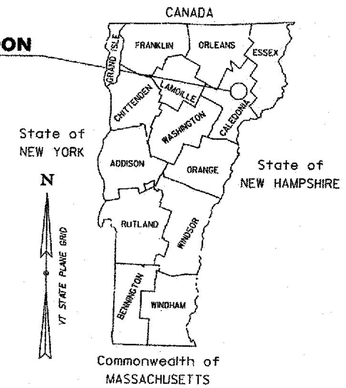
STATE OF VERMONT
AGENCY OF TRANSPORTATION

ST. JOHNSBURY – LYNDON
STP 2936(1)



RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. – BERLIN, VT
RESIDENT ENGINEER:	JAY STRONG
CONSTRUCTION BEGAN:	OCTOBER 20, 2014
CONSTRUCTION COMPLETE:	DECEMBER 2, 2015
RECORD PLANS BY:	JAY STRONG & CHIP PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY _____ RESIDENT ENGINEER

DATE 12/7/2017

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.

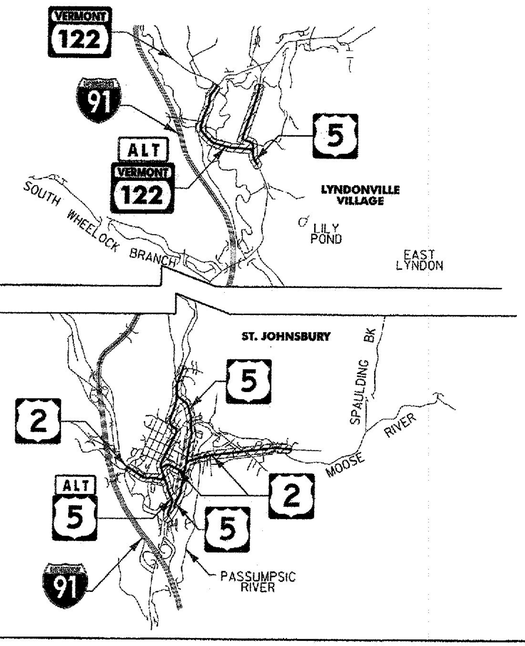
PROPOSED IMPROVEMENT
CLASS 1 TOWN HIGHWAY
TOWNS OF ST. JOHNSBURY AND LYNDON
COUNTY OF CALEDONIA
U.S. ROUTE 2, U.S. ROUTE 5, ALT. U.S. ROUTE 5 & ALT. VT ROUTE 122

BEGINNING AT A POINT IN THE TOWN OF ST. JOHNSBURY, ON U.S. ROUTE 2 AT STA. 141+50.40 (MM 2.680) AND EXTENDING EASTERLY ALONG U.S. ROUTE 2 FOR A DISTANCE OF 10,660.32 FEET (2.019 MILES) TO STA. 248+10.72 (MM 4.699). ALSO BEGINNING AT A POINT IN THE TOWN OF ST. JOHNSBURY, ON U.S. ROUTE 5 AT STA. 70+59.36 (MM 1.337) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 5 FOR A DISTANCE OF 8,125.92 FEET (1.539 MILES) TO STA. 151+85.28 (MM 2.876). ALSO BEGINNING AT A POINT IN THE TOWN OF ST. JOHNSBURY, ON ALT. U.S. ROUTE 5 AT STA. 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG ALT. U.S. ROUTE 5 FOR A DISTANCE OF 6,753.12 FEET (1.279 MILES) TO STA. 67+53.12 (MM 1.279). ALSO BEGINNING AT A POINT IN THE TOWN OF LYNDON, ON U.S. ROUTE 5 AT STA. 139+49.76 (MM 2.642) AND EXTENDING NORTHERLY ALONG U.S. ROUTE 5 FOR A DISTANCE OF 5,169.12 FEET (0.979 MILE) TO STA. 191+18.88 (MM 3.621). ALSO BEGINNING AT A POINT IN THE TOWN OF LYNDON, ON ALT. VT ROUTE 122 AT STA. 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG ALT. VT ROUTE 122 FOR A DISTANCE OF 5,485.92 FEET (1.039 MILES) TO STA. 54+85.92 (MM 1.039).

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A LEVELING COURSE, WEARING COURSE, AND IN SOME LOCATIONS BASE AND/OR INTERMEDIATE COURSES, RAILROAD GRADE CROSSINGS, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

PROJECT DATA:	LENGTH (FEET)	LENGTH (MILES)
TOWN OF ST. JOHNSBURY U.S. ROUTE 2 STA. 141+50.40 TO 248+10.72 MM 2.680 TO 4.699	10,660.32	2.019
TOWN OF ST. JOHNSBURY U.S. ROUTE 5 STA. 70+59.36 TO 151+85.28 MM 1.337 TO 2.876	8,125.92	1.539
TOWN OF ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 0+00.00 TO 67+53.12 MM 0.000 TO 1.279	6,753.12	1.279
TOWN OF LYNDON U.S. ROUTE 5 STA. 139+49.76 TO 191+18.88 MM 2.642 TO 3.621	5,169.12	0.979
TOWN OF LYNDON ALT. VT. ROUTE 122 STA. 0+00.00 TO 54+85.92 MM 0.000 TO 1.039	5,485.92	1.039
TOTAL LENGTH OF PROJECT:	36,194.40	6.855
TOTAL LENGTH OF ROADWAY:	36,194.40	6.855

FOR A MORE DETAILED LOCATION MAP, SEE SHEET 2.



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	2,226,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARDRAIL
RAILROAD
SURVEY LINE
CULVERT
UTILITY POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS (SR)
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : VERMONT SURVEY & ENGINEERING
SURVEYED DATE : 2011

DATUM
VERTICAL NAVD88
HORIZONTAL NAD83

RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY PURPOSES.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".

STATE OF VERMONT — RICHARD A. EDWARDS — No. 5842 — REGISTERED PROFESSIONAL ENGINEER

May 6, 2014

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DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Richard T. Stanley DATE 5-6-14

PROJECT MANAGER : MICHAEL FOWLER, P.E.

PROJECT NAME : ST. JOHNSBURY-LYNDON
PROJECT NUMBER : STP 2936(1)

SHEET 1 OF 250 SHEETS

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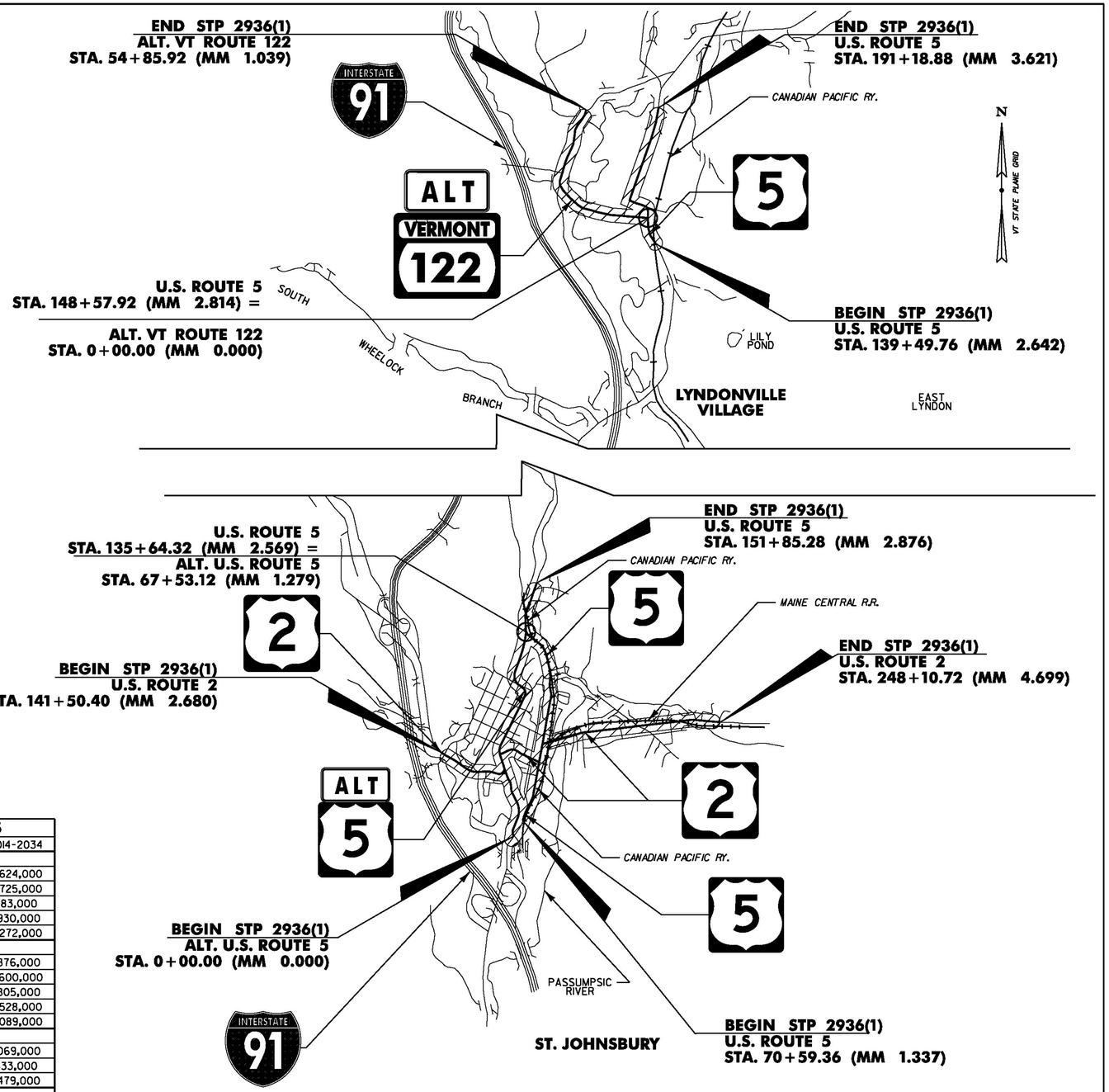
STRUCTURES DETAIL SHEET

SD-516.10 BRIDGE JOINT ASPHALTIC PLUG

VAOT STANDARDS

B-71	07-08-05	E-145B	12-23-94
C-2A	10-14-05	E-150	05-01-04
C-2B	10-14-05	E-151	05-01-04
C-3A	03-10-08	E-163	05-20-99
C-3B	03-10-08	E-171A	08-09-95
C-10	02-11-08	E-171B	08-09-95
D-3	06-01-94	E-175	06-08-09
D-6	06-01-94	E-190	06-30-03
D-8	01-03-00	E-191	02-01-99
D-9	06-01-94	E-192	10-12-00
D-15	06-01-94	E-193	08-18-95
D-16	06-01-94	G-1	02-10-14
E-121	08-08-95	G-1d	02-10-14
E-123	03-16-04	RR-1	06-01-94
E-127	08-08-95	T-1	08-06-12
E-136B	08-08-95	T-10	08-06-12
E-140	08-30-96	T-17	08-06-12
E-141	09-20-95	T-24	08-06-12
E-142	09-20-95	T-28	08-06-12
E-143	06-15-04	T-29	08-06-12
E-144	03-29-99	T-30	08-06-12
E-145A	12-23-94	T-31	08-06-12
		T-35	08-06-12
		T-36	08-06-12
		T-44	04-09-14
		T-45	01-02-13



NOT TO SCALE

TRAFFIC DATA

LOCATION	AADT		DHV		ESALS	
	2014	2024	2014	2024	2014-2024	2014-2034
ST. JOHNSBURY U.S. ROUTE 2						
BEGIN PROJECT TO BARKER AVENUE (T.H. 360)	5600	5700	590	600	1,180,000	2,624,000
BARKER AVENUE (T.H. 360) TO NORTH MAIN STREET (ALT U.S. 5)	6300	6400	670	680	1,704,000	3,725,000
NORTH MAIN STREET (ALT U.S. 5) TO RAILROAD STREET (U.S. 5 SOUTH)	4800	4800	510	510	329,000	783,000
RAILROAD STREET (U.S. 5 NORTH) TO CONCORD AVENUE	7900	8000	830	840	830,000	1,930,000
CONCORD AVENUE TO END PROJECT	6100	6200	640	650	1,949,000	4,272,000
ST. JOHNSBURY U.S. ROUTE 5						
BEGIN PROJECT TO EASTERN AVENUE (U.S. 2)	4700	4700	500	500	834,000	1,876,000
EASTERN AVENUE (U.S. 2) TO PORTLAND STREET (U.S. 2)	9400	9500	990	1000	1,110,000	2,600,000
PORTLAND STREET (U.S. 2) TO HASTINGS HILL (ALT U.S. 5)	7700	7800	870	880	779,000	1,805,000
HASTINGS HILL (ALT U.S. 5) TO OLD CENTER ROAD	10,600	10,700	1200	1200	1,086,000	2,528,000
OLD CENTER ROAD TO END PROJECT	7500	7600	850	860	1,924,000	4,089,000
ST. JOHNSBURY ALT U.S. ROUTE 5						
BEGIN PROJECT TO WESTERN AVENUE	2200	2200	270	270	493,000	1,069,000
EASTERN AVENUE TO MAPLE STREET	5100	5100	580	580	270,000	633,000
MAPLE STREET TO END PROJECT	4600	4600	530	530	707,000	1,479,000
LYNDON U.S. ROUTE 5						
BEGIN PROJECT TO CENTER STREET (ALT VT 122)	13,100	13,500	1400	1400	1,908,000	4,260,000
CENTER STREET (ALT VT 122) TO MAIN STREET	9500	9800	1000	1000	1,803,000	4,452,000
MAIN STREET TO END PROJECT	10,300	10,600	1100	1100	1,527,000	3,767,000
LYNDON ALT. VT ROUTE 122						
BEGIN PROJECT TO BACK CENTER ROAD	2,800	2,900	330	340	230,000	544,000
BACK CENTER ROAD TO COLLEGE ROAD	3,900	4,000	450	460	226,000	540,000
COLLEGE ROAD TO END PROJECT	2,900	3,000	340	350	136,000	332,000

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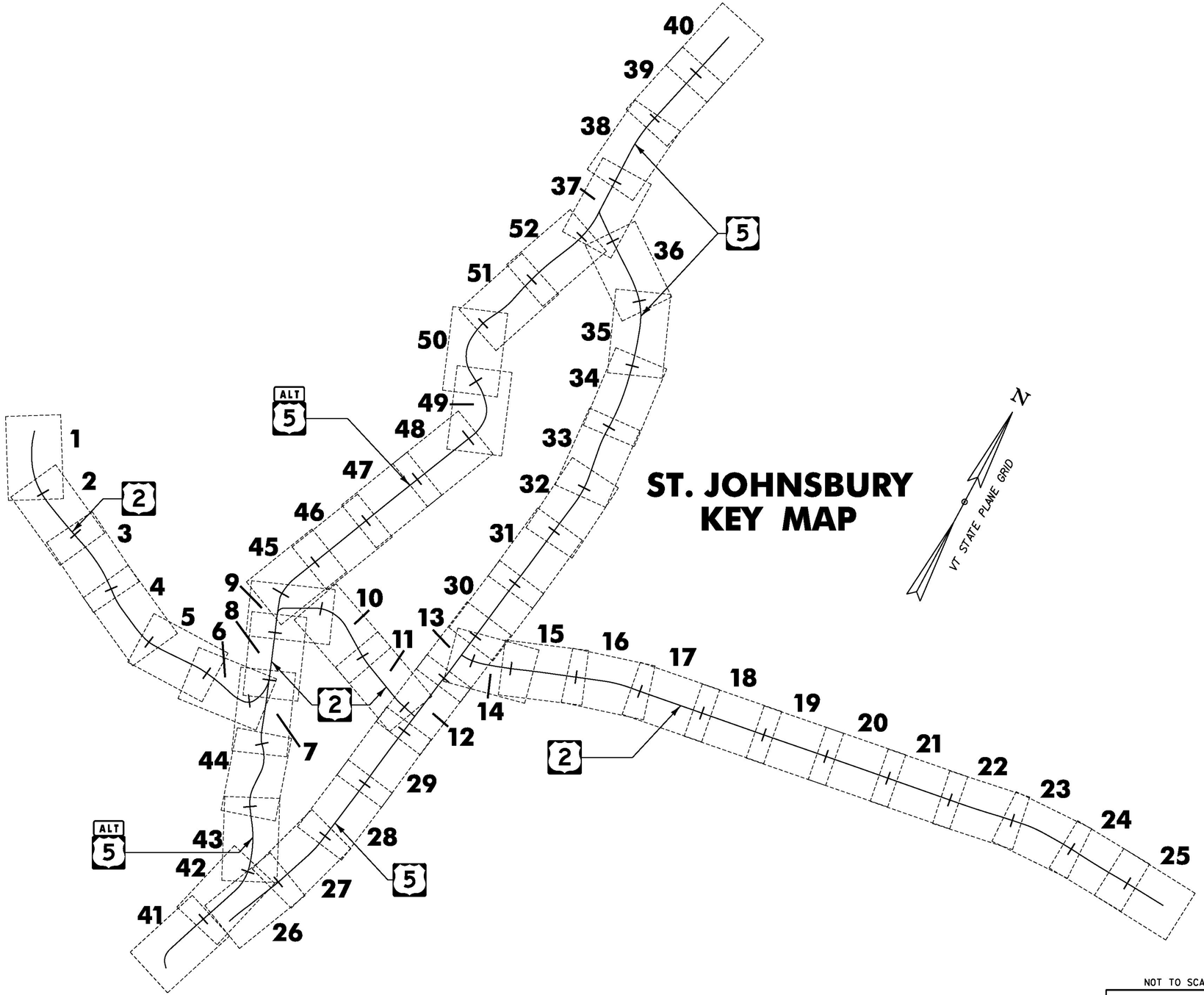
INDEX OF SHEETS

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/29/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 2 OF 250

ST. JOHNSBURY KEY MAP



NOT TO SCALE

GENERAL LEGEND

- SMH = EXISTING SEWER MANHOLE
- DMH = EXISTING DRAINAGE MANHOLE
- MH = EXISTING MANHOLE
- TMH = EXISTING TELEPHONE MANHOLE
- WMH = EXISTING WATER MANHOLE
- WSO = EXISTING WATER SHUT OFF
- MW = EXISTING MONITORING WELL
- = EXISTING FIRE HYDRANT
- = PROPOSED DRAINAGE INLET
- = EXISTING DRAINAGE INLET
- = EXISTING CIRCULAR DRAINAGE INLET
- = EXISTING BRIDGE SCUPPER
- = EXISTING TREE
- = PROPOSED GUARDRAIL
- = EXISTING GUARDRAIL
- = SINGLE SIGN POST
- = DOUBLE SIGN POST
- = EXISTING SIGNAL BEACON
- = EXISTING GUY WIRE
- = EXISTING ELECTRIC/LIGHTING UTILITY POLE
- = EXISTING TRANSMISSION UTILITY POLE
- = EXISTING PARKING METER
- = PROPOSED PARKING METER
- = EXISTING MAILBOX
- = EXISTING PEDESTRIAN SIGNAL POLE
- = EXISTING PEDESTRIAN/TRAFFIC SIGNAL HEAD
- = EXISTING RAILROAD BEACON ASSEMBLY
- = EXISTING TRUNCATED DOMES
- = PROPOSED TRUNCATED DOMES
- = RIVER FLOW DIRECTION ARROW
- = EDGE OF WATER
- = EXISTING HEDGE ROW
- = RAILROAD TRACKS
- = EXISTING FENCE
- = EXISTING STONE WALL
- = EXISTING STONE LINED GUTTER
- = EXISTING CULVERT AND HEADWALL
- AER E&T = EXISTING AERIAL ELECTRICAL AND TELEPHONE LINE
- = EXISTING PIPE

SIGN LEGEND

- N = NEW
- R = REMOVE
- R&S = REMOVE & SALVAGE
- S = SALVAGED SIGN
- RET = RETAIN
- B-B = BACK TO BACK
- R① = REMOVE AND RETURN TO TOWN OF ST. JOHNSBURY
- R② = REMOVE AND RETURN TO TOWN OF LYNDON

Stantec

ST. JOHNSBURY KEY PLAN SHEET & LEGENDS

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 3 OF 250

NOTES

1. THE PAVEMENT BASE COURSE AND INTERMEDIATE COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IIS. THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

2. GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = + 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)

4. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 7.

5. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES. ALL COLD PLANED SURFACES SHALL HAVE AN APPLICATION RATE OF 0.08 GAL/SY OF EMULSIFIED ASPHALT. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL SUCCESSIVE PAVED SURFACES AT THE RATE OF 0.040 GAL/SY. ALL APPLICATIONS WILL BE PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H).

6. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL SECTION OR AS NOTED OTHERWISE ON THE PLANS. THE COLD PLANING AND PAVING SHALL MATCH THE EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL COLD PLANE JOINT. SEE DETAIL ON SHEET 7. EXISTING TEMPORARY PAVEMENT WEDGES INSTALLED BY OTHERS AT SIDE ROADS AND DRIVES SHALL BE MODIFIED AS NEEDED AND REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.

7. ALL RESIDENTIAL AND COMMERCIAL DRIVES, AND PULL-OUTS SHALL RECEIVE A FOUR FOOT PAVED APRON, AND ALL FIELD DRIVES SHALL RECEIVE A TWO FOOT PAVED APRON. PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE ENGINEER (FOR DETAILS, SEE SHEET 26). ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS WHETHER BY HAND OR MECHANICAL METHODS SHALL BE PAID AS ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

8. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.

9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.

10. A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, ITEM 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III AND ITEM 604.40 CHANGING ELEVATION OF DI, CB, OR MH HAS BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES HAVE BEEN DISTRIBUTED BETWEEN ITEMS 604.40, 604.412, 604.415 AND 604.418 FOR ESTIMATING PURPOSES.

    BECAUSE OF THE VARIOUS SURFACE TREATMENTS BEING CONSTRUCTED TO MATCH THE WORK BY OTHERS AS PART OF THE SRF LOAN RFI-168 CSO ELIMINATION PROJECT, MANY DRAINAGE MANHOLES AND SEWER MANHOLES WILL NEED VARYING LEVELS OF ELEVATION ADJUSTMENT. THE EXISTING FRAMES AND COVERS FOR THESE STRUCTURES SHALL BE USED TO COMPLETE THIS WORK. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO OBTAIN ACCESS TO THESE ITEMS. THIS WORK WILL BE PAID AS ITEM 604.40 CHANGING ELEVATION OF DI'S, CB'S OR MANHOLES OR ITEM 604.42 CHANGING ELEVATION OF SEWER MANHOLES.

11. A DISTANCE OF AT LEAST 3' - 7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FOOT POSTS. IF THIS CANNOT BE OBTAINED THEN EIGHT FOOT POSTS SHALL BE USED. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED OR ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS AS APPLICABLE.

12. ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP EDGES OF PAVEMENT, EXCEPT IN LAWN AREAS WHERE ITEM 651.35 TOPSOIL SHALL BE USED.

13. ESTIMATED QUANTITIES OF ITEMS 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. THE AMOUNT OF 25 CUBIC YARDS OF EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE TO BE USED AS DIRECTED BY THE ENGINEER.

14. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR REMOVING BUILT UP, SAND, ETC. ADJACENT TO THE SHOULDERS IN NON GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER AS DIRECTED BY THE ENGINEER.

15. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THESE OPERATIONS THE ENGINEER SHALL CONTACT THE VTRANS CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE ENGINEER TO BE AT FAULT, THE RECOMMENDED REPAIRS SHALL BE COMPLETED AT NO COST TO THE STATE.

16. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER.

    EXCAVATION WILL BE PAID FOR AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

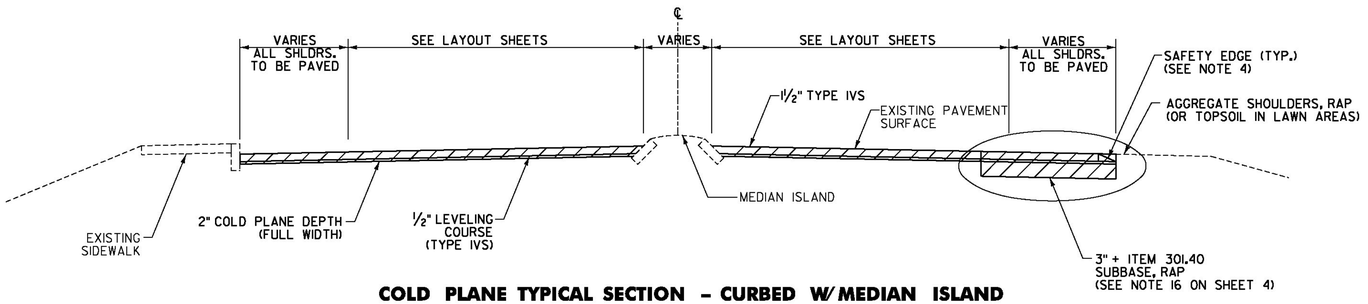
    MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.40 SUBBASE, RAP AS DIRECTED BY THE ENGINEER.

    EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.

17. COLD PLANE SURFACES WITHIN THE COLD PLANE AND PAVE SECTION SHALL HAVE SURFACE PREPARATION BEFORE THE LEVELING COURSE IS PLACED. SURFACE PREPARATION SHALL CONSIST OF POTHOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST ONE INCH IN WIDTH. PAYMENT WILL BE UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) (SEE DETAIL ON SHEET 7). COLD PLANED SURFACES SHALL HAVE A TACK COAT APPLICATION RATE OF 0.08 GAL/SQ.YD. OF CRS-1H OR RS-1H. PAYMENT WILL BE UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H).

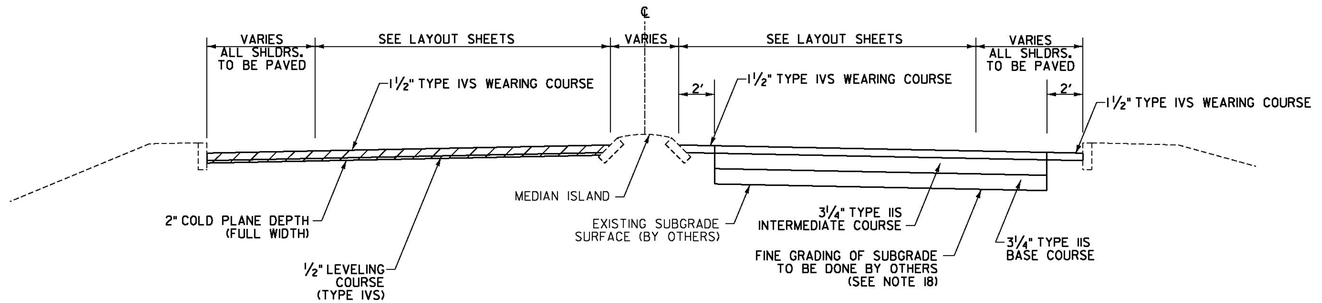
18. THE CONTRACTOR CONSTRUCTING THE SRF LOAN RFI-168 CSO ELIMINATION PROJECT WILL BE RECONSTRUCTING PORTIONS OF THE ROADWAY UP TO AND INCLUDING SUBGRADE AND/OR SOME PAVEMENT AS NOTED ON SHEETS 4 AND 5. IN THE LOCATIONS WHERE THE ROADWAY IS CONSTRUCTED ONLY UP TO SUBGRADE, THE FINE GRADING OF THAT SUBGRADE SHALL BE INCLUDED IN THE WORK BY OTHERS. THE CONTRACTOR FOR THE STP 2936(I) PROJECT SHALL COORDINATE WITH THE OTHER CONTRACTOR TO ENSURE THE FINE GRADING IS COMPLETED AT THE APPROPRIATE TIME PRIOR TO THE PLACEMENT OF THE PAVEMENT BASE COURSE.

19. PRIOR TO THE REMOVAL OF THE EXISTING PARKING METERS, THE CONTRACTOR SHALL COORDINATE THIS WORK WITH ST. JOHNSBURY POLICE CHIEF CLEMENT HOUDE AT 802-748-2314. THE CONTRACTOR SHALL ALLOW AT LEAST TWO BUSINESS DAYS FOR THE TOWN TO REMOVE THE METER MECHANISM AND MONEY OUT OF THE METER HOUSINGS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL, SAFE STORAGE AND REINSTALLATION OF THE METER HOUSINGS ON NEW POSTS.



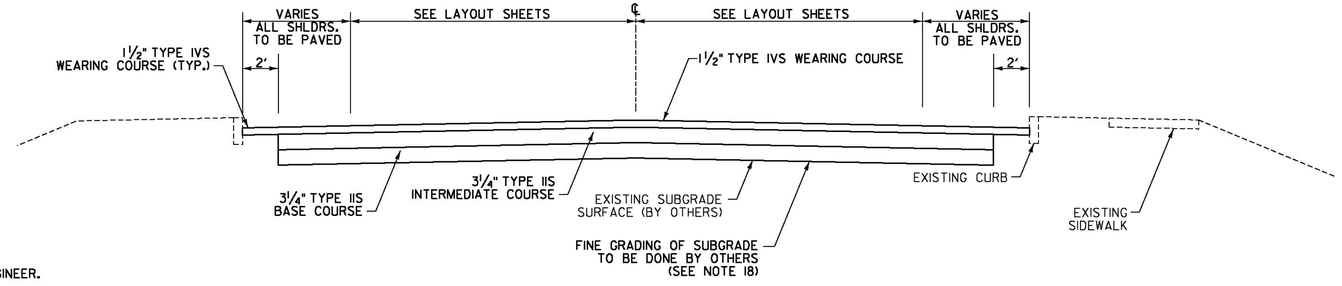
COLD PLANE TYPICAL SECTION - CURBED W/MEDIAN ISLAND

ST. JOHNSBURY U.S. ROUTE 2 STA. 141+50.40 TO 147+25
ST. JOHNSBURY U.S. ROUTE 5 STA. 70+59.36 TO 72+28



TYPICAL SECTION - CURBED W/MEDIAN ISLAND

ST. JOHNSBURY U.S. ROUTE 2 STA. 147+25 TO 150+90



TYPICAL SECTION - CURBED

ST. JOHNSBURY U.S. ROUTE 2 STA. 150+90 TO 168+13

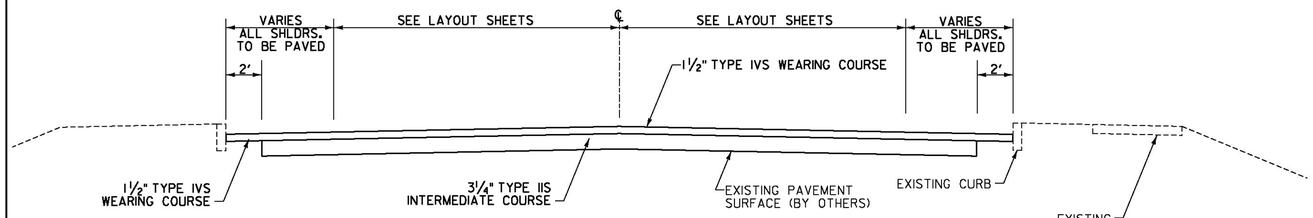
NOT TO SCALE

Stantec

PROJECT TYPICAL SECTION SHEET #1

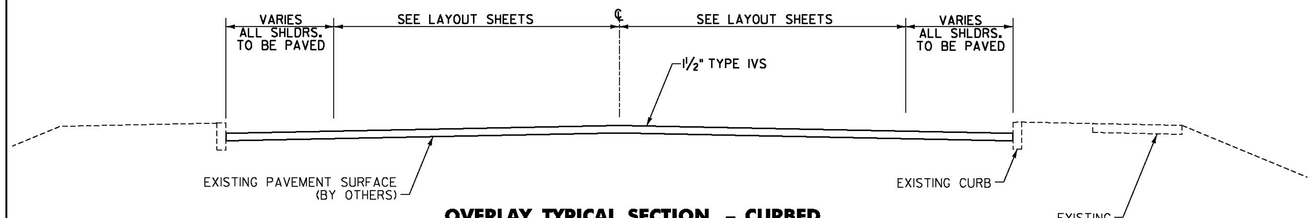
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 4 OF 250



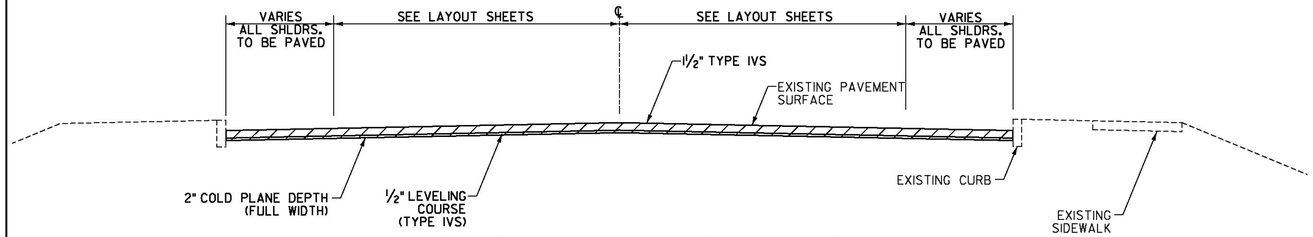
TYPICAL SECTION – CURBED

ST. JOHNSBURY U.S. ROUTE 2 STA. 168+13 TO 176+45.47
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 20+00 TO 52+40
(INCLUDES ALT. U.S. ROUTE 5 APPROACH NEAR THE
U.S. ROUTE 2 INTERSECTION AT WESTERN AVE.)



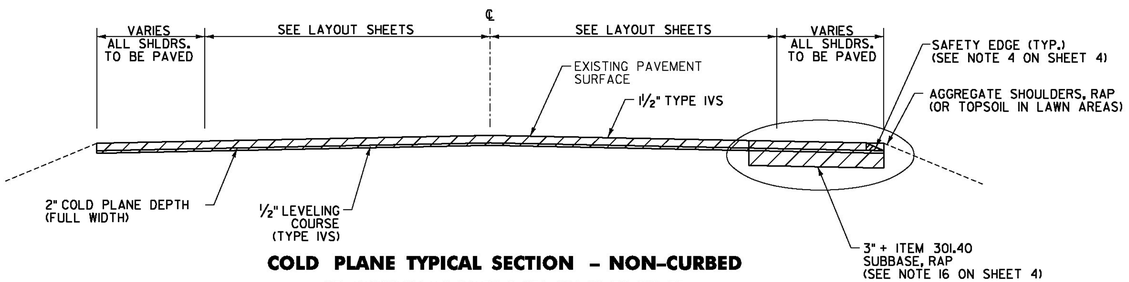
OVERLAY TYPICAL SECTION – CURBED

ST. JOHNSBURY U.S. ROUTE 2 STA. 177+04 TO 188+20



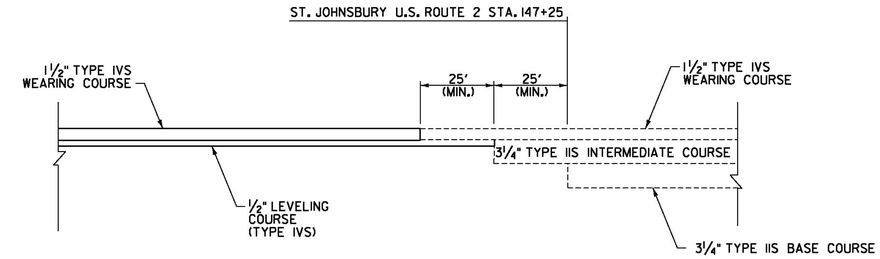
COLD PLANE TYPICAL SECTION – CURBED

ST. JOHNSBURY U.S. ROUTE 2 STA. 188+20 TO 192+85
ST. JOHNSBURY U.S. ROUTE 2 STA. 201+75 TO 224+30
ST. JOHNSBURY U.S. ROUTE 5 STA. 87+95 TO 114+92
ST. JOHNSBURY U.S. ROUTE 5 STA. 132+79 TO 143+66
ST. JOHNSBURY U.S. ROUTE 5 STA. 145+53 TO 147+15
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 0+00 TO 0+42
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 52+40 TO 67+53.12
LYNDON U.S. ROUTE 5 STA. 148+94 TO 173+39
LYNDON ALT. VT ROUTE 122 STA. 0+00.00 TO 2+42

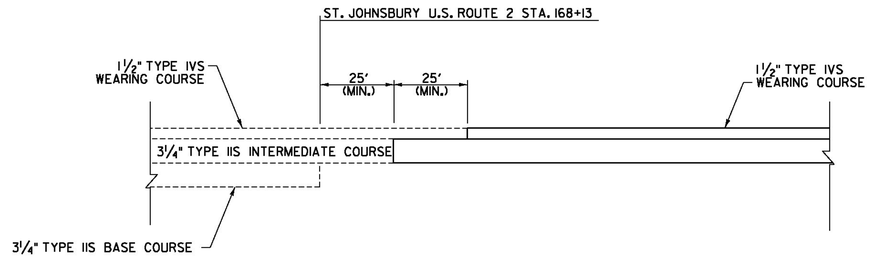


COLD PLANE TYPICAL SECTION – NON-CURBED

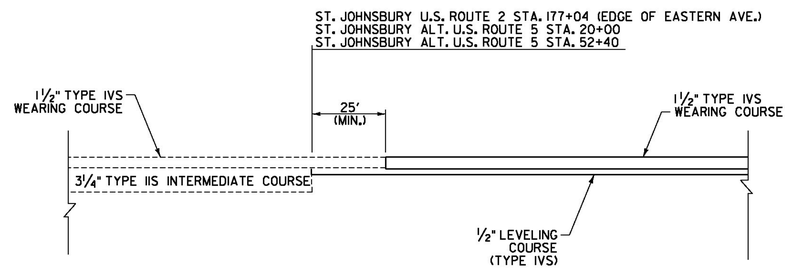
ST. JOHNSBURY U.S. ROUTE 2 STA. 224+30 TO 237+73
ST. JOHNSBURY U.S. ROUTE 2 STA. 238+37 TO 248+10.72
ST. JOHNSBURY U.S. ROUTE 5 STA. 114+92 TO 118+57
ST. JOHNSBURY U.S. ROUTE 5 STA. 121+72 TO 132+79
ST. JOHNSBURY U.S. ROUTE 5 STA. 147+15 TO 151+85.28
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 9+44 TO 18+15
LYNDON U.S. ROUTE 5 STA. 139+49.76 TO 142+75
LYNDON U.S. ROUTE 5 STA. 144+57 TO 148+94
LYNDON U.S. ROUTE 5 STA. 173+39 TO 183+13
LYNDON ALT. VT ROUTE 122 STA. 4+91 TO 8+00
LYNDON ALT. VT ROUTE 122 STA. 28+98 TO 51+57
LYNDON ALT. VT ROUTE 122 STA. 52+12 TO 54+85.92



PAVEMENT TRANSITION #1



PAVEMENT TRANSITION #2



PAVEMENT TRANSITION #3

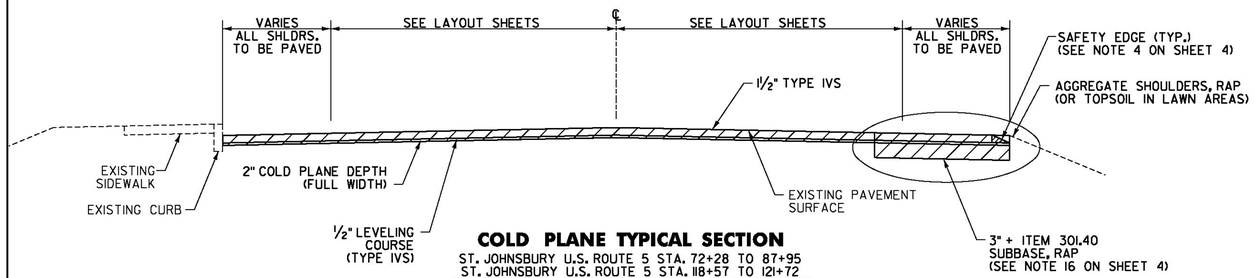
NOT TO SCALE

Stantec

PROJECT TYPICAL SECTION SHEET #2

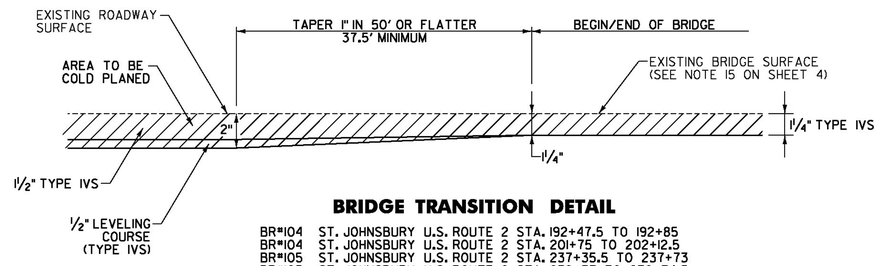
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 5 OF 250



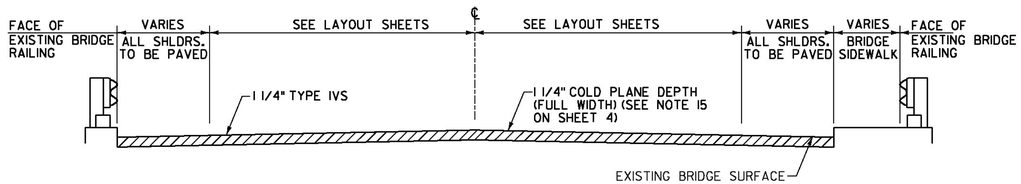
COLD PLANE TYPICAL SECTION

ST. JOHNSBURY U.S. ROUTE 5 STA. 72+28 TO 87+95
ST. JOHNSBURY U.S. ROUTE 5 STA. 118+57 TO 121+72
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 0+42 TO 9+44
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 18+15 TO 20+00
LYNDON U.S. ROUTE 5 STA. 142+75 TO 144+57
LYNDON U.S. ROUTE 5 STA. 183+13 TO 191+18.88
LYNDON ALT. VT ROUTE 122 STA. 2+42 TO 4+91
LYNDON ALT. VT ROUTE 122 STA. 8+00 TO 18+06
LYNDON ALT. VT ROUTE 122 STA. 19+78 TO 28+98



BRIDGE TRANSITION DETAIL

BR#104	ST. JOHNSBURY U.S. ROUTE 2 STA. 192+47.5 TO 192+85
BR#104	ST. JOHNSBURY U.S. ROUTE 2 STA. 201+75 TO 202+12.5
BR#105	ST. JOHNSBURY U.S. ROUTE 2 STA. 237+35.5 TO 237+73
BR#105	ST. JOHNSBURY U.S. ROUTE 2 STA. 238+37 TO 238+74.5
BR#130	ST. JOHNSBURY U.S. ROUTE 5 STA. 143+28.5 TO 143+66
BR#130	ST. JOHNSBURY U.S. ROUTE 5 STA. 145+53 TO 145+90.5
BR#2	LYNDON ALT. VT ROUTE 122 STA. 17+68.5 TO 18+06
BR#2	LYNDON ALT. VT ROUTE 122 STA. 19+78 TO 20+15.5



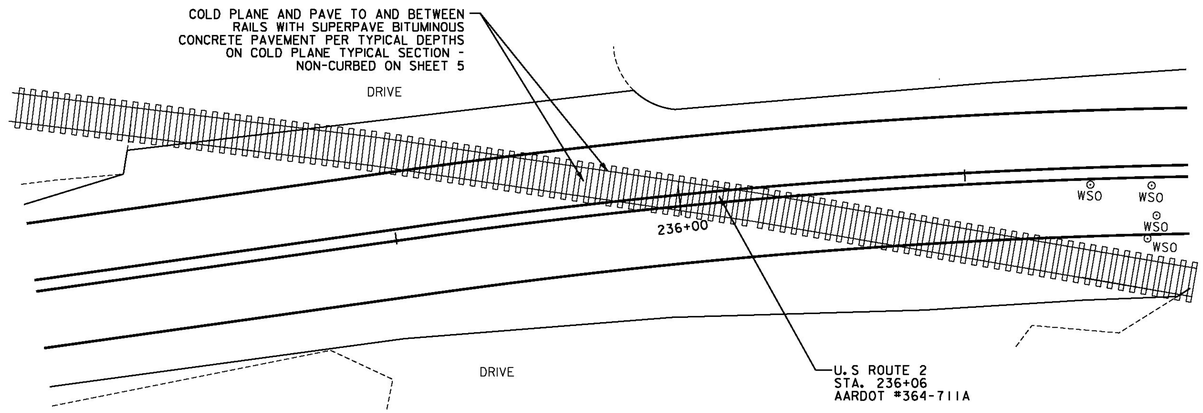
COLD PLANE TYPICAL SECTION - BRIDGE

BR#104 ST. JOHNSBURY U.S. ROUTE 2 STA. 192+85 TO 201+75
BR#105 ST. JOHNSBURY U.S. ROUTE 2 STA. 237+73 TO 238+37
BR#130 ST. JOHNSBURY U.S. ROUTE 5 STA. 143+66 TO 145+53
BR#2 LYNDON ALT. VT ROUTE 122 STA. 18+06 TO 19+78

BRIDGE JOINT ASPHALTIC PLUG LOCATIONS

(SEE STRUCTURES DETAIL SD-516.10)

BR#104 ST. JOHNSBURY U.S. ROUTE 2 STA. 192+85 (37 LF)
BR#104 ST. JOHNSBURY U.S. ROUTE 2 STA. 201+75 (33 LF)
BR#105 ST. JOHNSBURY U.S. ROUTE 2 STA. 237+73 (36 LF)
BR#105 ST. JOHNSBURY U.S. ROUTE 2 STA. 238+37 (35 LF)
BR#130 ST. JOHNSBURY U.S. ROUTE 5 STA. 143+66 (41 LF)
BR#130 ST. JOHNSBURY U.S. ROUTE 5 STA. 145+53 (41 LF)
BR#2 LYNDON ALT. VT ROUTE 122 STA. 18+06 (30 LF)
BR#2 LYNDON ALT. VT ROUTE 122 STA. 19+78 (30 LF)
BR#4 LYNDON ALT. VT ROUTE 122 STA. 51+57 (12 LF)
BR#4 LYNDON ALT. VT ROUTE 122 STA. 52+12 (12 LF)



PAVING DETAIL
U.S. ROUTE 2 RAILROAD CROSSING AARDOT #364-711A
ST. JOHNSBURY STA. 236+06

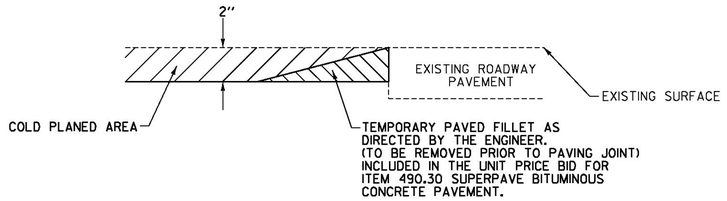
NOT TO SCALE

Stantec

PROJECT TYPICAL SECTION SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 6 OF 250



DETAIL AT VERTICAL COLD PLANE JOINTS (1 1/2" DEPTH)

NOTE: THIS DETAIL SHALL BE USED FOR THE SIDE ROADS AND OTHER LOCATIONS LISTED BELOW AS DIRECTED BY THE ENGINEER.

FULL ROADWAY WIDTH

ST. JOHNSBURY
U.S. ROUTE 2 STA. 141+50.40 (BEGIN PROJECT)
U.S. ROUTE 2 STA. 147+74, LT (CENTRAL ST.)
U.S. ROUTE 2 STA. 202+27, RT (WASHINGTON AVE.)
U.S. ROUTE 2 STA. 203+86, LT (WEEKS CT.)
U.S. ROUTE 2 STA. 204+26, RT (CALEDONIA ST.)
U.S. ROUTE 2 STA. 206+51, LT (ELM ST.)
U.S. ROUTE 2 STA. 216+27, RT (SIMONS AVE.)
U.S. ROUTE 2 STA. 221+72, LT (CONCORD AVE.)
U.S. ROUTE 2 STA. 221+89, RT (CONCORD AVE.)
U.S. ROUTE 2 STA. 226+58, LT (ELY ST.)
U.S. ROUTE 2 STA. 230+08, LT (STATE ST.)
U.S. ROUTE 2 STA. 231+46, RT (LINCOLN ST.)
U.S. ROUTE 2 STA. 239+39, LT (ASSISQUA AVE.)
U.S. ROUTE 2 STA. 241+72, LT (DUKE ST.)
U.S. ROUTE 2 STA. 247+00, LT (SNELL RD.)
U.S. ROUTE 2 STA. 248+10.72 (END PROJECT)

ST. JOHNSBURY
U.S. ROUTE 5 STA. 70+59.36 (BEGIN PROJECT)
U.S. ROUTE 5 STA. 75+11, LT (PEARL ST.)
U.S. ROUTE 5 STA. 85+64, LT (FEDERAL ST.)
U.S. ROUTE 5 STA. 88+36, RT (DEPOT SQ.)
U.S. ROUTE 5 STA. 91+02, RT (DEPOT SQ.)
U.S. ROUTE 5 STA. 99+56, LT (MAPLE ST.)
U.S. ROUTE 5 STA. 104+99, LT (BAGLEY ST.)
U.S. ROUTE 5 STA. 110+93, RT (MILL ST.)
U.S. ROUTE 5 STA. 119+16, LT (MAIN ST.)
U.S. ROUTE 5 STA. 119+64, RT (CONCORD AVE.)
U.S. ROUTE 5 STA. 140+82, LT (OLD CENTER RD.)
U.S. ROUTE 5 STA. 142+65, LT (OLD CENTER RD.)
U.S. ROUTE 5 STA. 146+27, RT (TREMONT ST.)
U.S. ROUTE 5 STA. 149+77, RT (ST. JOHNS ST.)
U.S. ROUTE 5 STA. 151+85.28 (END PROJECT)

ST. JOHNSBURY
ALT. U.S. ROUTE 5 STA. 0+00.00 (BEGIN PROJECT)
ALT. U.S. ROUTE 5 STA. 52+94, LT (SUMMER ST)
ALT. U.S. ROUTE 5 STA. 67+53.12 (END PROJECT)

LYNDON
U.S. ROUTE 5 STA. 139+49.76 (BEGIN PROJECT)
U.S. ROUTE 5 STA. 141+40, LT (ROSE LN.)
U.S. ROUTE 5 STA. 143+02, RT (HILL ST.)
U.S. ROUTE 5 STA. 143+13, LT (SOUTH ST.)
U.S. ROUTE 5 STA. 145+70, LT (TULIP ST.)
U.S. ROUTE 5 STA. 152+19, RT (DEPOT ST.)
U.S. ROUTE 5 STA. 154+31, RT (CHURCH ST.)
U.S. ROUTE 5 STA. 155+91, LT (ELM ST.)
U.S. ROUTE 5 STA. 158+32, LT (MAIN ST.)
U.S. ROUTE 5 STA. 159+22, LT (MAPLE ST.)
U.S. ROUTE 5 STA. 163+53, LT (PARK AVE.)
U.S. ROUTE 5 STA. 163+61, RT (MIDDLE ST.)
U.S. ROUTE 5 STA. 172+75, RT (GROVE ST.)
U.S. ROUTE 5 STA. 172+16, LT (POWERS PARK)
U.S. ROUTE 5 STA. 191+18.88 (END PROJECT)

LYNDON
ALT. VT ROUTE 122 STA. 5+22, RT (ELM ST.)
ALT. VT ROUTE 122 STA. 5+26, LT (SOUTH ST.)
ALT. VT ROUTE 122 STA. 7+89, RT (MAIN ST.)
ALT. VT ROUTE 122 STA. 12+10, RT (PARK AVE.)
ALT. VT ROUTE 122 STA. 28+91, LT (BACK CENTER RD.)
ALT. VT ROUTE 122 STA. 33+08, LT (COLLEGE RD.)
ALT. VT ROUTE 122 STA. 33+13, RT (MATTY HOUSE CIR.)
ALT. VT ROUTE 122 STA. 38+07, LT (CEMETARY CIR.)
ALT. VT ROUTE 122 STA. 41+39, LT (HEAVEN LN.)
ALT. VT ROUTE 122 STA. 51+57 (BR#4)
ALT. VT ROUTE 122 STA. 52+12 (BR#4)
ALT. VT ROUTE 122 STA. 54+85.92 (END PROJECT)

NOTE: THE FOLLOWING LOCATIONS ARE WITHIN THE PROJECT LIMITS OF THE SRF LOAN RFI-168 CSO ELIMINATION PROJECT BEING CONSTRUCTED BY OTHERS. AS PART OF THAT PROJECT, TEMPORARY PAVEMENT WEDGES HAVE BEEN INSTALLED AT THESE LOCATIONS. THESE WEDGES SHALL BE MODIFIED AS NEEDED THROUGHOUT THE STP 2936(I)S PROJECT, AND THEN REMOVED AS DIRECTED BY THE ENGINEER. SEE NOTE 6 ON SHEET 4.

ST. JOHNSBURY
U.S. ROUTE 2 STA. 147+81, RT (HIGH ST.)
U.S. ROUTE 2 STA. 153+76, LT (SUMMER ST.)
U.S. ROUTE 2 STA. 154+12, LT (FOREST AVE.)
U.S. ROUTE 2 STA. 160+87, RT (BARKER AVE.)
U.S. ROUTE 2 STA. 161+81, LT (TOWN GARAGE RD.)
U.S. ROUTE 2 STA. 163+39, RT (BELVIDERE ST.)
U.S. ROUTE 2 STA. 181+24, LT (THADDEUS LN.)
U.S. ROUTE 2 STA. 182+85, RT (FEDERAL ST.)
U.S. ROUTE 2 STA. 185+57, LT (CHERRY ST.)
U.S. ROUTE 2 STA. 187+97, LT (PEARL ST.)
U.S. ROUTE 2 STA. 187+97, RT (PEARL ST.)

ST. JOHNSBURY
ALT. U.S. ROUTE 5 STA. 20+56, LT (FAIRBANKS DR.)
ALT. U.S. ROUTE 5 STA. 27+97, LT (CENTRAL ST.)
ALT. U.S. ROUTE 5 STA. 31+27, RT (PROSPECT ST.)
ALT. U.S. ROUTE 5 STA. 32+00, LT (CHURCH ST.)
ALT. U.S. ROUTE 5 STA. 33+35, RT (CHARLES ST.)
ALT. U.S. ROUTE 5 STA. 36+76, RT (MAPLE ST.)
ALT. U.S. ROUTE 5 STA. 37+65, LT (WINTER ST.)
ALT. U.S. ROUTE 5 STA. 41+36, LT (CARY PL.)
ALT. U.S. ROUTE 5 STA. 41+40, RT (CLARKS AVE.)
ALT. U.S. ROUTE 5 STA. 44+75, LT (CLINTON AVE.)
ALT. U.S. ROUTE 5 STA. 45+11, RT (MAIN ST.)
ALT. U.S. ROUTE 5 STA. 49+69, RT (MAIN ST.)
ALT. U.S. ROUTE 5 STA. 48+16, RT (BOYNTON AVE.)
ALT. U.S. ROUTE 5 STA. 50+21, LT (CLINTON AVE.)
ALT. U.S. ROUTE 5 STA. 50+62, RT (GREEN ST.)
ALT. U.S. ROUTE 5 STA. 50+72, LT (MT. PLEASANT ST.)

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREEPING RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

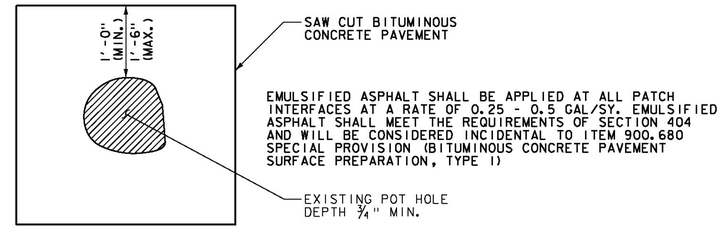
SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

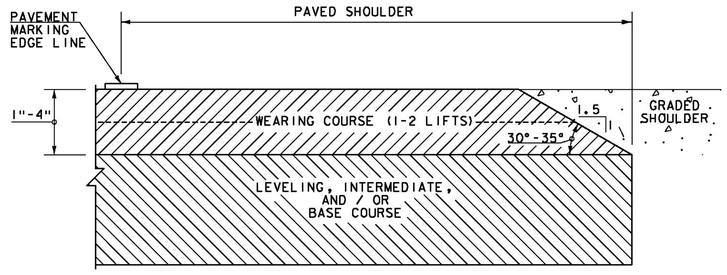
HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



TYPICAL - POT HOLE REPAIR

SEE NOTE 17 ON SHEET 4.



SAFETY EDGE DETAIL

NOT TO SCALE

NOTES:

1, LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.

2, THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED.

NOT TO SCALE

Stantec

PROJECT TYPICAL SECTION SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pilc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 7 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	NO FEDERAL PART.	NO FEDERAL/ STATE PART.	TRAINING	RAILROAD	BRIDGE	FULL C.E. ITEMS	ROADWAY SRIN(20)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
21								21		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-
375		33					67	475		CY	COMMON EXCAVATION	203.15	4.7
525								525		CY	EARTH BORROW	203.30	EST.
210								210		LF	SHOULDER BERM REMOVAL	203.40	8
1								1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
129700								129700		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	1418
357		41					92	490		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	3.4
1700								1700		TON	SUBBASE, RAP	301.40	17
345								345		TON	AGGREGATE SHOULDERS, RAP	402.13	8
1								1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
26036							14	26050		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	286.9
1								1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
							9	9		GAL	WATER REPELLENT, SILANE	514.10	-
				2240	310			2550		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	12
					100			100		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	
26								26		LF	18" CPEP	601.0915	-
1								1		EACH	18" CPEPES	601.7015	-
1								1		EACH	CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.10	-
105								105		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
207								207		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
26								26		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
26								26		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	-
112								112		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
10								10		HR	POWER GRADER RENTAL	608.15	EST.
45								45		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
50								50		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
90								90		HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
160								160		HR	TRUCK RENTAL	608.37	EST.
10								10		HR	LOADER RENTAL, TYPE I	608.40	EST.
135								135		CY	STONE FILL, TYPE I	613.10	5
315								315		LF	GRANITE SLOPE EDGING	616.20	3
85		130					125	340		LF	VERTICAL GRANITE CURB	616.21	8.5
590								590		LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	10
815								815		LF	TREATED TIMBER CURB	616.35	10
32							133	165		LF	REMOVING AND RESETTING CURB	616.40	4
670								670		LF	REMOVAL OF EXISTING CURB	616.41	5.5
7								7		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	0.7
1020		75					125	1220		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	12
11							29	40		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	4
1780		40					80	1900		SF	DETECTABLE WARNING SURFACE	618.30	24

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING, BITUMINOUS PAVEMENT
25105	SY	ST. JOHNSBURY U.S. ROUTE 2 MAINLINE
3527	SY	ST. JOHNSBURY U.S. ROUTE 2 BRIDGE
2519	SY	ST. JOHNSBURY U.S. ROUTE 2 SIDE ROADS
31576	SY	ST. JOHNSBURY U.S. ROUTE 5 MAINLINE
769	SY	ST. JOHNSBURY U.S. ROUTE 5 BRIDGE
3739	SY	ST. JOHNSBURY U.S. ROUTE 5 SIDE ROADS
13484	SY	ST. JOHNSBURY ALT. U.S. ROUTE 5 MAINLINE
199	SY	ST. JOHNSBURY ALT. U.S. ROUTE 5 SIDE ROADS
26464	SY	LYNDON U.S. ROUTE 5 MAINLINE
3074	SY	LYNDON U.S. ROUTE 5 SIDE ROADS
16048	SY	LYNDON ALT. VT ROUTE 122 MAINLINE
571	SY	LYNDON ALT. VT ROUTE 122 BRIDGE
1207	SY	LYNDON ALT. VT ROUTE 122 SIDE ROADS
1418	SY	ROUNDING
129700	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
		ST. JOHNSBURY
3962	TON	U.S. ROUTE 2 MAINLINE WEARING COURSE TYPE IVS
2034	TON	U.S. ROUTE 2 MAINLINE INTERMEDIATE COURSE TYPE IIS
1346	TON	U.S. ROUTE 2 MAINLINE BASE COURSE TYPE IIS
257	TON	U.S. ROUTE 2 BRIDGE WEARING COURSE TYPE IVS
336	TON	U.S. ROUTE 2 SIDE ROADS WEARING COURSE TYPE IVS
159	TON	U.S. ROUTE 2 SIDE ROADS INTERMEDIATE COURSE TYPE IIS
159	TON	U.S. ROUTE 2 SIDE ROADS BASE COURSE TYPE IIS
908	TON	U.S. ROUTE 2 LEVELING (TYPE IVS)
2763	TON	U.S. ROUTE 5 MAINLINE WEARING COURSE TYPE IVS
56	TON	U.S. ROUTE 5 BRIDGE WEARING COURSE TYPE IVS
327	TON	U.S. ROUTE 5 SIDE ROADS WEARING COURSE TYPE IVS
1030	TON	U.S. ROUTE 5 LEVELING (TYPE IVS)
2750	TON	ALT. U.S. ROUTE 5 MAINLINE WEARING COURSE TYPE IVS
3167	TON	ALT. U.S. ROUTE 5 MAINLINE INTERMEDIATE COURSE TYPE IIS
200	TON	ALT. U.S. ROUTE 5 SIDE ROADS WEARING COURSE TYPE IVS
395	TON	ALT. U.S. ROUTE 5 SIDE ROADS INTERMEDIATE COURSE TYPE IIS
399	TON	ALT. U.S. ROUTE 5 LEVELING (TYPE IVS)
		LYNDON
2316	TON	U.S. ROUTE 5 MAINLINE WEARING COURSE TYPE IVS
269	TON	U.S. ROUTE 5 SIDE ROADS WEARING COURSE TYPE IVS
862	TON	U.S. ROUTE 5 LEVELING (TYPE IVS)
1404	TON	ALT. VT ROUTE 122 MAINLINE WEARING COURSE TYPE IVS
42	TON	ALT. VT ROUTE 122 BRIDGE WEARING COURSE TYPE IVS
106	TON	ALT. VT ROUTE 122 SIDE ROADS WEARING COURSE TYPE IVS
503	TON	ALT. VT ROUTE 122 LEVELING (TYPE IVS)
		SAFE ROUTES TO SCHOOL SRIN(20)
		ST. JOHNSBURY
13.1	TON	U.S. ROUTE 2 MAINLINE BASE & INTERMEDIATE COURSE TYPE IIS
286.9	TON	ROUNDING
26050	TON	TOTAL

Stantec

PROJECT NAME: ST. JOHNSBURY-LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: ...\Plotfiles\pllc308qs01.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 8 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	NO FEDERAL PART.	NO FEDERAL/ STATE PART.	TRAINING	RAILROAD	BRIDGE	FULL C.E. ITEMS	ROADWAY SRIN(20)
28							
1425							
2400							
37.5							
21							
3725							
248							
1700							
17300							
						1	
						1	
						1	
						3000	
			1040				
1							
1							
6							
4							
79400							
74700							
1750							
895							
1570							
570							
15							
4910							
7							
158700							
148400							
3460							
1790							
3140							
1036							
9750							
14							
4370							
600							
170							
910							
4							

TOTALS

GRAND TOTAL	FINAL
28	
1425	
2400	
37.5	
21	
3725	
248	
1700	
17300	
1	
1	
1	
3000	
1040	
1	
1	
6	
4	
79400	
74700	
1750	
895	
1570	
570	
15	
4910	
7	
158700	
148400	
3460	
1790	
3140	
1036	
9750	
14	
4370	
600	
170	
910	
4	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
EACH	YIELDING MARKER POSTS	619.17	EST.
LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	25.5
LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	30
LF	HD STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.215	5
EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-
LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	3.5
EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-
HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
HR	FLAGGERS	630.15	EST.
LS	FIELD OFFICE, ENGINEERS	631.10	-
LS	TESTING EQUIPMENT, CONCRETE	631.16	-
LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
HR	EMPLOYEE TRAINEESHIP (N.A.B.I.)	634.10	EST.
LS	MOBILIZATION/DEMOBILIZATION	635.11	-
LS	TRAFFIC CONTROL	641.10	-
EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
EACH	RAILROAD CROSSING SYMBOL	646.32	-
LF	DURABLE 4 INCH WHITE LINE, TYPE A TAPE	646.4011	816
LF	DURABLE 4 INCH YELLOW LINE, TYPE A TAPE	646.4111	750
LF	DURABLE 8 INCH WHITE LINE, TYPE A TAPE	646.4411	37
LF	DURABLE 8 INCH YELLOW LINE, TYPE A TAPE	646.4511	10
LF	DURABLE 24 INCH STOP BAR, TYPE A TAPE	646.4811	15
EACH	DURABLE LETTER OR SYMBOL, TYPE D TAPE	646.4914	-
LF	DURABLE CROSSWALK MARKING	646.500	1
LF	DURABLE CROSSWALK MARKING, TYPE A TAPE	646.5011	54
LF	DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE	646.5114	-
LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	1532
LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	1492
LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	34
LF	TEMPORARY 8 INCH YELLOW LINE, PAINT	646.652	20
LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	30
EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	130
EACH	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-
EACH	LINE STRIPING TARGETS	646.76	53
SY	GEOTEXTILE UNDER STONE FILL	649.31	13
LB	SEED	651.15	6
LB	FERTILIZER	651.18	EST.
TON	AGRICULTURAL LIMESTONE	651.20	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SEED
2	LB	DITCH CLEANING
157	LB	TURF ESTABLISHMENT
0.8	LB	LYNDON U.S. ROUTE 5 CENTER ISLAND STA. 149+35 - 150+85, LT
3.2	LB	LYNDON U.S. ROUTE 5 GROVE ST. PAVEMENT REMOVAL
		SAFE ROUTES TO SCHOOL SRIN(20)
		ST. JOHNSBURY
0.2	LB	U.S. ROUTE 2 STA. 153+23, LT
0.8	LB	U.S. ROUTE 2 BARKER AVE. PAVEMENT REMOVAL
6	LB	ROUNDING
170	LB	TOTAL

Stantec

PROJECT NAME: ST. JOHNSBURY-LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: ...\Plotfiles\pllc308qs02.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 9 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	NO FEDERAL PART.	NO FEDERAL/ STATE PART.	TRAINING	RAILROAD	BRIDGE	FULL C.E. ITEMS	ROADWAY SRIN(20)
5							
295							
930							
23							
4600							
4700							
6625							
41							
1045							
47							
21							
1							
3							
6							
1							
	1						
	60						
1							
2							
				330			
	59						
	5						
	63						
10							
1							
1							
1							
1							
100							
				105			
				1			
				1			
				1			
				1			
				1			

TOTALS

GRAND TOTAL	FINAL
5	
295	
930	
23	
4600	
4700	
6625	
41	
1045	
47	
21	
1	
3	
6	
1	
1	
60	
1	
2	
330	
59	
5	
63	
10	
1	
1	
1	
1	
100	
105	
1	
1	
1	
1	
1	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
TON	HAY MULCH	651.25	EST.
CY	TOPSOIL	651.35	EST.
SY	TEMPORARY EROSION MATTING	653.20	10
EACH	INLET PROTECTION DEVICE, TYPE II	653.41	-
SF	TRAFFIC SIGNS, TYPE A	675.20	41.97
LB	TUBULAR STEEL SIGN POST	675.33	37
LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	12
EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-
EACH	REMOVING SIGNS	675.50	-
EACH	ERECTING SALVAGED SIGNS	675.60	-
EACH	DELINEATOR WITH STEEL POST	676.10	-
LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-
EACH	SPECIAL PROVISION (ADJUST SIDE INLET CATCH BASIN)	900.620	
EACH	SPECIAL PROVISION (CPM SCHEDULE)	900.620	-
EACH	SPECIAL PROVISION (FLASHING BEACON SIGNAL HEADS, LED)(U.S. ROUTE 5 @ MAIN STREET)	900.620	-
EACH	SPECIAL PROVISION (PARKING METER)	900.620	-
EACH	SPECIAL PROVISION (PARKING METER POST)	900.620	-
EACH	SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN)(U.S. ROUTE 2 @ CONCORD AVENUE)	900.620	-
EACH	SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)	900.620	-
EACH	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES)	900.620	EST.
EACH	SPECIAL PROVISION (REMOVE AND RESET PARKING METER)	900.620	-
EACH	SPECIAL PROVISION (REMOVE PARKING METER)	900.620	-
EACH	SPECIAL PROVISION (REMOVE PARKING METER POST)	900.620	-
EACH	SPECIAL PROVISION (SOIL BEARING SLIP BASE)(2 1/2")	900.620	-
EACH	SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED)(U.S. ROUTE 5 @ CONCORD AVENUE)	900.620	-
EACH	SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM)(U.S. ROUTE 2 @ CONCORD AVENUE)	900.620	-
EACH	SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM)(U.S. ROUTE 5 @ ALT. U.S. ROUTE 5)	900.620	-
EACH	SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM)(U.S. ROUTE 5 @ CONCORD AVENUE)	900.620	-
LF	SPECIAL PROVISION (ALUMINUM APPROACH RAILING)	900.640	-
LF	SPECIAL PROVISION (RUBBER RAIL SEAL)	900.640	5
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-917P)	900.645	-
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-918W)	900.645	-
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-919D)	900.645	-
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-935M)	900.645	-
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-938H)	900.645	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		TEMPORARY EROSION MATTING
170	SY	DITCH CLEANING
525	SY	GUARDRAIL END SECTIONS
196	SY	LYNDON U.S. ROUTE 5 GROVE ST. PAVEMENT REMOVAL
		SAFE ROUTES TO SCHOOL SRIN(20)
		ST. JOHNSBURY
29	SY	U.S. ROUTE 2 BARKER AVE. PAVEMENT REMOVAL
10	SY	ROUNDING
930	SY	TOTAL

Stantec

PROJECT NAME: ST. JOHNSBURY-LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: ...\Plotfiles\plic308qs03.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/2/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 10 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 4

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY	NO FEDERAL PART.	NO FEDERAL/ STATE PART.	TRAINING	RAILROAD	BRIDGE	FULL C.E. ITEMS	ROADWAY SRIN(20)
				1			
				1			
				1			
				1			
				1			
				1			
				1			
				1			
				1			
				1			
				1			
				1			
5975							40
200							
1505							

TOTALS

GRAND TOTAL	FINAL
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
6015	
200	
1505	

DESCRIPTIONS

UNIT	ITEMS	ITEM NUMBER	ROUND
LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-939P)	900.645	-
LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)(AARDOT 850-918W)	900.645	-
LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)(AARDOT 850-919D)	900.645	-
LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)(AARDOT 850-935M)	900.645	-
LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)(AARDOT 850-938H)	900.645	-
LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)(AARDOT 850-939P)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-917P)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-918W)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-919D)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-935M)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-938H)	900.645	-
LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING)(AARDOT 850-939P)	900.645	-
LU	SPECIAL PROVISION (MAINTENANCE OF RAILROAD TRAFFIC)(N.A.B.I.)	900.650	-
SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	64
TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)	900.680	EST.
CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H)	900.683	16.4

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

Stantec

PROJECT NAME: ST. JOHNSBURY-LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: ...\Plotfiles\pllc308qs04.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/29/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 11 OF 250

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF ST. JOHNSBURY																					
U.S. ROUTE 2																					
141+50.04	248+10.72	LT&RT										32	44	74	10	9					QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29
143+60.0	146+85.0	RT	329			2	317			50											INSTALL ANCHOR @ STA. 143+60.0 & STA. 146+85.0
148+54		LT							3.9		3.7								12		CONSTRUCT SIDEWALK RAMP, TYPE 2
148+54		LT							3.9		3.3							16			RECONSTRUCT MEDIAN ISLAND CUT THROUGH. SEE SHEET 57.
148+54		RT							4.3		4.0								11.5		CONSTRUCT SIDEWALK RAMP, TYPE 2
153+23		RT							6.9		11.7										CONSTRUCT SIDEWALK RAMP, TYPE 2 (PAID AS ROADWAY SRIN(20))
153+23		LT							3.9		8.9								28		CONSTRUCT SIDEWALK RAMP, TYPE 3 (PAID AS ROADWAY SRIN(20))
160+68		RT							16.7		18.6								42		CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
160+95	161+17	RT							3.2												REMOVE BARKER AVENUE EXISTING PAVEMENT. SEE SHEET 64 (PAID AS ROADWAY SRIN(20)).
161+08		RT							9.2		10.3								54		CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
161+24	162+31	RT							25.1		39.4										CONSTRUCT SIDEWALK (5" DEPTH) STA. 161+24 TO 161+86. CONSTRUCT SIDEWALK (8" DEPTH) STA. 161+86 TO 162+31. REMOVE AND RESET CURB. SEE SHEET 58 (PAID AS ROADWAY SRIN(20)).
163+27		RT							0.8		0.9										CONSTRUCT SIDEWALK RAMP, TYPE 1
163+50		RT							0.9		0.9										CONSTRUCT SIDEWALK RAMP, TYPE 1
163+88		RT							1.0		1.1										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
163+88		LT							1.0		1.1										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
172+92		RT							6.1		5.8										CONSTRUCT SIDEWALK RAMP, TYPE 2
172+92		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
176+17		LT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
176+17		RT							1.9		1.8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
179+76		RT							0.7		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
180+29		RT							0.4		0.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
180+33		LT							6.5		6.1									11.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
181+00		LT							1.7		1.6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
181+40		LT							2.5		2.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
182+61		LT							4.2		4.0									9.5	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
182+65		RT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
183+04		RT							3.2		3.0									5.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
185+15	185+31	LT																			CONSTRUCT BITUMINOUS GUTTER. SEE DETAIL ON SHEET 56
185+24		RT							3.2		3.2									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
185+26		LT							2.4		2.3									5.5	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
185+66		LT							2.7		2.6										CONSTRUCT SIDEWALK RAMP, TYPE 1
187+75		LT							2.4		2.3									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
188+09		LT							1.9		1.8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:			329			2	317		123.1	50	144.3	32	44	74	10	9		16	147.5	51	

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 12 OF 250

ITEM DETAIL SUMMARY SHEET 2

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. GUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF ST. JOHNSBURY																			
U.S. ROUTE 2																			
141+50.40	248+10.72	LT&RT								5					22	22	2	24	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER
143+60.0	146+85.0	RT										50	2						INSTALL ANCHOR @ STA. 143+60.0 & STA. 146+85.0
148+54		LT			12		13		8										CONSTRUCT SIDEWALK RAMP, TYPE 2
148+54		CL			21	0.3													RECONSTRUCT MEDIAN ISLAND CUT THROUGH. SEE SHEET 57.
148+54		RT			11.5		14		8										CONSTRUCT SIDEWALK RAMP, TYPE 2
153+23		RT		29			18		10										CONSTRUCT SIDEWALK RAMP, TYPE 2 (PAID AS ROADWAY SRIN(20))
153+23		LT		10			7		20										CONSTRUCT SIDEWALK RAMP, TYPE 3 (PAID AS ROADWAY SRIN(20))
160+68		RT		20			38		12										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
160+95	161+17	RT										29							REMOVE BARKER AVENUE EXISTING PAVEMENT. SEE SHEET 64 (PAID AS ROADWAY SRIN(20)).
161+08		RT					18		12										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
161+24	162+31	RT		71			38	26											CONSTRUCT SIDEWALK (5" DEPTH) STA. 161+24 TO 161+86. CONSTRUCT SIDEWALK (8" DEPTH) STA. 161+86 TO 162+31. REMOVE AND RESET CURB. SEE SHEET 58 (PAID AS ROADWAY SRIN(20)).
163+27		RT					3		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
163+50		RT					3		10										CONSTRUCT SIDEWALK RAMP, TYPE 1
163+88		RT					3		10										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
163+88		LT					3		10										CONSTRUCT SIDEWALK RAMP, TYPE 1 (PAID AS ROADWAY SRIN(20))
172+92		RT					20		8										CONSTRUCT SIDEWALK RAMP, TYPE 2
172+92		LT					3		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DTECTABLE WARNING SURFACE
176+17		LT					3		9										CONSTRUCT SIDEWALK LANDING AND INSTALL DTECTABLE WARNING SURFACE
176+17		RT					6		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DTECTABLE WARNING SURFACE
179+76		RT					2		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
180+29		RT					1		7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
180+33		LT			11.0		21		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DTECTABLE WARNING SURFACE
181+00		LT					5		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
181+40		LT					8		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
182+61		LT			9.5		14		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DTECTABLE WARNING SURFACE
182+65		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
183+04		RT			5.0		10		12										CONSTRUCT SIDEWALK RAMP, TYPE 1
185+15	185+31	LT				3													CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
185+24		RT			10.0		11		8										CONSTRUCT SIDEWALK RAMP, TYPE 6
185+26		LT			5.5		8		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
185+66		LT					9		12										CONSTRUCT SIDEWALK RAMP, TYPE 1
187+75		LT			10.0		8		12										CONSTRUCT SIDEWALK RAMP, TYPE 1
188+09		LT					6		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:				130	95.5	3.3	296	26	296	5		79	2		22	22	2	24	

ITEM DETAIL SUMMARY SHEET #2

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 13 OF 250

ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF ST. JOHNSBURY																					
U.S. ROUTE 2 (CONT.)																					
188+21		RT							2.8		2.6								12		CONSTRUCT SIDEWALK RAMP, TYPE 6
201+96		RT							0.7		0.7									5.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
202+76		RT							1.5		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
203+83		RT							2.2		2.1									14.5	CONSTRUCT SIDEWALK RAMP, TYPE 6
204+67		RT							3.3		3.2									19.5	CONSTRUCT SIDEWALK RAMP, TYPE 6
206+36		LT							0.6		0.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
206+36		RT							1.7		1.6									10.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
206+72		LT							1.2		1.2										CONSTRUCT SIDEWALK RAMP, TYPE 1
209+36		RT							1.4		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
209+39		LT							1.0		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
215+31		RT							1.3		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
215+33		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
216+13		RT							2.2		2.1									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
216+42		RT							1.5		1.4									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
218+67		RT							1.2		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
218+67		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
220+14		LT							1.3		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
220+80		LT							1.0		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+00		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+77		LT							1.5		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+77		RT							4.2		4.0									9.5	CONSTRUCT SIDEWALK RAMP, TYPE 6
222+56		RT							4.9		4.7									21.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
226+38		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
230+00		LT							1.5		1.4									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
231+60		RT							3.9		4.9									20.0	CONSTRUCT NEW CURB AND SIDEWALK WITH A TYPE I RAMP SEE SHEET 57
237+32.5	237+70.0	RT	14.5			1	13	25		25											INSTALL ANCHOR @ STA. 237+32.5; CONNECT TO NEW ALUMINUM APPROACH RAILING @ STA. 237+45.0; CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 237+70.0
237+47.0	237+74.0	LT					27	25													CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 237+74.0
238+37.0	238+74.5	RT	14.5			1	25	25		25											CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 238+37.0; CONNECT TO NEW ALUMINUM APPROACH RAILING @ STA. 238+62.0; INSTALL ANCHOR @ STA. 238+74.5
238+40.0	238+65.0	LT					12.5	25													CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 238+40.0
239+17		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
241+53		LT							1.4		1.4										CONSTRUCT SIDEWALK RAMP, TYPE 1
241+93		LT							0.6		0.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:			29			2	77.5	100	46.9	50	45.8								12	129.5	

ITEM DETAIL SUMMARY SHEET #3

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 14 OF 250

ITEM DETAIL SUMMARY SHEET 4

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. CUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF ST. JOHNSBURY																			
U.S. ROUTE 2 (CONT.)																			
188+21		RT			12.0		9		10										CONSTRUCT SIDEWALK RAMP, TYPE 6
201+96		RT			5.0		2		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
202+76		RT					5		18										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
203+83		RT			14.5		7		18										CONSTRUCT SIDEWALK RAMP, TYPE 6
204+67		RT			19.5		11		20										CONSTRUCT SIDEWALK RAMP, TYPE 6
206+36		LT					2		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
206+36		RT			10.0		5		18										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
206+72		LT					4		6										CONSTRUCT SIDEWALK RAMP, TYPE 1
209+36		RT					4		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
209+39		LT					3		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
215+31		RT					4		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
215+33		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
216+13		RT			10.0		7		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
216+42		RT			10.0		5		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
218+67		RT					4		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
218+67		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
220+14		LT					4		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
220+80		LT					3		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+00		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+77		LT					5		18										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
221+77		RT			9.5		14		20										CONSTRUCT SIDEWALK RAMP, TYPE 6
222+56		RT			21.0		16		10										CONSTRUCT SIDEWALK RAMP, TYPE 6
226+38		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
230+00		LT			10.0		5		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
231+60		RT			10.0		8		6										CONSTRUCT NEW CURB AND SIDEWALK WITH A TYPE 1 RAMP SEE SHEET 57
237+32.5	237+70.0	RT										25	1						INSTALL ANCHOR @ STA. 237+32.5; CONNECT TO NEW ALUMINUM APPROACH RAILING @ STA. 237+45.0; CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 237+70.0
237+47.0	237+74.0	LT																	CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 237+74.0
238+37.0	238+74.5	RT										25	1						CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 238+37.0; CONNECT TO NEW ALUMINUM APPROACH RAILING @ STA. 238+62.0; INSTALL ANCHOR @ STA. 238+74.5
238+40.0	238+65.0	LT																	CONNECT NEW ALUMINUM APPROACH RAILING TO EXISTING ALUMINUM BRIDGE RAIL @ STA. 238+40.0
239+17		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
241+53		LT					5		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
241+93		LT					2		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:					131.5		149		316			50	2						

ITEM DETAIL SUMMARY SHEET #4

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 15 OF 250

ITEM DETAIL SUMMARY SHEET 5

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF ST. JOHNSBURY																					
U.S. ROUTE 2 (CONT.)																					
245+70		LT							0.7		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
245+88		RT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
TOWN OF ST. JOHNSBURY																					
U.S. ROUTE 5																					
70+59.36	151+85.28	LT&RT										104	14	43	5	5					QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29
75+00		LT							2.2		2.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
75+90		LT							2.0		1.9									14.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
79+05		LT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
85+48		LT							1.8		1.8									6.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
85+81		LT							2.4		2.3									11.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
88+53		LT							1.6		1.6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
88+53		RT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
90+68		RT							3.2		3.0										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
90+92		LT							3.7		3.5								4.0		CONSTRUCT SIDEWALK RAMP, TYPE 5
91+24		RT							1.4		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
91+49		RT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
91+74		LT							4.9		4.7								13.5		CONSTRUCT SIDEWALK RAMP, TYPE 5
93+74		LT							1.2		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
93+82		RT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
94+85		LT							1.2		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
95+02		RT							1.2		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+66		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+66		RT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+85		RT							1.2		1.2								7.5		CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
97+74		RT							2.5		2.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
99+46		LT							5.0		4.7									11.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
99+47		RT							1.1		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
99+83		LT							0.8		0.7									11.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
101+77		RT							1.1		1.1									6.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
101+77		LT							1.1		1.1									6.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
104+83		LT							2.1		1.9									15.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
105+13		LT							2.2		2.1									10.5	CONSTRUCT SIDEWALK RAMP, TYPE 1
111+13		RT							3.1		3.0									14.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
111+31		LT							1.5		1.4									10.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:									55.1		53.2	104	14	43	5	5			25	114.5	

ITEM DETAIL SUMMARY SHEET #5

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 16 OF 250

ITEM DETAIL SUMMARY SHEET 6

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. CUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF ST. JOHNSBURY																			
U.S. ROUTE 2 (CONT.)																			
245+70		LT					2		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
245+88		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
TOWN OF ST. JOHNSBURY																			
U.S. ROUTE 5																			
70+59.36	151+85.28	LT&RT								5		108		1	24	23	2	25	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. SEE DITCH CLEANING DETAIL SHEET 59
75+00		LT					7		20										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
75+90		LT			13.0		7		8										CONSTRUCT SIDEWALK RAMP, TYPE 6
79+05		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
85+48		LT			6.0		6		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
85+81		LT			11.0		8		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
88+53		LT					5		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
88+53		RT					3		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
90+68		RT					10		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
90+92		LT			4.0		12		16										CONSTRUCT SIDEWALK RAMP, TYPE 5
91+24		RT					5		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
91+49		RT					3		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
91+74		LT			13.5		16		16										CONSTRUCT SIDEWALK RAMP, TYPE 5
91+74		LT			13.5		16		16										CONSTRUCT SIDEWALK RAMP, TYPE 5
93+74		LT					4		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
93+82		RT					3		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
94+85		LT					4		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
95+02		RT					4		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+66		LT					3		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+66		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
96+85		RT			7.5		4		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
97+74		RT					8		28										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
99+46		LT		20	11.0		16		12										CONSTRUCT SIDEWALK RAMP, TYPE 6
99+47		RT					4		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
99+83		LT			11.0		3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
101+77		RT			6.0		4		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
101+77		LT			6.0		4		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
104+83		LT			15.0		7		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
105+13		LT			10.5		7		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
111+13		RT			14.0		10		12										CONSTRUCT SIDEWALK RAMP, TYPE 6
111+31		LT			10.0		5		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:				20	138.5		183		382	5		108		1	24	23	2	25	

ITEM DETAIL SUMMARY SHEET #6

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 17 OF 250

ITEM DETAIL SUMMARY SHEET 7

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF ST. JOHNSBURY																					
U.S. ROUTE 5 (CONT.)																					
112+79		RT							2.8		2.6								5		CONSTRUCT SIDEWALK RAMP, TYPE 1
112+97		RT							5.5		5.3										CONSTRUCT NEW SIDEWALK AND SIDEWALK RAMP, TYPE 1
118+75		LT							2.2		2.1										CONSTRUCT SIDEWALK (5" DEPTH) AND SIDEWALK RAMP, TYPE 1
118+75	119+41	RT							21.5		26.6								82		CONSTRUCT NEW SIDEWALK, NEW CURB, A TYPE 6 RAMP AT STA. 118+75, RT AND A TYPE 1 RAMP AT STA. 119+41, RT. SEE SHEET 57 (PAID AS NON-FEDERAL/STATE PARTICIPATING).
119+53		RT							3.6		3.5									24.5	CONSTRUCT SIDEWALK RAMP, TYPE 6
120+34.0	128+21.5	RT	59	770		2	777.5			50											INSTALL ANCHORS @ STA. 120+34.0 & 128+21.5. SEE REDUCED POST SPACING DETAILS ON SHEETS 96-98
129+45.0	131+21.0	RT	56.5	137.5		2	172.5			50											INSTALL ANCHORS @ STA. 129+45.0 & 131+20.0. SEE REDUCED POST SPACING DETAIL #2 ON SHEET 98
140+91		LT							2.4		2.3									16.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
141+97	142+38	LT							11.3		14.0								43		CONSTRUCT NEW SIDEWALK, NEW CURB, AND TYPE 1 RAMPS AT STA. 141+97, LT AND STA. 142+38, LT. SEE SHEET 57 (PAID AS NON-FEDERAL/STATE PARTICIPATING).
142+49.0	143+43.0	RT	102			1	100			25											INSTALL ANCHOR @ STA. 142+49.0; CONNECT TO EXISTING BRIDGE RAILING @ STA. 143+43.0 SEE SHEET 31
142+75.0	143+66.0	LT	102			1	100			25											INSTALL ANCHOR @ STA. 142+76.0; CONNECT TO EXISTING BRIDGE RAILING @ STA. 143+66.0 SEE SHEET 31
142+90		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
145+66.5	146+06.5	RT	52			1	50			25											CONNECT TO EXISTING BRIDGE RAILING @ STA. 145+66.5; INSTALL ANCHOR @ STA. 146+06.5
145+79.0	147+16.5	LT	139.5			1	137.5			25											CONNECT TO EXISTING BRIDGE RAILING @ STA. 145+79.0; INSTALL ANCHOR @ STA. 147+16.5
TOWN OF ST. JOHNSBURY ALT. U.S. ROUTE 5																					
0+00.00	67+53.12	LT&RT										35	33	48	6	6	130				QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29. SEE DITCH CLEANING DETAIL SHEET 59
2+62.5	17+75.0	RT	54	1462.5		2	1511			50											INSTALL ANCHOR @ STA. 2+62.5 & STA. 17+75.0; INSTALL TREATED TIMBER CURB STA. 3+00 TO 7+10 & STA. 14+45 TO 17+50.
20+13		LT							2.0		1.9										CONSTRUCT SIDEWALK RAMP, TYPE 1
20+50		LT							1.4		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
21+50		LT							1.5		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
21+50		RT							1.1		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
24+94		RT							1.8		1.8									7.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
26+04		RT							2.6		2.5									6.5	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
26+16		LT							5.9		5.6									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 5
27+76		LT							1.6		1.6									18.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
28+21		LT							2.5		2.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
28+22		RT							1.7		1.6									10.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
30+21		RT							6.2		6.0									26.0	CONSTRUCT SIDEWALK RAMP, TYPE 5
SHEET SUBTOTALS:			565	2370		10	2848.5		78.4	250	84.7	35	33	48	6	6	130		130	118	

ITEM DETAIL SUMMARY SHEET #7

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 18 OF 250

ITEM DETAIL SUMMARY SHEET 8

LOCATION			MISCELLANEOUS															
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. GUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	REMARKS
TOWN OF ST. JOHNSBURY																			
U.S. ROUTE 5 (CONT.)																			
112+79		RT		11			9		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
112+97		RT					18		8										CONSTRUCT NEW SIDEWALK AND SIDEWALK RAMP, TYPE 1
118+75		LT			9.0		7		12										CONSTRUCT SIDEWALK (5" DEPTH) AND SIDEWALK RAMP, TYPE 1
118+75	119+41	RT					46		16										CONSTRUCT NEW SIDEWALK, NEW CURB, A TYPE 6 RAMP AT STA. 118+75, RT AND A TYPE 1 RAMP AT STA. 119+41, RT. SEE SHEET 57 (PAID AS NON-FEDERAL/STATE PARTICIPATING).
119+53		RT			24.5		12		8										CONSTRUCT SIDEWALK RAMP, TYPE 6
120+32.5	128+20.5	RT										50	2						INSTALL ANCHORS @ STA. 120+34.0 & 128+21.5. SEE REDUCED POST SPACING DETAILS ON SHEETS 96-98
129+48.0	131+23.0	RT										50	2						INSTALL ANCHORS @ STA. 129+45.0 & 131+20.0. SEE REDUCED POST SPACING DETAIL #2 ON SHEET 98
140+91		LT			16.0		8		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
141+97	142+38	LT					24		16										CONSTRUCT NEW SIDEWALK, NEW CURB, AND TYPE 1 RAMPS AT STA. 141+97, LT AND STA. 142+38, LT. SEE SHEET 57 (PAID AS NON-FEDERAL/STATE PARTICIPATING).
142+49.0	143+43.0	RT										25	1						INSTALL ANCHOR @ STA. 142+49.0; CONNECT TO EXISTING BRIDGE RAILING @ STA. 143+43.0 SEE SHEET 31
142+75.0	143+66.0	LT										25	1						INSTALL ANCHOR @ STA. 142+76.0; CONNECT TO EXISTING BRIDGE RAILING @ STA. 143+66.0 SEE SHEET 31
142+90		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
145+66.5	146+06.5	RT										25	1						CONNECT TO EXISTING BRIDGE RAILING @ STA. 145+66.5; INSTALL ANCHOR @ STA. 146+06.5
145+79.0	147+16.5	LT										25	1						CONNECT TO EXISTING BRIDGE RAILING @ STA. 145+79.0; INSTALL ANCHOR @ STA. 147+16.5
TOWN OF ST. JOHNSBURY																			
ALT. U.S. ROUTE 5																			
0+00.00	67+53.12	LT&RT								9	587				14	14	1	14	QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29. SEE DITCH CLEANING DETAIL SHEET 59
2+62.5	17+75.0	RT	715									50	2						INSTALL ANCHOR @ STA. 2+62.5 & STA. 17+75.0; INSTALL TREATED TIMBER CURB STA. 3+00 TO 7+10 & STA. 14+45 TO 17+50.
20+13		LT					7		6										CONSTRUCT SIDEWALK RAMP, TYPE 1
20+50		LT					5		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
21+50		LT					5		30										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
21+50		RT					4		20										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
24+94		RT			7.0		6		20										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
26+04		RT			6.5		8		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
26+16		LT			10.0		19		10										CONSTRUCT SIDEWALK RAMP, TYPE 5
27+76		LT			18.0		5		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
28+21		LT					8		26										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
28+22		RT			10.0		6		18										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
30+21		RT			26.0		20		16										CONSTRUCT SIDEWALK RAMP, TYPE 5
SHEET SUBTOTALS:			715	11	127.0		220		272	9	587	250	10		14	14	1	14	

ITEM DETAIL SUMMARY SHEET #8

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(11)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 19 OF 250

ITEM DETAIL SUMMARY SHEET 9

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF ST. JOHNSBURY																					
ALT. U.S. ROUTE 5 (CONT.)																					
30+22		LT							3.2		3.0									8.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
31+13		RT							3.6		3.5									18.5	CONSTRUCT SIDEWALK RAMP, TYPE 1
31+40		RT							3.2		3.2									5.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
32+50		LT							2.1		2.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
32+50		RT							2.2		2.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
33+23		RT							3.8		3.7										CONSTRUCT SIDEWALK RAMP, TYPE 1
33+49		RT							1.6		1.6										CONSTRUCT SIDEWALK RAMP, TYPE 1
36+37		LT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+53		RT							0.5		0.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+61		RT							0.6		0.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+92		RT							2.1		1.9										CONSTRUCT SIDEWALK RAMP, TYPE 1
37+47		LT							3.2		3.0									8.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
37+81		LT							2.5		2.5										CONSTRUCT SIDEWALK RAMP, TYPE 1
41+26		RT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
41+50		RT							1.3		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
48+22		LT							0.8		0.7									8.5	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
48+35		RT							3.5		3.3										CONSTRUCT SIDEWALK RAMP, TYPE 1
48+60		RT							5.6		5.4										CONSTRUCT SIDEWALK RAMP, TYPE 3
50+00		LT							2.5		2.5										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+33		LT							1.8		1.8										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+55		RT							2.5		2.5										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+75		RT							2.9		2.8									10.0	CONSTRUCT SIDEWALK RAMP, TYPE 1
51+03		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
51+13		RT							1.2		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
61+46		RT							1.0		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
66+54		RT							1.0		1.1									19.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
66+80		LT							1.0		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
TOWN OF LYNDON																					
U.S. ROUTE 5																					
139+49.76	191+18.88	LT&RT										43	9	26	3	4					QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29. SEE DITCH CLEANING DETAIL SHEET 59
148+28		LT							0.6		0.5										CONSTRUCT SIDEWALK RAMP, TYPE 1
148+97		LT							1.3		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
149+35	150+85	LT							31.6		49.2							296	10		CONSTRUCT PEDESTRIAN REFUGE ISLAND. SEE DETAIL ON SHEET 57
150+09		RT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:									90.6		106.1	43	9	26	3	4		296	10	77.0	

ITEM DETAIL SUMMARY SHEET #9

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 20 OF 250

ITEM DETAIL SUMMARY SHEET 10

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. CUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF ST. JOHNSBURY																			
ALT. U.S. ROUTE 5 (CONT.)																			
30+22		LT			8.0		10		10										CONSTRUCT SIDEWALK RAMP, TYPE 6
31+13		RT			18.5		12		12										CONSTRUCT SIDEWALK RAMP, TYPE 1
31+40		RT			5.0		11		10										CONSTRUCT SIDEWALK RAMP, TYPE 1
32+50		LT					7		20										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
32+50		RT					7		22										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
33+23		RT					12		12										CONSTRUCT SIDEWALK RAMP, TYPE 1
33+49		RT					5		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
36+37		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+53		RT					2		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+61		RT					2		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
36+92		RT					7		10										CONSTRUCT SIDEWALK RAMP, TYPE 1
37+47		LT			8.0		10		10										CONSTRUCT SIDEWALK RAMP, TYPE 1
37+81		LT					8		10										CONSTRUCT SIDEWALK RAMP, TYPE 1
41+26		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
41+50		RT					4		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
48+22		LT			8.5		3		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
48+35		RT					11		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
48+60		RT					18		18										CONSTRUCT SIDEWALK RAMP, TYPE 3
50+00		LT					8		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+33		LT					6		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+55		RT					8		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
50+75		RT			10.0		9		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
51+03		LT					2		14										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
51+13		RT					4		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
61+46		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
66+54		RT			19.0		3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
66+80		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
TOWN OF LYNDON																			
U.S. ROUTE 5																			
139+49.76	191+18.88	LT&RT								1		62							QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29.
																			SEE DITCH CLEANING DETAIL SHEET 59
148+28		LT					2		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
148+97		LT					4		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
149+35	150+85	LT																	CONSTRUCT PEDESTRIAN REFUGE ISLAND. SEE DETAIL ON SHEET 57
150+09		RT			5.0		3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
SHEET SUBTOTALS:					82.0		190.0		316	1		62							

ITEM DETAIL SUMMARY SHEET #10

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 21 OF 250

ITEM DETAIL SUMMARY SHEET 11

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF LYNDON																					
U.S. ROUTE 5 (CONT.)																					
151+75		RT							0.8		0.7										CONSTRUCT SIDEWALK RAMP, TYPE 1
151+89		LT							3.9		3.7									17	CONSTRUCT SIDEWALK RAMP, TYPE 5
152+28		LT							1.0		1.1									5.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
152+56		RT							2.2		2.1									25.5	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
153+95		RT							1.4		1.4										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
153+99		LT							3.0		2.8									18.5	CONSTRUCT SIDEWALK RAMP, TYPE 6
154+68		RT							1.4		1.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
155+63		LT							0.7		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
155+63		RT							0.8		0.9									5.0	CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
156+20		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
158+04		RT							2.8		2.6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
158+06		LT							2.8		2.6									6.0	CONSTRUCT SIDEWALK RAMP, TYPE 6
158+25		LT							4.2		4.0									5.0	CONSTRUCT SIDEWALK RAMP, TYPE 5
159+00		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
159+44		LT							2.0		1.9										CONSTRUCT SIDEWALK RAMP, TYPE 1
159+93		RT							1.6		1.6										CONSTRUCT SIDEWALK RAMP, TYPE 2
159+93		LT							1.2		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
161+45	161+64	RT																			CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
161+50		LT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
162+65		LT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
163+15		RT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
163+40		RT							0.7		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
163+82		RT							1.6		1.6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
164+02		RT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
171+42		RT							1.7		1.6										CONSTRUCT SIDEWALK RAMP, TYPE 2
171+53		LT							1.5		1.4									8.0	CONSTRUCT SIDEWALK RAMP, TYPE 2
171+75		RT							21.6												REMOVE GROVE STREET EXISTING PAVEMENT. SEE SHEET 127.
176+72		LT							0.8		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
186+27		LT							1.5		1.4										CONSTRUCT SIDEWALK RAMP, TYPE 1
186+75		RT							0.9		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
187+62.5	188+12.5	LT	54			2	50			50											INSTALL ANCHOR @ STA. 187+62.5 & STA. 188+12.5.
189+53.0	189+90.5	LT	41.5			2	37.5			50											INSTALL ANCHOR @ STA. 189+53.0 & STA. 189+90.5.
189+97.5	190+97.5	RT	102			1	100			25											INSTALL ANCHOR @ STA. 189+97.5; CONNECT TO EXISTING BRIDGE RAIL @ STA. 190+97.5
SHEET SUBTOTALS:			197.5			5	187.5		61.7	125	38.3									90.0	

ITEM DETAIL SUMMARY SHEET #11

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 22 OF 250

ITEM DETAIL SUMMARY SHEET 12

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. GUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF LYNDON																			
U.S. ROUTE 5 (CONT.)																			
151+75		RT					3		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
151+89		LT			17		13		8										CONSTRUCT SIDEWALK RAMP, TYPE 5
152+28		LT			5.0		3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
152+56		RT			25.5		7		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
153+95		RT					5		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
153+99		LT			18.5		10		8										CONSTRUCT SIDEWALK RAMP, TYPE 6
154+68		RT					4		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
155+63		LT					2		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
155+63		RT			5.0		3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
156+20		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
158+04		RT					9		16										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
158+06		LT			6.0		9		8										CONSTRUCT SIDEWALK RAMP, TYPE 6
158+25		LT			5.0		14		8										CONSTRUCT SIDEWALK RAMP, TYPE 5
159+00		LT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
159+44		LT					7		6										CONSTRUCT SIDEWALK RAMP, TYPE 1
159+93		RT					5		8										CONSTRUCT SIDEWALK RAMP, TYPE 2
159+93		LT					4		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
161+45	161+64	RT				0.9													CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
161+50		LT				0.2													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
162+65		LT				0.2													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
163+15		RT				0.3													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
163+40		RT					2		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
163+82		RT					5		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
164+02		RT				0.2													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
171+42		RT					6		12										CONSTRUCT SIDEWALK RAMP, TYPE 2
171+53		LT			8.0		5		10										CONSTRUCT SIDEWALK RAMP, TYPE 2
171+75		RT										196							REMOVE GROVE STREET EXISTING PAVEMENT. SEE SHEET 127.
176+72		LT					3		10										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
186+27		LT					5		6										CONSTRUCT SIDEWALK RAMP, TYPE 1
186+75		RT					3		8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
187+62.5	188+12.5	LT										50	2						INSTALL ANCHOR @ STA. 187+62.5 & STA. 188+12.5.
189+53.0	189+90.5	LT										50	2						INSTALL ANCHOR @ STA. 189+53.0 & STA. 189+90.5.
189+97.5	190+97.5	RT										25	1						INSTALL ANCHOR @ STA. 189+97.5; CONNECT TO EXISTING BRIDGE RAIL @ STA. 190+97.5
SHEET SUBTOTALS:					90.0	1.8	133		212			321	5						

ITEM DETAIL SUMMARY SHEET #12

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 23 OF 250

ITEM DETAIL SUMMARY SHEET 13

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS
			621.20	621.205	621.215	621.60	621.80	900.640	203.15	203.30	301.28	402.13	604.40	604.412	604.415	604.418	613.10	616.20	616.21	616.28	
BEGIN MILE STA.	END MILE STA.	POS.	S.B. G.R. GALV.	S.B. G.R. GALV. 8' POST	HD S.B. G.R. GALV. 8' POST	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	ALUMINUM APPROACH RAILING	COMMON EXCAVATION	EARTH BORROW	SUBBASE OF CRUSHED GRAV. FINE GRADED	AGGREGATE SHOULDERS, RAP	CHAN ELEV OF DI, CB OR MH	REHAB DI, CB, OR MH, CLASS I	REHAB DI, CB, OR MH, CLASS II	REHAB DI, CB, OR MH, CLASS III	STONE FILL, TYPE I	GRANITE SLOPE EDGING	VERTICAL GRANITE CURB	C-I-P CONC. CURB, TYPE B	
			LF	LF	LF	EACH	LF	LF	CY	CY	TON	TON	EACH	EACH	EACH	EACH	CY	LF	LF	LF	
TOWN OF LYNDON																					
U.S. ROUTE 5 (CONT.)																					
190+57.0	191+07.0	LT	52			1	50			25											INSTALL ANCHOR @ STA. 190+57.0; CONNECT TO EXISTING BRIDGE RAIL @ STA. 191+07.0
TOWN OF LYNDON																					
ALT. VT ROUTE 122																					
0+00	54+85.92	LT&RT										123	5	16	2	2					QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEETS 27-29.
2+37		RT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
4+90		RT							3.2		3.2										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACES (2)
5+02		LT							0.6		0.5										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
5+42		RT							1.1		1.1										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
7+50		RT							0.7		0.7										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
8+10		RT							1.1		1.1										CONSTRUCT SIDEWALK RAMP, TYPE 1
11+70		RT							1.0		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
12+35		RT							2.5		2.5										CONSTRUCT SIDEWALK RAMP, TYPE 1
32+84		RT							2.2		2.1										CONSTRUCT SIDEWALK RAMP, TYPE 6
32+84		LT							0.8		0.9										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
33+75	33+93	LT																			CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
35+60		LT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
36+42		RT							1.3		1.2										CONSTRUCT SIDEWALK RAMP, TYPE 6
40+83		RT																			CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
49+04.0	51+54.0	LT	227		32.5	1	241			25											INSTALL ANCHOR @ STA. 49+04.0; CONNECT TO EXISTING BRIDGE RAIL @ STA. 51+54.0. INSTALL TREATED TIMBER CURB STA. 49+90 TO 50+80.
SHEET 12 SUBTOTALS:			329			2	317		123.1	50	144.3	32	44	74	10	9		16	147.5	51	
SHEET 14 SUBTOTALS:			29			2	77.5	100	46.9	50	45.8								12	129.5	
SHEET 16 SUBTOTALS:									55.1		53.2	104	14	43	5	5			25	114.5	
SHEET 18 SUBTOTALS:			565	2370		10	2848.5		78.4	250	84.7	35	33	48	6	6	130		130	118	
SHEET 20 SUBTOTALS:									90.6		106.1	43	9	26	3	4		296	10	77	
SHEET 22 SUBTOTALS:			197.5			5	187.5		61.7	125	38.3									90	
SHEET 24 SUBTOTALS:			279		32.5	2	291		14.5	50	14.2	123	5	16	2	2					
PROJECT SUBTOTALS:			1399.5	2370	32.5	21	3721.5	100	470.3	525	486.6	337	105	207	26	26	130	312	324.5	580	
ROUNDING:			25.5	30	5	-	3.5	-	4.7	-	3.4	8	-	-	-	-	5	3	5.5	10	
PROJECT TOTALS:			1425	2400	37.5	21	3725	100	475	525	490	345	105	207	26	26	135	315	330	590	

ITEM DETAIL SUMMARY SHEET #13

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 24 OF 250

ITEM DETAIL SUMMARY SHEET 14

LOCATION			MISCELLANEOUS															REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.35 TREATED TIMBER CURB LF	616.40 REMOVING & RESETTING CURB LF	616.41 REMOVAL OF EXISTING CURB LF	616.47 BIT. CONC. GUTTERS & ISLANDS TON	618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY	618.11 PORTLAND CEMENT CONC. S.W., 8 INCH SY	618.30 DETECTABLE WARNING SURFACE SF	619.17 YIELDING MARKER POSTS EACH	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EACH	900.620 S.P. (PARKING METER) EACH	900.620 S.P. (PARKING METER POST) EACH	900.620 S.P. (REMOVE &RESET PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR.) EACH	900.620 S.P. (REMOVE PRK. MTR. POST) EACH	
TOWN OF LYNDON																			
U.S. ROUTE 5 (CONT.)																			
190+57.0	191+07.0	LT										25	1						INSTALL ANCHOR @ STA. 190+57.0; CONNECT TO EXISTING BRIDGE RAIL @ STA. 191+07.0
TOWN OF LYNDON																			
ALT. VT 122																			
0+00	54+85.92	LT&RT								8									QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER.
2+37		RT				0.3													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
4+90		RT					11		12										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACES (2)
5+02		LT					2		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
5+42		RT					4		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
7+50		RT					2		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
8+10		RT					3		6										CONSTRUCT SIDEWALK RAMP, TYPE 1
11+70		RT					3		6										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
12+35		RT					8		8										CONSTRUCT SIDEWALK RAMP, TYPE 1
32+84		RT						7	14										CONSTRUCT SIDEWALK RAMP, TYPE 6
32+84		LT						3	8										CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE
33+75	33+93	LT				0.4													CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
35+60		LT				0.3													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
36+42		RT					4		10										CONSTRUCT SIDEWALK RAMP, TYPE 6
40+83		RT				0.2													CONSTRUCT PERPENDICULAR BITUMINOUS GUTTER, SEE DETAIL ON SHEET 56
49+04.0	51+54.0	LT	90									25	1						INSTALL ANCHOR @ STA. 49+04.0; CONNECT TO EXISTING BRIDGE RAIL @ STA. 51+54.0. INSTALL TREATED TIMBER CURB STA. 49+90 TO 50+80.
SHEET 13 SUBTOTALS:				130	95.5	3.3	296	26	296	5		79	2		22	22	2	24	
SHEET 15 SUBTOTALS:					131.5		149		316			50	2						
SHEET 17 SUBTOTALS:				20	138.5		183		382	5		108		1	24	23	2	25	
SHEET 19 SUBTOTALS:			715	11	127		220		272	9	587	250	10		14	14	1	14	
SHEET 21 SUBTOTALS:					82		190		316	1		62							
SHEET 23 SUBTOTALS:					90	1.8	133		212			321	5						
SHEET 25 SUBTOTALS:			90			1.2	37	10	82	8		50	2						
PROJECT SUBTOTALS:			805	161	664.5	6.3	1208	36	1876	28	587	920	21	1	60	59	5	63	
ROUNDING:			10	4	5.5	0.7	12	4	24	-	13	10	-	-	-	-	-	-	
PROJECT TOTALS:			815	165	670	7	1220	40	1900	28	600	930	21	1	60	59	5	63	

ITEM DETAIL SUMMARY SHEET #14

PROJECT NAME: ST. JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

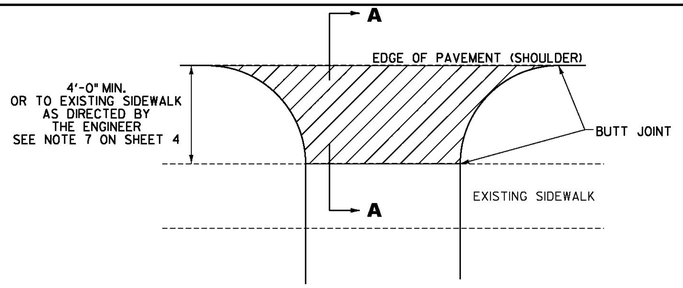
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 25 OF 250

STATION	POSITION	QUANTITY (SY)
ST. JOHNSBURY U.S. ROUTE 2		
141+88	LT	25
142+44	RT	24
143+01	RT	9
143+31	RT	20
144+54	LT	24
149+06	RT	22
149+92	LT	18
150+94	RT	20
152+16	LT	9
152+58	RT	21
162+11	RT	35••
162+94	LT	65
171+12	RT	8
171+15	LT	6
171+87	LT	16
171+95	RT	13
172+66	LT	6
172+74	RT	12
173+19	LT	6
173+59	LT	8
174+59	LT	8
180+05	RT	91
203+21	LT	20
208+50	LT	22
222+80	RT	20
223+56	RT	18
224+06	RT	14
224+93	RT	38
227+68	LT	78
227+94	RT	182
230+53	RT	34
230+68	LT	7
231+65	LT	36
232+68	RT	21
233+73	RT	19
235+53	LT	41
235+58	RT	118
236+94	LT	5
239+61	RT	80
241+89	RT	10
242+61	RT	9
243+69	LT	24
244+67	RT	112
245+48	LT	10
246+14	LT	33
247+18	RT	10
247+74	RT	32
SUBTOTAL		1424
ST. JOHNSBURY U.S. ROUTE 5		
74+49	LT	9
75+26	LT	17
78+44	RT	37
79+60	RT	65
80+90	RT	39
83+09	RT	111
87+94	LT	13
89+04	LT	13
89+60	LT	10
97+65	RT	23
112+44	RT	21
116+05	RT	187
116+10	LT	102
118+57	RT	84
120+53	LT	16
124+26	LT	9
124+81	LT	6
128+87	RT	59
130+34	LT	12
131+25	LT	12
132+50	RT	42
133+37	LT	114
137+12	RT	33
142+13	RT	41
147+39	RT	20
148+42	LT	102
149+00	RT	64
150+00	LT	5
150+53	LT	11
151+30	LT	23
SUBTOTAL		1300
ST. JOHNSBURY ALT. U.S. ROUTE 5		
0+93	LT	25
6+61	LT	21
25+08	LT	13

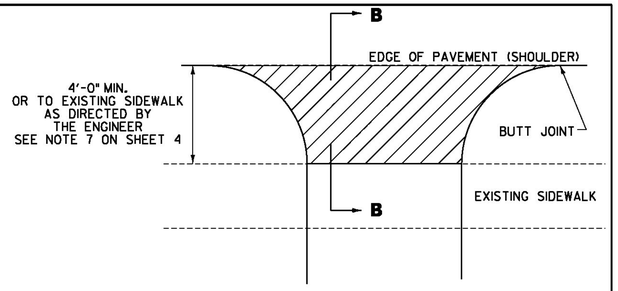
STATION	POSITION	QUANTITY (SY)
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)		
26+02	LT	17
33+91	LT	23
34+78	RT	27
35+06	LT	27
35+52	RT	13
35+69	LT	24
36+03	RT	24
36+50	LT	32
37+07	RT	17
37+91	RT	17
38+72	RT	21
38+77	LT	39
40+01	LT	46
40+44	RT	23
40+77	LT	46
42+20	LT	51
42+55	RT	28
43+58	RT	29
43+94	LT	104
45+05	RT	32
45+21	LT	100
45+88	LT	87
46+52	LT	67
48+67	LT	5
48+85	RT	20
49+36	LT	8
49+86	RT	22
51+25	LT	7
55+50	LT	12
59+34	LT	14
60+67	LT	16
61+57	LT	30
62+73	LT	14
SUBTOTAL		1101
LYNDON U.S. ROUTE 5		
144+55	LT	21
144+96	LT	12
145+40	LT	15
145+71	RT	41
146+02	LT	12
146+69	RT	49
146+72	LT	11
148+23	RT	101
151+07	LT	14
152+19	RT	55
159+41	RT	31
160+96	RT	108
161+97	RT	22
164+86	LT	18
164+92	RT	14
165+83	LT	19
165+99	RT	10
166+51	LT	9
166+64	RT	21
167+43	RT	18
167+73	LT	8
168+38	RT	15
168+38	LT	10
169+25	LT	17
169+30	RT	14
170+30	LT	21
170+37	RT	25
171+18	LT	13
171+64	LT	12
171+75	RT	28
172+70	LT	19
172+91	RT	16
173+00	LT	5
173+51	LT	12
173+79	RT	32
174+43	LT	20
175+24	RT	16
175+58	LT	20
176+01	RT	33
176+84	RT	34
177+82	LT	16
178+76	RT	7
179+14	RT	21
179+37	LT	9
179+97	LT	9
180+07	RT	8
180+55	LT	10
181+34	LT	8

STATION	POSITION	QUANTITY (SY)
LYNDON U.S. ROUTE 5 (CONT.)		
181+59	RT	11
182+42	RT	6
183+06	RT	7
184+50	RT	68
186+45	LT	9
186+46	RT	22
190+23	LT	29
SUBTOTAL		1211
LYNDON ALT. VT ROUTE 122		
0+98	LT	15
1+35	LT	24
1+71	RT	21
2+61	LT	14
2+92	RT	13
3+35	RT	29
3+46	LT	17
4+01	LT	15
4+12	RT	37
4+25	LT	17
4+56	RT	30
6+49	LT	17
6+53	RT	59
7+44	LT	29
8+19	LT	8
9+30	LT	17
13+28	RT	6
13+38	LT	6
13+70	RT	8
15+21	RT	5
16+43	RT	8
16+54	LT	11
17+16	LT	18
17+29	RT	4
20+98	LT	18
21+67	LT	28
22+33	LT	8
23+19	LT	15
23+96	LT	9
25+03	LT	9
25+78	LT	24
28+80	LT	5
29+18	LT	10
31+31	LT	17
36+75	LT	24
38+05	RT	12
38+98	RT	9
39+65	LT	12
40+47	LT	10
40+53	RT	15
42+00	RT	4
42+16	LT	8
42+80	LT	9
43+33	LT	6
43+34	RT	4
43+68	LT	11
44+05	RT	9
45+40	LT	7
45+56	RT	8
45+79	LT	19
46+34	RT	15
46+34	LT	8
46+67	LT	10
47+70	LT	49
47+93	RT	9
48+58	RT	14
49+32	RT	11
50+97	RT	13
53+95	RT	13
SUBTOTAL		880

ST. JOHNSBURY	
U.S. ROUTE 2	1424
••SAFE ROUTES TO SCHOOL	35
U.S. ROUTE 5	1300
ALT. U.S. ROUTE 5	1101
LYNDON	
U.S. ROUTE 5	1211
ALT. VT ROUTE 122	880
SUBTOTAL	5951
ROUNDING	64
TOTAL	6015



PLAN



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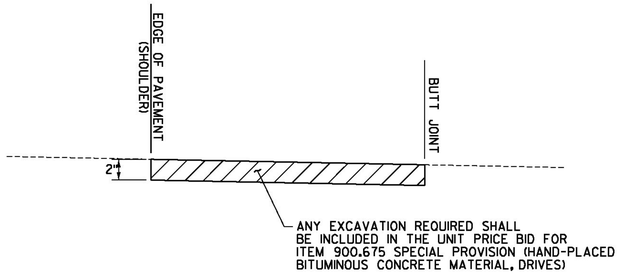
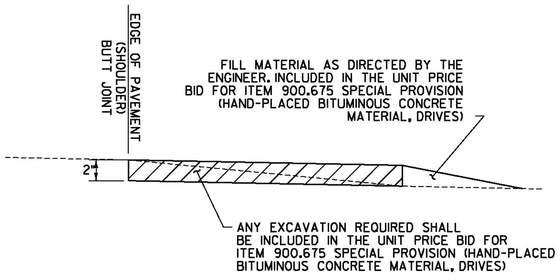


SECTION A–A

HANDWORK DETAILS FOR PAVED DRIVES



SECTION B–B

HANDWORK DETAILS FOR GRAVEL DRIVES

NOTES:

1. PAVING LIFT SHALL BE A MINIMUM OF 1 1/2 INCHES AND A MAXIMUM OF TWO INCHES.
2. THE COST OF PROVIDING AND PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, FOR APPLYING EMULSION, AND FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
4. FIELD DRIVES 2'-0"; RESIDENTIAL AND COMMERCIAL DRIVES 4'-0" OR TO SIDEWALK AS DIRECTED BY THE ENGINEER.

LEGEND

ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)

NOT TO SCALE

Stantec

DRIVE DETAIL SHEET

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 26 OF 250

CHANGING ELEVATION OF DI'S, CB'S, OR MANHOLES

(ITEM 604.40) * SEE NOTE ON SHEET 28

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
147+56	RT	DMH*
148+62	RT	DMH*
149+21	RT	DMH*
150+44	RT	DMH*
151+08	RT	DMH*
152+21	RT	DMH*
154+74	RT	DMH*
156+24	RT	DMH*
160+08	RT	DMH*
160+83	RT	DMH*
162+13	LT	DMH*
162+13	LT	DMH*
163+51	LT	DMH*
165+17	LT	DMH*
165+97	LT	DMH*
168+03	RT	DMH*
168+86	RT	DMH*
169+14	RT	DMH*
170+26	LT	DMH*
171+29	RT	DMH*
174+13	LT	DMH*
175+54	RT	DMH*
176+37	LT	DMH*
176+83	LT	DMH*
178+46	RT	DMH
179+51	RT	DMH
180+41	RT	DMH
180+92	RT	DMH
181+31	RT	DMH
181+82	RT	DMH
182+66	RT	DMH
183+61	RT	DMH
185+20	RT	DMH
185+62	RT	DMH
186+34	RT	DMH
186+80	RT	DMH
188+01	RT	DMH
204+23	RT	DMH
204+29	RT	UNKNOWN
212+60	LT	UNKNOWN
221+14	LT	UNKNOWN
222+62	RT	DMH
241+60	RT	WMH
241+80	LT	UNKNOWN
ST. JOHNSBURY U.S. ROUTE 5		
80+53	RT	UNKNOWN
91+01	RT	DMH
91+80	RT	DMH
94+09	RT	DMH
95+20	RT	DMH
96+24	LT	UNKNOWN
96+67	RT	UNKNOWN
98+20	LT	DMH
99+20	RT	DMH
99+68	LT	UNKNOWN
99+92	LT	UNKNOWN
101+46	RT	UNKNOWN
136+66	RT	DMH
151+60	RT	UNKNOWN
ST. JOHNSBURY ALT. U.S. ROUTE 5		
11+73	RT	DMH
14+45	RT	UNKNOWN
15+43	RT	UNKNOWN
21+14	RT	DMH*
26+31	LT	DMH*
28+29	LT	DMH*
30+63	LT	DMH*
30+93	LT	DMH*
32+13	LT	DMH*
33+46	LT	DMH*
36+64	LT	DMH*
37+49	LT	DMH*
37+82	RT	DMH*
39+61	RT	DMH*
41+42	RT	DMH*
43+94	RT	DMH*
46+07	RT	DMH*
50+26	LT	DMH*
50+46	LT	DMH*
52+01	RT	DMH

CHANGING ELEVATION OF DI'S, CB'S, OR MANHOLES

(ITEM 604.40)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)		
52+62	LT	DMH
53+03	RT	DMH
54+52	RT	DMH
56+14	RT	DMH
57+45	RT	DMH
59+12	RT	DMH
60+49	RT	DMH
60+60	RT	DMH
62+00	RT	UNKNOWN
63+13	RT	DMH
64+62	RT	DMH
64+85	RT	DMH
65+72	RT	UNKNOWN
LYNDON U.S. ROUTE 5		
142+99	RT	UNKNOWN
148+77	LT	UNKNOWN
151+76	RT	UNKNOWN
151+87	RT	UNKNOWN
154+70	RT	DMH
155+87	LT	UNKNOWN
157+98	LT	UNKNOWN
159+17	LT	UNKNOWN
163+56	LT	UNKNOWN
LYNDON ALT. VT ROUTE 122		
7+50	RT	DMH
8+15	RT	UNKNOWN
11+70	RT	DMH
16+56	RT	DMH
50+57	LT	UNKNOWN

REHAB. DI'S, CB'S or MH'S, CLASS I, II OR III

(ITEM 604.412, 604.415 OR 604.418)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
142+39	LT	DI
142+39	LT	DI
144+85	LT	DI
145+25	LT	DI
147+08	LT	DI
148+55	LT	DI
148+58	RT	DI
149+29	RT	DI
150+56	RT	DI
151+13	RT	DI
152+26	RT	DI
153+61	LT	DI
153+84	RT	DI
153+93	LT	DI
153+96	LT	DI
153+99	LT	DI
154+80	RT	DI
156+25	LT	DI
156+29	RT	DI
158+14	RT	DI
158+22	LT	DI
160+84	LT	DI
161+77	LT	DI
162+25	LT	DI
162+36	RT	DI
163+56	RT	DI
163+70	LT	DI
165+26	LT	DI
165+98	LT	DI
168+12	LT	DI
168+13	RT	DI
169+20	RT	DI
170+31	LT	DI
171+29	LT	DI
171+35	RT	DI
174+00	RT	DI
174+04	LT	DI
175+48	RT	DI
176+28	LT	DI
176+38	RT	DI
178+46	RT	DI
180+92	LT	DI
181+23	RT	DI

REHAB. DI'S, CB'S or MH'S, CLASS I, II OR III

(ITEM 604.412, 604.415 OR 604.418)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)		
181+27	LT	DI
182+58	RT	DI
183+53	LT	DI
185+60	LT	DI
186+26	RT	DI
187+75	LT	DI
187+86	RT	DI
188+04	LT	DI
189+07	LT	DI
189+36	RT	DI
190+69	LT	DI
190+71	RT	DI
191+54	LT	DI
203+47	LT	DI
203+83	RT	DI
204+73	RT	DI
204+83	LT	DI
205+49	RT	DI
206+52	RT	DI
206+83	LT	DI
208+61	LT	DI
208+76	RT	DI
209+45	RT	DI
209+60	LT	DI
211+73	LT	DI
212+61	RT	DI
213+15	LT	DI
215+09	RT	DI
215+28	LT	DI
216+45	RT	DI
218+61	LT	DI
219+32	RT	DI
221+07	RT	DI
221+73	LT	DI
222+49	RT	DI
222+69	RT	DI
225+93	RT	DI
227+98	RT	DI
228+05	LT	DI
230+44	RT	DI
231+27	RT	DI
234+41	LT	DI
239+64	LT	DI
240+62	LT	DI
242+11	LT	DI
244+07	LT	DI
245+01	RT	DI
245+04	LT	DI
246+65	LT	DI
247+15	LT	DI
ST. JOHNSBURY U.S. ROUTE 5		
71+91	LT	DI
72+69	LT	DI
75+11	LT	DI
75+85	LT	DI
80+62	LT	DI
80+72	RT	DI
82+94	RT	DI
85+74	LT	DI
85+87	RT	DI
87+03	RT	DI
90+52	LT	DI
91+73	RT	DI
91+85	LT	DI
93+94	LT	DI
94+08	RT	DI
95+04	LT	DI
95+22	RT	DI
96+81	RT	DI
96+93	LT	DI
98+01	LT	DI
99+28	RT	DI
99+41	LT	DI
99+52	LT	DI
99+81	LT	DI
99+88	LT	DI
101+51	LT	DI
101+91	RT	DI
104+91	LT	DI
110+96	LT	DI

REHAB. DI'S, CB'S or MH'S, CLASS I, II OR III

(ITEM 604.412, 604.415 OR 604.418)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)		
110+98	RT	DI
112+73	RT	DI WITH TYPE E GRATE
115+85	LT	DI
115+92	RT	DI
117+18	LT	DI
117+29	RT	DI
119+33	LT	DI
121+30	LT	DI
129+63	LT	DI
134+07	LT	DI
134+34	RT	DI
135+75	RT	DI
136+03	LT	DI
136+75	RT	DI
138+95	RT	DI
139+34	LT	DI
140+89	RT	DI
140+93	LT	DI
142+94	LT	DI
147+14	LT	DI
148+83	RT	DI
149+23	LT	DI
149+40	RT	DI
150+28	RT	DI
ST. JOHNSBURY ALT. U.S. ROUTE 5		
2+99	LT	DI
2+99	RT	DI
5+02	LT	DI
5+02	RT	DI
7+49	LT	DI
12+80	LT	DI
14+45	RT	DI
16+27	LT	DI
16+27	RT	DI
21+00	RT	DI
21+11	LT	DI
22+35	LT	DI
24+03	LT	DI
24+39	RT	DI
26+23	RT	DI
30+57	RT	DI
30+66	LT	DI
31+11	RT	DI
31+52	RT	DI
32+19	LT	DI
33+52	LT	DI
33+56	RT	DI
36+63	RT	DI
36+68	LT	DI
37+57	RT	DI
37+97	LT	DI
39+69	LT	DI
39+72	RT	DI
41+45	RT	DI
41+49	LT	DI
41+58	RT	DI
44+01	RT	DI
44+16	LT	DI
46+01	RT	DI
46+14	LT	DI
46+47	RT	DI
48+09	RT	DI
48+17	RT	DI
49+96	LT	DI
50+45	RT	DI
50+79	RT	DI
51+96	RT	DI
52+43	LT	DI
52+87	LT	DI
52+97	RT	DI
54+52	RT	DI
56+14	LT	DI

REHAB. DI'S, CB'S or MH'S, CLASS I, II OR III

(ITEM 604.412, 604.415 OR 604.418)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)		
56+14	RT	DI
57+44	RT	DI
57+47	LT	DI
59+09	RT	DI
59+14	LT	DI
60+36	LT	DI
60+49	RT	DI
61+93	RT	DI
62+78	LT	DI
62+83	LT	DI
65+48	LT	DI
65+58	RT	DI
65+61	RT	DI
LYNDON U.S. ROUTE 5		
147+00	RT	DI
150+61	LT	DI
151+13	RT	DI
151+29	LT	DI
152+46	RT	DI
153+04	LT	DI
153+20	RT	DI
153+57	LT	DI
153+89	RT	DI
154+00	LT	DI
154+55	LT	DI
154+73	RT	DI
155+67	LT	DI
155+67	RT	DI
156+94	RT	DI
157+92	LT	DI
157+93	RT	DI
159+02	LT	DI
159+25	RT	DI
163+64	LT	DI
168+82	RT	DI
168+90	LT	DI
169+30	RT	DI
171+15	LT	DI
172+09	LT	DI
172+63	LT	DI
174+07	RT	DI
175+41	RT	DI
177+16	LT	DI
178+32	LT	DI
185+04	RT	DI
185+37	LT	DI
187+58	RT	DI
LYNDON ALT. VT ROUTE 122		
1+86	RT	DI
2+60	LT	DI
4+16	LT	DI
11+07	RT	DI
21+28	RT	DI
24+10	RT	DI
28+42	LT	DI
28+68	LT	DI
28+89	RT	ROUND DI
29+02	LT	DI
30+69	LT	DI
31+28	LT	DI
32+85	LT	DI
33+55	RT	DI
35+42	RT	DI
35+60	LT	DI
38+40	RT	DI
39+53	RT	DI
39+81	LT	DI
40+83	RT	DI

NOT TO SCALE

Stantec

STRUCTURE INVENTORY SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 27 OF 250

CHANGING ELEVATION OF SEWER MANHOLES
(ITEM 604.42)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
149+71	LT	SMH
151+21	LT	SMH*
152+25	LT	SMH*
152+85	LT	SMH*
153+13	RT	SMH*
153+72	LT	SMH*
153+83	LT	SMH*
156+38	LT	SMH*
157+75	LT	SMH*
159+65	LT	SMH*
160+76	LT	SMH*
162+01	LT	SMH*
162+06	LT	SMH*
163+43	LT	SMH*
163+50	RT	SMH*
164+90	LT	SMH*
166+54	LT	SMH*
168+15	LT	SMH*
168+33	RT	SMH*
169+10	RT	SMH*
171+41	RT	SMH*
173+68	RT	SMH*
174+31	RT	SMH*
176+87	LT	SMH*
178+25	RT	SMH
180+18	LT	SMH
181+66	LT	SMH
182+78	RT	SMH
183+27	LT	SMH
185+49	LT	SMH
187+80	LT	SMH
188+05	LT	SMH
188+13	RT	SMH
188+88	RT	SMH
204+30	RT	SMH
221+75	LT	SMH
222+50	RT	SMH
228+04	C/L	SMH
239+37	LT	SMH
244+77	LT	SMH
ST. JOHNSBURY U.S. ROUTE 5		
85+66	RT	SMH
91+17	LT	SMH
92+23	LT	SMH
93+69	LT	SMH
94+81	LT	SMH
97+11	LT	SMH
98+17	LT	SMH
99+61	LT	SMH
99+66	LT	SMH
107+47	LT	SMH
113+47	LT	SMH
115+86	RT	SMH
115+88	LT	SMH
119+31	LT	SMH
135+92	RT	SMH
146+21	RT	SMH
149+51	LT	SMH
151+03	LT	SMH
ST. JOHNSBURY ALT. U.S. ROUTE 5		
12+79	RT	SMH
16+27	RT	SMH
22+70	LT	SMH*
26+19	LT	SMH*
28+39	LT	SMH*
32+43	LT	SMH*
33+33	LT	SMH*
37+42	LT	SMH*
41+34	LT	SMH*

CHANGING ELEVATION OF SEWER MANHOLES
(ITEM 604.42)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)		
43+69	LT	SMH*
46+19	RT	SMH*
47+43	RT	SMH*
48+64	RT	SMH*
48+77	LT	SMH*
50+72	RT	SMH*
50+97	LT	SMH*
52+66	LT	SMH
54+78	LT	SMH
56+84	RT	SMH
58+74	RT	SMH
60+57	RT	SMH
62+53	LT	SMH
62+73	RT	SMH
LYNDON U.S. ROUTE 5		
147+19	LT	SMH
148+55	RT	SMH
151+46	RT	SMH
151+84	RT	SMH
152+29	RT	SMH
154+17	RT	SMH
156+94	RT	SMH
158+49	LT	SMH
163+34	LT	SMH
164+96	RT	SMH
166+55	LT	SMH
166+55	RT	SMH
169+91	RT	SMH
170+31	LT	SMH
171+56	LT	SMH
171+78	RT	SMH
172+17	LT	SMH
186+73	RT	SMH
LYNDON ALT. VT ROUTE 122		
0+48	LT	SMH
3+30	LT	SMH
5+01	RT	SMH
5+02	RT	SMH
5+34	RT	SMH
5+36	LT	SMH
5+82	LT	SMH
8+05	LT	SMH
12+23	RT	SMH
28+45	RT	SMH
28+60	LT	SMH
32+97	LT	SMH
32+97	RT	SMH

*NOTE:
BECAUSE OF THE VARIOUS SURFACE TREATMENTS BEING CONSTRUCTED TO MATCH THE WORK BY OTHERS AS PART OF THE SRF LOAN RF1-168 CSO ELIMINATION PROJECT, MANY DRAINAGE MANHOLES AND SEWER MANHOLES WILL NEED VARYING LEVELS OF ELEVATION ADJUSTMENT. THE EXISTING FRAMES AND COVERS FOR THESE STRUCTURES SHALL BE USED TO COMPLETE THIS WORK. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO OBTAIN ACCESS TO THESE ITEMS. THIS WORK WILL BE PAID AS ITEM 604.40 CHANGING ELEVATION OF DROP INLETS, CATCH BASINS OR MANHOLES OR ITEM 604.42 CHANGING ELEVATION OF SEWER MANHOLES.

ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
147+70	RT	WSO
147+73	LT	WSO
147+76	LT	WSO
147+99	LT	WSO
153+24	LT	WSO
153+45	LT	WSO
153+48	LT	WSO
153+62	LT	WSO
160+75	RT	WSO
160+78	RT	WSO
163+36	RT	WSO
163+45	RT	WSO
163+47	LT	WSO
165+64	RT	WSO
166+69	LT	WSO
167+21	RT	WSO
170+60	LT	WSO
173+24	LT	WSO
173+78	LT	WSO
176+60	LT	WSO
176+63	LT	WSO
176+65	LT	WSO
176+68	LT	WSO
176+74	LT	WSO
176+88	LT	WSO
176+92	LT	WSO
177+16	LT	WSO
179+65	RT	WSO
179+76	RT	WSO
180+85	RT	WSO
180+95	RT	WSO
181+01	RT	WSO
182+70	RT	WSO
182+76	LT	WSO
182+82	LT	WSO
182+83	LT	WSO
182+83	RT	WSO
182+87	RT	WSO
185+32	LT	WSO
185+34	LT	WSO
185+42	RT	WSO
185+47	RT	WSO
186+97	RT	WSO
187+55	RT	WSO
187+96	RT	WSO
188+08	RT	WSO
188+31	RT	WSO
190+49	RT	WSO
203+29	LT	WSO
204+21	RT	WSO
206+46	LT	WSO
206+70	LT	WSO
211+44	LT	WSO
212+80	RT	WSO
214+76	RT	WSO
216+82	RT	WSO
221+22	LT	WSO
221+36	LT	WSO
222+00	RT	WSO
222+02	LT	WSO
222+46	LT	WSO
226+66	LT	WSO
227+13	LT	WSO
229+81	LT	WSO
230+17	LT	WSO
234+97	RT	WSO
236+72	RT	WSO
236+82	RT	WSO
236+83	RT	WSO
236+83	RT	WSO
237+45	RT	WSO
237+61	RT	WSO

ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)		
238+44	RT	WSO
238+62	RT	WSO
238+68	RT	WSO
239+60	RT	WSO
241+68	RT	WSO
241+72	RT	WSO
ST. JOHNSBURY U.S. ROUTE 5		
74+71	RT	WSO
74+84	LT	WSO
75+02	LT	WSO
75+20	LT	WSO
78+75	LT	WSO
79+28	LT	WSO
82+33	LT	WSO
84+38	LT	WSO
85+67	LT	WSO
88+43	LT	WSO
88+48	LT	WSO
90+24	LT	WSO
90+64	RT	WSO
90+83	RT	WSO
90+97	LT	WSO
90+97	LT	WSO
91+63	RT	WSO
93+21	RT	WSO
93+24	RT	WSO
93+83	LT	WSO
93+89	LT	WSO
93+98	RT	WSO
94+28	RT	WSO
94+68	RT	WSO
94+94	LT	WSO
95+09	C/L	WSO
95+13	LT	WSO
95+67	LT	WSO
96+10	LT	WSO
96+58	LT	WSO
96+88	LT	WSO
96+92	LT	WSO
97+06	RT	WSO
97+20	LT	WSO
98+78	RT	WSO
99+42	RT	WSO
99+63	LT	WSO
99+72	LT	WSO
99+80	RT	WSO
99+86	LT	WSO
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118+87	RT	WSO
119+00	LT	WSO
119+03	LT	WSO
119+84	RT	WSO
123+80	RT	WSO
135+02	LT	WSO
135+21	LT	WSO
135+22	LT	WSO
141+99	RT	WSO
146+12	RT	WSO
146+14	RT	WSO
146+18	RT	WSO
149+59	RT	WSO
149+64	RT	WSO

ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)		
150+76	LT	WSO
151+39	LT	WSO
ST. JOHNSBURY ALT. U.S. ROUTE 5		
20+31	LT	WSO
20+41	LT	WSO
20+41	LT	WSO
21+68	RT	WSO
22+51	LT	WSO
22+58	LT	WSO
23+04	LT	WSO
23+89	LT	WSO
23+91	LT	WSO
26+20	LT	WSO
26+39	LT	WSO
26+92	LT	WSO
26+96	LT	WSO
27+70	LT	WSO
27+73	LT	WSO
28+01	LT	WSO
28+01	LT	WSO
28+13	LT	WSO
28+27	RT	WSO
28+98	LT	WSO
29+25	RT	WSO
29+48	LT	WSO
29+91	LT	WSO
31+25	RT	WSO
31+32	RT	WSO
31+90	LT	WSO
31+92	LT	WSO
31+99	RT	WSO
32+28	RT	WSO
33+16	RT	WSO
33+37	RT	WSO
33+41	RT	WSO
36+69	RT	WSO
36+76	RT	WSO
36+83	RT	WSO
36+86	RT	WSO
37+62	LT	WSO
37+66	LT	WSO
41+37	RT	WSO
44+78	LT	WSO
46+57	LT	WSO
46+64	LT	WSO
46+71	LT	WSO
47+15	LT	WSO
48+13	RT	WSO
48+22	RT	WSO
48+48	RT	WSO
49+94	LT	WSO
50+05	LT	WSO
50+14	LT	WSO
50+67	RT	WSO
50+72	RT	WSO
50+77	RT	WSO
51+53	LT	WSO
56+49	LT	WSO
57+00	LT	WSO
60+97	LT	WSO
61+71	LT	WSO
61+82	LT	WSO
63+24	LT	WSO

NOT TO SCALE

Stantec

STRUCTURE INVENTORY SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 28 OF 250

ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

STATION	POSITION	DESCRIPTION
LYNDON U.S. ROUTE 5		
143+02	RT	WSO
148+23	LT	WSO
148+28	LT	WSO
148+28	LT	WSO
148+80	LT	WSO
148+80	LT	WSO
151+82	RT	WSO
152+14	RT	WSO
152+24	RT	WSO
152+55	RT	WSO
154+22	RT	WSO
154+25	RT	WSO
154+28	RT	WSO
154+32	RT	WSO
155+05	RT	WSO
155+96	LT	WSO
156+42	RT	WSO
157+17	RT	WSO
171+18	RT	WSO
171+21	RT	WSO
171+23	RT	WSO
171+93	RT	WSO
171+96	RT	WSO
172+00	RT	WSO
LYNDON ALT. VT ROUTE 122		
5+08	RT	WSO
7+72	C/L	WSO
7+81	LT	WSO
27+74	LT	WSO
28+60	LT	WSO
28+62	LT	WSO
28+64	LT	WSO
29+63	LT	WSO
29+67	LT	WSO
31+91	LT	WSO
33+23	RT	WSO
33+26	RT	WSO
33+28	RT	WSO
33+34	RT	WSO
35+01	RT	WSO
35+65	RT	WSO
37+29	RT	WSO
38+80	RT	WSO
39+01	RT	WSO
41+01	RT	WSO

PRIVATE UTILITY STRUCTURES
(TO BE ADJUSTED BY OTHERS)

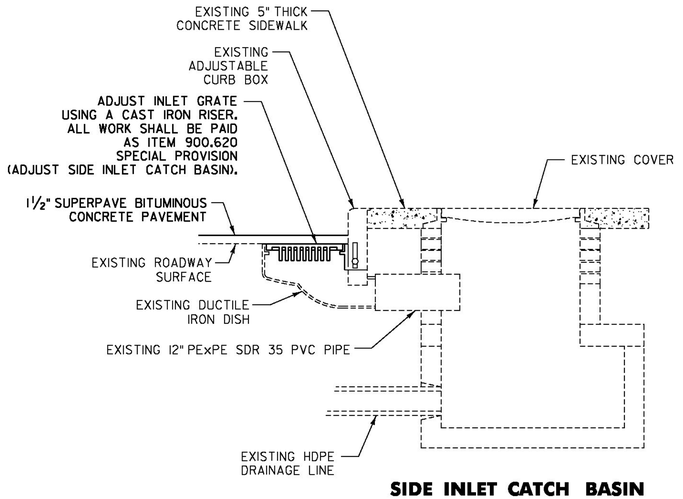
STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
172+69	RT	TMH
173+79	RT	TMH
177+03	LT	TMH
178+11	LT	TMH
179+82	LT	TMH
181+21	LT	TMH
183+07	LT	TMH
185+53	LT	TMH
187+83	LT	TMH
192+81	RT	TMH
204+40	RT	TMH
208+23	RT	TMH
211+13	RT	TMH
216+75	RT	TMH
221+82	RT	TMH
ST. JOHNSBURY U.S. ROUTE 5		
87+63	RT	TMH
91+20	RT	TMH
96+92	RT	TMH
99+47	RT	TMH
104+92	RT	TMH
ST. JOHNSBURY ALT. U.S. ROUTE 5		
27+83	RT	TMH
29+06	RT	TMH
31+22	RT	TMH
33+29	RT	TMH
36+69	RT	TMH
38+54	RT	TMH
41+72	RT	TMH
45+26	RT	TMH
48+28	RT	TMH
50+57	RT	TMH
LYNDON U.S. ROUTE 5		
148+42	LT	TMH
150+31	LT	TMH
154+27	LT	TMH
156+07	LT	TMH
158+05	LT	TMH
158+13	LT	TMH

ITEM 900.620 SPECIAL PROVISION (ADJUST SIDE INLET CATCH BASIN)

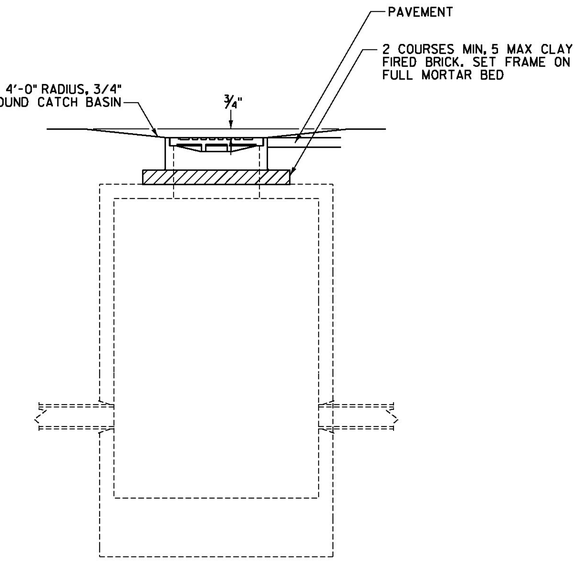
STATION	POSITION	DESCRIPTION
ST. JOHNSBURY U.S. ROUTE 2		
179+40	LT	CB
185+17	LT	CB
186+76	LT	CB

MONITORING WELLS
(TO BE ADJUSTED BY OTHERS)

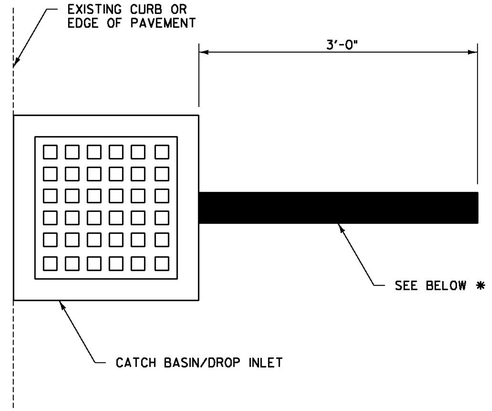
STATION	POSITION	DESCRIPTION
LYNDON U.S. ROUTE 5		
176+12	LT	MW
184+41	RT	MW



SIDE INLET CATCH BASIN
(ITEM 900.620 SPECIAL PROVISION (ADJUST SIDE INLET CATCH BASIN)



REHAB. DI'S, CB'S, & MH'S DETAIL
(ITEMS 604.412, 604.415 AND 604.418 IN PAVEMENT AREAS)



PAVEMENT MARKING DETAIL FOR DRAINAGE STRUCTURE LOCATION

* ST. JOHNSBURY - DURABLE 4 INCH YELLOW LINE, TYPE A TAPE
* LYNDON - DURABLE 4 INCH WHITE LINE, TYPE A TAPE

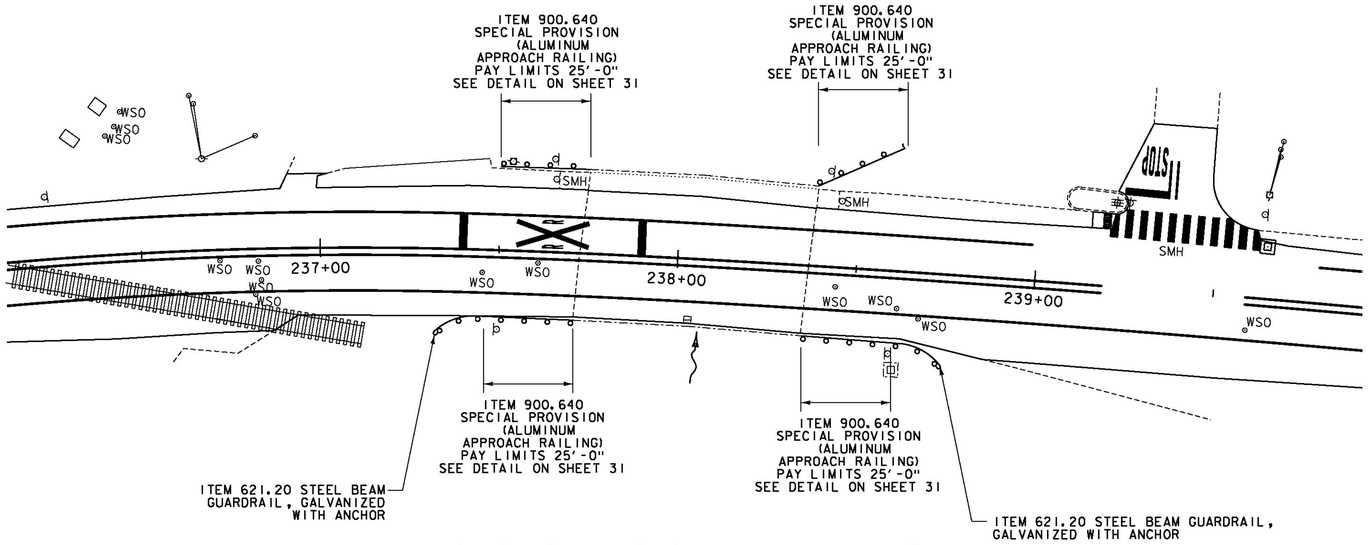
NOT TO SCALE

Stantec

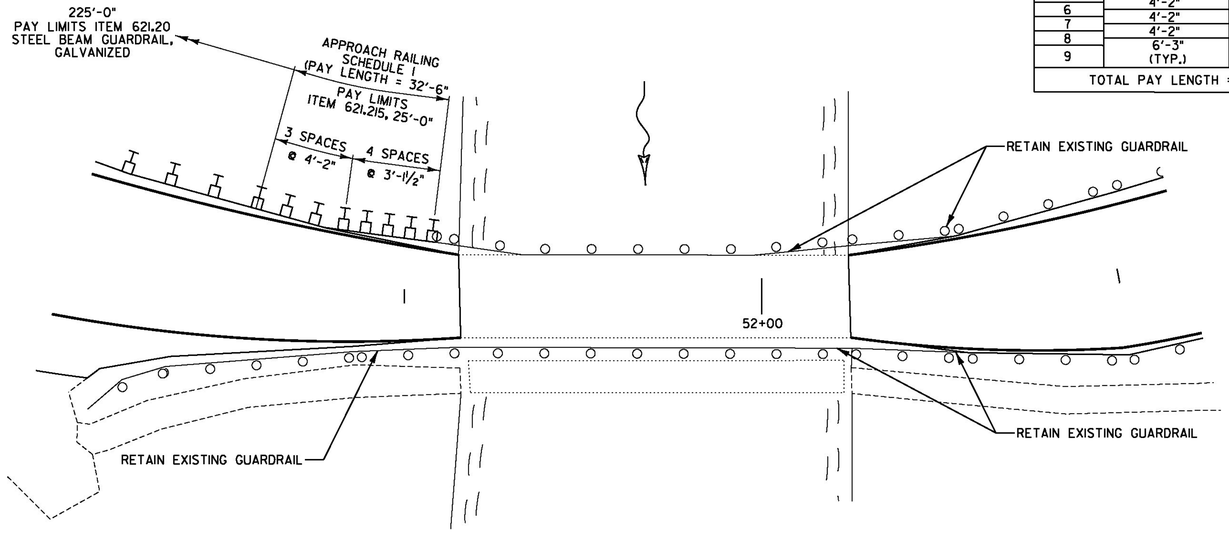
STRUCTURE INVENTORY SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 29 OF 250



BR# 105 ST. JOHNSBURY U.S. ROUTE 2 MM 4.509 = STA. 238+06



BR# 4 LYNDON ALT. VT ROUTE 122 MM 0.982 = STA. 51+85

SCHEDULE I

POST NO.	SPACING	PAYMENT FACTOR
1	3'-1½"	1.4 x 12'-6"
2	3'-1½"	
3	3'-1½"	
4	3'-1½"	
5	4'-2"	1.2 x 12'-6"
6	4'-2"	
7	4'-2"	
8	6'-3" (TYP.)	1.0 (TYP.)
9		
TOTAL PAY LENGTH = 32' - 6"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.

GENERAL NOTES

1. SEE VAOT STANDARDS G-1 AND G-1d FOR ADDITIONAL DETAILS.
2. BRIDGE APPROACH RAILING HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY GUARDRAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAILING POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
7. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
8. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
9. ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH SUBSECTION 732.04 , UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH SUBSECTION 726.08.
10. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10.

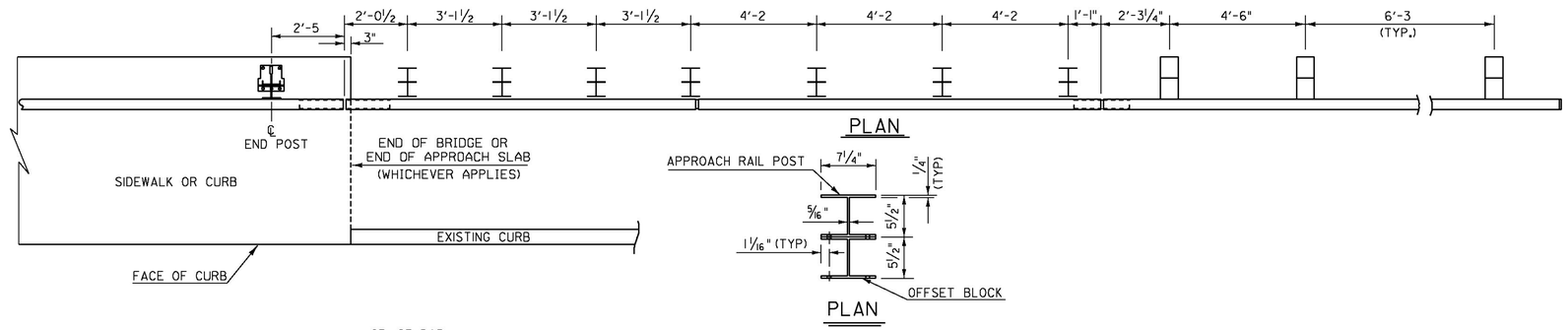
NOT TO SCALE

Stantec

BRIDGE DETAIL SHEET #1

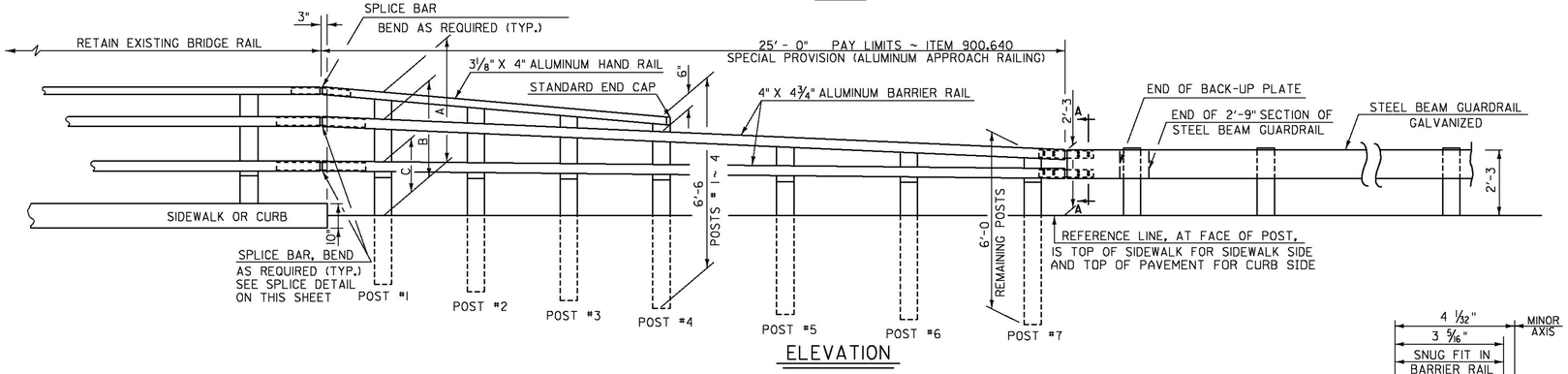
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 30 OF 250

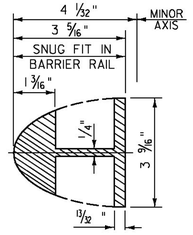


PLAN

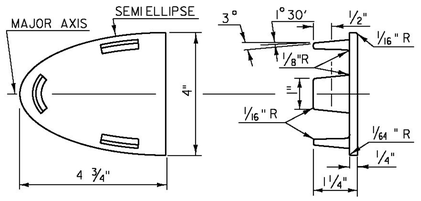
PLAN



ELEVATION

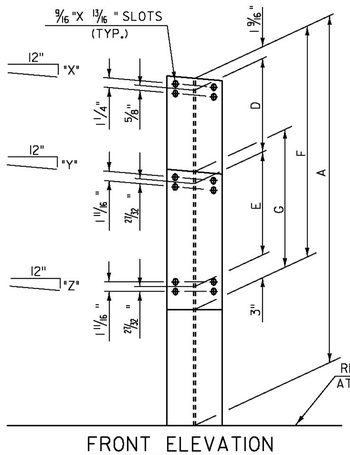


BARRIER RAIL
SPLICE SECTION

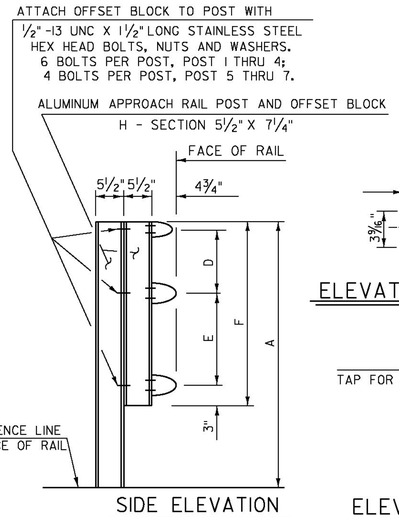


BARRIER RAIL END CAP

	SIDEWALK SIDE	CURB SIDE
"X"		
"Y"		
"Z"		

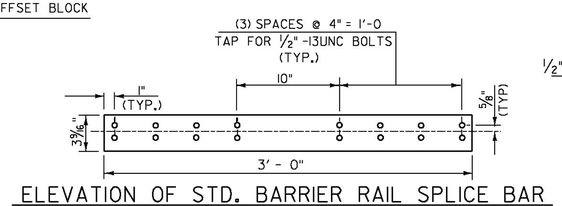


FRONT ELEVATION

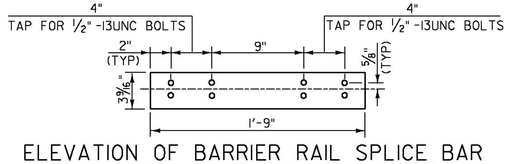


SIDE ELEVATION

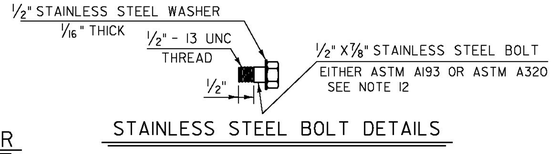
APPROACH RAIL DETAILS



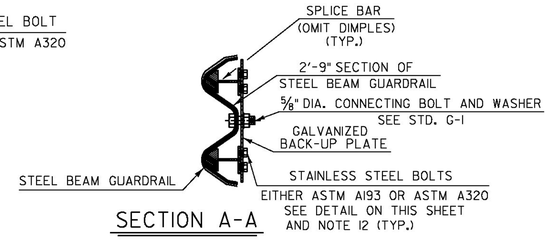
ELEVATION OF STD. BARRIER RAIL SPLICE BAR
(FROM BACK)



ELEVATION OF BARRIER RAIL SPLICE BAR
TO BE USED AT TRANSITION BETWEEN
APPROACH RAIL & GUARDRAIL (FROM BACK)



STAINLESS STEEL BOLT DETAILS



SECTION A-A

NOTES

1. POST 1 THROUGH 7 SHALL BE EXTRUDED ALUMINUM.
2. ALL STRUCTURAL STEEL SHALL BE AASHTO M270 GRADE 36 GALVANIZED AFTER FABRICATION.
3. ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
4. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL, GALVANIZED DETAILS.
5. THE COST OF ALL MATERIALS AND LABOR FOR THE SPLICE BETWEEN THE ALUMINUM APPROACH RAILING AND THE STEEL BEAM GUARDRAIL SHALL BE INCIDENTAL TO ITEM 900.640 SPECIAL PROVISION (ALUMINUM APPROACH RAILING).
6. DETAILS ARE SHOWN FOR TRANSITION TO AN EXISTING 3 RAIL ALUMINUM BRIDGE RAILING.
7. DIMENSIONS SHOWN ARE FROM A REFERENCE LINE AT THE FACE OF POST FOR A NORMAL CROWNED SECTION. APPROPRIATE CORRECTIONS SHALL BE MADE FOR CROSS SLOPES OTHER THAN A NORMAL SECTION.
8. ANCHOR BOLTS, WASHERS AND HEAVY HEX NUTS MAY BE ANY OF THE FOLLOWING:
   A. ASTM A449 GALVANIZED, OR
   B. AASHTO M164 (ASTM A325) GALVANIZED
   C. BOLTS AND WASHERS OF STAINLESS STEEL ASTM A276, TYPE 304 (MINIMUM ULTIMATE STRENGTH OF 100,000 PSI) WITH STAINLESS STEEL NUTS OF ASTM A194, GRADE 8NA.
9. ALUMINUM POSTS, POST BASES, SPLICE BARS, CONNECTION BARS, RAILS AND BALUSTER FRAMES SHALL CONFORM TO ASTM B221 ALLOY 6061-T6 OR ALLOY 6351-T5. MINIMUM ALLOWABLE STRESS Fy = 35,000 PSI.
10. ALUMINUM BALUSTER TUBES SHALL CONFORM TO ASTM B210 ALLOY 6061-T5 OR 6063-T5.
11. ALUMINUM RAIL END CAPS SHALL CONFORM TO ASTM B26 ALLOY 356-T6.
12. THE POST, RAIL, AND OFFSET BLOCK CONNECTION BOLTS SHALL BE EITHER ASTM A193 OR ASTM A320. EITHER ONE SHALL BE CLASS 1, B8 GRADE AISI 304 WITH AN ULTIMATE TENSILE STRENGTH OF 75,000 PSI. NUTS FOR EITHER OF THE ABOVE BOLTS SHALL BE ASTM A194, GRADE 8, STAINLESS STEEL WITH AN ULTIMATE TENSILE STRENGTH OF 75,000 PSI.
13. RIVETS SHALL BE COLD DRIVEN HIGH BUTTON HEAD "CONE POINT", CONFORMING TO ASTM B316 ALLOY 6061-T6.
14. WELDING SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 506.10 USING THE GMAW-INERT GAS PROCESS AND AWS ER 5356 ELECTRODE WIRE.
15. ENDS OF RAILS SHALL BE CUT SQUARE AND GROUND FREE OF BURRS OR RAGGED EDGES. EXPOSED ENDS SHALL BE CAPPED.
16. EXTRUDED SECTIONS ARE DETAILED TO COMPLY WITH CURRENT AASHTO-AGC-ARTBA STANDARDS. MINOR VARIATIONS OF THE DETAILS SHOWN MAY BE CONSIDERED PROVIDING THEY DO NOT REDUCE THE STRENGTH CAPACITY OF THE RAIL SYSTEM.
17. ALUMINUM WASHERS SHALL BE ASTM B209 ALLOY ACLAD 2024-T4.
18. CERTIFICATION REQUIREMENTS FOR ALUMINUM COMPONENTS SHALL BE PER SUBSECTION 732.02. CERTIFICATION REQUIREMENTS FOR ALL OTHER RAIL COMPONENTS SHALL BE PER SUBSECTION 728.02.

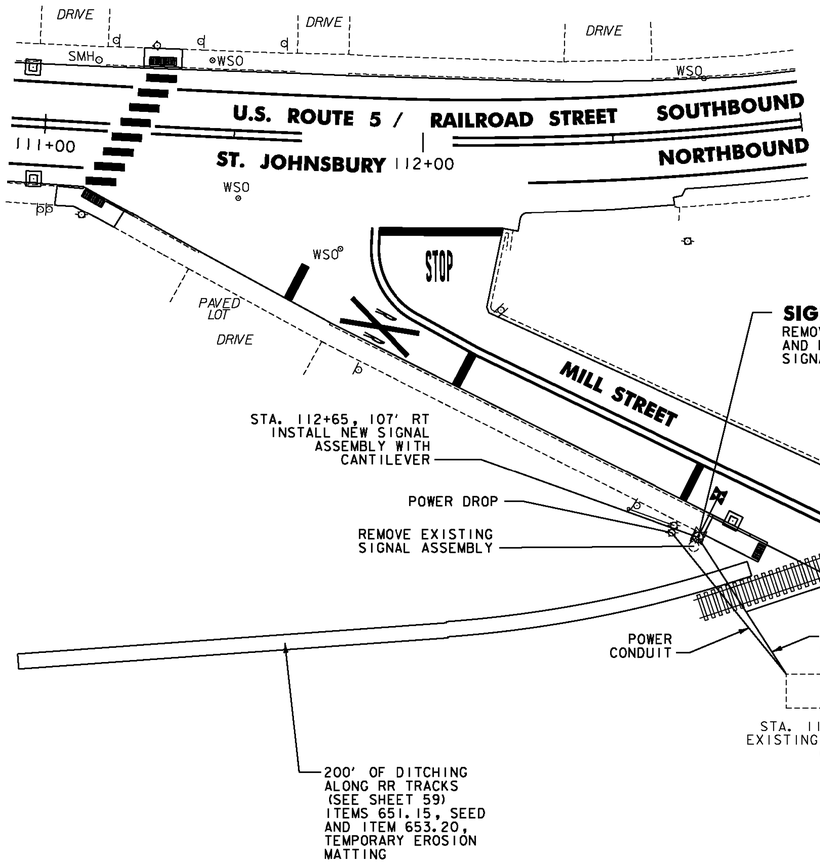
NOT TO SCALE

Stantec

BRIDGE DETAIL SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/25/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 31 OF 250

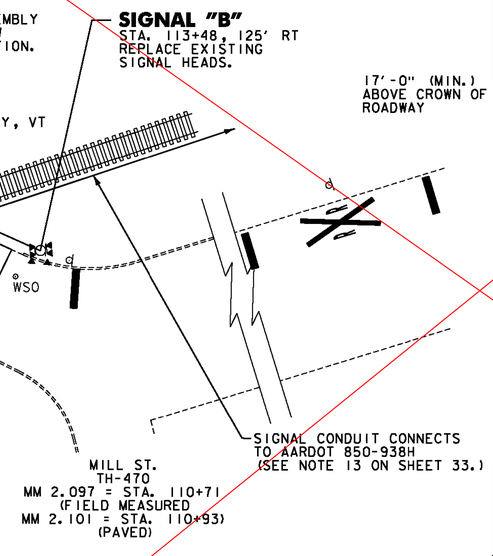


SIGNAL "A"
REMOVE EXISTING SIGNAL ASSEMBLY AND FOUNDATION. INSTALL NEW SIGNAL ASSEMBLY AND FOUNDATION.

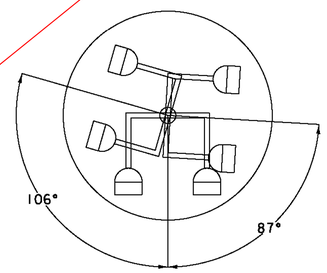
SIGNAL "B"
STA. 113+48, 125' RT
REPLACE EXISTING SIGNAL HEADS.



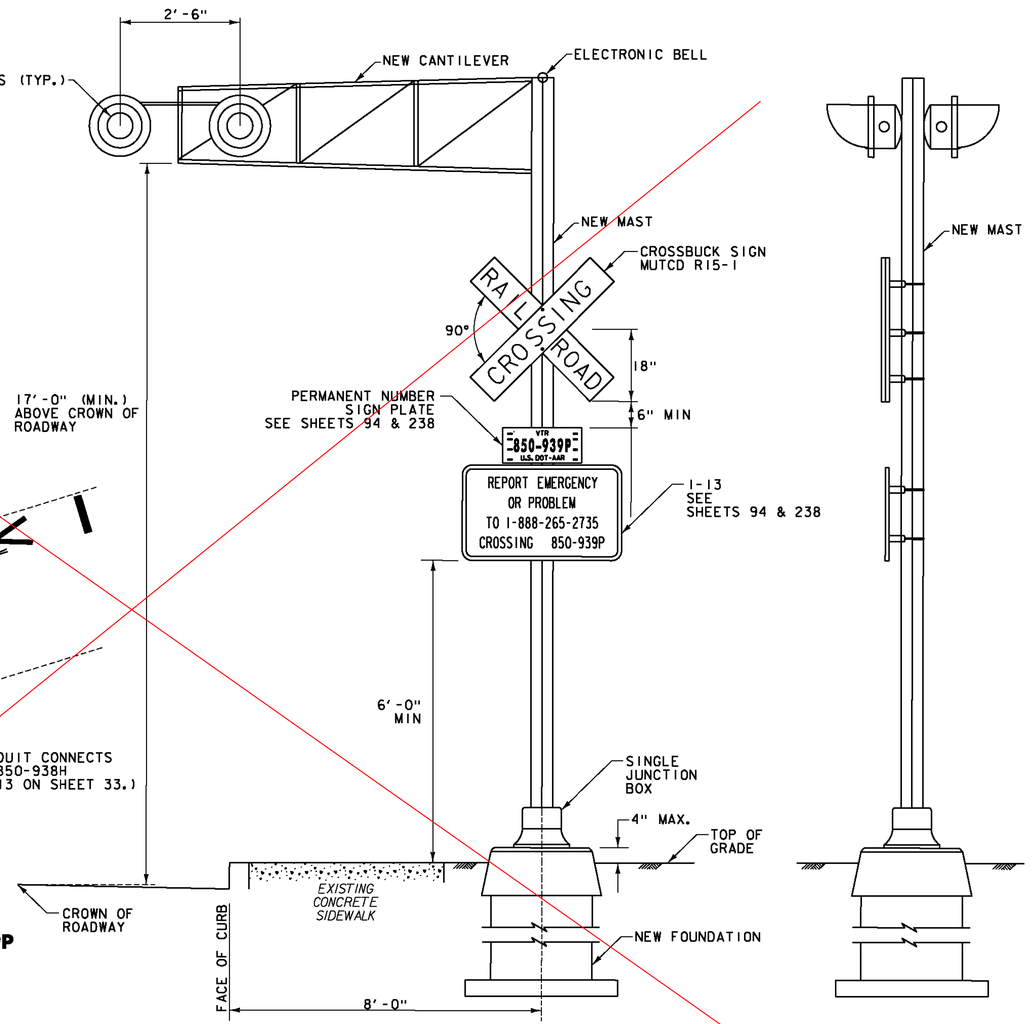
MILL ST., ST. JOHNSBURY, VT
AARDOT #850-939P



SIGNAL LAYOUT
MILL STREET CROSSING AARDOT #850-939P



CROSSARM LAYOUT
SIGNAL "B"



ROADWAY VIEW **SIDE VIEW**

SIGNAL "A" ASSEMBLY
NOT TO SCALE

ITEM 900.645 SPECIAL PROVISION
(RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-939P)
ST. JOHNSBURY U.S. ROUTE 5 STA. 113+07, 114' RT

QUANTITY	UNIT	DESCRIPTION
1	EA	REMOVE EXISTING SIGNAL ASSEMBLY
1	EA	SIGNAL ASSEMBLY WITH CANTILEVER (SIGNAL "A")
1	EA	CONTROLLER (SIGNAL "A")
150	LF	BOND WIRE
1	EA	MOTION DETECTOR SYSTEM
1	EA	POWER DROP
980	LF	WIRED CONDUIT (LIGHTING WIRES AND TRACK WIRES. INCLUDES CONNECTION TO AARDOT #850-938H)
6	EA	12" LED RAILROAD SIGNAL HEAD (SIGNAL "B")
3	EA	LAMP CROSSARM WITH BRACKETS (SIGNAL "B")
1	EA	ELECTRONIC WARNING BELL (SIGNAL "A")

NOTE:
1. FOR ADDITIONAL DETAILS & NOTES SEE SHEETS 33-36

NOT TO SCALE

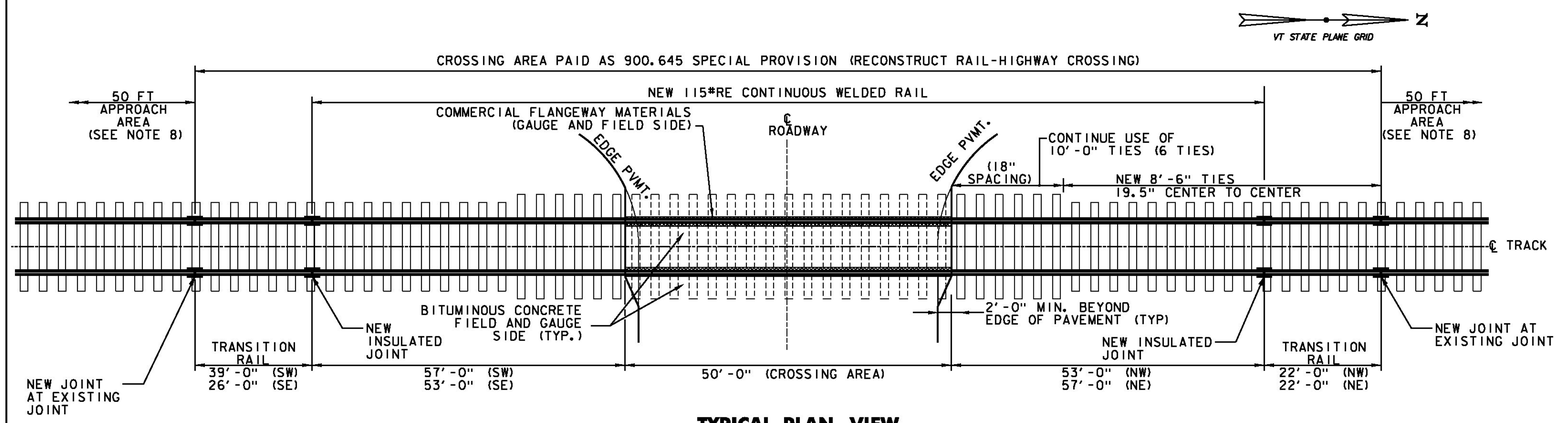
AARDOT #850-939P

RAILROAD CROSSING DETAIL SHEET #1

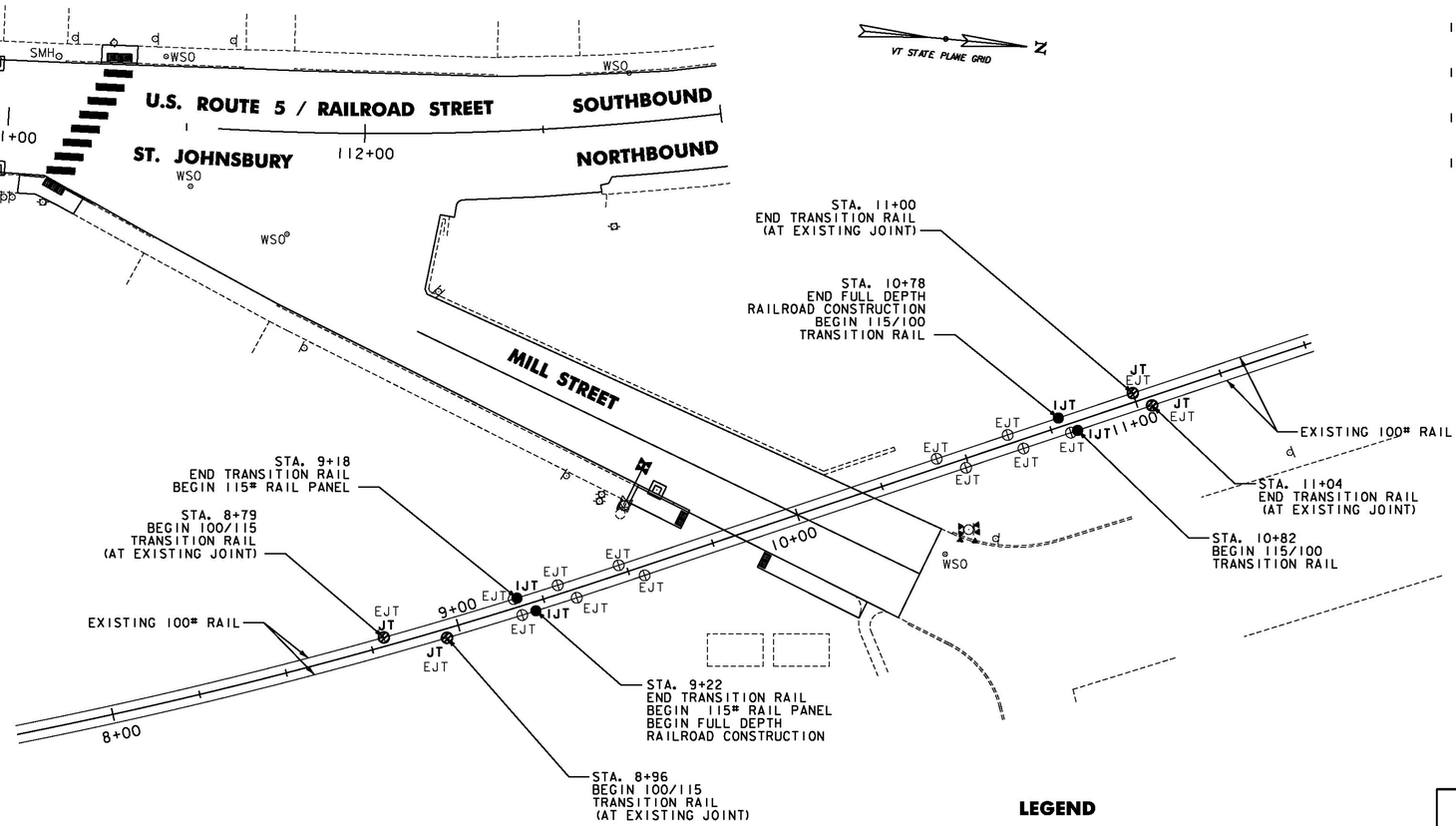
Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 32 OF 250



TYPICAL PLAN VIEW
MILL STREET AARDOT #850-939P



EXISTING AND PROPOSED RAIL JOINT LAYOUT
MILL STREET AARDOT #850-939P

LEGEND

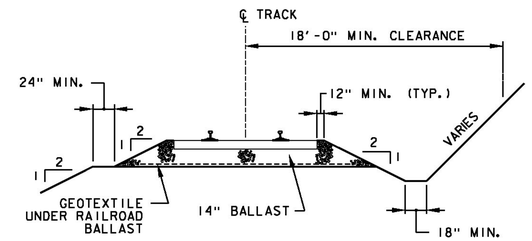
EJT ① EXISTING JOINT

IJT ● NEW INSULATED JOINT

JT ⊘ NEW JOINT

NOTES - AARDOT #850-939P

1. ALL RAIL JOINTS WITHIN THE CROSSING AREA AS SHOWN WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
2. TIE SPACING UNDER CWR TRANSITION AREA SHALL BE AS SHOWN. VARIES 18 TO 19.5 INCHES ON CENTER.
3. TIES IN CROSSING AREA SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER (PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)). TIES REQUIRED OUTSIDE OF CROSSING AREA SHALL BE PAID AS ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).
4. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
5. BALLAST OUTSIDE THE FULL DEPTH RAILROAD CONSTRUCTION AREA SHALL EXTEND 12 INCHES MIN. BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED.
6. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
7. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS AND INSULATED JOINTS.
8. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
9. EXCAVATION, BALLAST, GEOTEXTILE, FLANGEWAY MATERIALS AND TIES INSIDE CROSSING AREA WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
10. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
11. ASPHALTIC PLUG JOINTS WILL BE PAID AS ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG.
12. PREFERRED RAIL LAYING TEMPERATURE (PRLT) SHALL BE BETWEEN 105 DEGREES AND 120 DEGREES FAHRENHEIT.
13. WIRED CONDUIT IS TO BE INSTALLED BETWEEN CROSSING #850-939P AND CROSSING #850-938H FOR THE PURPOSE OF SYNCHRONIZING THE SIGNAL SYSTEMS. THIS CONDUIT SHALL BE INSTALLED UNDERGROUND ADJACENT TO THE TRACK. THIS WORK INCLUDES A UNIDIRECTIONAL MOTION SENSOR AT #850-939P AND INSTALLING INTERCONNECTIONS BETWEEN THE TWO CASES, ALONG WITH THE REQUIRED RELAYS AND WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-939P)



TYPICAL SECTION RAILROAD

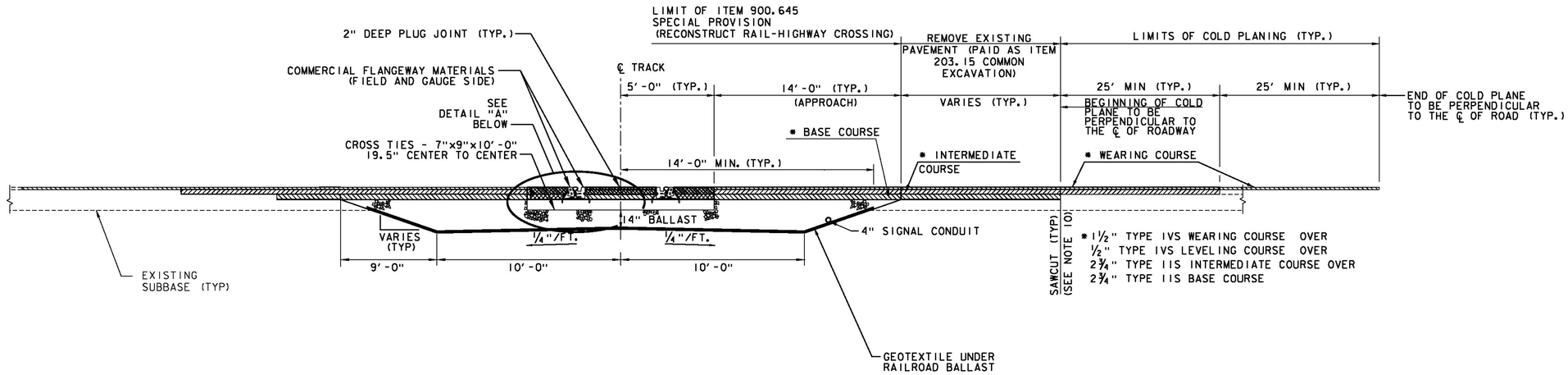
NOT TO SCALE

AARDOT #850-939P

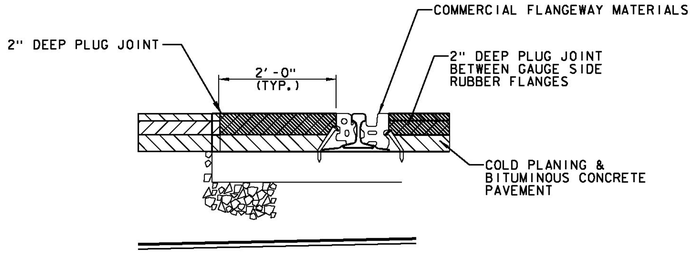
RAILROAD CROSSING DETAIL SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

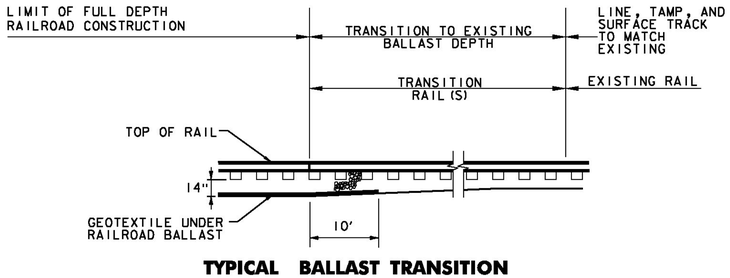
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 33 OF 250



TYPICAL TRANSVERSE SECTION PAVED CROSSING



DETAIL "A"



TYPICAL BALLAST TRANSITION

NOT TO SCALE

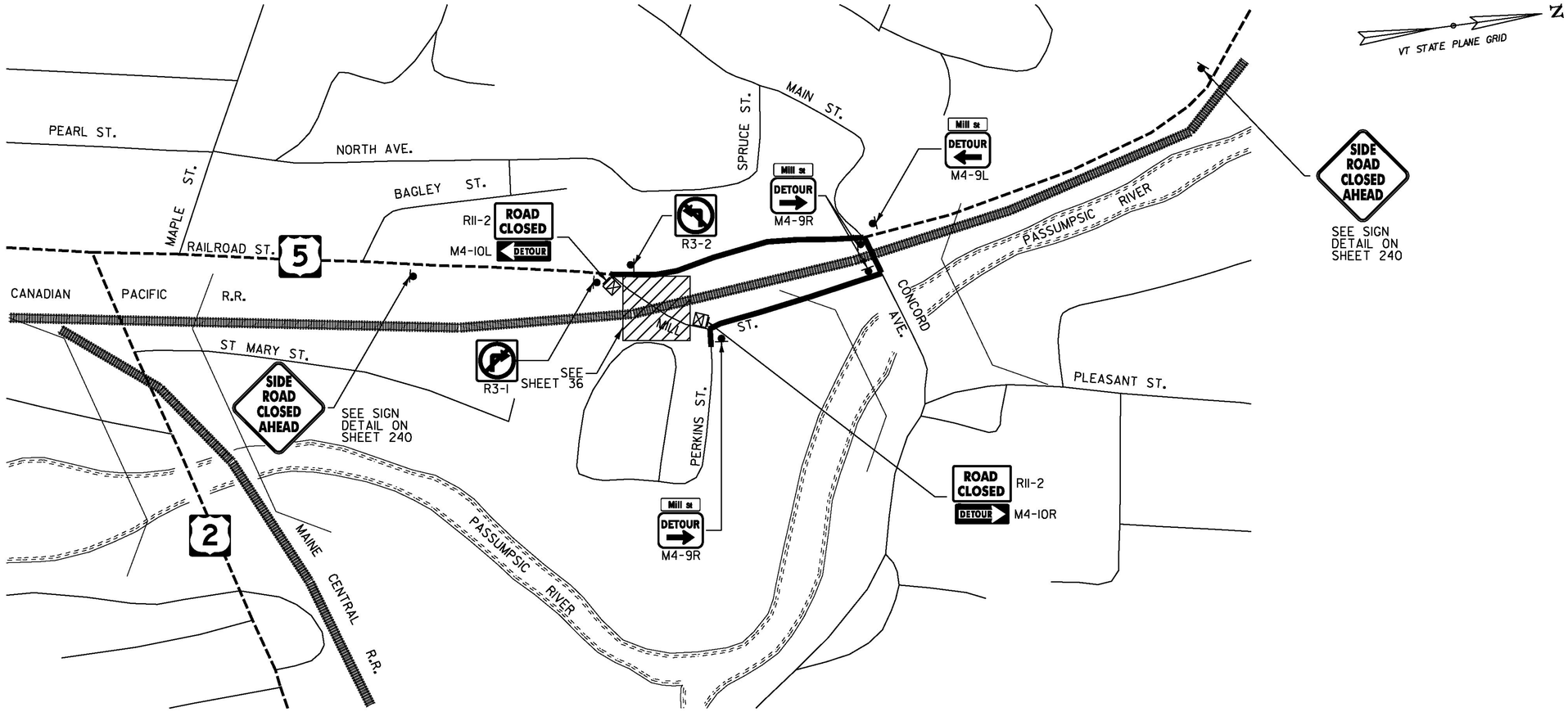
AARDOT #850-939P

Stantec

RAILROAD CROSSING DETAIL SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/25/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 34 OF 250



NOTES:

1. MILL STREET WILL BE CLOSED TO THROUGH TRAFFIC BETWEEN U.S. ROUTE 5 AND PERKINS STREET DURING THE CONSTRUCTION OF THE AARDOT 850-939P RAILROAD CROSSING.
2. THE TRAFFIC DETOUR SHALL BE USED THROUGHOUT THE ENTIRE RAILROAD CROSSING CONSTRUCTION. THE INTENT OF THE DETOUR IS TO ELIMINATE VEHICLE TRAFFIC FROM THE RAILROAD CONSTRUCTION AREA.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK IN SUCH A MANNER AS TO GIVE THE TOWN OF ST JOHNSBURY AT LEAST TWO WEEKS NOTICE PRIOR TO COMMENCING THE RAILROAD CROSSING CONSTRUCTION. ALL COMMUNICATION SHALL INCLUDE EMERGENCY DISPATCH PERSONNEL AS DESCRIBED IN THE SPECIAL PROVISIONS.
4. NO DETOUR SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, OR CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SHALL BE COMPLETELY COVERED OR REMOVED.
5. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
6. DETOUR ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.
7. DETOUR SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
8. DIAMOND SHAPED DETOUR SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE TYPE VIII OR IX MINIMUM AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
10. WHERE DETOUR SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
11. THE ALLOWABLE DURATION AND TIMING OF ROAD CLOSURE SHALL BE COORDINATED WITH THE RAILROAD, THE TOWN, AND OTHER AFFECTED PARTIES THROUGH THE ENGINEER.
12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.
13. THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
14. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-939P).

LEGEND

- = RAIL/HIGHWAY CROSSING WORK AREA
- = SIGN (SHOWN FACING LEFT)
- = TYPE 3 BARRICADE
- = TYPE 3 BARRICADE (MOD.)

TOWN OF ST JOHNSBURY	M4-9R	M4-9L	M4-10R	M4-10L	R3-1	R3-2	RII-2	SRCA	MILL ST	TYPE 3 BARRICADE	TYPE 3 BARRICADE (MOD.)
RAILROAD ST.		1			1	1		2	1		
RAILROAD ST. & MILL ST. INTERSECTION				1			3			4	1
RAILROAD ST. & CONCORD AVE. INTERSECTION	2								2		
MILL ST. & PERKINS ST. INTERSECTION	1		1				3		1	4	1
TOTALS	3	1	1	1	1	1	6	2	4	8	2

DETOUR PLAN FOR CROSSING AARDOT #850-939P

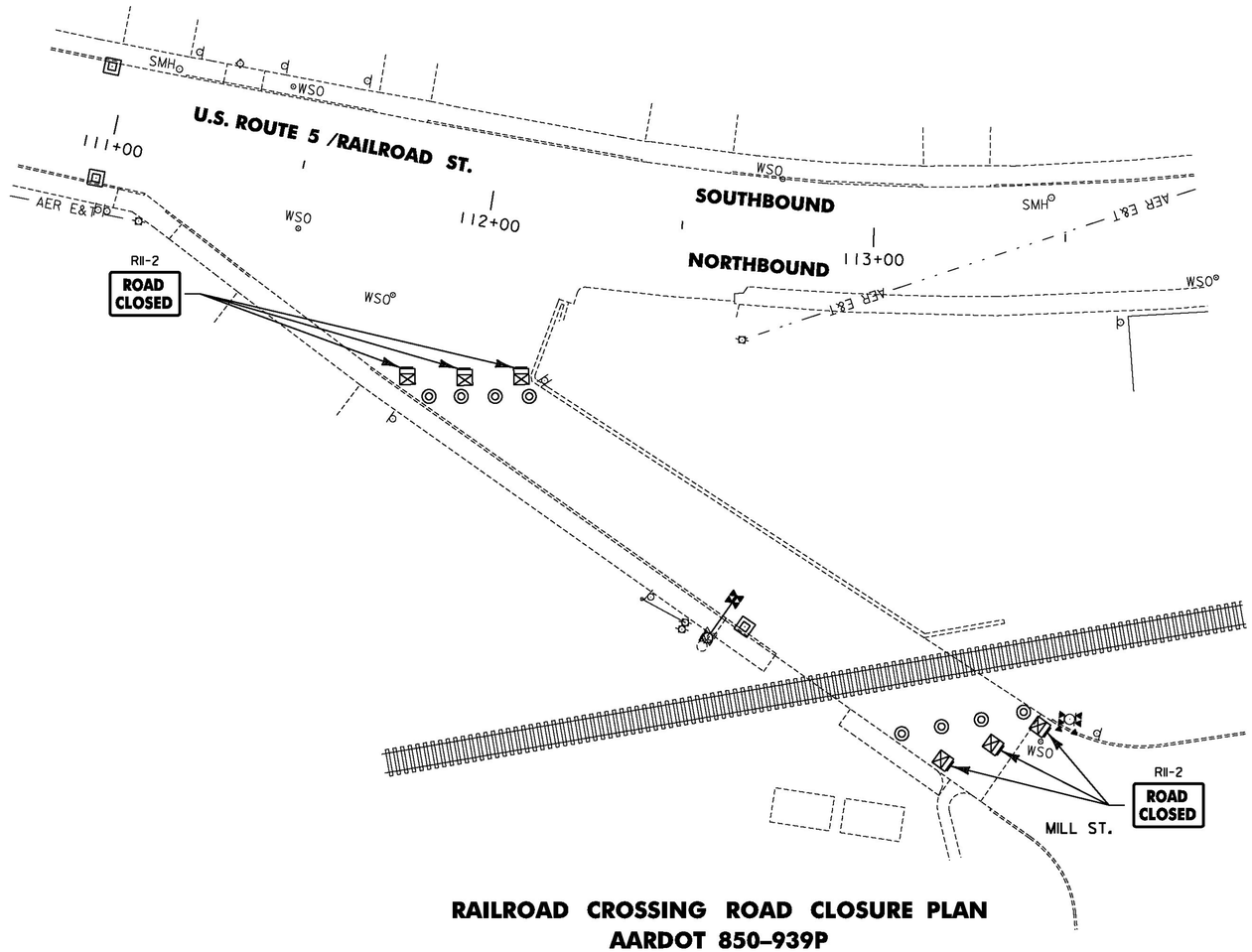
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #4

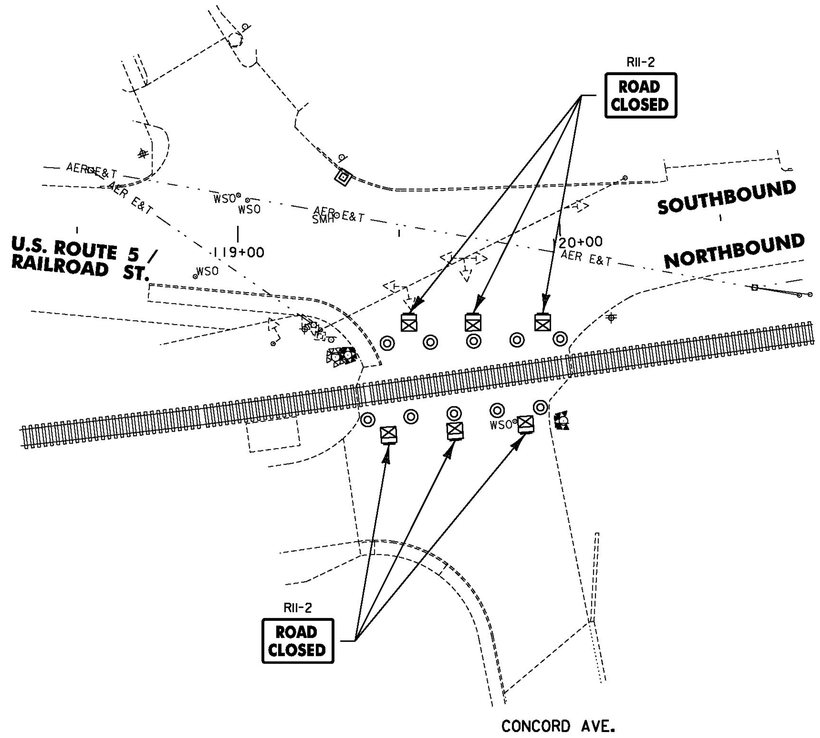
Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 35 OF 250



RAILROAD CROSSING ROAD CLOSURE PLAN
AARDOT 850-939P
(SEE NOTE 1)



RAILROAD CROSSING ROAD CLOSURE PLAN
AARDOT 850-938H
(SEE NOTE 1)

NOTES

1. THIS PLAN SHOWS ROAD CLOSURES FOR THE AARDOT *850-939P AND AARDOT *850-938H CROSSINGS. ONLY ONE ROAD CLOSURE IS ALLOWED AT A TIME.
2. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
3. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.

   THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
4. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EITHER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-939P) OR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-938H) AS APPLICABLE.

LEGEND

- = TYPE 3 BARRICADE
- = TYPE 3 BARRICADE (MOD.)
- = REFLECTORIZED PLASTIC DRUM

ROAD CLOSURE PLAN FOR CROSSING AARDOT #850-939P & AARDOT #850-938H

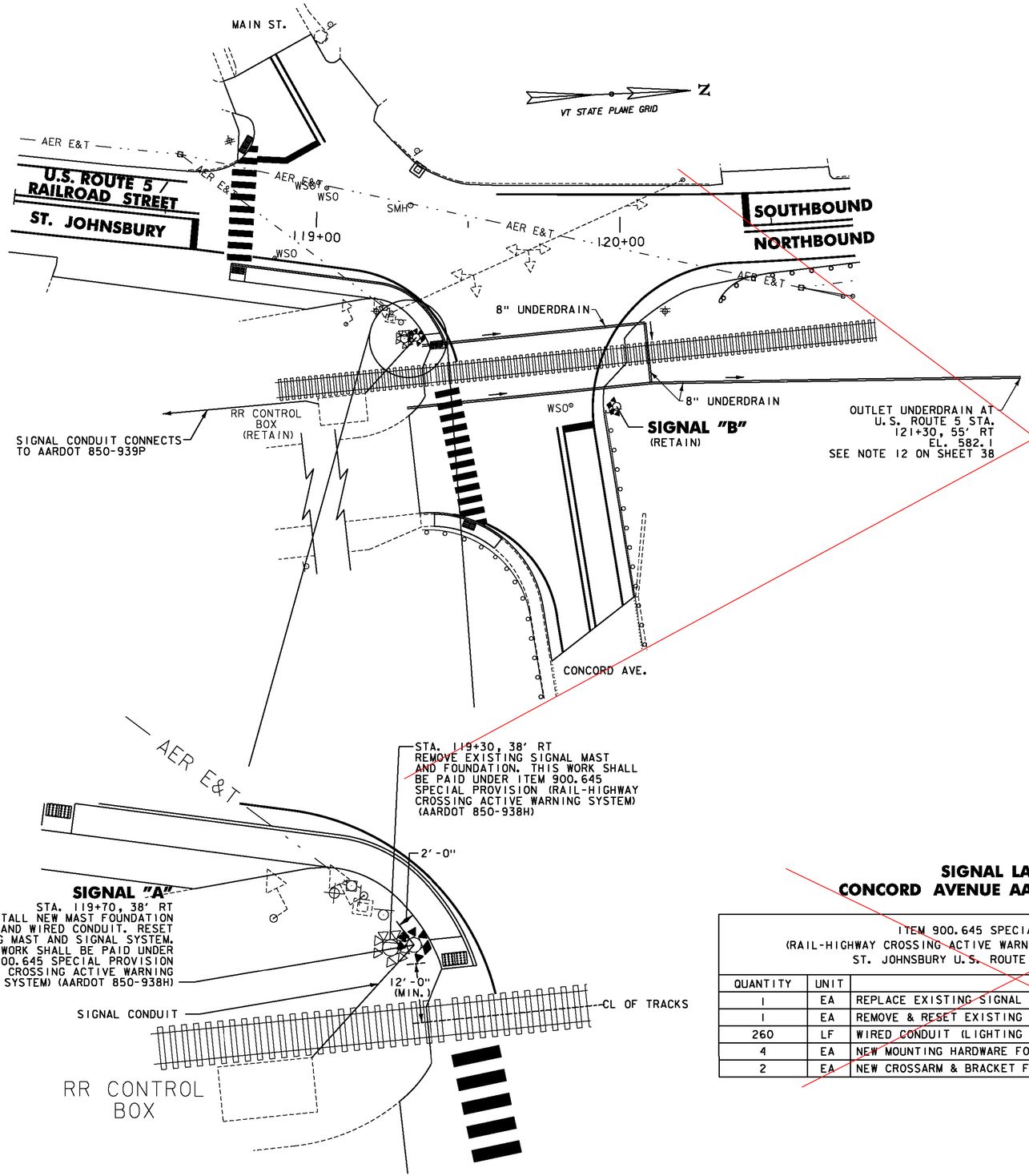
NOT TO SCALE

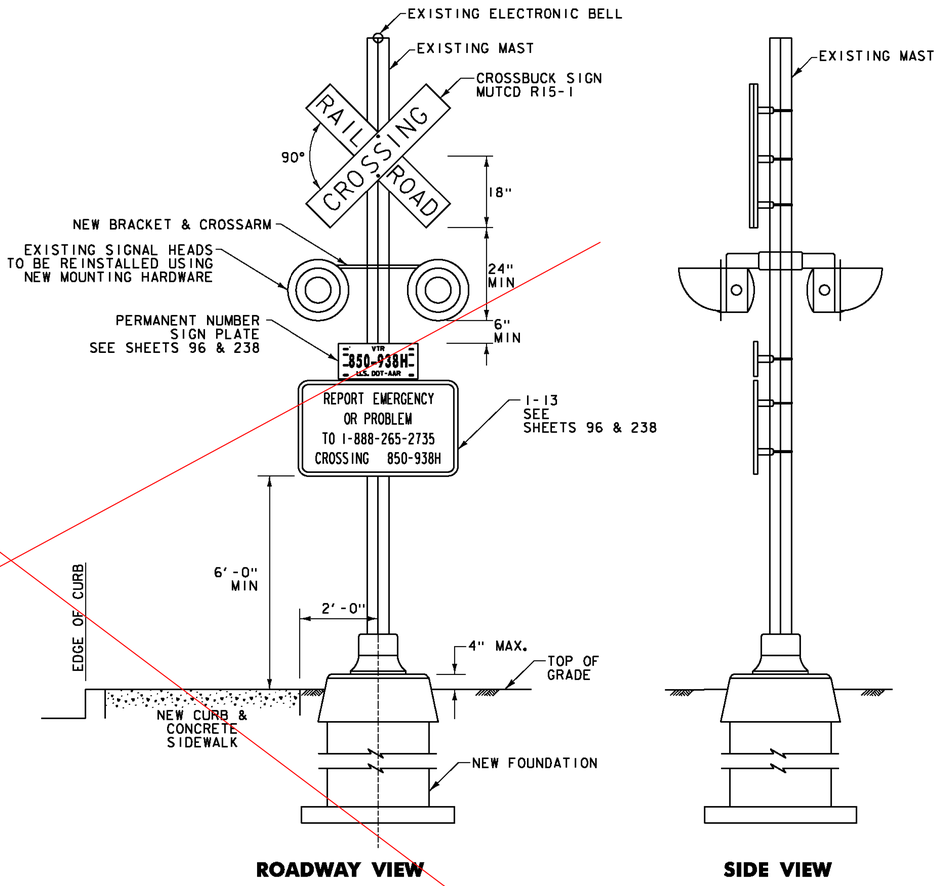
RAILROAD CROSSING DETAIL SHEET #5

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/25/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 36 OF 250





ROADWAY VIEW

SIDE VIEW

SIGNAL "A" ASSEMBLY

NOT TO SCALE

SIGNAL LAYOUT
CONCORD AVENUE AARDOT #850-938H

ITEM 900.645 SPECIAL PROVISION
(RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-938H)
ST. JOHNSBURY U.S. ROUTE 5 STA. 119+67, RT

QUANTITY	UNIT	DESCRIPTION
1	EA	REPLACE EXISTING SIGNAL POLE FOUNDATION
1	EA	REMOVE & RESET EXISTING MAST AND SIGNAL SYSTEM
260	LF	WIRED CONDUIT (LIGHTING WIRE AND TRACK WIRE)
4	EA	NEW MOUNTING HARDWARE FOR EXISTING SIGNAL SYSTEM
2	EA	NEW CROSSARM & BRACKET FOR SIGNAL ASSEMBLY

NOTE:
1. FOR ADDITIONAL DETAILS & NOTES SEE SHEETS 38-40

NOT TO SCALE

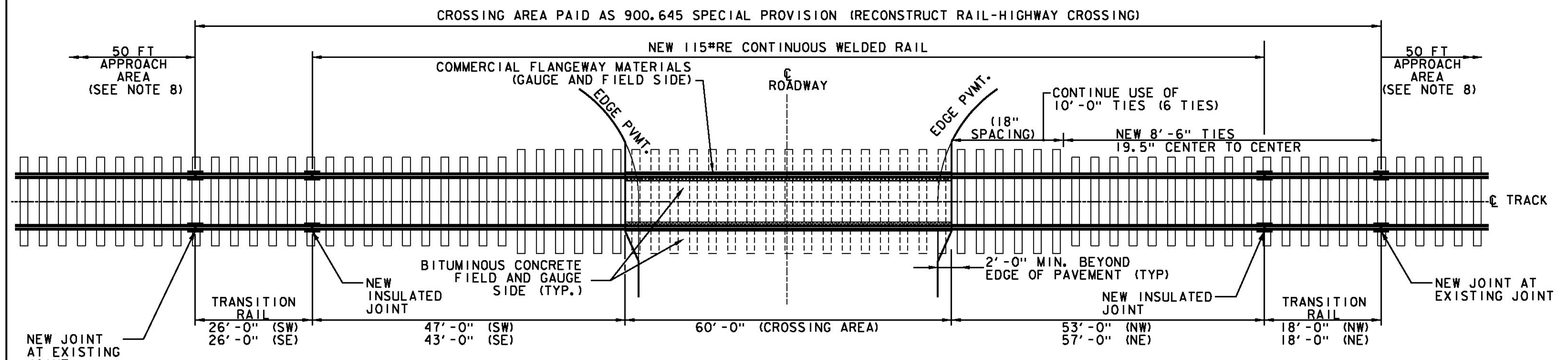
AARDOT #850-938H

RAILROAD CROSSING DETAIL SHEET #6

Stantec

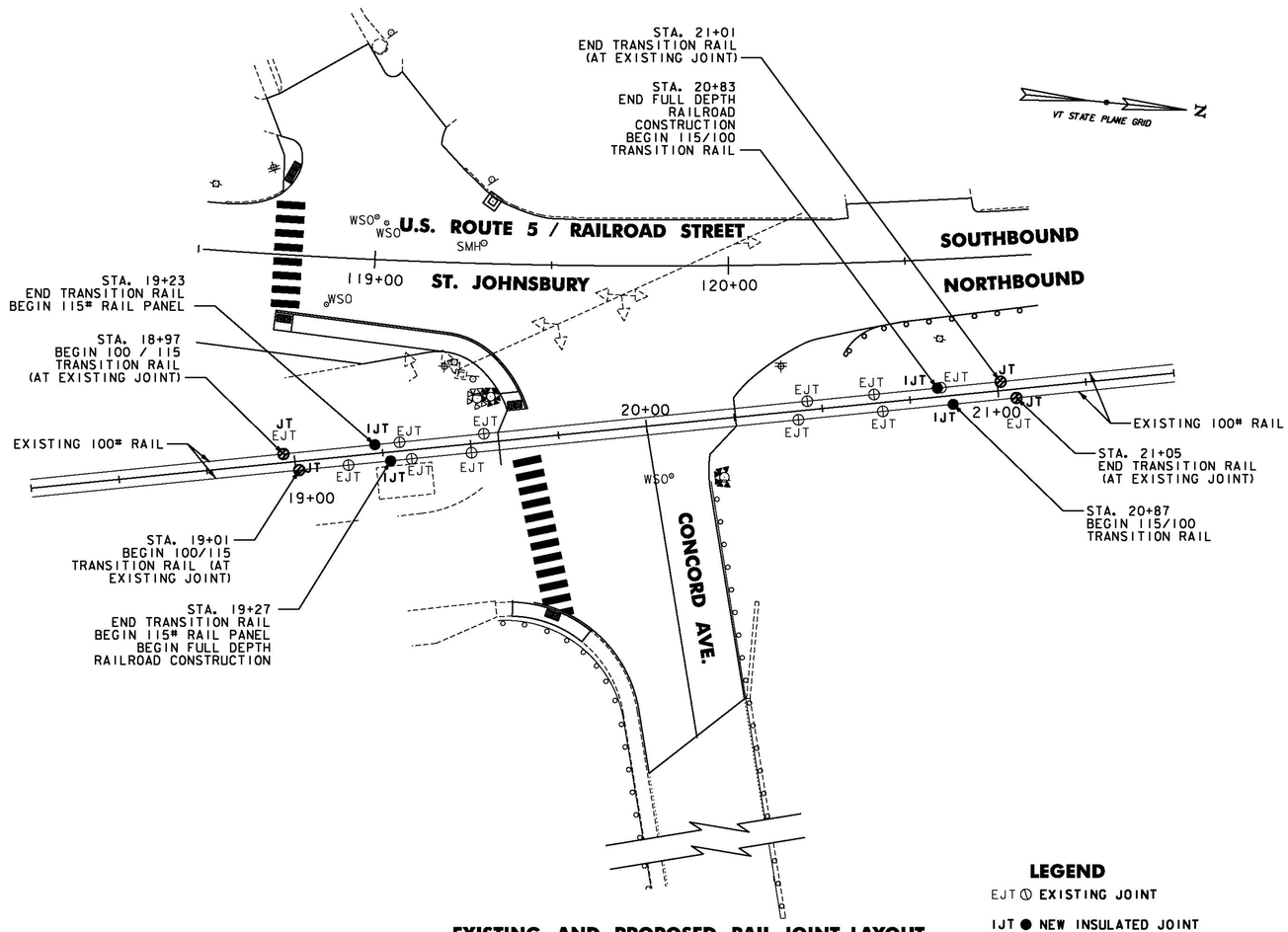
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 37 OF 250



TYPICAL PLAN VIEW
CONCORD AVENUE AARDOT #850-938H

VT STATE PLANE GRID N



VT STATE PLANE GRID N

EXISTING AND PROPOSED RAIL JOINT LAYOUT
CONCORD AVENUE AARDOT #850-938H

LEGEND

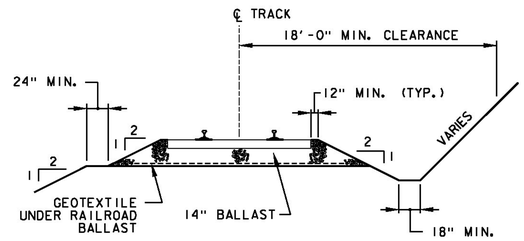
EJT ⊕ EXISTING JOINT

IJT ● NEW INSULATED JOINT

JT ⊘ NEW JOINT

NOTES - AARDOT #850-938H

1. ALL RAIL JOINTS WITHIN THE CROSSING CWR AREA AS SHOWN WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
2. TIE SPACING UNDER CWR AND TRANSITION AREA SHALL BE AS SHOWN. VARIES 18 TO 19.5 INCHES ON CENTER.
3. TIES IN CROSSING AREA SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER (PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)). TIES REQUIRED OUTSIDE OF CROSSING AREA SHALL BE PAID AS ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).
4. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
5. BALLAST OUTSIDE THE FULL DEPTH RAILROAD CONSTRUCTION AREA SHALL EXTEND 12 INCHES MIN. BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED. (SEE DETAIL)
6. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
7. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS AND INSULATED JOINTS.
8. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
9. EXCAVATION, UNDERDRAIN, UNDERDRAIN CARRIER PIPE, BALLAST, GEOTEXTILE, FLANGEWAY MATERIALS AND TIES INSIDE CROSSING AREA WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
10. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
11. ASPHALTIC PLUG JOINTS WILL BE PAID AS ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG.
12. PREFERRED RAIL LAYING TEMPERATURE (PRLT) SHALL BE BETWEEN 105 DEGREES AND 120 DEGREES FAHRENHEIT.
13. THE PROPOSED 8 INCH UNDERDRAIN CARRIER PIPE SHALL DAYLIGHT AS SHOWN ON SHEET 37 OR AS DIRECTED BY THE ENGINEER.



TYPICAL SECTION RAILROAD

NOT TO SCALE

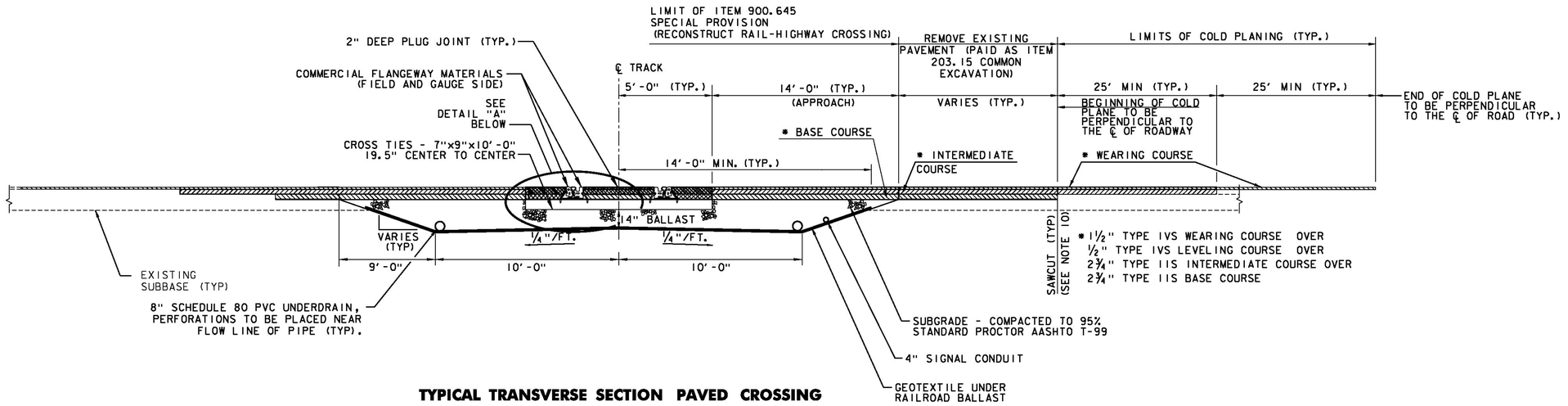
AARDOT #850-938H

RAILROAD CROSSING DETAIL SHEET #7

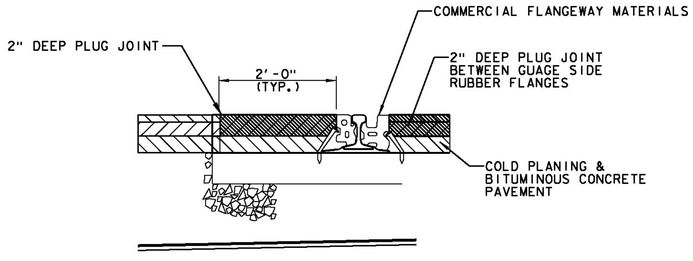
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 38 OF 250

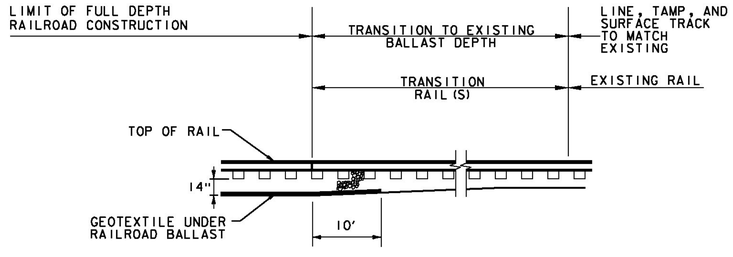
Stantec



TYPICAL TRANSVERSE SECTION PAVED CROSSING



DETAIL "A"



TYPICAL BALLAST TRANSITION

NOT TO SCALE

AARDOT #850-938H

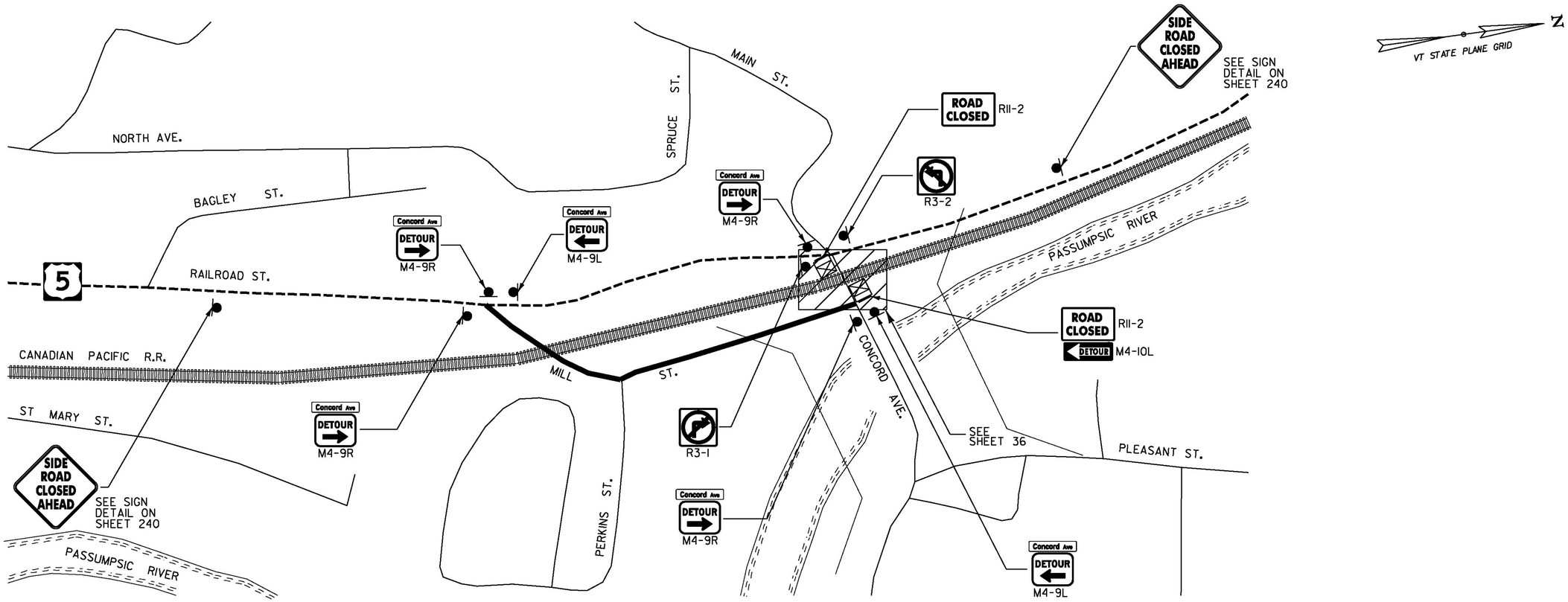
RAILROAD CROSSING DETAIL SHEET #8

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 39 OF 250



NOTES:

1. CONCORD AVE. WILL BE CLOSED TO THROUGH TRAFFIC BETWEEN U.S. ROUTE 5 AND PLEASANT ST. DURING THE CONSTRUCTION OF THE AARDOT 850-938H RAILROAD CROSSING.
2. THE TRAFFIC DETOUR SHALL BE USED THROUGHOUT THE ENTIRE RAILROAD CROSSING CONSTRUCTION. THE INTENT OF THE DETOUR IS TO ELIMINATE VEHICLE TRAFFIC FROM THE RAILROAD CONSTRUCTION AREA.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR SCHEDULE IN SUCH A MANNER AS TO GIVE THE TOWN OF ST JOHNSBURY AT LEAST TWO WEEKS' NOTICE PRIOR TO COMMENCING THE RAILROAD CROSSING CONSTRUCTION. ALL COMMUNICATION SHALL INCLUDE EMERGENCY DISPATCH PERSONNEL AS DESCRIBED IN THE SPECIAL PROVISIONS.
4. NO DETOUR SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, OR CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SHALL BE COMPLETELY COVERED OR REMOVED.
5. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
6. DETOUR ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.
7. DETOUR SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
8. DIAMOND SHAPED DETOUR SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE TYPE VIII OR IX MINIMUM AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
10. WHERE DETOUR SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
11. THE ALLOWABLE DURATION AND TIMING OF ROAD CLOSURE SHALL BE COORDINATED WITH THE RAILROAD, THE TOWN, AND OTHER AFFECTED PARTIES THROUGH THE ENGINEER.
12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.
13. THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
14. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-938H).

LEGEND

- = RAIL/HIGHWAY CROSSING WORK AREA
- = SIGN (SHOWN FACING LEFT)
- = TYPE 3 BARRICADE
- = TYPE 3 BARRICADE (MOD.)

TOWN OF ST JOHNSBURY	M4-9R	M4-9L	M4-10R	M4-10L	R3-1	R3-2	RII-2	SRCA	CONCORD AVE	TYPE 3 BARRICADE	TYPE 3 BARRICADE (MOD.)
RAILROAD ST.					1	1		2			
RAILROAD ST. & MILL ST. INTERSECTION	2	1		1					3		
RAILROAD ST. & MAIN ST. INTERSECTION	1								1		
RAILROAD ST. & CONCORD AVE. INTERSECTION							3			4	1
CONCORD AVE. & MILL ST. INTERSECTION	1	1		1			3		2	4	1
TOTALS	4	2	1	2	1	1	6	2	6	8	2

NOT TO SCALE

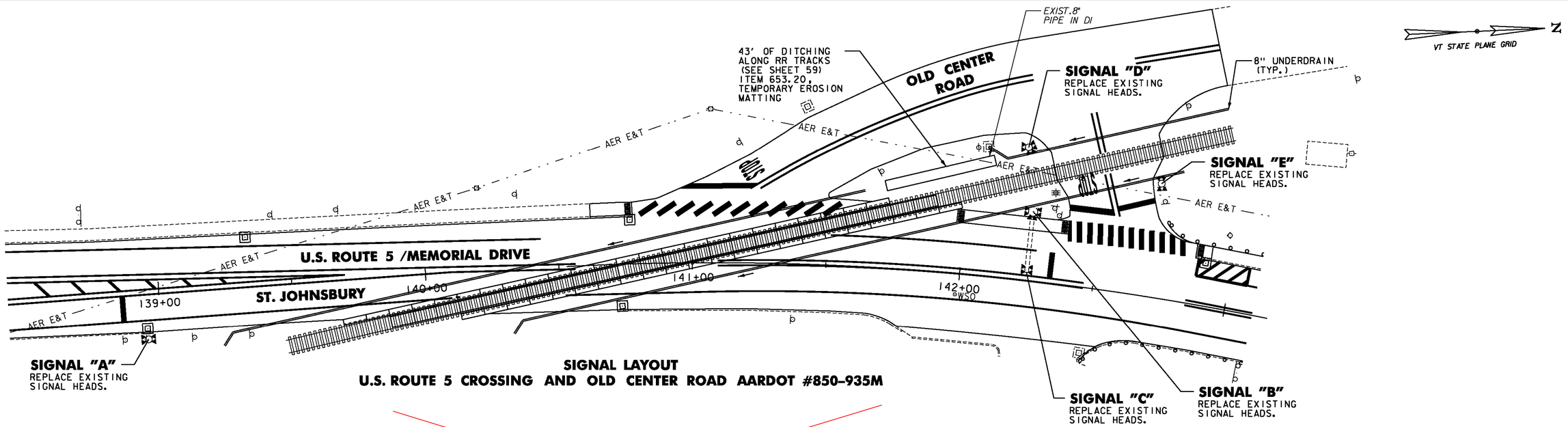
RAILROAD CROSSING DETAIL SHEET #9

DETOUR PLAN FOR CROSSING AARDOT #850-938H

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

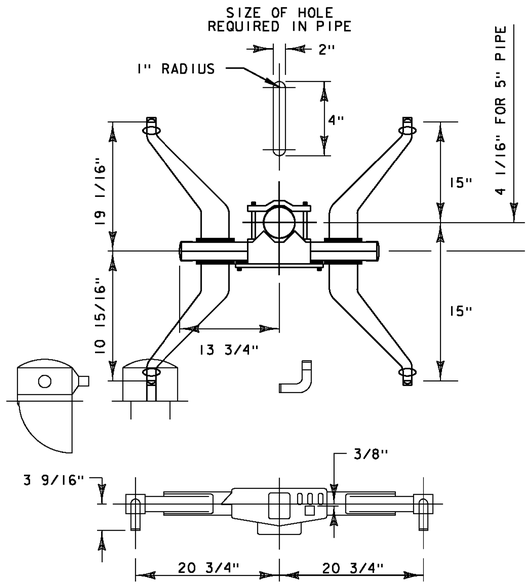
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 40 OF 250

Stantec

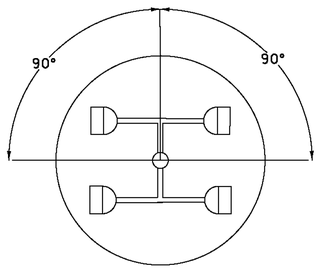


SIGNAL LAYOUT
U.S. ROUTE 5 CROSSING AND OLD CENTER ROAD AARDOT #850-935M

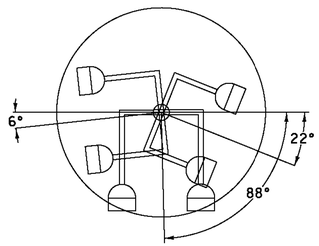
ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-935M) ST. JOHNSBURY U.S. ROUTE 5 STA. 142+60, LT		
QUANTITY	UNIT	DESCRIPTION
24	EA	12" LED RAILROAD SIGNAL HEAD
10	EA	LAMP CROSSARM WITH BRACKETS
1500	LF	WIRED CONDUIT (LIGHTING WIRE AND TRACK WIRE)



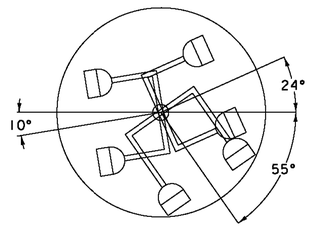
TYPICAL LAMP CROSSARM WITH BRACKETS
NOT TO SCALE



CROSSARM LAYOUT
SIGNAL "A"
SIGNAL "E"



CROSSARM LAYOUT
SIGNAL "B"



CROSSARM LAYOUT
SIGNAL "D"

NOTE:
1. FOR ADDITIONAL DETAILS & NOTES SEE SHEETS 42-45

NOT TO SCALE

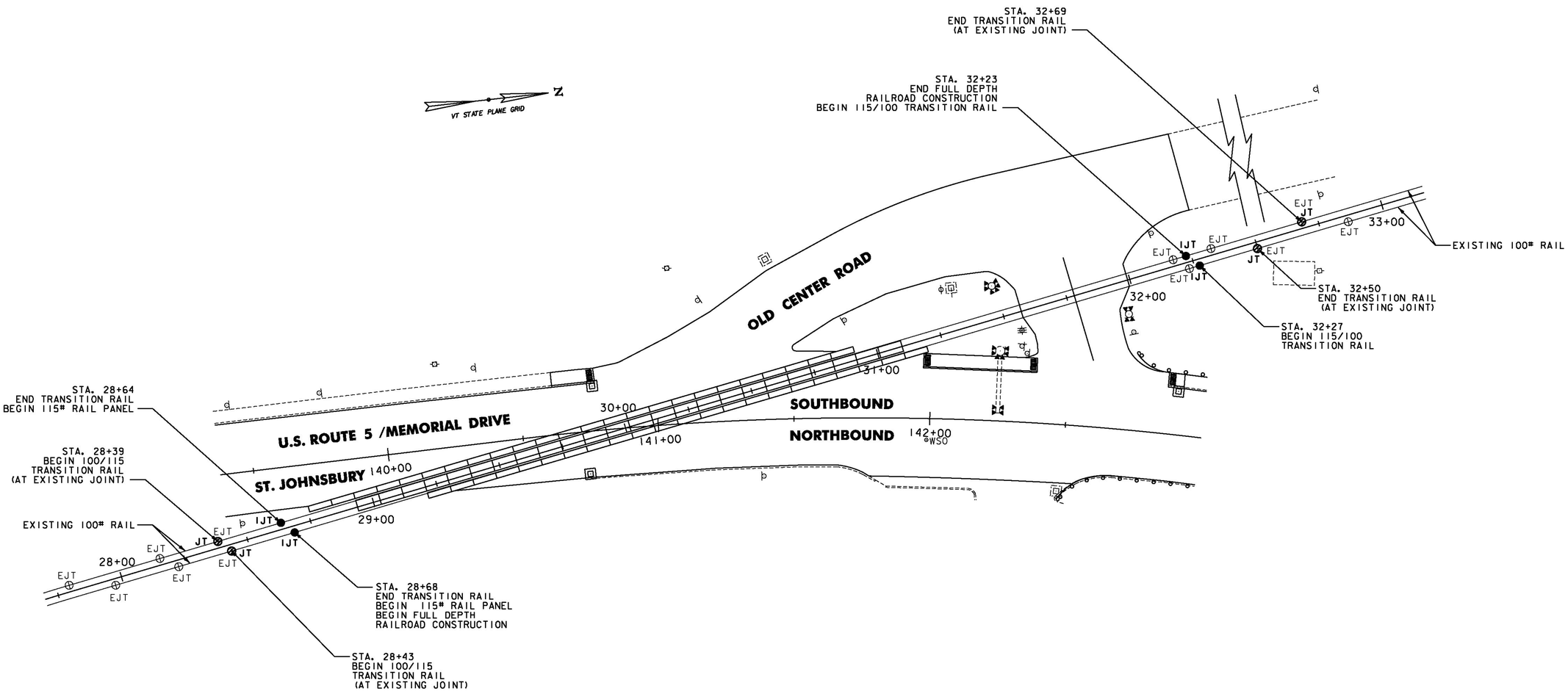
AARDOT #850-935M

RAILROAD CROSSING DETAIL SHEET #10

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 41 OF 250



EXISTING AND PROPOSED RAIL JOINT LAYOUT
U.S. ROUTE 5 CROSSING AND OLD CENTER ROAD AARDOT #850-935M

LEGEND

EJT ⊘ EXISTING JOINT

IJT ● NEW INSULATED JOINT

JT ⊘ NEW JOINT

Stantec

NOT TO SCALE

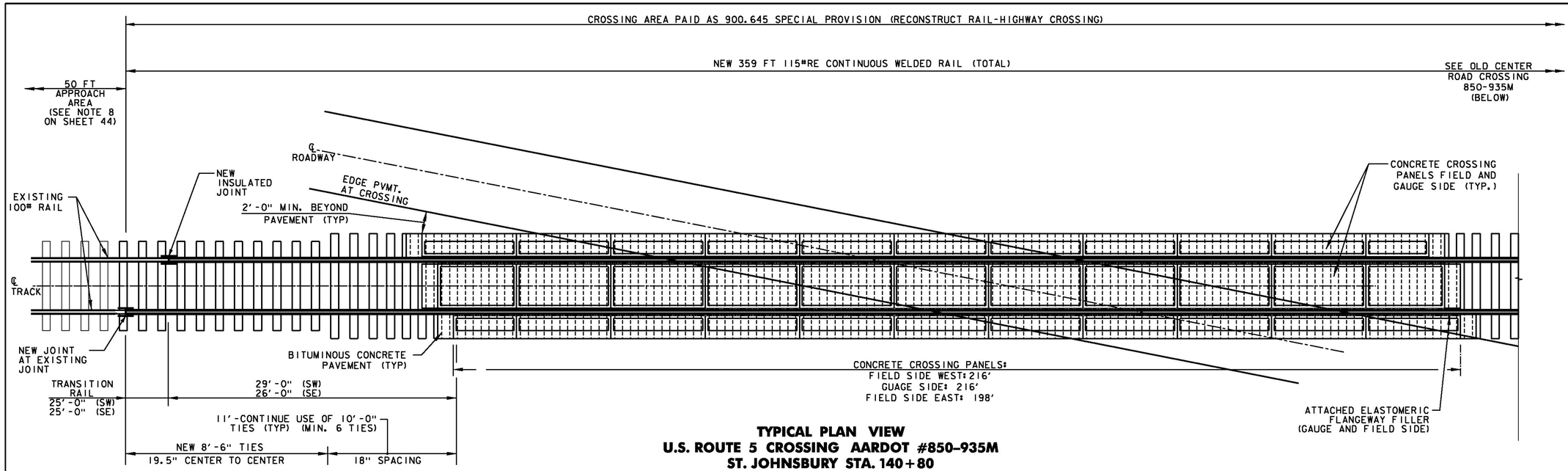
RAILROAD CROSSING DETAIL SHEET #11

AARDOT #850-935M

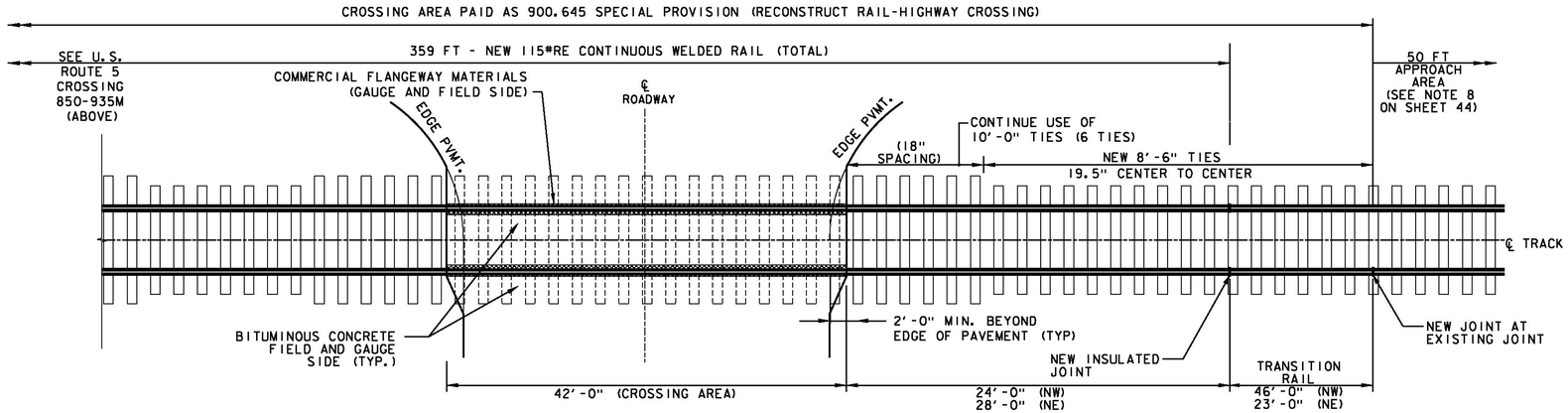
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 42 OF 250

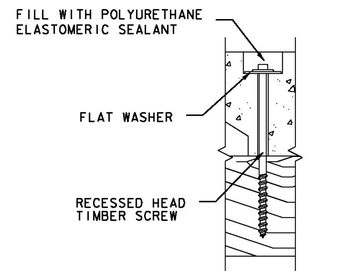


TYPICAL PLAN VIEW
U.S. ROUTE 5 CROSSING AARDOT #850-935M
ST. JOHNSBURY STA. 140+80

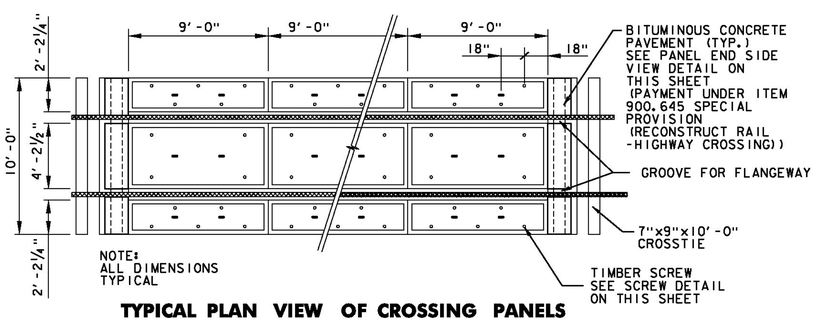


TYPICAL PLAN VIEW OLD CENTER ROAD AARDOT #850-935M
ST. JOHNSBURY U.S. ROUTE 5 STA 142+60, LT

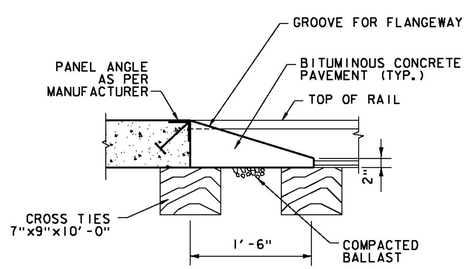




SCREW DETAIL



TYPICAL PLAN VIEW OF CROSSING PANELS



PANEL END SIDE VIEW

Stantec

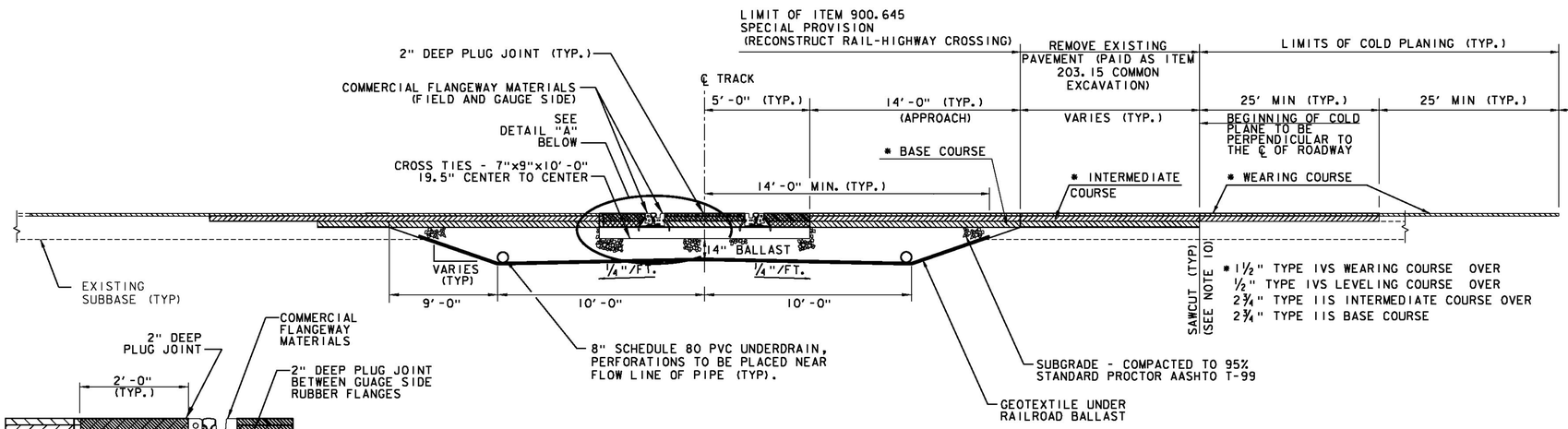
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #12

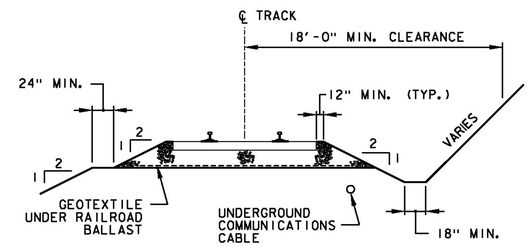
AARDOT #850-935M

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 43 OF 250

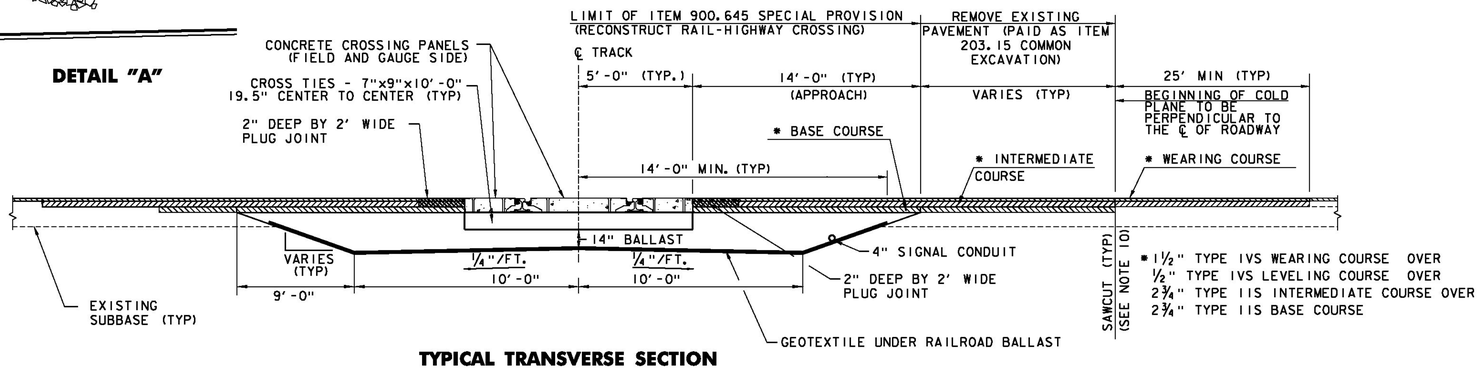


TYPICAL TRANSVERSE SECTION PAVED CROSSING

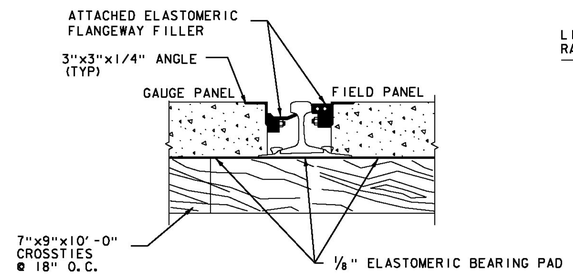


TYPICAL SECTION RAILROAD

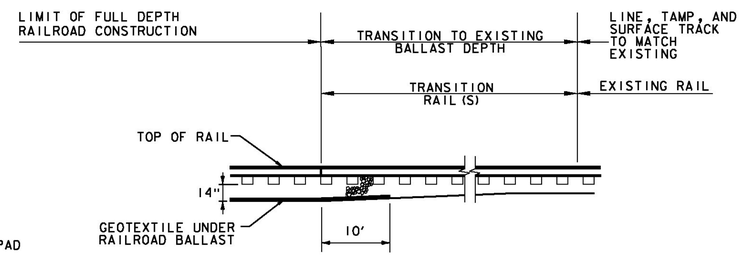
DETAIL "A"



TYPICAL TRANSVERSE SECTION CONCRETE CROSSING



RAIL-SEALS TYPICAL



TYPICAL BALLAST TRANSITION

NOTES – AARDOT #850–935M

1. ALL RAIL JOINTS WITHIN THE CROSSING CWR AREA AS SHOWN WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
2. TIE SPACING UNDER CWR AND TRANSITION AREA SHALL BE AS SHOWN. VARIES 18 TO 19.5 INCHES ON CENTER.
3. TIES IN CROSSING AREA SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER (PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)). TIES REQUIRED OUTSIDE OF CROSSING AREA SHALL BE PAID AS ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).
4. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
5. BALLAST OUTSIDE THE FULL DEPTH RAILROAD CONSTRUCTION AREA SHALL EXTEND 12 INCHES MIN. BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED. (SEE DETAIL)
6. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
7. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS AND INSULATED JOINTS.
8. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
9. EXCAVATION, UNDERDRAIN, UNDERDRAIN CARRIER PIPE, BALLAST, GEOTEXTILE, FLANGEWAY MATERIALS AND TIES INSIDE CROSSING AREA WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
10. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
11. ASPHALTIC PLUG JOINTS WILL BE PAID AS ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG.
12. PREFERRED RAIL LAYING TEMPERATURE (PRLT) SHALL BE BETWEEN 105 DEGREES AND 120 DEGREES FAHRENHEIT.
13. THE PROPOSED 8 INCH UNDERDRAIN CARRIER PIPE SHALL DAYLIGHT AS SHOWN ON SHEET 41 OR AS DIRECTED BY THE ENGINEER.

AARDOT #850-935M

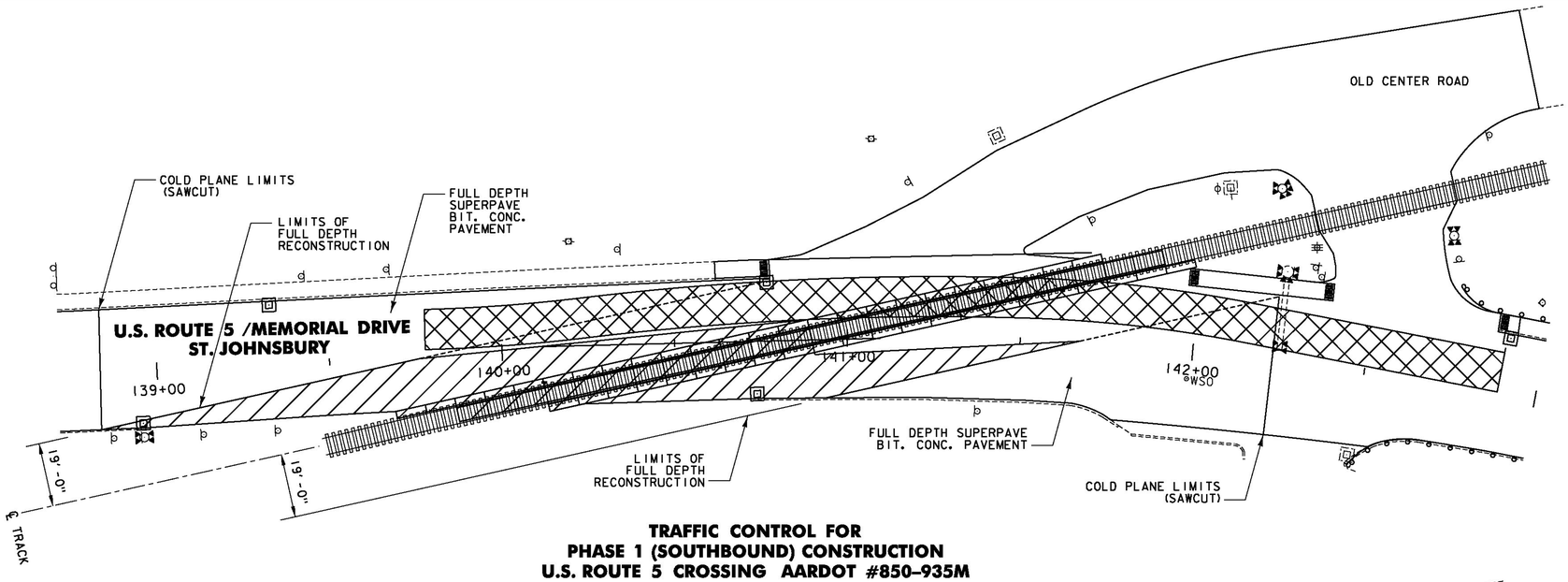
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #13

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

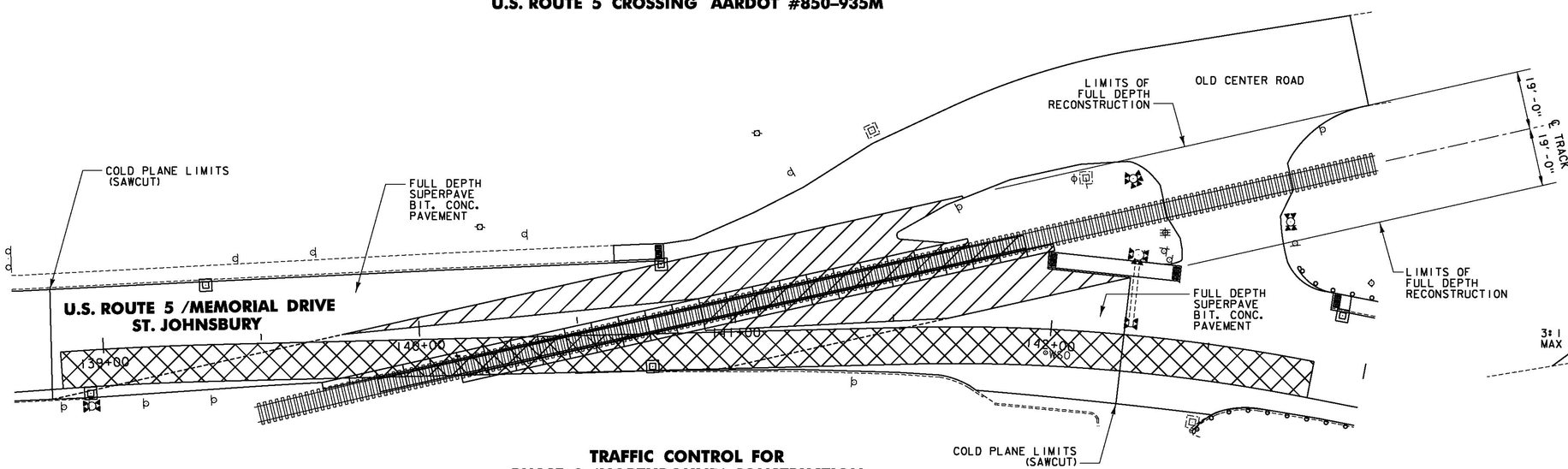
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 44 OF 250



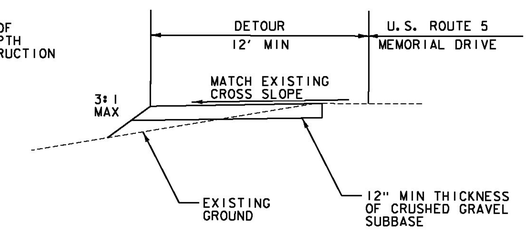
TRAFFIC CONTROL FOR
PHASE 1 (SOUTHBOUND) CONSTRUCTION
U.S. ROUTE 5 CROSSING AARDOT #850-935M

NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR PHASED CONSTRUCTION OF THE CROSSING MAINTAINING TWO WAY TRAFFIC BETWEEN THE HOURS OF 7:00 AM AND 6:00 PM, AND A MINIMUM OF ONE WAY TRAFFIC BETWEEN THE HOURS OF 6:00 PM AND 7:00 AM.
2. ALL WORK SHALL REMAIN INSIDE THE ASSUMED 3-ROD RIGHT OF WAY (ROW) AND THE RAILROAD ROW. NO EASEMENTS OR OTHER PERMISSION TO WORK OUTSIDE THE ROW HAVE BEEN OBTAINED.
3. CONTRACTOR IS RESPONSIBLE FOR SURVEYING EXISTING RAIL AND ROADWAY GRADE AND MAINTAINING EXISTING VERTICAL PROFILES.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE OF TEMPORARY AND PERMANENT ROADWAY SURFACES THROUGHOUT ALL CONSTRUCTION PHASES.
5. MINIMUM 12 FOOT LANE SHALL BE MAINTAINED FOR PHASED TEMPORARY ONE WAY TRAFFIC AT ALL TIMES.
6. ALL WORK AND MATERIALS ASSOCIATED WITH THE CONSTRUCTION, REMOVAL AND RESTORATION OF A TEMPORARY DETOUR WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-935M).
7. AREA BETWEEN COLD PLANE SAWCUT LIMITS AND LIMITS OF FULL DEPTH RECONSTRUCTION TRANSITION SHALL BE FULL DEPTH SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AND WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-935M).
8. ALL TEMPORARY PAVING MARKINGS NECESSARY FOR THIS CONSTRUCTION STAGE WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 850-935M).



TRAFFIC CONTROL FOR
PHASE 2 (NORTHBOUND) CONSTRUCTION
U.S. ROUTE 5 CROSSING AARDOT #850-935M



TEMPORARY DETOUR SECTION

N. T. S.

NOTE: ALL WORK AND MATERIALS ASSOCIATED WITH TEMPORARY DETOUR WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL RAIL-HIGHWAY CROSSING) (AARDOT 850-935M).

LEGEND

= WORK AREA

= DETOUR (ONE WAY TRAFFIC)

NOT TO SCALE

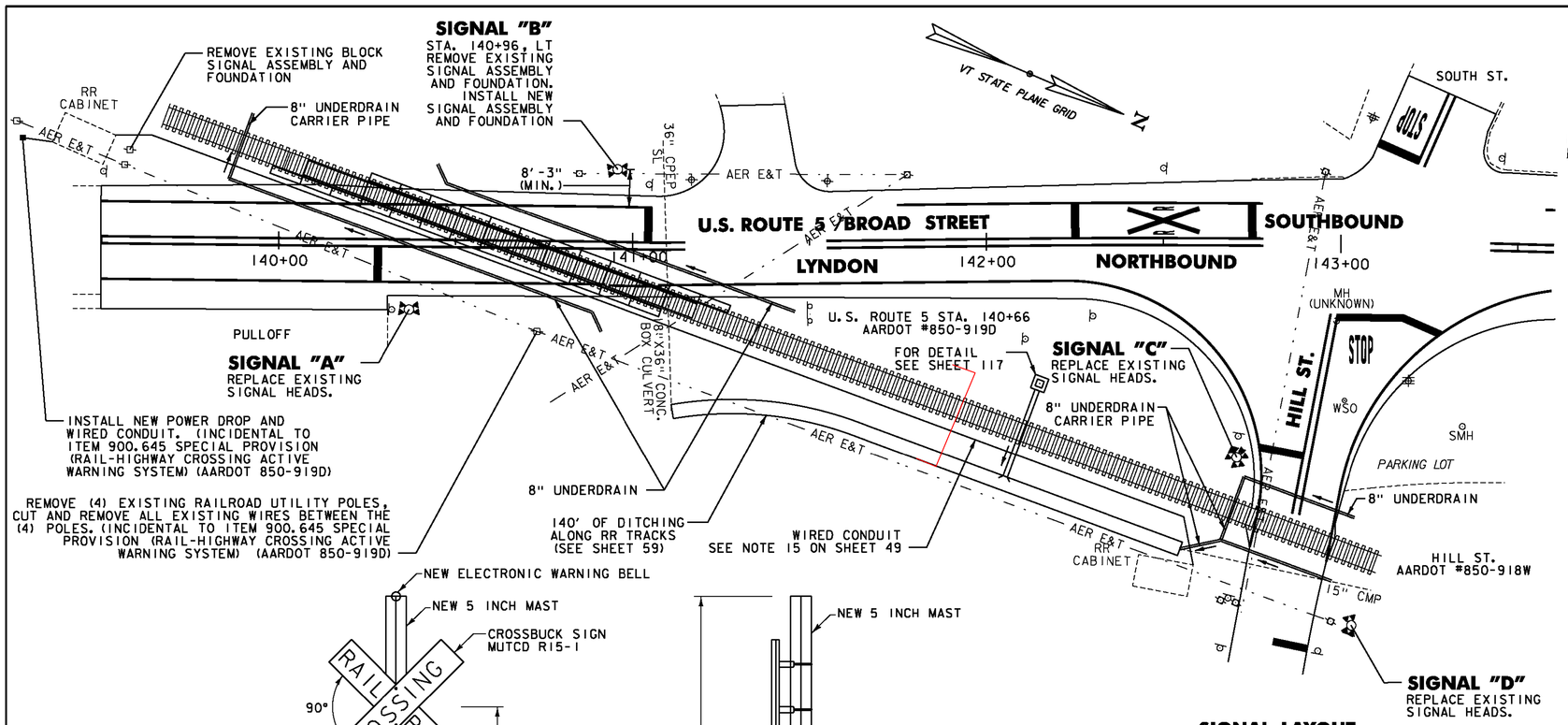
AARDOT #850-935M

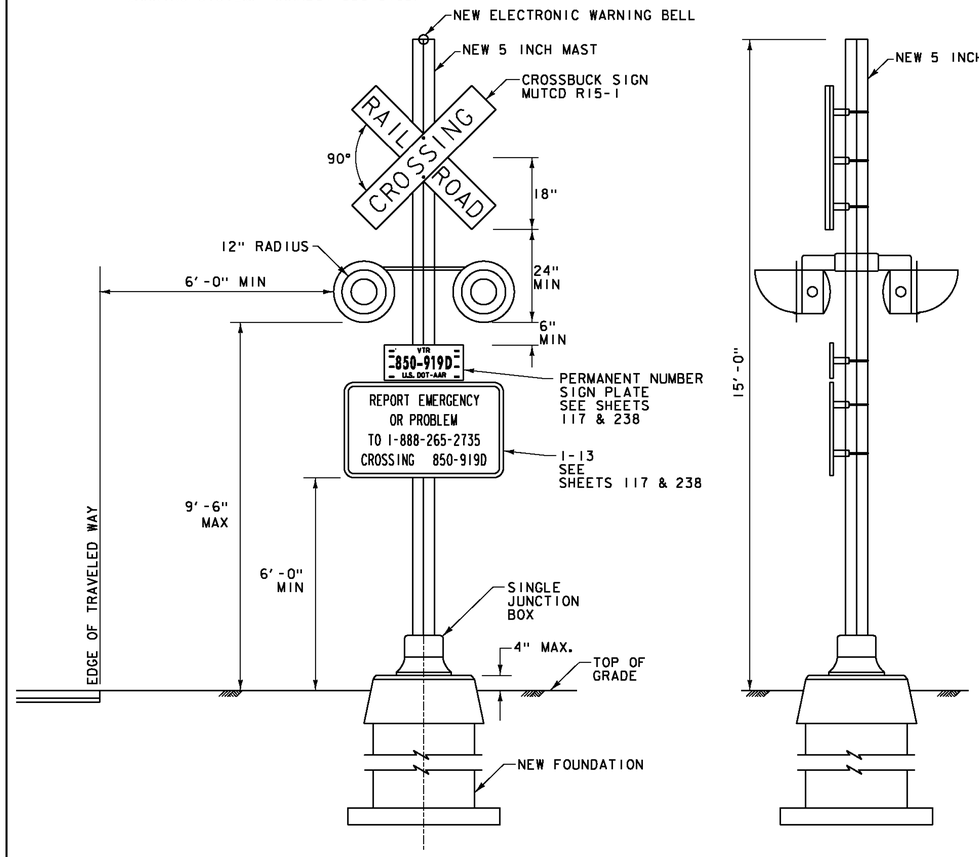
RAILROAD CROSSING DETAIL SHEET #14

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 45 OF 250





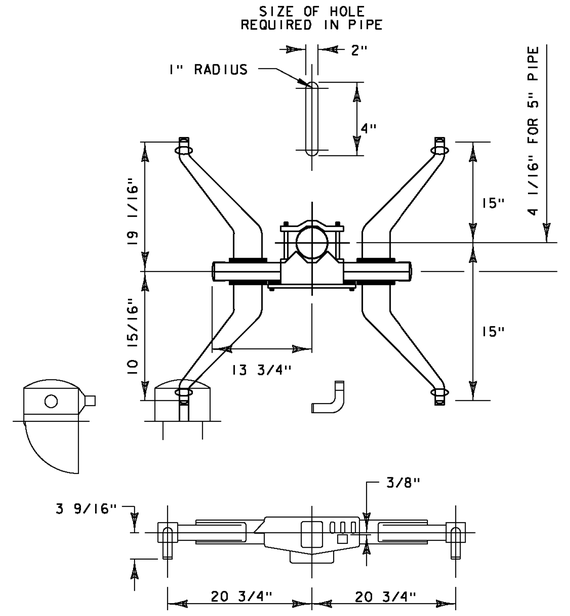
ROADWAY VIEW

SIDE VIEW

SIGNAL "B" ASSEMBLY
NOT TO SCALE

NOTE:
1. FOR ADDITIONAL DETAILS & NOTES SEE SHEETS 47-52

SIGNAL LAYOUT
U.S. ROUTE 5 AARDOT #850-919D
&
HILL STREET AARDOT #850-918W



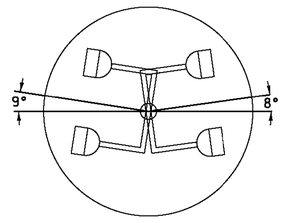
TYPICAL LAMP CROSSARM WITH BRACKETS

ITEM 900.645 SPECIAL PROVISION
(RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-919D)
LYNDON U.S. ROUTE 5 STA. 140+66, RT

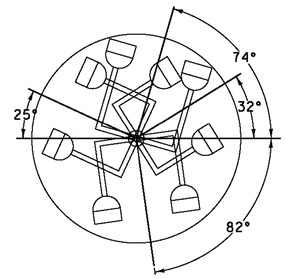
QUANTITY	UNIT	DESCRIPTION
1	EA	REMOVE EXISTING SIGNAL ASSEMBLY (SIGNAL "B")
1	EA	REMOVE EXISTING BLOCK SIGNAL ASSEMBLY AND FOUNDATION
1	LS	REMOVE EXISTING RAILROAD UTILITY POLES AND WIRES
1	EA	SIGNAL ASSEMBLY WITH MAST (SIGNAL "B")
4	EA	12" LED RAILROAD SIGNAL HEAD (SIGNAL "A")
2	EA	LAMP CROSSARM WITH BRACKETS (SIGNAL "A")
1	EA	ELECTRONIC WARNING BELL
680	LF	WIRED CONDUIT (LIGHTING WIRES AND TRACK WIRES. INCLUDES CONNECTION TO AARDOT#850-918W)
1	EA	POWER DROP STANCHION (INCLUDING ALL HARDWARE AND CONNECTIONS)

ITEM 900.645 SPECIAL PROVISION
(RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-918W)
LYNDON U.S. ROUTE 5 STA. 143+02, RT

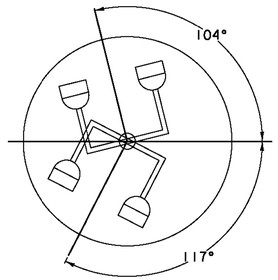
QUANTITY	UNIT	DESCRIPTION
12	EA	12" LED RAILROAD SIGNAL HEAD
6	EA	LAMP CROSSARM WITH BRACKETS
1	EA	ELECTRONIC WARNING BELL
240	LF	WIRED CONDUIT (TRACK WIRES AND LIGHTING WIRES)



CROSSARM LAYOUT
SIGNAL "A"



CROSSARM LAYOUT
SIGNAL "C"



CROSSARM LAYOUT
SIGNAL "D"

AARDOT #850-919D AND #850-918W

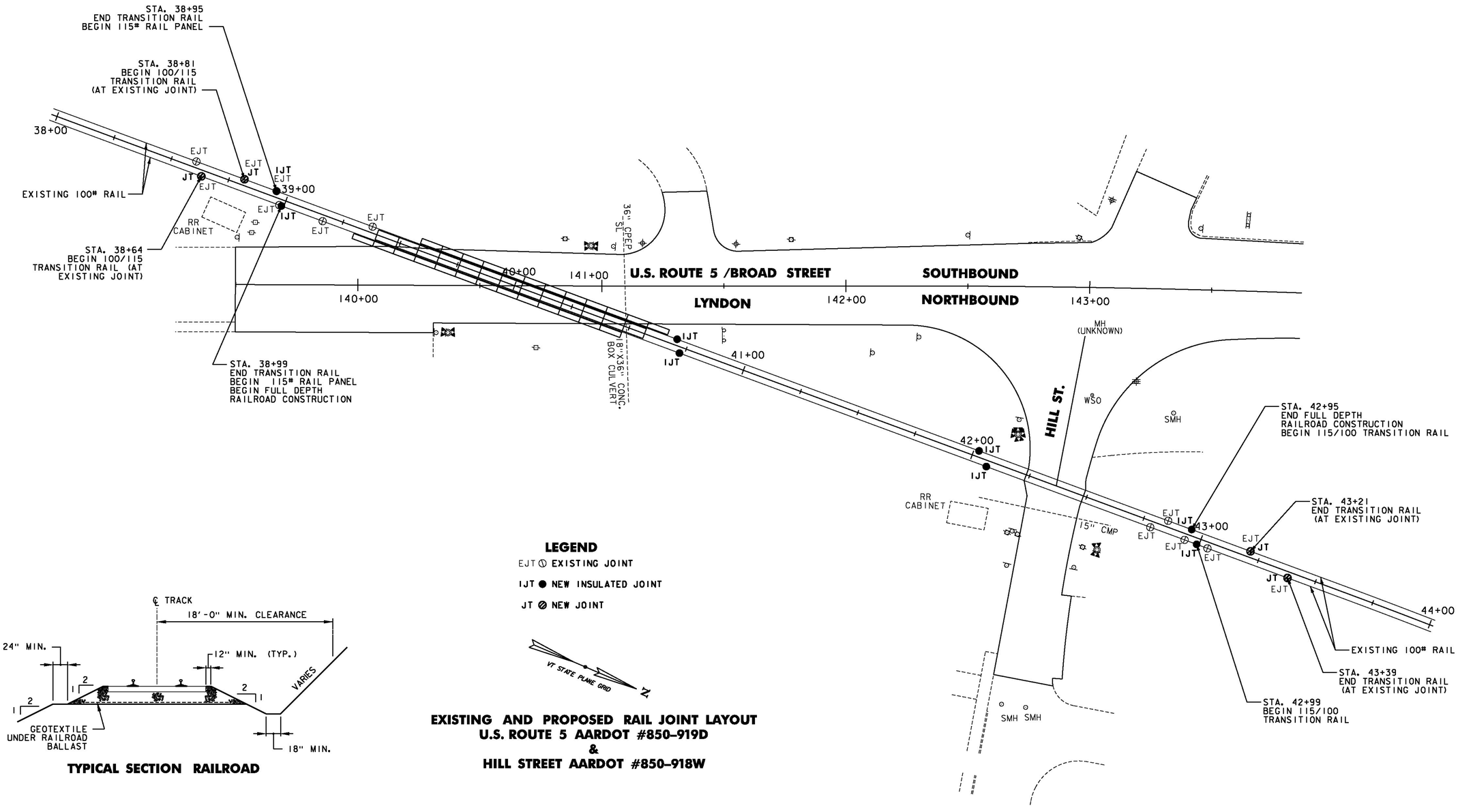
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #15

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 46 OF 250

Stantec



TYPICAL SECTION RAILROAD

LEGEND

EJT ⓥ EXISTING JOINT

IJT ● NEW INSULATED JOINT

JT ⊘ NEW JOINT

VT STATE PLANE GRID N

EXISTING AND PROPOSED RAIL JOINT LAYOUT
U.S. ROUTE 5 AARDOT #850-919D
&
HILL STREET AARDOT #850-918W

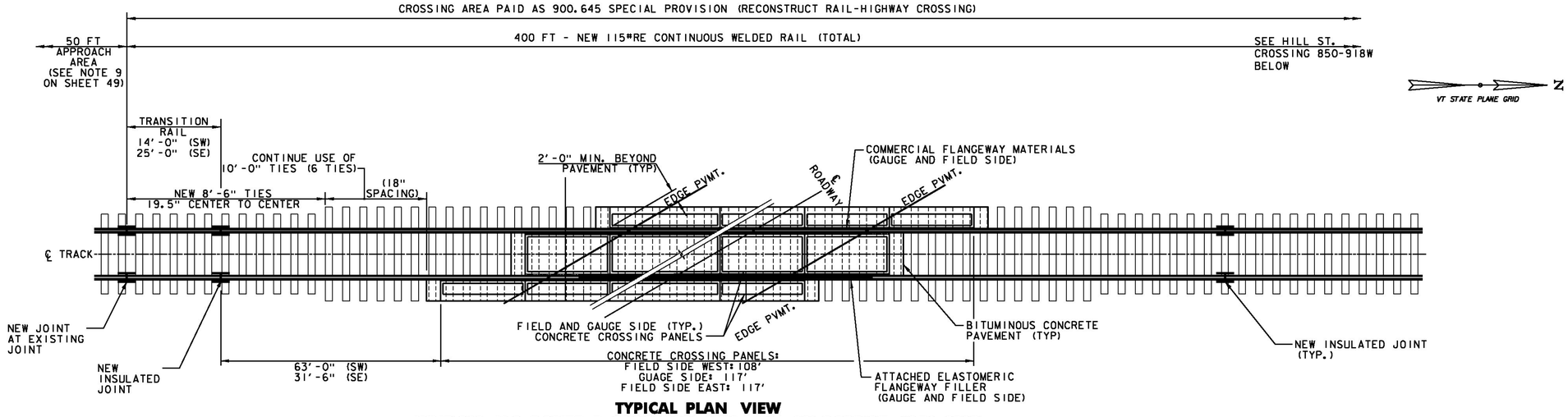
AARDOT #850-919D AND #850-918W

NOT TO SCALE

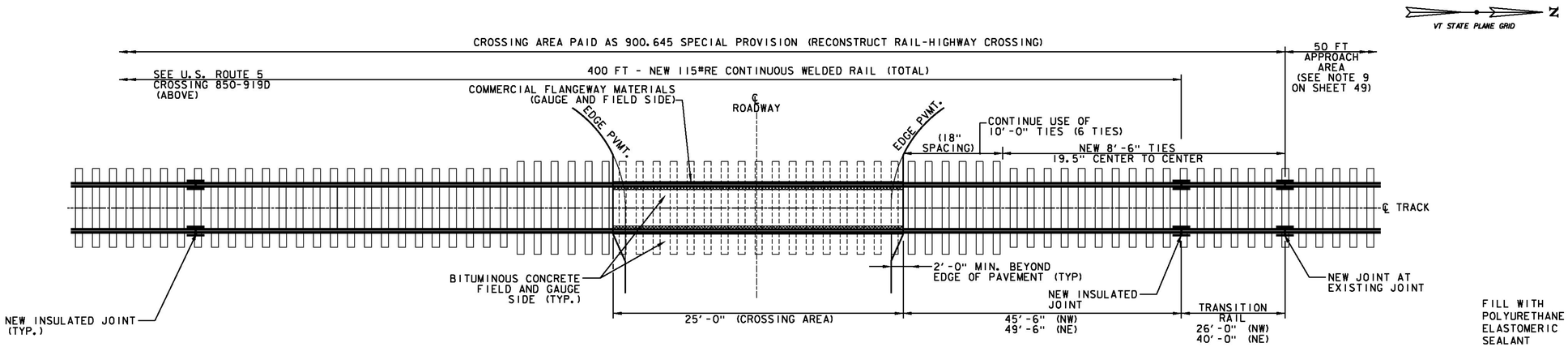
RAILROAD CROSSING DETAIL SHEET #16

Stantec

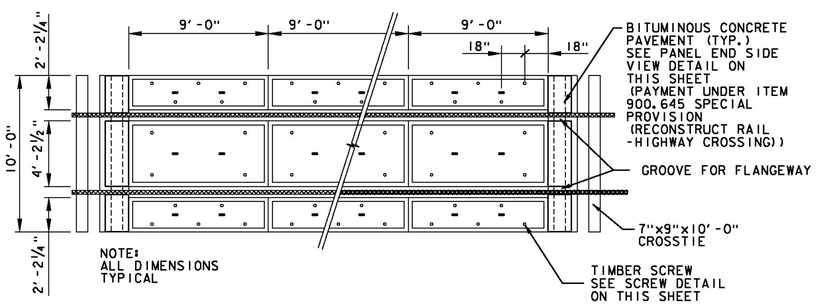
PROJECT NAME: ST JOHNSBURY - LYNDON	
PROJECT NUMBER: STP 2936(I)	
FILE NAME: plic308.dgn	PLOT DATE: 5/5/2014
PROJECT LEADER: G. EDWARDS	DRAWN BY: D. DRAPER
DESIGNED BY: D. DRAPER	CHECKED BY: J. LITTLE
	SHEET 47 OF 250



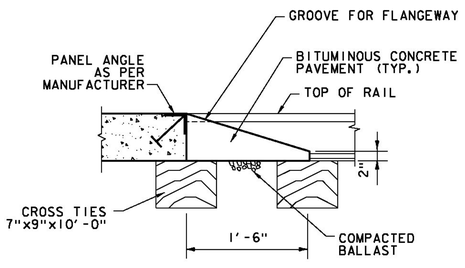
TYPICAL PLAN VIEW
LYNDON U.S. ROUTE 5 CROSSING (STA. 140+63) AARDOT #850-919D



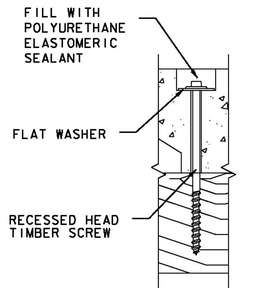
TYPICAL PLAN VIEW
HILL STREET CROSSING AARDOT #850-918W
LYNDON U.S. ROUTE 5 STA 143+02, RT



TYPICAL PLAN VIEW OF CROSSING PANELS



PANEL END SIDE VIEW



SCREW DETAIL

NOT TO SCALE

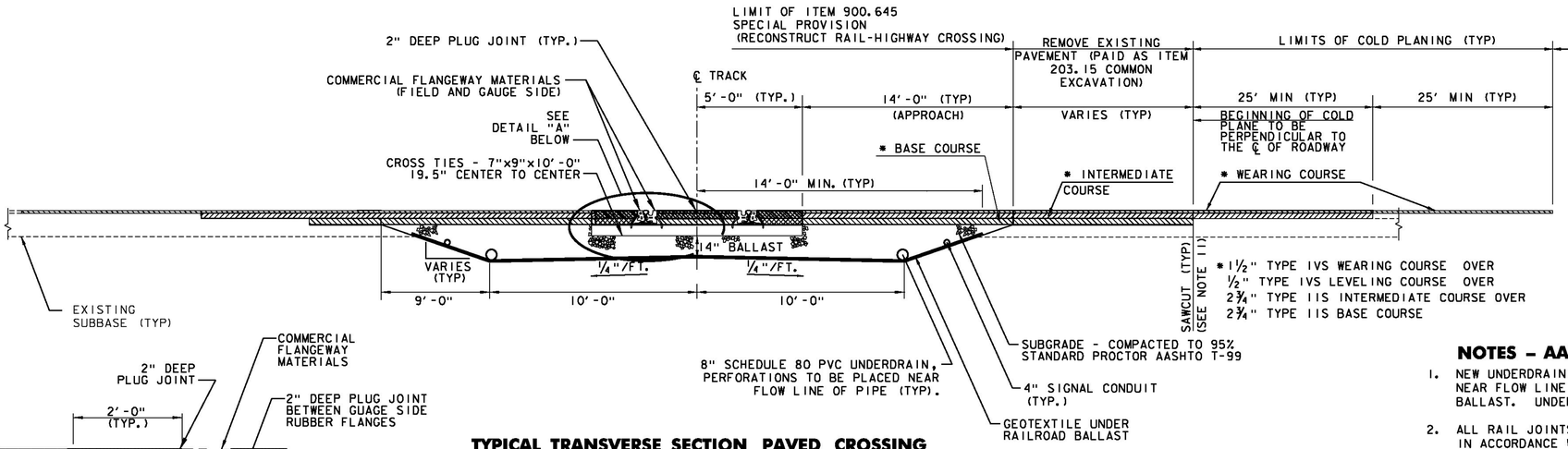
AARDOT #850-919D AND #850-918W

Stantec

RAILROAD CROSSING DETAIL SHEET #17

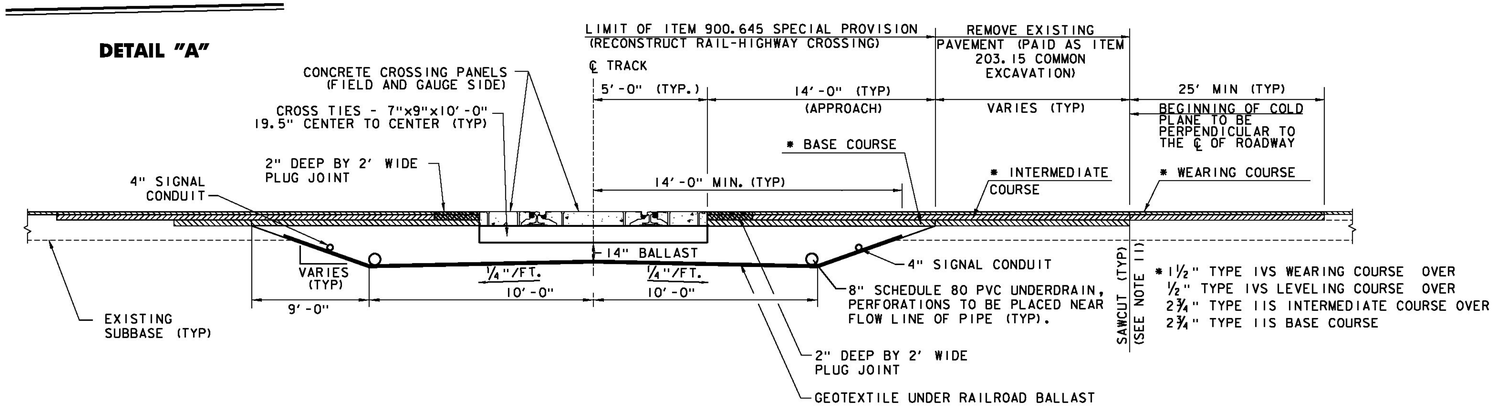
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 48 OF 250

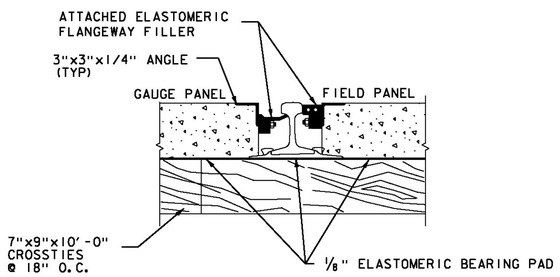


TYPICAL TRANSVERSE SECTION PAVED CROSSING

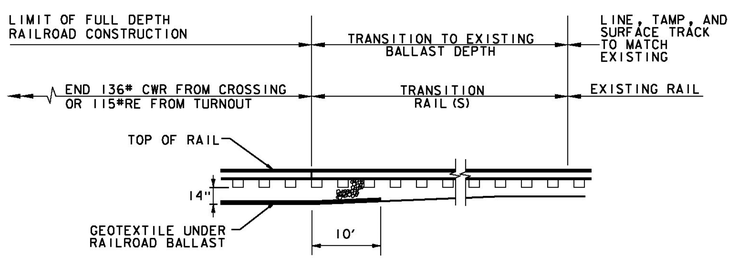
DETAIL "A"



TYPICAL TRANSVERSE SECTION CONCRETE CROSSING



RAIL-SEALS TYPICAL



TYPICAL BALLAST TRANSITION

NOTES - AARDOT #850-919D AND #850-918W

1. NEW UNDERDRAIN PIPE SHALL OUTLET AS SHOWN ON PLAN. PERFORATIONS TO BE PLACED NEAR FLOW LINE OF PIPE. GEOTEXTILE SHALL BE GEOTEXTILE UNDER RAILROAD BALLAST. UNDERDRAIN PIPE SHALL BE SCHEDULE 80 PVC PERFORATED PIPE.
2. ALL RAIL JOINTS WITHIN THE CROSSING AREA AS SHOWN WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
3. TIE SPACING UNDER CWR AREA SHALL BE AS SHOWN. VARIES 18 TO 19.5 INCHES ON CENTER.
4. TIES IN CROSSING AREA SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER (PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING)). TIES REQUIRED OUTSIDE OF CROSSING AREA SHALL BE PAID AS ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).
5. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
6. BALLAST OUTSIDE THE FULL DEPTH RAILROAD CONSTRUCTION AREA SHALL EXTEND 12 INCHES MIN. BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED. (SEE DETAIL)
7. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
8. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS AND INSULATED JOINTS.
9. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
10. EXCAVATION, UNDERDRAIN, UNDERDRAIN CARRIER PIPE, BALLAST, GEOTEXTILE, FLANGEWAY MATERIALS AND TIES INSIDE CROSSING AREA WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
11. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
12. ASPHALTIC PLUG JOINTS WILL BE PAID AS ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG.
13. PREFERRED RAIL LAYING TEMPERATURE (PRLT) SHALL BE BETWEEN 105 DEGREES AND 120 DEGREES FAHRENHEIT.
14. THE PROPOSED 8 INCH UNDERDRAIN CARRIER PIPE SHALL DAYLIGHT AS SHOWN ON SHEET 46 OR AS DIRECTED BY THE ENGINEER.
15. WIRED CONDUIT IS TO BE INSTALLED BETWEEN CROSSING #850-919D AND CROSSING #850-918W FOR THE PURPOSE OF SYNCHRONIZING THE SIGNAL SYSTEMS. THIS CONDUIT SHALL BE INSTALLED UNDERGROUND ADJACENT TO THE TRACK. THIS WORK INCLUDES INSTALLING INTERCONNECTIONS BETWEEN THE TWO CASES, ALONG WITH THE REQUIRED RELAYS AND WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-919D)

NOT TO SCALE

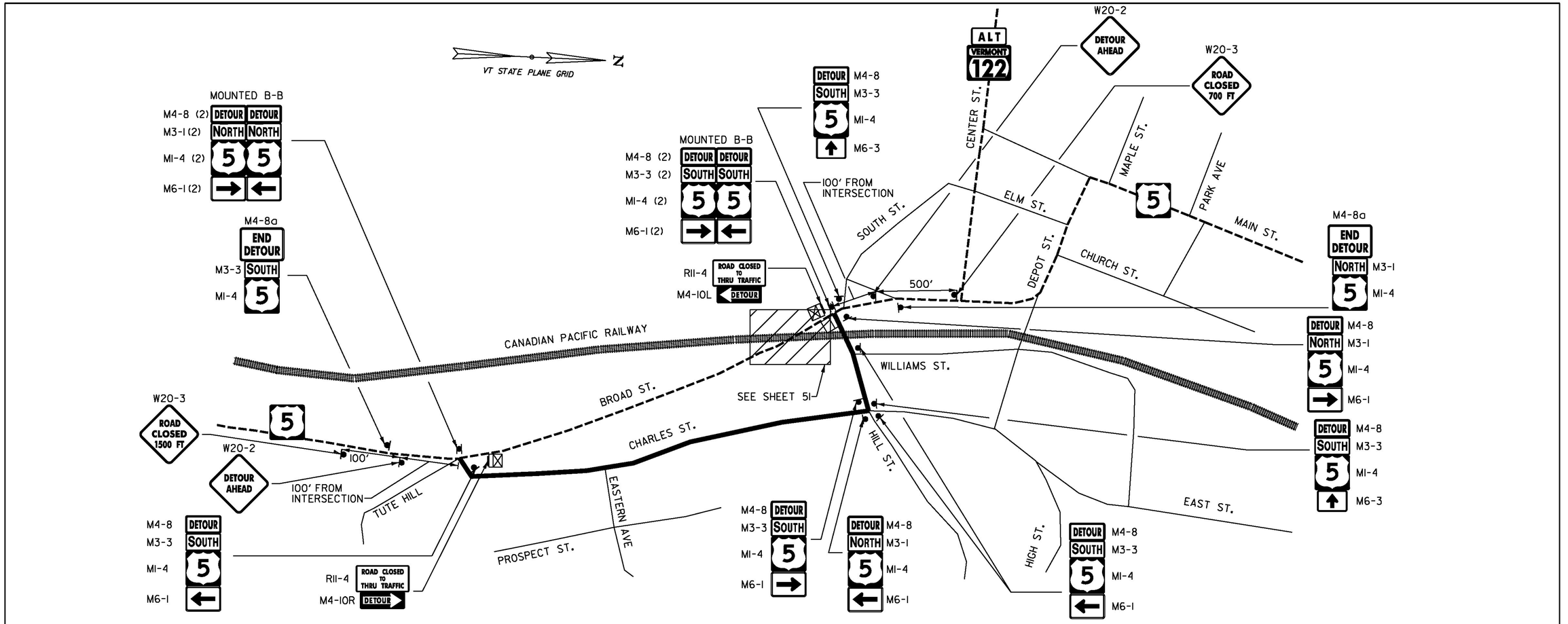
AARDOT #850-919D AND 850-918W

Stantec

RAILROAD CROSSING DETAIL SHEET #18

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 49 OF 250



NOTES:

1. BROAD STREET (U.S. ROUTE 5) WILL BE CLOSED TO THROUGH TRAFFIC BETWEEN CHARLES STREET AND HILL STREET DURING THE CONSTRUCTION OF THE AARDOT 850-919D RAILROAD CROSSING.
2. THE TRAFFIC DETOUR SHALL BE USED THROUGHOUT THE ENTIRE RAILROAD CROSSING CONSTRUCTION. THE INTENT OF THE DETOUR IS TO ELIMINATE VEHICLE TRAFFIC FROM THE RAILROAD CONSTRUCTION AREA.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR SCHEDULE IN SUCH A MANNER AS TO GIVE THE VILLAGE OF LYNDONVILLE AND THE TOWN OF LYNDON AT LEAST TWO WEEKS' NOTICE PRIOR TO COMMENCING THE RAILROAD CROSSING CONSTRUCTION. ALL COMMUNICATION SHALL INCLUDE EMERGENCY DISPATCH PERSONNEL AS DESCRIBED IN THE SPECIAL PROVISIONS.
4. NO DETOUR SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, OR CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SHALL BE COMPLETELY COVERED OR REMOVED.
5. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
6. DETOUR ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.
7. DETOUR SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
8. DIAMOND SHAPED DETOUR SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE TYPE VIII OR IX MINIMUM AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
10. WHERE DETOUR SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
11. THE ALLOWABLE DURATION AND TIMING OF ROAD CLOSURE SHALL BE COORDINATED WITH THE RAILROAD, THE VILLAGE, THE TOWN AND OTHER AFFECTED PARTIES THROUGH THE ENGINEER.
12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.
13. THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
14. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL HIGHWAY CROSSING) (AARDOT 850-919D).

VILLAGE OF LYNDON	RII-2	RII-4	M4-8a	M4-10R	M4-10L	W20-2	W20-3	TYPE 3 BARRICADE	TYPE 3 BARRICADE (MOD.)	M4-8	M3-1	M3-3	MI-4	M6-1	M6-3
ROAD CLOSURE AREA	6							4	8						
BROAD ST. & CHARLES INTERSECTION		1	1	1		1	1		1	3	2	2	4	3	
CHARLES ST. & HILL ST. INTERSECTION										4	1	3	4	3	
HILL ST. & WILLIAMS ST. INTERSECTION										1		1	1	1	
BROAD ST. & HILL ST. INTERSECTION		1	1		1	1	1	1	1	3	2	2	4	3	
BROAD ST. & SOUTH ST.										1		1	1		1
TOTALS	6	2	2	1	1	2	2	5	10	12	5	9	14	10	1

LEGEND

- = RAIL/HIGHWAY CROSSING WORK AREA
- = SIGN (SHOWN FACING LEFT)
- = TYPE 3 BARRICADE
- = TYPE 3 BARRICADE (MOD.)

DETOUR PLAN FOR CROSSING AARDOT #850-919D

NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #19

Stantec

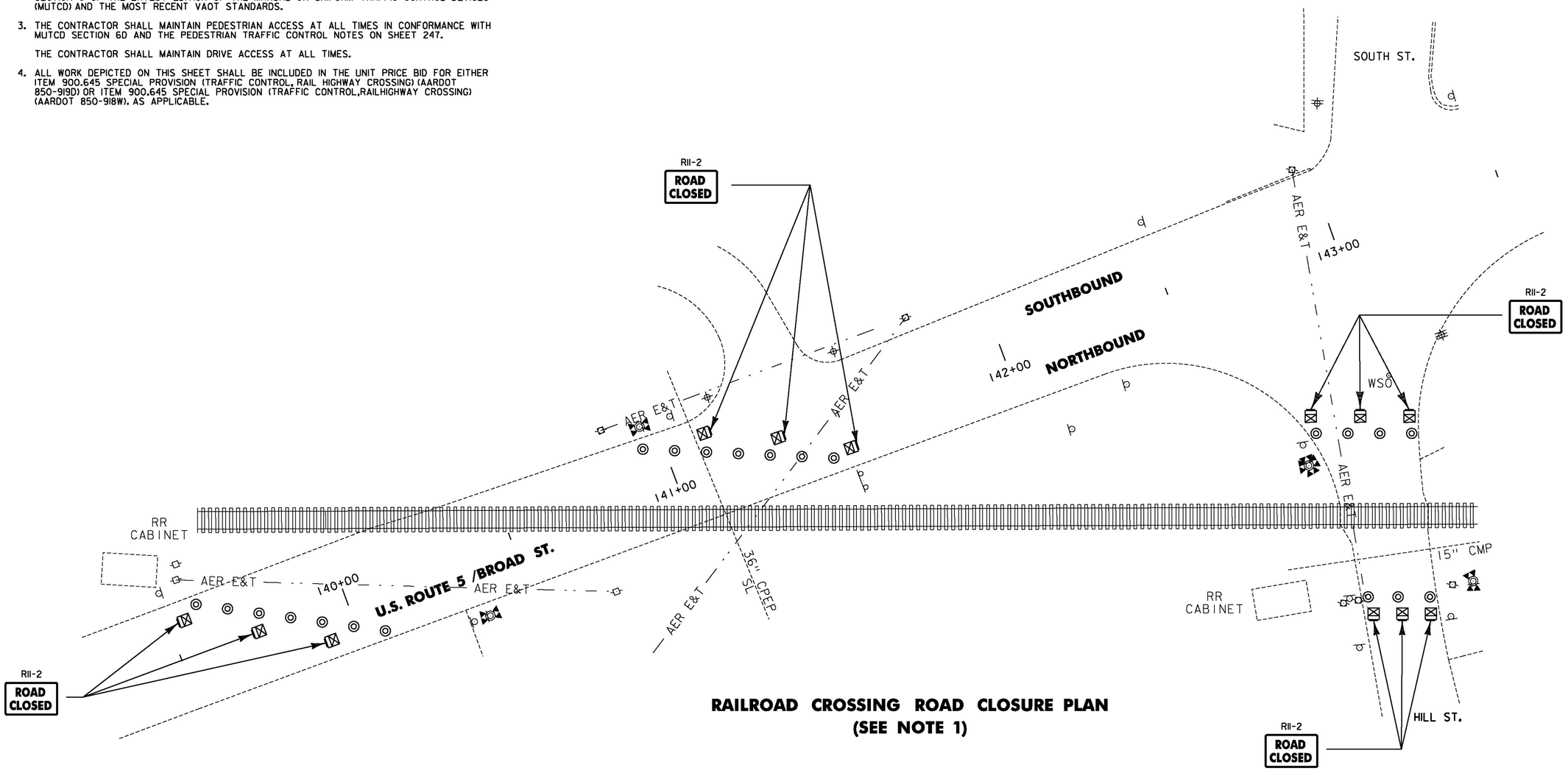
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 50 OF 250

NOTES

1. THIS PLAN SHOWS ROAD CLOSURES FOR THE AARDOT 850-919D AND AARDOT 850-918W CROSSINGS. ONLY ONE ROAD CLOSURE IS ALLOWED AT A TIME.
2. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
3. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.

   THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
4. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EITHER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL HIGHWAY CROSSING) (AARDOT 850-919D) OR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL,RAILHIGHWAY CROSSING) (AARDOT 850-918W), AS APPLICABLE.



RAILROAD CROSSING ROAD CLOSURE PLAN (SEE NOTE 1)

LEGEND

- ▯ = TYPE 3 BARRICADE
- ▯ = TYPE 3 BARRICADE (MOD.)
- ◎ = REFLECTORIZED PLASTIC DRUM

Stantec

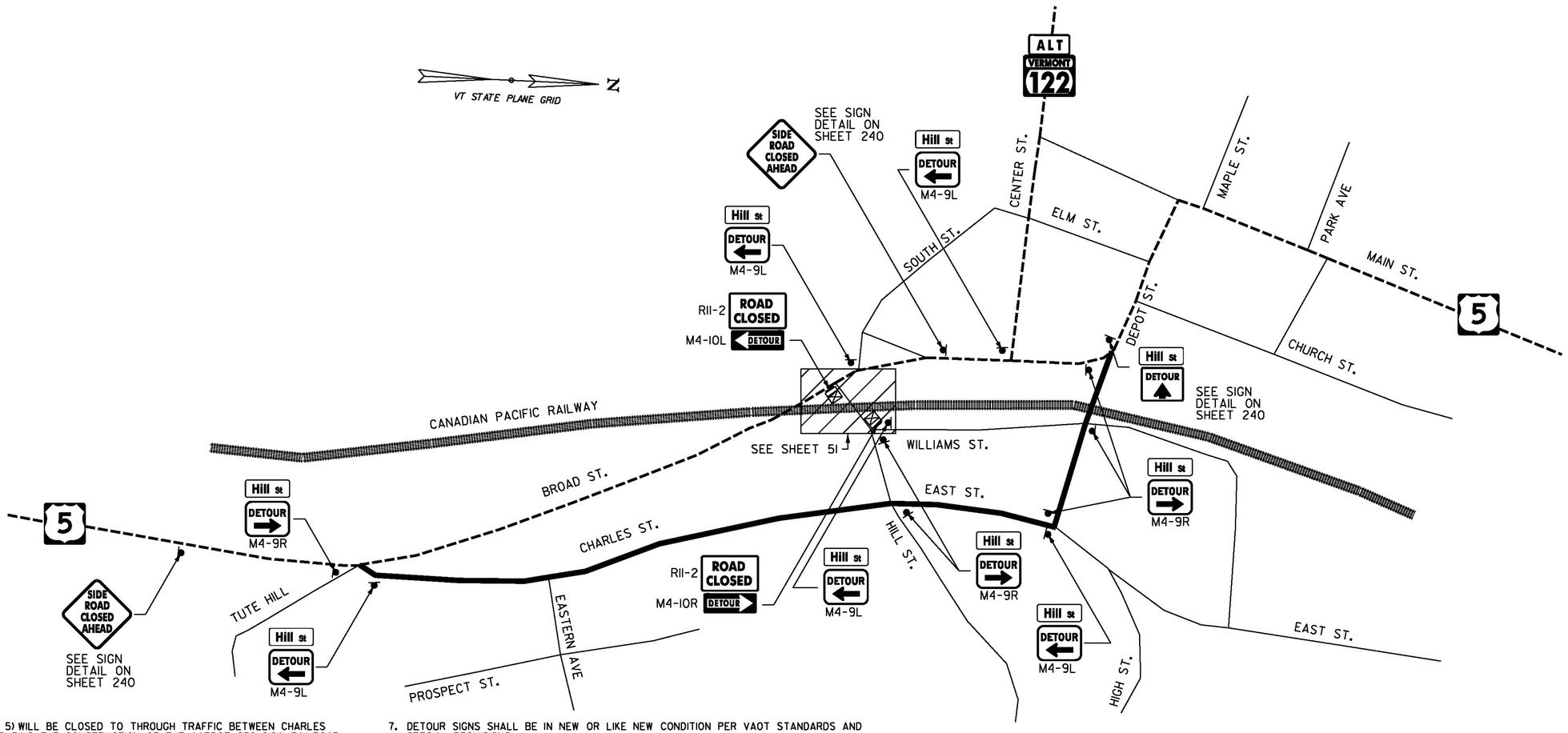
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #20

ROAD CLOSURE PLAN FOR CROSSING AARDOT #850-919D & AARDOT #850-918W

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 51 OF 250



NOTES:

1. BROAD STREET (U.S. ROUTE 5) WILL BE CLOSED TO THROUGH TRAFFIC BETWEEN CHARLES STREET AND HILL STREET DURING THE CONSTRUCTION OF THE AARDOT 850-918W RAILROAD CROSSING.
2. THE TRAFFIC DETOUR SHALL BE USED THROUGHOUT THE ENTIRE RAILROAD CROSSING CONSTRUCTION. THE INTENT OF THE DETOUR IS TO ELIMINATE VEHICLE TRAFFIC FROM THE RAILROAD CONSTRUCTION AREAS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR SCHEDULE IN SUCH A MANNER AS TO GIVE THE VILLAGE OF LYNDONVILLE AND THE TOWN OF LYNDON AT LEAST TWO WEEKS' NOTICE PRIOR TO COMMENCING THE RAILROAD CROSSING CONSTRUCTION. ALL COMMUNICATION SHALL INCLUDE EMERGENCY DISPATCH PERSONNEL AS DESCRIBED IN THE SPECIAL PROVISIONS.
4. NO DETOUR SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, OR CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SHALL BE COMPLETELY COVERED OR REMOVED.
5. ALL TRAFFIC CONTROL DETAILS MUST BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE MOST RECENT VAOT STANDARDS.
6. DETOUR ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD.
7. DETOUR SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
8. DIAMOND SHAPED DETOUR SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE TYPE VIII OR IX MINIMUM AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
10. WHERE DETOUR SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
11. THE ALLOWABLE DURATION AND TIMING OF ROAD CLOSURE SHALL BE COORDINATED WITH THE RAILROAD, THE VILLAGE, THE TOWN AND OTHER AFFECTED PARTIES THROUGH THE ENGINEER.
12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES IN CONFORMANCE WITH MUTCD SECTION 6D AND THE PEDESTRIAN TRAFFIC CONTROL NOTES ON SHEET 247.
13. THE CONTRACTOR SHALL MAINTAIN DRIVE ACCESS AT ALL TIMES.
14. ALL WORK DEPICTED ON THIS SHEET SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL HIGHWAY CROSSING) (AARDOT 850-918W).

TOWN OF ST JOHNSBURY	DETOUR STRAIGHT	M4-9R	M4-9L	M4-10R	M4-10L	RII-2	SRCA	HILL ST	TYPE 3 BARRICADE	TYPE 3 BARRICADE (MOD.)
ROAD CLOSURE AREA				1	1	6			4	8
BROAD ST.							2			
BROAD ST. & CHARLES INTERSECTION		1	1					2		
BROAD ST. & SOUTH ST.			1					1		
HILL ST. & WILLIAMS ST. INTERSECTION		1	1					2		
HILL ST. & CHARLES ST. INTERSECTION		1						1		
WILLIAMS ST. & DEPOT ST. INTERSECTION								1		
BROAD ST. & DEPOT ST.	1	1						2		
TOTALS	1	4	3	1	1	6	2	9	4	8

LEGEND

= RAIL/HIGHWAY CROSSING WORK AREA

= SIGN (SHOWN FACING LEFT)

= TYPE 3 BARRICADE

= TYPE 3 BARRICADE (MOD.)

DETOUR PLAN FOR CROSSING AARDOT #850-918W

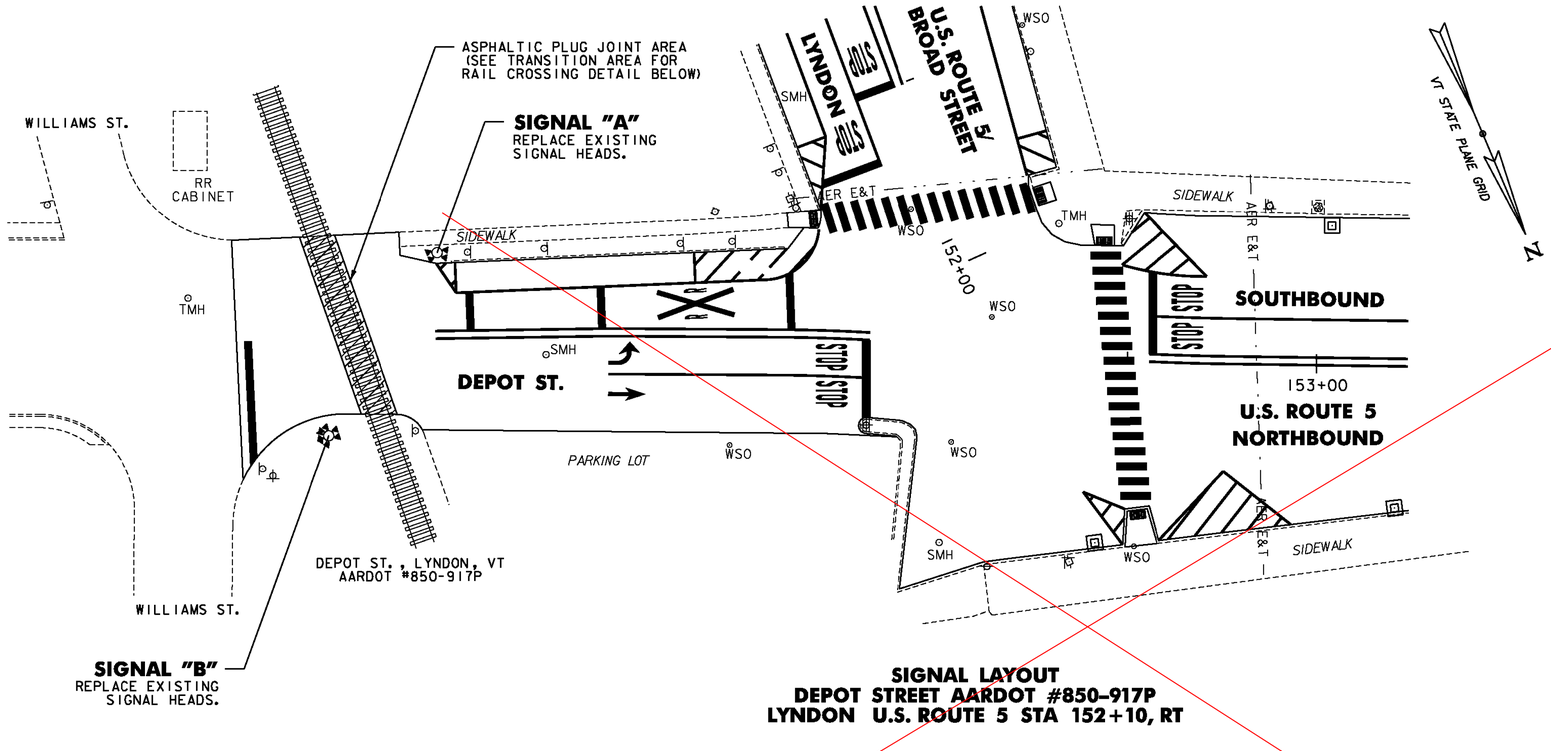
NOT TO SCALE

RAILROAD CROSSING DETAIL SHEET #21

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

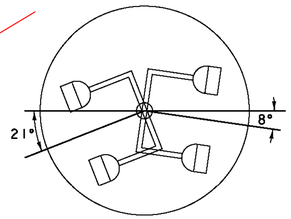
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 52 OF 250



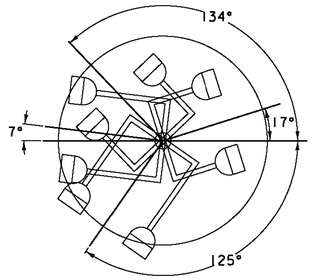
SIGNAL LAYOUT
DEPOT STREET AARDOT #850-917P
LYNDON U.S. ROUTE 5 STA 152+10, RT

ITEM 900.645 SPECIAL PROVISION
(RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 850-917P)
LYNDON U.S. ROUTE 5 STA. 152+10, RT

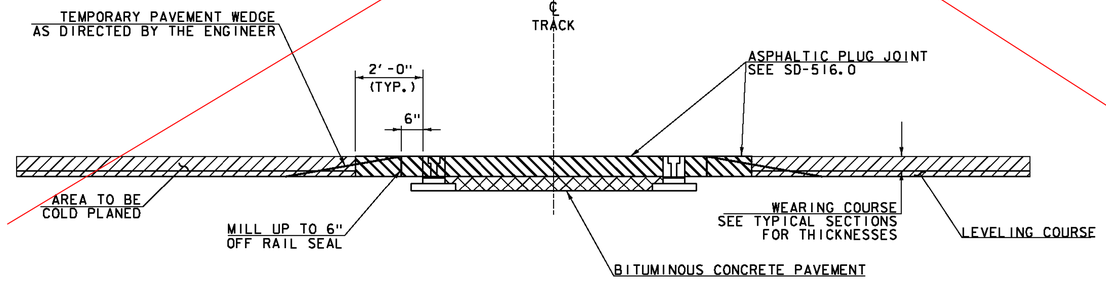
QUANTITY	UNIT	DESCRIPTION
12	EA	12" LED RAILROAD SIGNAL HEAD
6	EA	LAMP CROSSARM WITH BRACKETS
150	LF	SIGNAL WIRE
1	EA	ELECTRONIC WARNING BELL



CROSSARM LAYOUT
SIGNAL "A"

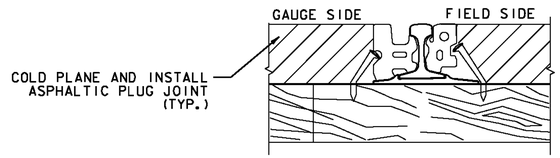


CROSSARM LAYOUT
SIGNAL "B"

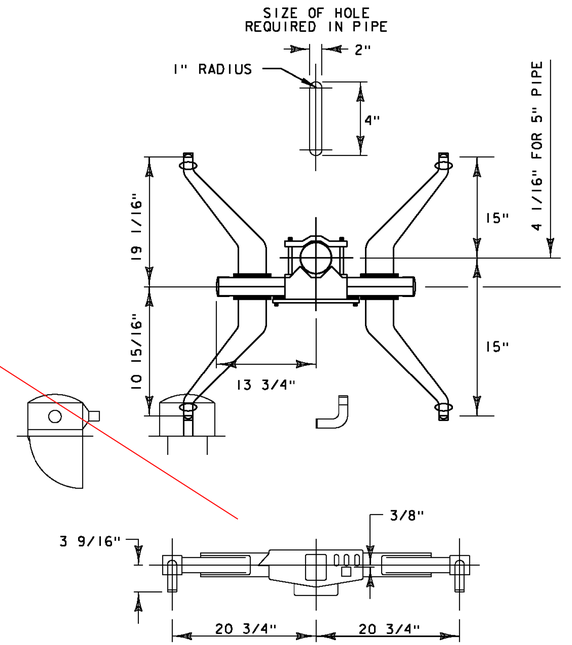


TRANSITION AREA FOR RAIL CROSSING

NOTE: COLD PLANE TO 6 INCHES FROM RAIL SEAL. REMAINING 6 INCHES TO BE REMOVED WITH OTHER BITUMINOUS CONCRETE PAVEMENT WITHIN THE LIMITS OF THE ASPHALTIC PLUG JOINT INSTALLATION.



RAIL-SEAL TYPICAL



TYPICAL LAMP CROSSARM WITH BRACKETS

NOT TO SCALE

NOTES – AARDOT #850-917P

1. COLD PLANE UP TO, AND IN BETWEEN THE EXISTING RAILS.
2. INSTALL NEW COMMERCIAL FLANGEWAY RAIL SEAL MATERIAL.
3. TYPE AND DESIGN OF COMMERCIAL FLANGEWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
4. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGEWAY MATERIALS.
5. ALL WORK AND FLANGEWAY MATERIALS WILL BE PAID UNDER ITEM 900.640 SPECIAL PROVISION (RUBBER RAIL SEAL).
6. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
7. ASPHALTIC PLUG JOINTS WILL BE PAID AS ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG.
8. ALL WORK MUST BE PERFORMED WITHIN THE EXISTING RIGHT OF WAY (ROW). NO ADDITIONAL ROW HAS BEEN ACQUIRED BY THE STATE TO ACCOMMODATE CONSTRUCTION OF THE RAIL CROSSING.

NOT TO SCALE

AARDOT #850-917P

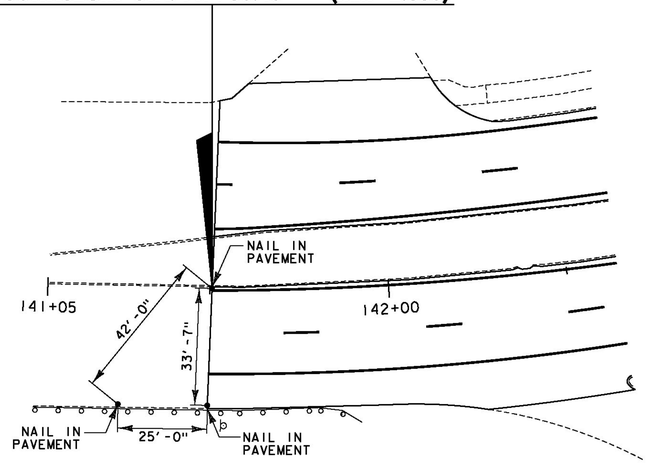
RAILROAD CROSSING DETAIL SHEET #22

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

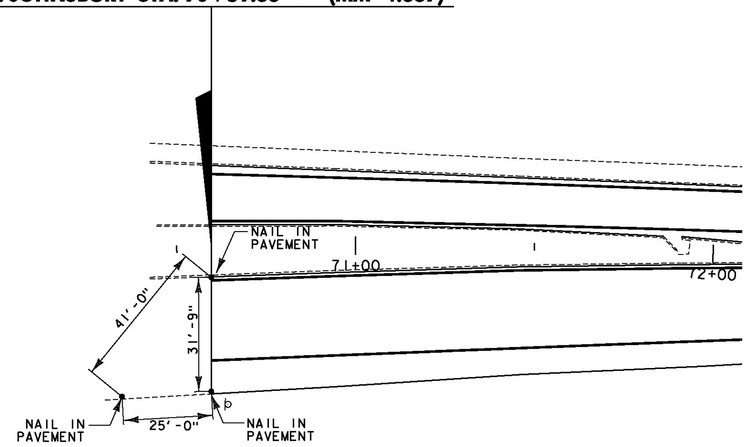
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 53 OF 250

BEGIN STP 2936(1) U.S. ROUTE 2
ST. JOHNSBURY STA. 141+50.40 = (MM 2.680)



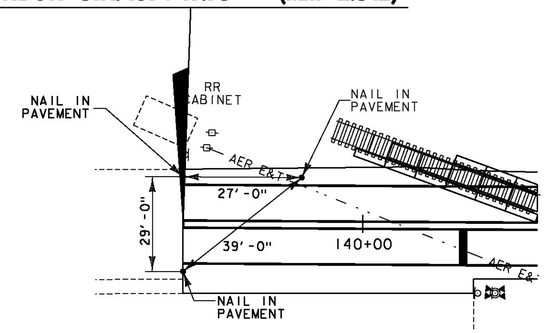
U.S. ROUTE 2 ST. JOHNSBURY BEGIN PROJECT LOCATION TIES

BEGIN STP 2936(1) U.S. ROUTE 5
ST. JOHNSBURY STA. 70+59.36 = (MM 1.337)



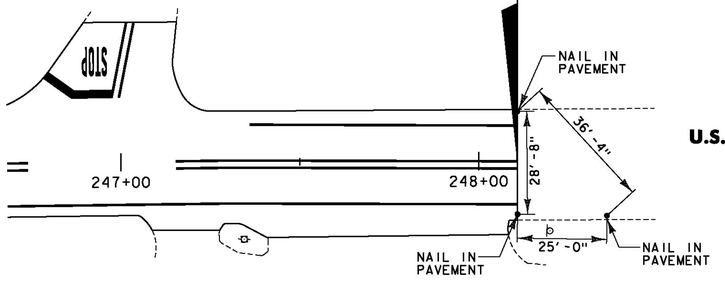
U.S. ROUTE 5 ST. JOHNSBURY BEGIN PROJECT LOCATION TIES

BEGIN STP 2936(1) U.S. ROUTE 5
LYNDON STA. 139+49.76 = (MM 2.642)



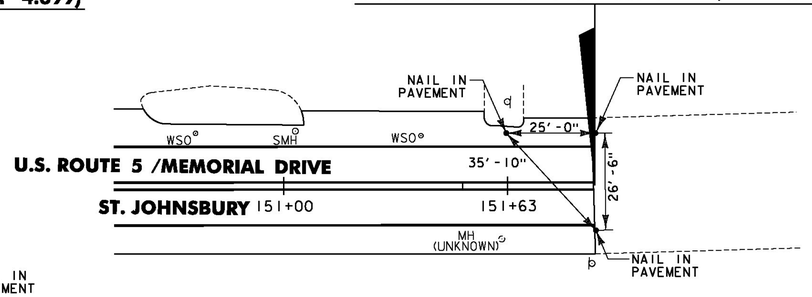
U.S. ROUTE 5 LYNDON BEGIN PROJECT LOCATION TIES

END STP 2936(1) U.S. ROUTE 2
ST. JOHNSBURY STA. 248+10.72 = (MM 4.699)



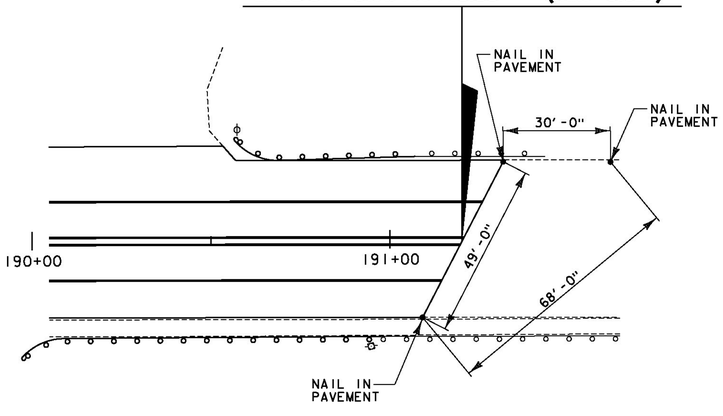
U.S. ROUTE 2 ST. JOHNSBURY END PROJECT LOCATION TIES

END STP 2936(1) U.S. ROUTE 5
ST. JOHNSBURY STA. 151+85.28 = (MM 2.876)



U.S. ROUTE 5 ST. JOHNSBURY END PROJECT LOCATION TIES

END STP 2936(1) U.S. ROUTE 5
LYNDON STA. 191+18.88 = (MM 3.621)



U.S. ROUTE 5 LYNDON END PROJECT LOCATION TIES

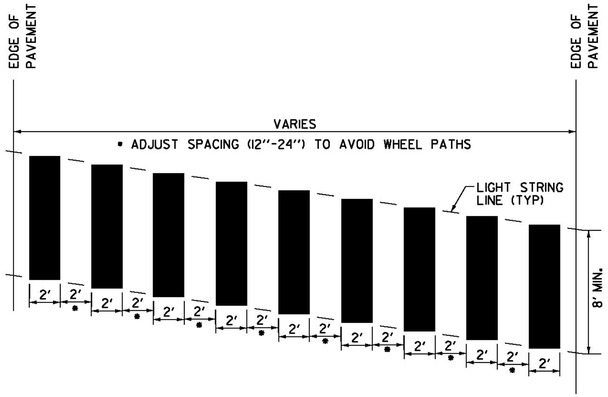
NOT TO SCALE

Stantec

MISCELLANEOUS DETAIL SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

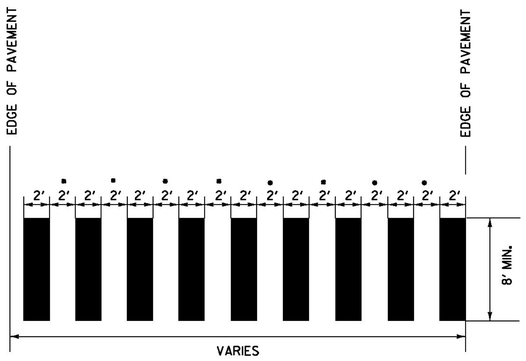
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 54 OF 250



SKEWED CROSSWALK PATTERN DETAIL

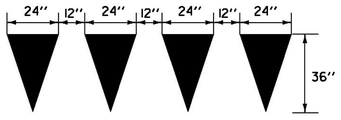
• MAY VARY WITH 11' OR 12' LANE

SEE LAYOUT SHEETS FOR LOCATIONS.
ALL BLOCK PATTERN CROSS WALKS SHALL BE INSTALLED PARALLEL WITH WHEEL PATHS.



BLOCK PATTERN CROSSWALK DETAIL

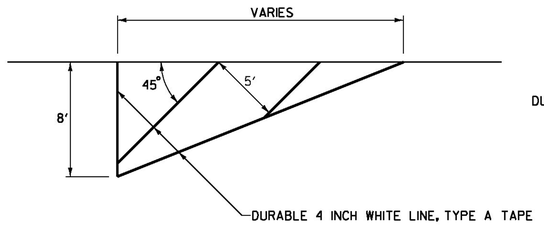
SEE LAYOUT SHEETS FOR LOCATIONS.
ALL BLOCK PATTERN CROSS WALKS SHALL BE INSTALLED PARALLEL WITH WHEEL PATHS.



YIELD LINE DETAILS

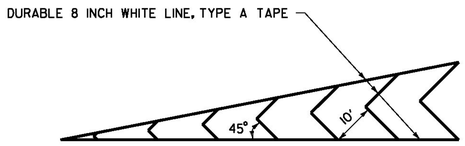
TO BE INSTALLED ONLY AT THE DIRECTION OF THE ENGINEER
TO BE PAID AS ONE DURABLE LETTER OR SYMBOL, TYPE D TAPE PER TRIANGLE

ST. JOHNSBURY U.S. ROUTE 2 STA. 220+52 TO 220+72, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 134+76 TO 134+94, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 50+72, LT (MT. PLEASANT ST. TH-310)



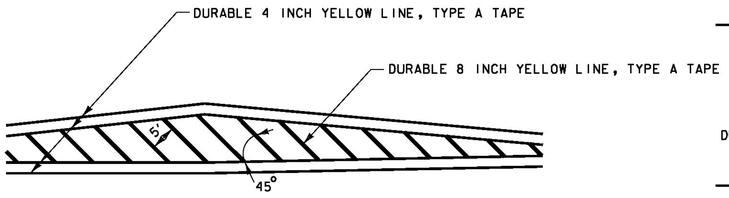
"NO PARKING" PAVEMENT MARKING DETAIL

SEE LAYOUT SHEETS FOR LOCATIONS



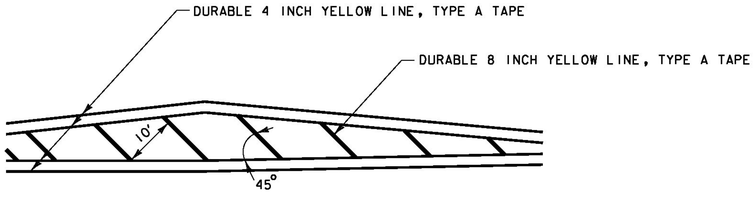
GORE MARKING DETAIL

ST. JOHNSBURY U.S. ROUTE 2 STA. 168+95 TO 169+28, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 170+54 TO 170+82, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 221+72, LT (CONCORD AVE.)
ST. JOHNSBURY U.S. ROUTE 5 STA. 134+23 TO 136+10, RT
ST. JOHNSBURY U.S. ROUTE 5 STA. 134+91 TO 135+07, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 51+48 TO 51+64, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 52+38 TO 52+62, LT



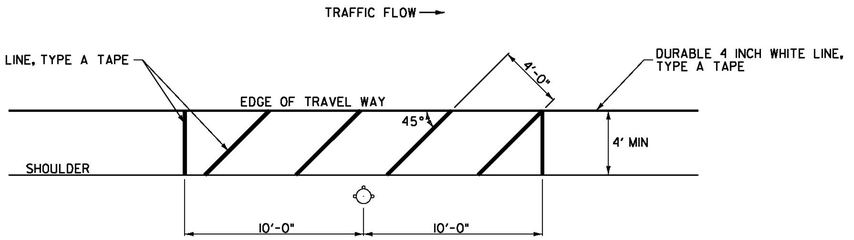
GORE MARKING DETAIL (5 FOOT)

LYNDON U.S. ROUTE 5 STA. 148+06 TO 149+36



GORE MARKING DETAIL (10 FOOT)

ST. JOHNSBURY U.S. ROUTE 2 STA. 150+88 TO 154+20
ST. JOHNSBURY U.S. ROUTE 2 STA. 157+26 TO 160+70
ST. JOHNSBURY U.S. ROUTE 2 STA. 218+85 TO 220+47
ST. JOHNSBURY U.S. ROUTE 2 STA. 223+31 TO 224+87
ST. JOHNSBURY U.S. ROUTE 5 STA. 72+27 TO 74+37
ST. JOHNSBURY U.S. ROUTE 5 STA. 87+78 TO 89+27
ST. JOHNSBURY U.S. ROUTE 5 STA. 99+00 TO 100+90
ST. JOHNSBURY U.S. ROUTE 5 STA. 137+21 TO 139+70
ST. JOHNSBURY ALT U.S. ROUTE 5 STA. 51+44 TO 52+72

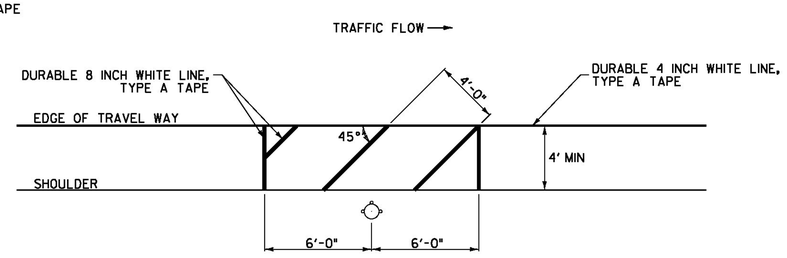


FIRE HYDRANT PAVEMENT MARKING DETAIL

ST. JOHNSBURY U.S. ROUTE 2 STA. 167+10 TO 167+30, LT
ST. JOHNSBURY U.S. ROUTE 2 STA. 211+36 TO 211+56, LT
ST. JOHNSBURY U.S. ROUTE 2 STA. 216+00 TO 216+20, LT
ST. JOHNSBURY U.S. ROUTE 2 STA. 226+91 TO 227+11, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 74+57 TO 74+77, RT
ST. JOHNSBURY U.S. ROUTE 5 STA. 79+86 TO 80+06, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 84+25 TO 84+45, RT
ST. JOHNSBURY U.S. ROUTE 5 STA. 108+13 TO 108+33, RT
ST. JOHNSBURY U.S. ROUTE 5 STA. 142+87 TO 143+07, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 146+11 TO 146+31, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 23+79 TO 23+99, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 36+61 TO 36+86, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 40+22 TO 40+42, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 44+26 TO 44+46, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 47+99 TO 48+13, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 56+38 TO 56+58, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 60+87 TO 61+07, LT

NOTE:

THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FIRE HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE CONSTRAINTS AS DIRECTED BY THE ENGINEER.



FIRE HYDRANT PAVEMENT MARKING DETAIL

LYNDON U.S. ROUTE 5 STA. 159+76 TO 159+88, RT
LYNDON U.S. ROUTE 5 STA. 166+95 TO 167+07, RT
LYNDON U.S. ROUTE 5 STA. 171+21 TO 171+33, RT
LYNDON U.S. ROUTE 5 STA. 181+24 TO 181+36, RT
LYNDON ALT. VT ROUTE 122 STA. 4+73 TO 4+85, LT
LYNDON ALT. VT ROUTE 122 STA. 33+73 TO 33+85, RT

NOTE:

THE CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE FIRE HYDRANT PAVEMENT MARKINGS TO MEET THE EXISTING SITE CONSTRAINTS AS DIRECTED BY THE ENGINEER.

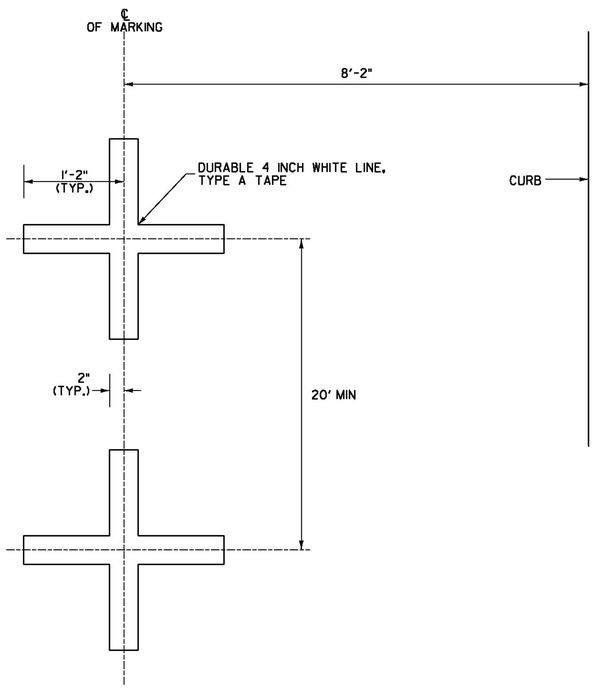
NOT TO SCALE

Stantec

MISCELLANEOUS DETAIL SHEET #2

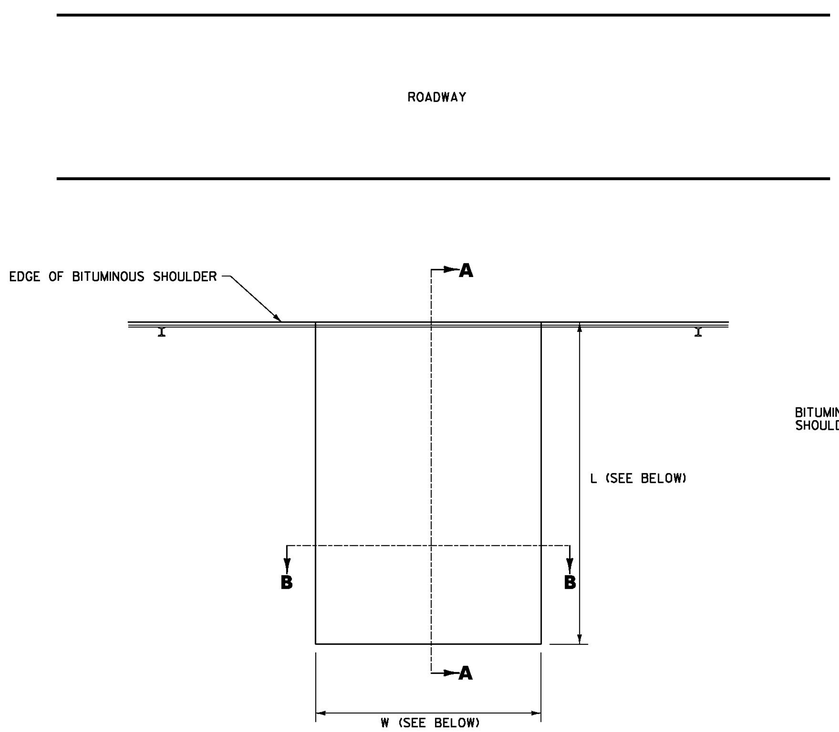
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 55 OF 250



PARKING STALL PAVEMENT MARKING DETAIL

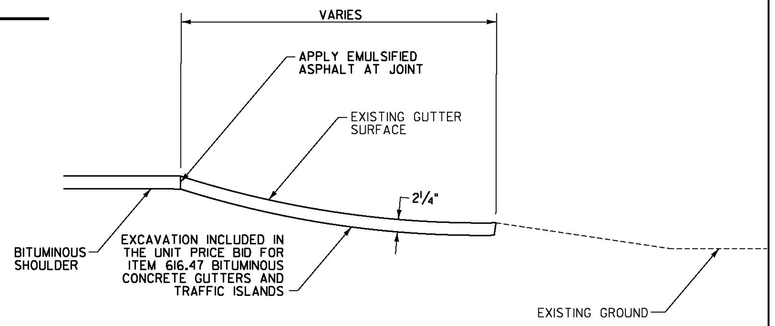
SEE LAYOUT SHEETS FOR LOCATIONS.



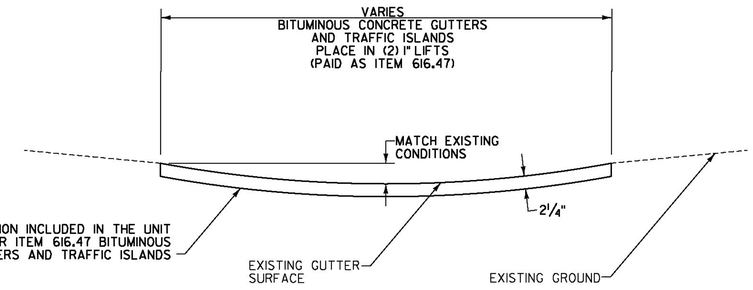
PERPENDICULAR BITUMINOUS CONCRETE GUTTER DETAIL
PLAN VIEW

DIMENSIONS = (L x W x D)

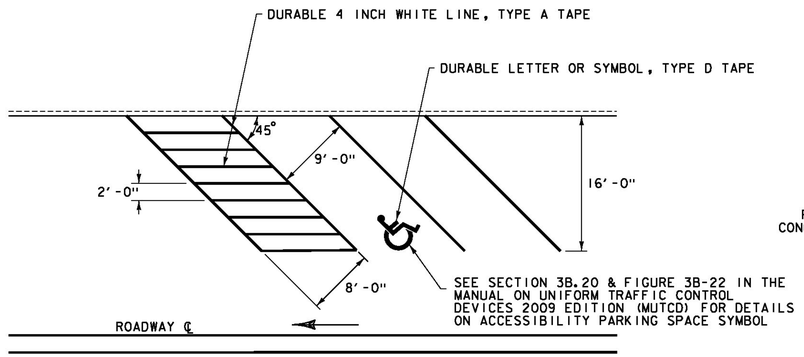
LYNDON U.S. ROUTE 5 STA. 161+50, LT (2' WIDE)
LYNDON U.S. ROUTE 5 STA. 162+65, LT (2' WIDE)
LYNDON U.S. ROUTE 5 STA. 163+15, RT (4' WIDE)
LYNDON U.S. ROUTE 5 STA. 164+02, RT (3' WIDE)
LYNDON ALT. VT ROUTE 122 STA. 2+37, RT (4' WIDE)
LYNDON ALT. VT ROUTE 122 STA. 35+60, LT (8' WIDE)
LYNDON ALT. VT ROUTE 122 STA. 40+83, RT (4.5' WIDE)



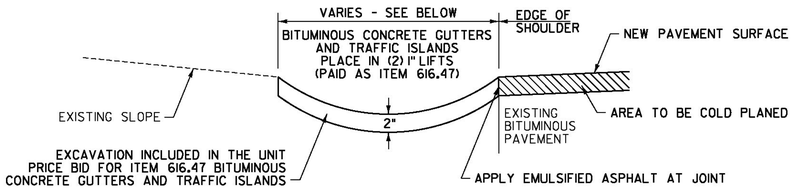
SECTION A–A



SECTION B–B



DIAGONAL PARKING DETAIL



BITUMINOUS CONCRETE GUTTER DETAIL – COLD PLANE

ST. JOHNSBURY U.S. ROUTE 2 STA. 185+15 TO 185+31, LT (CHERRY ST.) (6.5' WIDE)
LYNDON U.S. ROUTE 5 STA. 161+45 TO 161+64, RT (3' WIDE)
LYNDON ALT. VT ROUTE 122 STA. 33+75 TO 33+93, LT (1.5' WIDE)

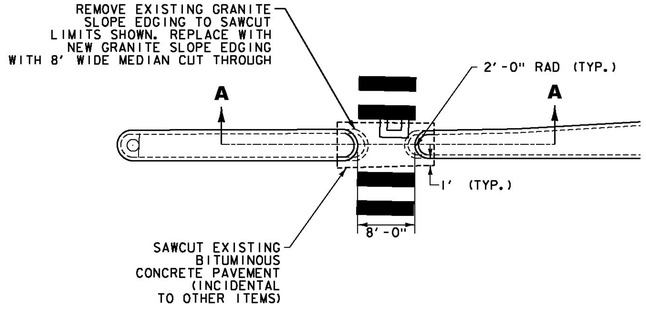
NOT TO SCALE

Stantec

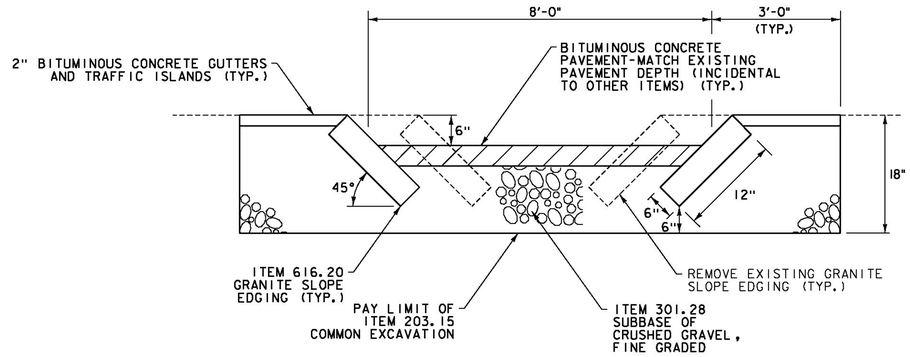
MISCELLANEOUS DETAIL SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 56 OF 250



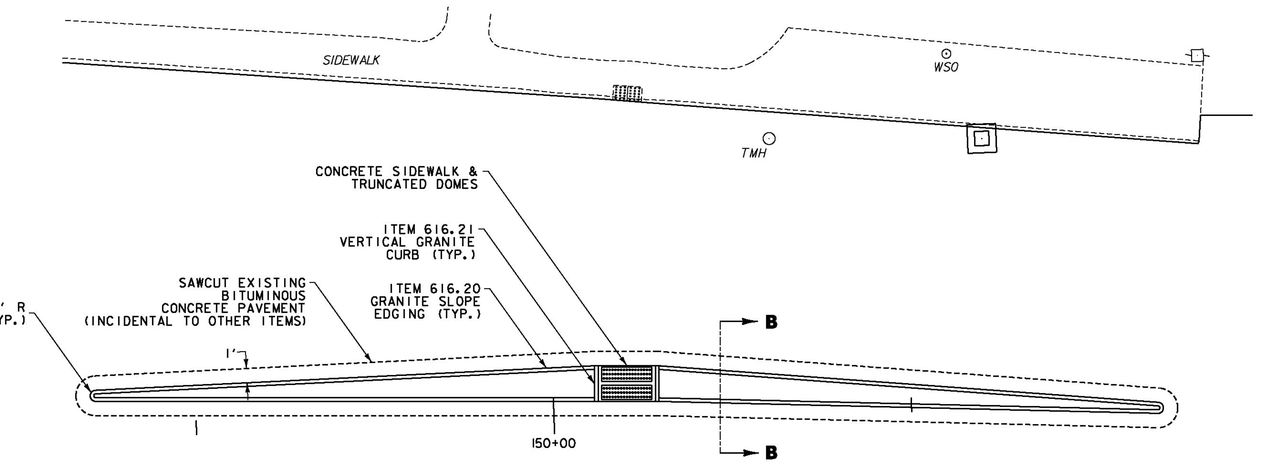
PLAN VIEW



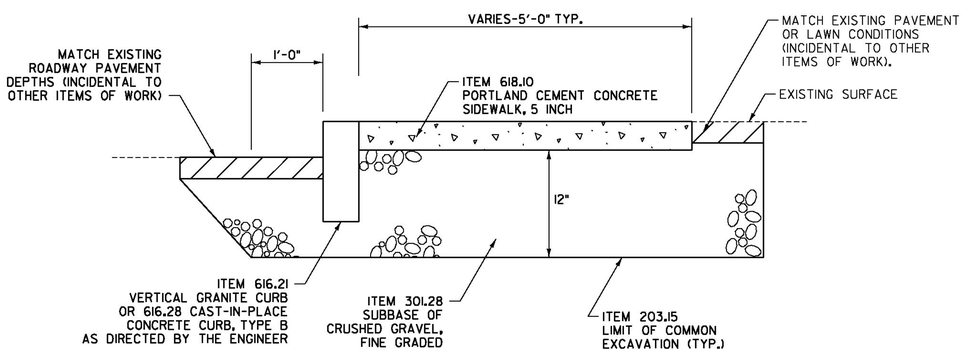
SECTION A–A

MEDIAN ISLAND RECONSTRUCTION DETAIL

ST. JOHNSBURY U.S. ROUTE 2 STA. 148+54, LT

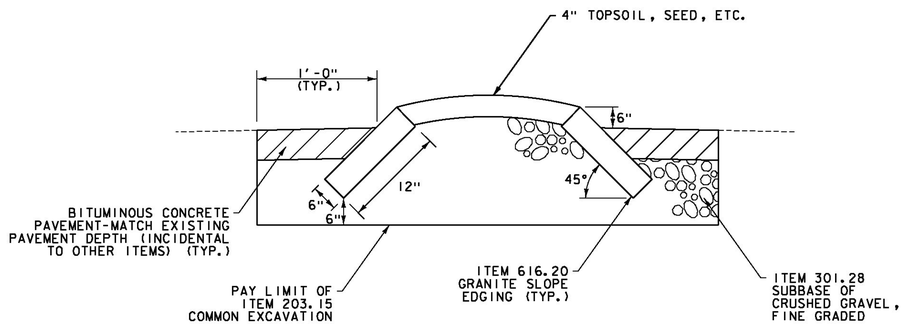


PLAN VIEW



5 INCH SIDEWALK WITH 12 INCH SUBBASE DETAIL

ST. JOHNSBURY U.S. ROUTE 2 STA. 231+60, RT (CONCRETE CURB)
ST. JOHNSBURY U.S. ROUTE 5 STA. 112+97, RT (MILL ST.) (CONCRETE CURB)
ST. JOHNSBURY U.S. ROUTE 5 STA. 118+75, LT TO 119+41, RT (GRANITE CURB)
ST. JOHNSBURY U.S. ROUTE 5 STA. 141+97, LT TO 142+38, LT (GRANITE CURB)



SECTION B–B

CENTER ISLAND DETAIL

LYNDON U.S. ROUTE 5 STA. 149+35 TO 150+85, LT

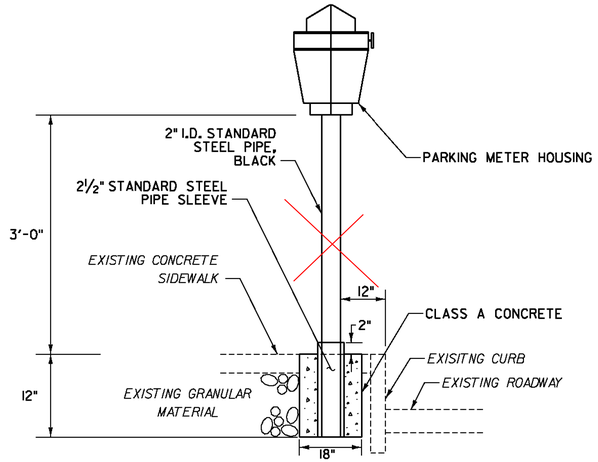
NOT TO SCALE

Stantec

MISCELLANEOUS DETAIL SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/25/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 57 OF 250

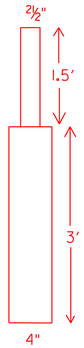


PARKING METER POST INSTALLATION DETAIL

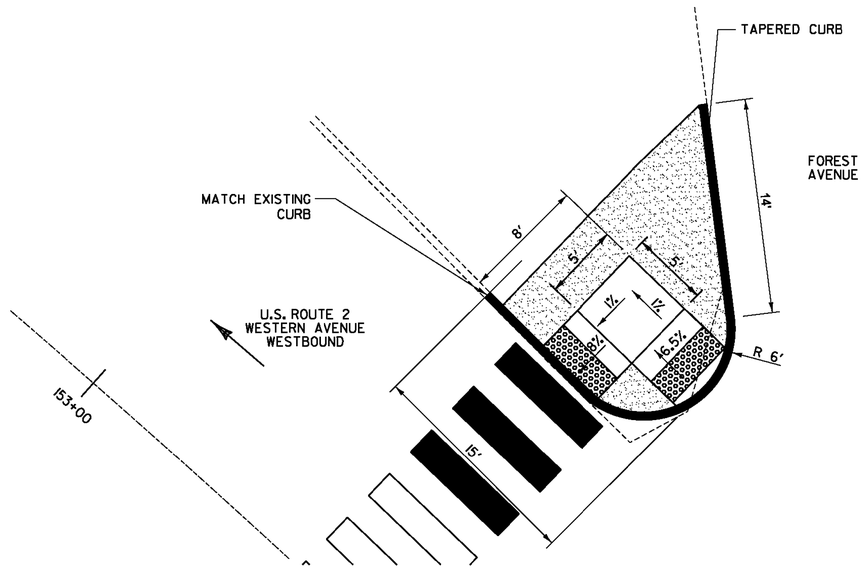
(SEE LAYOUT SHEETS FOR LOCATIONS)

NOTE:

SEE NOTE 19 ON SHEET 4 AND SECTION 900 OF THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS RELATED TO PARKING METER WORK FOR THIS PROJECT.

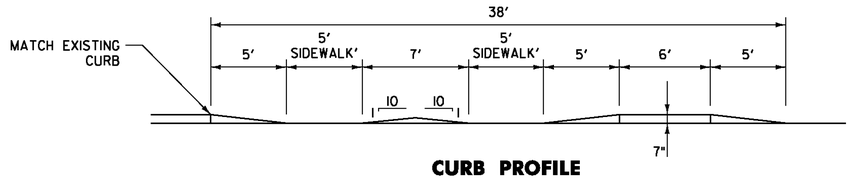


REVISED PARKING METER POSTS DETAIL

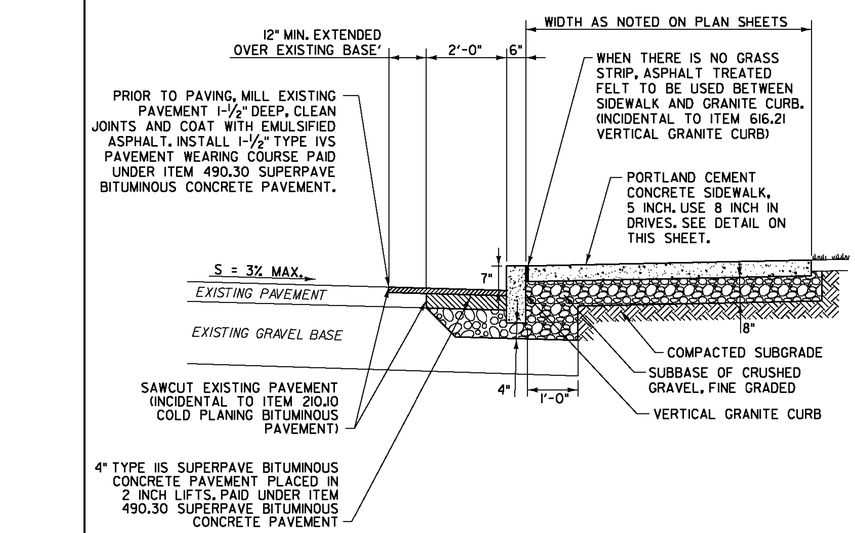


WESTERN /FORREST AVENUE SIDEWALK AND CURB LAYOUT DETAIL

ST. JOHNSBURY U.S. ROUTE 2 STA. 153+23, LT



CURB PROFILE

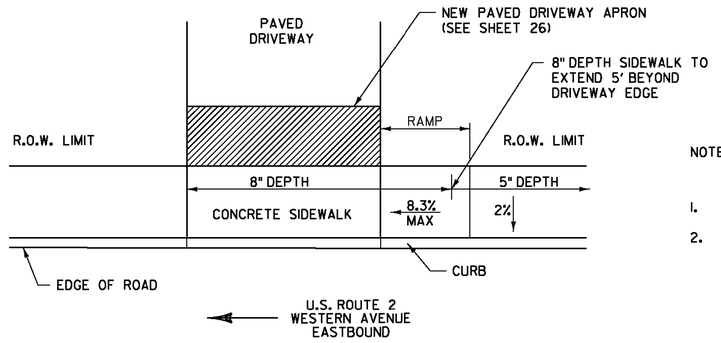


NOTES:

1. THE CONTRACTOR SHALL APPLY EMULSIFIED ASPHALT TO THE FULL WIDTH OF THE BASE COURSE/EXISTING PAVEMENT BEFORE PLACING THE TYPE IIIS PAVEMENT OVERLAY. EMULSIFIED ASPHALT SHALL BE PLACED ON THE FACE OF THE CURB WHERE IT WILL BE IN CONTACT WITH THE PAVEMENT. (SEE NOTE 5 ON SHEET 4).
2. IF THE SUBBASE MATERIAL UNDER THE EXISTING SIDEWALKS, ROADS AND DRIVEWAYS IS DEEMED SUITABLE BY THE RESIDENT ENGINEER, THE CONTRACTOR SHALL RETAIN THIS MATERIAL AND SHALL PLACE NEW SUBBASE MATERIAL ON TOP AS NEEDED FOR FINAL GRADING.
3. FOR CONSTRUCTING RADII USE RADIUS CURB.

WESTERN AVENUE SIDEWALK SECTION

ST. JOHNSBURY U.S. ROUTE 2
STA. 153+23, LT
STA. 160+46 TO 160+73, RT
STA. 160+95 TO 161+91, RT



SIDEWALK TRANSITION DETAIL AT DRIVES

ST. JOHNSBURY U.S. ROUTE 2 STA. 162+11, RT

NOTES:

1. 8" DEPTH SIDEWALK EXTENDS 5' BEYOND BOTH SIDES OF THE DRIVEWAY.
2. RAMP LENGTH IS DETERMINED BY EXISTING AND/OR PROPOSED CURB REVEAL.

NOT TO SCALE

Stantec

MISCELLANEOUS DETAIL SHEET #5

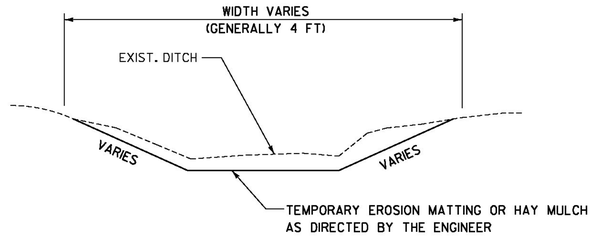
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 58 OF 250

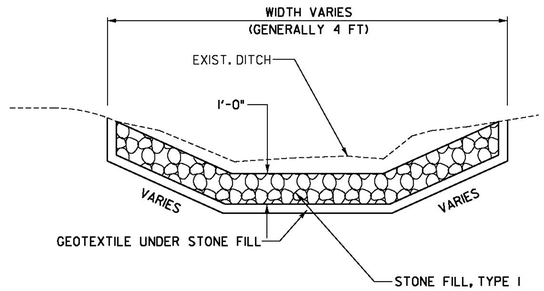
LOCATION				FEET OF DITCHING		MISCELLANEOUS ITEMS				REMARKS
						613.10	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE		STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
				0-2.5	≥2.5					
		ST. JOHNSBURY				CY	SY	LB	SY	
U.S. ROUTE 5 (MILL ST.)										
1	110+93	112+75	RT	200				1	89	WEST SIDE OF RR TRACKS
U.S. ROUTE 5 (OLD CENTER RD.)										
2	142+00		LT	43					19	WEST SIDE OF RR TRACKS
ALT. U.S. ROUTE 5										
3	1+13	6+35	LT		522	77	348			
4	6+90	10+48	LT		358	53	239			
		LYNDON								
U.S. ROUTE 5										
5	141+10	142+50	RT	140				1	62	EAST SIDE OF RR TRACKS
SUBTOTALS					880	130	587	2	170	
TOTALS					880	130*	587*	2	170*	

LOCATION				FEET OF DITCHING		MISCELLANEOUS ITEMS				REMARKS
						613.10	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE		STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
				0-2.5	≥2.5					
						CY	SY	LB	SY	

*TOTALS CARRIED FORWARD TO THE ITEM DETAIL SUMMARY SHEETS (SEE SHEETS 12-25)



DITCH DETAIL 0 – 2.5 PERCENT



DITCH DETAIL 2.5 PERCENT TO 10 PERCENT

NOTES:

1. GRADES BETWEEN 0 AND 2.5 PERCENT SHALL USE ITEM 651.15, SEED AND EITHER ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE ENGINEER.
2. GRADES BETWEEN 2.5 PERCENT TO 10 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I, AS DIRECTED BY THE ENGINEER.
3. ANY GRADE GREATER THAN 10 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.11, STONE FILL, TYPE II OR AS DIRECTED BY THE ENGINEER.
4. PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGHOUT THE PROJECT, SHALL BE PERFORMED AT LOCATIONS INDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

NOT TO SCALE

Stantec

DITCH CLEANING DETAIL SHEET

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 59 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 143+60 TO 146+00, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 143+60, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 143+62 TO 146+00, RT

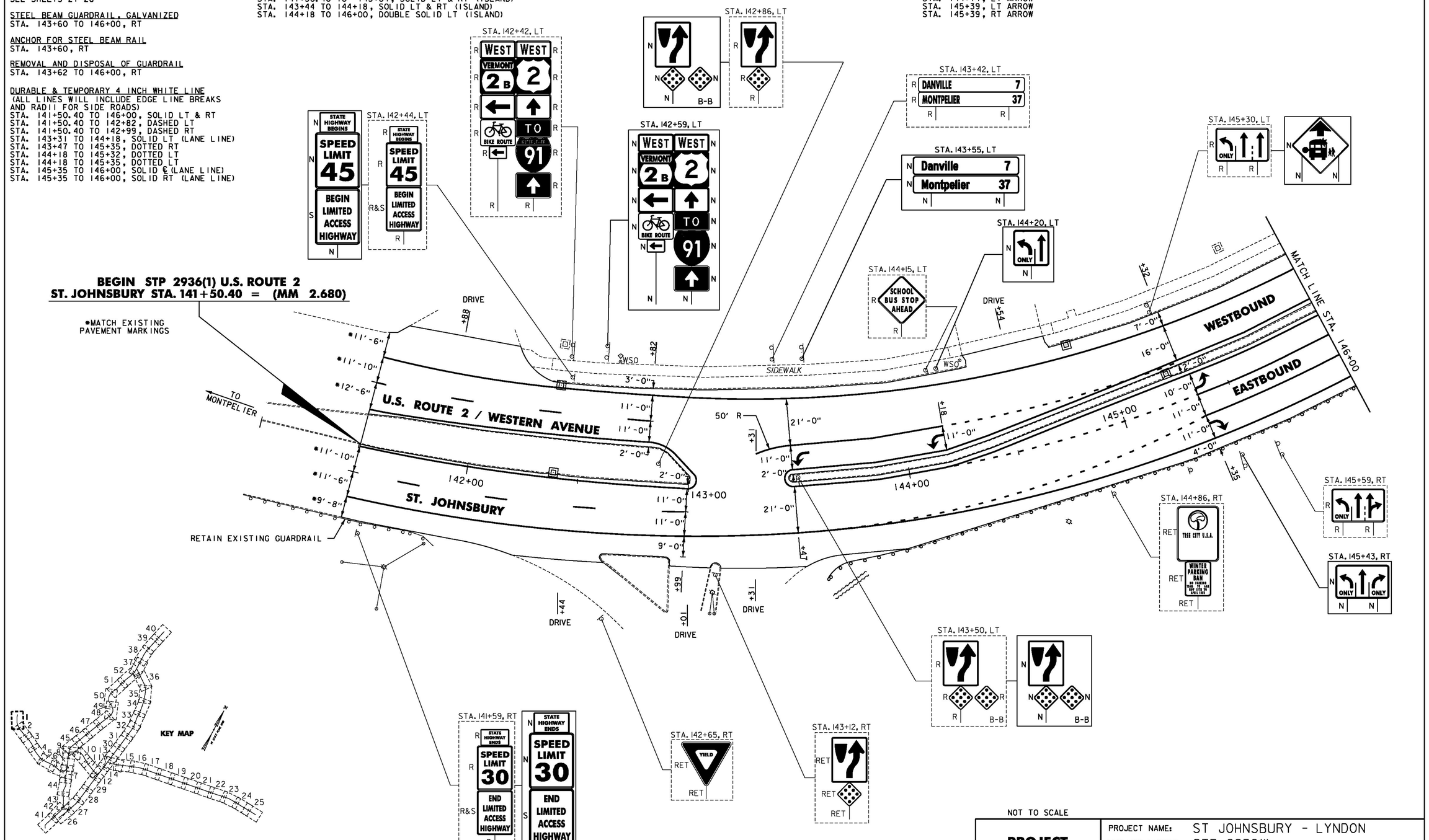
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 141+50.40 TO 146+00, SOLID LT & RT
STA. 141+50.40 TO 142+82, DASHED LT
STA. 141+50.40 TO 142+99, DASHED RT
STA. 143+31 TO 144+18, SOLID LT (LANE LINE)
STA. 143+47 TO 145+35, DOTTED RT
STA. 144+18 TO 145+32, DOTTED LT
STA. 144+18 TO 145+35, DOTTED LT
STA. 145+35 TO 146+00, SOLID ℄ (LANE LINE)
STA. 145+35 TO 146+00, SOLID RT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 141+50.40 TO 143+04, SOLID LT & RT (ISLAND)
STA. 143+44 TO 144+18, SOLID LT & RT (ISLAND)
STA. 144+18 TO 146+00, DOUBLE SOLID LT (ISLAND)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 143+52, LT ARROW
STA. 144+14, LT ARROW
STA. 145+39, LT ARROW
STA. 145+39, RT ARROW

REMOVING SIGNS
AS SHOWN - 27

ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 60 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

GRANITE SLOPE EDGING
STA. 148+54, ℄

VERTICAL GRANITE CURB
STA. 148+54, LT
STA. 148+54, RT

REMOVAL OF EXISTING CURB
STA. 148+54, LT
STA. 148+54, ℄
STA. 148+54, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 148+47, LT
STA. 148+62, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 148+54, LT
STA. 148+54, RT

DETECTABLE WARNING SURFACE
STA. 148+54, LT
STA. 148+54, RT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 146+00 TO 146+85, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 146+85, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 146+00 TO 146+79, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 146+00 TO 150+00, SOLID LT & RT
STA. 146+00 TO 147+19, SOLID RT (LANE LINE)
STA. 146+00 TO 147+53, SOLID LT (LANE LINE)
STA. 147+19 TO 147+66, DOTTED RT
STA. 147+74, SOLID LT (EDGELINES, CENTRAL ST. TH-344)
STA. 147+81, SOLID RT (EDGELINES, HIGH ST. TH-356)
STA. 147+98 TO 148+72, SOLID LT (LANE LINE)
STA. 147+98 TO 148+50, DOTTED RT
STA. 148+25 TO 150+00, SOLID RT (DIAGONALS)
STA. 148+72 TO 150+00, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 146+00 TO 147+27, DOUBLE SOLID LT (ISLAND)
STA. 147+74, DOUBLE SOLID LT (CENTRAL ST. TH-344)
STA. 147+81, DOUBLE SOLID RT (HIGH ST. TH-356)
STA. 148+14 TO 150+00, DOUBLE SOLID LT (ISLAND)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 147+74, LT (CENTRAL ST. TH-344)
STA. 147+81, RT (HIGH ST. TH-356)

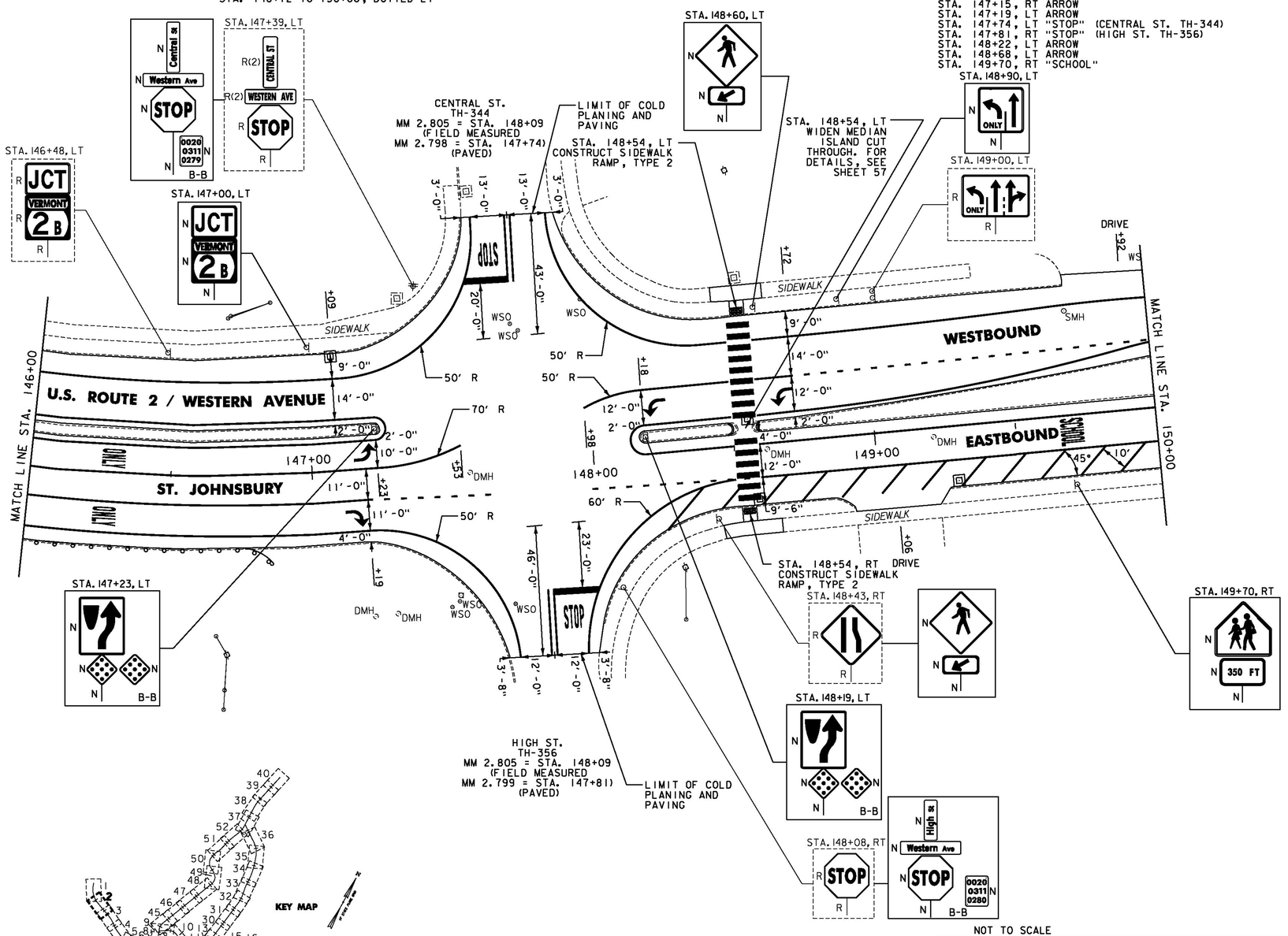
DURABLE LETTER OR SYMBOL, TYPE D TAPE
STA. 146+27, RT "ONLY"
STA. 146+29, LT "ONLY"
STA. 147+15, RT ARROW
STA. 147+19, LT ARROW
STA. 147+74, LT "STOP" (CENTRAL ST. TH-344)
STA. 147+81, RT "STOP" (HIGH ST. TH-356)
STA. 148+22, LT ARROW
STA. 148+68, LT ARROW
STA. 149+70, RT "SCHOOL"

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 147+15, RT ARROW
STA. 147+19, LT ARROW
STA. 147+74, LT "STOP" (CENTRAL ST. TH-344)
STA. 147+81, RT "STOP" (HIGH ST. TH-356)
STA. 148+22, LT ARROW
STA. 148+68, LT ARROW
STA. 149+70, RT "SCHOOL"

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 148+54, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 148+54, LT - RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 10



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 61 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 153+23, LT
STA. 153+23, RT

DETECTABLE WARNING SURFACE
STA. 153+23, LT
STA. 153+23, RT

VERTICAL GRANITE CURB
STA. 153+23, LT

REMOVING AND RESETTING CURB
STA. 153+23, LT
STA. 153+23, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 150+00 TO 155+00, SOLID LT & RT
STA. 150+00 TO 150+15, DOTTED LT
STA. 150+00 TO 152+83, SOLID RT (DIAGONALS)
STA. 154+55 TO 155+00, SOLID LT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 150+00 TO 150+88, DOUBLE SOLID LT (ISLAND)
STA. 150+88 TO 153+43, DOUBLE SOLID LT (2)
STA. 153+76, DOUBLE SOLID LT (SUMMER ST. TH-306)
STA. 153+82 TO 154+34, DOUBLE SOLID LT & RT
STA. 154+12, DOUBLE SOLID LT (FOREST AVE. TH-354)
STA. 154+72 TO 155+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 150+88 TO 154+20, LT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 153+76, LT (SUMMER ST. TH-306)
STA. 154+12, LT (FOREST AVE. TH-354)

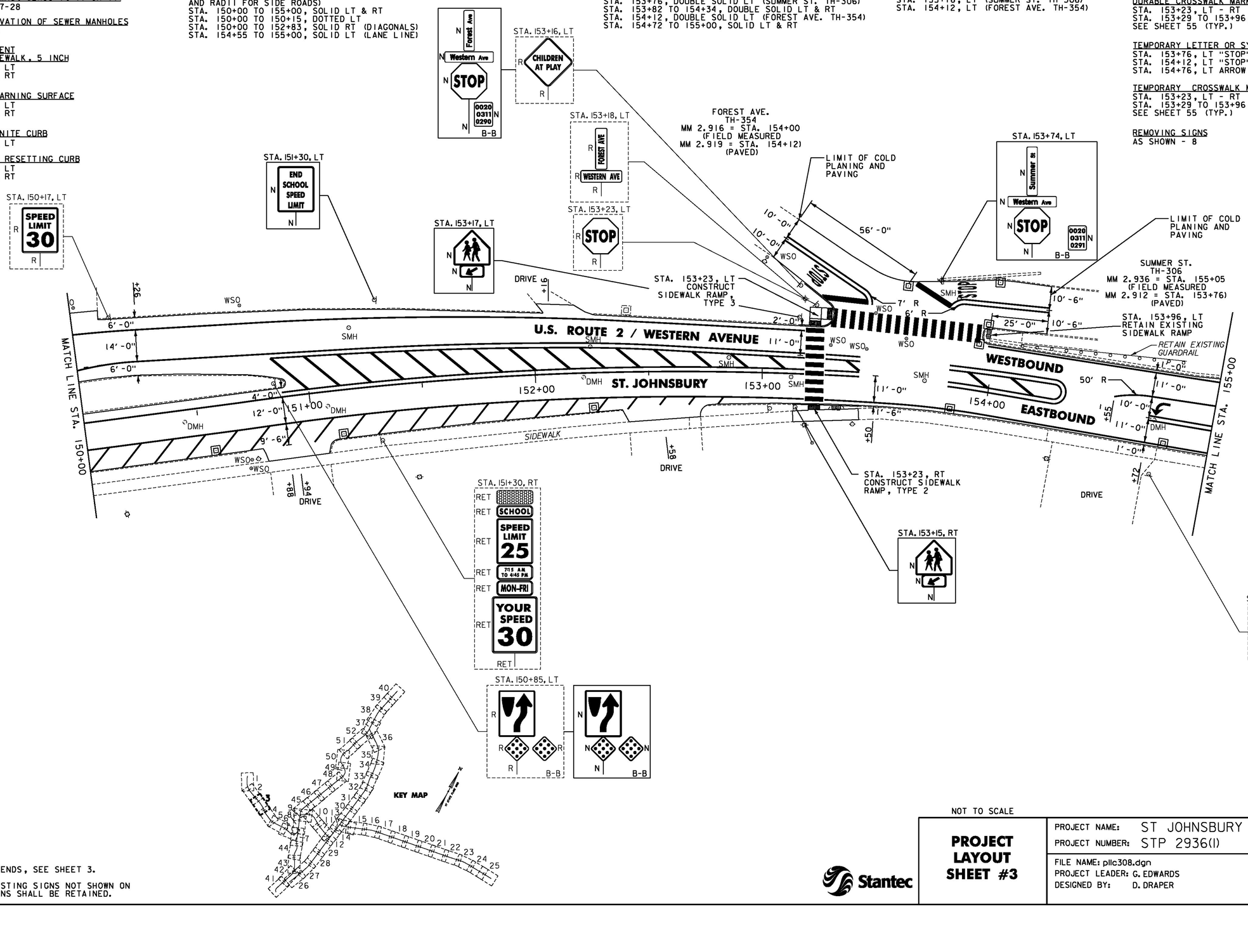
DURABLE LETTER OR SYMBOL, TYPE D TAPE
STA. 153+76, LT "STOP" (SUMMER ST. TH-306)
STA. 154+12, LT "STOP" (FOREST AVE. TH-354)
STA. 154+76, LT ARROW

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 153+23, LT - RT
STA. 153+29 TO 153+96, LT
SEE SHEET 55 (TYP.)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 153+76, LT "STOP" (SUMMER ST. TH-306)
STA. 154+12, LT "STOP" (FOREST AVE. TH-354)
STA. 154+76, LT ARROW

TEMPORARY CROSSWALK MARKING, PAINT
STA. 153+23, LT - RT
STA. 153+29 TO 153+96, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 8



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 62 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 155+00 TO 160+00, SOLID LT & RT
STA. 155+00 TO 156+19, SOLID LT (LANE LINE)
STA. 156+19 TO 157+85, DOTTED LT

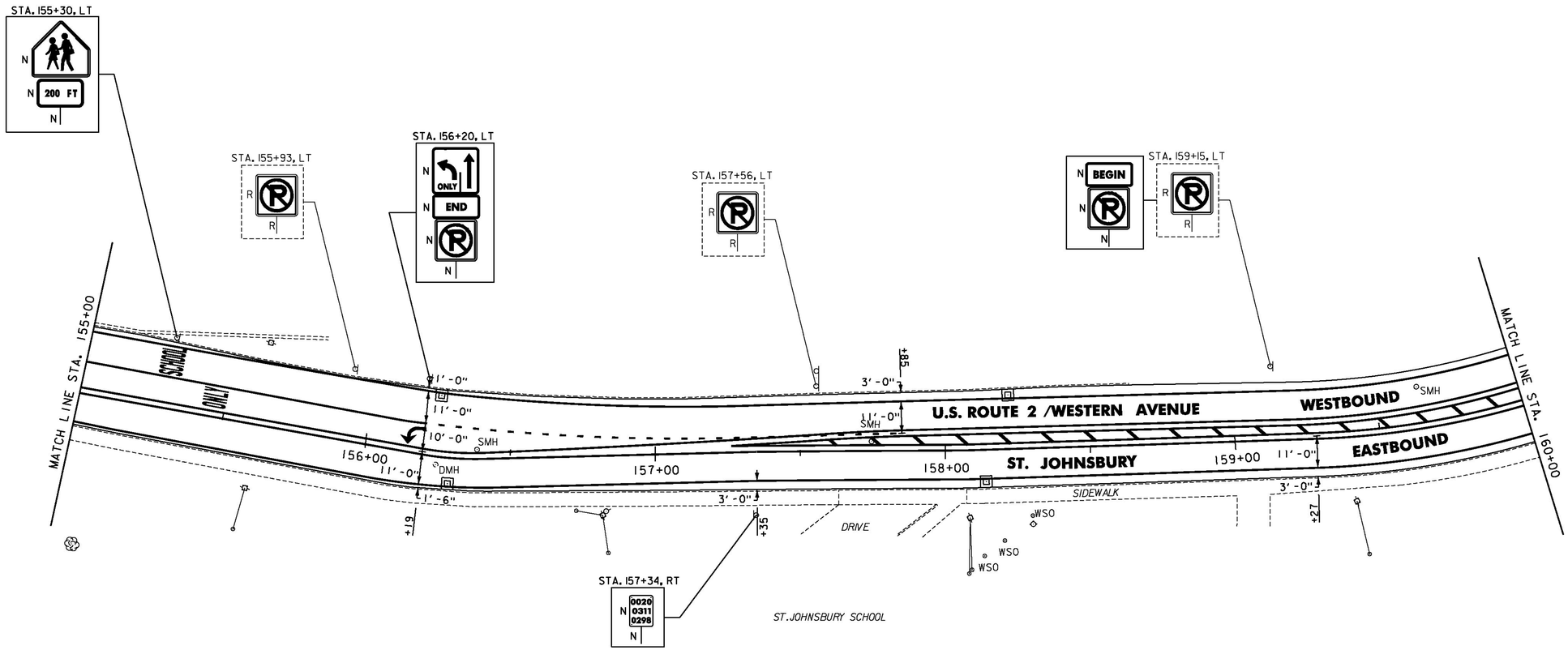
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 155+00 TO 157+26, SOLID LT & RT
STA. 157+26 TO 160+00, DOUBLE SOLID LT & RT

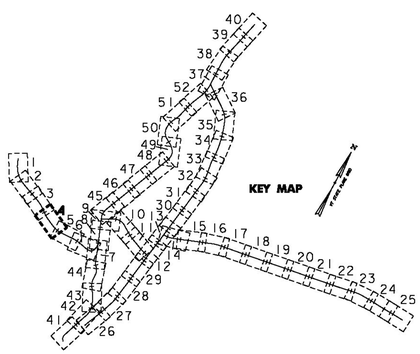
DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 157+26 TO 160+00, LT & RT (DIAGONALS)
SEE SHEET 55

DURABLE LETTER OR SYMBOL, TYPE D TAPE
STA. 155+30, LT "SCHOOL"
STA. 155+46, LT "ONLY"
STA. 156+15, LT ARROW

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 155+30, LT "SCHOOL"
STA. 156+15, LT ARROW

REMOVING SIGNS
AS SHOWN - 3





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 63 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 160+45 TO 160+73, RT
STA. 161+08, RT
STA. 161+24 TO 161+84, RT
STA. 163+27, RT
STA. 163+50, RT
STA. 163+88, RT
STA. 163+88, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 8 INCH
STA. 161+84 TO 162+31, RT

DETECTABLE WARNING SURFACE
STA. 160+88, RT
STA. 161+08, RT
STA. 163+27, RT
STA. 163+50, RT
STA. 163+88, RT
STA. 163+88, LT

VERTICAL GRANITE CURB
STA. 160+64 TO 160+72, RT (BARKER AVE. TH-360)
STA. 160+95 TO 161+24, RT (BARKER AVE. TH-360)

REMOVING AND RESETTING CURB
STA. 160+46 TO 160+73, RT
STA. 161+24 TO 161+91, RT
STA. 163+85 TO 163+90, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE& TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 160+00 TO 165+00, SOLID LT & RT
STA. 161+02 TO 162+75, SOLID LT (LANE LINE)
STA. 162+75 TO 164+00, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 160+00 TO 160+77, DOUBLE SOLID LT & RT
STA. 160+87, DOUBLE SOLID RT (BARKER AVE. TH-360)
STA. 161+20 TO 165+00, SOLID LT & RT
STA. 161+81, DOUBLE SOLID LT (TOWN GARAGE)

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 160+00 TO 160+70, LT & RT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 160+87, RT (BARKER AVE. TH-360)
STA. 161+81, LT (TOWN GARAGE)
STA. 163+39, RT (BELVIDERE ST. TH-362)

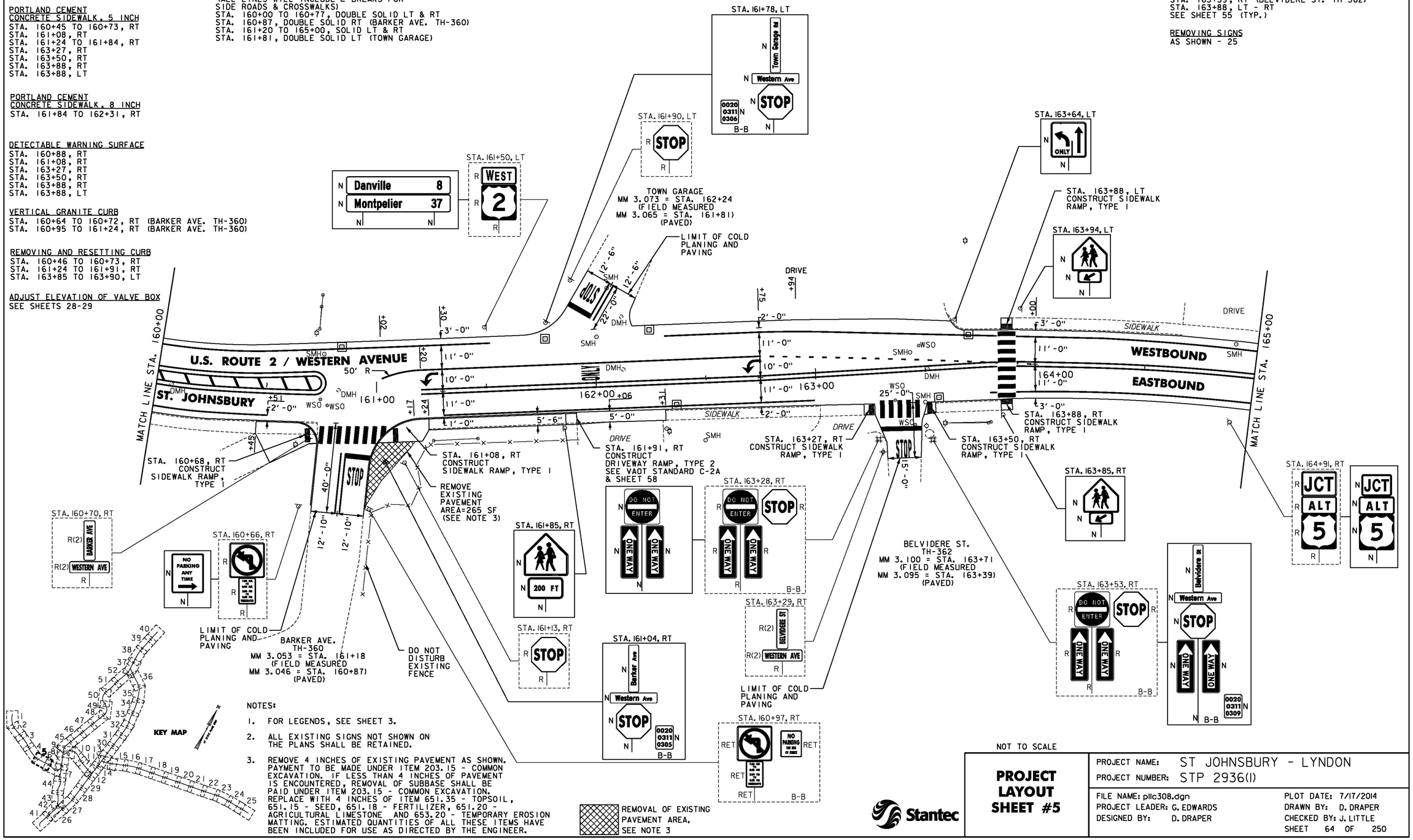
DURABLE LETTER OR SYMBOL, TYPE D TAPE
STA. 160+87, RT "STOP" (BARKER AVE. TH-360)
STA. 161+25, LT ARROW
STA. 161+81, LT "STOP" (TOWN GARAGE)
STA. 161+98, LT "ONLY"
STA. 162+71, LT ARROW
STA. 163+39, RT "STOP" (BELVIDERE ST. TH-362)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 160+87, RT (BARKER AVE. TH-360)
STA. 163+39, RT (BELVIDERE ST. TH-362)
STA. 163+88, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 160+87, RT "STOP" (BARKER AVE. TH-360)
STA. 161+25, LT ARROW
STA. 161+81, LT "STOP" (TOWN GARAGE)
STA. 162+71, LT ARROW
STA. 163+39, RT "STOP" (BELVIDERE ST. TH-362)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 160+87, RT (BARKER AVE. TH-360)
STA. 163+39, RT (BELVIDERE ST. TH-362)
STA. 163+88, LT - RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 25



NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #5

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 64 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

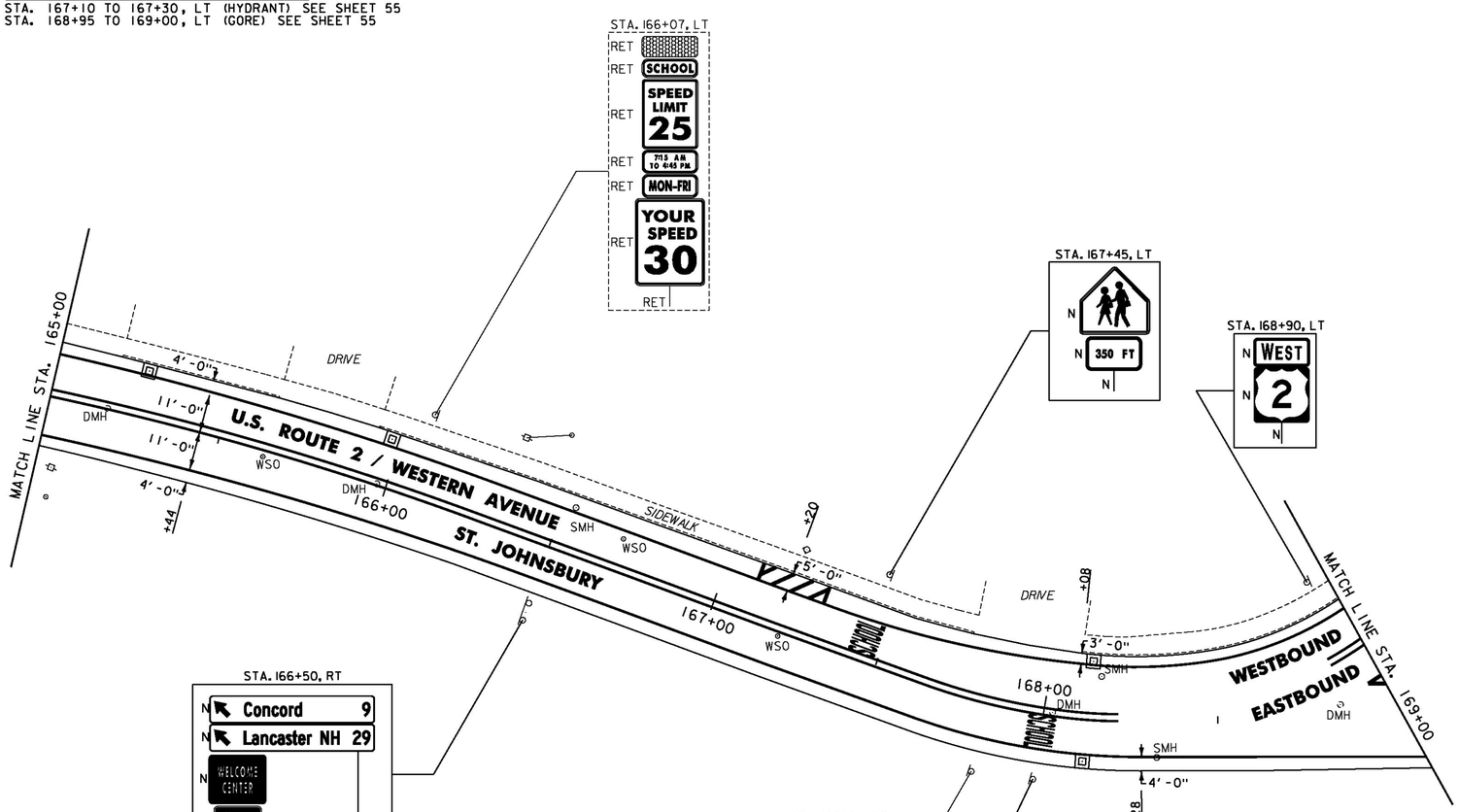
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 165+00 TO 169+00, SOLID LT & RT

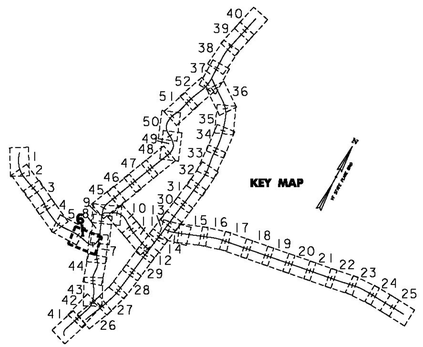
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 165+00 TO 169+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 167+10 TO 167+30, LT (HYDRANT) SEE SHEET 55
STA. 168+95 TO 169+00, LT (GORE) SEE SHEET 55

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 167+45, LT "SCHOOL"
STA. 168+00, RT "SCHOOL"

REMOVING SIGNS
AS SHOWN - 2





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

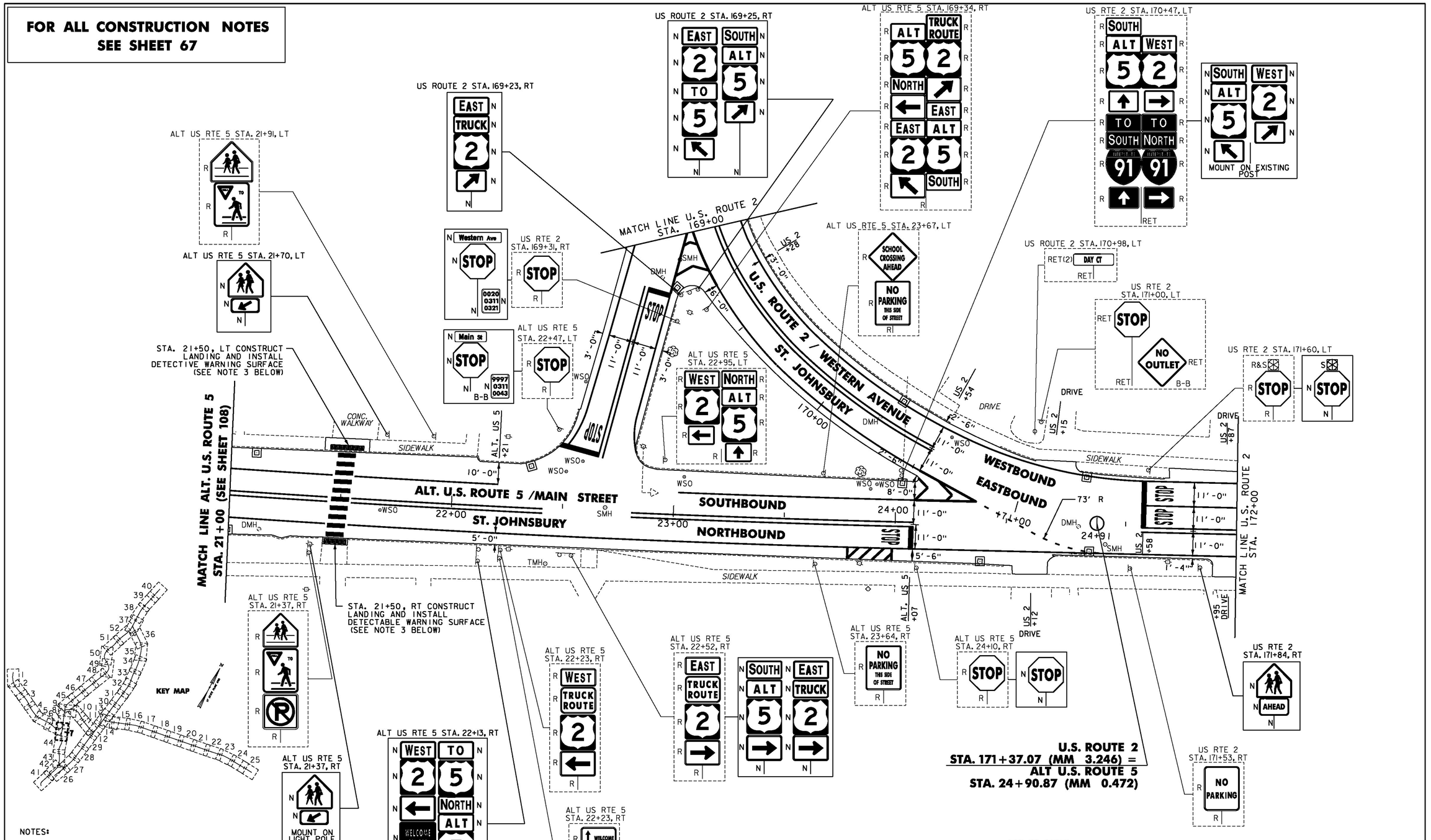
NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 65 OF 250

FOR ALL CONSTRUCTION NOTES
SEE SHEET 67



U.S. ROUTE 2
STA. 171+37.07 (MM 3.246) =
ALT U.S. ROUTE 5
STA. 24+90.87 (MM 0.472)

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #7A

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 66 OF 250

THINNING AND TRIMMING FOR SIGNS
U.S. RTE 2 STA. 169+31, RT
SEE SHEET 241

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
ALT. U.S. RTE 5 STA. 21+50, RT
ALT. U.S. RTE 5 STA. 21+50, LT

DETECTABLE WARNING SURFACE
ALT. U.S. RTE 5 STA. 21+50, RT
ALT. U.S. RTE 5 STA. 21+50, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
U.S. ROUTE 2
STA. 169+00 TO 169+37, SOLID RT (EDGELINE, RAMP)
STA. 169+00 TO 172+00, SOLID LT
STA. 169+21 TO 169+51, SOLID RT (EDGELINE, RAMP)
STA. 169+28 TO 170+54, SOLID RT
STA. 170+82 TO 171+43, DOTTED RT
STA. 171+37 TO 172+00, SOLID RT
STA. 171+59 TO 172+00, SOLID LT (LANE LINE)
ALT U.S. ROUTE 5
STA. 21+00 TO 24+07, SOLID LT & RT
STA. 24+07 TO 24+91, SOLID RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR
SIDE ROADS & CROSSWALKS)
U.S. ROUTE 2
STA. 169+00 TO 170+54, DOUBLE SOLID LT
STA. 169+15, DOUBLE SOLID RT (RAMP)
STA. 171+57 TO 172+00, SOLID LT & RT
ALT U.S. ROUTE 5
STA. 21+00 TO 24+07, DOUBLE SOLID RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
U.S. ROUTE 2
STA. 169+00 TO 169+28, SOLID RT (GORE & DIAGONALS) SEE SHEET 55
STA. 170+54 TO 170+82, SOLID RT (GORE) SEE SHEET 55
ALT U.S. ROUTE 5
STA. 23+79 TO 23+99, SOLID RT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 2
STA. 169+18, RT (RAMP)
STA. 169+46, RT (RAMP)
STA. 171+58, LT-RT
ALT U.S. ROUTE 5
STA. 24+07, RT

DURABLE & TEMPORARY LETTER OR SYMBOL
U.S. ROUTE 2
STA. 169+24, RT "STOP" (RAMP)
STA. 169+45, RT "STOP" (RAMP)
STA. 171+67, LT "STOP" (2)
ALT U.S. ROUTE 5
STA. 23+98, RT "STOP"

DURABLE CROSSWALK MARKING, TYPE A TAPE
ALT U.S. ROUTE 5
STA. 21+48, RT TO 21+52, LT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
ALT U.S. ROUTE 5
STA. 21+48, RT TO 21+52, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 58

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)
U.S. ROUTE 2
STA. 171+60, LT

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #7B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 67 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 172+92, RT
STA. 172+92, LT

DETECTABLE WARNING SURFACE
STA. 172+92, RT
STA. 172+92, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 172+00 TO 172+88, SOLID LT & RT
STA. 172+00 TO 172+39, SOLID LT (LANE LINE)
STA. 172+39 TO 173+19, DOTTED LT
STA. 172+97 TO 175+00, RT (PARKING SPACES & DIAGONALS)
STA. 173+68 TO 175+00, LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 174+45 TO 175+00, DOTTED RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 172+00 TO 175+00, SOLID LT & RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 172+35, LT ARROW (2)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 172+92, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 172+92, LT - RT
SEE SHEET 55 (TYP.)

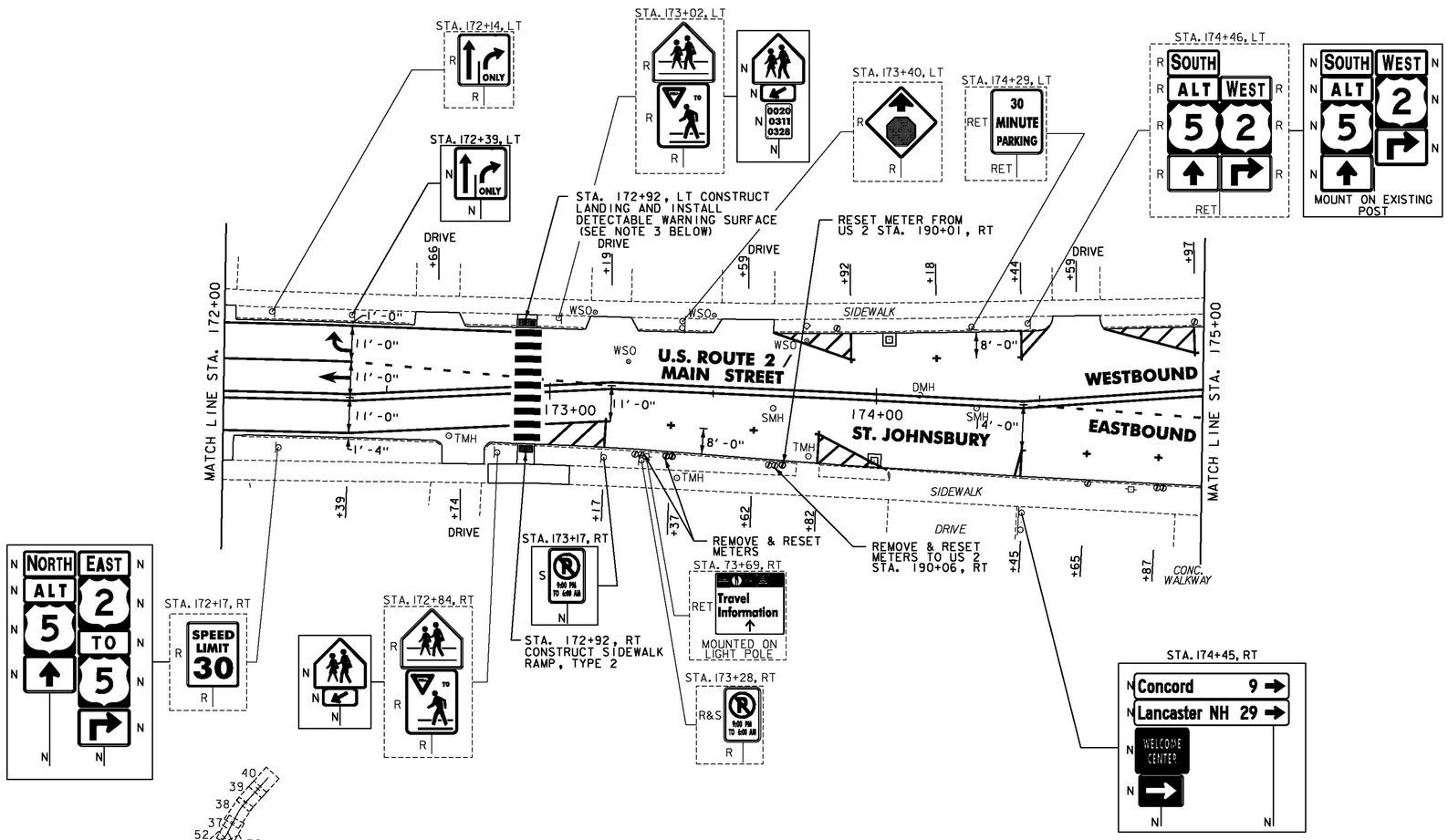
REMOVING SIGNS
AS SHOWN - 15

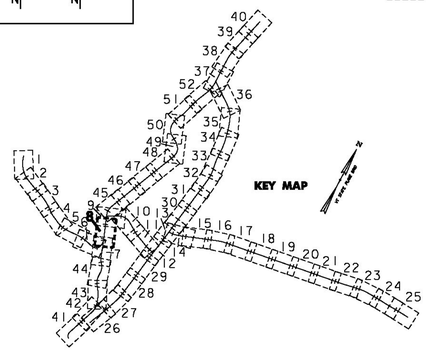
ERECTING SALVAGED SIGNS
AS SHOWN - 1

SPECIAL PROVISION (PARKING METER POST)
STA. 173+37, RT
STA. 173+70, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 173+37, RT
STA. 173+70, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 173+28, RT
STA. 173+68, RT





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

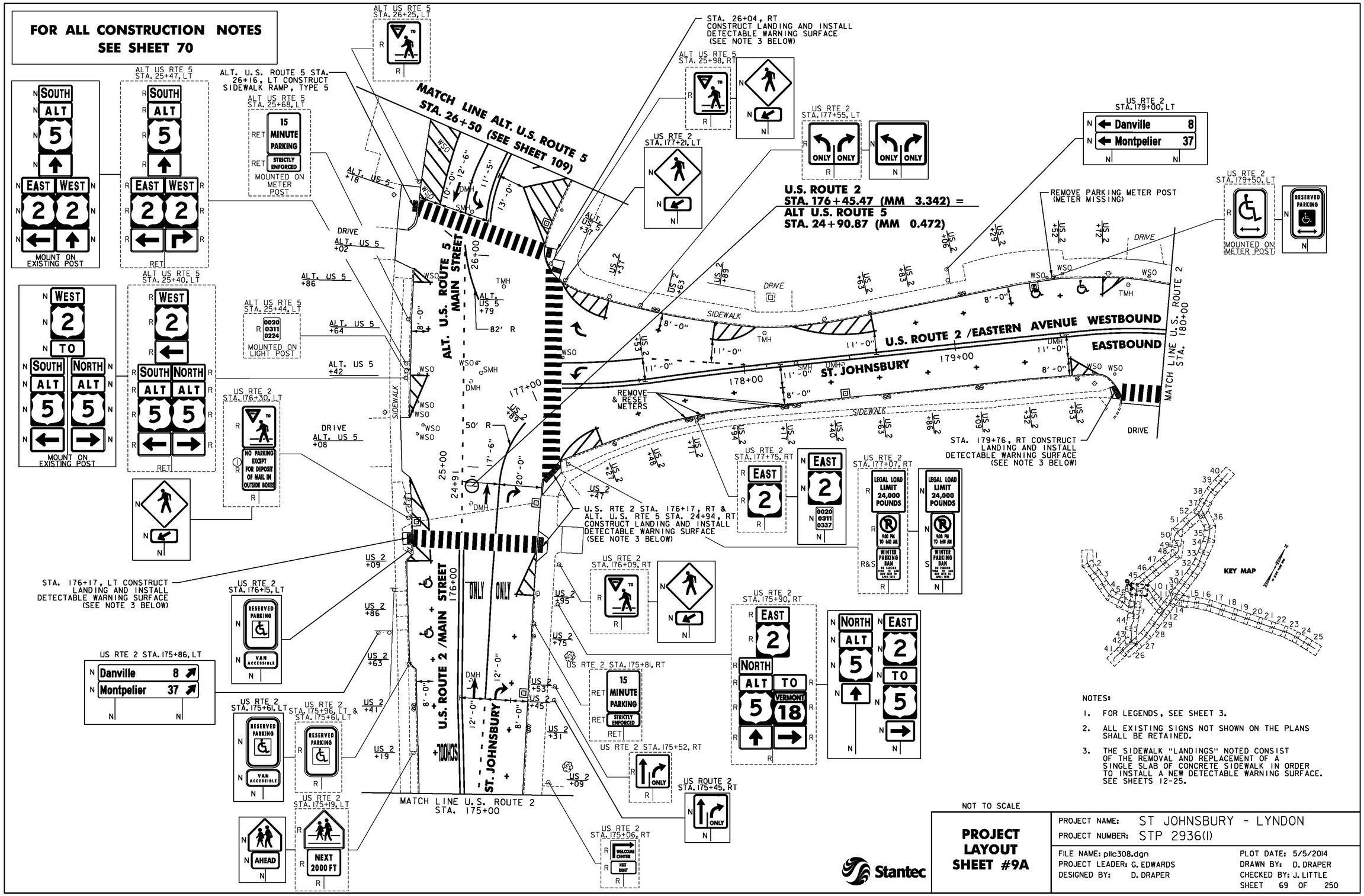
NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #8

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 68 OF 250


FOR ALL CONSTRUCTION NOTES
SEE SHEET 70
MATCH LINE ALT. U.S. ROUTE 5
STA. 26+50 (SEE SHEET 109)
ALT. U.S. ROUTE 5 STA. 26+16, LT CONSTRUCT SIDEWALK RAMP, TYPE 5
STA. 26+04, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)
U.S. ROUTE 2
STA. 176+45.47 (MM 3.342) =
ALT U.S. ROUTE 5
STA. 24+90.87 (MM 0.472)
REMOVE PARKING METER POST (METER MISSING)
U.S. ROUTE 2 /EASTERN AVENUE WESTBOUND
EASTBOUND
ST. JOHNSBURY
ALT. U.S. ROUTE 5 / MAIN STREET
U.S. ROUTE 2 /MAIN STREET
MATCH LINE U.S. ROUTE 2 STA. 180+00
MATCH LINE U.S. ROUTE 2 STA. 175+00
STA. 179+76, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)
U.S. RTE 2 STA. 176+17, RT & ALT. U.S. RTE 5 STA. 24+94, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)
STA. 176+17, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)
REMOVE & RESET METERS
KEY MAP
NOTES:
1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
NOT TO SCALE
PROJECT LAYOUT SHEET #9A
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 69 OF 250
Stantec

THINNING AND TRIMMING FOR SIGNS
STA. 175+45, RT
SEE SHEET 241 (TYP.)
STA. 175+90, RT
STA. 176+09, RT

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
U.S. ALT. RTE 5 STA. 24+94, RT
U.S. ALT. RTE 5 STA. 26+04, RT
U.S. ALT. RTE 5 STA. 26+16, LT

REMOVAL OF EXISTING CURB
U.S. ALT. RTE 5 STA. 24+94, RT
U.S. ALT. RTE 5 STA. 26+04, RT
U.S. ALT. RTE 5 STA. 26+16, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
U.S. RTE 2 STA. 176+17, RT
U.S. RTE 2 STA. 176+17, LT
U.S. RTE 2 STA. 179+76, RT
U.S. ALT. RTE 5 STA. 24+94, RT
U.S. ALT. RTE 5 STA. 26+04, RT
U.S. ALT. RTE 5 STA. 26+16, LT

DETECTABLE WARNING SURFACE
U.S. RTE 2 STA. 176+17, RT
U.S. RTE 2 STA. 176+17, LT
U.S. RTE 2 STA. 179+76, RT
U.S. ALT. RTE 5 STA. 24+94, RT
U.S. ALT. RTE 5 STA. 26+04, RT
U.S. ALT. RTE 5 STA. 26+16, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 2
STA. 175+00 TO 176+14, SOLID RT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 175+00 TO 176+47, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 175+00 TO 175+45, DOTTED RT
STA. 175+45 TO 176+89, SOLID RT (LANE LINE)
STA. 176+23 TO 176+46, DOTTED LT
STA. 176+97 TO 179+67, SOLID RT (PARKING SPACES & DIAGONALS)
STA. 177+15 TO 177+53, SOLID LT (LANE LINE)
STA. 177+19 TO 179+80, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 177+53 TO 178+11, DOTTED LT
ALT U.S. ROUTE 5
STA. 24+91 TO 26+04, DOTTED LT
STA. 25+22 TO 26+50, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 25+79 TO 26+50, SOLID LT (LANE LINE)
STA. 26+10 TO 26+50, SOLID RT (PARKING SPACES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
U.S. ROUTE 2
STA. 175+00 TO 176+15, SOLID LT & RT
STA. 177+13 TO 180+00, SOLID LT & RT
ALT. U.S. ROUTE 5
STA. 26+16 TO 26+50, SOLID LT & RT

DURABLE LETTER OR SYMBOL, TYPE D TAPE
U.S. ROUTE 2
STA. 175+19, LT "SCHOOL"
STA. 175+49, RT ARROWS (2)
STA. 175+75, LT HANDICAPPED SYMBOL
STA. 175+96, RT "ONLY" (2)
STA. 175+99, LT HANDICAPPED SYMBOL
STA. 176+42, RT ARROWS (2)
STA. 177+23, LT ARROW
STA. 177+24, LT ARROW
STA. 179+40, LT HANDICAPPED SYMBOL
STA. 179+61, LT HANDICAPPED SYMBOL
ALT U.S. ROUTE 5
STA. 26+24, LT ARROWS (2)

DURABLE CROSSWALK MARKING, TYPE A TAPE
U.S. ROUTE 2
STA. 176+17, LT-RT
STA. 179+79 TO 180+00, RT
ALT U.S. ROUTE 5
STA. 24+94, RT TO 25+92, RT
STA. 26+04, RT TO 26+16, LT
SEE SHEET 55 (TYP.)

TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 2
STA. 175+19, LT "SCHOOL"
STA. 175+49, RT ARROWS (2)
STA. 175+75, LT HANDICAPPED SYMBOL
STA. 175+99, LT HANDICAPPED SYMBOL
STA. 176+42, RT ARROWS (2)
STA. 177+23, LT ARROW
STA. 177+24, LT ARROW
STA. 179+40, LT HANDICAPPED SYMBOL
STA. 179+61, LT HANDICAPPED SYMBOL
ALT U.S. ROUTE 5
STA. 26+24, LT ARROWS (2)

TEMPORARY CROSSWALK MARKING, PAINT
U.S. ROUTE 2
STA. 176+17, LT-RT
STA. 179+79 TO 180+00, RT
ALT U.S. ROUTE 5
STA. 24+94, RT TO 25+92, RT
STA. 26+04, RT TO 26+16, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 49

ERECTING SALVAGED SIGNS
AS SHOWN - 1

SPECIAL PROVISION (PARKING METER POST)
STA. 177+71, RT
STA. 178+17, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
U.S. ROUTE 2 STA. 177+71, RT
U.S. ROUTE 2 STA. 178+17, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
U.S. ROUTE 2 STA. 177+77, RT
U.S. ROUTE 2 STA. 178+23, RT
U.S. ROUTE 2 STA. 179+50, LT

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #9B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 70 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 180+33, LT
STA. 182+61, LT
STA. 183+04, RT

REMOVAL OF EXISTING CURB
STA. 180+33, LT
STA. 182+61, LT
STA. 183+04, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 180+29, RT
STA. 180+33, LT
STA. 181+00, LT
STA. 181+46, LT
STA. 182+61, LT
STA. 182+65, RT
STA. 183+04, RT

DETECTABLE WARNING SURFACE
STA. 180+29, RT
STA. 180+33, LT
STA. 181+00, LT
STA. 181+46, LT
STA. 182+61, LT
STA. 182+65, RT
STA. 183+04, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 180+37 TO 185+00, SOLID LT & RT
(PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 180+00 TO 185+00, SOLID LT & RT
STA. 182+85, DOUBLE SOLID RT (FEDERAL ST. TH-378)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 181+24, LT (THADDEUS LANE TH-382)
STA. 182+85, RT (FEDERAL ST. TH-378)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 181+24, LT "STOP" (THADDEUS LANE TH-382)
STA. 182+85, RT "STOP" (FEDERAL ST. TH-378)

DURABLE CROSSWALK MARKING
STA. 181+33 TO 181+46, LT
SEE SHEET 55 (TYP.)

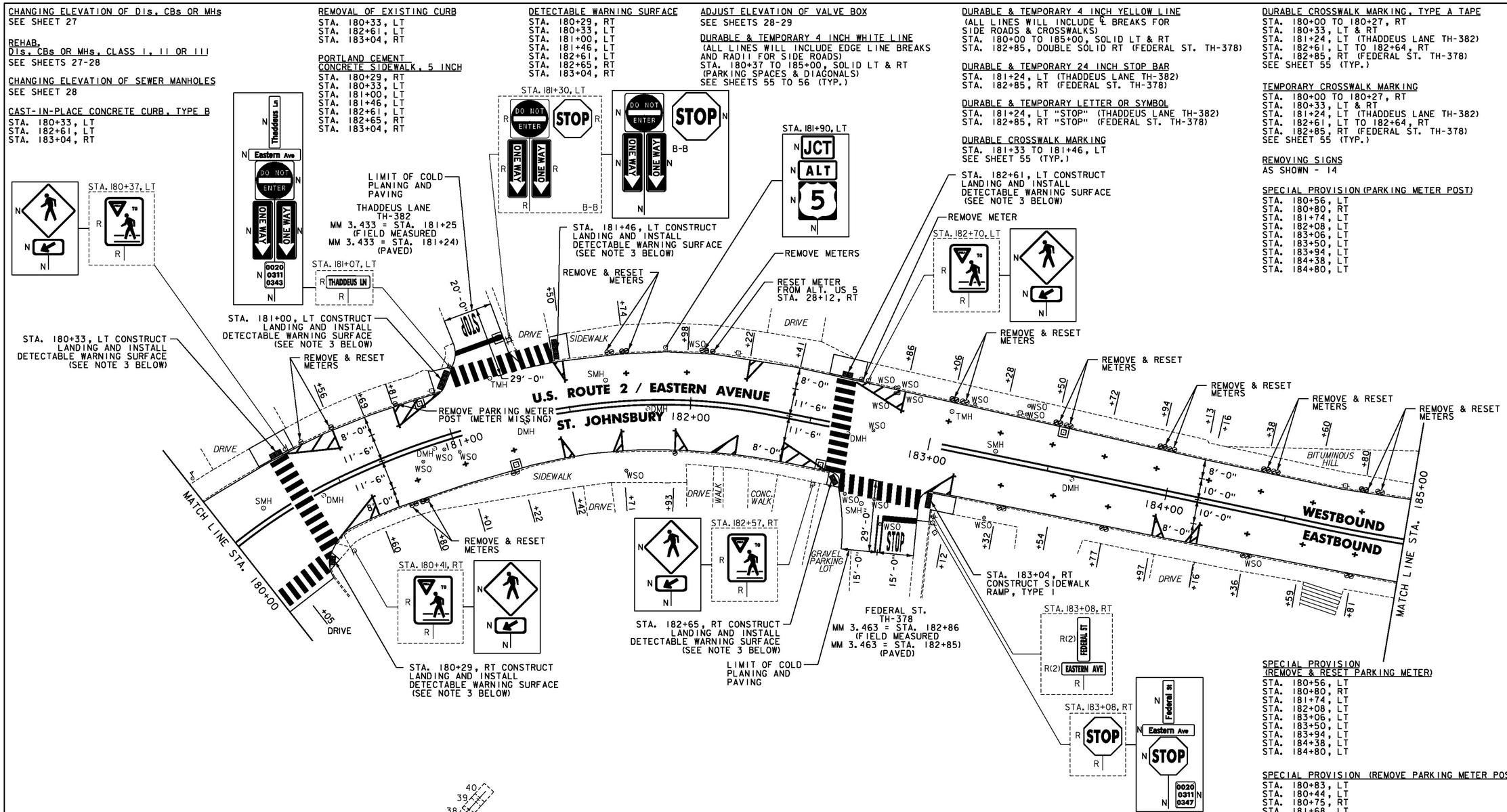
STA. 182+61, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 180+00 TO 180+27, RT
STA. 180+33, LT & RT
STA. 181+24, LT (THADDEUS LANE TH-382)
STA. 182+61, LT TO 182+64, RT
STA. 182+85, RT (FEDERAL ST. TH-378)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING
STA. 180+00 TO 180+27, RT
STA. 180+33, LT & RT
STA. 181+24, LT (THADDEUS LANE TH-382)
STA. 182+61, LT TO 182+64, RT
STA. 182+85, RT (FEDERAL ST. TH-378)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 14

SPECIAL PROVISION (PARKING METER POST)
STA. 180+56, LT
STA. 180+80, RT
STA. 181+74, LT
STA. 182+08, LT
STA. 183+06, LT
STA. 183+50, LT
STA. 183+94, LT
STA. 184+38, LT
STA. 184+80, LT



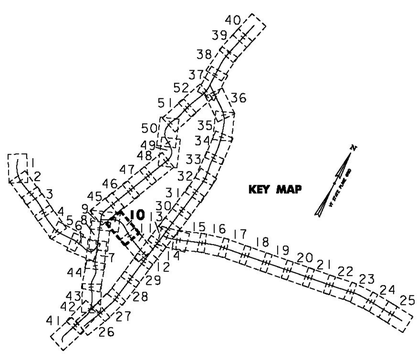
SPECIAL PROVISION
(REMOVE & RESET PARKING METER)
STA. 180+56, LT
STA. 180+80, RT
STA. 181+74, LT
STA. 182+08, LT
STA. 183+06, LT
STA. 183+50, LT
STA. 183+94, LT
STA. 184+38, LT
STA. 184+80, LT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 180+83, LT
STA. 180+44, LT
STA. 180+75, RT
STA. 181+68, LT
STA. 182+04, LT
STA. 182+67, LT
STA. 183+11, LT
STA. 183+55, LT
STA. 183+99, LT
STA. 184+42, LT
STA. 184+87, LT

SPECIAL PROVISION (REMOVE PARKING METER)
STA. 182+04, LT
STA. 182+67, LT

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.



NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #10

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 71 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

VERTICAL GRANITE CURB
STA. 188+21, RT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 185+24, RT
STA. 185+26, LT
STA. 187+75, LT

REMOVAL OF EXISTING CURB
STA. 185+24, RT
STA. 185+26, LT
STA. 187+75, LT
STA. 188+21, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 185+15 TO 185+31, LT (CHERRY ST. TH-386)
SEE SHEET 56

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 185+24, RT
STA. 185+26, LT
STA. 185+66, LT
STA. 187+75, LT
STA. 188+09, LT
STA. 188+21, RT

DETECTABLE WARNING SURFACE
STA. 185+24, RT
STA. 185+26, LT
STA. 185+66, LT
STA. 187+75, LT
STA. 188+09, LT
STA. 188+21, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 185+00 TO 190+00, SOLID LT & RT
(PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 185+57, SOLID LT
(PARKING SPACES & DIAGONALS, CHERRY ST. TH-386)
STA. 187+97, SOLID LT
(PARKING SPACES & DIAGONALS, PEARL ST. TH-372)
STA. 187+97, SOLID RT
(PARKING SPACES & DIAGONALS, PEARL ST. TH-372)
STA. 189+18 TO 189+94, DOTTED RT
STA. 189+94 TO 190+00, SOLID RT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 185+00 TO 190+00, SOLID LT & RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 185+57, LT (CHERRY ST. TH-386)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 185+57, LT "STOP" (CHERRY ST. TH-386)
STA. 189+98, RT ARROW
STA. 190+00, RT ARROW

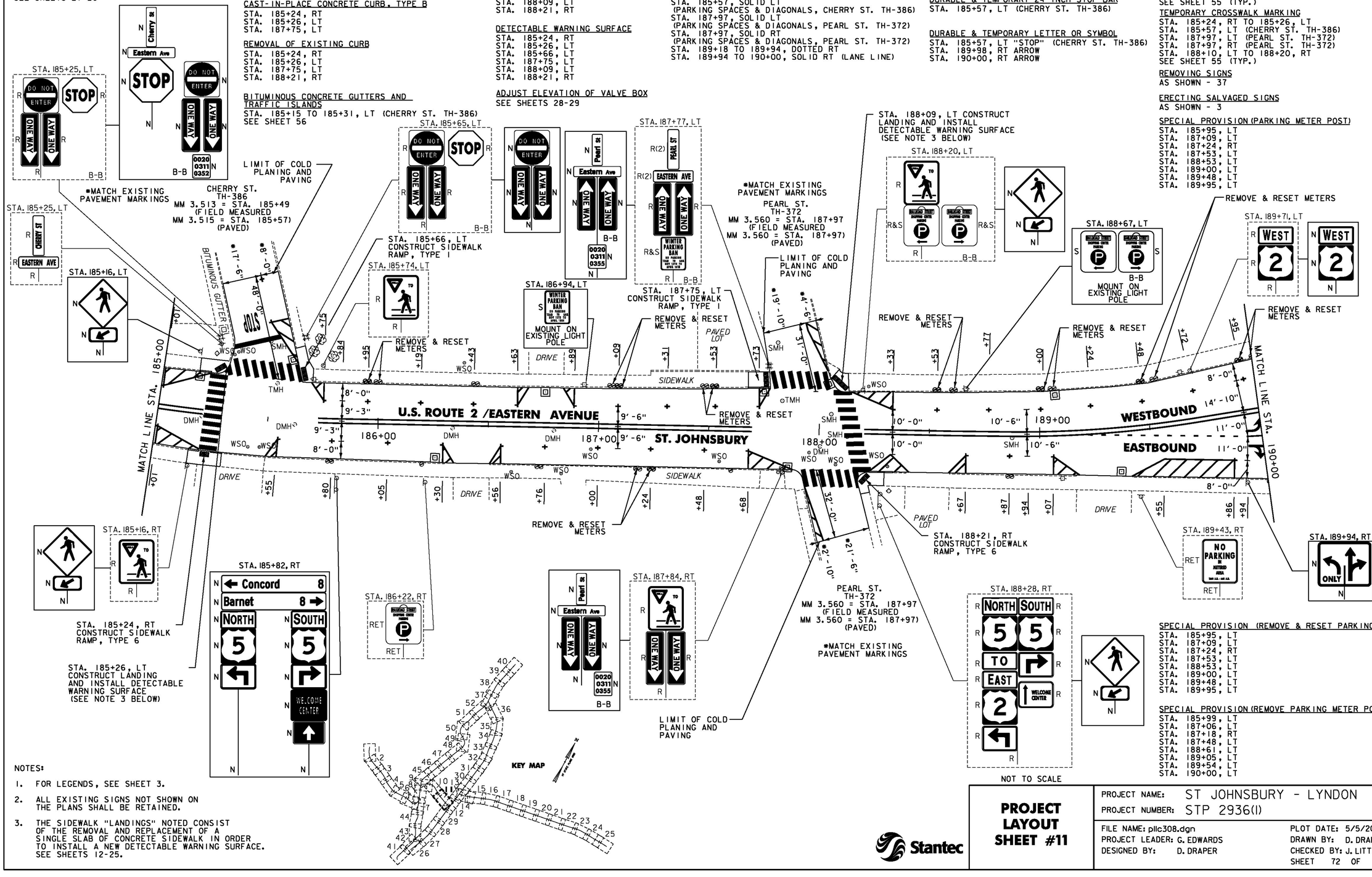
DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 185+24, RT TO 185+26, LT
STA. 185+57, LT (CHERRY ST. TH-386)
STA. 187+97, LT (PEARL ST. TH-372)
STA. 187+97, RT (PEARL ST. TH-372)
STA. 188+10, LT TO 188+20, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING
STA. 185+24, RT TO 185+26, LT
STA. 185+57, LT (CHERRY ST. TH-386)
STA. 187+97, LT (PEARL ST. TH-372)
STA. 187+97, RT (PEARL ST. TH-372)
STA. 188+10, LT TO 188+20, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 37

ERECTING SALVAGED SIGNS
AS SHOWN - 3

SPECIAL PROVISION (PARKING METER POST)
STA. 185+95, LT
STA. 187+09, LT
STA. 187+24, RT
STA. 187+53, LT
STA. 188+53, LT
STA. 189+00, LT
STA. 189+48, LT
STA. 189+95, LT



SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 185+95, LT
STA. 187+09, LT
STA. 187+24, RT
STA. 187+53, LT
STA. 188+53, LT
STA. 189+00, LT
STA. 189+48, LT
STA. 189+95, LT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 185+99, LT
STA. 187+06, LT
STA. 187+18, RT
STA. 187+48, LT
STA. 188+61, LT
STA. 189+05, LT
STA. 189+54, LT
STA. 190+00, LT

NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

Stantec

PROJECT LAYOUT SHEET #11

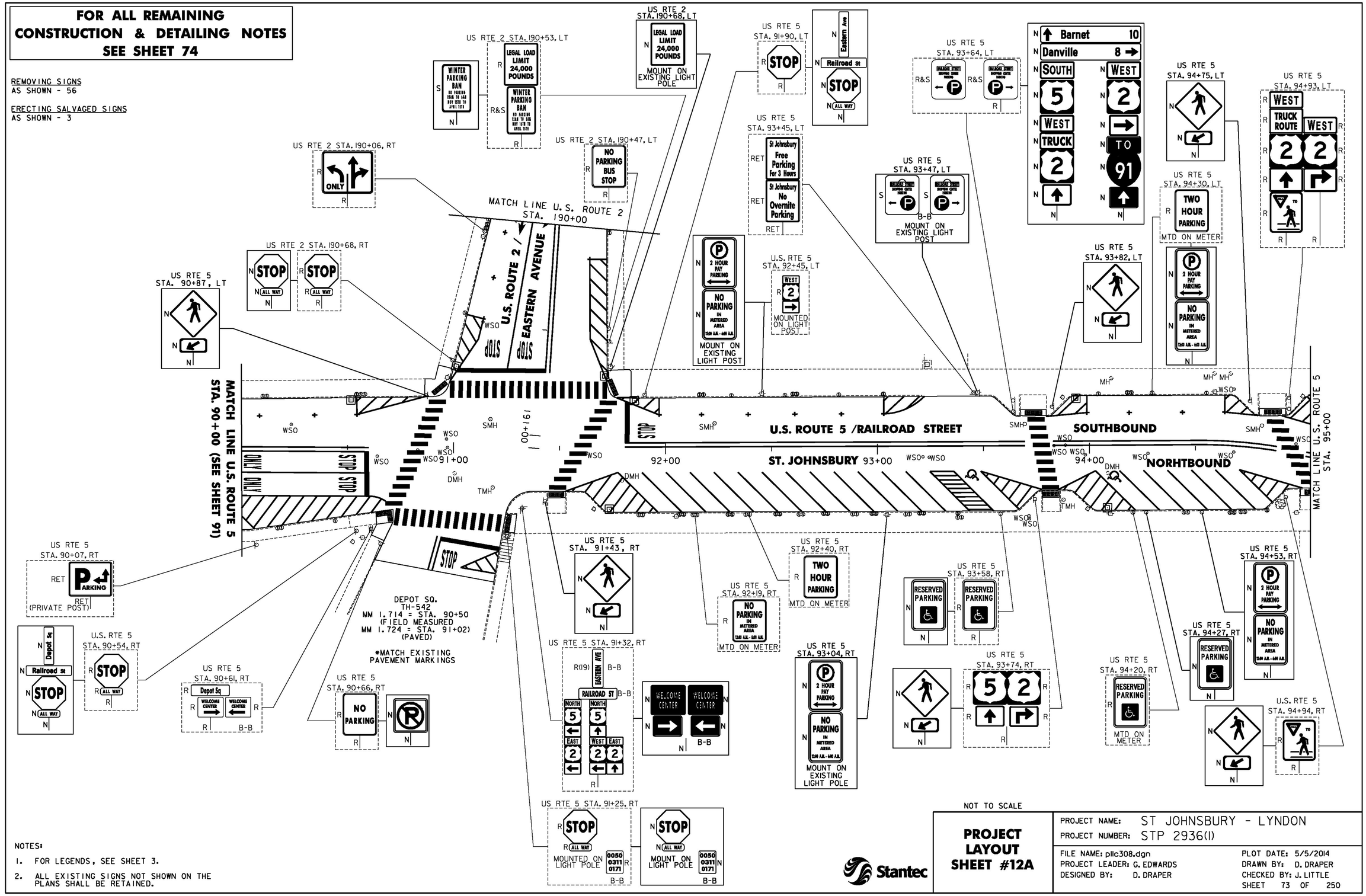
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 72 OF 250

FOR ALL REMAINING CONSTRUCTION & DETAILING NOTES SEE SHEET 74

REMOVING SIGNS
AS SHOWN - 56

ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #12A

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 73 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

VERTICAL GRANITE CURB
U.S. ROUTE 5
STA. 90+92, LT
STA. 91+74, LT

REMOVAL OF EXISTING CURB
U.S. ROUTE 5
STA. 90+92, LT
STA. 91+74, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
U.S. ROUTE 5
STA. 90+68, RT
STA. 90+92, LT
STA. 91+24, RT
STA. 91+49, RT
STA. 91+74, LT
STA. 93+74, LT
STA. 93+82, RT
STA. 94+85, LT

DETECTABLE WARNING SURFACE
U.S. ROUTE 5
STA. 90+68, RT
STA. 90+92, LT
STA. 91+24, RT
STA. 91+49, RT
STA. 91+74, LT
STA. 93+74, LT
STA. 93+82, RT
STA. 94+85, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
U.S. ROUTE 5
STA. 90+00 TO 90+60, SOLID LT & RT
STA. 91+02, DOUBLE SOLID RT (DEPOT SQ. TH-542)
STA. 91+82 TO 94+64, DOUBLE SOLID LT
STA. 94+64 TO 95+00, DOUBLE SOLID RT
U.S. ROUTE 2
STA. 190+00 TO 190+70, DOUBLE SOLID LT

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 5
STA. 90+59, RT
STA. 91+02, RT (DEPOT SQ. TH-542)
STA. 91+82, LT
U.S. ROUTE 2
STA. 190+69, LT-RT

DURABLE LETTER OR SYMBOL, TYPE D TAPE
U.S. ROUTE 5
STA. 90+05, RT "ONLY" (2)
STA. 90+50, RT "STOP" (2)
STA. 91+02, RT "STOP" (DEPOT SQ. TH-542)
STA. 91+91, LT "STOP"
STA. 93+43, RT HANDICAP SYMBOL
STA. 94+11, RT HANDICAP SYMBOL
U.S. ROUTE 2
STA. 190+60, RT "STOP" (2)

DURABLE CROSSWALK MARKING, TYPE A TAPE
U.S. ROUTE 5
STA. 90+68, RT TO 90+92, LT
STA. 91+02, RT (DEPOT SQ. TH-542)
STA. 91+49, RT TO 91+74, LT
STA. 93+74, LT TO 93+82, RT
STA. 94+85, LT TO 95+02, RT
U.S. ROUTE 2
STA. 190+78, LT-RT
SEE SHEET 55 (TYP.)

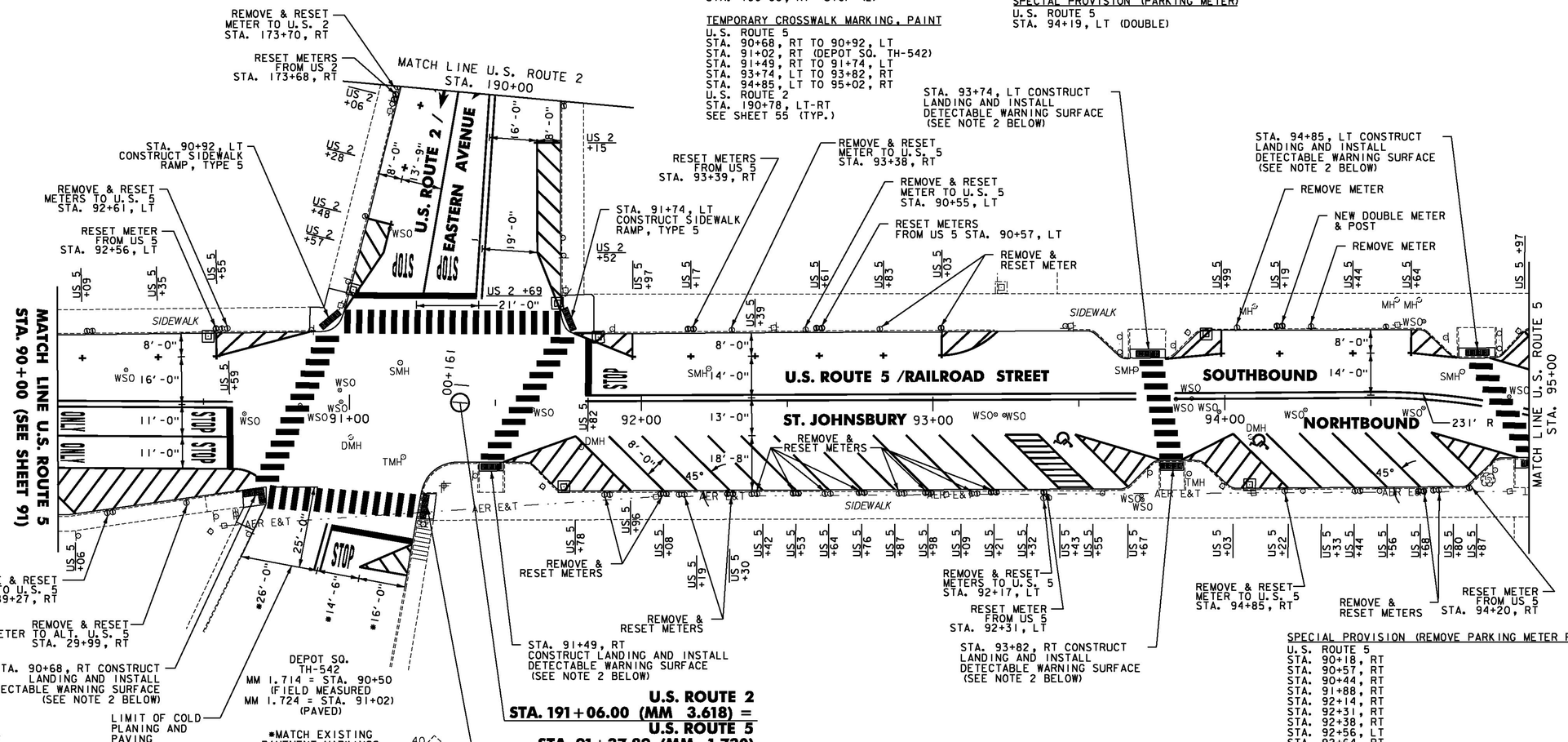
TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 5
STA. 90+50, RT "STOP" (2)
STA. 91+02, RT "STOP" (DEPOT SQ. TH-542)
STA. 91+91, LT "STOP"
STA. 93+43, RT HANDICAP SYMBOL
STA. 94+11, RT HANDICAP SYMBOL
U.S. ROUTE 2
STA. 190+60, RT "STOP" (2)

TEMPORARY CROSSWALK MARKING, PAINT
U.S. ROUTE 5
STA. 90+68, RT TO 90+92, LT
STA. 91+02, RT (DEPOT SQ. TH-542)
STA. 91+49, RT TO 91+74, LT
STA. 93+74, LT TO 93+82, RT
STA. 94+85, LT TO 95+02, RT
U.S. ROUTE 2
STA. 190+78, LT-RT
SEE SHEET 55 (TYP.)

SPECIAL PROVISION (PARKING METER POST)
U.S. ROUTE 5
STA. 90+55, LT
STA. 92+08, RT
STA. 92+17, LT
STA. 92+30, RT
STA. 92+53, RT
STA. 92+61, LT
STA. 92+76, RT
STA. 92+98, RT
STA. 93+03, LT
STA. 93+21, RT
STA. 93+38, RT
STA. 94+19, LT
STA. 94+68, RT
STA. 94+85, RT
U.S. ROUTE 2
STA. 190+06, RT

SPECIAL PROVISION (PARKING METER)
U.S. ROUTE 5
STA. 94+19, LT (DOUBLE)

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
U.S. ROUTE 5
STA. 90+55, LT
STA. 92+08, RT
STA. 92+17, LT
STA. 92+30, RT
STA. 92+53, RT
STA. 92+61, LT
STA. 92+76, RT
STA. 92+98, RT
STA. 93+03, LT
STA. 93+21, RT
STA. 93+38, RT
STA. 94+68, RT
STA. 94+85, RT
U.S. ROUTE 2
STA. 190+06, RT



SPECIAL PROVISION (REMOVE PARKING METER POST)
U.S. ROUTE 5
STA. 90+18, RT
STA. 90+57, RT
STA. 90+44, RT
STA. 91+88, RT
STA. 92+14, RT
STA. 92+31, RT
STA. 92+38, RT
STA. 92+56, LT
STA. 92+64, RT
STA. 92+82, LT
STA. 92+89, RT
STA. 93+14, RT
STA. 93+39, LT
STA. 94+04, LT
STA. 94+30, LT
STA. 94+74, RT
U.S. ROUTE 2
STA. 190+01, RT

SPECIAL PROVISION (REMOVE PARKING METER)
U.S. ROUTE 5
STA. 94+04, LT
STA. 94+30, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 90+00 TO 90+86, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 90+00 TO 90+58, SOLID RT (LANE LINE)
STA. 90+00 TO 90+67, SOLID RT (PARKING SPACES & DIAGONALS)
STA. 91+02, SOLID RT (DEPOT SQ. TH-542 DIAGONALS)
STA. 91+53 TO 94+99, SOLID RT (PARKING SPACES & DIAGONALS)
STA. 91+77 TO 95+00, SOLID LT (PARKING SPACES & DIAGONALS)
U.S. ROUTE 2
STA. 190+00 TO 190+70, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 190+00 TO 190+68, SOLID RT (LANE LINE)
STA. 190+00 TO 190+68, SOLID RT (PARKING SPACES & DIAGONALS)

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

PROJECT LAYOUT SHEET #12B

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 74 OF 250

THINNING AND TRIMMING FOR SIGNS
U.S. ROUTE 5
STA. 98+80, LT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

VERTICAL GRANITE CURB
U.S. ROUTE 5
STA. 96+85, RT

REMOVAL OF EXISTING CURB
U.S. ROUTE 5
STA. 96+85, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
U.S. ROUTE 5
STA. 95+02, RT
STA. 96+66, LT
STA. 96+66, RT
STA. 96+85, RT
STA. 97+74, RT

DETECTABLE WARNING SURFACE
U.S. ROUTE 5
STA. 95+02, RT
STA. 96+66, LT
STA. 96+66, RT
STA. 96+85, RT
STA. 97+74, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 95+00 TO 97+27, LT (PARKING SPACES & DIAGONALS)
STA. 95+06 TO 96+57, RT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 97+61 TO 99+00, SOLID LT & RT
STA. 97+64 TO 98+60, SOLID LT (LANE LINE)
STA. 98+60 TO 99+00, DOTTED LT
U.S. ROUTE 2
STA. 191+27 TO 192+00, SOLID LT
STA. 191+28 TO 192+00, SOLID RT
STA. 191+48 TO 192+00, SOLID LT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
U.S. ROUTE 5
STA. 95+00 TO 96+58, DOUBLE SOLID RT
STA. 97+64 TO 98+96, DOUBLE SOLID RT
STA. 98+96 TO 99+00, DOUBLE SOLID RT (2)
U.S. ROUTE 2
STA. 191+45 TO 192+00, DOUBLE SOLID RT

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 5
STA. 96+57, RT
STA. 97+65, LT - RT
U.S. ROUTE 2
STA. 191+46 TO 191+49, LT

DURABLE LETTER OR SYMBOL, TYPE D TAPE
U.S. ROUTE 5
STA. 95+88, LT HANDICAP SYMBOL
STA. 96+12, LT HANDICAP SYMBOL
STA. 96+48, RT "STOP"
STA. 97+74, LT "STOP" (2)
STA. 98+12, LT "ONLY" (2)
STA. 98+56, LT ARROW (2)
U.S. ROUTE 2
STA. 191+55, LT "STOP" (2)
STA. 191+96, LT "ONLY"
STA. 191+97, LT "ONLY"

DURABLE CROSSWALK MARKING, TYPE A TAPE
U.S. ROUTE 5
STA. 96+66, LT - RT
STA. 96+85 TO 97+74, RT
SEE SHEET 55 (TYP.)

TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 5
STA. 95+88, LT HANDICAP SYMBOL
STA. 96+12, LT HANDICAP SYMBOL
STA. 96+48, RT "STOP"
STA. 97+74, LT "STOP" (2)
STA. 98+56, LT ARROW (2)
U.S. ROUTE 2
STA. 191+55, LT "STOP" (2)

TEMPORARY CROSSWALK MARKING, PAINT
U.S. ROUTE 5
STA. 96+66, LT - RT
STA. 96+85 TO 97+74, RT
SEE SHEET 55 (TYP.)

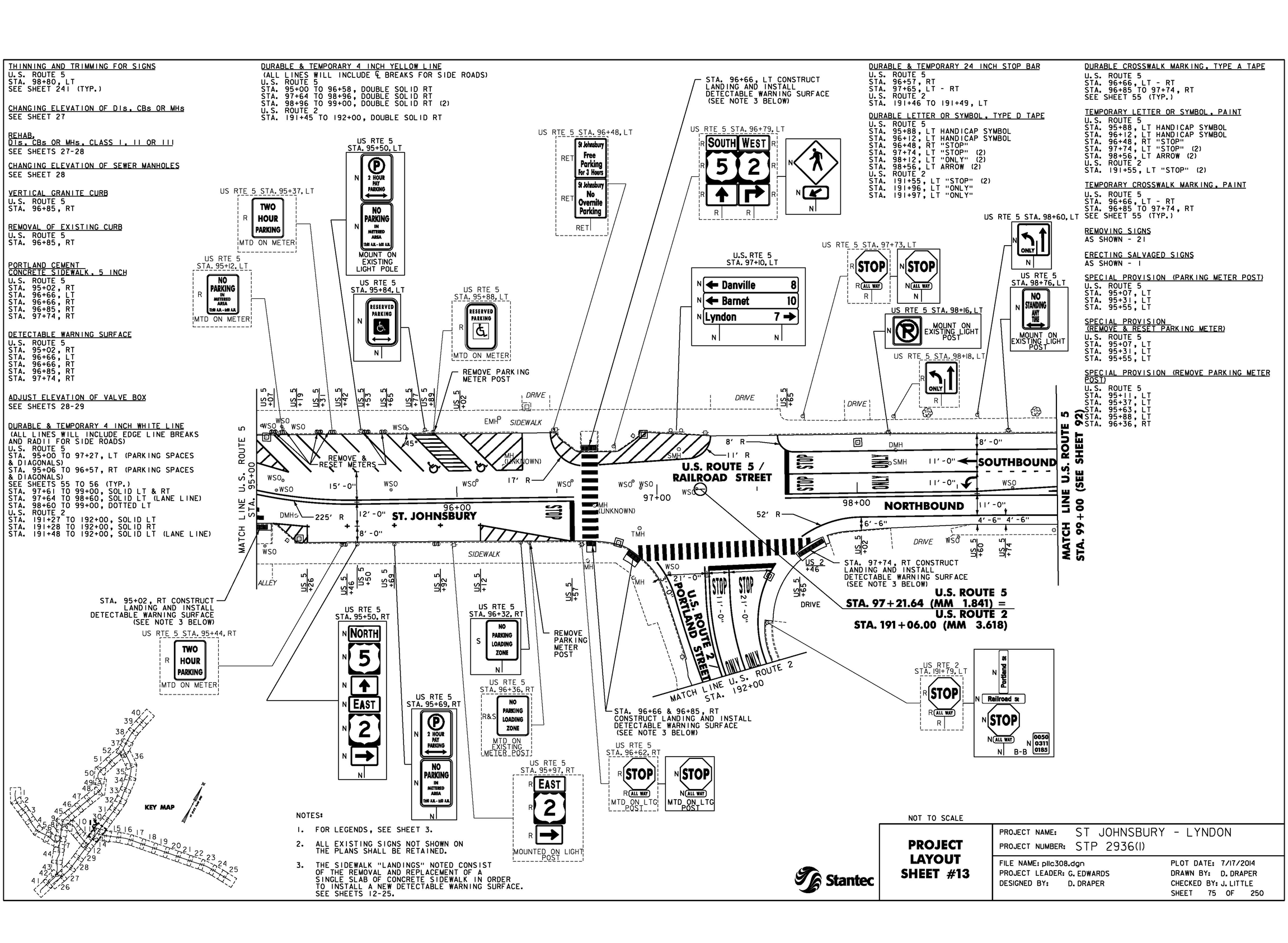
REMOVING SIGNS
AS SHOWN - 21

ERECTING SALVAGED SIGNS
AS SHOWN - 1

SPECIAL PROVISION (PARKING METER POST)
U.S. ROUTE 5
STA. 95+07, LT
STA. 95+31, LT
STA. 95+55, LT

SPECIAL PROVISION
(REMOVE & RESET PARKING METER)
U.S. ROUTE 5
STA. 95+07, LT
STA. 95+31, LT
STA. 95+55, LT

SPECIAL PROVISION (REMOVE PARKING METER POST)
U.S. ROUTE 5
STA. 95+11, LT
STA. 95+37, LT
STA. 95+63, LT
STA. 95+88, LT
STA. 96+36, RT



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #13

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

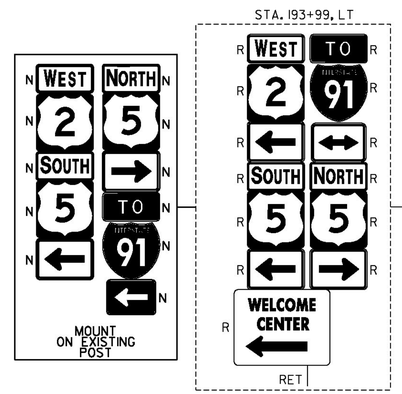
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 7/17/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 75 OF 250

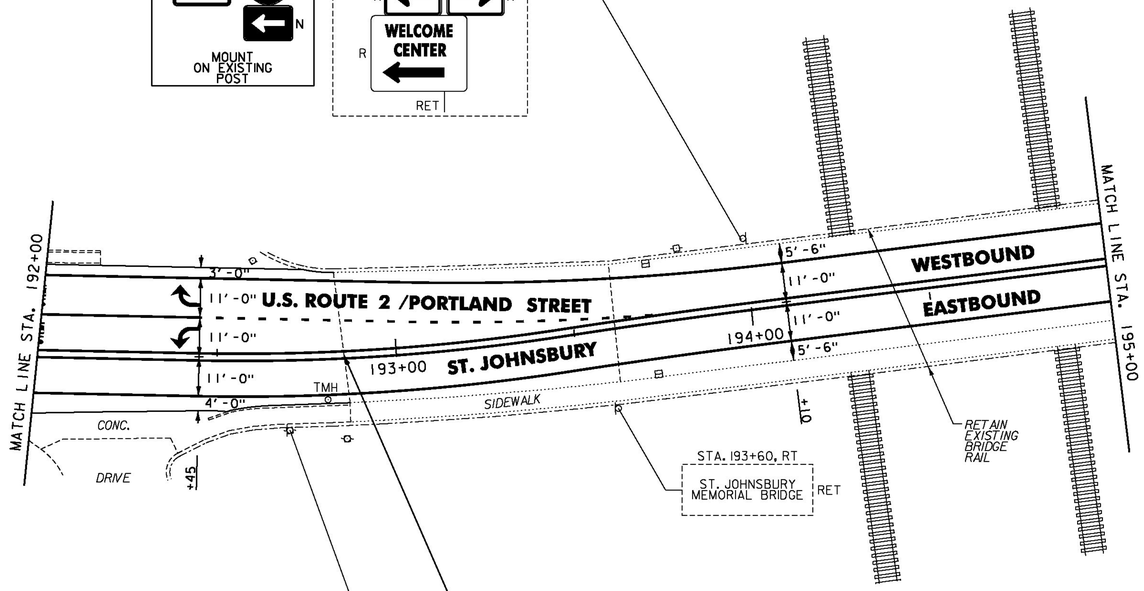
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 192+00 TO 195+00, SOLID LT & RT
STA. 192+00 TO 192+45, SOLID LT (LANE LINE)
STA. 192+45 TO 193+76, DOTTED LT

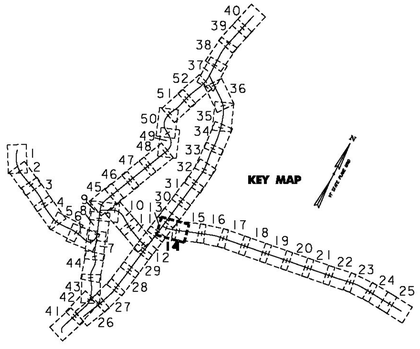
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 192+00 TO 195+00, SOLID LT & RT

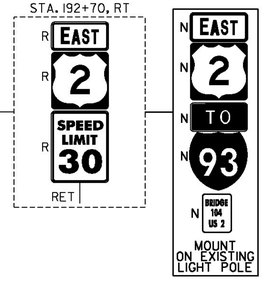
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 192+41, LT ARROWS (2)

REMOVING SIGNS
AS SHOWN - 16









NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #14

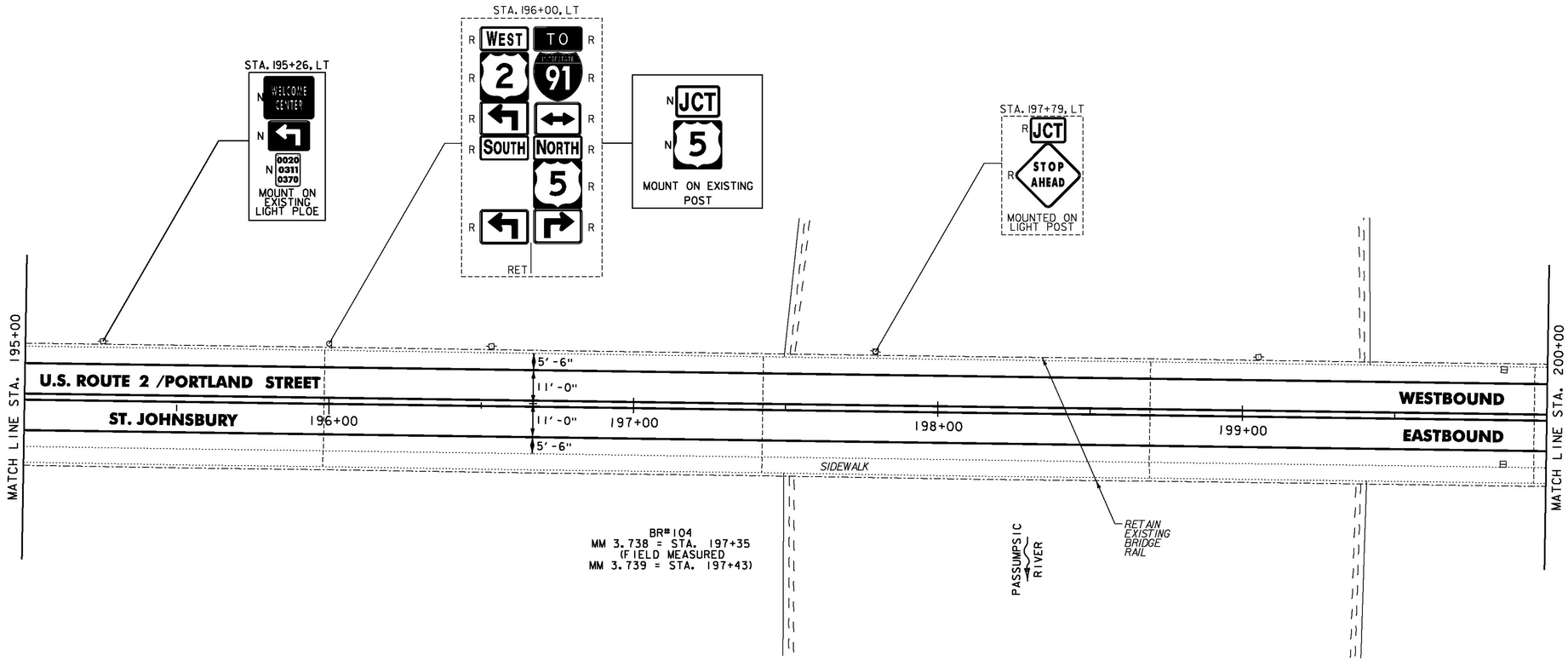
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

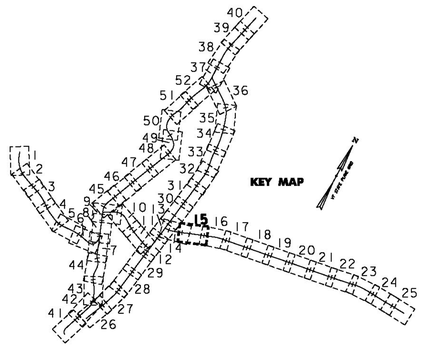
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 76 OF 250

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 195+00 TO 200+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 195+00 TO 200+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 13





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #15

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 77 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 201+96, RT
STA. 203+83, RT
STA. 204+67, RT

REMOVAL OF EXISTING CURB
STA. 201+96, RT
STA. 203+83, RT
STA. 204+67, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 201+96, RT
STA. 202+76, RT
STA. 203+83, RT
STA. 204+67, RT

DETECTABLE WARNING SURFACE
STA. 201+96, RT
STA. 202+76, RT
STA. 203+83, RT
STA. 204+67, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 200+00 TO 205+00, SOLID LT & RT
STA. 202+27, SOLID RT (EDGELINES, WASHINGTON AVE. TH-518)
STA. 203+86, SOLID LT (EDGELINES, WEEKS CT. TH-520)
STA. 204+26, SOLID RT (EDGELINES, CALEDONIA ST. TH-516)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 200+00 TO 205+00, DOUBLE SOLID LT
STA. 202+27, DOUBLE SOLID RT (WASHINGTON AVE. TH-518)
STA. 203+86, DOUBLE SOLID LT (WEEKS CT. TH-520)
STA. 204+26, DOUBLE SOLID RT (CALEDONIA ST. TH-516)

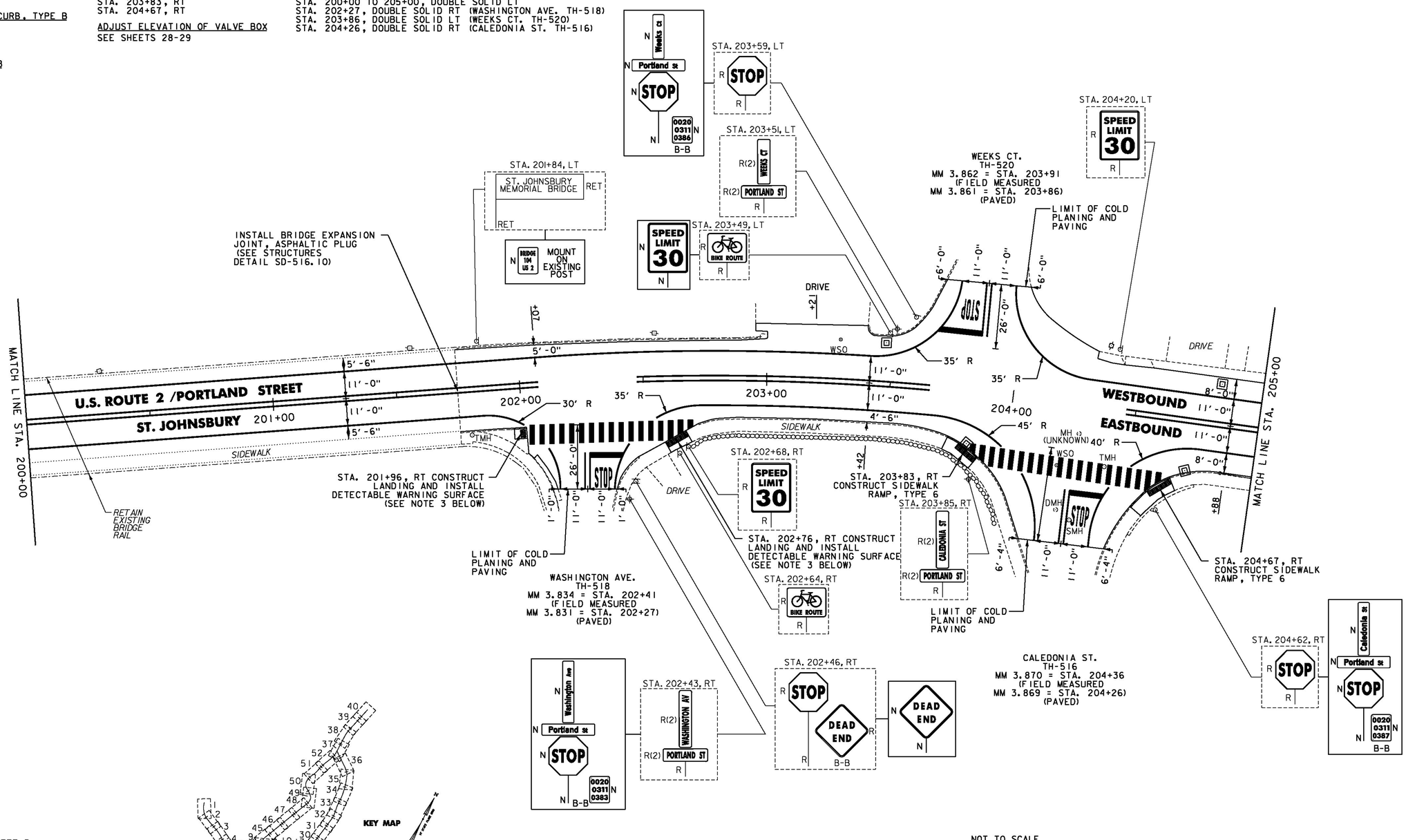
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 202+27, RT (WASHINGTON AVE. TH-518)
STA. 203+86, LT (WEEKS CT. TH-520)
STA. 204+26, RT (CALEDONIA ST. TH-516)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 202+27, RT "STOP" (WASHINGTON AVE. TH-518)
STA. 203+86, LT "STOP" (WEEKS CT. TH-520)
STA. 204+26, RT "STOP" (CALEDONIA ST. TH-516)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 202+27, RT (WASHINGTON AVE. TH-518)
STA. 203+86, RT (CALEDONIA ST. TH-516)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 202+27, RT (WASHINGTON AVE. TH-518)
STA. 204+26, RT (CALEDONIA ST. TH-516)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 20



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #16

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 78 OF 250

REHAB.
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 206+36, RT

REMOVAL OF EXISTING CURB
STA. 206+36, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 206+36, LT
STA. 206+36, RT
STA. 206+72, LT
STA. 209+36, RT
STA. 209+39, LT

DETECTABLE WARNING SURFACE
STA. 206+36, LT
STA. 206+36, RT
STA. 206+72, LT
STA. 209+36, RT
STA. 209+39, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 205+00 TO 210+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 205+00 TO 210+00, SOLID LT & RT
STA. 206+51, DOUBLE SOLID LT (ELM ST. TH-476)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 206+51, LT (ELM ST. TH-476)

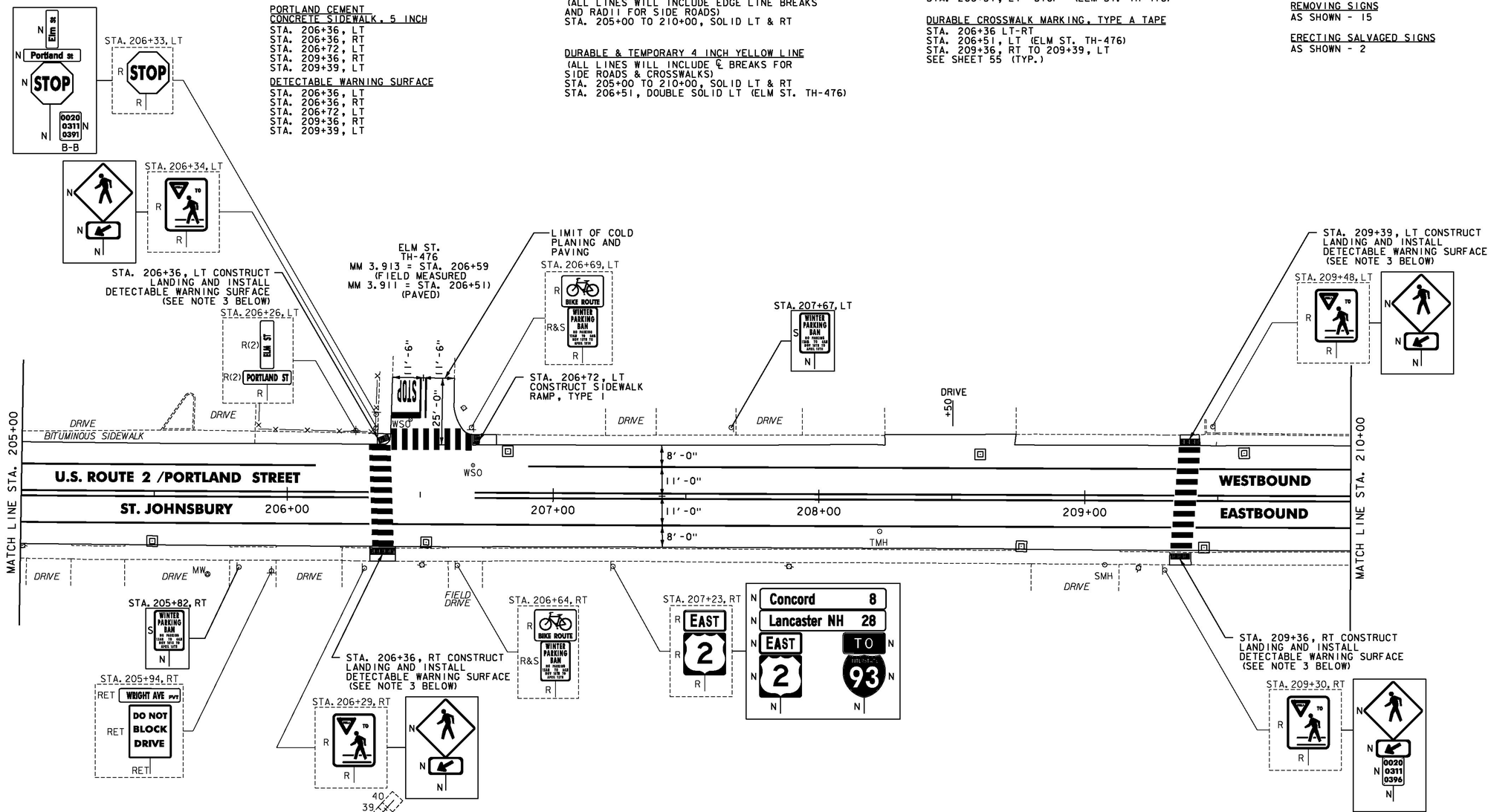
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 206+51, LT "STOP" (ELM ST. TH-476)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 206+36 LT-RT
STA. 206+51, LT (ELM ST. TH-476)
STA. 209+36, RT TO 209+39, LT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 206+36 LT-RT
STA. 206+51, LT (ELM ST. TH-476)
STA. 209+36, RT TO 209+39, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 15

ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #17

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 79 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

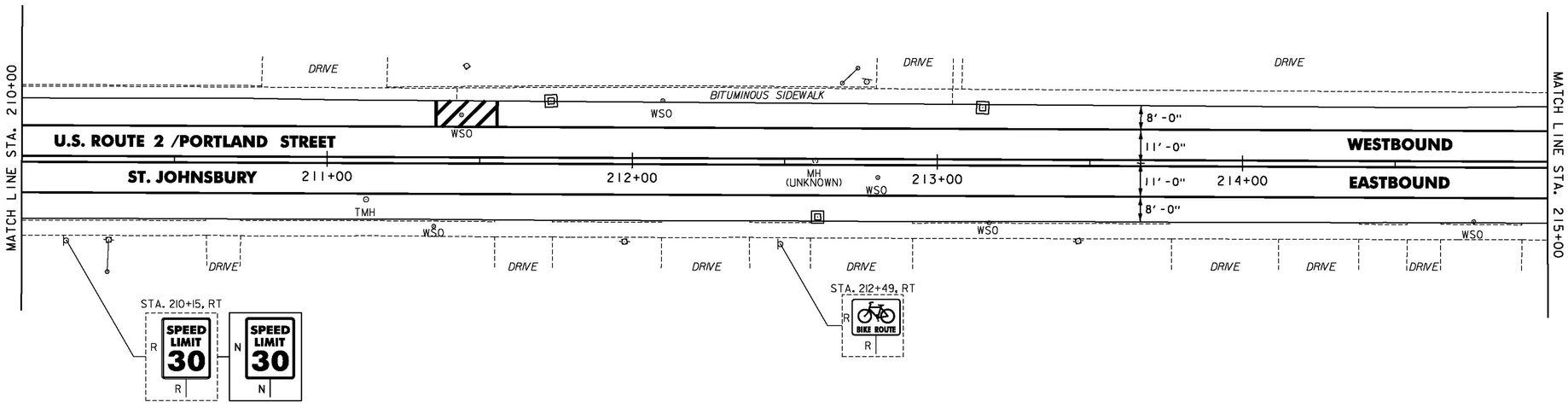
ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

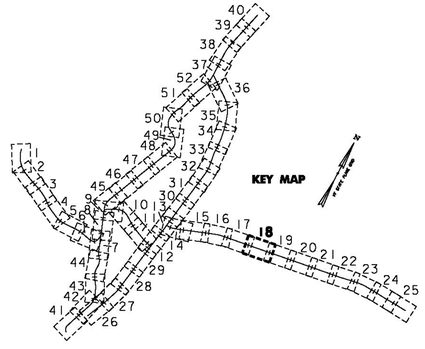
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 210+00 TO 215+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 210+00 TO 215+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 211+36 TO 211+56, LT (HYDRANT)
(SEE SHEET 55)

REMOVING SIGNS
AS SHOWN - 2





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #18

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 80 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 218+56, RT
SEE SHEET 241 (TYP.)
STA. 218+75, LT
STA. 219+75, LT

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 216+13, RT
STA. 216+42, RT

REMOVAL OF EXISTING CURB
STA. 216+13, RT
STA. 216+42, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 215+31, RT
STA. 215+33, LT
STA. 216+13, RT
STA. 216+42, RT
STA. 218+67, RT
STA. 218+67, LT

DETECTABLE WARNING SURFACE
STA. 215+31, RT
STA. 215+33, LT
STA. 216+13, RT
STA. 216+42, RT
STA. 218+67, RT
STA. 218+67, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 215+00 TO 220+00, SOLID LT & RT
STA. 219+65 TO 220+00, DOTTED RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 215+00 TO 218+72, SOLID LT & RT
STA. 217+48 TO 220+00, DOUBLE SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 216+00 TO 216+20, LT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 217+95 TO 220+00, LT (DIAGONALS)
SEE SHEET 55

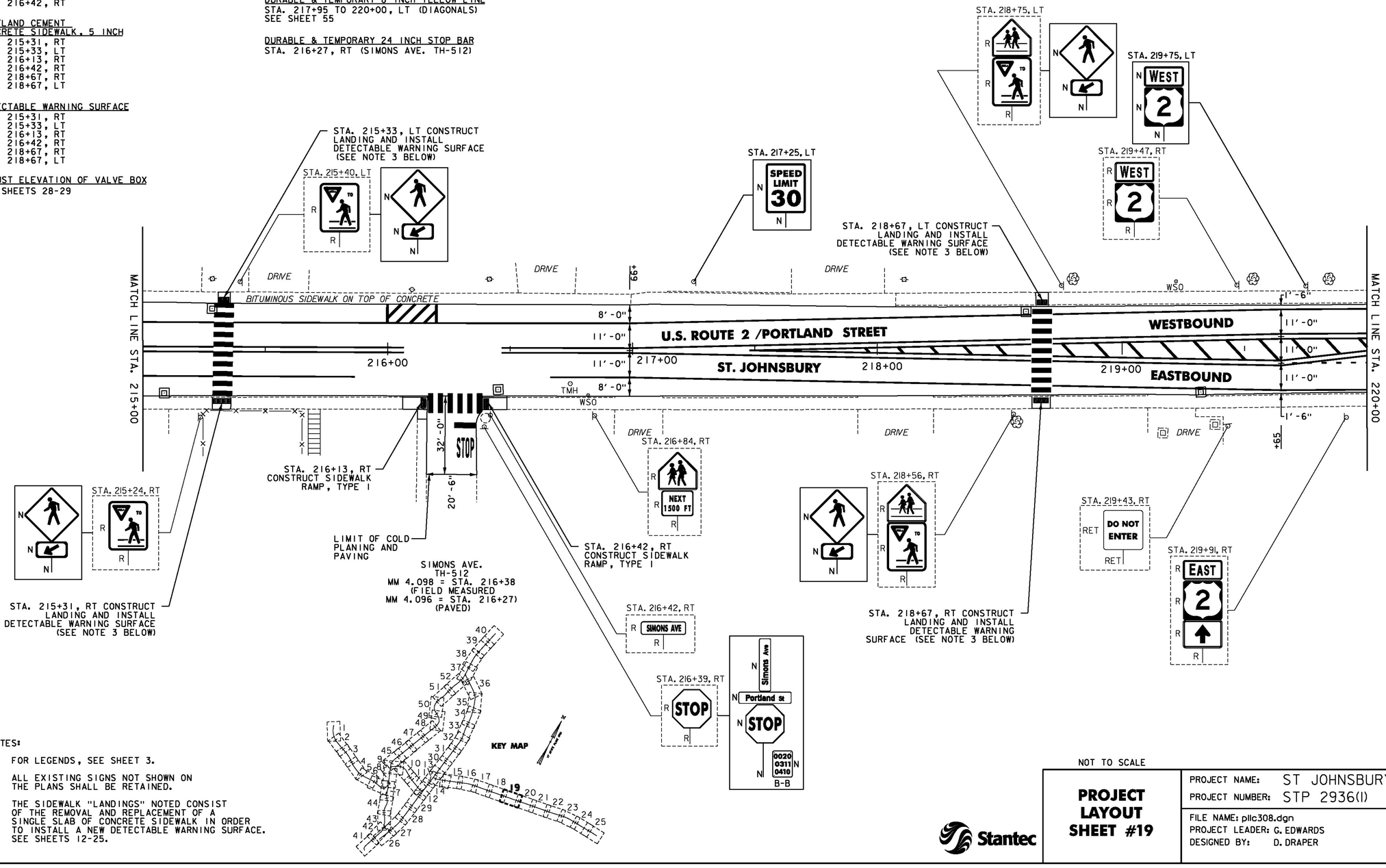
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 216+27, RT (SIMONS AVE. TH-512)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 216+27, RT "STOP" (SIMONS AVE. TH-512)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 215+31, RT TO 215+33, LT
STA. 216+27, RT (SIMONS AVE. TH-512)
STA. 218+67, LT-RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 215+31, RT TO 215+33, LT
STA. 216+27, RT (SIMONS AVE. TH-512)
STA. 218+67, LT-RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 15



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #19

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 81 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 221+77, RT
STA. 222+56, RT

REMOVAL OF EXISTING CURB
STA. 221+77, RT
STA. 222+56, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 220+14, LT
STA. 220+80, LT
STA. 221+00, LT
STA. 221+77, RT
STA. 221+77, LT
STA. 222+56, RT

DETECTABLE WARNING SURFACE
STA. 220+14, LT
STA. 220+80, LT
STA. 221+00, LT
STA. 221+77, RT
STA. 221+77, LT
STA. 222+56, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 220+00 TO 225+00, SOLID LT & RT
STA. 221+72, SOLID LT (EDGELINES, CONCORD AVE.)
STA. 220+00 TO 220+65, DOTTED RT
STA. 220+65 TO 221+27, SOLID RT (LANE LINE)
STA. 222+59 TO 223+09, SOLID LT (LANE LINE)
STA. 223+09 TO 224+09, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 220+00 TO 220+65, DOUBLE SOLID LT & RT
STA. 220+65 TO 221+17, DOUBLE SOLID LT
STA. 221+72, DOUBLE SOLID LT (CONCORD AVE.)
STA. 221+89, DOUBLE SOLID RT (CONCORD AVE.)
STA. 222+57 TO 223+09, DOUBLE SOLID RT
STA. 223+09 TO 225+00, DOUBLE SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 221+72, SOLID LT (GORE) (CONCORD AVE.)
SEE SHEET 55

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 220+00 TO 220+47, LT (DIAGONALS)
STA. 223+31 TO 224+87, LT & RT (DIAGONALS)
SEE SHEET 55

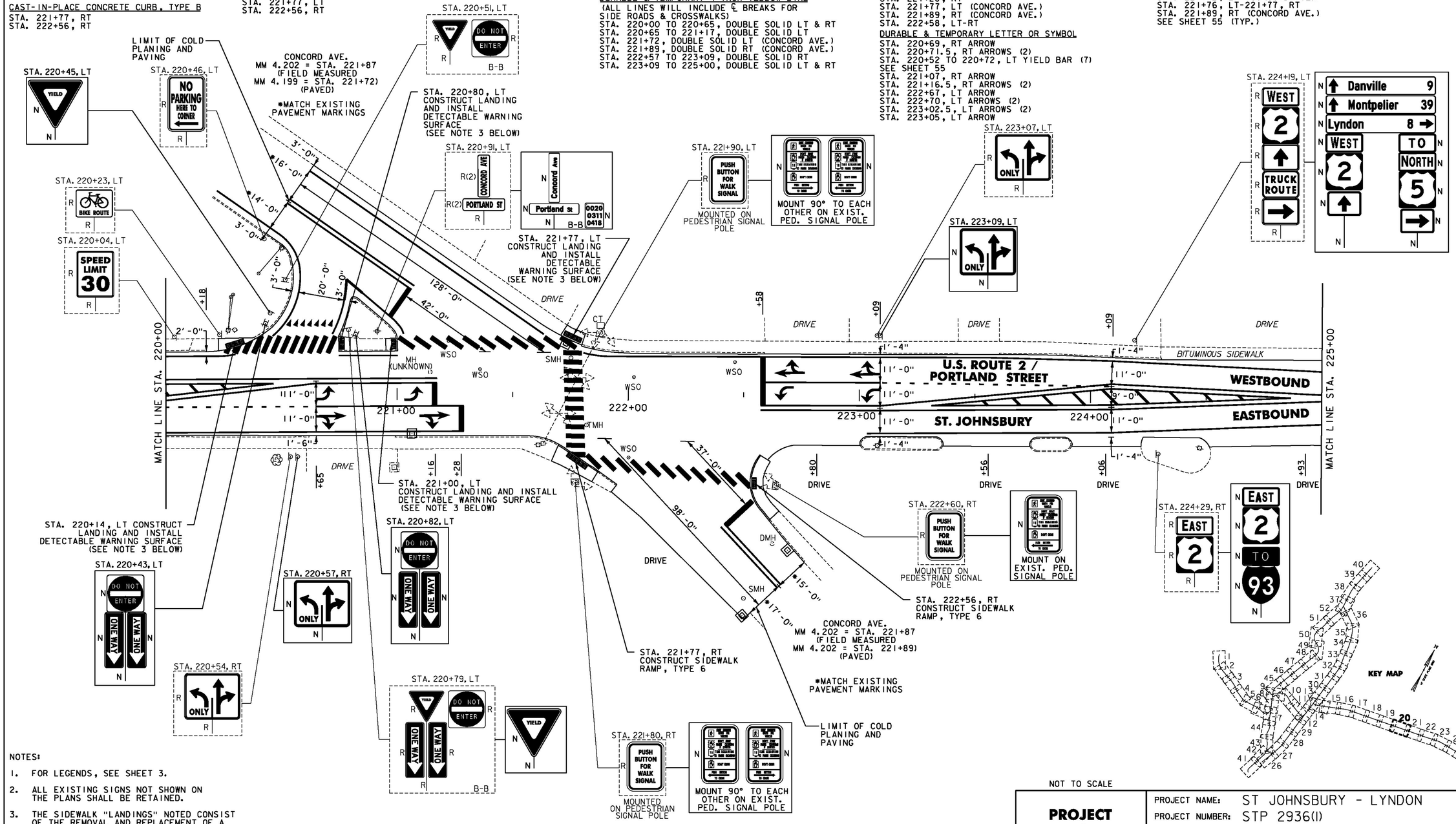
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 221+16, LT-RT
STA. 221+28, RT
STA. 221+77, LT (CONCORD AVE.)
STA. 221+89, RT (CONCORD AVE.)
STA. 222+58, LT-RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 220+69, RT ARROW
STA. 220+71.5, RT ARROWS (2)
STA. 220+52 TO 220+72, LT YIELD BAR (7)
SEE SHEET 55
STA. 221+07, RT ARROW
STA. 221+16.5, RT ARROWS (2)
STA. 222+67, LT ARROW
STA. 222+70, LT ARROWS (2)
STA. 223+02.5, LT ARROWS (2)
STA. 223+05, LT ARROW

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 220+25 TO 220+74, LT
STA. 221+72, LT (CONCORD AVE.)
STA. 221+76, LT-221+77, RT
STA. 221+89, RT (CONCORD AVE.)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 220+25 TO 220+74, LT
STA. 221+72, LT (CONCORD AVE.)
STA. 221+76, LT-221+77, RT
STA. 221+89, RT (CONCORD AVE.)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 25



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEET 242 FOR TRAFFIC SIGNAL DETAILS.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #20

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 82 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 226+38, LT

DETECTABLE WARNING SURFACE
STA. 226+38, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 225+00 TO 230+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 225+00 TO 230+00, SOLID LT & RT
STA. 226+58, DOUBLE SOLID LT (ELY ST. TH-486)

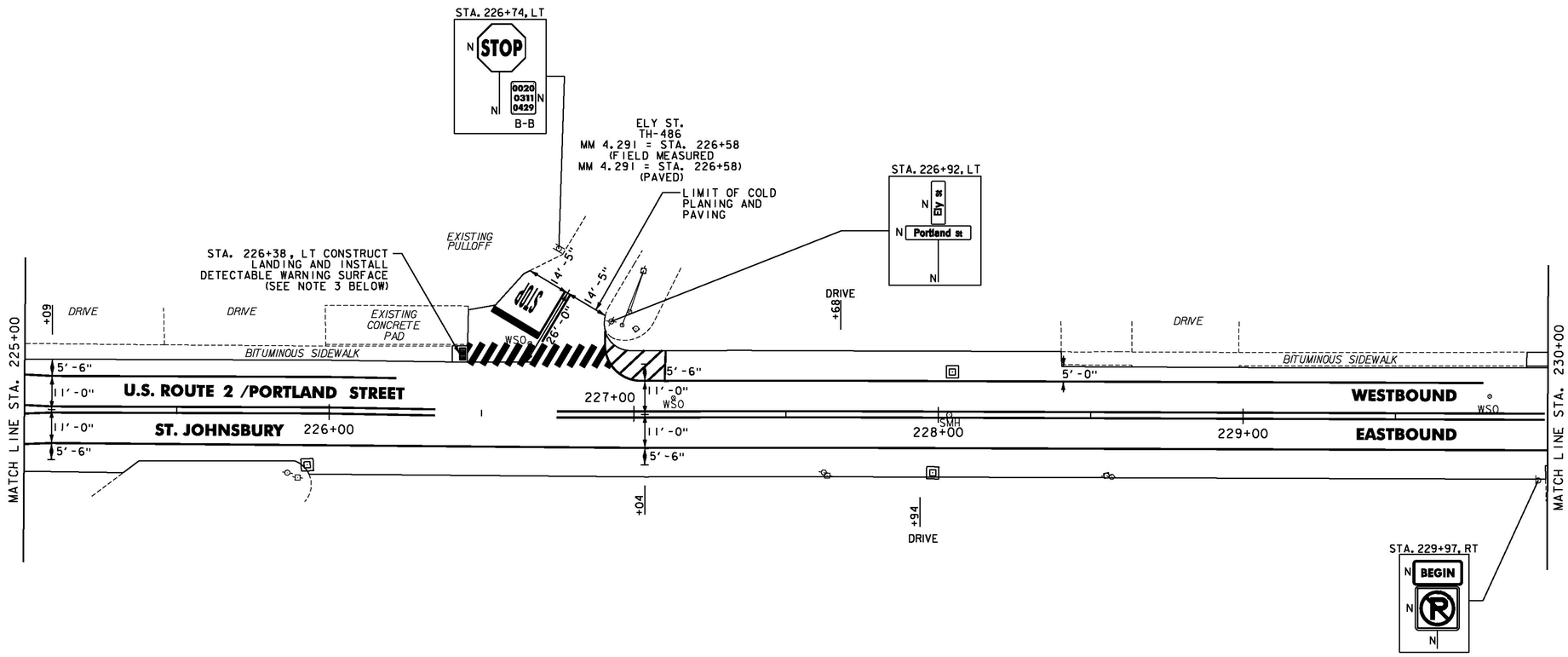
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 226+91 TO 227+11, SOLID LT (HYDRANT)
SEE SHEET 55

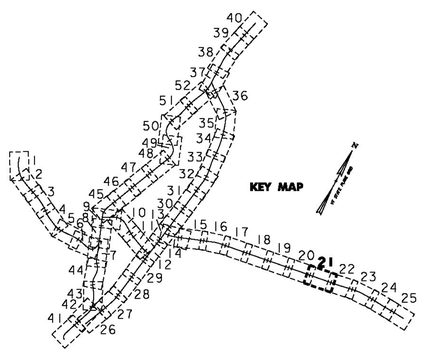
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 226+58, LT (ELY ST. TH-486)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 226+58, LT "STOP" (ELY ST. TH-486)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 226+58, LT (ELY ST. TH-486)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 226+58, LT (ELY ST. TH-486)
SEE SHEET 55 (TYP.)





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #21

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 83 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 230+00, LT
STA. 231+60, RT

REMOVAL OF EXISTING CURB
STA. 230+00, LT
STA. 231+60, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 230+00, LT
STA. 231+60, RT

DETECTABLE WARNING SURFACE
STA. 230+00, LT
STA. 231+60, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 230+00 TO 235+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 230+00 TO 235+00, SOLID LT & RT
STA. 230+08, DOUBLE SOLID LT (STATE ST. TH-485)
STA. 231+46, DOUBLE SOLID RT (LINCOLN ST. TH-498)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 230+08, LT (STATE ST. TH-485)
STA. 231+46, RT (LINCOLN ST. TH-498)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 230+08, LT "STOP" (STATE ST. TH-485)
STA. 231+46, RT "STOP" (LINCOLN ST. TH-498)

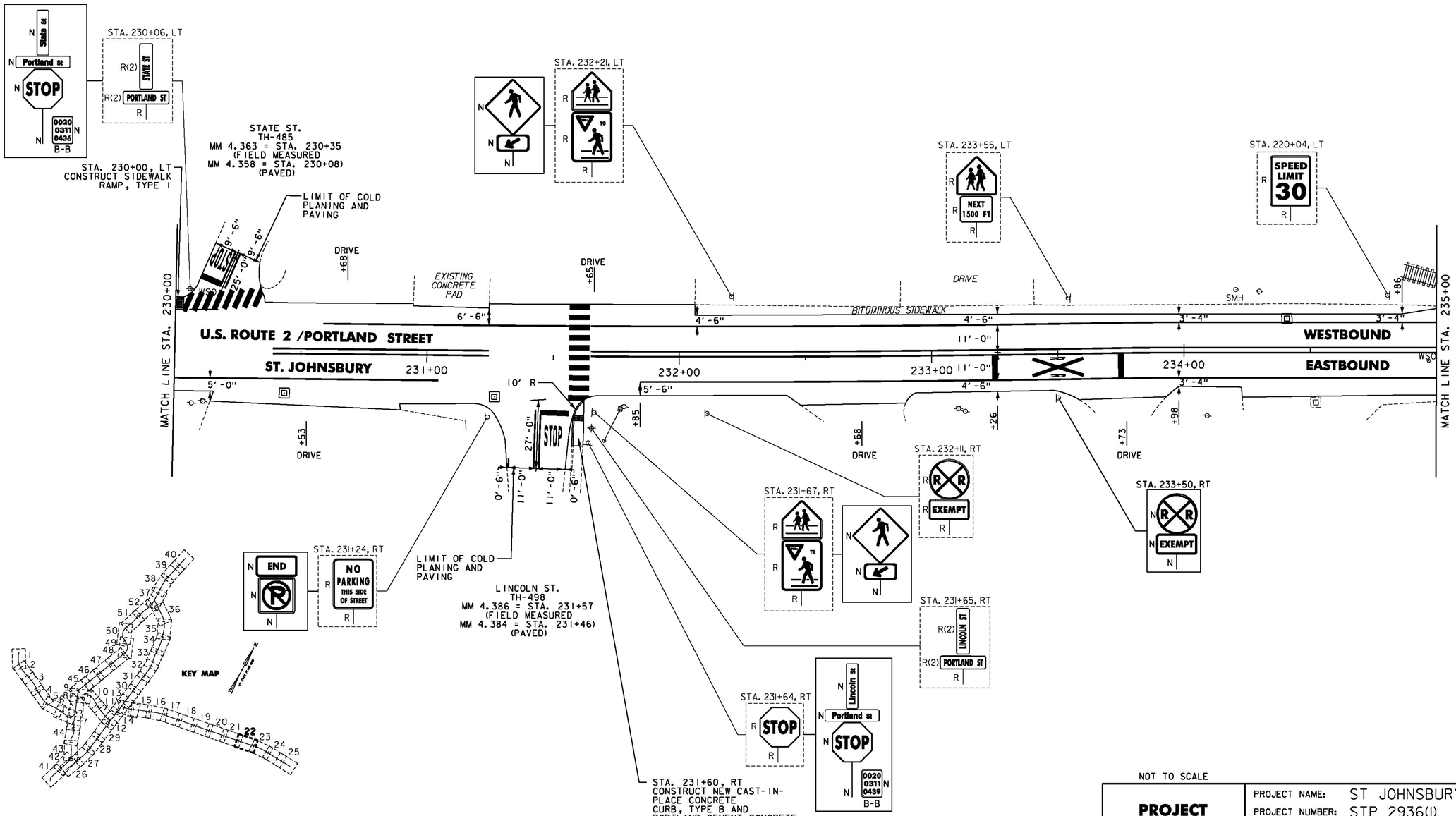
DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 230+08, LT (STATE ST. TH-485)
STA. 231+60, LT-RT
SEE SHEET 55 (TYP.)

DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 233+50, RT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 230+08, LT (STATE ST. TH-485)
STA. 231+60, LT-RT
SEE SHEET 55 (TYP.)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 233+50, RT

REMOVING SIGNS
AS SHOWN - 19



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #22

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 84 OF 250

REHAB,
Dis. CBs OR MHs., CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 239+17, LT

DETECTABLE WARNING SURFACE
STA. 239+17, LT

SPECIAL PROVISION (ALUMINUM APPROACH RAILING)
STA. 237+49.0 TO 237+74.0, LT
STA. 237+45.0 TO 237+70.0, RT
STA. 238+37.0 TO 238+62.0, RT
STA. 238+40.0 TO 238+65.0, LT

STEEL BEAM GUARDRAIL GALVANIZED
STA. 237+32.5 TO 237+45.0, RT
STA. 238+62.0 TO 238+74.5, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 237+32.5, RT
STA. 238+74.5, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 237+47 TO 237+74, LT
STA. 237+57 TO 237+70, RT
STA. 238+37 TO 238+62, RT
STA. 238+40 TO 238+52.5, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 235+00 TO 240+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 235+00 TO 240+00, SOLID LT & RT
STA. 239+39, DOUBLE SOLID LT (ASSISQUA AVE. TH-490)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 239+39, LT (ASSISQUA AVE. TH-490)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 239+39, LT "STOP" (ASSISQUA AVE. TH-490)

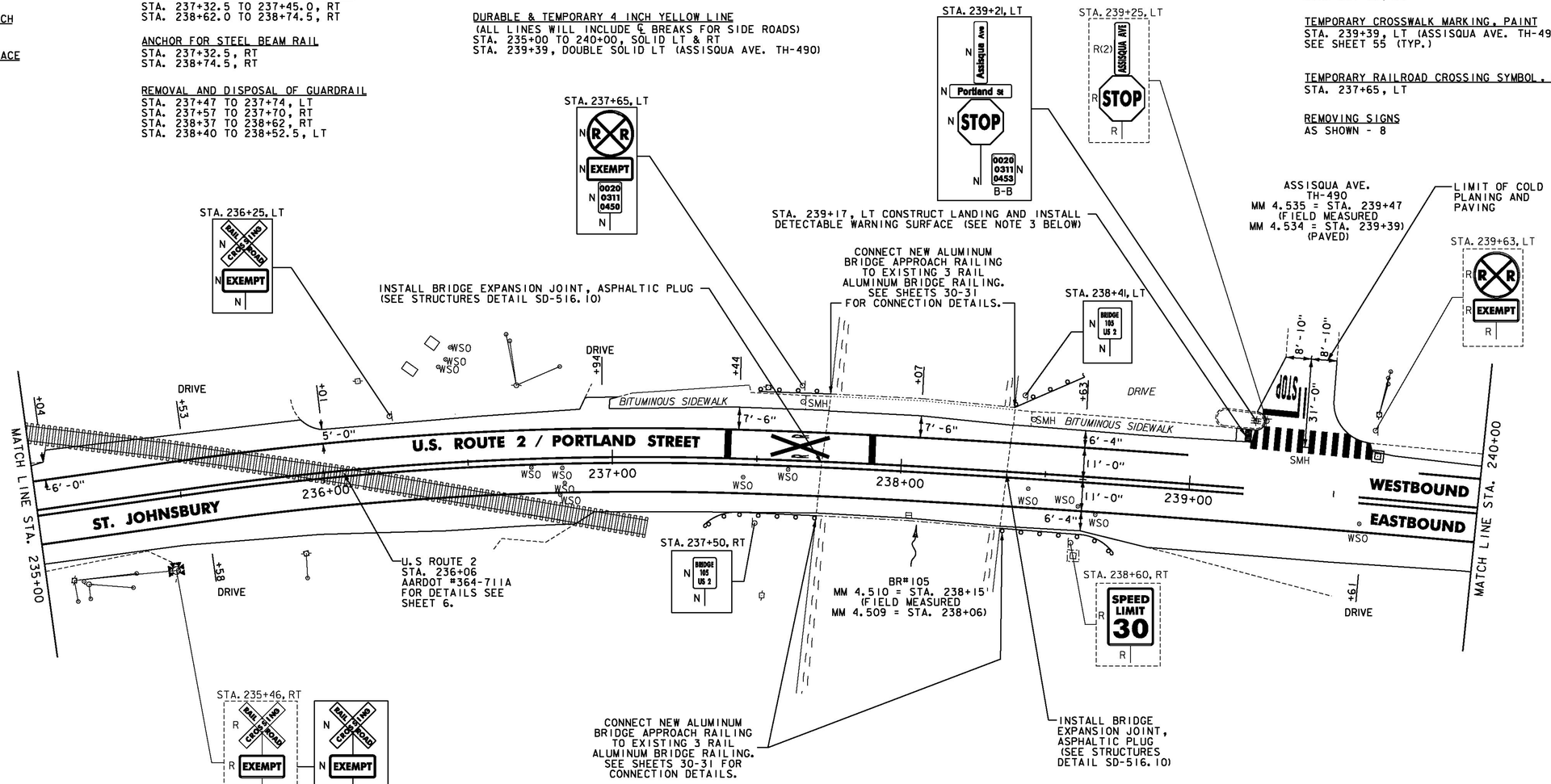
DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 239+39, LT (ASSISQUA AVE. TH-490)
SEE SHEET 55 (TYP.)

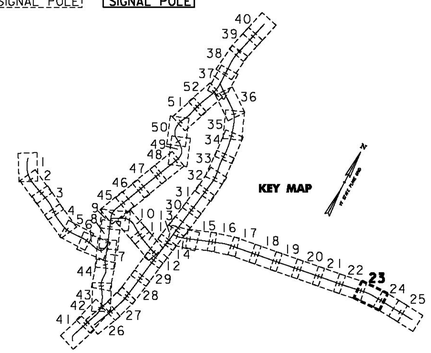
DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 237+65, LT

TEMPORARY CROSSWALK MARKING, PAINT
STA. 239+39, LT (ASSISQUA AVE. TH-490)
SEE SHEET 55 (TYP.)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 237+65, LT

REMOVING SIGNS
AS SHOWN - 8





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #23

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 85 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 241+53, LT
STA. 241+93, LT

DETECTABLE WARNING SURFACE
STA. 241+53, LT
STA. 241+93, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 240+00 TO 245+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 240+00 TO 245+00, SOLID LT & RT
STA. 241+72, DOUBLE SOLID LT (DUKE ST. TH-492)

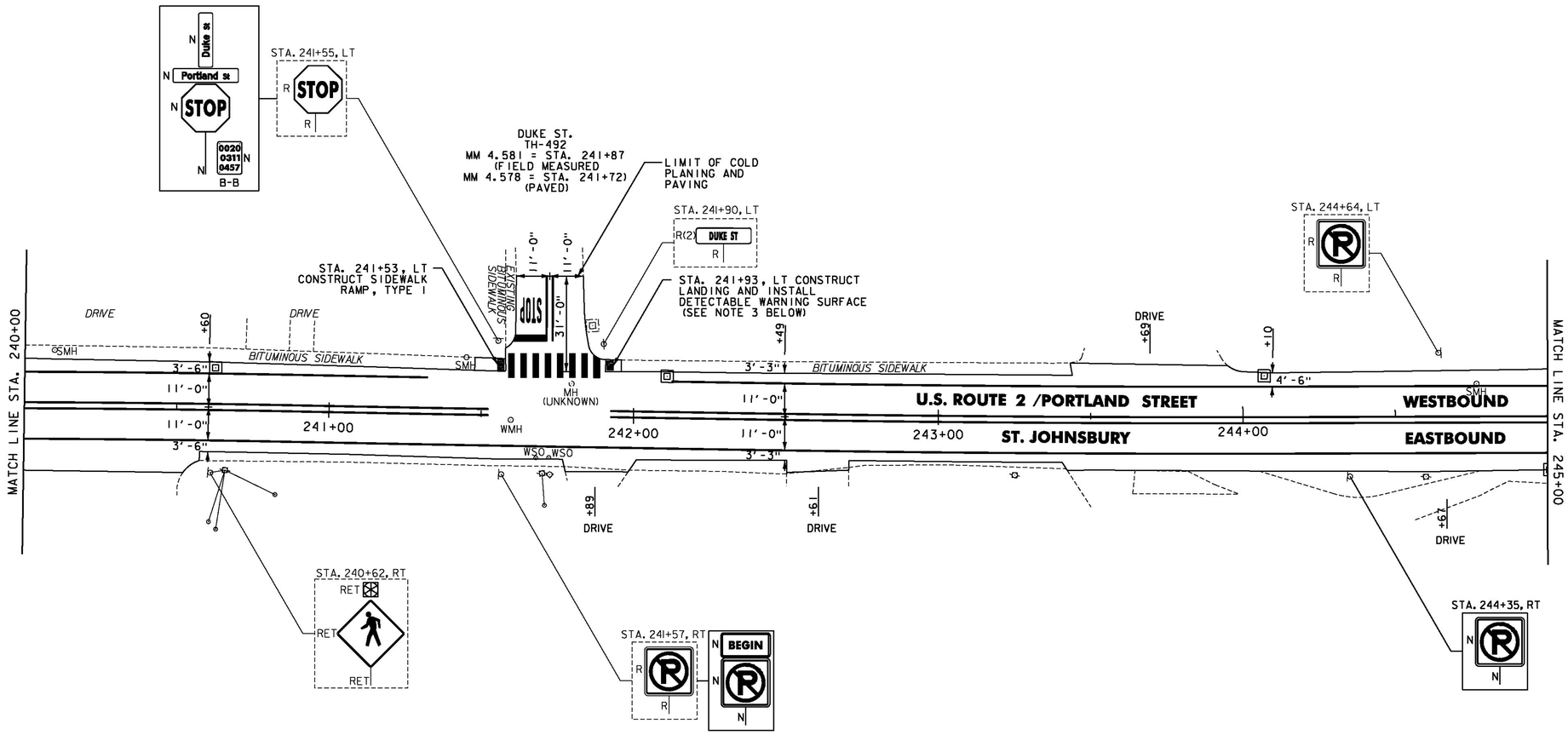
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 241+72, LT (DUKE ST. TH-492)

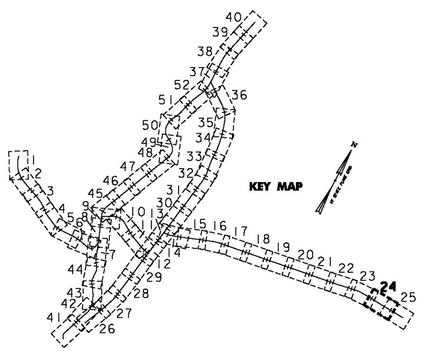
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 241+72, LT "STOP" (DUKE ST. TH-492)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 241+72, LT (DUKE ST. TH-492)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 241+72, LT (DUKE ST. TH-492)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 5





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #24

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 86 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 245+70, LT
STA. 245+88, RT

DETECTABLE WARNING SURFACE
STA. 245+70, LT
STA. 245+88, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 245+00 TO 248+10.72, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 245+00 TO 248+10.72, SOLID LT & RT
STA. 247+00, DOUBLE SOLID LT (SNELL RD. TH-494)

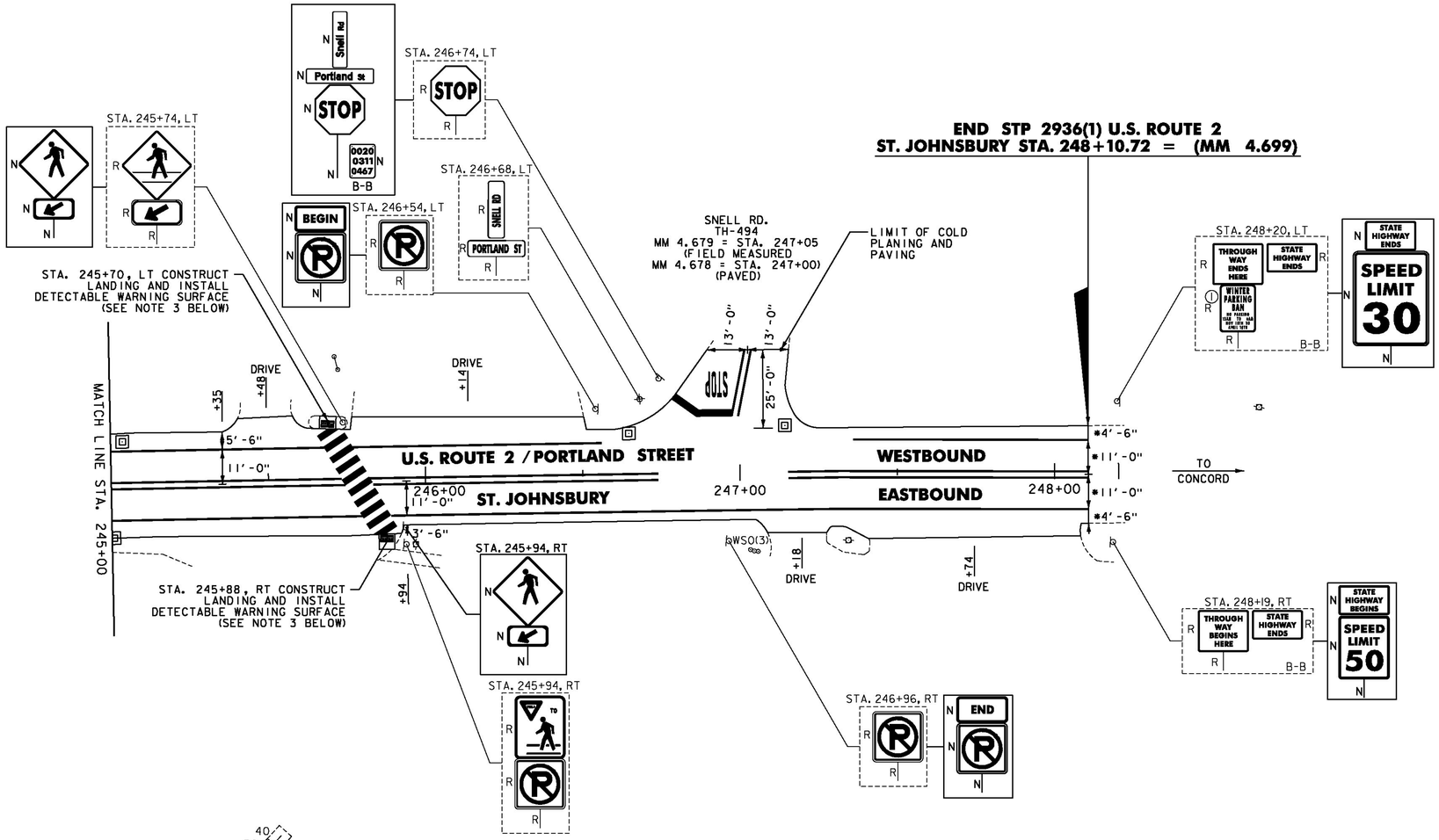
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 247+00, LT (SNELL RD. TH-494)

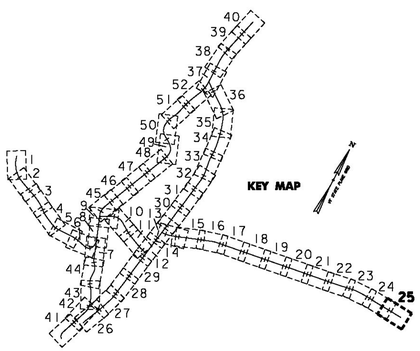
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 247+00, LT "STOP" (SNELL RD. TH-494)

DURABLE CROSSWALK MARKING, TYPE D TAPE
STA. 245+70, LT TO 245+88, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 245+70, LT TO 245+88, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 14





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #25

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 87 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 70+59.36 TO 75+00, SOLID LT & RT

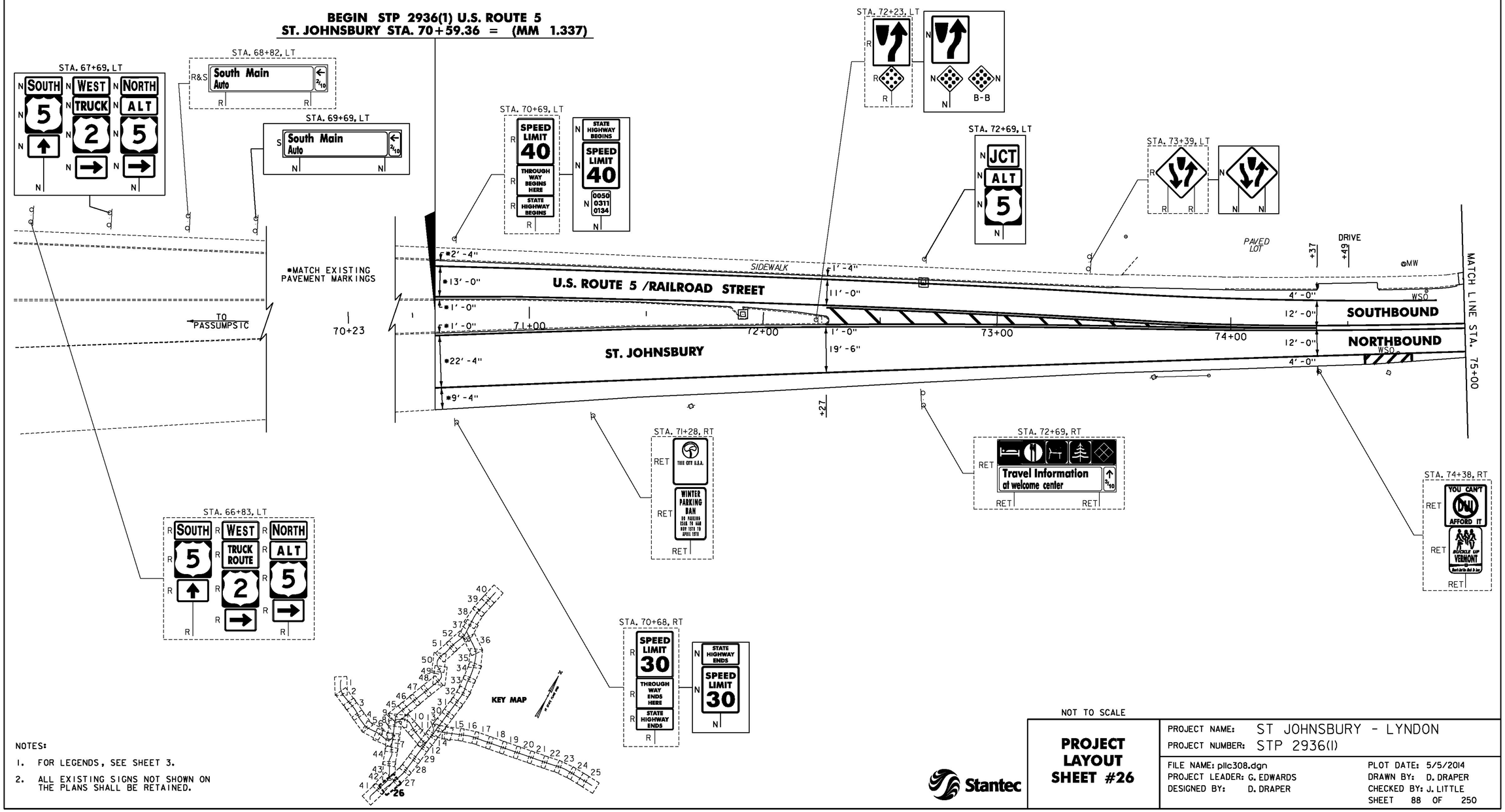
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 70+59.36 TO 72+27, SOLID LT & RT
STA. 72+27 TO 74+37, DOUBLE SOLID LT & RT
STA. 74+37 TO 75+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 74+57 TO 74+77, RT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 72+27 TO 74+37, LT & RT (DIAGONALS)
SEE SHEET 55

REMOVING SIGNS
AS SHOWN - 21

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #26

PROJECT NAME: ST JOHNSBURY - LYNDON	
PROJECT NUMBER: STP 2936(1)	
FILE NAME: pllc308.dgn	PLOT DATE: 5/5/2014
PROJECT LEADER: G. EDWARDS	DRAWN BY: D. DRAPER
DESIGNED BY: D. DRAPER	CHECKED BY: J. LITTLE
	SHEET 88 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 75+90, LT

REMOVAL OF EXISTING CURB
STA. 75+90, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 75+00, LT
STA. 75+90, LT
STA. 79+05, LT

DETECTABLE WARNING SURFACE
STA. 75+00, LT
STA. 75+90, LT
STA. 79+05, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 75+00 TO 80+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 75+00 TO 80+00, SOLID LT & RT
STA. 75+11, DOUBLE SOLID LT (PEARL ST. TH-372)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 79+86 TO 80+00, LT (HYDRANT)
SEE SHEET 55

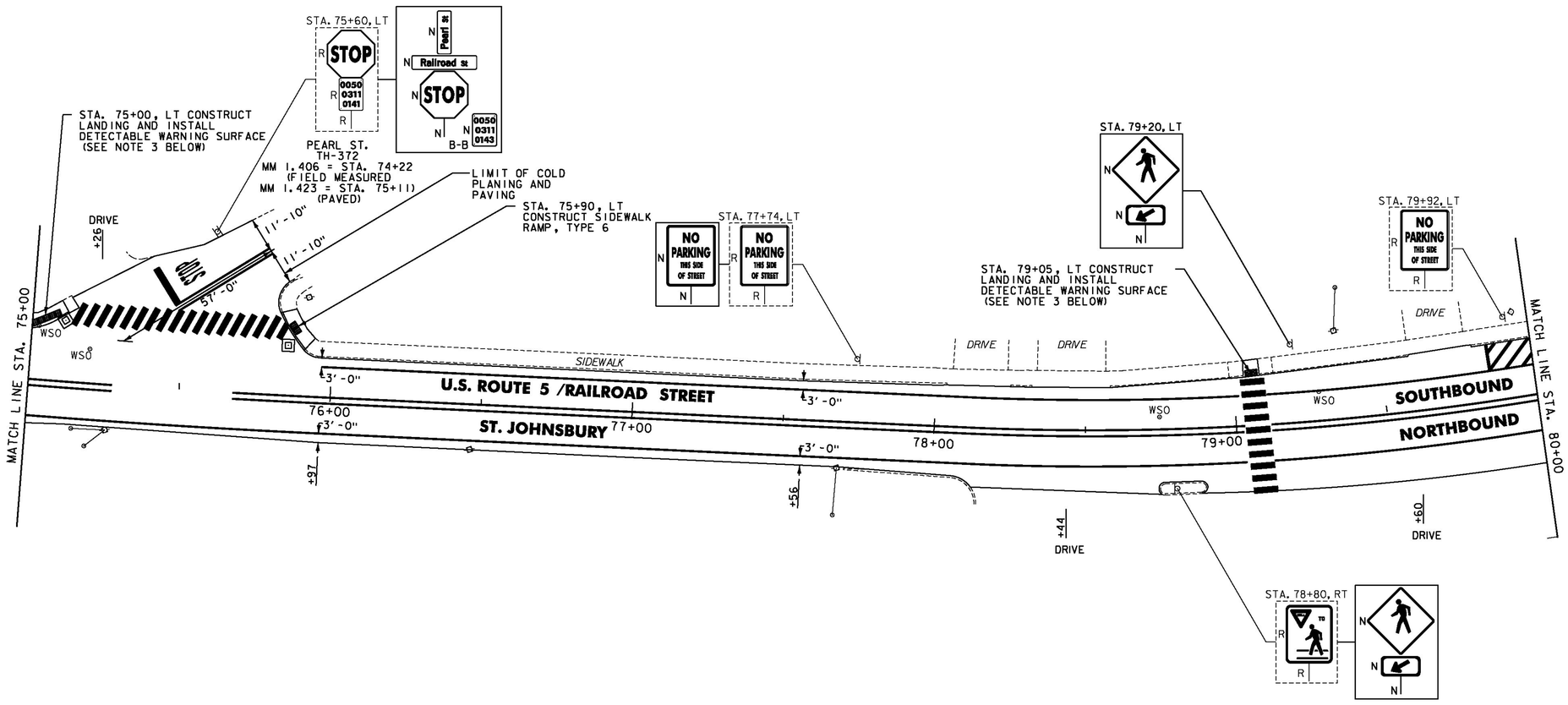
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 75+11, LT (PEARL ST. TH-372)

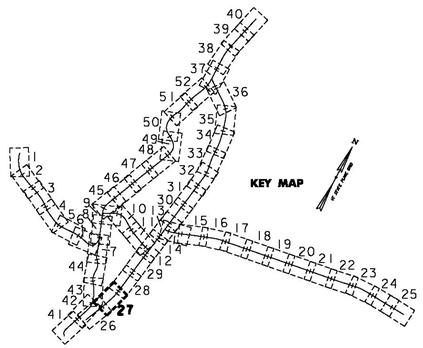
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 75+11, LT "STOP" (PEARL ST. TH-372)

DURABLE CROSSWALK MARKING, TYPE D TAPE
STA. 75+11, LT (PEARL ST. TH-372)
STA. 79+06, LT TO 79+08, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 75+11, LT (PEARL ST. TH-372)
STA. 79+06, LT TO 79+08, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 5





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #27

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 89 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

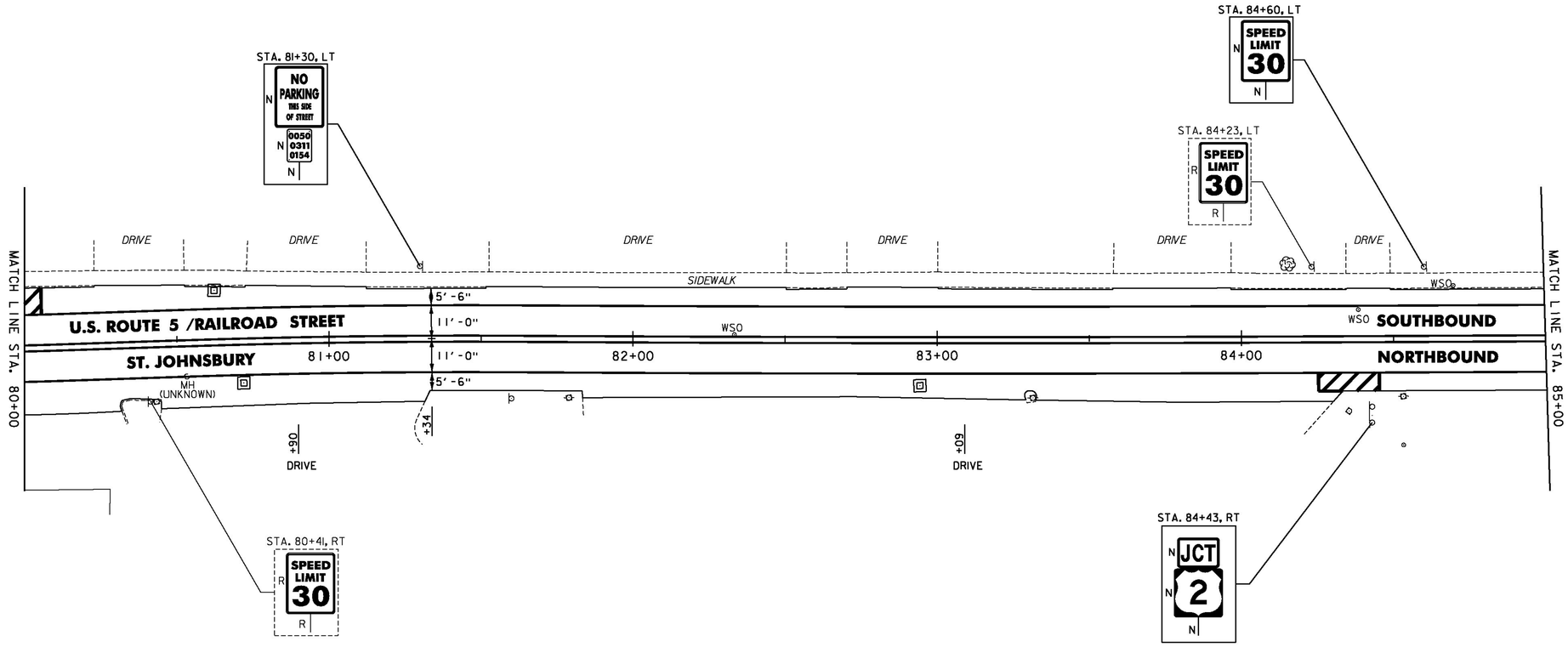
ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

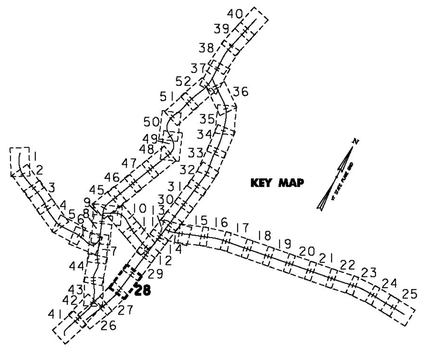
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
STA. 80+00 TO 85+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 80+00 TO 85+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 80+00 TO 80+06, LT (HYDRANT)
STA. 84+25 TO 84+45, RT (HYDRANT)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 2





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #28

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 90 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 88+65, LT
SEE SHEET 241 (TYP.)

REHAB,
Dis. CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGE ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 85+48, LT
STA. 85+81, LT

REMOVAL OF EXISTING CURB
STA. 85+48, LT
STA. 85+81, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 85+48, LT
STA. 85+81, LT
STA. 88+53, RT
STA. 88+53, LT

DETECTABLE WARNING SURFACE
STA. 85+48, LT
STA. 85+81, LT
STA. 88+53, RT
STA. 88+53, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 85+00 TO 88+52, SOLID RT
STA. 85+00 TO 89+89, SOLID LT
STA. 88+36, SOLID RT (EDGELINES, DEPOT SQ. TH-544)
STA. 88+52 TO 89+52, DOTTED RT
STA. 88+76 TO 90+00, RT (PARKING SPACES & DIAGONOLS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 89+52 TO 90+00, SOLID RT (LANE LINE)
STA. 89+89 TO 90+00, LT (PARKING SPACES)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 85+00 TO 87+52, SOLID LT & RT
STA. 85+64, DOUBLE SOLID LT (FEDERAL ST. TH-376)
STA. 87+52 TO 89+52, DOUBLE SOLID RT (2)
STA. 88+36, DOUBLE SOLID RT (DEPOT SQ. TH-544)
STA. 89+52 TO 90+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 87+78 TO 89+27, RT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 85+64, LT (FEDERAL ST. TH-376)
STA. 88+36, RT (DEPOT SQ. TH-544.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 85+64, LT "STOP" (FEDERAL ST. TH-376)
STA. 88+36, RT "STOP" (DEPOT SQ. TH-544)
STA. 89+56, RT ARROW (2)

DURABLE CROSSWALK MARKING, TYPE D TAPE
STA. 85+64, LT (FEDERAL ST. TH-376)
STA. 88+51, LT TO 88+52, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 85+64, LT (FEDERAL ST. TH-376)
STA. 88+51, LT TO 88+52, RT
SEE SHEET 55 (TYP.)

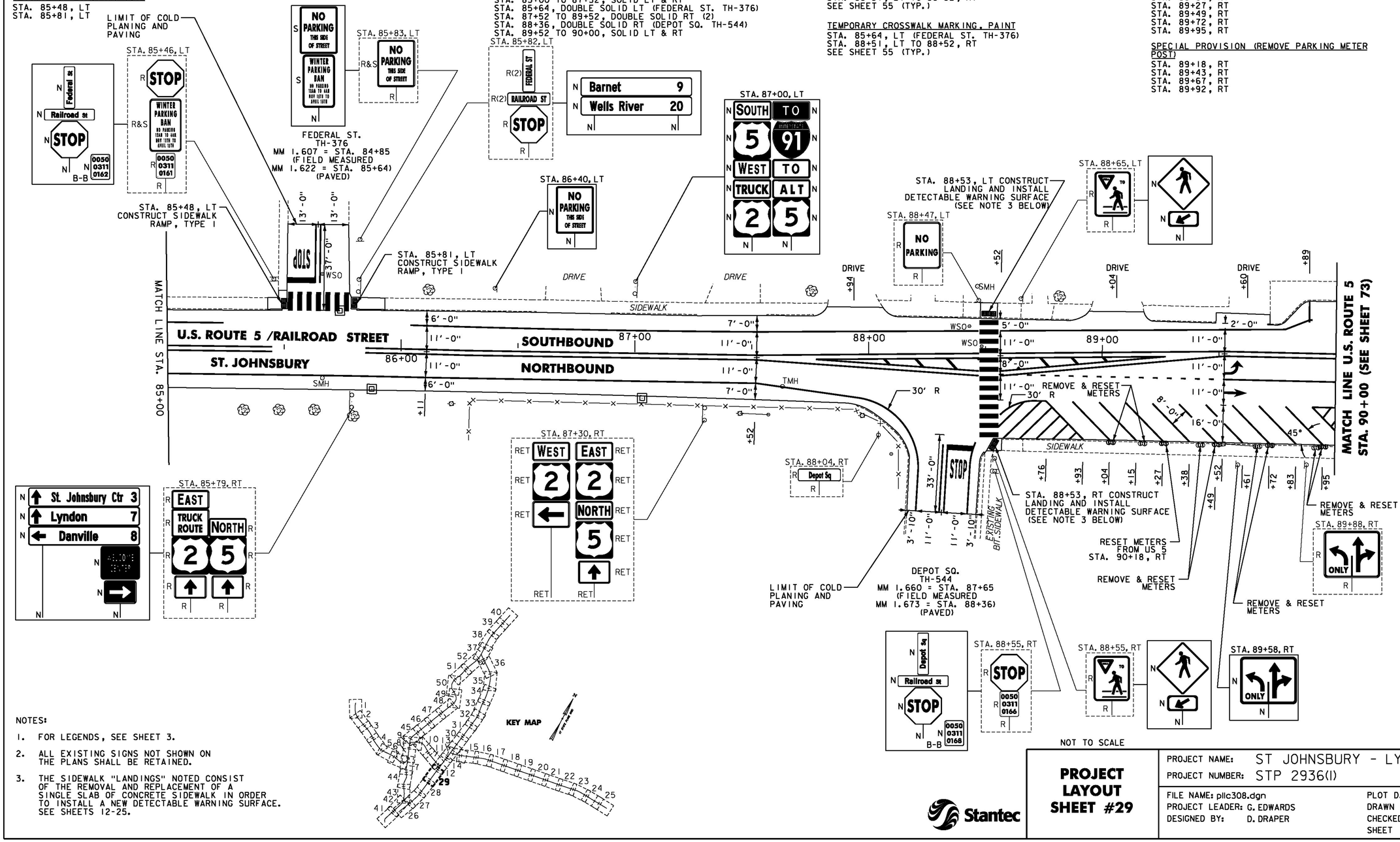
REMOVING SIGNS
AS SHOWN - 23

ERECTING SALVAGED SIGNS
AS SHOWN - 2

SPECIAL PROVISION (PARKING METER POST)
STA. 89+04, RT
STA. 89+27, RT
STA. 89+49, RT
STA. 89+72, RT
STA. 89+95, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 89+04, RT
STA. 89+27, RT
STA. 89+49, RT
STA. 89+72, RT
STA. 89+95, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 89+18, RT
STA. 89+43, RT
STA. 89+67, RT
STA. 89+92, RT



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

Stantec

PROJECT LAYOUT SHEET #29

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 91 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 99+46, LT
STA. 99+83, LT
STA. 101+77, RT
STA. 101+77, LT

REMOVING AND RESETTING CURB
STA. 99+46, LT

REMOVAL OF EXISTING CURB
STA. 99+46, LT
STA. 99+83, LT
STA. 101+77, RT
STA. 101+77, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 99+46, LT
STA. 99+47, RT
STA. 99+83, LT
STA. 101+77, RT
STA. 101+77, LT

DETECTABLE WARNING SURFACE
STA. 99+46, LT
STA. 99+47, RT
STA. 99+83, LT
STA. 101+77, RT
STA. 101+77, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 99+00 TO 99+23, SOLID LT
STA. 99+00 TO 99+41, DOTTED LT
STA. 99+00 TO 101+08, SOLID RT
STA. 99+83 TO 100+25, DOTTED LT
STA. 99+83 TO 101+31, LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 101+08 TO 103+92, RT (PARKING SPACES & DIAGONALS)
STA. 101+44 TO 104+00, SOLID LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 99+00 TO 99+41, DOUBLE SOLID RT (2)
STA. 99+56, DOUBLE SOLID LT (MAPLE ST.)
STA. 99+83 TO 100+90, DOUBLE SOLID LT
STA. 99+84 TO 100+90, DOUBLE SOLID RT
STA. 100+90 TO 104+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 99+00 TO 99+41, RT (DIAGONALS)
STA. 99+83 TO 100+90, LT & RT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 99+56, LT (MAPLE ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 99+56, LT "STOP" (MAPLE ST.)
STA. 101+20, RT HANDICAP SYMBOL
STA. 101+41, RT HANDICAP SYMBOL

DURABLE CROSSWALK MARKING, TYPE D TAPE
STA. 99+47, LT - RT
STA. 99+56, LT (MAPLE ST.)
STA. 101+76, RT TO 101+78, LT
SEE SHEET 55 (TYP.)

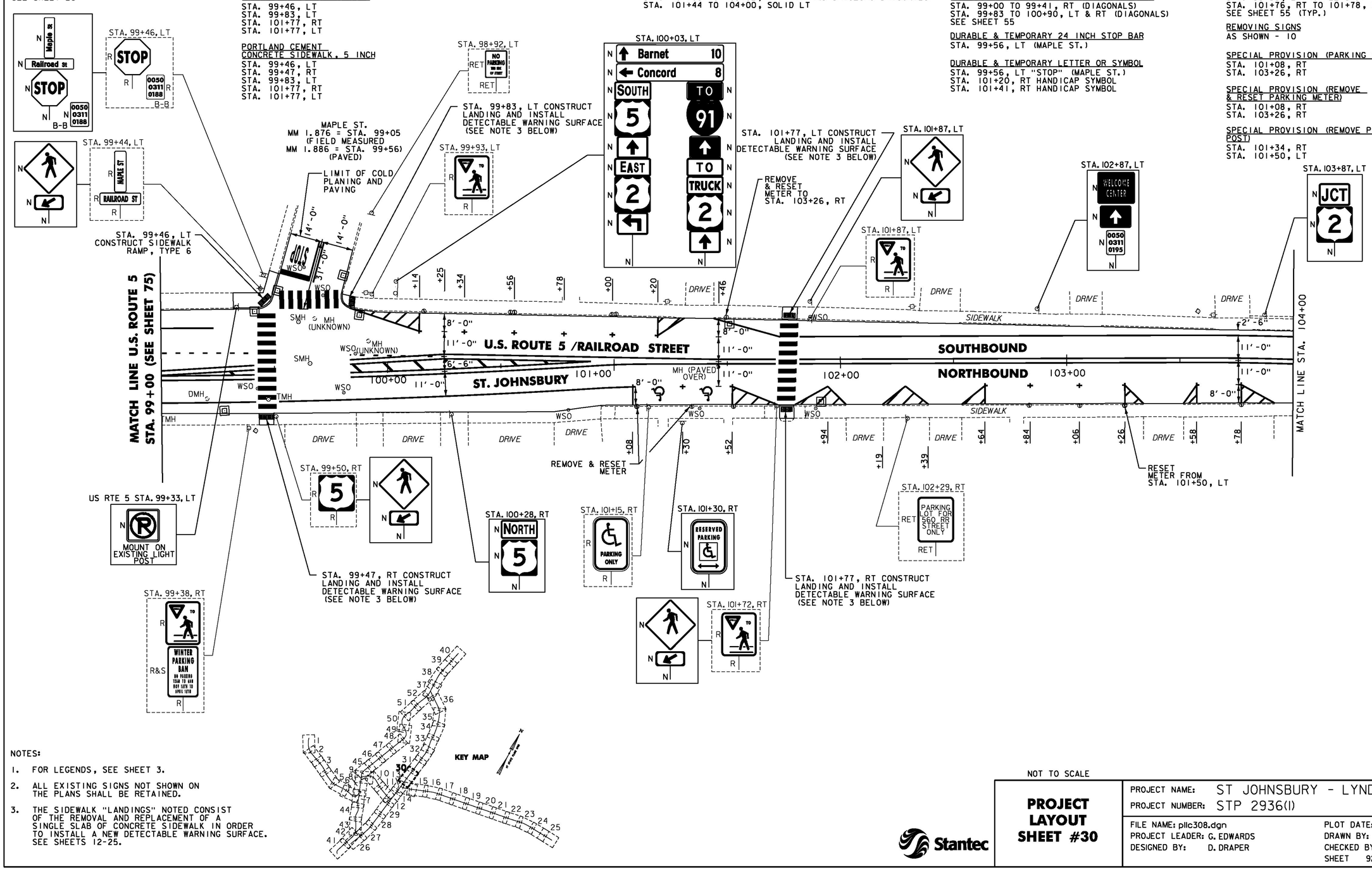
TEMPORARY CROSSWALK MARKING, PAINT
STA. 99+47, LT - RT
STA. 99+56, LT (MAPLE ST.)
STA. 101+76, RT TO 101+78, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 10

SPECIAL PROVISION (PARKING METER POST)
STA. 101+08, RT
STA. 103+26, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 101+08, RT
STA. 103+26, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 101+34, RT
STA. 101+50, LT



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #30

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 92 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 106+19, RT
SEE SHEET 241 (TYP.)

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 104+83, LT
STA. 105+13, LT

REMOVAL OF EXISTING CURB
STA. 104+83, LT
STA. 105+13, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 104+83, LT
STA. 105+13, LT

DETECTABLE WARNING SURFACE
STA. 104+83, LT
STA. 105+13, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 104+00 TO 109+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 104+00 TO 109+00, SOLID LT & RT
STA. 104+99, DOUBLE SOLID LT (BAGLEY ST. TH-394)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 108+13 TO 108+33, RT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 104+99, LT (BAGLEY ST. TH-394)

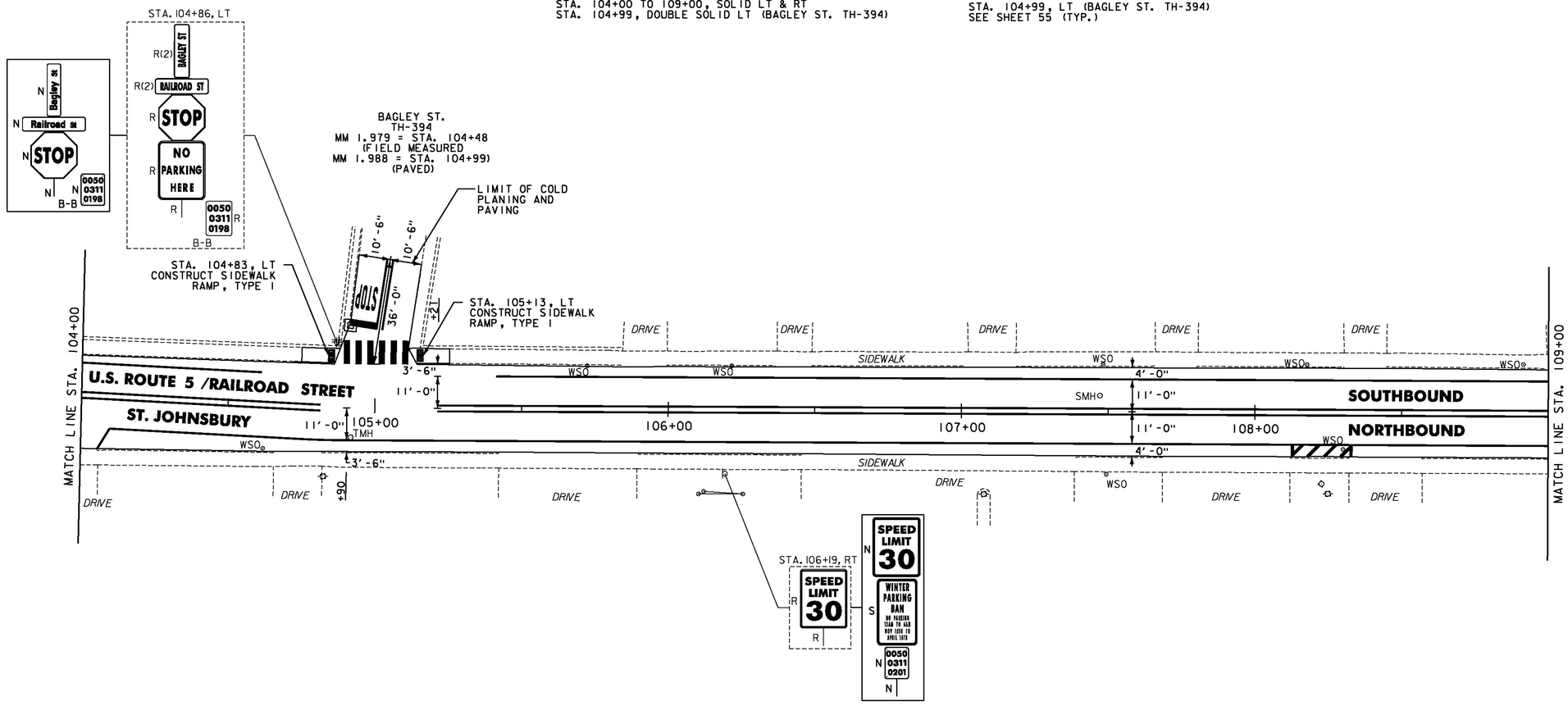
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 104+99, LT "STOP" (BAGLEY ST. TH-394)

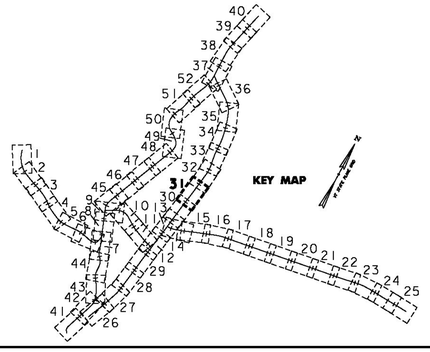
DURABLE CROSSWALK MARKING, TYPE D TAPE
STA. 104+99, LT (BAGLEY ST. TH-394)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 104+99, LT (BAGLEY ST. TH-394)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 1





NOTES:
1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #31

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 93 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

VERTICAL GRANITE CURB
STA. 112+79, RT (MILL ST. TH-470)

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 111+13, RT
STA. 111+31, LT

REMOVING AND RESETTING CURB
STA. 112+79, RT (MILL ST. TH-470)

REMOVAL OF EXISTING CURB
STA. 111+13, RT
STA. 111+31, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 112+79, RT (MILL ST. TH-470)
STA. 112+97, RT (MILL ST. TH-470)
(FOR DETAILS, SEE SHEET 57)
STA. 111+13, RT
STA. 111+31, LT

DETECTABLE WARNING SURFACE
STA. 112+79, RT (MILL ST. TH-470)
STA. 112+97, RT (MILL ST. TH-470)
STA. 111+13, RT
STA. 111+31, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

RAILROAD CROSSING SYMBOL
STA. 114+35, RT (MILL ST. TH-470)

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 109+00 TO 113+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 109+00 TO 113+00, SOLID LT & RT
STA. 110+93, DOUBLE SOLID RT (MILL ST. TH-470)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 110+93, RT (MILL ST. TH-470)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 110+93, RT "STOP" (MILL ST. TH-470)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 111+14, RT - 111+31, LT
SEE SHEET 55 (TYP.)

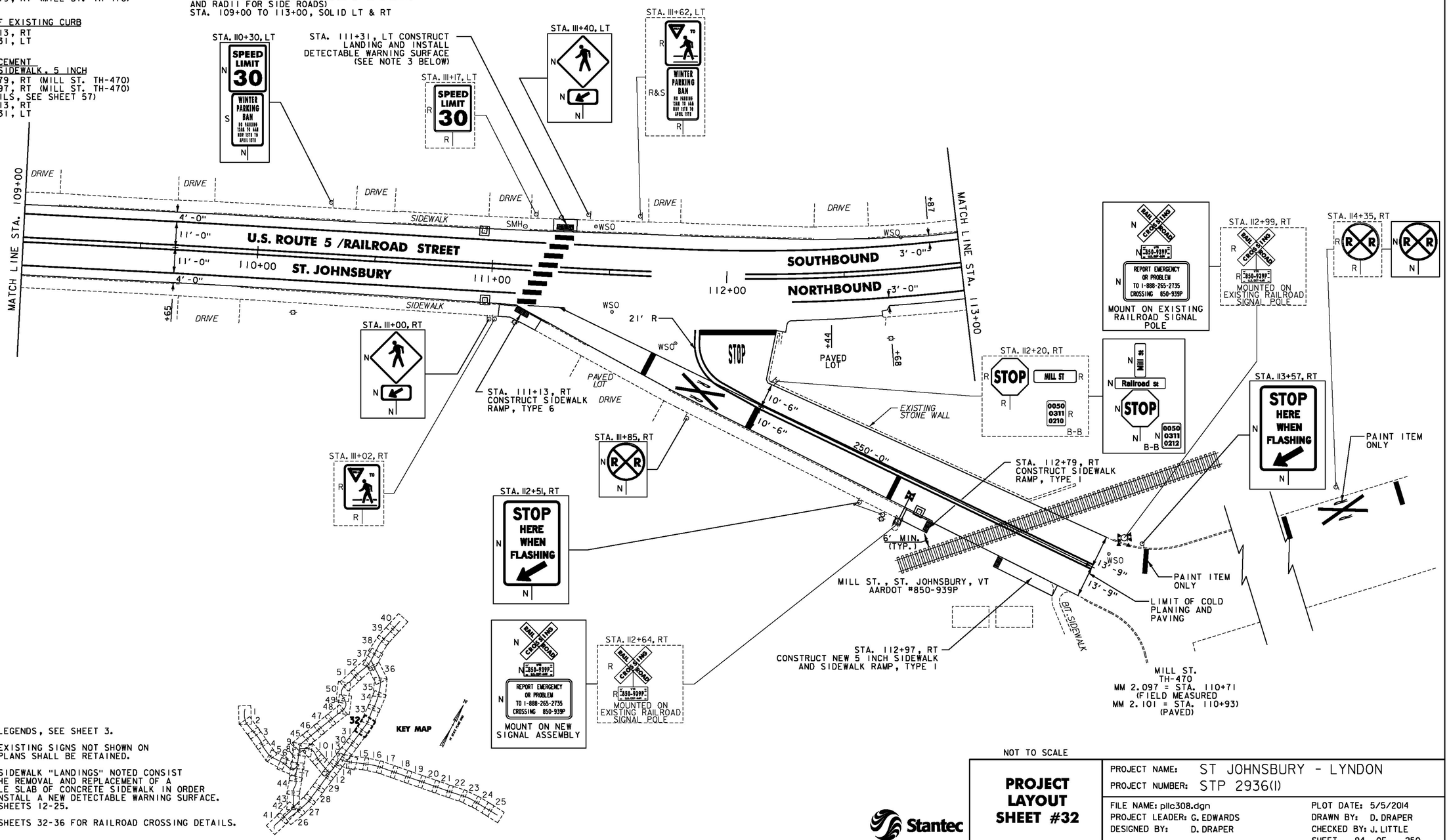
DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 111+90, RT (MILL ST. TH-470)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 111+14, RT - 111+31, LT
SEE SHEET 55 (TYP.)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 111+90, RT (MILL ST. TH-470)

REMOVING SIGNS
AS SHOWN - 12

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEETS 32-36 FOR RAILROAD CROSSING DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #32

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 94 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

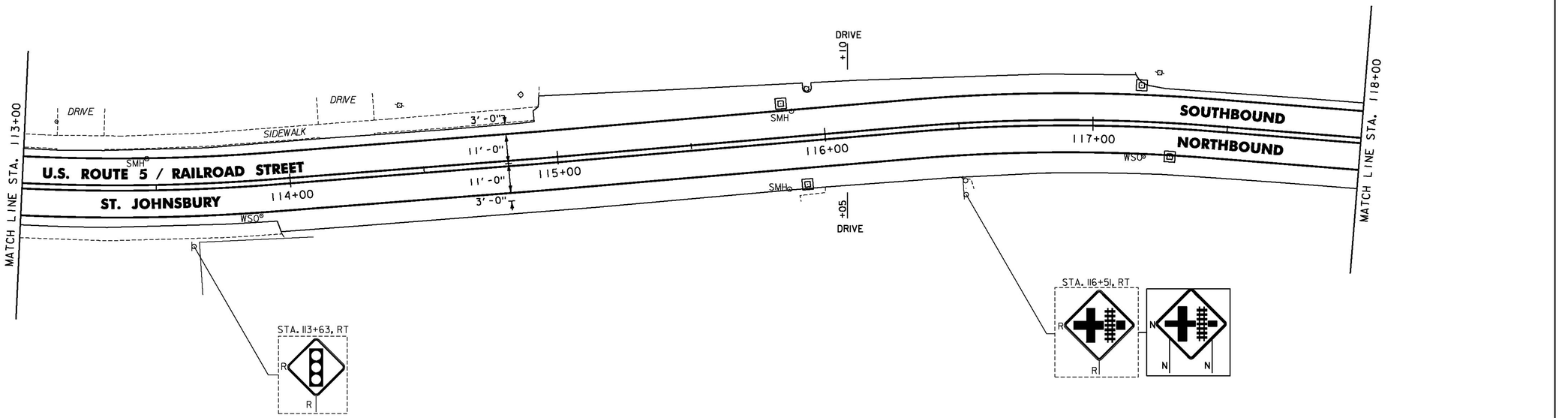
CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

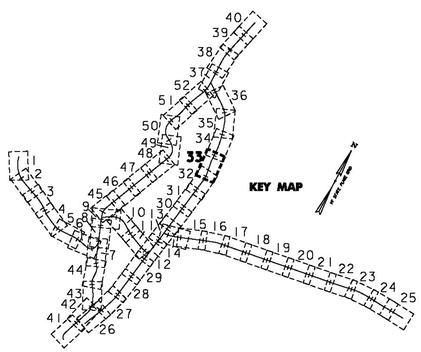
ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 113+00 TO 118+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 113+00 TO 118+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #33

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 95 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 120+34.0 TO 120+59.0, RT

STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 120+59.0 TO 123+00.0, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 120+34.0, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 120+43 TO 123+00, RT

VERTICAL GRANITE CURB
STA. 118+75 TO 119+41, RT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 119+53, RT

REMOVAL OF EXISTING CURB
STA. 118+75, LT
STA. 119+53, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 118+75 TO 119+41, RT
STA. 118+75, LT
STA. 119+41, RT (CONCORD AVE.)
STA. 119+53, RT (CONCORD AVE.)

DETECTABLE WARNING SURFACE
STA. 118+75, LT
STA. 118+75, RT
STA. 119+41, RT
STA. 119+53, RT (CONCORD AVE.)

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

RAILROAD CROSSING SYMBOL
STA. 119+64, RT (CONCORD AVE.)

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 118+00 TO 123+00, SOLID LT & RT
STA. 119+64, SOLID RT (EDGELINES, CONCORD AVE.)

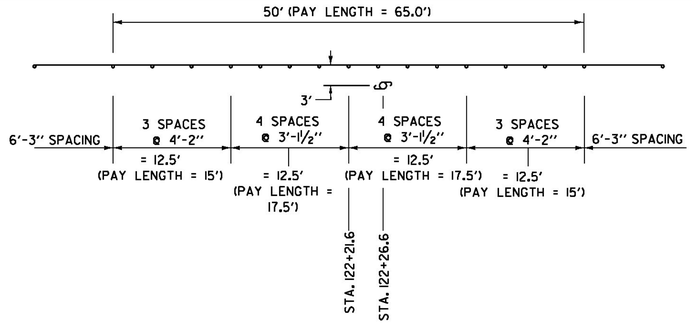
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 118+00 TO 118+61, SOLID LT & RT
STA. 119+16, DOUBLE SOLID LT (MAIN ST. TH-404)
STA. 119+64, DOUBLE SOLID RT (CONCORD AVE.)
STA. 120+41 TO 123+00, SOLID LT & RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 118+60, RT
STA. 119+16, LT (MAIN ST. TH-404)
STA. 119+64, RT (CONCORD AVE.)
STA. 120+42, LT

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 118+75, LT - RT
STA. 119+44 TO 119+53, RT (MILL ST.)
SEE SHEET 55 (TYP.)

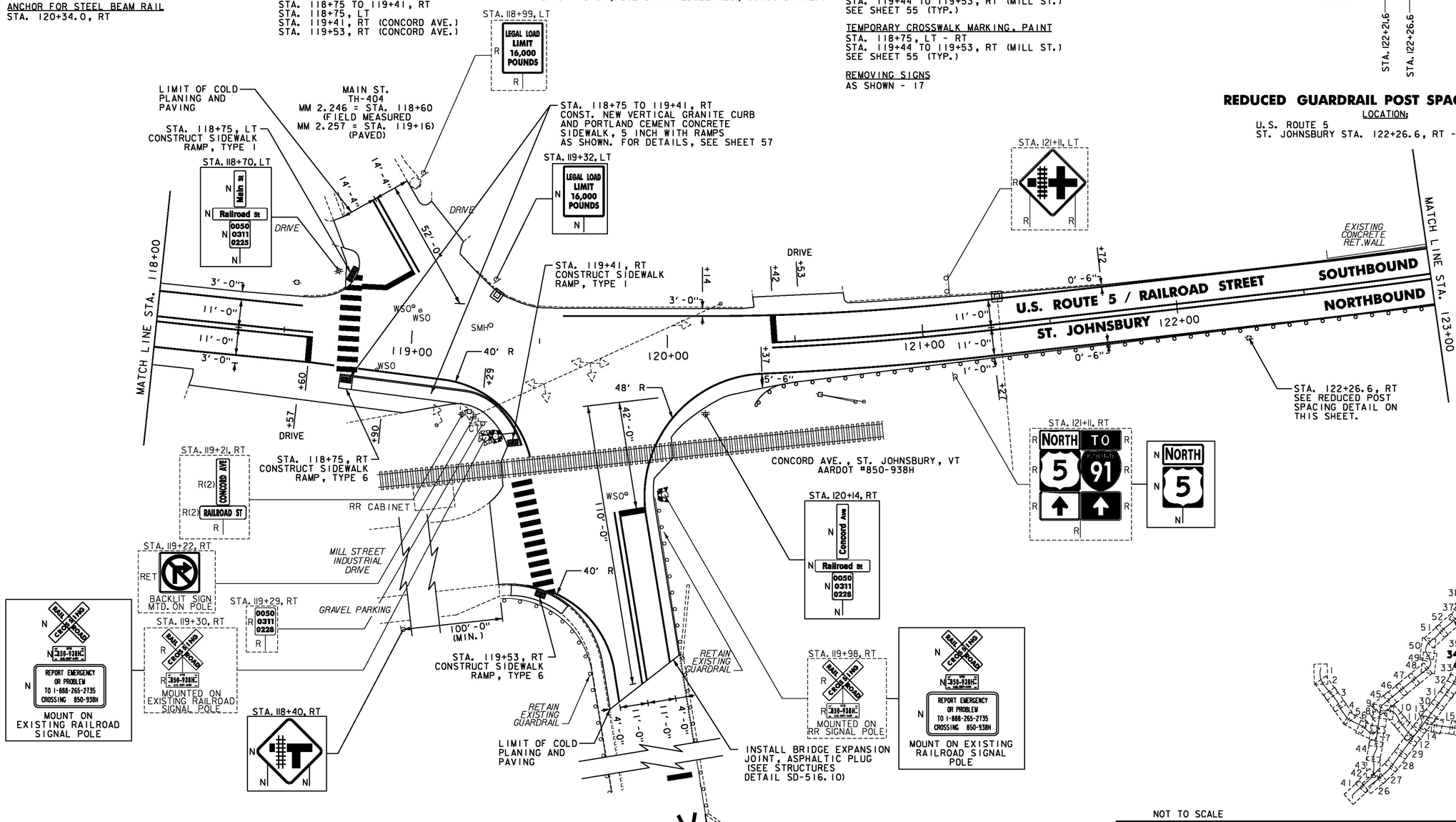
TEMPORARY CROSSWALK MARKING, PAINT
STA. 118+75, LT - RT
STA. 119+44 TO 119+53, RT (MILL ST.)
SEE SHEET 55 (TYP.)

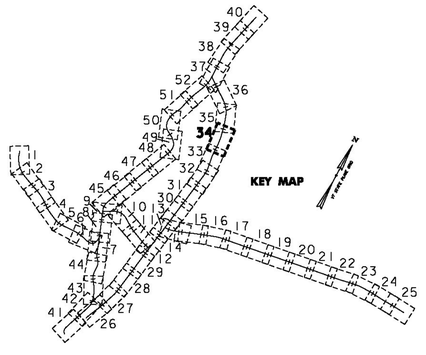
REMOVING SIGNS
AS SHOWN - 17



REDUCED GUARDRAIL POST SPACING DETAIL

LOCATION:
U.S. ROUTE 5
ST. JOHNSBURY STA. 122+26.6, RT - UTILITY POLE





NOTES:
1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. SEE SHEETS 36-40 FOR RAILROAD CROSSING DETAILS.
4. SEE SHEET 243 FOR TRAFFIC SIGNAL DETAILS.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #34

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plls308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 96 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 123+49, LT
SEE SHEET 241 (TYP.)

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 127+95.0 TO 128+00.0, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 123+00.0 TO 127+95.0, RT

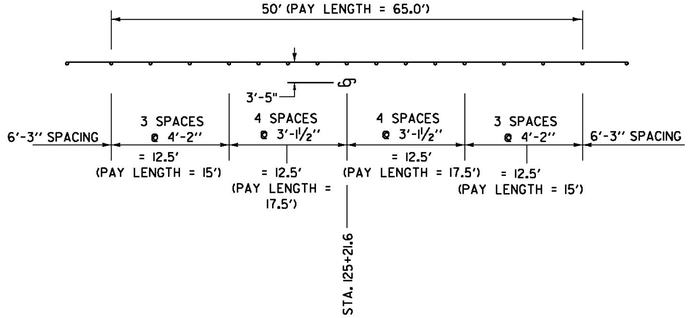
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 123+00 TO 128+00.0, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 123+00 TO 128+00, SOLID LT & RT

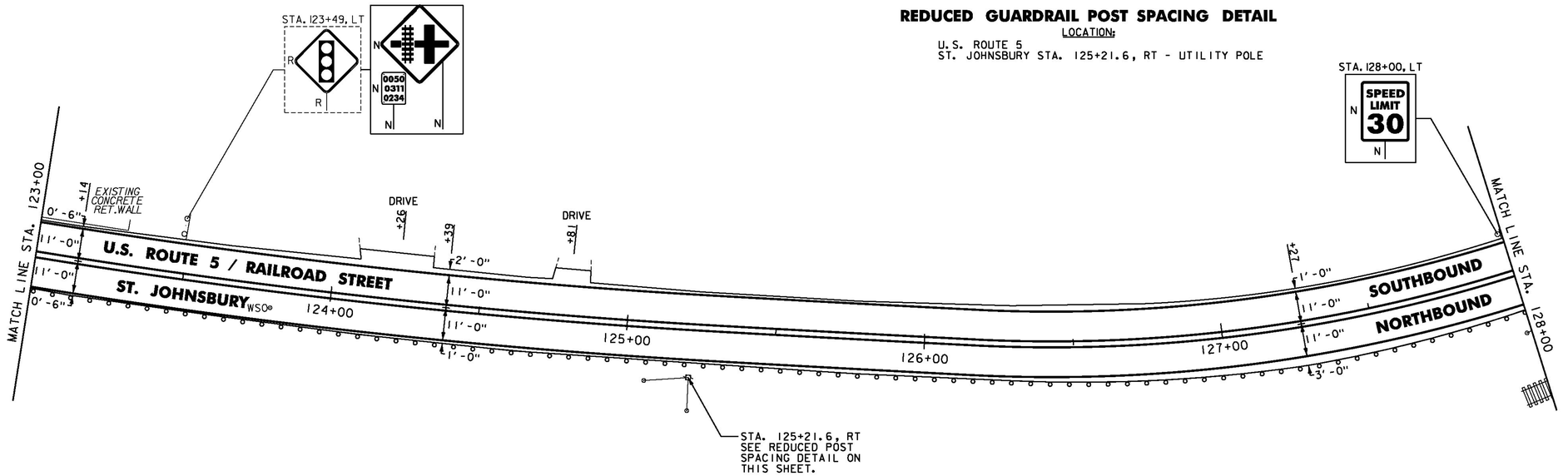
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 123+00 TO 128+00, SOLID LT & RT

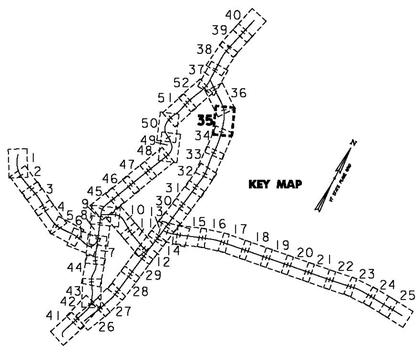
REMOVING SIGNS
AS SHOWN - 1



REDUCED GUARDRAIL POST SPACING DETAIL

LOCATION:
U.S. ROUTE 5
ST. JOHNSBURY STA. 125+21.6, RT - UTILITY POLE





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #35

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 97 OF 250

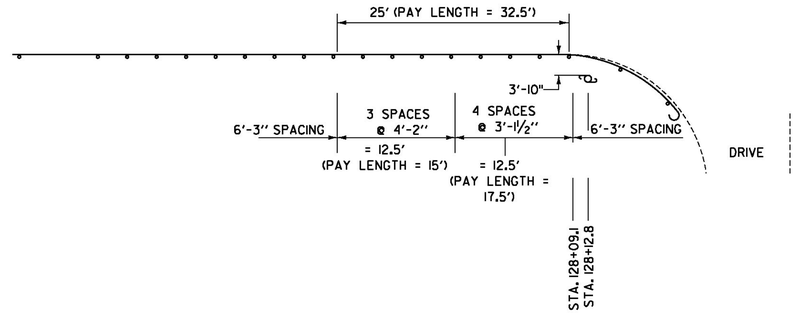
REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 128+00.0 TO 128+21.5, RT
STA. 129+45.0 TO 129+70.0, RT
STA. 130+95.0 TO 131+20.0, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 129+70.0 TO 130+95.0, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 128+21.5, RT
STA. 129+45.0, RT
STA. 131+20.0, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 128+00 TO 128+21, RT
STA. 129+49 TO 131+21, RT



REDUCED GUARDRAIL POST SPACING DETAIL #1

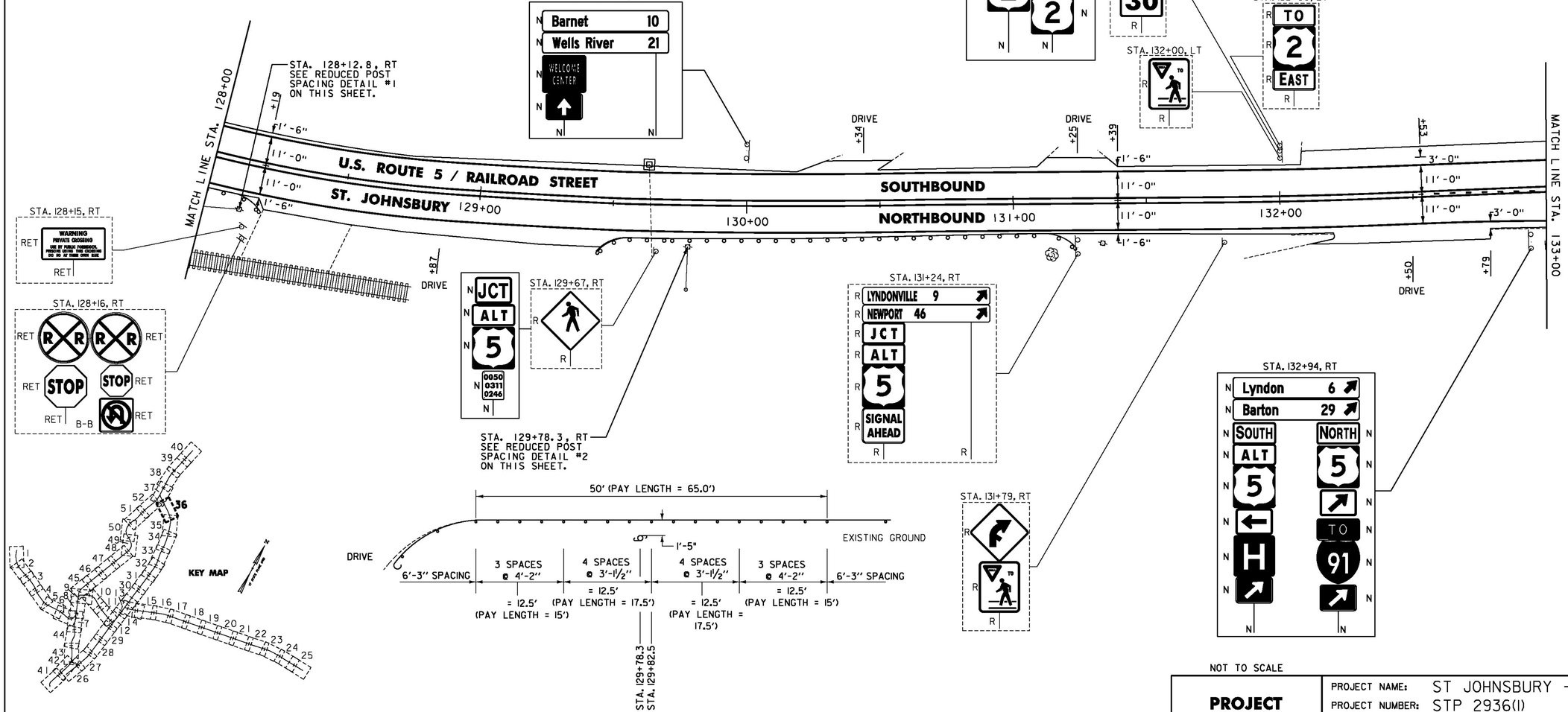
LOCATION:

U.S. ROUTE 5
ST. JOHNSBURY STA. 128+12.8, RT - UTILITY POLE

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 128+00 TO 133+00, SOLID LT & RT
STA. 132+53 TO 133+00, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE & BREAKS FOR SIDE ROADS)
STA. 128+00 TO 133+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 16



REDUCED GUARDRAIL POST SPACING DETAIL #2

LOCATION:

U.S. ROUTE 5
ST. JOHNSBURY STA. 129+78.3, RT - UTILITY POLE

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #36

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 98 OF 250

FOR ALL CONSTRUCTION NOTES SEE SHEET 100

U.S. ROUTE 5
STA. 135+64.32 (MM 2.569) =
ALT U.S. ROUTE 5
STA. 67+53.12 (MM 1.279)

ALT US RTE 5 STA. 65+82, LT

US RTE 5 STA. 135+37, LT

US RTE 5 STA. 135+45, RT

STA. 66+80, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

ALT US RTE 5 STA. 66+41, LT

US RTE 5 STA. 135+84, LT

US RTE 5 STA. 136+55, LT

US RTE 5 STA. 136+80, LT

US RTE 5 STA. 137+20, LT

US RTE 5 STA. 137+80, LT

MATCH LINE ALT. U.S. ROUTE 5 STA. 65+00 (SEE SHEET 116)

ALT. U.S. ROUTE 5 / HASTINGS STREET / ST. JOHNSBURY

SOUTHBOUND

NORTHBOUND

MATCH LINE U.S. ROUTE 5 STA. 138+00

ALT US RTE 5 STA. 65+76, RT

STA. 66+54, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

US RTE 5 STA. 134+67, LT

US RTE 5 STA. 136+68, RT

US RTE 5 STA. 135+66, RT

US RTE 5 STA. 137+37, RT

US RTE 5 STA. 137+68, RT

US RTE 5 STA. 134+14, RT

US RTE 5 STA. 135+06, RT

US RTE 5 STA. 133+01, RT

EXISTING VEHICLE LOOP DETECTOR

DRIVE

KEY MAP

U.S. ROUTE 5 / RAILROAD STREET / ST. JOHNSBURY

MATCH LINE U.S. ROUTE 5 STA. 133+00

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEET 244 FOR TRAFFIC SIGNAL DETAILS.

NOT TO SCALE

PROJECT LAYOUT SHEET #37A

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 99 OF 250

REHAB,
Dis. CBs OR MHs. CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 66+54, RT

REMOVAL OF EXISTING CURB
STA. 66+54, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 66+54, RT
STA. 66+80, LT

DETECTABLE WARNING SURFACE
STA. 66+54, RT
STA. 66+80, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 133+00 TO 134+23, DOTTED RT
STA. 133+00 TO 134+82, SOLID LT
STA. 133+00 TO 138+00, SOLID RT
STA. 134+94 TO 135+80, DOTTED LT
STA. 135+26 TO 138+00, SOLID LT
STA. 135+82 TO 136+80, SOLID LT (LANE LINE)
STA. 136+80 TO 138+00, DOTTED LT
ALT. U.S. ROUTE 5
STA. 65+00 TO 65+59, DOTTED RT
STA. 65+00 TO 66+52, SOLID RT
STA. 65+00 TO 66+72, SOLID LT
STA. 65+59 TO 66+47, SOLID RT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
U.S. ROUTE 5
STA. 133+00 TO 134+77, DOUBLE SOLID LT
STA. 135+80 TO 137+25, SOLID LT & RT
STA. 137+25 TO 138+00, DOUBLE SOLID LT & RT
ALT. U.S. ROUTE 5
STA. 65+00 TO 66+49, DOUBLE SOLID LT

DURABLE & TEMPORARY 8 INCH WHITE LINE
U.S. ROUTE 5
STA. 134+23 TO 136+10, RT (GORE & DIAGONALS)
STA. 134+91 TO 135+07, LT (GORE & DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 8 INCH YELLOW LINE
U.S. ROUTE 5
STA. 137+21 TO 138+00, LT & RT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 5
STA. 134+77, LT
STA. 135+03 TO 135+07, RT
STA. 135+81, LT
ALT. U.S. ROUTE 5
STA. 66+48, LT - RT

DURABLE LETTER OR SYMBOL, TYPE D TAPE
U.S. ROUTE 5
STA. 134+27, LT ARROW
STA. 134+68, LT ARROW
STA. 134+76 TO 134+94, LT YIELD BAR (6)
STA. 135+90, LT ARROW (2)
STA. 136+33, LT "ONLY"
STA. 136+76, LT ARROW (2)
ALT. U.S. ROUTE 5
STA. 65+63, RT ARROW (2)
STA. 66+01, RT "ONLY"
STA. 66+39, RT ARROW (2)

DURABLE CROSSWALK MARKING, TYPE A TAPE
ALT. U.S. ROUTE 5
STA. 66+54, RT TO 66+80, LT
SEE SHEET 55 (TYP.)

DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
U.S. ROUTE 5
STA. 136+68, RT

TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 5
STA. 134+27, LT ARROW
STA. 134+68, LT ARROW
STA. 134+76 TO 134+94, LT YIELD BAR (6)
STA. 135+90, LT ARROW (2)
STA. 136+76, LT ARROW (2)
ALT. U.S. ROUTE 5
STA. 65+63, RT ARROW (2)
STA. 66+39, RT ARROW (2)

TEMPORARY CROSSWALK MARKING, PAINT
ALT. U.S. ROUTE 5
STA. 66+54, RT TO 66+80, LT
SEE SHEET 55 (TYP.)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
U.S. ROUTE 5
STA. 136+68, RT

REMOVING SIGNS
AS SHOWN - 48

NOT TO SCALE

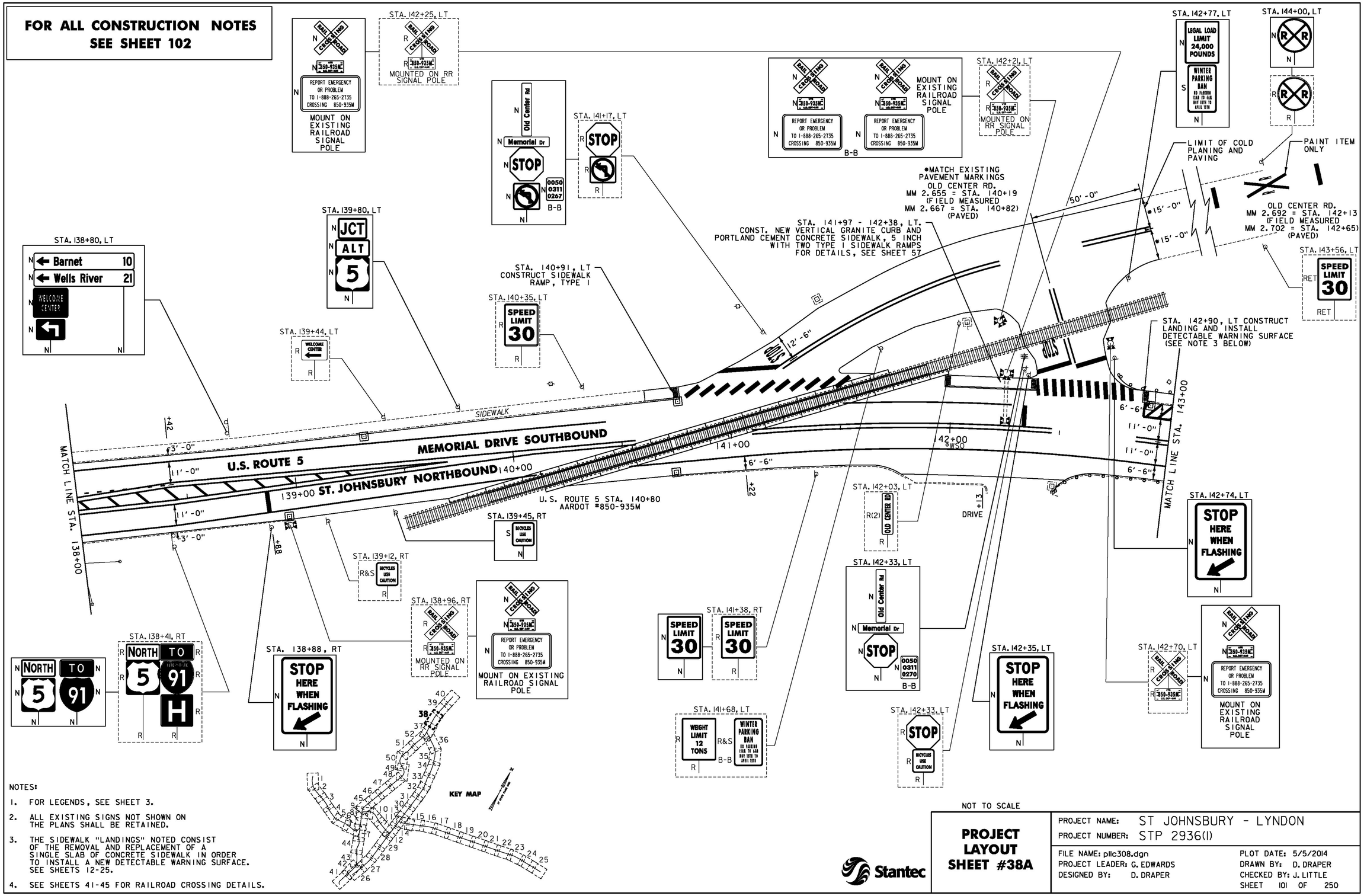
Stantec

PROJECT LAYOUT SHEET #37B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 100 OF 250

FOR ALL CONSTRUCTION NOTES SEE SHEET 102



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEETS 41-45 FOR RAILROAD CROSSING DETAILS.

Stantec

PROJECT LAYOUT SHEET #38A

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 101 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

VERTICAL GRANITE CURB
STA. 141+97 TO 142+38, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 140+91, LT

REMOVAL OF EXISTING CURB
STA. 140+91, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 140+91, LT
STA. 141+97 TO 142+38, LT
STA. 142+90, LT

DETECTABLE WARNING SURFACE
STA. 140+91, LT
STA. 141+97, LT
STA. 142+38, LT
STA. 142+90, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 142+49 TO 143+00, RT
STA. 142+76 TO 143+00, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 142+49, RT
STA. 142+76, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 142+50.5 TO 143+00, RT
STA. 142+75 TO 143+00, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

RAILROAD CROSSING SYMBOL
STA. 144+00, LT (OLD CENTER RD.)

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 138+00 TO 143+00, SOLID LT & RT
STA. 138+00 TO 138+42, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 138+00 TO 139+70, DOUBLE SOLID LT & RT
STA. 139+70 TO 143+00, SOLID LT & RT
STA. 140+82, DOUBLE SOLID LT (OLD CENTER RD.)
STA. 142+65, DOUBLE SOLID LT (OLD CENTER RD.)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 142+87 TO 143+00, LT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 138+00 TO 139+70, LT & RT DIAGONALS

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 140+82, LT (OLD CENTER RD.)
STA. 142+65, LT (OLD CENTER RD.) (2)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 140+82, LT "STOP" (OLD CENTER RD.)
STA. 142+65, LT "STOP" (OLD CENTER RD.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 140+82, LT (OLD CENTER RD.)
STA. 142+65, LT (OLD CENTER RD.)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 140+82, LT (OLD CENTER RD.)
STA. 142+65, LT (OLD CENTER RD.)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 25

ERECTING SALVAGED SIGNS
AS SHOWN - 2

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #38B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 102 OF 250

REHAB,
Dis. CBs OR MHs. CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 143+00.0 TO 143+43.0, RT
STA. 143+00.0 TO 143+66.0, LT
STA. 145+66.5 TO 146+06.5, RT
STA. 145+79.0 TO 147+16.5, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 146+06.5, RT
STA. 147+16.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 143+00 TO 143+45, RT
STA. 143+00 TO 143+68, LT
STA. 145+55 TO 146+06, RT
STA. 145+79 TO 147+16.5, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 143+00 TO 148+00, SOLID LT & RT
STA. 146+27, SOLID RT (EDGELINES, TREMONT ST. TH-424)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 143+00 TO 148+00, SOLID LT & RT
STA. 146+27, DOUBLE SOLID RT (TREMONT ST. TH-424)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 143+00 TO 143+07, LT (HYDRANT)
STA. 146+11 TO 146+31, LT (HYDRANT)
SEE SHEET 55 (TYP.)

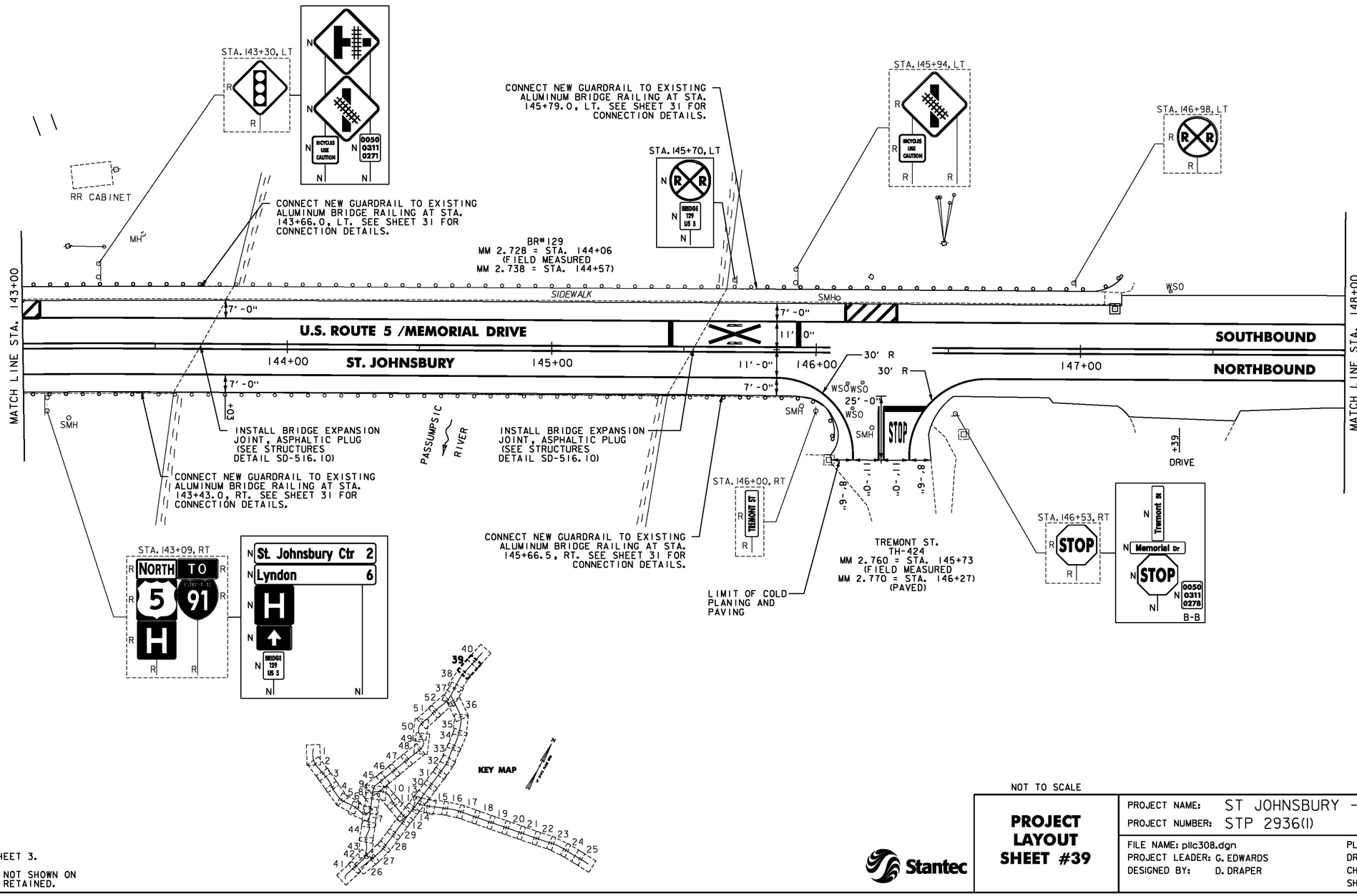
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 146+27, RT (TREMONT ST. TH-424)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 146+27, RT "STOP" (TREMONT ST. TH-424)

DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 145+70, LT

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 145+70, LT

REMOVING SIGNS
AS SHOWN - II



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #39

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 103 OF 250

Stantec

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

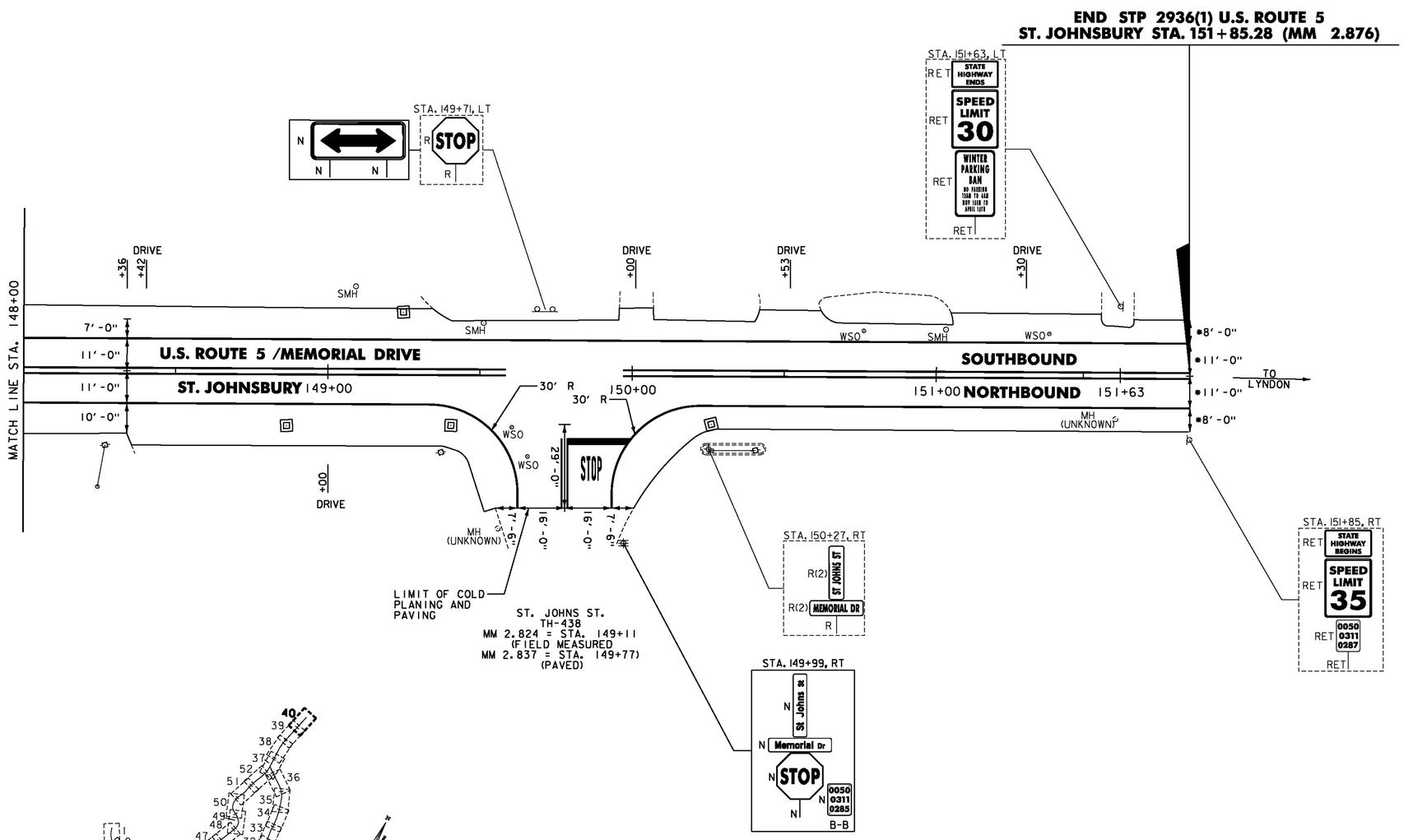
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 148+00 TO 151+85.28, SOLID LT & RT
STA. 149+77, SOLID RT (EDGELINES, ST. JOHNS ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 148+00 TO 151+85.28, SOLID LT & RT
STA. 149+77, DOUBLE SOLID RT (ST. JOHNS ST. TH-438)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 149+77, RT (ST. JOHNS ST. TH-438)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 149+77, RT "STOP" (ST. JOHNS ST. TH-438)

REMOVING SIGNS
AS SHOWN - 5



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #40

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 104 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

TREATED TIMBER CURB
STA. 3+00 TO 5+00, RT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 2+62.5 TO 2+87.5, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 2+87.5 TO 5+00, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 2+62.5, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 2+64 TO 5+00, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 0+00.00 TO 5+00, SOLID LT & RT

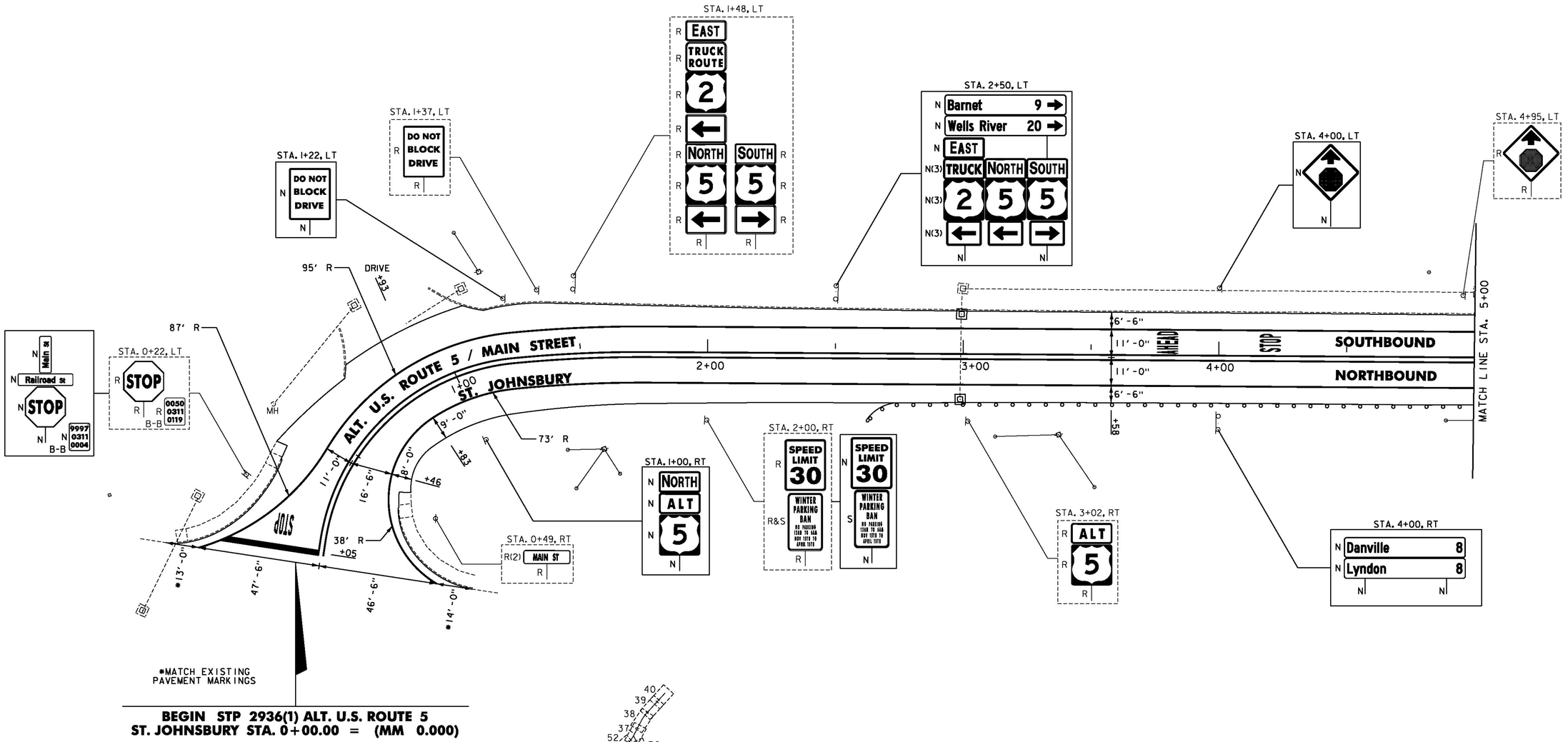
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 0+00.00 TO 5+00, SOLID LT & RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 0+05, LT

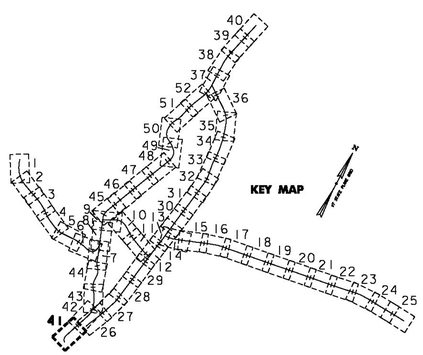
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 0+13, LT "STOP"
STA. 3+80, LT "AHEAD"
STA. 4+20, LT "STOP"

REMOVING SIGNS
AS SHOWN - 20

ERECTING SALVAGED SIGNS
AS SHOWN - 1



BEGIN STP 2936(1) ALT. U.S. ROUTE 5
ST. JOHNSBURY STA. 0+00.00 = (MM 0.000)



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #41

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 105 OF 250

REHAB.
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

TREATED TIMBER CURB
STA. 5+00 TO 7+10, RT

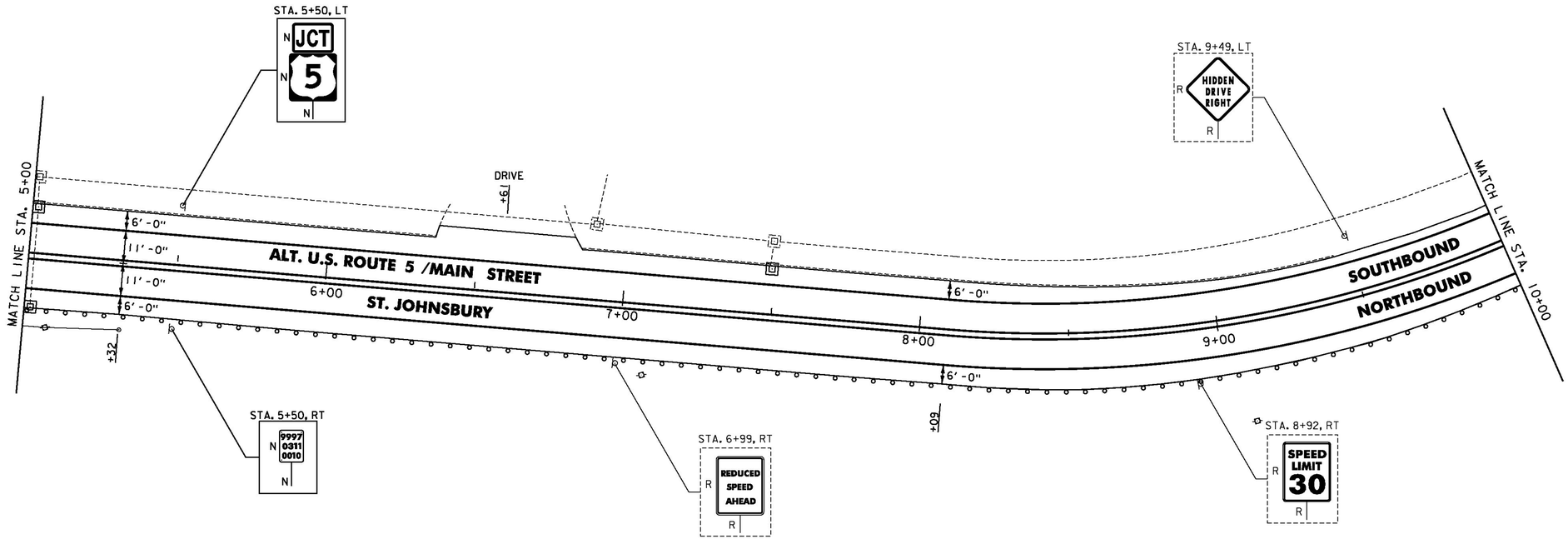
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 5+00 TO 10+00, RT

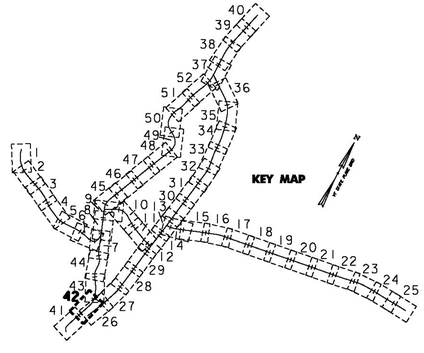
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 5+00 TO 10+00, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 5+00 TO 10+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 5+00 TO 10+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #42

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 106 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

TREATED TIMBER CURB
STA. 14+45 TO 15+00, RT

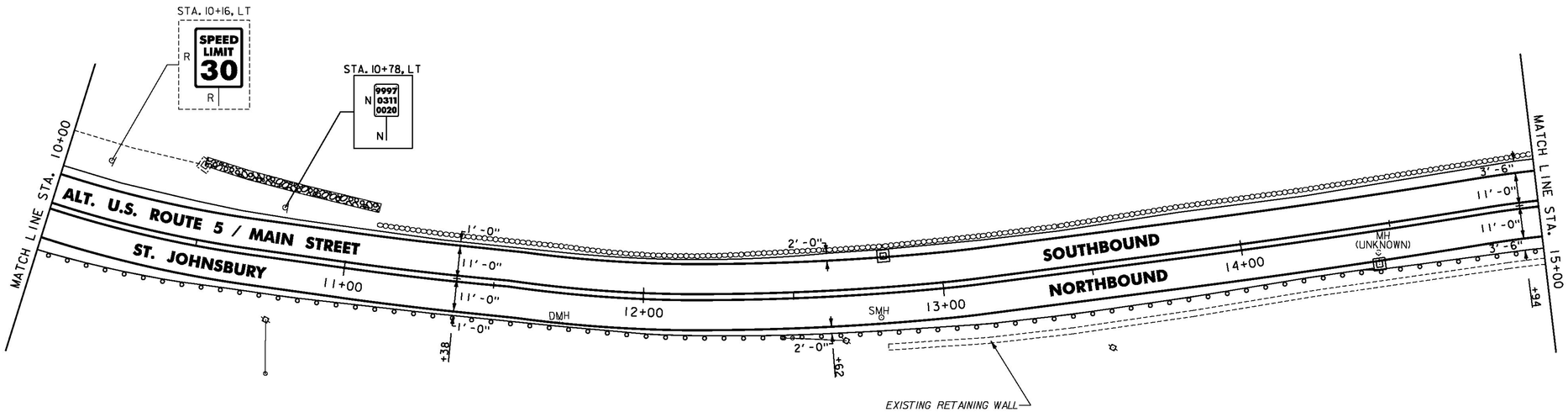
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 10+00 TO 15+00, RT

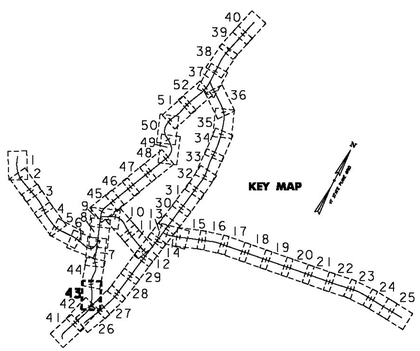
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 10+00 TO 15+00, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 10+00 TO 15+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 10+00 TO 15+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #43

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 107 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

TREATED TIMBER CURB
STA. 15+00 TO 17+50, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 20+13, LT
STA. 20+50, LT

DETECTABLE WARNING SURFACE
STA. 20+13, LT
STA. 20+50, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 17+50 TO 17+75, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 15+00 TO 17+50, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 17+75, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 15+00 TO 17+75, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 15+00 TO 21+00, SOLID LT & RT
STA. 20+56, SOLID LT (EDGELINES, FAIRBANKS DR. TH-364)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 15+00 TO 21+00, SOLID LT & RT
STA. 20+56, DOUBLE SOLID LT (FAIRBANKS DR. TH-364)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 20+56, LT (FAIRBANKS DR. TH-364)

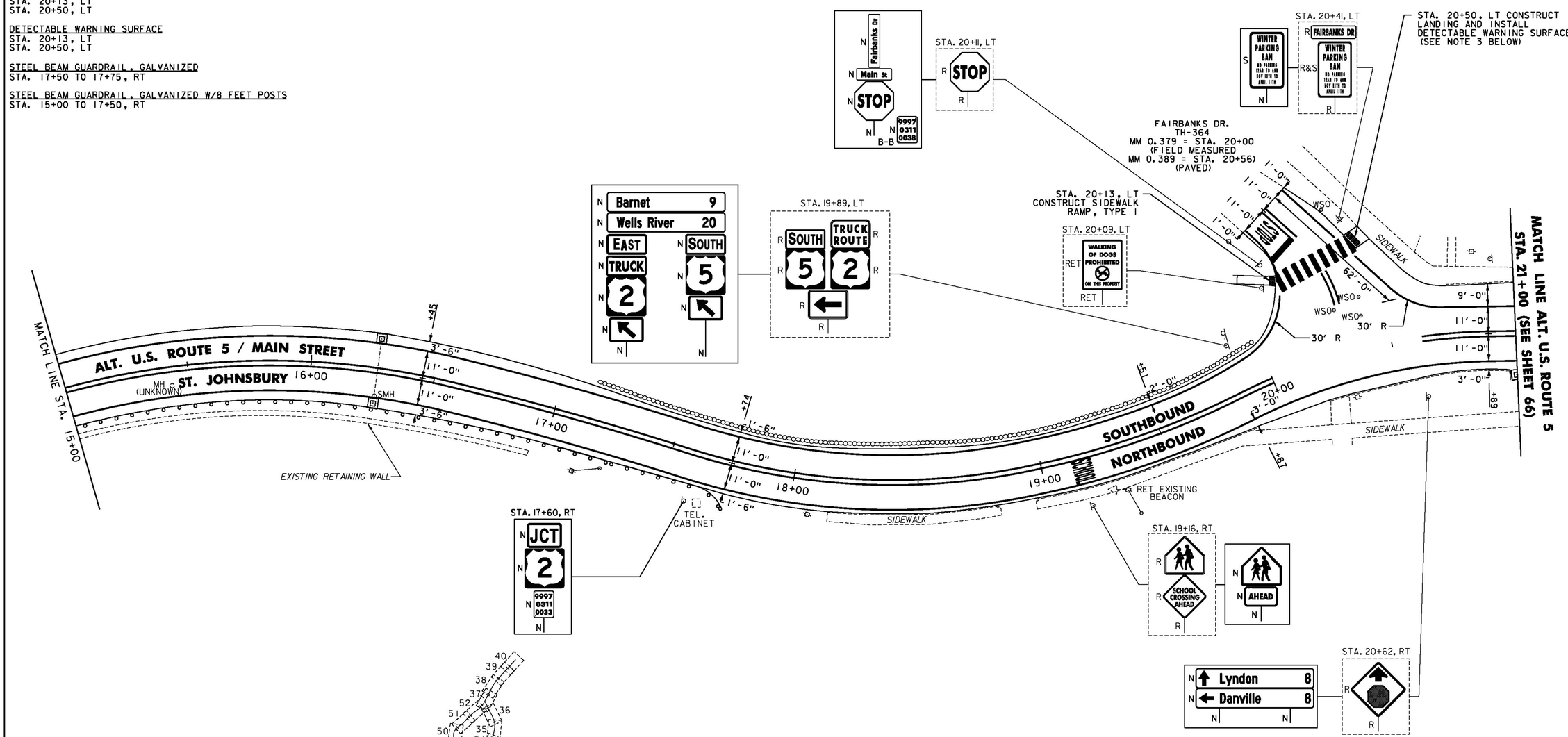
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 19+16, RT "SCHOOL"
STA. 20+56, LT "STOP" (FAIRBANKS DR. TH-364)

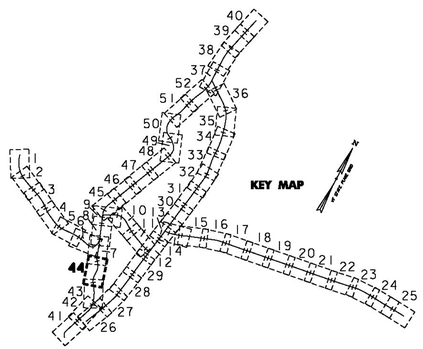
DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 20+56, LT (FAIRBANKS DR. TH-364)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 20+56, LT (FAIRBANKS DR. TH-364)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 11

ERECTING SALVAGED SIGNS
AS SHOWN - 1





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #44

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 108 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 27+76, LT
STA. 28+22, RT

REMOVAL OF EXISTING CURB
STA. 27+76, LT
STA. 28+22, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 27+76, LT
STA. 28+21, LT
STA. 28+22, RT

DETECTABLE WARNING SURFACE
STA. 27+76, LT
STA. 28+21, LT
STA. 28+22, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 26+50 TO 30+00, RT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 26+50 TO 30+00, LT (PARKING SPACES & DIAGONALS)
STA. 26+50 TO 27+18, SOLID LT (LANE LINE)
STA. 27+18 TO 28+83, DOTTED LT
STA. 27+97, SOLID LT (EDGELINES & DIAGONALS, CENTRAL ST. TH-344)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 26+50 TO 30+00, SOLID LT & RT
STA. 27+97, DOUBLE SOLID LT (CENTRAL ST. TH-344)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 27+97, LT (CENTRAL ST. TH-344)

DURABLE LETTER OR SYMBOL, TYPE D TAPE
STA. 26+58, LT ARROW
STA. 26+70, LT "ONLY"
STA. 27+14, LT ARROW
STA. 27+63, LT HANDICAP SYMBOL
STA. 27+97, LT "STOP" (CENTRAL ST. TH-344)
STA. 28+86, RT HANDICAP SYMBOL

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 26+58, LT ARROW
STA. 27+14, LT ARROW
STA. 27+63, LT HANDICAP SYMBOL
STA. 27+97, LT "STOP" (CENTRAL ST. TH-344)
STA. 28+86, RT HANDICAP SYMBOL

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 27+97, LT (CENTRAL ST. TH-344)
STA. 28+22, LT TO RT
SEE SHEET 55 (TYP.)

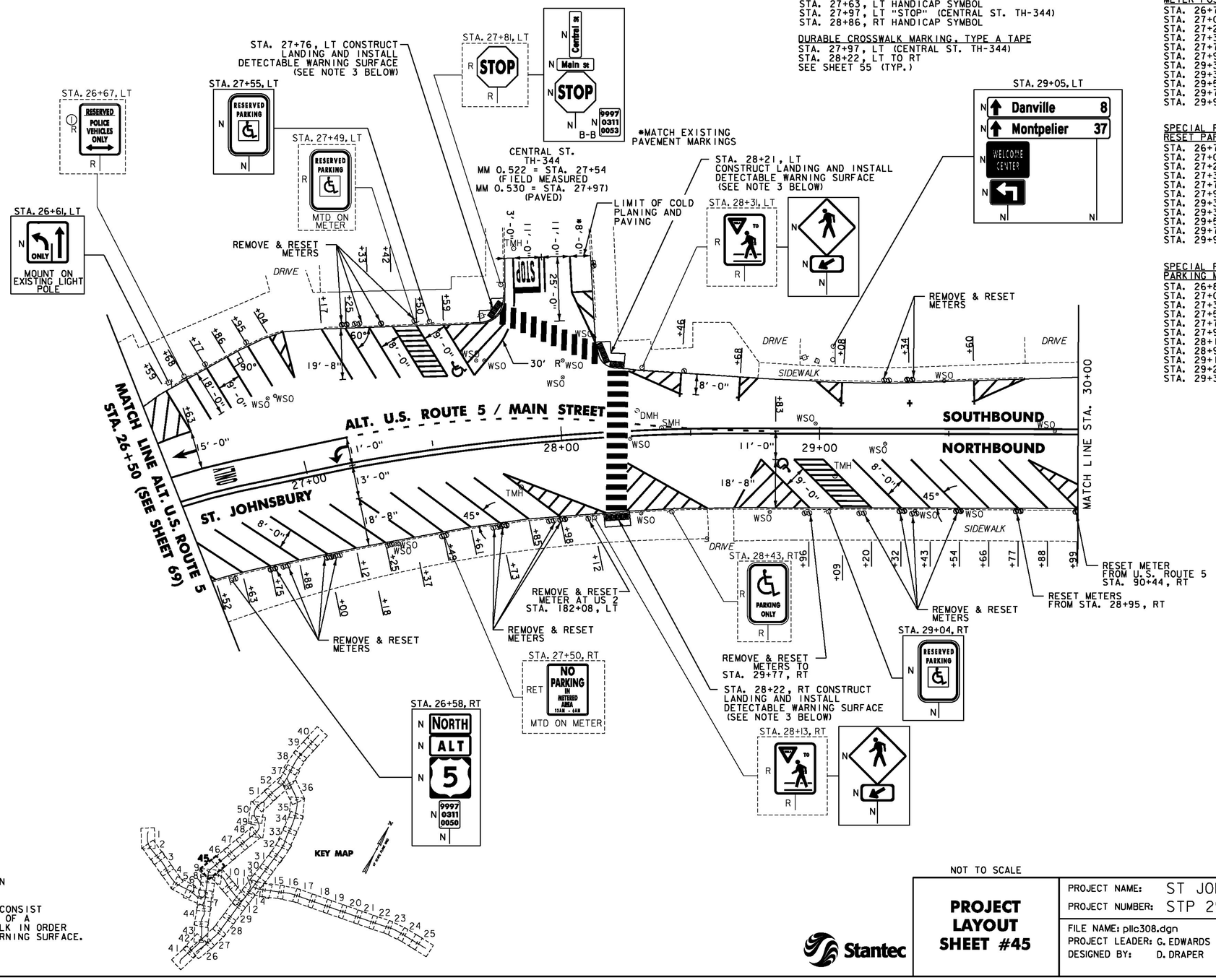
TEMPORARY CROSSWALK MARKING, PAINT
STA. 27+97, LT (CENTRAL ST. TH-344)
STA. 28+22, LT TO RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 6

SPECIAL PROVISION (PARKING METER POST)
STA. 26+75, RT
STA. 27+00, RT
STA. 27+25, LT
STA. 27+38, LT
STA. 27+73, RT
STA. 27+98, RT
STA. 29+32, RT
STA. 29+34, LT
STA. 29+54, RT
STA. 29+77, RT
STA. 29+99, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 26+75, RT
STA. 27+00, RT
STA. 27+25, LT
STA. 27+38, LT
STA. 27+73, RT
STA. 27+98, RT
STA. 29+32, RT
STA. 29+34, LT
STA. 29+54, RT
STA. 29+77, RT
STA. 29+99, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 26+81, RT
STA. 27+04, RT
STA. 27+30, LT
STA. 27+50, LT
STA. 27+72, RT
STA. 27+95, RT
STA. 28+10, RT
STA. 28+95, RT
STA. 29+16, RT
STA. 29+26, LT
STA. 29+36, RT



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #45

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 109 OF 250

THINING AND TRIMMING FOR SIGNS
STA. 32+42, RT
STA. 33+46, RT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB, DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 30+21, RT
STA. 30+22, LT
STA. 31+13, RT
STA. 31+40, RT

REMOVAL OF EXISTING CURB
STA. 30+21, RT
STA. 30+22, LT
STA. 31+13, RT
STA. 31+40, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 30+21, RT
STA. 30+22, LT
STA. 31+13, RT
STA. 31+40, RT
STA. 32+50, RT
STA. 32+50, LT
STA. 33+23, RT
STA. 33+49, RT

DETECTABLE WARNING SURFACE
STA. 30+21, RT
STA. 30+22, LT
STA. 31+13, RT
STA. 31+40, RT
STA. 32+50, RT
STA. 32+50, LT
STA. 33+23, RT
STA. 33+49, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 30+00 TO 33+24, RT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 30+00 TO 33+72, LT (PARKING SPACES & DIAGONALS)
STA. 32+00, SOLID LT (DIAGONALS CHURCH ST. TH-334)
STA. 33+46 TO 35+00, SOLID RT
STA. 34+10 TO 35+00, SOLID LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 30+00 TO 35+00, SOLID LT & RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 31+27, RT (PROSPECT ST. TH-384)
STA. 32+00, LT (CHURCH ST. TH-334)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 31+27, RT "STOP" (PROSPECT ST. TH-384)
STA. 32+00, LT "STOP" (CHURCH ST. TH-334)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 30+21, LT TO RT
STA. 31+27, RT (PROSPECT ST. TH-384)
STA. 32+00, LT (CHURCH ST. TH-334)
STA. 32+51, LT TO RT
STA. 33+35, RT (CHARLES ST. TH-388)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 30+21, LT TO RT
STA. 31+27, RT (PROSPECT ST. TH-384)
STA. 32+00, LT (CHURCH ST. TH-334)
STA. 32+51, LT TO RT
STA. 33+35, RT (CHARLES ST. TH-388)
SEE SHEET 55 (TYP.)

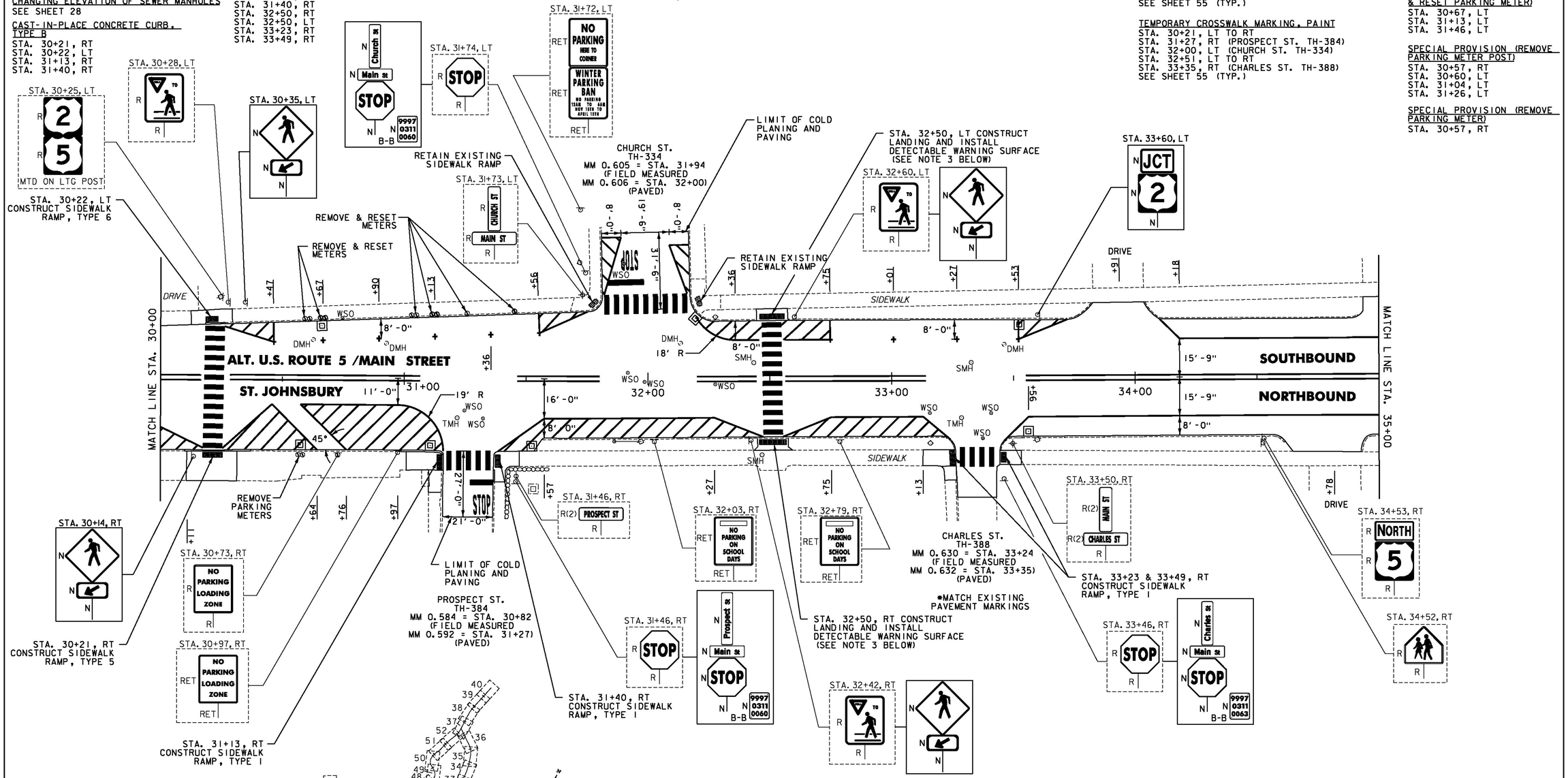
REMOVING SIGNS
AS SHOWN - 20

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 30+67, LT
STA. 31+13, LT
STA. 31+46, LT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
STA. 30+67, LT
STA. 31+13, LT
STA. 31+46, LT

SPECIAL PROVISION (REMOVE PARKING METER POST)
STA. 30+57, RT
STA. 30+60, LT
STA. 31+04, LT
STA. 31+26, LT

SPECIAL PROVISION (REMOVE PARKING METER)
STA. 30+57, RT



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

PROJECT LAYOUT SHEET #46

Stantec

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 110 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 36+40, LT
SEE SHEET 241 (TYP.)
STA. 37+63, RT

CHANGING ELEVATION OF Dis., CBs OR MHs
SEE SHEET 27

REHAB.,
Dis., CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28
CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 37+47, LT

REMOVAL OF EXISTING CURB
STA. 37+47, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 36+37, LT
STA. 36+53, RT
STA. 36+61, RT
STA. 36+92, RT
STA. 37+47, LT
STA. 37+81, LT

DETECTABLE WARNING SURFACE
STA. 36+37, LT
STA. 36+53, RT
STA. 36+61, RT
STA. 36+92, RT
STA. 37+47, LT
STA. 37+81, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 35+00 TO 40+00, SOLID LT & RT (EDGELINES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 35+00 TO 40+00, SOLID LT & RT
STA. 36+76, DOUBLE SOLID RT (MAPLE ST.)
STA. 37+65, DOUBLE SOLID LT (WINTER ST. TH-324)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 36+61 TO 36+86, LT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 36+76, RT (MAPLE ST.)
STA. 37+65, LT (WINTER ST. TH-324)

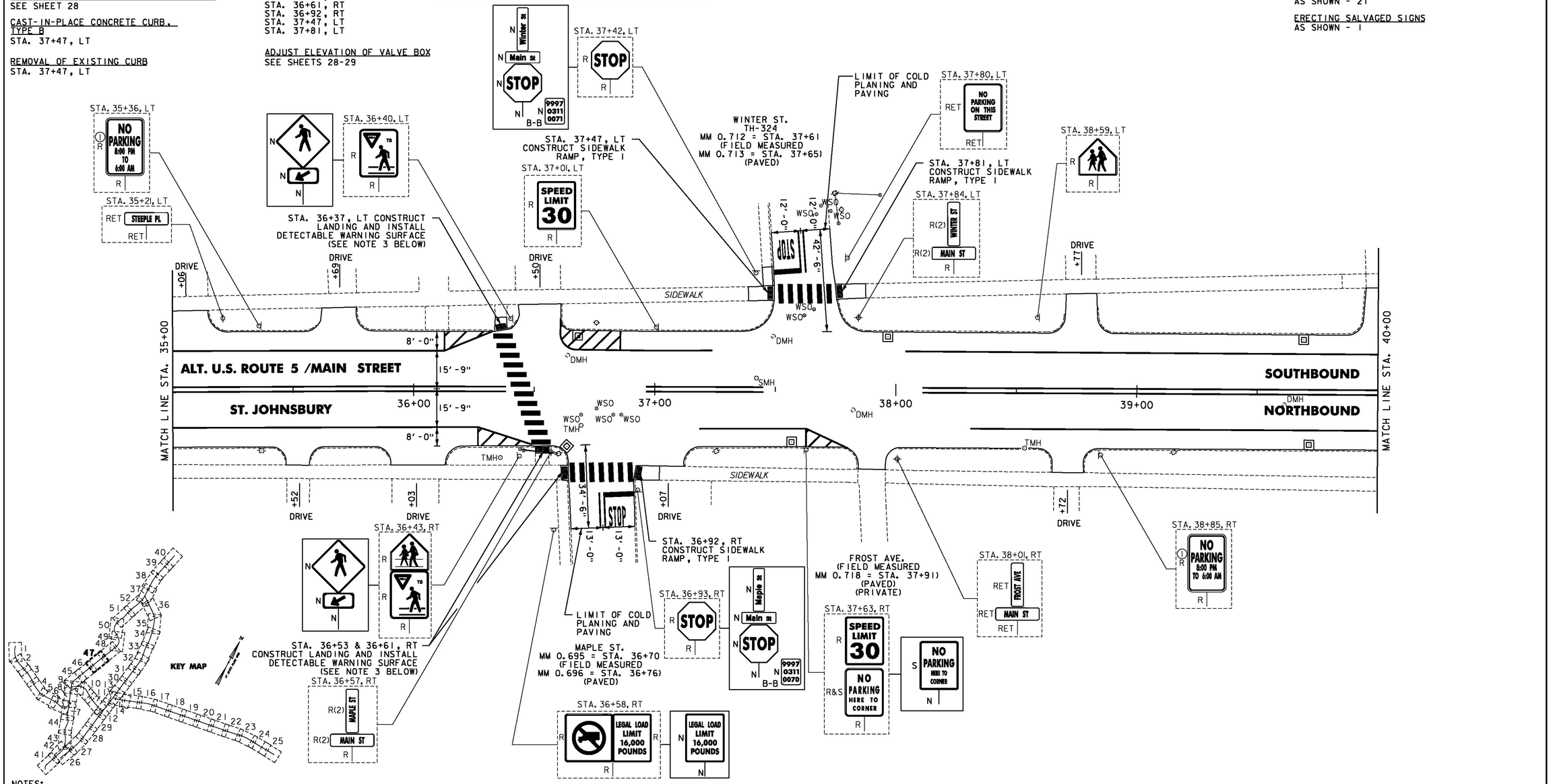
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 36+76, RT "STOP" (MAPLE ST.)
STA. 37+65, LT "STOP" (WINTER ST. TH-324)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 36+37, LT TO 36+53, RT
STA. 36+76, RT (MAPLE ST.)
STA. 37+65, LT (WINTER ST. TH-324)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 36+37, LT TO 36+53, RT
STA. 36+76, RT (MAPLE ST.)
STA. 37+65, LT (WINTER ST. TH-324)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 21

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #47

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET III OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 43+25, RT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 41+26, RT
STA. 41+50, RT

DETECTABLE WARNING SURFACE
STA. 41+26, RT
STA. 41+50, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 40+00 TO 45+00, SOLID LT & RT
STA. 44+76 TO 45+00, DOTTED RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 40+00 TO 45+00, SOLID LT & RT

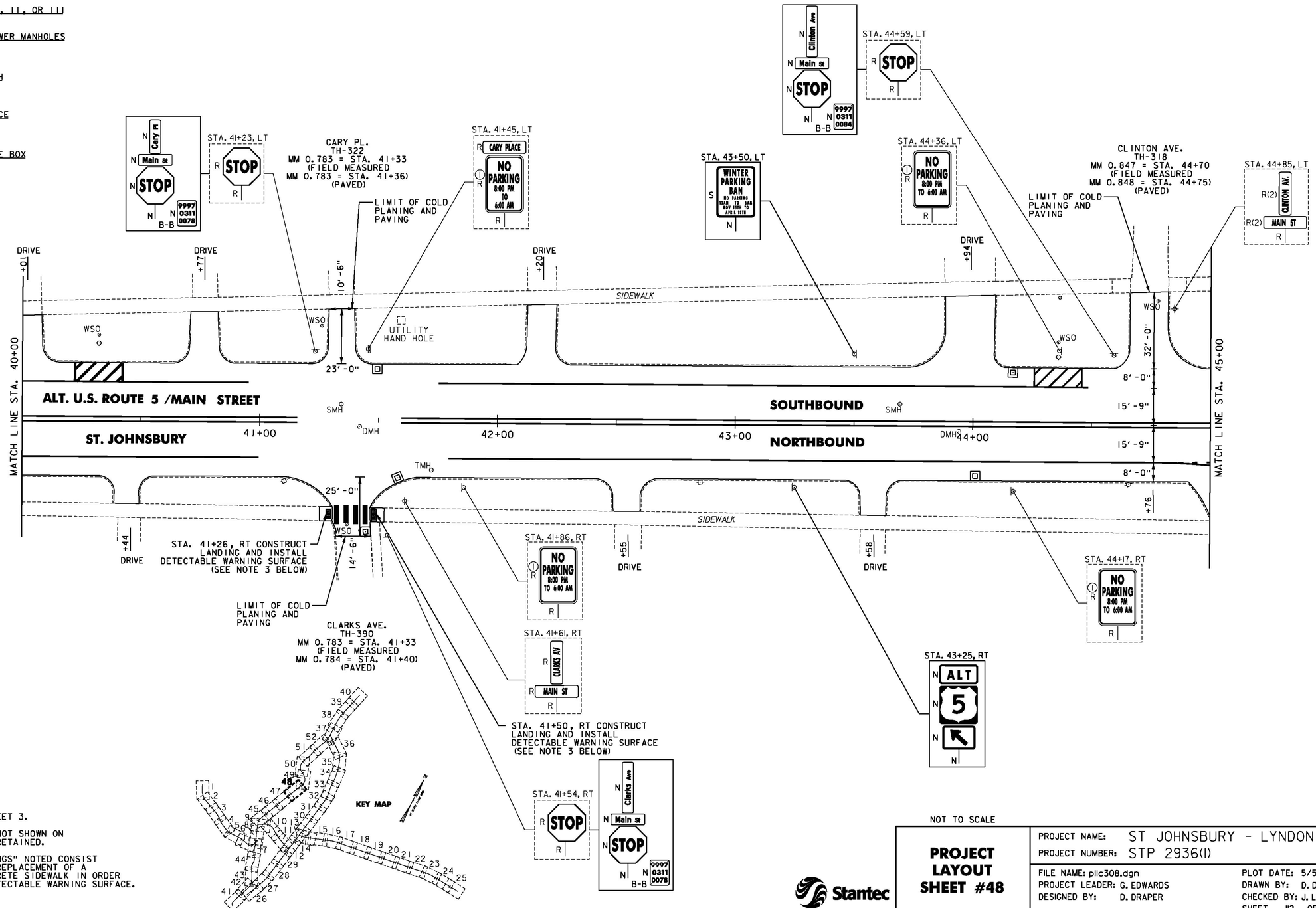
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 40+22 TO 40+42, LT (HYDRANT)
STA. 44+26 TO 44+46, LT (HYDRANT)
SEE SHEET 55 (TYP.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 41+40, RT (CLARKS AVE. TH-390)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 41+40, RT (CLARKS AVE. TH-390)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 14

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #48

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 112 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 48+63, RT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 48+22, LT

REMOVAL OF EXISTING CURB
STA. 48+22, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 48+22, LT
STA. 48+35, RT
STA. 48+60, RT

DETECTABLE WARNING SURFACE
STA. 48+22, LT
STA. 48+35, RT
STA. 48+60, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 45+00 TO 48+00, SOLID RT
STA. 45+00 TO 50+00, SOLID LT
STA. 45+00 TO 46+70, DOTTED RT
STA. 45+11, SOLID RT (EDGELINES, MAIN ST. TH-404)
STA. 47+67 TO 50+00, DOTTED RT
STA. 48+37 TO 49+60, DOTTED LT
STA. 49+60 TO 50+00, SOLID LT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 45+00 TO 50+00, SOLID LT & RT
STA. 45+11, DOUBLE SOLID RT (MAIN ST. TH-404)
STA. 49+69, DOUBLE SOLID RT (MAIN ST. TH-310)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 47+99 TO 48+13, RT (HYDRANT)
SEE SHEET 55

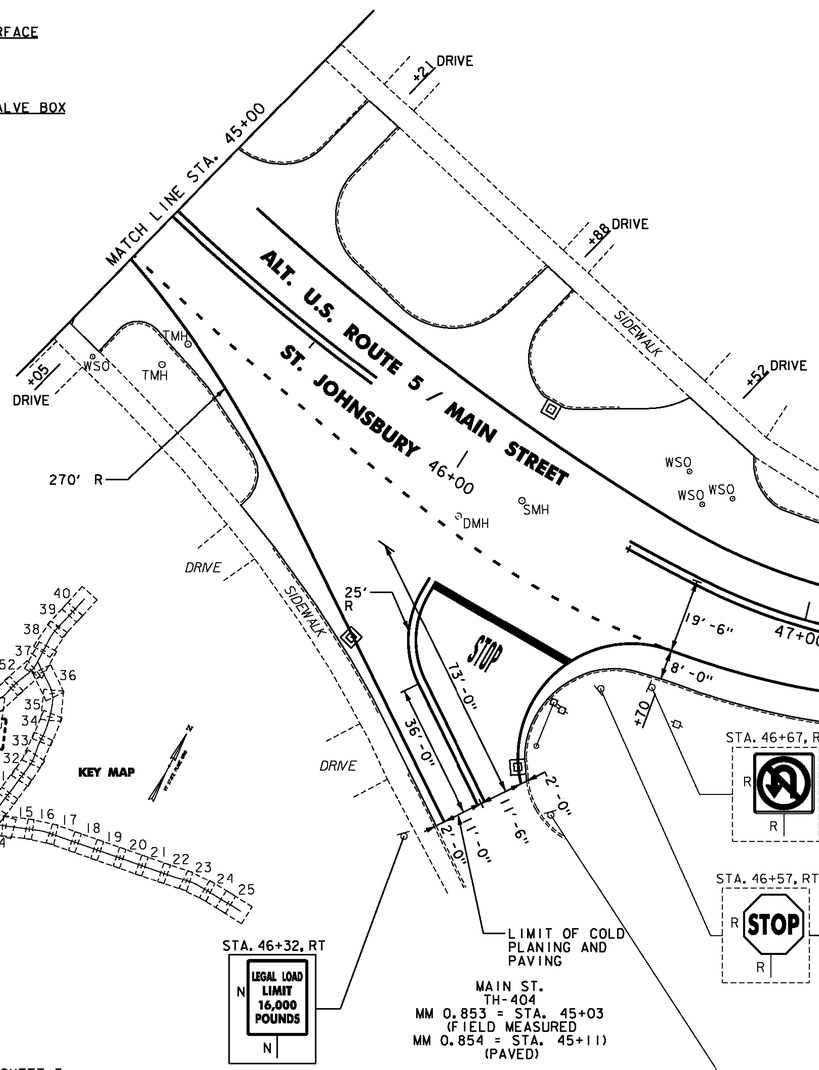
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 45+11, RT (MAIN ST. TH-404)
STA. 49+69, RT (MAIN ST. TH-310)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 45+11, RT "STOP" (MAIN ST. TH-404)
STA. 49+64, LT ARROW
STA. 49+69, RT "STOP" (MAIN ST. TH-310)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 48+16, RT (BOYNTON AVE. TH-364)
STA. 48+24, LT TO 48+57, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 48+16, RT (BOYNTON AVE. TH-364)
STA. 48+24, LT TO 48+57, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 16



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #49

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 113 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 51+59, RT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II, OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 50+75, RT

REMOVAL OF EXISTING CURB
STA. 50+75, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 50+00, LT
STA. 50+33, LT
STA. 50+55, RT
STA. 50+75, RT
STA. 51+03, LT
STA. 51+13, RT

DETECTABLE WARNING SURFACE
STA. 50+00, LT
STA. 50+33, LT
STA. 50+55, RT
STA. 50+75, RT
STA. 51+03, LT
STA. 51+13, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 50+00 TO 50+20, DOTTED RT
STA. 50+00 TO 50+98, SOLID LT (LANE LINE)
STA. 50+00 TO 51+33, SOLID LT
STA. 50+20 TO 55+00, SOLID RT
STA. 50+72, SOLID LT (EDGELINES, MT. PLEASANT ST. TH-310)
STA. 51+64 TO 52+38, SOLID LT
STA. 52+62 TO 53+58, DOTTED LT
STA. 52+94, SOLID LT (EDGELINES, SUMMER ST. TH-506)
STA. 53+58 TO 55+00, SOLID LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 50+00 TO 50+99, DOUBLE SOLID LT
STA. 50+21, DOUBLE SOLID LT (CLINTON AVE. TH-318)
STA. 50+72, DOUBLE SOLID LT (MT. PLEASANT ST. TH-310)
STA. 51+44 TO 53+58, DOUBLE SOLID LT & RT
STA. 52+94, DOUBLE SOLID LT (SUMMER ST. TH-506)
STA. 53+58 TO 55+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 51+48 TO 51+64, LT (GORE & DIAGONALS)
STA. 52+38 TO 52+62, LT (GORE & DIAGONALS)
SEE SHEET 55 (TYP.)

DURABLE & TEMPORARY 8 INCH YELLOW LINE
STA. 51+44 TO 52+72, LT & RT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 50+21, LT (CLINTON AVE. TH-318)
STA. 52+94, LT (SUMMER ST. TH-506)

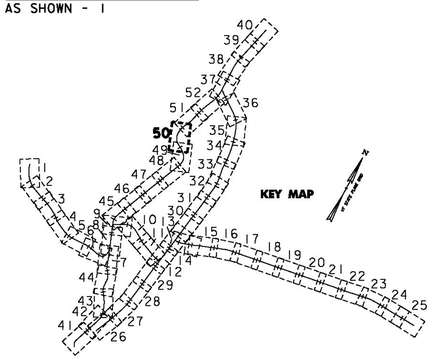
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 50+21, LT "STOP" (CLINTON AVE. TH-318)
STA. 50+72, LT YIELD BAR (3) (MT. PLEASANT ST. TH-310)
SEE SHEET 55
STA. 52+94, LT "STOP" (SUMMER ST. TH-506)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 50+21, LT (CLINTON AVE. TH-318)
STA. 50+62, RT (GREEN ST. TH-418)
STA. 51+03, LT TO 51+13, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 50+21, LT (CLINTON AVE. TH-318)
STA. 50+62, RT (GREEN ST. TH-418)
STA. 51+03, LT TO 51+13, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 35

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #50

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 114 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

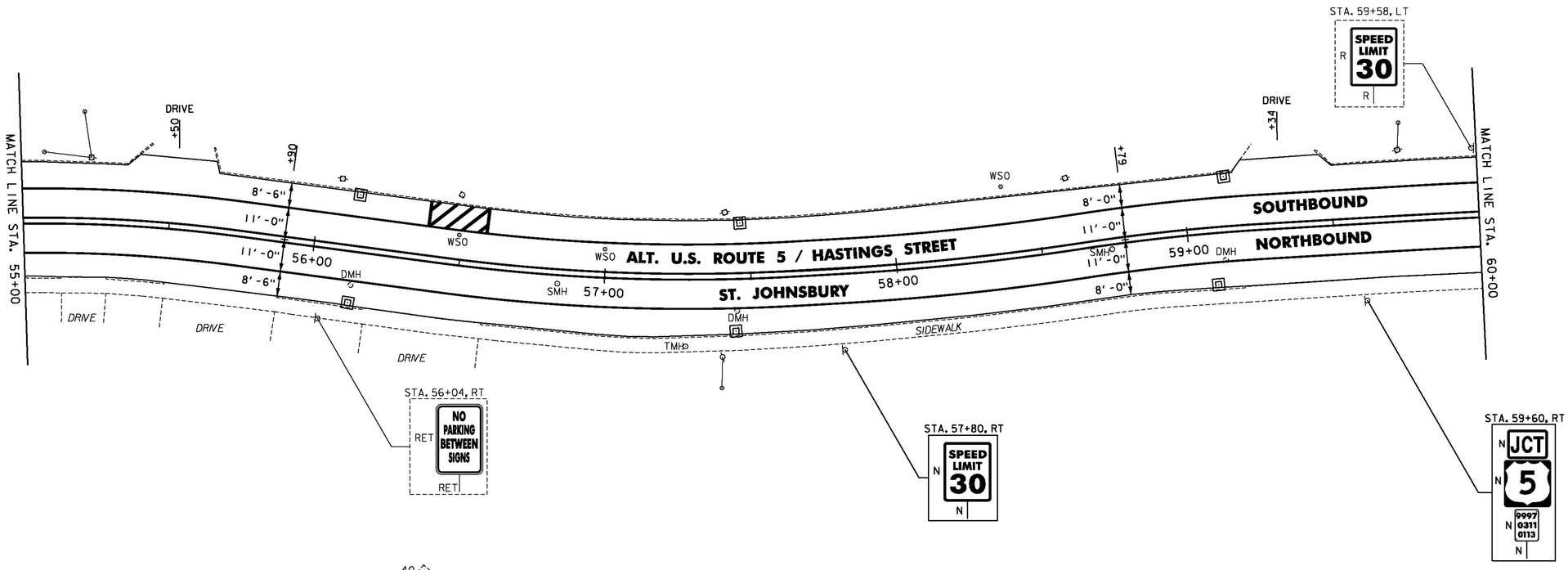
ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

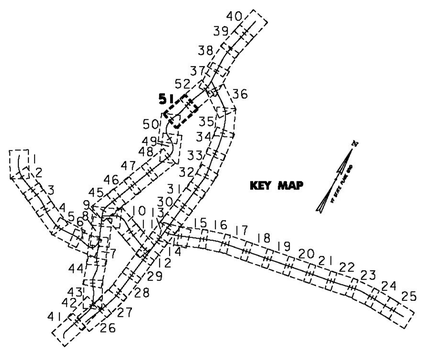
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 55+00 TO 60+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 55+00 TO 60+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 56+38 TO 56+58, LT (HYDRANT)
SEE SHEET 55

REMOVING SIGNS
AS SHOWN - 1





NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #51

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 115 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 61+46, RT

DETECTABLE WARNING SURFACE
STA. 61+46, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 60+00 TO 65+00, SOLID LT & RT
STA. 63+94 TO 65+00, DOTTED RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 60+00 TO 65+00, SOLID LT & RT

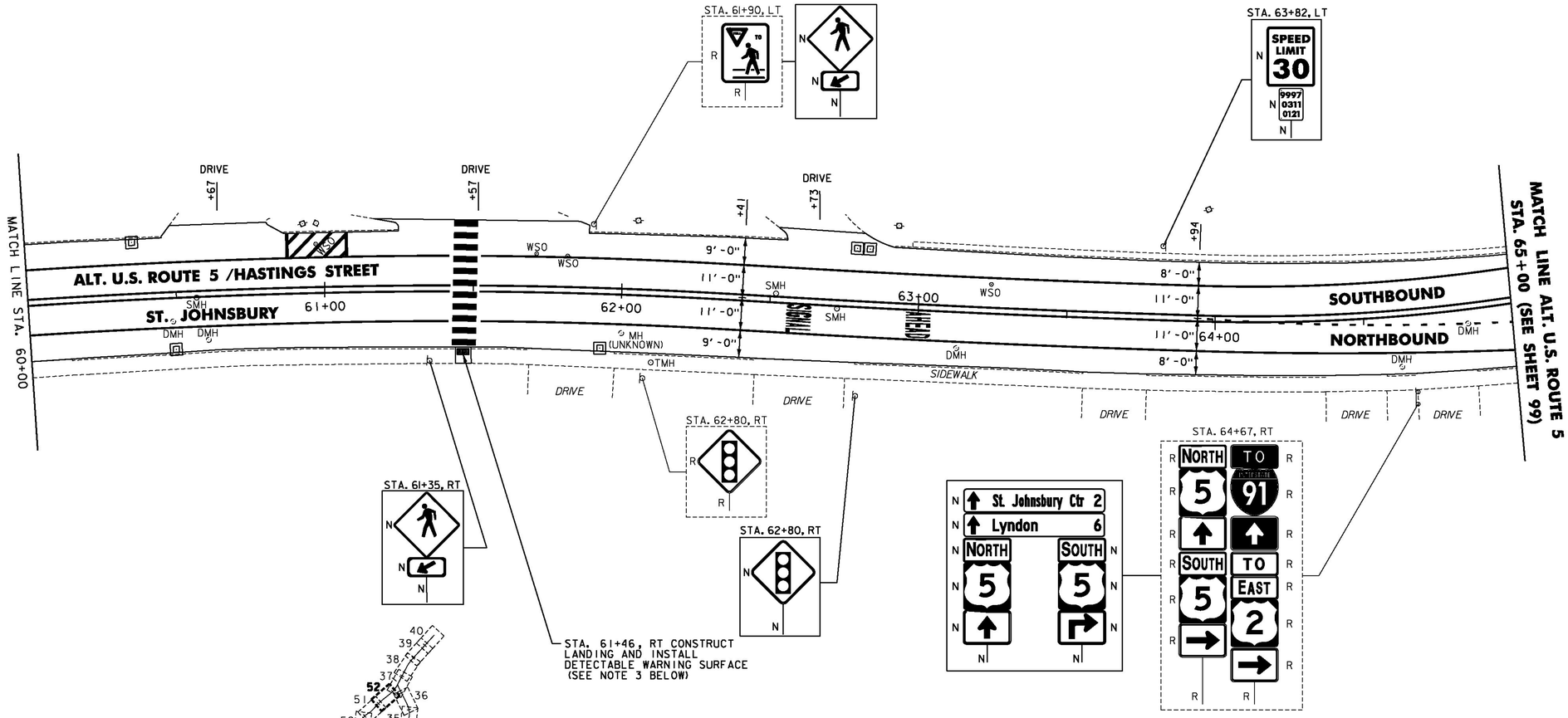
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 60+87 TO 61+07, LT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 62+60, RT "SIGNAL"
STA. 63+00, RT "AHEAD"

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 61+46, RT 61+47, LT
(SEE SHEET 55)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 61+46, RT 61+47, LT
(SEE SHEET 55)

REMOVING SIGNS
AS SHOWN - 15



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

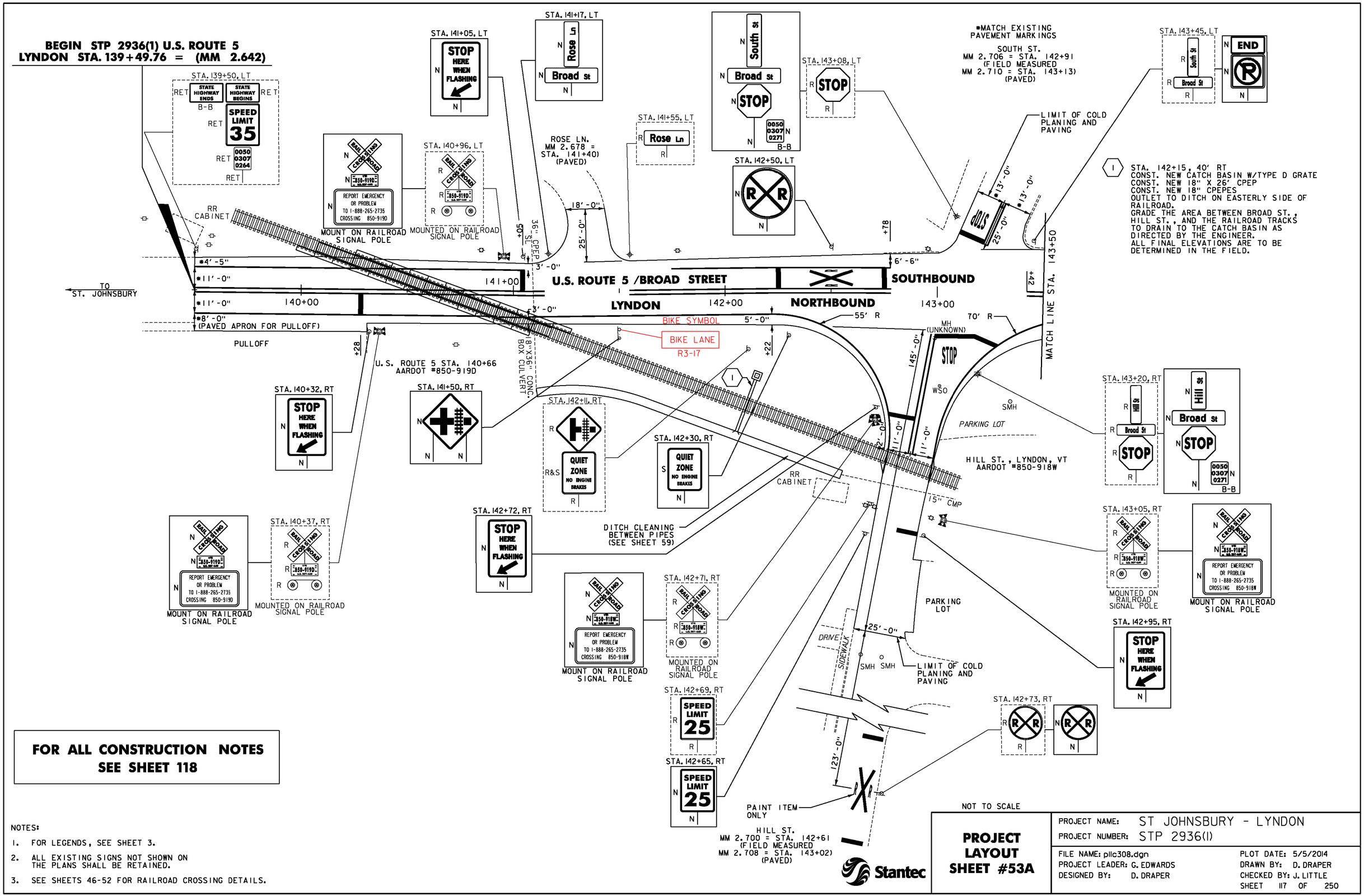
NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #52

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 116 OF 250



1 STA. 142+15, 40' RT
CONST. NEW CATCH BASIN W/TYPE D GRATE
CONST. NEW 18" X 26' CPEP
CONST. NEW 18" CPEPES
OUTLET TO DITCH ON EASTERLY SIDE OF RAILROAD.
GRADE THE AREA BETWEEN BROAD ST., HILL ST., AND THE RAILROAD TRACKS TO DRAIN TO THE CATCH BASIN AS DIRECTED BY THE ENGINEER.
ALL FINAL ELEVATIONS ARE TO BE DETERMINED IN THE FIELD.

FOR ALL CONSTRUCTION NOTES SEE SHEET 118

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. SEE SHEETS 46-52 FOR RAILROAD CROSSING DETAILS.

Stantec

PROJECT LAYOUT SHEET #53A

PROJECT NAME: ST JOHNSBURY - LYNDON	
PROJECT NUMBER: STP 2936(1)	
FILE NAME: pllc308.dgn	PLOT DATE: 5/5/2014
PROJECT LEADER: G. EDWARDS	DRAWN BY: D. DRAPER
DESIGNED BY: D. DRAPER	CHECKED BY: J. LITTLE
	SHEET 117 OF 250

18" CPEP
STA. 142+15, RT

18" CPEPES
STA. 142+15, RT

CONCRETE CATCH BASIN WITH CAST IRON GRATE
STA. 142+15, RT

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

RAILROAD CROSSING SYMBOL
STA. 142+65, RT (HILL ST.)

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
STA. 139+49.76 TO 143+50, SOLID LT & RT
STA. 143+02, SOLID RT (EDGELINES, HILL ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 139+49.76 TO 143+50, SOLID LT & RT
STA. 143+02, DOUBLE SOLID RT (HILL ST.)
STA. 143+13, DOUBLE SOLID LT (SOUTH ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 140+28, RT
STA. 143+02, RT (HILL ST.) (3)
STA. 143+13, LT (SOUTH ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 143+02, RT "STOP" (HILL ST.)
STA. 143+13, LT "STOP" (SOUTH ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 143+02, RT "STOP" (HILL ST.)
STA. 143+13, LT "STOP" (SOUTH ST.)

DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 142+50, LT

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 142+50, LT

REMOVING SIGNS
AS SHOWN - 19

ERECTING SALVAGED SIGNS
AS SHOWN - 1

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #53B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 118 OF 250

REHAB,
Dis. CBs OR MHs. CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

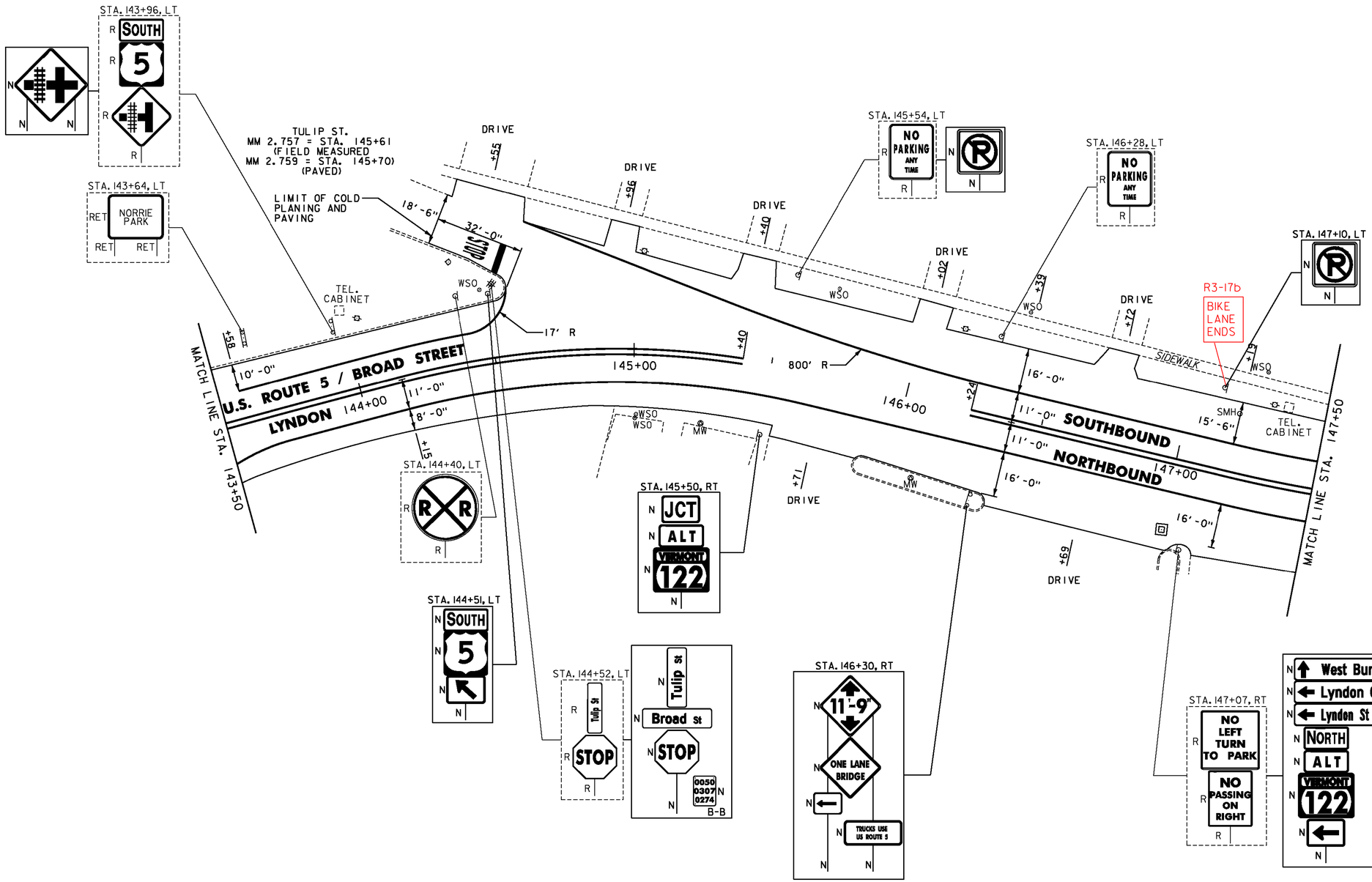
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 143+50 TO 147+50, SOLID LT & RT
STA. 145+70, SOLID LT (EDGELINES, TULIP ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ¢ BREAKS FOR SIDE ROADS)
STA. 143+50 TO 145+00, SOLID LT & RT
STA. 145+00 TO 147+50, DOUBLE SOLID RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 145+70, LT (TULIP ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 145+70, LT "STOP" (TULIP ST.)

REMOVING SIGNS
AS SHOWN - 10



NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

PROJECT LAYOUT SHEET #54

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 119 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

GRANITE SLOPE EDGING
STA. 149+35 TO 150+85, LT
SEE SHEET 57

VERTICAL GRANITE CURB
STA. 150+10, LT SEE
SHEET 57 (TYP.)

REMOVAL OF EXISTING CURB
STA. 150+09, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 148+28, LT
STA. 148+97, LT
STA. 150+09, RT
STA. 150+10, LT (MEDIAN ISLAND)

DETECTABLE WARNING SURFACE
STA. 148+28, LT
STA. 148+97, LT
STA. 150+09, RT
STA. 150+10, LT (IN MEDIAN ISLAND)

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 147+50 TO 148+35, SOLID LT
STA. 147+50 TO 149+36, SOLID RT
STA. 148+93 TO 151+00, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 148+96 TO 149+50, SOLID LT (LANE LINE)
STA. 149+36 TO 151+00, RT (PARKING SPACES & DIAGONALS)
STA. 149+67 TO 150+67, DOTTED RT
STA. 150+67 TO 151+00, SOLID RT (LANE LINE)
ALT VT ROUTE 122
STA. 0+33 TO 1+00, SOLID LT
STA. 0+61 TO 1+00, SOLID RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
U.S. ROUTE 5
STA. 147+50 TO 148+37, DOUBLE SOLID RT
STA. 148+96 TO 151+00, DOUBLE SOLID LT
ALT VT ROUTE 122
STA. 0+70 TO 1+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH YELLOW LINE
U.S. ROUTE 5
STA. 148+06 TO 149+36, SOLID RT-LT (DIAGONALS)
SEE SHEET 55

DURABLE & TEMPORARY LETTER OR SYMBOL
U.S. ROUTE 5
STA. 148+99, LT ARROW
STA. 149+46, LT ARROW
STA. 150+36, LT HANDICAP SYMBOL
STA. 150+71, RT ARROWS (2)

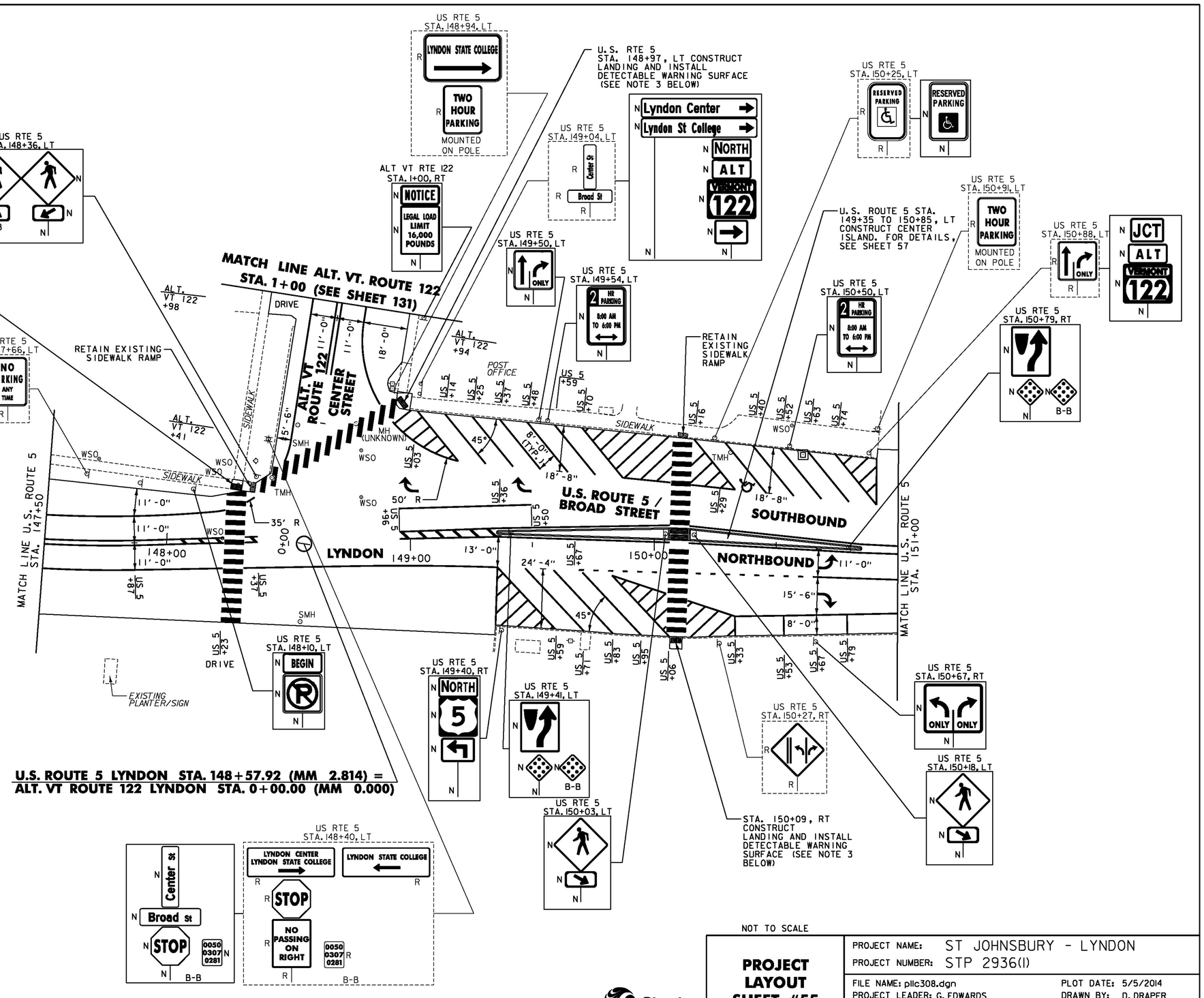
DURABLE CROSSWALK MARKING, TYPE A TAPE
U.S ROUTE 5
STA. 148+28, LT - RT
STA. 148+37 TO 148+97, LT
STA. 150+09, RT - LT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
U.S ROUTE 5
STA. 148+28, LT - RT
STA. 148+37 TO 148+97, LT
STA. 150+09, RT - LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 14

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.



NOT TO SCALE

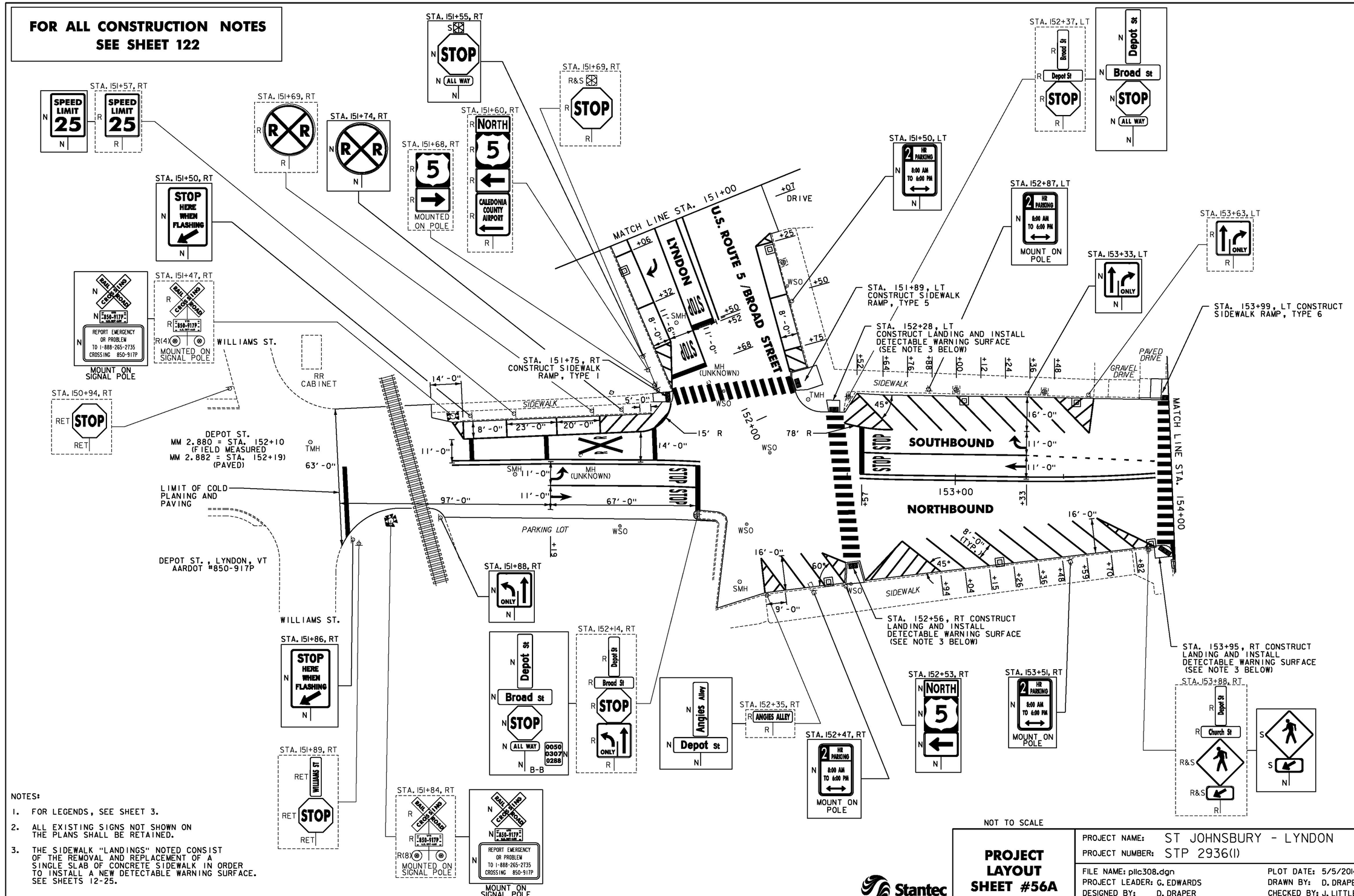
PROJECT LAYOUT SHEET #55

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 120 OF 250

Stantec

FOR ALL CONSTRUCTION NOTES SEE SHEET 122



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEET 53 FOR RAILROAD CROSSING DETAILS.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #56A

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 121 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 151+89, LT
STA. 152+28, LT
STA. 152+56, RT
STA. 153+99, LT

REMOVAL OF EXISTING CURB
STA. 151+89, LT
STA. 152+28, LT
STA. 152+56, RT
STA. 153+99, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 151+75, RT
STA. 151+89, LT
STA. 152+28, LT
STA. 152+56, RT
STA. 153+99, LT
STA. 153+95, RT

DETECTABLE WARNING SURFACE
STA. 151+75, RT
STA. 151+89, LT
STA. 152+28, LT
STA. 152+56, RT
STA. 153+99, LT
STA. 153+95, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
STA. 151+00 TO 154+00, SOLID RT & LT (PARKING SPACES & DIAGONALS) SEE SHEETS 55 TO 56 (TYP.)
STA. 151+00 TO 151+69, SOLID RT (LANE LINE)
STA. 152+19, SOLID RT (LANE LINE, DEPOT ST.)
STA. 152+19, SOLID RT (PARKING SPACES & DIAGONALS, DEPOT ST.)
STA. 152+58 TO 153+33, SOLID LT (LANE LINE)
STA. 153+33 TO 154+00, DOTTED LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 151+00 TO 154+00, SOLID LT & RT
STA. 152+19, DOUBLE SOLID RT (DEPOT ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 151+50, RT
STA. 151+68, RT
STA. 152+19, RT (2) (DEPOT ST.)
STA. 152+57, LT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 151+17, RT ARROW
STA. 151+40, RT "STOP"
STA. 151+59, RT "STOP"
STA. 152+19, RT "STOP" (2) (DEPOT ST.)
STA. 152+19, RT ARROWS (2) (DEPOT ST.)
STA. 152+66, LT "STOP" (2)
STA. 153+29, LT ARROWS (2)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 151+75, RT TO 151+89, LT
STA. 152+28, LT TO 152+56, RT
STA. 153+95, RT TO 153+99, LT
SEE SHEET 55 (TYP.)

DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE
STA. 152+19, RT (DEPOT ST.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 151+75, RT TO 151+89, LT
STA. 152+28, LT TO 152+56, RT
STA. 153+95, RT TO 153+99, LT
SEE SHEET 55 (TYP.)

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
STA. 152+19, RT (DEPOT ST.)

REMOVING SIGNS
AS SHOWN - 26

ERECTING SALVAGED SIGNS
AS SHOWN - 2

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)
STA. 151+55, RT

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #56B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 122 OF 250

FOR ALL CONSTRUCTION NOTES SEE SHEET 124

STA. 154+04, LT
RET
RET
RESERVED PARKING
RET
MOUNTED ON POLE

STA. 155+32, LT
N SOUTH 5 N
MOUNT ON POLE

STA. 154+40, LT
2 HR PARKING 8:00 AM TO 6:00 PM N
MOUNT ON POLE

STA. 155+00, LT
2 HR PARKING 8:00 AM TO 6:00 PM N
MOUNT ON POLE

STA. 155+59, LT
S S N

STA. 155+57, LT
R Elm St
R Depot St
R&S R&S
R

STA. 155+58, LT
R STOP R

N Elm St
N Depot St
N STOP N
0050 0307 0295
B-B

*MATCH EXISTING PAVEMENT MARKINGS
ELM ST.
MM 2.951 = STA. 155+83
(FIELD MEASURED
MM 2.952 = STA. 155+91)
(PAVED)

STA. 155+63, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

LIMIT OF COLD PLANING AND PAVING

STA. 156+20, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

STA. 156+58, LT
TWO HOUR PARKING
MOUNTED ON POLE

2 HR PARKING 8:00 AM TO 6:00 PM N
MOUNT ON POLE

STA. 157+50, LT
2 HR PARKING 8:00 AM TO 6:00 PM N

STA. 158+03, LT
R SOUTH 5 R
RET
RET
MOUNTED ON POLE

STA. 158+06, LT CONSTRUCT SIDEWALK RAMP, TYPE 6

MAY USE FULL LANE
R4-11

STA. 158+08, LT
RESERVED PARKING
RET
RET

STA. 158+09, LT
R Depot St
R Main St
R STOP R
B-B

*MATCH EXISTING PAVEMENT MARKINGS
MAIN ST.
MM 2.998 = STA. 158+29
(FIELD MEASURED
MM 2.998 = STA. 158+32)
(PAVED)

N Main St
N Depot St
N STOP N
0050 0307 0299
B-B

LIMIT OF COLD PLANING AND PAVING

STA. 158+25, LT CONSTRUCT SIDEWALK RAMP, TYPE 5

STA. 158+25, LT
N N

STA. 158+25, LT
N NORTH 5 N

STA. 158+58, LT
R NORTH 5 R
MOUNTED ON POLE

N SOUTH 5 N
MOUNT ON POLE

STA. 159+00. LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

N Maple St
N Main St
N STOP N
0050 0307 0301
B-B

STA. 158+95, LT
R STOP R

MAPLE ST.
MM 3.015 = STA. 159+21
(FIELD MEASURED
MM 3.015 = STA. 159+22)
(PAVED)

STA. 159+44, LT CONSTRUCT SIDEWALK RAMP, TYPE 1

STA. 159+45, LT
RET SPEED LIMIT 25 RET

STA. 159+46, LT
R Maple St
R Main St
R

STA. 159+93, LT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

STA. 155+10, RT
2 HR PARKING 8:00 AM TO 6:00 PM N

STA. 155+63, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

STA. 156+30, RT
2 HR PARKING 8:00 AM TO 6:00 PM N
MOUNT ON POLE

STA. 157+34, RT
2 HR PARKING 8:00 AM TO 6:00 PM N
MOUNT ON POLE

STA. 157+95, RT
S S N

STA. 154+68, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

STA. 155+55, RT
R&S R&S R
S S N

STA. 157+98, RT
R&S R&S R
MOUNTED IN EXISTING CONC. PLANTER

STA. 158+04, RT CONSTRUCT LANDING AND INSTALL DETECTABLE WARNING SURFACE (SEE NOTE 3 BELOW)

STA. 159+87, RT
STA. 159+98, LT
RET RET RET

STA. 159+93, RT CONSTRUCT SIDEWALK RAMP, TYPE 2

MAY USE FULL LANE
R4-11

STA. 154+70, RT
R STOP R

N Church St
N Depot St
N STOP N
0050 0307 0293
B-B

LIMIT OF COLD PLANING AND PAVING

CHURCH ST.
MM 2.921 = STA. 154+25
(FIELD MEASURED
MM 2.922 = STA. 154+31)
(PAVED)

*MATCH EXISTING PAVEMENT MARKINGS

MATCH LINE STA. 154+00

MATCH LINE STA. 160+00

U.S. ROUTE 5 /DEPOT STREET

LYNDON

MAIN STREET

NORTHBOUND

SOUTHBOUND

SIDEWALK

DRIVE

MH (UNKNOWN)

TMH

DMH

SMH

WSO

GUYW

BIKE SHARE SYMBOL

SYMBOL

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.
4. SEE SHEET 245 FOR FLASHING BEACON DETAILS.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #57A

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 123 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 154+04, LT
STA. 155+58, LT
SEE SHEET 241 (TYP.)

CHANGING ELEVATION OF Dis, CBs OR MHs
SEE SHEET 27

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 155+63, RT
STA. 158+06, LT
STA. 158+25, LT

REMOVAL OF EXISTING CURB
STA. 155+63, RT
STA. 158+06, LT
STA. 158+25, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 154+68, RT
STA. 155+63, RT
STA. 155+63, LT
STA. 156+20, LT
STA. 158+04, RT
STA. 158+06, LT
STA. 158+25, LT
STA. 159+00, LT
STA. 159+44, LT
STA. 159+93, RT
STA. 159+93, LT

DETECTABLE WARNING SURFACE
STA. 154+68, RT
STA. 155+63, RT
STA. 155+63, LT
STA. 156+20, LT
STA. 158+04, RT
STA. 158+06, LT
STA. 158+25, LT
STA. 159+00, LT
STA. 159+44, LT
STA. 159+93, RT
STA. 159+93, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS
AND RADII FOR SIDE ROADS)
STA. 154+00 TO 158+03, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 154+00 TO 154+52, DOTTED LT
STA. 154+31, SOLID RT (PARKING SPACES & DIAGONALS, CHURCH ST.)
STA. 154+61 TO 158+01, SOLID RT (PARKING SPACES & DIAGONALS)
STA. 155+91, SOLID LT (PARKING SPACES & DIAGONALS, ELM ST.)
STA. 158+30 TO 159+01, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 158+32, SOLID LT (PARKING SPACES & DIAGONALS, MAIN ST.)
STA. 158+39 TO 160+00, SOLID RT
STA. 159+22, SOLID LT (PARKING SPACES & DIAGONALS, MAPLE ST.)
STA. 159+44 TO 160+00, SOLID LT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 154+00 TO 160+00, SOLID LT & RT
STA. 154+31, DOUBLE SOLID RT (CHURCH ST.)
STA. 155+91, DOUBLE SOLID LT (ELM ST.)
STA. 159+22, DOUBLE SOLID LT (MAPLE ST.)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 159+76 TO 159+88, RT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 154+31, RT (CHURCH ST.)
STA. 155+91, LT (ELM ST.)
STA. 158+32, LT (MAIN ST.)
STA. 159+22, LT (MAPLE ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 154+29, LT HANDICAP SYMBOL
STA. 154+31, RT "STOP" (CHURCH ST.)
STA. 155+91, LT "STOP" (ELM ST.)
STA. 158+32, LT "STOP" (MAIN ST.)
STA. 159+22, LT "STOP" (MAPLE ST.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 154+31, RT (CHURCH ST.)
STA. 155+63, LT - RT
STA. 155+91, LT (ELM ST.)
STA. 158+04, RT TO 158+06, LT
STA. 158+32, LT (MAIN ST.)
STA. 159+22, LT (MAPLE ST.)
STA. 159+93, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 154+31, RT (CHURCH ST.)
STA. 155+63, LT - RT
STA. 155+91, LT (ELM ST.)
STA. 158+04, RT TO 158+06, LT
STA. 158+32, LT (MAIN ST.)
STA. 159+22, LT (MAPLE ST.)
STA. 159+93, LT - RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 24

ERECTING SALVAGED SIGNS
AS SHOWN - 6

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #57B

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 124 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 161+45 TO 161+64, RT
SEE SHEET 56 (TYP.)
STA. 161+50, LT
STA. 162+65, LT
STA. 163+15, RT
STA. 164+02, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 163+40, RT
STA. 163+82, RT

DETECTABLE WARNING SURFACE
STA. 163+40, RT
STA. 163+82, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 160+00 TO 164+50, LT - RT
STA. 163+04 TO 163+36, SOLID RT (NO PARKING)
STA. 163+61, SOLID RT (NO PARKING, MIDDLE ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE 4 BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 160+00 TO 164+50, SOLID LT & RT
STA. 163+53, DOUBLE SOLID LT (PARK AVE.)
STA. 163+61, DOUBLE SOLID RT (MIDDLE ST.)

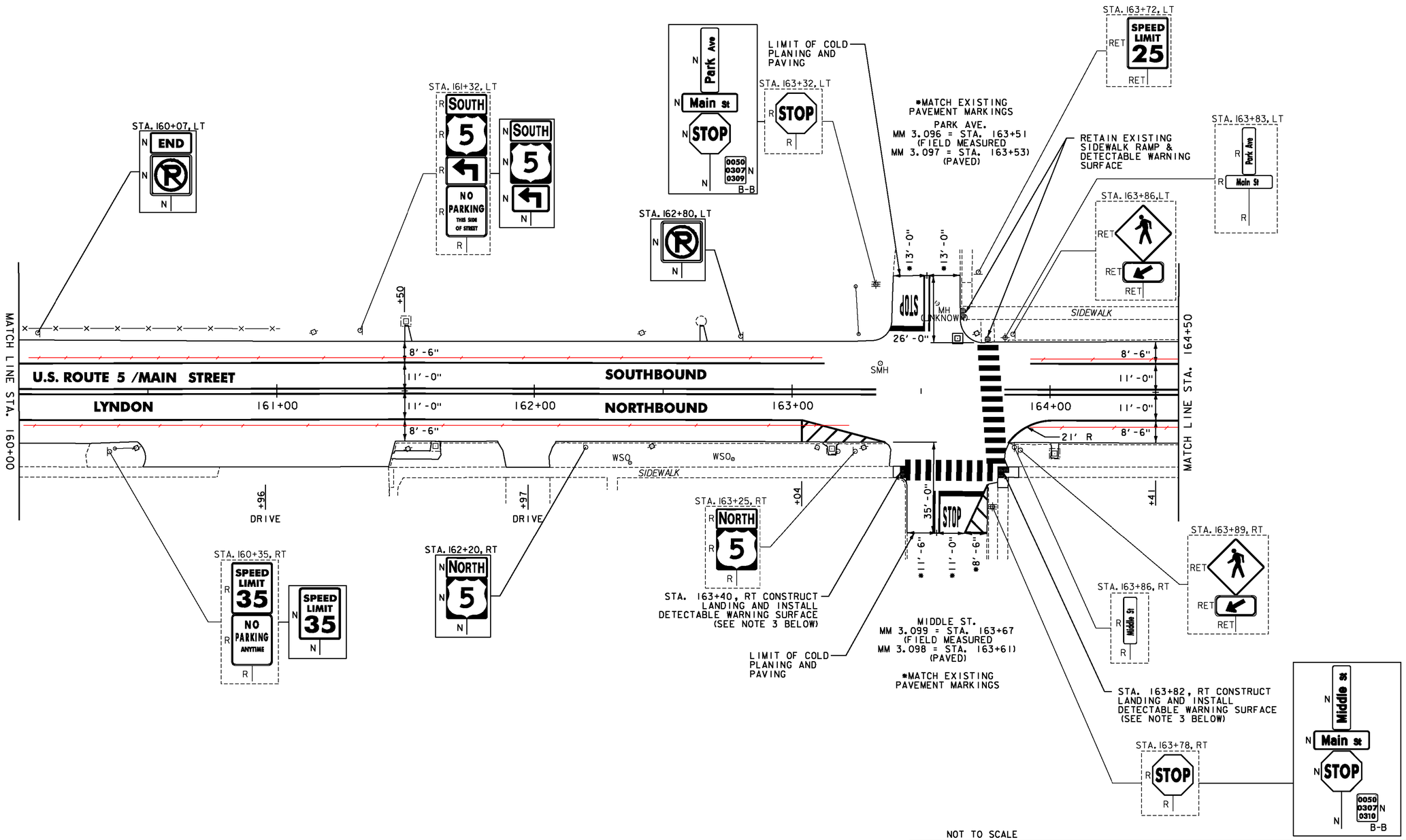
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 163+53, LT (PARK AVE.)
STA. 163+61, RT (MIDDLE ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 163+53, LT "STOP" (PARK AVE.)
STA. 163+61, RT "STOP" (MIDDLE ST.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 163+61, RT (MIDDLE ST.)
STA. 163+76, LT TO 163+79, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 163+61, RT (MIDDLE ST.)
STA. 163+76, LT TO 163+79, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 13



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #58

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 125 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

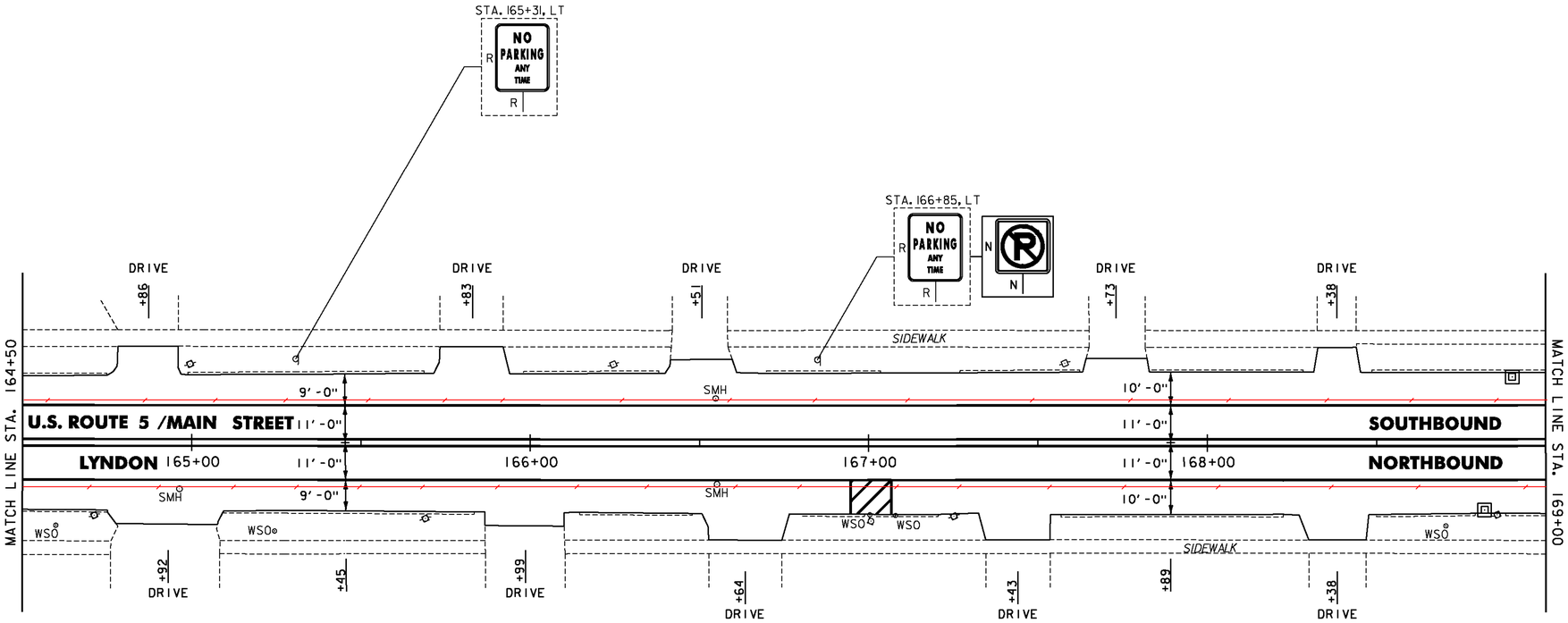
CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 164+50 TO 169+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 164+50 TO 169+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 166+95 TO 167+07, RT (HYDRANT)
SEE SHEET 55

REMOVING SIGNS
AS SHOWN - 2



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #59

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 126 OF 250

REHAB.
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 171+53, LT

REMOVAL OF EXISTING CURB
STA. 171+53, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 171+42, RT
STA. 171+53, LT

DETECTABLE WARNING SURFACE
STA. 171+42, RT
STA. 171+53, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 169+00 TO 174+50, SOLID LT - RT
STA. 172+16, SOLID LT (EDGELINES, POWERS PARK)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 169+00 TO 174+50, SOLID LT & RT
STA. 171+75, DOUBLE SOLID RT (GROVE ST.)
STA. 172+16, DOUBLE SOLID LT (POWERS PARK)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 171+21 TO 171+33, RT (HYDRANT)
SEE SHEET 55

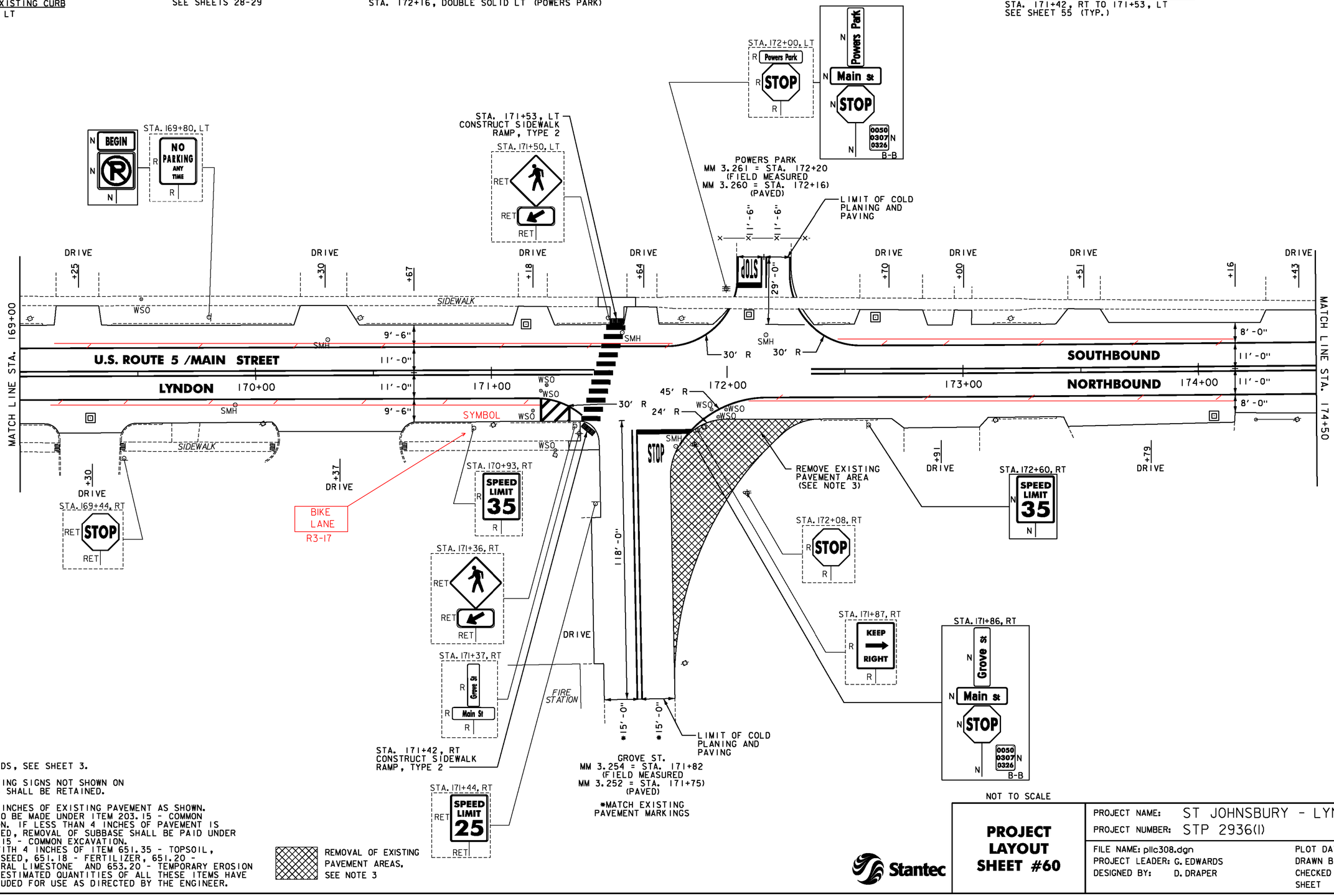
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 171+75, RT (GROVE ST.)
STA. 172+16, LT (POWERS PARK)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 171+75, RT "STOP" (GROVE ST.)
STA. 172+16, LT "STOP" (POWERS PARK)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 171+42, RT TO 171+53, LT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 171+42, RT TO 171+53, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 8



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. REMOVE 4 INCHES OF EXISTING PAVEMENT AS SHOWN. PAYMENT TO BE MADE UNDER ITEM 203.15 - COMMON EXCAVATION. IF LESS THAN 4 INCHES OF PAVEMENT IS ENCOUNTERED, REMOVAL OF SUBBASE SHALL BE PAID UNDER ITEM 203.15 - COMMON EXCAVATION. REPLACE WITH 4 INCHES OF ITEM 651.35 - TOPSOIL, 651.15 - SEED, 651.18 - FERTILIZER, 651.20 - AGRICULTURAL LIMESTONE AND 653.20 - TEMPORARY EROSION MATTING. ESTIMATED QUANTITIES OF ALL THESE ITEMS HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.

REMOVAL OF EXISTING PAVEMENT AREAS, SEE NOTE 3

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #60

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 127 OF 250

REHAB,
Dis, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 176+72, LT

DETECTABLE WARNING SURFACE
STA. 176+72, LT

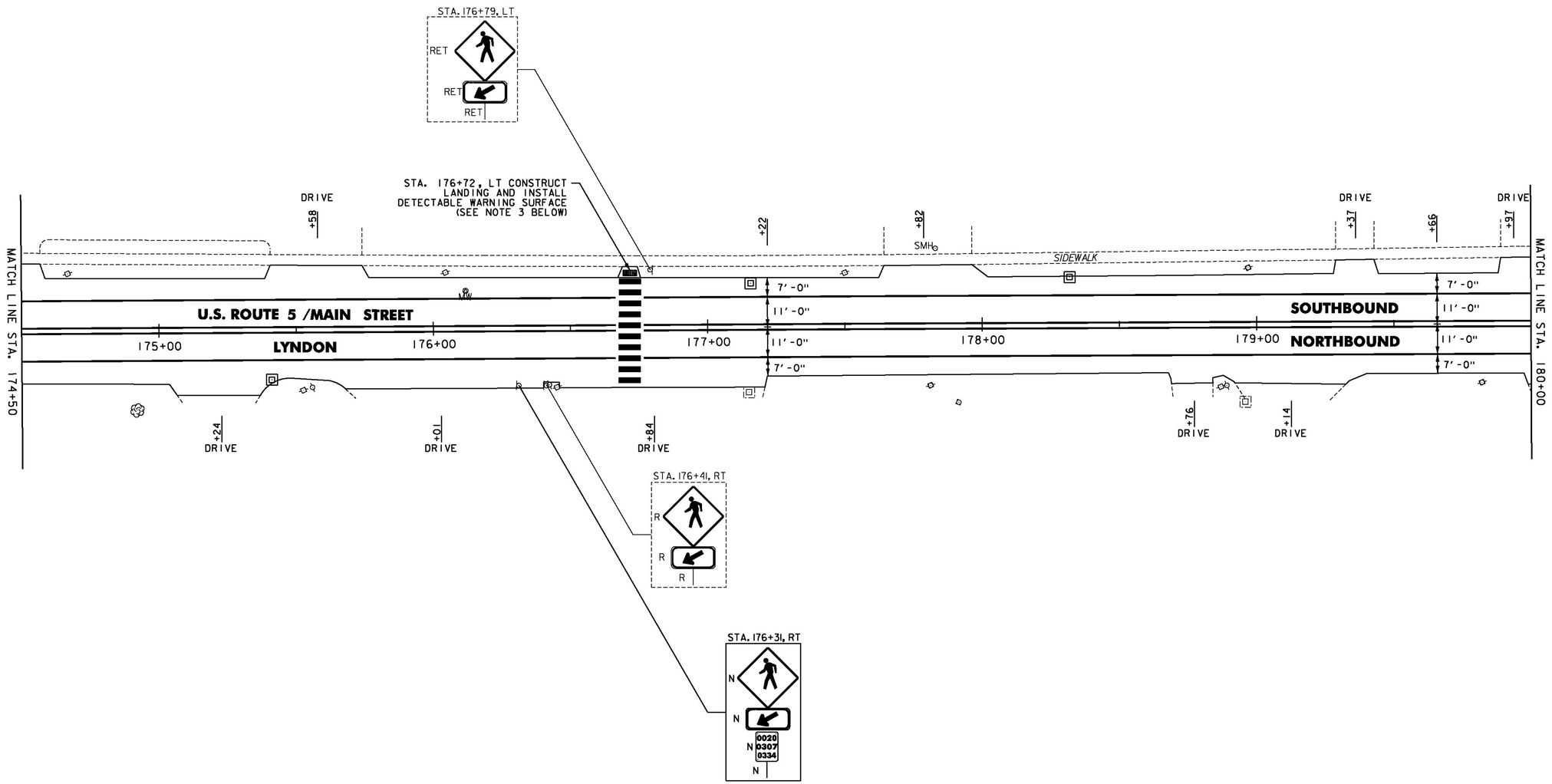
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 174+50 TO 180+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 174+50 TO 180+00, SOLID LT & RT

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 176+72, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 176+72, LT - RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 2



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #61

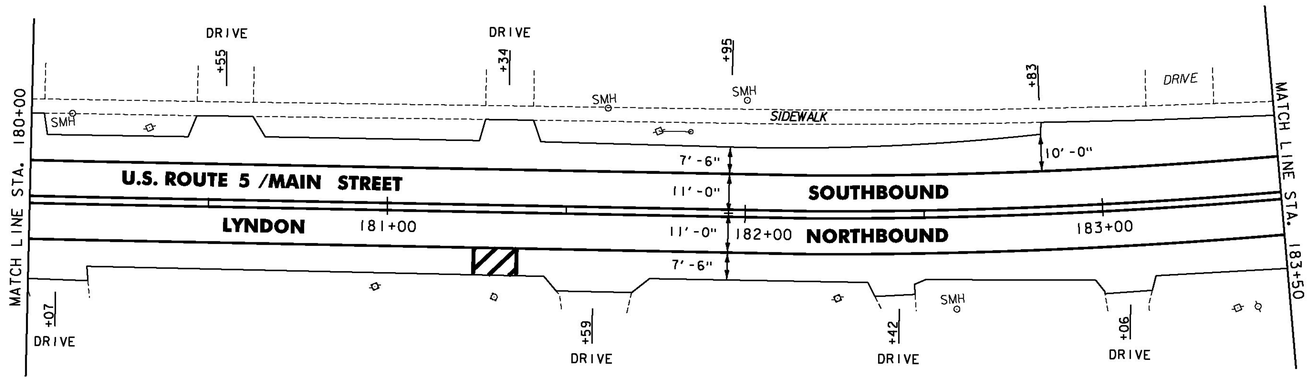
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 128 OF 250

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 180+00 TO 183+50, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 180+00 TO 183+50, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 181+24 TO 181+36, RT (HYDRANT)
SEE SHEET 55



REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 186+27, LT
STA. 186+75, RT

DETECTABLE WARNING SURFACE
STA. 186+27, LT
STA. 186+75, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 183+50 TO 187+50, SOLID LT & RT

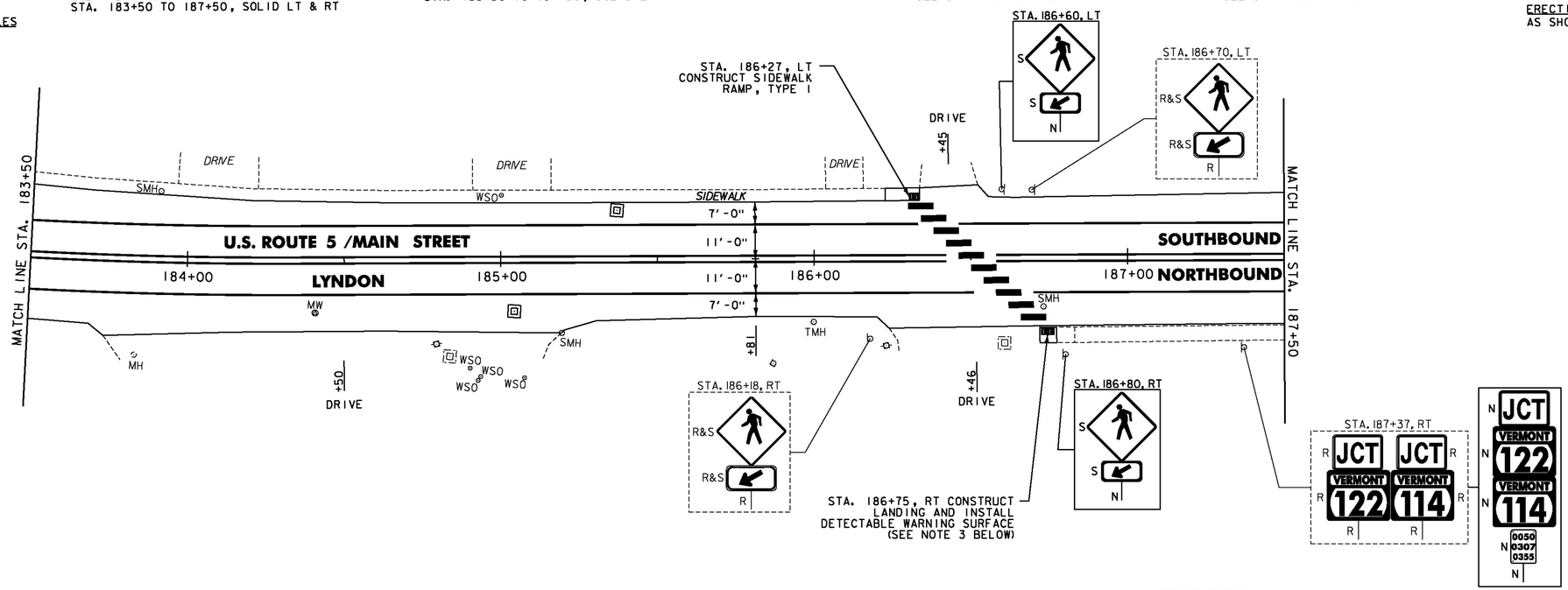
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 183+50 TO 187+50, SOLID LT & RT

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 186+34, LT TO 186+72, RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 186+34, LT TO 186+72, RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 4



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #62

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 129 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 187+62.5 TO 188+12.5, LT
STA. 189+53.0 TO 189+90.5, LT
STA. 189+97.5 TO 190+97.5, RT
STA. 190+57.0 TO 191+07.0, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 187+62.5, LT
STA. 188+12.5, LT
STA. 189+53, LT
STA. 189+90.5, LT
STA. 189+97.5, RT
STA. 190+57.0, LT

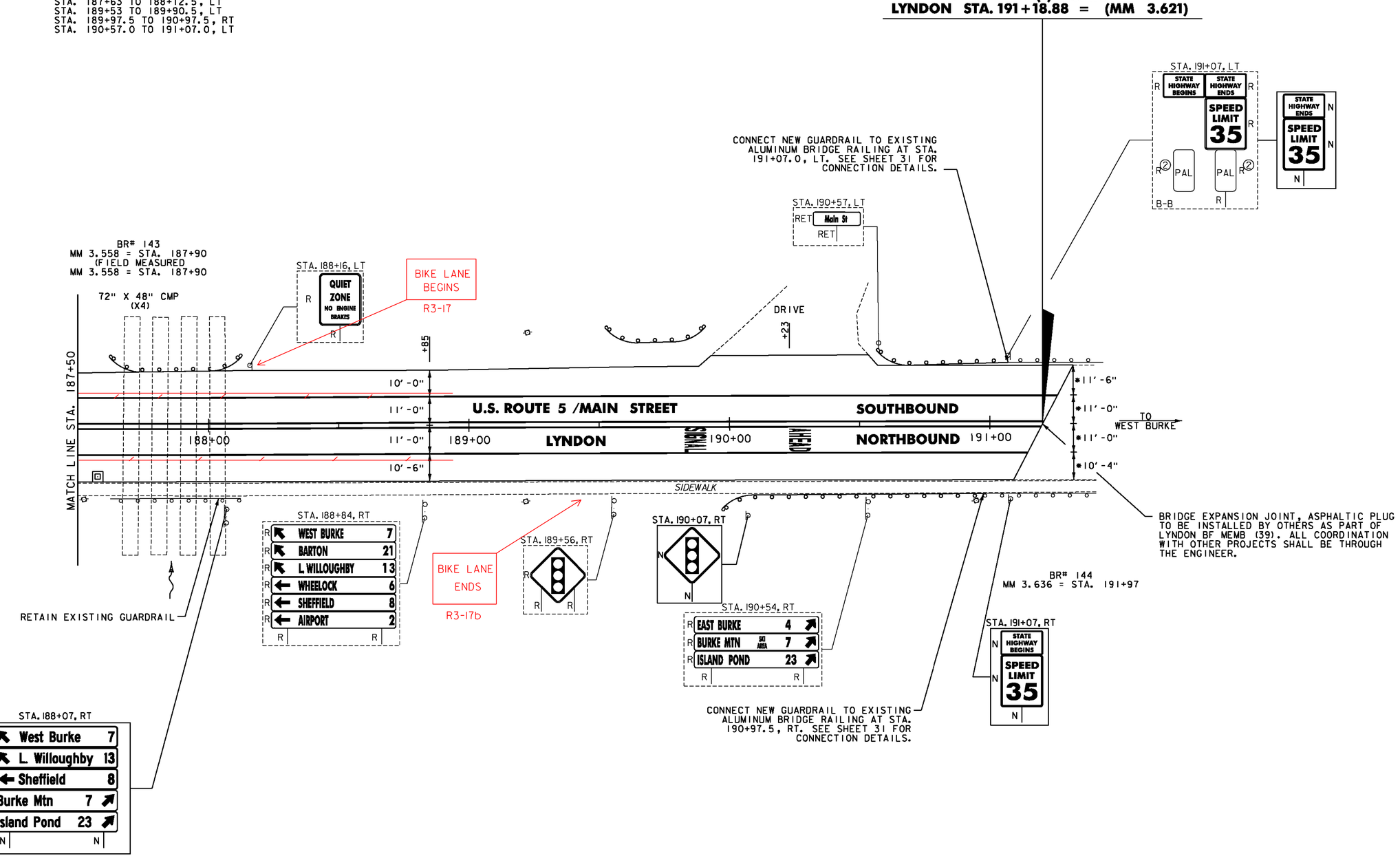
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 187+63 TO 188+12.5, LT
STA. 189+53 TO 189+90.5, LT
STA. 189+97.5 TO 190+97.5, RT
STA. 190+57.0 TO 191+07.0, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 187+50 TO 191+18.88, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 187+50 TO 191+18.88, SOLID LT & RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 189+87, RT "SIGNAL"
STA. 190+27, RT "AHEAD"

REMOVING SIGNS
AS SHOWN - 16



NOTES:
1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #63

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 130 OF 250

REHAB, DIS., CBs OR MHs., CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 2+37, RT
SEE SHEET 56

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 4+90, RT
STA. 5+02, LT
STA. 5+42, RT

DETECTABLE WARNING SURFACE
STA. 4+90, RT
STA. 5+02, LT
STA. 5+42, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 1+00 TO 6+00, SOLID LT & RT
STA. 5+22, SOLID RT (PARKING SPACES & DIAGONALS, ELM ST.)
SEE SHEET 55

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 1+00 TO 6+00, SOLID LT & RT
STA. 5+22, DOUBLE SOLID RT (ELM ST.)
STA. 5+26, DOUBLE SOLID LT (SOUTH ST.)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 4+73 TO 4+85, LT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 5+22, RT (ELM ST.)
STA. 5+26, LT (SOUTH ST.)

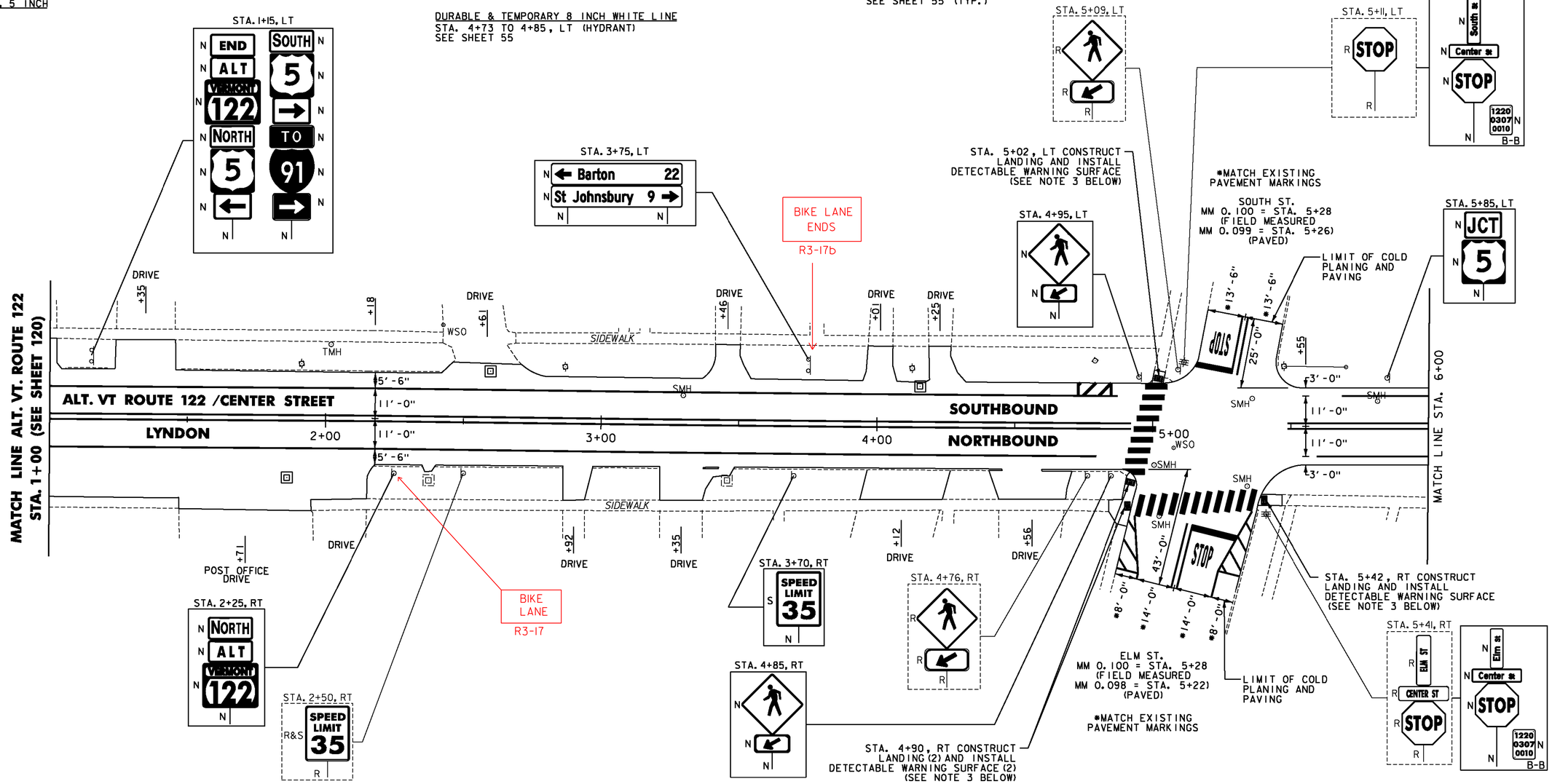
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 5+22, RT "STOP" (ELM ST.)
STA. 5+26, LT "STOP" (SOUTH ST.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 4+90, RT TO 5+02, LT
STA. 5+22, RT (ELM ST.)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 4+90, RT TO 5+02, LT
STA. 5+22, RT (ELM ST.)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #64

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 131 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 7+50, RT
STA. 8+10, RT

DETECTABLE WARNING SURFACE
STA. 7+50, RT
STA. 8+10, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 6+00 TO 11+00, SOLID LT & RT
STA. 7+89, SOLID RT (EDGELINES, MAIN ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 6+00 TO 11+00, SOLID LT & RT
STA. 7+89, DOUBLE SOLID RT (MAIN ST.)

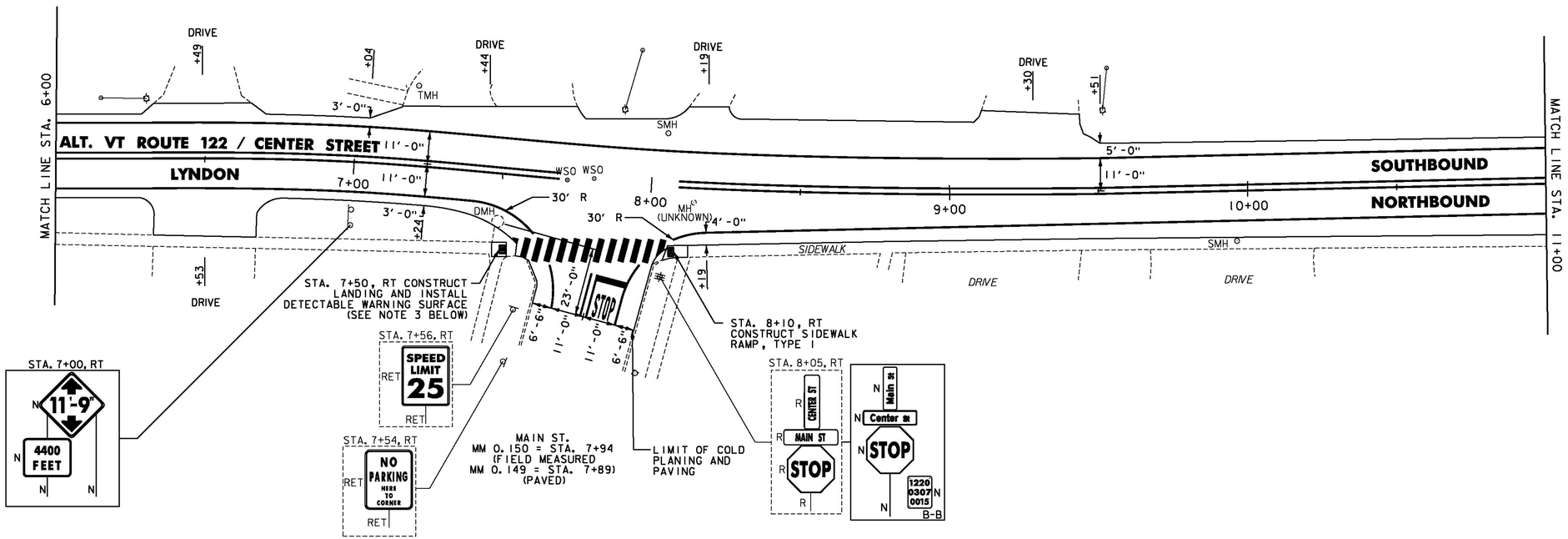
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 7+89, RT (MAIN ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 7+89, RT "STOP" (MAIN ST.)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 7+89, RT (MAIN ST.)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 7+89, RT (MAIN ST.)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 3



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #65

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 132 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 11+70, RT
STA. 12+35, RT

DETECTABLE WARNING SURFACE
STA. 11+70, RT
STA. 12+35, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 11+00 TO 16+25, SOLID LT & RT
STA. 12+10, SOLID RT (EDGELINES, PARK AVENUE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 11+00 TO 16+25, SOLID LT & RT
STA. 12+10, DOUBLE SOLID RT (PARK AVENUE)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 12+10, RT (PARK AVENUE)

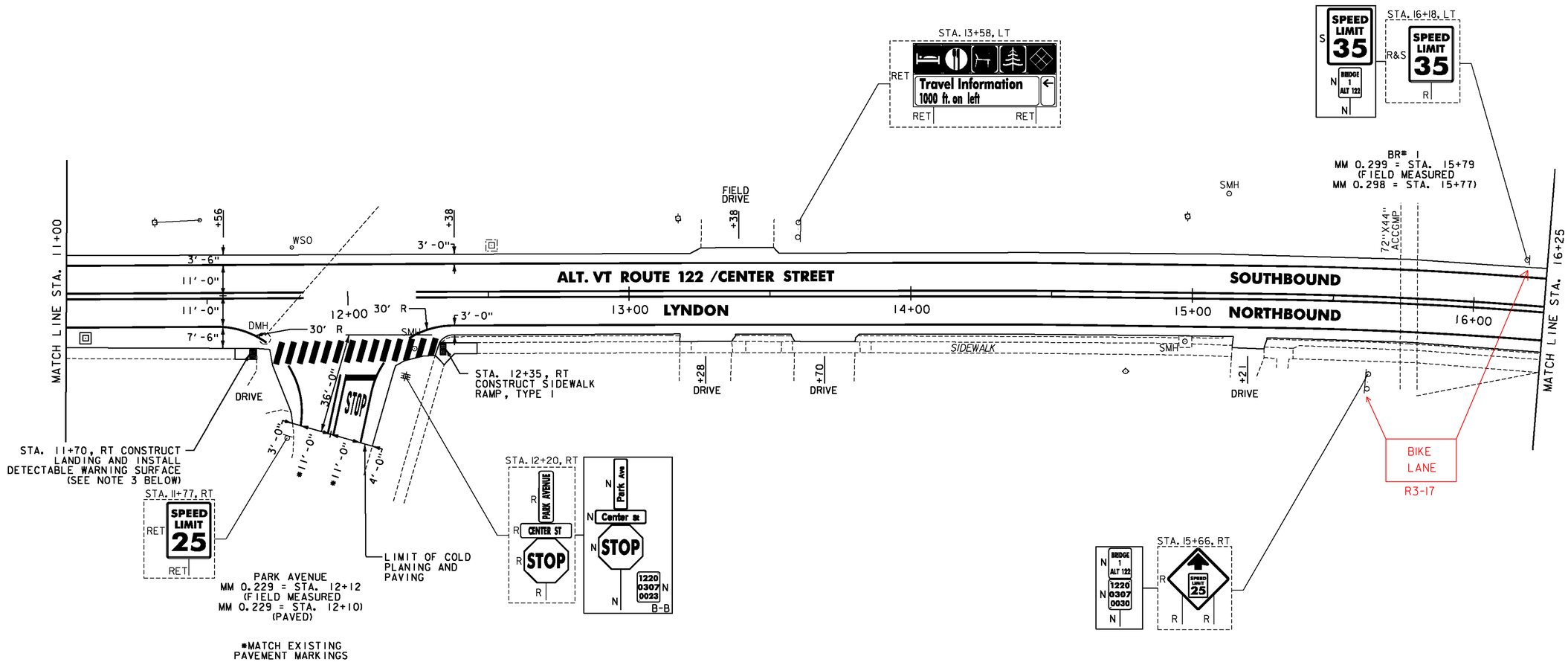
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 12+10, RT "STOP" (PARK AVENUE)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 12+10, RT (PARK AVENUE)
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 12+10, RT (PARK AVENUE)
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #66

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 133 OF 250

THINNING AND TRIMMING FOR SIGNS
STA. 17+80, RT
SEE SHEET 241 (TYP.)

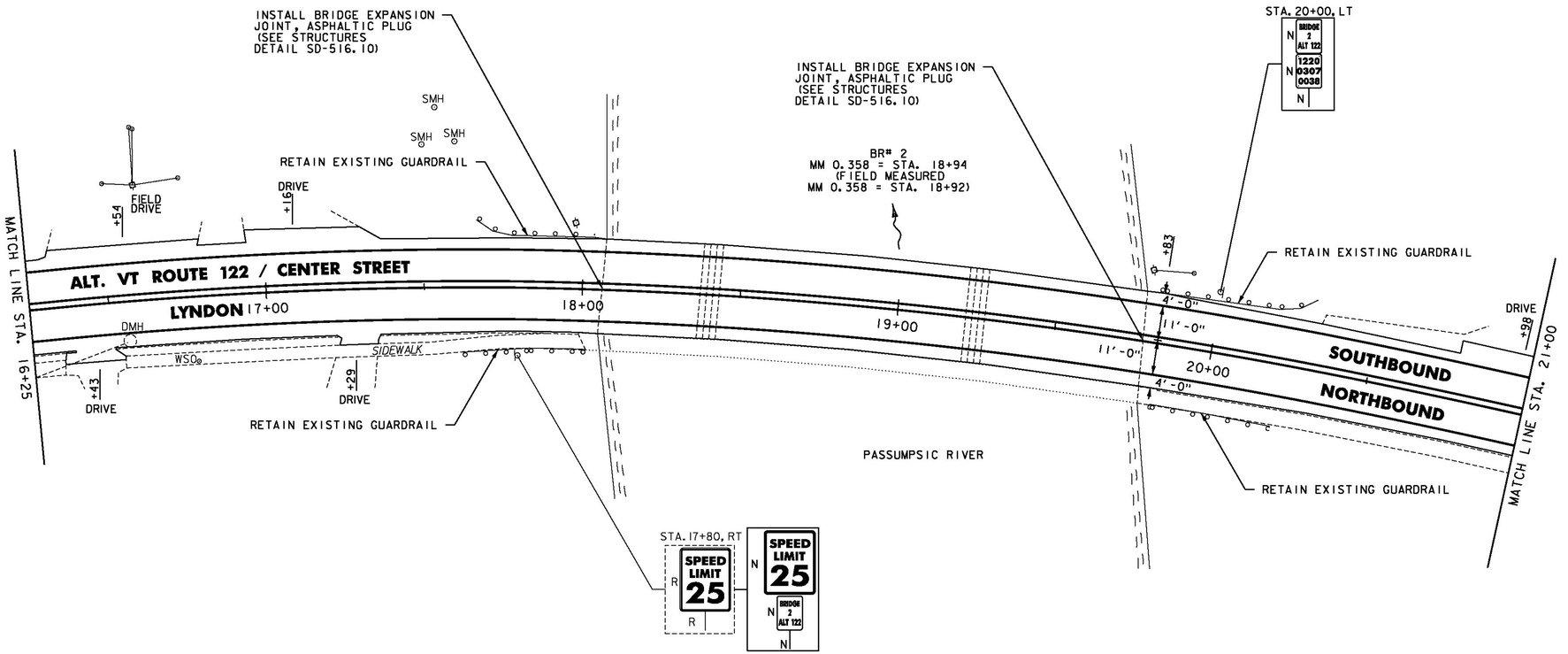
CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 16+25 TO 21+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 16+25 TO 21+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #67

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 134 OF 250

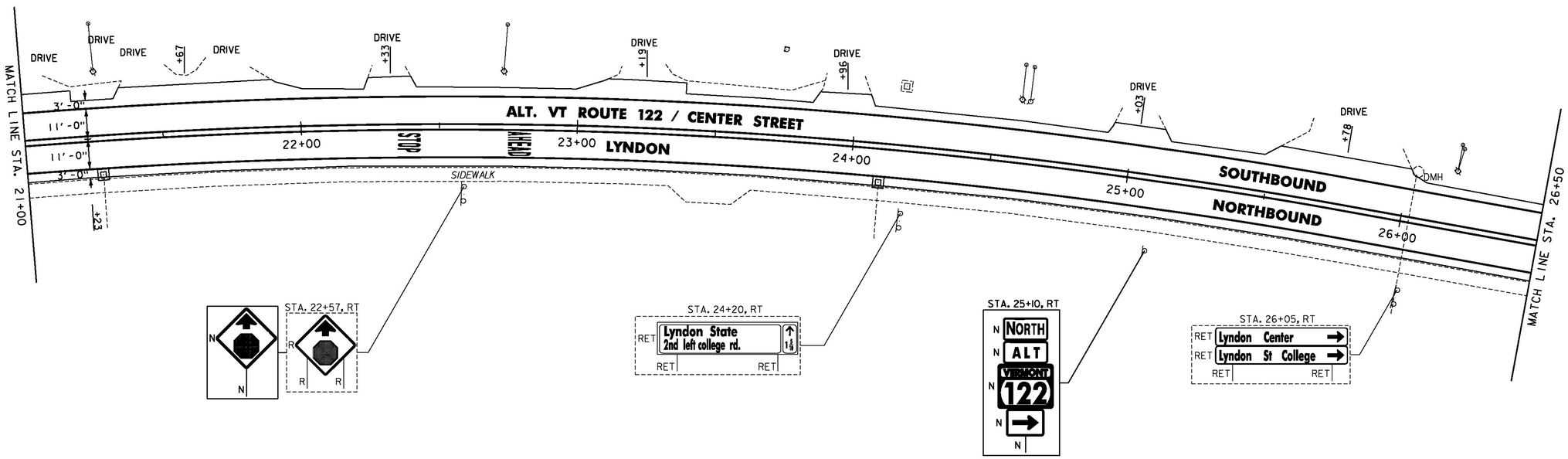
REHAB.
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 21+00 TO 26+50, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 21+00 TO 26+50, SOLID LT & RT

DURABLE & TEMPORARY LETTER OR SYMBOL
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 22+37, RT "STOP"
STA. 22+77, "AHEAD"

REMOVING SIGNS
AS SHOWN - I



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #68

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 135 OF 250

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 26+50 TO 30+50, SOLID LT & RT
STA. 28+91, SOLID LT (EDGELINES, BACK CENTER ROAD)

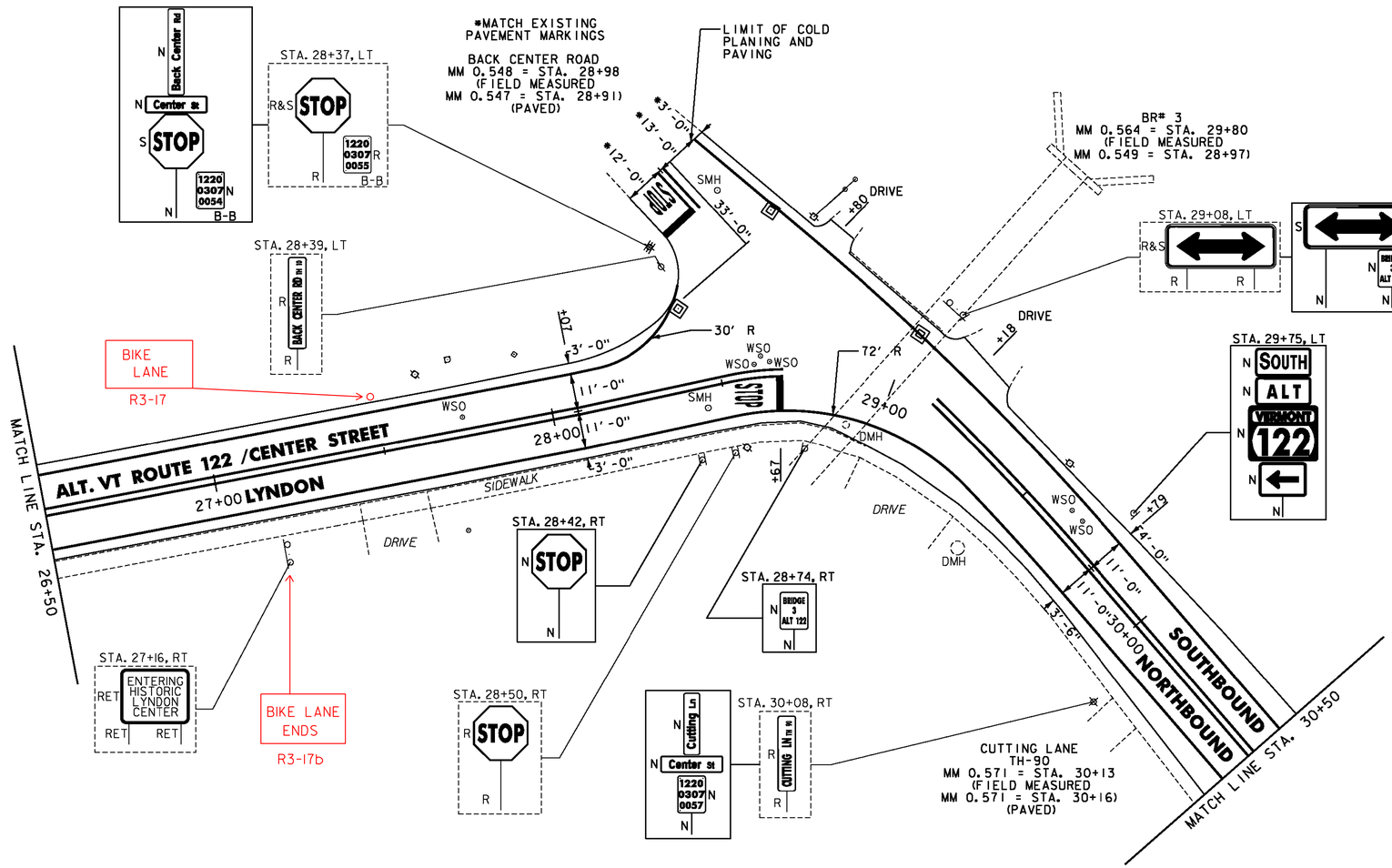
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 26+50 TO 30+50, SOLID LT & RT
STA. 28+91, DOUBLE SOLID LT (BACK CENTER ROAD)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 28+67, RT
STA. 28+91, LT (BACK CENTER ROAD)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 28+58, RT "STOP"
STA. 28+91, LT "STOP" (BACK CENTER ROAD)

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #69

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 136 OF 250

REHAB,
Dis., CBs OR MHs., CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 33+75 TO 33+93, LT
SEE SHEET 56 (TYP.)
STA. 35+60, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH
STA. 32+84, RT
STA. 32+84, LT

DETECTABLE WARNING SURFACE
STA. 32+84, RT
STA. 32+84, LT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 30+50 TO 36+00, SOLID LT & RT
STA. 33+08, SOLID LT (EDGELINES, COLLEGE ROAD TH-9)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 30+50 TO 36+00, SOLID LT & RT
STA. 33+08, DOUBLE SOLID LT (COLLEGE ROAD TH-9)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 33+73 TO 33+85, RT (HYDRANT)
SEE SHEET 55

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 33+08, LT (COLLEGE ROAD TH-9)

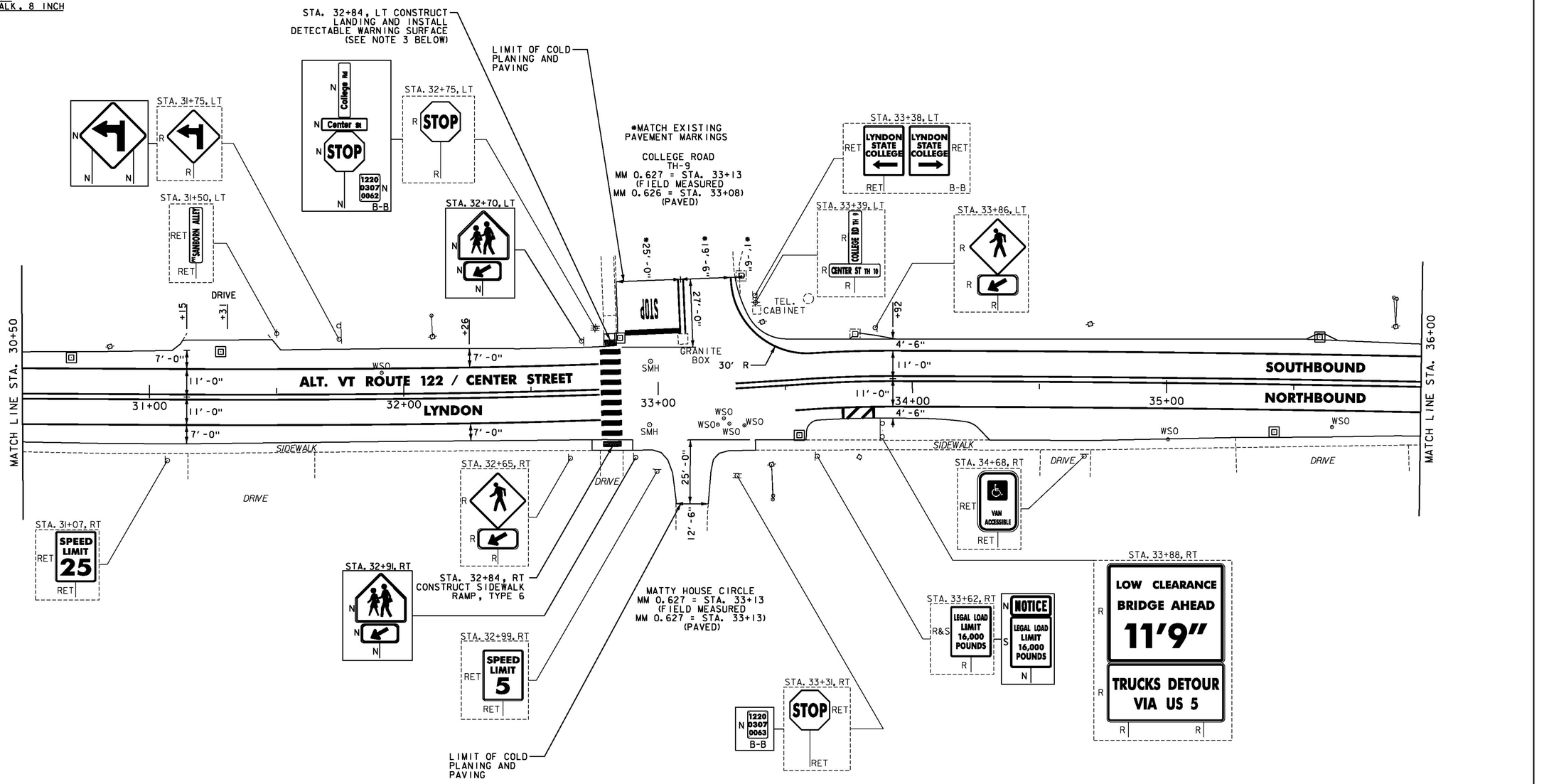
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 33+08, LT "STOP" (COLLEGE ROAD TH-9)

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 32+81, LT - RT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 32+81, LT - RT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - II

ERECTING SALVAGED SIGNS
AS SHOWN - I



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE. SEE SHEETS 12-25.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #70

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 137 OF 250

REHAB.
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 40+83, RT SEE SHEET 56

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 36+42, RT

DETECTABLE WARNING SURFACE
STA. 36+42, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

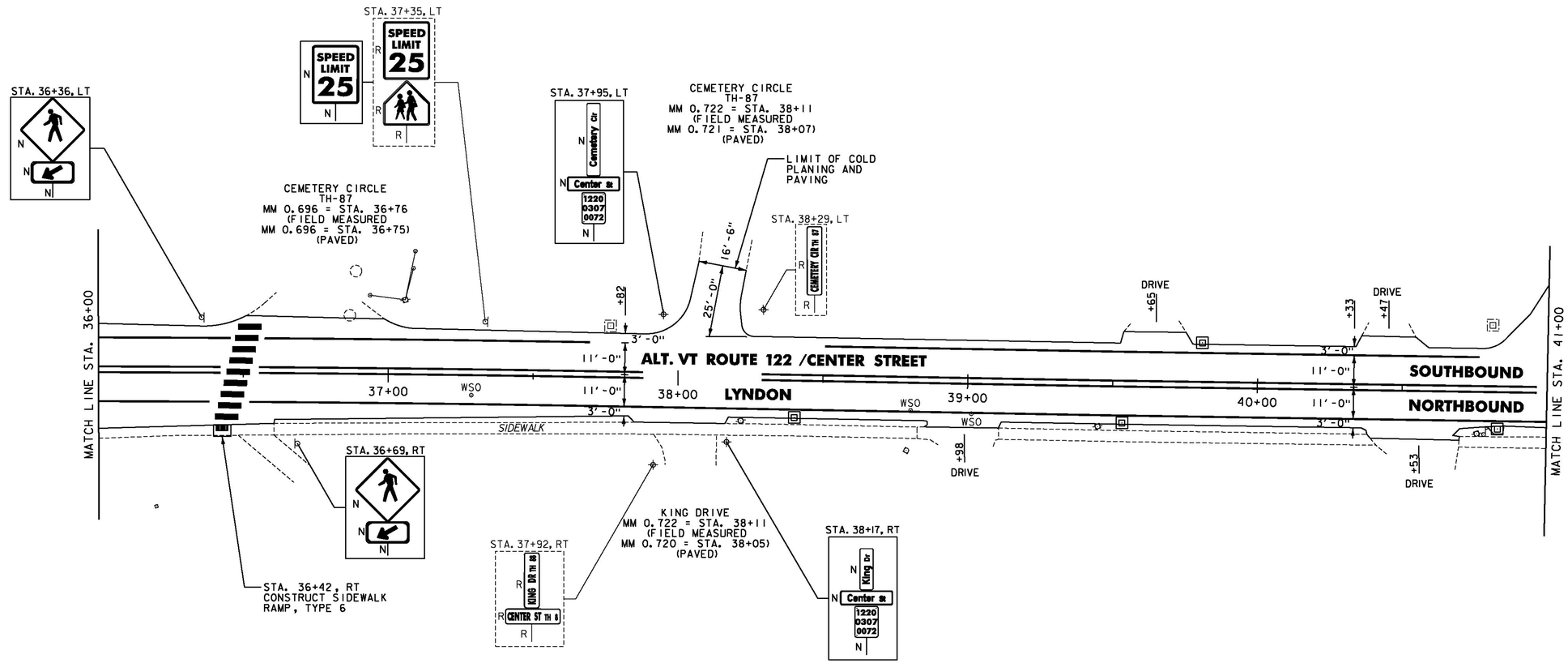
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 36+00 TO 41+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
STA. 36+00 TO 41+00, SOLID LT & RT

DURABLE CROSSWALK MARKING, TYPE A TAPE
STA. 36+42 TO 36+52, LT
SEE SHEET 55 (TYP.)

TEMPORARY CROSSWALK MARKING, PAINT
STA. 36+42 TO 36+52, LT
SEE SHEET 55 (TYP.)

REMOVING SIGNS
AS SHOWN - 5



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #71

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

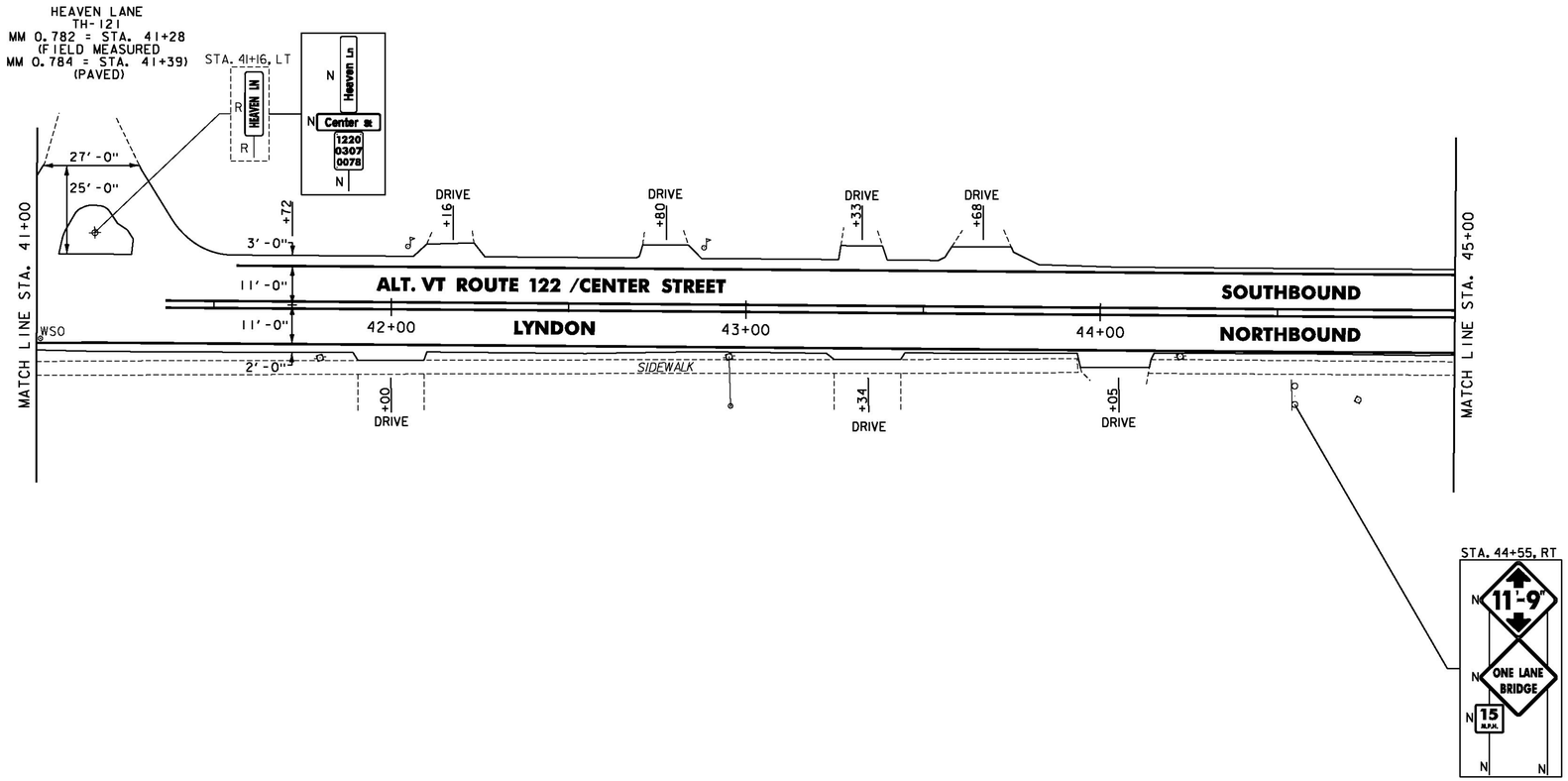
FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 138 OF 250

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 41+00 TO 45+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 41+00 TO 45+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #72

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 139 OF 250

TREATED TIMBER CURB
STA. 49+90 TO 50+00, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 49+04.0 TO 50+00, LT

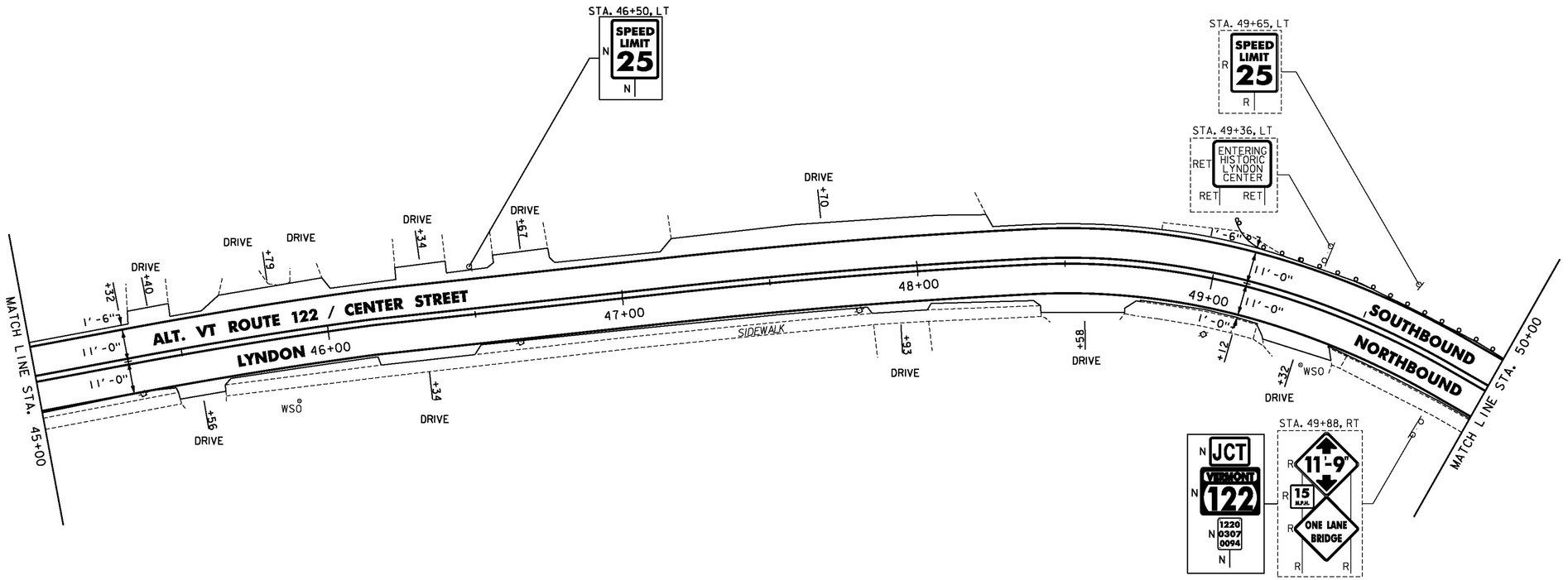
ANCHOR FOR STEEL BEAM RAIL
STA. 49+04.0, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 49+14.5 TO 50+00, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 45+00 TO 50+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 45+00 TO 50+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 4



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

NOT TO SCALE

Stantec

PROJECT LAYOUT SHEET #73

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 140 OF 250

CHANGING ELEVATION OF DIs, CBs OR MHs
SEE SHEET 27

TREATED TIMBER CURB
STA. 50+00 TO 50+80, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 50+00.0 TO 51+29.0, LT

HD STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA.51+29.0 TO 51+54.0, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 50+00 TO 51+54.0, LT

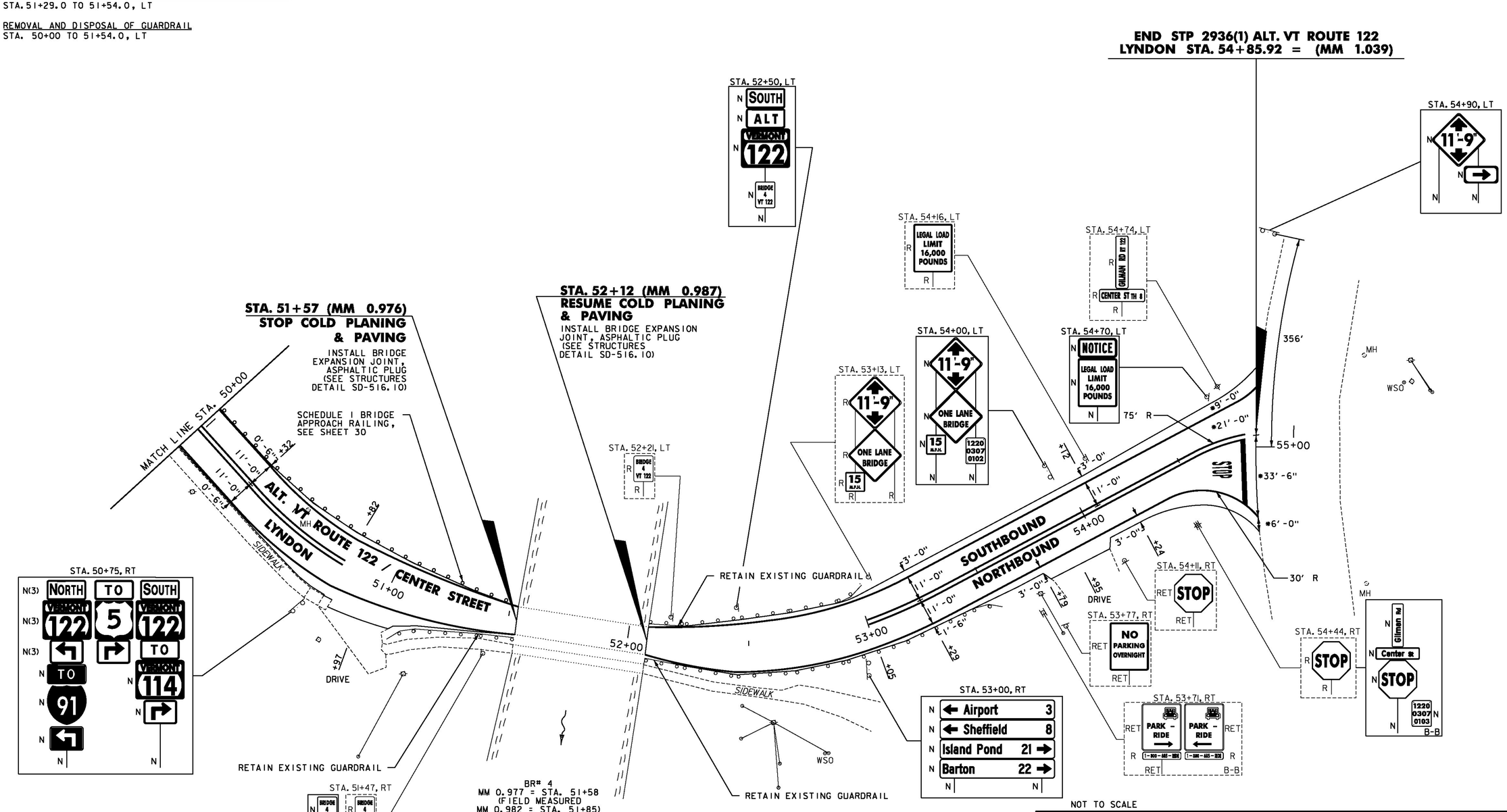
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 50+00 TO 51+57, SOLID LT & RT
STA. 52+12 TO 54+85.92, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 50+00 TO 50+82, SOLID LT & RT
STA. 53+05 TO 54+79, SOLID LT & RT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 54+78, RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 54+65, RT "STOP"

REMOVING SIGNS
AS SHOWN - 11



NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS SHALL BE RETAINED.

Stantec

PROJECT LAYOUT SHEET #74

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 141 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 01

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2																																				
141+59, RT	STATE HIGHWAY ENDS / SPEED LIMIT 30 / END LIMITED ACCESS HIGHWAY	1	24	18	3.00																		1	X									VR-038			E-141
		1	30	36	7.50						1																						R2-1	X		
							1																													
142+44, LT	STATE HIGHWAY BEGINS / SPEED LIMIT 45 / BEGIN LIMITED ACCESS HIGHWAY	1	24	18	3.00																		1	X									VR-039			E-141
		1	30	36	7.50						1																						R2-1	X		
							1																													
142+59, LT	WEST VERMONT 2B / WEST 2 / TO BIKE ROUTE / TO 91	1	24	12	2.00																												M3-4 (GREEN ON WHITE)			E-136B
		1	24	12	2.00																												M3-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												(GREEN ON WHITE)			E-136B
		1	24	24	4.00																												M1-4	X		
		1	21	15	2.19																												M6-1 (GREEN ON WHITE)			E-136B
		1	21	15	2.19						2												2	X								M6-3 (BLACK ON WHITE)	X		
																																#2	FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	18	3.00																												D11-1	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	12	9	0.75																												M6-1 (GREEN ON WHITE)	X		
		1	24	24	4.00																												M1-1	X		
		1	21	15	2.19																												M6-3 (WHITE ON BLUE)	X		
142+86, LT	B-B	1	24	30	5.00																												R4-7	X		
		1	18	18	2.25						1					X			X														OM1-1	X		
		1	18	18	2.25																												OM1-1	X		
												FT	FT	FT	FT	FT 13	FT		EA	LB	LB	LB		LB 419	LB	LB	LB								
TOTALS		SF 58.82		SF	EA. 2		SF			FT				FT 13						LB			EA. 4		LB 419			EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 142 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 02

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88	1.75	2.0	2.42	2.5	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 1.3	3.0	4.0	1.7	4.0 MOD	1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0	7.6	3.5	9.0	4.0	10.8	5.0	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																													
143+50, LT		1	24	30	5.00																																				R4-7	X		
		1	18	18	2.25						1					X			X																						OMI-1 USE EXISTING SLEEVE	X		
		1	18	18	2.25																																				OMI-1	X		
143+55, LT	Danville 7 Montpelier 37	1	72	12	6.00						2					X			X																						VD2-1		233	
		1	72	12	6.00																																				VD2-1		233	
144+20, LT		1	30	30	6.25						1					X			X																						VR-921			E-145A
145+30, LT		1	36	36	9.00						2					X			X																						S3-1	X		
145+43, RT		1	48	30	10.00						2					X			X																						VR-932			E-145B
147+00, LT		1	21	15	2.19						1					X			X																						M2-1 (GREEN ON WHITE)			E-136B
		1	24	24	4.00																																				(GREEN ON WHITE)			E-136B
147+23, LT		1	24	30	5.00						1					X			X	1																						R4-7	X		
		1	18	18	2.25																																				OMI-1 SLEEVE TO BE INSTALLED IN EXISTING ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	18	18	2.25																																				OMI-1	X		
147+39, LT	 B-B	1	30	8	1.68						1					X			X																						D3-1		229	
		1	36	8	2.01																																				D3-1		229	
		1	30	30	6.25																																				RI-1	X		
		1	6	10	0.42																																				VD-700			E-138
											FT	FT	FT	FT	FT 155	FT		EA 1	LB	LB	LB		LB	LB	LB	LB																
TOTALS		SF 72.80	SF	EA.	SF				FT		FT 155				LB			EA.	LB				EA.	EA.	LB																

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 143 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 03

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
148+08, RT		1	24	8	1.34						1					X			X														D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
148+19, LT		1	24	30	5.00						1					X			X	1													R4-7	X		
		1	18	18	2.25																												SLEEVE TO BE INSTALLED IN EXISTING ISLAND PER T-45 TWO PIECE ANCHOR DETAIL			
		1	18	18	2.25																												OMI-1	X		
148+43, RT		1	30	30	6.25						1					X			X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
148+60, LT		1	30	30	6.25						1					X			X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
148+90, LT		1	30	30	6.25						1					X			X														VR-92I			E-145A
149+70, RT		1	36	36	9.00						1							X	X														SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-2aP (FLUORESCENT YELLOW-GREEN)	X		
150+85, LT		1	24	30	5.00						1					X			X														R4-7	X		
		1	18	18	2.25																												OMI-1	X		
		1	18	18	2.25																												OMI-1	X		
												FT	FT	FT	FT	FT 81	FT 14		EA 1	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 62.77	SF	EA.	SF				FT			FT 95					LB			EA.	LB				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 144 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 04

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
151+30, LT	END SCHOOL SPEED LIMIT	1	24	30	5.00						1					X		X															S5-3	X		
153+15, RT		1	36	36	9.00						1						X	X															SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
153+17, LT		1	36	36	9.00						1						X	X															SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
153+16, LT	Forest Ave / Western Ave / STOP / B-B 0020 0311 0290	1	30	8	1.68						1					X		X															D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
153+74, LT	Summer St / Western Ave / STOP / B-B 0020 0311 0291	1	36	8	2.01						1					X		X															D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
155+30, LT	200 FT	1	36	36	9.00						1						X	X															SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-2aP (FLUORESCENT YELLOW-GREEN)	X		
TOTALS		SF 59.05			SF	EA.	SF					FT	FT	FT	FT	FT 41	FT 42		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 83					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 145 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 05

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																					
156+20, LT	ONLY / END / R	1	30	30	6.25						1						X	X																VR-921			E-145A
		1	30	12	2.50																												R3-9dP (RED ON WHITE)	X		
		1	24	24	4.00																												R8-3	X		
157+34, RT	0020 0311 0298	1	6	10	0.42						1				X			X															VD-700			E-138
159+15, LT	BEGIN / R	1	30	12	2.50						1					X		X															R3-9cP (RED ON WHITE)	X		
		1	24	24	4.00																												R8-3	X		
160+66, RT	NO PARKING ANY TIME →	1	12	18	1.50						1					X		X															R7-1	X		
161+04, RT	Barker Ave / Western Ave / STOP / 0020 0311 0305 B-B	1	36	8	2.01						1					X		X															D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
161+50, LT	Danville 8 / Montpelier 37	1	72	12	6.00						2					X		X															VD2-1		233	
		1	72	12	6.00																												VD2-1		233	
161+78, LT	Town Garage Rd / Western Ave / STOP / 0020 0311 0306 B-B	1	42	8	2.35						1					X		X															D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
TOTALS			SF 54.89		SF	EA.	SF					FT	FT	FT	FT 10	FT 77	FT 15		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 102					LB			EA.	LB												

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 146 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 06

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
161+85, RT		1	36	36	9.00						1						X	X																SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-2aP (FLUORESCENT YELLOW-GREEN)	X		
163+28, RT	 B-B	1	30	30	6.25						1					X		X																R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
163+53, RT	 B-B 0020 0311 0309	1	36	8	2.01						1					X		X																D3-1		229	
		1	30	30	6.25																													R1-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R1-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R1-1	X		
		1	6	10	0.42																													VD-700			E-138
163+64, LT		1	30	30	6.25						1					X		X																VR-921			E-145A
163+85, RT		1	36	36	9.00						1						X	X																SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
163+94, LT		1	36	36	9.00						1						X	X																SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
TOTALS			SF 68.19		SF	EA.	SF					FT	FT	FT	FT	FT 41	FT 42		EA	LB	LB	LB		LB	LB	LB	LB					EA.	EA.	LB			
												FT			FT 83					LB			EA.	LB											

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 147 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 07

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
164+91, RT	JCT ALT 5	1	21	15	2.19																												M2-1 (BLACK ON WHITE)	X		
		1	24	12	2.00						1					X		X														M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
166+50, RT	Concord 9 / Lancaster NH 29 / WELCOME CENTER / 0020 0311 0316	1	72	12	6.00																												VD1-1a		233	
		1	72	12	6.00																												VD1-1a		233	
		1	24	24	4.00						2					X		X																	239	
		1	21	15	2.19																												M6-2 (WHITE ON BLUE)	X		
		1	6	10	0.42																												VD-700			E-138
167+45, LT	350 FT	1	36	36	9.00																												S1-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00						1							X															W16-2aP (FLUORESCENT YELLOW-GREEN)	X		
168+00, RT		1	36	36	9.00						1					X		X															S1-1 (FLUORESCENT YELLOW-GREEN)	X		
168+90, LT	WEST 2	1	24	12	2.00						1					X		X															M3-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
169+23, RT	EAST TRUCK 2	1	24	12	2.00																												M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00						1							X															M4-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
169+25, RT	EAST 2 TO 5 / SOUTH ALT 5	1	24	12	2.00																												M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
											2							X																		
		1	24	12	2.00																												M4-5 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
		1	24	24	4.00																												M1-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		

USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½") FOR SIGN FRAME DETAIL SEE SHEET 241

*3

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF 85.18	SF	EA.	SF		FT	FT 70	FT 64		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB
							FT 134				LB			EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 148 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 08

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
169+31, RT	Western Ave STOP B-B 0020 0311 0321	1	36	8	2.01																													D3-1		229	
		1	30	30	6.25						1					X		X															RI-1	X		
		1	6	10	0.42																													VD-700			E-138
170+47, LT	SOUTH WEST ALT 5 2	1	24	12	2.00				1																									M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE)	X		
																																	*2	MOUNT NEW SIGNS ON EXISTING POST. REMOVE EXCESS POST ABOVE NEW SIGN ASSEMBLY (INCIDENTAL). REMOVE EXTRA FOUNDATION AT SAME LOCATION (INCIDENTAL). FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	24	4.00																													M1-4	X		
		1	24	24	4.00																													M1-4	X		
		1	21	15	2.19																													M6-2 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-2 (BLACK ON WHITE)	X		
171+60, LT	STOP	1	30	30	6.25						1					X		X																RI-1 MOUNT SALVAGED FLASHING BEACON ABOVE NEW SIGN ON NEW POST. SEE SPECIAL PROVISIONS FOR FLASHING BEACON.	X		
171+84, RT	AHEAD	1	36	36	9.00						1						X	X																SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	30	18	3.75																													W16-9P (FLUORESCENT YELLOW-GREEN)	X		
172+17, RT	NORTH EAST ALT 5 2 TO 5	1	24	12	2.00																													M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																													M1-4	X		
											2						X	X															*3	FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	24	4.00																													M1-4	X		
		1	24	12	2.00																													M4-5 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													M1-4	X		
		1	21	15	2.19																													M5-1 (BLACK ON WHITE)	X		
172+39, LT	ONLY	1	30	30	6.25						1					X		X																VR-921			E-145A
172+84, RT	AHEAD	1	36	36	9.00						1							X	X															SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT 41	FT 63		EA	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 87.69	SF	EA.	SF				FT			FT 104					LB			EA.	LB				EA.	EA.	LB						

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"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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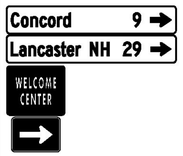
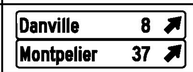
TRAFFIC SIGN SUMMARY SHEET #8

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 149 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 09

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
173+02, LT		1	36	36	9.00																													SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00						1						X	X																WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
		1	6	10	0.42																													VD-700			E-138
173+17, RT							1				1					X		X																MOUNT SALVAGED SIGN ON NEW POST			
174+45, RT		1	72	12	6.00																													VDI-1a		233	
		1	72	12	6.00						2						X	X																VDI-1a		233	
		1	24	24	4.00																															239	
		1	21	15	2.19																													M6-1 (WHITE ON BLUE)	X		
174+46, LT		1	24	12	2.00				1																							*2	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE) MOUNT NEW SIGNS ON EXISTING POST. FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-4	X		
		1	21	15	2.19																													M5-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-3 (BLACK ON WHITE)	X		
175+19, LT		1	36	36	9.00						1						X	X																SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	30	18	3.75																													WI6-9P (FLUORESCENT YELLOW-GREEN)	X		
175+45, RT		1	30	30	6.25						1					X		X																VR-921			E-145A
175+61, LT		1	12	18	1.50						1					X		X																R7-8		239	
		1	18	9	1.13																													R7-8P	X		
175+86, LT		1	72	12	6.00						2					X		X																VDI-1a		233	
		1	72	12	6.00																													VDI-1a		233	
												FT	FT	FT	FT	FT 63	FT 59		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 81.62	SF	EA. 1	SF						FT				FT 122					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 150 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM ⌀ (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL ⌀ (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
175+90, RT		1	24	12	2.00						2							X	X														*3	M3-1(BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																													M1-4	X		
		1	24	24	4.00																													FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	12	2.00																													M1-4	X		
		1	21	15	2.19																													M4-5 (BLACK ON WHITE)	X		
		1	24	24	4.00																													M6-3 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M1-4	X		
																																		M6-1(BLACK ON WHITE)	X		
176+09, RT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
176+15, LT		1	12	18	1.50						1					X		X																R7-8		239	
		1	18	9	1.13																													R7-8P	X		
176+30, LT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
177+07, RT		1	24	30	5.00						1					X		X																VR-017			E-141
		1	12	18	1.50																													R7-2	X		
							1																											MOUNT SALVAGED SIGN BELOW NEW SIGNS ON NEW POST			
177+21, LT		1	30	30	6.25						1					X		X	1															W11-2 (FLUORESCENT YELLOW-GREEN)	X		
																																SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT 72	FT 35		EA 1	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 58.26	SF	EA. 1	SF				FT			FT 107					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(11)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 151 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
177+55, LT	ONLY ONLY	1	36	30	7.50						1					X		X															VR-925 USE EXISTING SLEEVE			E-145A
177+75, RT	EAST 2 0020 0311 0337	1	24	12	2.00																											M3-2 (BLACK ON WHITE)	X		
		1	24	24	4.00						1					X		X															MI-4	X		
		1	6	10	0.42																											VD-700			E-138
179+00, LT	Danville 8	1	72	12	6.00						2					X		X															VDI-1a		233	
	Montpelier 37	1	72	12	6.00																											VDI-1a		233	
179+50, LT	RESERVED PARKING	1	12	18	1.50						1					X		X	1													R7-8 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
180+37, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											USE EXISTING SLEEVE WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
180+41, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
181+07, LT	St Thaddeus Eastern Ave DO NOT ENTER ONE WAY ONE WAY 0020 0311 0343	1	36	8	2.01						1					X		X	1													D3-1		229	
		1	36	8	2.01																											D3-1		229	
		1	30	30	6.25																											R5-1 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	6	10	0.42																											VD-700			E-138
TOTALS					SF 60.61	SF	EA.	SF				FT	FT	FT	FT 107	FT	FT		EA 2	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

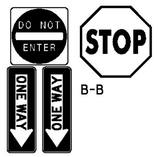
TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 152 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
181+30, LT	 B-B	1	30	30	6.25						1					X		X														R5-1	X		
		1	36	36	9.00																											R1-1 USE EXISTING SLEEVE IN RETAINING WALL	X		
		1	54	18	6.75																											R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	54	18	6.75																											R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
181+90, LT		1	21	15	2.19						1					X		X	1													M2-1 (BLACK ON WHITE) SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																											M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																											M1-4	X		
182+57, RT		1	30	30	6.25						1					X		X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
182+70, LT		1	30	30	6.25						1					X		X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											USE EXISTING SLEEVE W16-7P (FLUORESCENT YELLOW-GREEN)	X		
183+08, RT		1	30	8	1.68						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
		1	30	30	6.25																											R1-1	X		
		1	6	10	0.42																											VD-700			E-138
185+16, RT		1	30	30	6.25						1					X		X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
185+16, LT		1	30	30	6.25						1					X		X	1													W11-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BIT. ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT 99	FT		EA 2	LB	LB	LB		LB	LB	LB	LB									
TOTALS			SF 80.30	SF	EA.	SF						FT			FT 99					LB			EA.	LB				EA.	EA.	LB						

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TRAFFIC SIGN SUMMARY SHEET #12

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 153 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
185+25, LT	Cherry St / Eastern Ave / STOP / DO NOT ENTER / ONE WAY / ONE WAY / B-B 0020 0311 0352	1	30	8	1.68						1					X			X	1														D3-1		229	
		1	36	8	2.01																													D3-1		229	
		1	36	36	9.00																													R1-1 SLEEVE TO BE INSTALLED IN EXISTING	X		
		1	30	30	6.25																													R5-1 BIT. ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	6	10	0.42																													VD-700			E-138
185+65, LT	DO NOT ENTER / ONE WAY / ONE WAY	1	30	30	6.25						1					X			X															R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
185+82, RT	← Concord 8 / Barnet 8 → / NORTH 5 / SOUTH 5 / WELCOME CENTER	1	72	12	6.00						2												2	X										VD1-1a		234	
		1	72	12	6.00																													VD1-1a		234	
		1	24	12	2.00																													M3-1(BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-4	X		
		1	24	12	2.00																																
		1	21	15	2.19																													M5-1(BLACK ON WHITE)	X		
		1	21	15	2.19																													M5-1(BLACK ON WHITE)	X		
		1	24	24	4.00																																239
		1	21	15	2.19																													M6-3 (WHITE ON BLUE)	X		
186+94, LT	WINTER PARKING BAN NO PARKING 11PM TO 6AM DEC 15TH TO APRIL 15TH						1																											MOUNT SALVAGED SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			
												FT	FT	FT	FT	FT 28	FT		EA 1	LB	LB	LB		LB 236	LB	LB	LB									
	TOTALS		SF 74.18		SF		EA. 1		SF			FT			FT 28					LB			EA. 2	LB 236				EA.	EA.	LB						

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #13

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 154 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)															1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
187+77, LT		1	24	8	1.34						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
																																USE EXISTING SLEEVE			
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO EASTERN AVE. STREET SIGN	X		
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO EASTERN AVE. STREET SIGN	X		
		1	6	10	0.42																											VD-700			E-138
187+84, RT		1	24	8	1.34						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
																																USE EXISTING SLEEVE			
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO EASTERN AVE. STREET SIGN	X		
		1	36	12	3.00																											R6-1 INSTALL 90 DEGREES TO EASTERN AVE. STREET SIGN	X		
		1	6	10	0.42																											VD-700			E-138
188+20, LT		1	30	30	6.25						1					X		X														WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											USE EXISTING SLEEVE WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
188+28, RT		1	30	30	6.25						1					X		X														WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
188+67, LT							2																									MOUNT SALVAGED SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			

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												FT	FT	FT	FT	FT 53	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 36.04	SF	EA. 2	SF			FT			FT 53							LB				EA.		LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #14

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 155 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
189+71, LT	WEST 2	1	24	12	2.00						1					X		X																M3-4 (BLACK ON WHITE) USE EXISTING SLEEVE	X		
		1	24	24	4.00																												MI-4	X		
189+94, RT	ONLY	1	36	30	7.50						1					X		X	1														VR-922 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			E-145A
190+53, LT	WINTER PARKING BAN NO PARKING 11AM TO 6AM MAY 15TH TO APRIL 15TH						1				1					X		X															MOUNT SALVAGED SIGN ON NEW POST USE EXISTING SLEEVE			
190+68, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00																												VR-017 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			E-141
190+68, RT	STOP ALL WAY	1	36	36	9.00						1							X	X														RI-1 USE EXISTING SLEEVE	X		
		1	18	6	0.75																												RI-3P	X		
191+79, LT	Portland St / Railroad St / STOP ALL WAY 0020 0311 0363 B-B	1	36	8	2.01						1							X	X														D3-1		229	
		1	36	8	2.01																												D3-1 USE EXISTING SLEEVE		230	
		1	36	36	9.00																												RI-1	X		
		1	18	6	0.75																												RI-3P	X		
		1	6	10	0.42																												VD-700			E-138
TOTALS					SF 43.04	SF	EA. 1	SF				FT	FT	FT	FT	FT 39	FT 29		EA 1	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 68					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #15

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 156 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
192+70, RT	EAST 2 TO 93 BRIDGE 104 US 2	1	24	12	2.00																												M3-2 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
																																	MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																												MI-1	X		
		1	6	10	0.42																												VD-701		238	
193+99, LT	WEST 2 SOUTH 5 NORTH 5 TO 91	1	24	12	2.00				1																							2-#2	M3-4 (BLACK ON WHITE)			
		1	24	12	2.00																												M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-4	X		
		1	24	12	2.00																												M3-3 (BLACK ON WHITE)	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
																																	MOUNT NEW SIGNS ON EXISTING POST FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	24	4.00																												MI-4	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-1	X		
		1	21	15	2.19																												M6-1 (WHITE ON BLUE)	X		
195+26, LT	WELCOME CENTER 0020 0311 0370	1	24	24	4.00																															239	
		1	21	15	2.19																												M5-1 (WHITE ON BLUE)	X		
		1	6	10	0.42																												VD-700			E-138
196+00, LT	JCT 5	1	21	15	2.19				1																								M2-1 (BLACK ON WHITE)	X		
																																	MOUNT NEW SIGNS ON EXISTING POST			
		1	24	24	4.00																												MI-4	X		
201+84, LT	BRIDGE 104 US 2	1	6	10	0.42				1																								VD-701 MOUNT NEW BRIDGE PLAQUE BELOW EXISTING SIGN ON EXISTING POST		238	
TOTALS					SF 56.21	SF	EA.	SF				FT	FT	FT	FT	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #16

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 157 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 17

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
202+43, RT	Washington ave / Portland st / STOP / 0020 0311 0383 / B-B	1	42	8	2.35						1					X		X																D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
202+46, RT	DEAD END	1	30	30	6.25						1					X		X																WI4-1	X		
203+49, LT	SPEED LIMIT 30	1	24	30	5.00						1					X		X																R2-1	X		
203+59, LT	Weeks ct / Portland st / STOP / 0020 0311 0386 / B-B	1	30	8	1.68						1					X		X																D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
204+62, RT	Caledonia st / Portland st / STOP / 0020 0311 0387 / B-B	1	36	8	2.01						1					X		X																D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
TOTALS			SF 43.33		SF	EA.	SF					FT	FT	FT	FT	FT 70	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 70					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #17

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 158 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	NEW & SALVAGED SIGNS: SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	EXIST POST: RETAIN	SALVAGE	NEW SIGN POSTS: NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
205+82, RT	WINTER PARKING BAN						1				1					X		X																MOUNT SALVAGED SIGN ON NEW POST			
206+29, RT		1	30	30	6.25						1					X		X																WI1-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
206+33, LT	Elm St / Portland St / STOP / 0020 0311 0391 B-B	1	24	8	1.34						1					X		X																D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
206+34, LT		1	30	30	6.25						1					X		X																WI1-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
207+23, RT	Concord 8 / Lancaster NH 28 / EAST TO / 2 / 93	1	72	12	6.00						2							X	X															VD2-1		234	
		1	72	12	6.00																												VD2-1		234	
		1	24	12	2.00																												M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-1	X		
207+67, LT	WINTER PARKING BAN						1				1					X		X																MOUNT SALVAGED SIGN ON NEW POST			
TOTALS		SF 50.52			SF		EA. 2	SF				FT	FT	FT	FT	FT 68	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
															FT 98					LB																

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #18

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 159 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 19

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
209+30, RT	 D020 0311 0396	1	30	30	6.25																													WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00						1					X		X															WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
		1	6	10	0.42																													VD-700			E-138
209+48, LT		1	30	30	6.25																													WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00						1					X		X															WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
210+15, RT		1	24	30	5.00						1					X		X															R2-1	X		
215+24, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
215+40, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
TOTALS		SF 38.42	SF	EA.	SF				FT	FT	FT	FT	FT 72	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB								

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #19

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 160 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
216+39, RT	Simons Ave / Portland St / STOP / 0020 0311 0410 B-B	1	36	8	2.01						1					X		X															D3-1		229	
		1	36	8	2.01																												D3-1		229	
		1	30	30	6.25																												R1-1	X		
		1	6	10	0.42																												VD-700			E-138
217+25, LT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	X		
218+56, RT		1	30	30	6.25						1					X		X															W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
218+75, LT		1	30	30	6.25						1					X		X															W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
219+75, LT	WEST 2	1	24	12	2.00						1					X		X															M3-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
												FT	FT	FT	FT	FT 69	FT		EA	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 38.19	SF	EA.	SF				FT			FT 69					LB			EA.	LB				EA.	EA.	LB						











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TRAFFIC SIGN SUMMARY SHEET #20

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 161 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
220+43, LT	DO NOT ENTER / ONE WAY / ONE WAY	1	30	30	6.25						1					X		X																R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
220+45, LT	YIELD	1	36 X 36 X 36		4.50						1					X		X																RI-2	X		
220+57, RT	ONLY	1	36	30	7.50						1					X		X																VR-922			E-145A
220+79, LT	YIELD	1	36 X 36 X 36		4.50						1					X		X																RI-2	X		
220+82, LT	DO NOT ENTER / ONE WAY / ONE WAY	1	30	30	6.25						1					X		X																R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
		1	36	12	3.00																													R6-1 INSTALL 90 DEGREES TO SIGN R5-1	X		
220+91, LT	Concord Ave / Portland St / B-B / 0020 0311 0418	1	36	8	2.01						1					X		X																D3-1		229	
		1	36	8	2.01																													D3-1		229	
		1	6	10	0.42																													VD-700			E-138
												FT	FT	FT	FT	FT 80	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 45.44	SF	EA.	SF				FT			FT 80					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

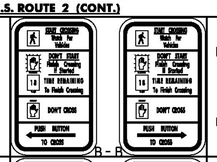
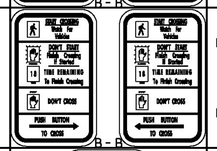
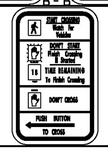
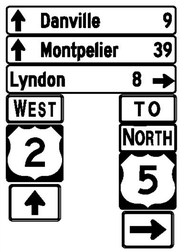
TRAFFIC SIGN SUMMARY SHEET #21

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 162 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 22

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (In) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
221+80, RT		1	9	15	0.94																													RIO-3e MOUNT NEW SIGNS 90 DEGREES TO EACH OTHER ON EXISTING PEDESTRIAN SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X		
	B - B	1	9	15	0.94																													RIO-3e	X		
221+90, LT		1	9	15	0.94																													RIO-3e MOUNT NEW SIGNS 90 DEGREES TO EACH OTHER ON EXISTING PEDESTRIAN SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X		
	B - B	1	9	15	0.94																													RIO-3e	X		
222+60, RT		1	9	15	0.94																													RIO-3e MOUNT NEW SIGN ON EXISTING PEDESTRIAN SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X		
223+09, LT		1	36	30	7.50						1					X			X															VR-922			E-145A
224+19, LT		1	72	12	6.00						2												2	X										VDI-1a		234	
		1	72	12	6.00																													VDI-1a		234	
		1	72	12	6.00																													VDI-1a		234	
		1	24	12	2.00																													M3-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-5 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	12	2.00																													M3-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
224+29, RT		1	24	12	2.00						1						X		X															M3-2 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	12	2.00																													M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																													MI-1	X		
												FT	FT	FT	FT	FT 14	FT 16		EA	LB	LB	LB		LB 218	LB	LB	LB									
TOTALS			SF 60.58		SF	EA.	SF					FT			FT 30					LB			EA. 2	LB 218				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #22

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 163 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 23

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	NEW & SALVAGED SIGNS: SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	EXIST POST: RETAIN	SALVAGE	NEW SIGN POSTS: NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
226+74, LT	STOP 0020 0311 0429 B-B	1	30	30	6.25						1					X		X														RI-1	X		
		1	6	10	0.42																											VD-700			E-138
226+92, LT	Ely St / Portland St	1	24	8	1.34						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
229+97, RT	BEGIN (R)	1	30	12	2.50						1					X		X														R3-9cP (RED ON WHITE)	X		
		1	24	24	4.00																											R8-3	X		
230+06, LT	State St / Portland St / STOP 0020 0311 0436 B-B	1	30	8	1.68						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
231+24, RT	END (R)	1	30	12	2.50						1					X		X														R3-9dP (RED ON WHITE)	X		
		1	24	24	4.00																											R8-3	X		
231+64, RT	Lincoln St / Portland St / STOP 0020 0311 0439 B-B	1	30	8	1.68						1					X		X														D3-1		229	
		1	36	8	2.01																											D3-1		229	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
	TOTALS				SF 43.74	SF	EA.	SF				FT	FT	FT	FT	FT 78	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #23

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 164 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 24

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (In) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
231+67, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
232+21, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
233+50, RT		1	36	36	7.07						1					X		X															WI0-1	X		
		1	24	12	2.00																												WI0-1ap	X		
235+46, RT		1	48	9	6.00																												RI5-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE.	X		
		1	24	12	2.00																												RI5-3P	X		
236+25, LT		1	48	9	6.00						1					X		X															RI5-1	X		
		1	24	12	2.00																												RI5-3P	X		
237+50, RT		1	6	10	0.42						1					X		X															VD-701		238	
237+65, LT		1	36	36	7.07						1					X		X															WI0-1	X		
		1	24	12	2.00																												WI0-1aP	X		
		1	6	10	0.42																												VD-700			E-138
238+41, LT		1	6	10	0.42						1					X		X															VD-701		238	
TOTALS					SF 51.90	SF	EA.	SF				FT	FT	FT	FT 91	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #24

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 165 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 25

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
239+21, LT	Assiqua Ave / Portland St / STOP / 0020 0311 0453 B-B	1	36	8	2.01						1					X		X																D3-1		230	
		1	36	8	2.01																													D3-1		229	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
241+55, LT	Duke St / Portland St / STOP / 0020 0311 0457 B-B	1	30	8	1.68						1					X		X																D3-1		230	
		1	36	8	2.01																													D3-1		229	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
241+57, RT	BEGIN / R	1	30	12	2.50						1					X		X																R3-9cP (RED ON WHITE)	X		
		1	24	24	4.00																													R8-3	X		
244+35, RT	R	1	24	24	4.00						1					X		X																R8-3	X		
245+74, LT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
245+94, RT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
TOTALS			SF 48.05		SF	EA.	SF					FT	FT	FT	FT 82	FT	FT	EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #25

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 166 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 26

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 (1.88)	2.0 (2.42)	2.5 (3.35)	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 (1.3)	4.0 (1.7)	4.0 MOD (1.7)	TUBULAR STEEL Ø (in) FOUNDATION	3.0 (7.6)	3.5 (9.0)	4.0 (10.8)	5.0 (14.6)	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 2 (CONT.)																																				
246+54, LT	BEGIN (R)	1	30	12	2.50						1					X		X															R3-9cP (RED ON WHITE)	X		
		1	24	24	4.00																											R8-3	X		
246+74, LT	Snell Rd / Portland St / STOP / 0020 0311 0467 B-B	1	30	8	1.68						1					X		X															D3-1		230	
		1	36	8	2.01																											D3-1		229	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
246+96, RT	END (R)	1	30	12	2.50						1					X		X															R3-9dP (RED ON WHITE)	X		
		1	24	24	4.00																											R8-3	X		
248+19, RT	STATE HIGHWAY BEGINS / SPEED LIMIT 50	1	24	18	3.00						1					X		X															VR-039			E-141
		1	24	30	5.00																											R2-1	X		
248+20, LT	STATE HIGHWAY ENDS / SPEED LIMIT 30	1	24	18	3.00						1					X		X															VR-038			E-141
		1	30	36	7.50																											R2-1	X		
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT	FT 67	FT		EA	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF 41.86	SF	EA.	SF				FT			FT 67					LB			EA.	LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #26

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 167 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 27

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5																																				
67+69, LT		1	24	12	2.00						2						X	X													*3	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	12	2.00																												M4-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	21	15	2.19																												FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	24	4.00																												M6-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												MI-4	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
																																	M6-1 (BLACK ON WHITE)	X		
69+69, LT	South Main Auto 2/10						1				2					X		X															MOUNT SALVAGED SIGN ON NEW POSTS			
70+68, RT	STATE HIGHWAY ENDS SPEED LIMIT 30	1	24	18	3.00						1					X		X															VR-038			E-141
		1	24	30	5.00																												R2-1	X		
70+69, LT	STATE HIGHWAY BEGINS SPEED LIMIT 40 0050 0311 0134	1	24	18	3.00						1						X	X															VR-039			E-141
		1	24	30	5.00																												R2-1	X		
		1	6	10	0.42																												VD-700			E-138
72+23, LT		1	24	30	5.00						1					X		X															R4-7	X		
		1	18	18	2.25																												OMI-1 USE EXISTING SLEEVE	X		
		1	18	18	2.25																												OMI-1	X		
72+69, LT	JCT ALT 5	1	21	15	2.19						1					X		X															M2-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
												FT	FT	FT	FT	FT 70	FT 45		EA	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 62.68	SF	EA. 1	SF						FT			FT 115					LB			EA.	LB				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

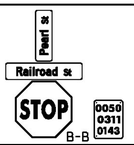
TRAFFIC SIGN SUMMARY SHEET #27

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 168 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 28

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
73+39, LT		1	36	36	9.00						2					X		X																W6-1	X		
75+60, LT		1 1 1 1	24 36 30 6	8 8 30 10	1.34 2.01 6.25 0.42						1					X		X																D3-1 D3-1 R1-1 VD-700	 X 	229 230 	 E-138
77+74, LT		1	24	30	5.00						1					X		X																		239	
78+80, RT		1 1	30 24	30 12	6.25 2.00						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN) USE EXISTING SLEEVE W16-7P (FLUORESCENT YELLOW-GREEN)	X X		
79+20, LT		1 1	30 24	30 12	6.25 2.00						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN) W16-7P (FLUORESCENT YELLOW-GREEN)	X X		
81+30, LT		1 1	24 6	30 10	5.00 0.42						1					X		X																VD-700		239	E-138
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT	FT 100	FT		EA	LB	LB	LB		LB	LB	LB	LB								
	TOTALS		SF 45.94	SF	EA.	SF						FT			FT 100					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #28

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 169 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 29

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
84+43, RT	JCT 2	1	21	15	2.19						1					X		X																M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
84+60, LT	SPEED LIMIT 30	1	24	30	5.00						1					X		X																R2-1	X		
85+46, LT	Federal * Railroad * STOP B-B 0050 0311 0162	1	30	8	1.68						1					X		X																D3-1		229	
		1	36	8	2.01																												D3-1		230	
		1	30	30	6.25																												R1-1	X		
		1	6	10	0.42																												VD-700			E-138
85+79, RT	St. Johnsbury Ctr 3	1	72	12	6.00						2							X	X															VD1-1a		234	
	Lyndon 7	1	72	12	6.00																												VD1-1a USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½")		234	
	Danville 8	1	72	12	6.00																												VD1-1a		233	
	WELCOME CENTER	1	24	24	4.00																														239	
		1	21	15	2.19																												M6-1 (WHITE ON BLUE)	X		
85+82, LT	Barnet 9	1	72	12	6.00						2					X		X																VD2-1		234	
	Wells River 20	1	72	12	6.00																												VD2-1		235	
85+83, LT	NO PARKING THIS SIDE OF STREET; WINTER PARKING BAN						1				1					X		X																MOUNT SALVAGED SIGNS ON NEW POST			
		1																																		
TOTALS		SF 57.74	SF	EA. 2	SF							FT	FT	FT	FT 109	FT 76	FT 33		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #29

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 170 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 30

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
86+40, LT	NO PARKING THIS SIDE OF STREET	1	24	30	5.00						1					X		X																		239	
87+00, LT	SOUTH TO 5 91 WEST TO TRUCK ALT 2 5	1	24	12	2.00						2												2	X								*3	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-1	X		
		1	24	12	2.00																												M3-4 (BLACK ON WHITE)	X		
																																	FOR SIGN FRAME DETAIL SEE SHEET 241			
		1	24	12	2.00																												M4-5 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-4	X		
88+55, RT	Depot St Railroad St STOP B-B 0050 0311 0168	1	30	8	1.68						1					X		X															D3-1		230	
		1	36	8	2.01																												D3-1		230	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
88+55, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
88+65, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
89+58, RT	ONLY	1	36	30	7.50						1					X		X															VR-922			E-145A
												FT	FT	FT	FT	FT 70	FT		EA	LB	LB	LB		LB 198	LB	LB	LB								
TOTALS					SF 67.36	SF	EA.	SF				FT			FT 70					LB			EA. 2	LB 198				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #30

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 171 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 31

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
90+54, RT	Depot St / Railroad St / STOP / ALL WAY	1	30	8	1.68						1						X	X																D3-1		230	
		1	36	8	2.01																												D3-1		230	
		1	36	36	9.00																												RI-1	X		
		1	18	6	0.75																												RI-3P	X		
90+66, RT	®	1	24	24	4.00						1					X		X															R8-3 USE EXISTING SLEEVE	X		
90+87, LT		1	30	30	6.25						1					X		X	1													W11-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
91+25, RT	STOP / ALL WAY / B-B / 0050 0311 0171	1	30	30	6.25																												RI-1 MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
		1	18	6	0.75																												RI-3P	X		
		1	6	10	0.42																												VD-700			E-138
91+32, RT	WELCOME CENTER / WELCOME CENTER / B-B	1	24	24	4.00						1					X		X	1													SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL		239	
		1	24	24	4.00																														239	
		1	21	15	2.19																												M6-1 (WHITE ON BLUE)	X		
		1	21	15	2.19																												M6-1 (WHITE ON BLUE)	X		
91+43, RT		1	30	30	6.25						1					X		X	1													W11-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
91+90, LT	Eastern Ave / Railroad St / STOP / ALL WAY	1	36	8	2.01						1						X	X	1													D3-1		229	
		1	36	8	2.01																												D3-1 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		230	
		1	36	36	9.00																												RI-1	X		
		1	18	6	0.75																												RI-3P	X		
TOTALS			SF 67.51	SF	EA.	SF						FT	FT	FT	FT	FT 55	FT 31		EA 4	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 86					LB			EA.	LB											

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TRAFFIC SIGN SUMMARY SHEET #31

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 172 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 32

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
92+45, LT	P 2 HOUR PAY PARKING	1	12	18	1.50																												R7-21 MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
	NO PARKING IN METERED AREA 12:00 A.M. - 6:00 A.M.	1	12	18	1.50																														239	
93+04, RT	P 2 HOUR PAY PARKING	1	12	18	1.50																												R7-21 MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
	NO PARKING IN METERED AREA 12:00 A.M. - 6:00 A.M.	1	12	18	1.50																														239	
93+47, LT	SHOPPING CENTER PARKING P / SHOPPING CENTER PARKING P						1																										MOUNT SALVAGED SIGNS B-B ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			
							1																													
93+58, RT	RESERVED PARKING	1	12	18	1.50						1					X		X	1														SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		239	
93+64, LT	Barnet 10	1	72	12	6.00						2												2	X									VD2-1a		235	
	Danville 8	1	72	12	6.00																												VD2-1a		235	
	SOUTH 5 / WEST 2	1	24	12	2.00		1																										M3-4 (BLACK ON WHITE)	X		
		1	24	24	4.00		1																										M1-4 FOUNDATIONS TO BE INSTALLED IN EXISTING BRICK PAVERS PER STANDARD E-163	X		
	WEST TRUCK 2 / TO 91						1																													
		1	24	12	2.00		1																										M4-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00		1																										M1-1	X		
		1	21	15	2.19		1																										M6-3 (WHITE ON BLUE)	X		
												FT	FT	FT	FT	FT 13	FT		EA 1	LB	LB	LB		LB 248	LB	LB	LB								
	TOTALS				SF 35.69	SF	EA. 8	SF				FT			FT 13					LB			EA. 2	LB 248				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #32

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 173 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 33

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
93+74, RT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
93+82, LT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
94+27, RT		1	12	18	1.50						1					X		X	1															SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		239	
94+30, LT		1	12	18	1.50						1					X		X	1															R7-21 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X	239	
		1	12	18	1.50																															
94+53, RT		1	12	18	1.50						1					X		X	1															R7-21 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X	239	
		1	12	18	1.50																															
94+75, LT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
	TOTALS				SF 32.25	SF	EA.	SF				FT	FT	FT	FT 80	FT	FT		EA 6	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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TRAFFIC SIGN SUMMARY SHEET #33

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 174 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 34

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM ⌀ (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL ⌀ (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
94+94, RT		1	30	30	6.25						1					X		X	1															W11-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING BRICK PAVERS PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
95+50, LT		1	12	18	1.50																											R7-21 MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X	239	
		1	12	18	1.50																															
95+50, RT		1	24	12	2.00						1													1	X								M3-1	X		
		1	24	24	4.00																													M1-4	X		
		1	21	15	2.19																													M6-3	X		
		1	24	12	2.00																													M3-2 FOUNDATION TO BE INSTALLED IN EXISTING SIDEWALK PER STANDARD E-163	X		
		1	24	24	4.00																													M1-4	X		
		1	21	15	2.19																													M6-1	X		
95+69, RT		1	12	18	1.50						1					X		X	1															R7-21 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X	239	
		1	12	18	1.50																															
95+84, LT		1	12	18	1.50						1					X		X	1															R7-8 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
96+32, RT							1				1					X		X	1															MOUNT SALVAGED SIGN ON NEW POST SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			
96+62, RT		1	36	36	9.00																													RI-1 MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
		1	18	6	0.75																													RI-3P	X		
												FT	FT	FT	FT	FT 53	FT		EA 4	LB	LB	LB		LB III	LB	LB	LB								
					TOTALS							FT			FT 53					LB			EA. 1		LB III			EA.	EA.	LB					
					SF 41.88	SF	EA. 1	SF																												

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

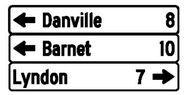
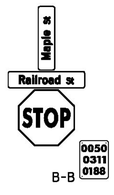
TRAFFIC SIGN SUMMARY SHEET #34

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 175 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 35

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
96+79, LT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
97+10, LT		1	72	12	6.00						2					X		X	2															VDI-1a VDI-1a SLEEVE'S TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL VDI-1a		233 234 234	
		1	72	12	6.00																															
		1	72	12	6.00																															
97+73, LT		1	36	36	9.00						1						X	X																RI-1 RI-3P	X X		
		1	18	6	0.75																															
98+16, LT		1	24	24	4.00																													R8-3 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
98+60, LT		1	30	30	6.25						1					X		X																VR-921			E-145A
98+76, LT		1	12	18	1.50																													R7-4 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
99+33, LT		1	24	24	4.00																													R8-3 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
99+44, LT		1	30	30	6.25						1					X		X																WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
99+46, LT		1	30	8	1.68						1					X		X																D3-1		230	
		1	36	8	2.01																													D3-1		230	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
												FT	FT	FT	FT	FT 82	FT 14		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
TOTALS					SF 70.36	SF	EA.	SF				FT			FT 96					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

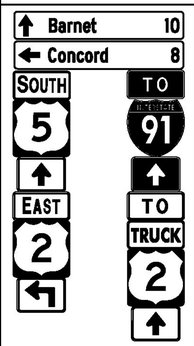
TRAFFIC SIGN SUMMARY SHEET #35

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 176 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 36

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
99+50, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN) USE EXISTING SLEEVE	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
100+03, LT		1	72	12	6.00						2												2	X									VD2-1a		235	
		1	72	12	6.00																											VD2-1a		234	
		1	24	12	2.00																											M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																											M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																											MI-4	X		
		1	24	24	4.00																											MI-1	X		
		1	21	15	2.19																											M6-3 (BLACK ON WHITE)	X		
		1	21	15	2.19																											M6-3 (WHITE ON BLUE)	X		
		1	24	12	2.00																											M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																											M4-5 (BLACK ON WHITE)	X		
		1	24	24	4.00																											MI-4	X		
		1	24	12	2.00																											M4-4 (BLACK ON WHITE)	X		
		1	21	15	2.19																											M5-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																											M6-3 (BLACK ON WHITE)	X		
100+28, RT		1	24	12	2.00						1					X		X	1													M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																											MI-4 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
101+30, RT		1	12	18	1.50						1					X		X															R7-8	X		
101+72, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN) USE EXISTING SLEEVE	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
TOTALS			SF 66.76		SF		EA.		SF			FT	FT	FT	FT	FT 55	FT		EA 1	LB	LB	LB	EA. 2	LB 266	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #36

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 177 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 37

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88	1.75	2.0	2.42	2.5	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 1.3	3.0	4.0	1.7	4.0 MOD	1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 7.6	3.0	9.0	3.5	10.8	4.0	14.6	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																											
101+87, LT		1	30	30	6.25						1					X			X																					WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																																			WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
102+87, LT		1	24	24	4.00						1					X			X																					M6-3 (WHITE ON BLUE)	X	239	
		1	6	10	0.42																																			VD-700			E-138
103+87, LT		1	21	15	2.19						1					X			X																					M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																																			MI-4	X		
104+86, LT	 B-B	1	30	8	1.68						1					X			X																					D3-1		230	
		1	36	8	2.01																																			D3-1		230	
		1	30	30	6.25																																			RI-1	X		
		1	6	10	0.42																																			VD-700			E-138
106+19, RT		1	24	30	5.00		1			1	1					X			X																					R2-1	X		
																																						MOUNT SALVAGED SIGN BELOW NEW SPEED LIMIT SIGN ON NEW POST			
		1	6	10	0.42																																			VD-700			E-138
110+30, LT		1	24	30	5.00		1			1	1					X			X																					R2-1	X		
																																							MOUNT SALVAGED SIGN BELOW NEW SPEED LIMIT SIGN ON NEW POST			
												FT	FT	FT	FT	FT 83	FT		EA	LB	LB	LB		LB	LB	LB	LB												
TOTALS		SF 41.83	SF	EA. 2	SF						FT				FT 83				LB				EA.	LB				EA.	EA.	LB								

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #37

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 178 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 38

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
111+00, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
111+40, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
111+85, RT		1	36	36	7.07						1					X		X															W10-1	X		
112+20, RT	 B-B 0050 0311 0212	1	24	8	1.34																											D3-1		230	
		1	36	8	2.01						1					X		X															D3-1		230	
		1	30	30	6.25																											R1-1	X		
		1	6	10	0.42																											VD-700			E-138
112+51, RT		1	24	36	6.00						1					X		X															R8-10	X		
112+64, RT		1	48	9	6.00																											R15-1 MOUNT NEW SIGNS ON NEW RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																													238	
		1	15	9	0.94																											I-13		238	
												FT	FT	FT	FT	FT 71	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 46.78	SF	EA.	SF				FT			FT 71					LB			EA.	LB				EA.	EA.	LB					

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #38

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 179 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 39

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
112+99, RT		1 1 1	48 9 15	9 4 9	6.00 0.25 0.94																												R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING. I-13	X	238 238	
113+57, RT		1	24	36	6.00						1					X		X															R8-10	X		
114+35, RT		1	36	36	7.07						1					X		X															W10-1	X		
116+51, RT		1	36	36	9.00						2					X		X															W10-2	X		
118+40, RT		1	36	36	9.00						2					X		X															W10-4	X		
118+70, LT		1 1 1	24 36 6	8 8 10	1.34 2.01 0.42						1					X		X															D3-1 D3-1 VD-700		230 230	 E-138
TOTALS		SF 42.03	SF	EA.	SF				FT	FT	FT	FT	FT 100	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB								

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #39

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 180 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 40

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
119+30, RT	RAIL ROAD CROSSING 850-938H REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-938H	1	48	9	6.00																												R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	
119+32, LT	LEGAL LOAD LIMIT 16,000 POUNDS	1	24	30	5.00						1					X		X															VR-017		238	
119+98, RT	RAIL ROAD CROSSING 850-938H REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-938H	1	48	9	6.00																												R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	
120+14, RT	Concord Ave Railroad St 0050 0311 0228	1	36	8	2.01																												D3-1		229	
		1	36	8	2.01						1					X		X															D3-1		230	
		1	6	10	0.42																												VD-700			E-138
120+16, RT	R R	1	36	36	7.07						1					X		X															W10-1	X		
121+11, RT	NORTH 5	1	24	12	2.00						1					X		X															M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
												FT	FT	FT	FT	FT 52	FT		EA	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 36.89	SF	EA.	SF				FT			FT 52					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

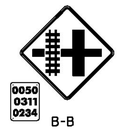
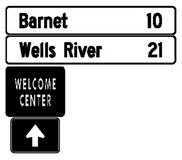
TRAFFIC SIGN SUMMARY SHEET #40

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 181 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 41

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
123+49, LT	 B-B	1	36	36	9.00						2					X		X															WI0-2	X		
		1	6	10	0.42																												VD-700			E-138
128+00, LT		1	24	30	5.00						1					X		X															R2-1	X		
129+67, RT		1	21	15	2.19						1					X		X															M2-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	6	10	0.42																												VD-700			E-138
130+00, LT		1	72	12	6.00						2							X	X															VD2-1			235
		1	72	12	6.00																												VD2-1 USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½")			235
		1	24	24	4.00																															239
		1	21	15	2.19																												M6-3 (WHITE ON BLUE)	X		
132+00, LT		1	24	12	2.00						2							X	X														2-#2	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-1 USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½")	X		
		1	24	12	2.00																												M4-5 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	12	2.00																												M4-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4 FOR SIGN FRAME DETAIL SEE SHEET 241	X		
												FT	FT	FT	FT	FT 58	FT 65		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 67.22	SF	EA.	SF				FT			FT 123					LB			EA.	LB				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

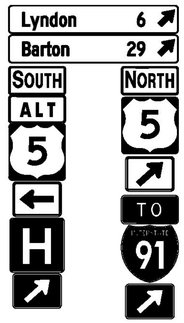
TRAFFIC SIGN SUMMARY SHEET #41

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 182 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 42

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
132+94, RT		1	72	12	6.00						2												2	X									VDI-1a		235	
		1	72	12	6.00																												VDI-1a		235	
		1	24	12	2.00																												M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
		1	24	24	4.00																												M1-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																												D9-2	X		
		1	24	24	4.00																												M1-1	X		
		1	21	15	2.19																												M6-2 (WHITE ON BLUE)	X		
		1	21	15	2.19																												M6-2 (WHITE ON BLUE)	X		
134+14, RT		1	30	30	6.25						1					X		X															VR-92I			E-145A
134+67, LT		1	36 X 36 X 36		4.50						1					X		X															RI-2	X		
		1	6	10	0.42																												VD-700			E-138
135+06, RT		1	30	36	7.50						1					X		X															RIO-11a	X		
135+37, LT		1	30	36	7.50																												RIO-12 MOUNT NEW SIGN ON EXISTING OVERHEAD SPAN WIRE	X		
135+45, RT		1	36	36	9.00																												RIO-11b MOUNT NEW SIGN ON EXISTING OVERHEAD SPAN WIRE	X		
135+66, RT		1	36	36	9.00																												RIO-11b MOUNT NEW SIGN ON EXISTING OVERHEAD SPAN WIRE	X		
136+68, RT		1	36	36	7.07						1					X		X															WIO-1	X		
136+80, LT		1	30	30	6.25						1					X		X															VR-92I			E-145A

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF 102.25	SF	EA.	SF		FT	FT	FT	FT 69	FT	FT	EA	LB	LB	LB	EA. 2	LB 251	LB	LB	LB	EA.	EA.	LB

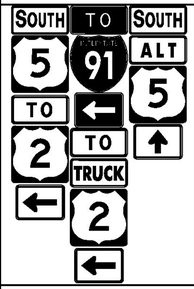
TRAFFIC SIGN SUMMARY SHEET #42

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 183 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 43

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
137+68, RT		1	36	36	9.00						2					X		X																WI0-12	X		
		1	18	18	3.00																															239	
137+80, LT		1	24	12	2.00						2																							*2 & *3	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-5 (WHITE ON BLUE)	X		
		1	24	12	2.00																													M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-I	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-5 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-1 (WHITE ON BLUE) FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-4	X		
		1	24	12	2.00																													M4-5 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-3 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
138+41, RT		1	24	12	2.00						2					X		X																M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	12	2.00																													M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																													MI-I	X		
138+80, LT		1	72	12	6.00						2							X	X															VDI-1a		234	
		1	72	12	6.00																													VDI-1a		235	
		1	24	24	4.00																															239	
		1	21	15	2.19																													M5-1 (WHITE ON BLUE)	X		
138+88, RT		1	24	36	6.00						1					X		X																R8-10	X		
138+96, RT		1	48	9	6.00																													R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																															238	
		1	15	9	0.94																													I-13		238	
												FT	FT	FT	FT	FT 76	FT 31		EA	LB	LB	LB		LB 236	LB	LB	LB									
TOTALS			SF 98.14	SF	EA.	SF			FT			FT 107								LB			EA. 2	LB 236				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #43

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 184 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 44

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
139+45, RT	BICYCLES USE CAUTION						1				1					X		X																MOUNT SALVAGED SIGN ON NEW POST			
139+80, LT	JCT ALT 5	1	21	15	2.19																												M2-1 (BLACK ON WHITE)	X		
		1	24	12	2.00						1					X		X															M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												M1-4	X		
141+17, LT	Old Center Rd / Memorial Dr / STOP / 0050 0311 0267 B-B	1	42	8	2.35																												D3-1		230	
		1	36	8	2.01																												D3-1		230	
		1	30	30	6.25						1					X		X															R1-1	X		
		1	24	24	4.00																												R3-2	X		
		1	6	10	0.42																												VD-700			E-138
141+38, RT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	X		
142+21, LT	RAIL ROAD CROSSING 350-935NC REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-935M B-B	1	48	9	6.00																												R15-1	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE		238	
		1	48	9	6.00																												R15-1	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	
142+25, LT	RAIL ROAD CROSSING 350-935NC REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-935M	1	48	9	6.00																												R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB
	49.79		1			FT			FT	55				LB			EA.	LB				EA.	EA.	LB
										55														

TRAFFIC SIGN SUMMARY SHEET #44

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 185 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 45

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
142+33, LT	Old Center Rd / Memorial Dr / STOP / 0050 0311 0270 B-B	1	42	8	2.35						1					X		X																D3-1		230	
		1	36	8	2.01																												D3-1		230	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
142+35, LT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
142+70, LT	RAIL ROAD CROSS BUCK / 1-888-265-2735 / REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-935M	1	48	9	6.00																												RI5-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	
142+74, LT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
142+77, LT	LEGAL LOAD LIMIT 24,000 POUNDS / WINTER PARKING BAN NO PARKING 12AM TO 6AM NOV 15TH TO APRIL 15TH	1	24	30	5.00		1				1					X		X															VR-017 MOUNT SALVAGED SIGN BELOW NEW SIGN ON NEW POST			E-141
TOTALS					SF 35.22	SF	EA. 1	SF				FT	FT	FT	FT 55	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

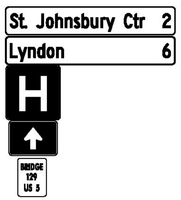
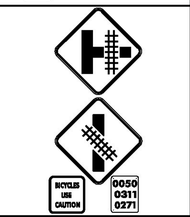
TRAFFIC SIGN SUMMARY SHEET #45

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 186 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 46

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
143+09, RT		1	72	12	6.00																													VD2-1		235	
		1	72	12	6.00																													VD2-1		235	
		1	24	24	4.00						2												2	X									D9-2	X		
		1	21	15	2.19																													M6-3 (WHITE ON BLUE)	X		
		1	6	10	0.42																													VD-701		238	
143+30, LT		1	36	36	9.00						2						X	X																WIO-3	X		
		1	36	36	9.00																													WIO-12	X		
		1	18	18	3.00																															239	
		1	6	10	0.42																													VD-700			E-138
145+70, LT		1	36	36	7.07						1					X		X																WIO-1	X		
		1	6	10	0.42																													VD-701		238	
144+00, LT		1	36	36	7.07						1					X		X																WIO-1	X		
146+53, RT	 B-B	1	36	8	2.01						1					X		X																D3-1		230	
		1	36	8	2.01																													D3-1		230	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
149+71, LT		1	48	24	8.00						2					X		X																WI-7	X		
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT 69	FT 40		EA	LB	LB	LB		LB 293	LB	LB	LB									
	TOTALS				SF 73.28	SF	EA.	SF				FT			FT 109					LB			EA. 2	LB 293				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #46

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 187 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 47

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY U.S. ROUTE 5 (CONT.)																																				
149+99, RT	 B-B	1	36	8	2.01						1					X		X														D3-1		230	
		1	36	8	2.01																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
ST. JOHNSBURY ALT. U.S. ROUTE 5																																				
0+22, LT	 B-B	1	24	8	1.34						1					X		X														D3-1		230	
		1	36	8	2.01																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
1+00, RT		1	24	12	2.00						1					X		X														M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																											M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																											MI-4	X		
1+22, LT		1	24	30	5.00						1					X		X														VR-656			E-140
2+00, RT		1	24	30	5.00		1				1					X		X														R2-1 MOUNT SALVAGED SIGN BELOW NEW SIGN ON NEW POST	X		
TOTALS			SF 38.71		SF	EA. 1	SF					FT	FT	FT	FT	FT 67	FT 67		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #47

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 188 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 48

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
2+50, LT	Barnet 9 → / Wells River 20 → / EAST / TRUCK NORTH SOUTH / 2 5 5	1	72	12	6.00						2												2	X								*3	VDI-1a		235	
		1	72	12	6.00																													VDI-1a		235	
		1	24	12	2.00																													M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-4 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4 FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-4	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M6-1 (BLACK ON WHITE)	X		
4+00, LT	W3-1	1	30	30	6.25						1					X		X																W3-1	X		
4+00, RT	Danville 8 / Lyndon 8	1	72	12	6.00						2					X		X																VD2-1		233	
		1	72	12	6.00																													VD2-1		236	
5+50, LT	JCT 5	1	21	15	2.19						1					X		X																M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
5+50, RT	9997 0311 0010	1	6	10	0.42						1				X			X																VD-700			E-138
10+78, LT	9997 0311 0020	1	6	10	0.42						1				X			X																VD-700			E-138
17+60, RT	JCT 2 / 9997 0311 0033	1	21	15	2.19						1					X		X																M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	6	10	0.42																													VD-700			E-138
19+16, RT	AHEAD	1	36	36	9.00						1							X	X															SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	30	18	3.75																													W16-9P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB									
															16	68	15							203												
TOTALS			SF 83.21	SF	EA.	SF						FT			FT 99					LB				EA. 2	LB 203			EA.	EA.	LB						

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #48

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 189 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 49

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
19+89, LT	Barnet 9 Wells River 20 EAST TRUCK 2 SOUTH 5	1	72	12	6.00						2												2	X									VD2-1		234	
		1	72	12	6.00																												VD2-1		235	
		1	24	12	2.00																												M3-2 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
20+11, LT	Fairbanks Dr. Main St STOP 9997 0311 0038 B-B	1	36	8	2.01						1					X			X														D3-1		230	
		1	24	8	1.34																												D3-1		230	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
20+41, LT	WINTER PARKING BAN NO PARKING 11AM TO 6AM NOV 15TH TO APRIL 15TH						1				1					X			X														MOUNT SALVAGED SIGN ON NEW POST			
20+62, RT	Lyndon 8 Danville 8	1	72	12	6.00						2					X			X														VD2-1		236	
		1	72	12	6.00																												VD2-1		233	
21+37, RT		1	36	36	9.00																												SI-1 (FLUORESCENT YELLOW-GREEN) MOUNT NEW SIGNS ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
21+70, LT		1	36	36	9.00						1						X		X														SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												W16-7P (FLUORESCENT YELLOW-GREEN)	X		
TOTALS			SF 74.40			SF	EA. 1	SF				FT	FT	FT	FT 64	FT 50	FT 14		EA	LB	LB	LB	EA. 2	LB 187	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #49

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 190 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 50

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	1.3	1.7	1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0	3.5	4.0	5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																													
22+13, RT		1	24	12	2.00						2																		2	X																		

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 51

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) FOUNDATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
25+47, LT	SOUTH ALT 5 EAST WEST 2 2	1	24	12	2.00				1																							*2	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M6-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-2 (BLACK ON WHITE) MOUNT NEW SIGNS ON EXISTING POST FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	24	12	2.00																												M3-4 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																												M6-3 (BLACK ON WHITE)	X		
25+98, RT		1	30	30	6.25						1					X		X														W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												USE EXISTING SLEEVE W16-7P (FLUORESCENT YELLOW-GREEN)	X		
26+58, RT	NORTH ALT 5 9997 0311 0050	1	24	12	2.00						1					X		X	1														M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	6	10	0.42																												VD-700			E-138
26+61, LT	ONLY	1	30	30	6.25																												VR-92I MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)			E-145A
27+55, LT	RESERVED PARKING	1	12	18	1.50						1					X		X	1														SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		239	
27+81, LT	Central St / Main St / STOP 9997 0311 0053 B-B	1	30	8	1.68						1					X		X															D3-1		229	
		1	24	8	1.34																												D3-1 USE EXISTING SLEEVE		230	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
												FT	FT	FT	FT	FT 53	FT		EA 2	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 60.68	SF	EA.	SF				FT			FT 53					LB			EA.	LB				EA.	EA.	LB					

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #51

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
PLOT DATE: 5/5/2014
SHEET 192 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 52

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (In) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
28+13, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											USE EXISTING SLEEVE WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
28+31, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											USE EXISTING SLEEVE WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
29+04, RT		1	12	18	1.50						1					X		X	1													SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		239	
29+05, LT		1	72	12	6.00						2							X	X														VDI-1a		236	
		1	72	12	6.00																											VDI-1a		236	
		1	24	24	4.00																														239	
		1	21	15	2.19																											M5-1(WHITE ON BLUE)	X		
30+14, RT		1	30	30	6.25						1					X		X	1													WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
30+35, LT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT 71	FT 31		EA 2	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
TOTALS					SF 52.69	SF	EA.	SF				FT			FT 102					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #52

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 193 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 53

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (In) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
31+46, RT	Prospect St / Main St / STOP / B-B 9997 0311 0060	1	36	8	2.01						1					X		X																D3-1		230	
		1	24	8	1.34																													D3-1		230	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
31+74, LT	Church St / Main St / STOP / B-B 9997 0311 0060	1	30	8	1.68						1					X		X																D3-1		230	
		1	24	8	1.34																													D3-1		230	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
32+42, RT		1	30	30	6.25						1					X		X																WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
32+60, LT		1	30	30	6.25						1					X		X																WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
33+46, RT	Charles St / Main St / STOP / B-B 9997 0311 0063	1	30	8	1.68						1					X		X																D3-1		230	
		1	24	8	1.34																													D3-1		230	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
											FT	FT	FT	FT	FT 70	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS		SF 45.90	SF	EA.	SF				FT		FT 70								LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #53

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 194 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 54

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
33+60, LT	JCT 2	1	21	15	2.19						1					X		X															M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																											M1-4	X		
36+40, LT		1	30	30	6.25						1					X		X															W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
36+43, RT		1	30	30	6.25						1					X		X															W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																											W16-7P (FLUORESCENT YELLOW-GREEN)	X		
36+58, RT	LEGAL LOAD LIMIT 16,000 POUNDS	1	24	30	5.00						1					X		X															VR-017		238	
36+93, RT	Maple St / Main St / STOP B-B 9997 0311 0070	1	30	8	1.68						1					X		X															D3-1		230	
		1	24	8	1.34																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
37+42, LT	Winter St / Main St / STOP B-B 9997 0311 0071	1	30	8	1.68						1					X		X															D3-1		230	
		1	24	8	1.34																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
37+63, RT	NO PARKING HERE TO CORNER						1				1					X		X															MOUNT SALVAGED SIGN ON NEW POST			
												FT	FT	FT	FT	FT 95	FT		EA	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 47.07	SF	EA. 1	SF				FT			FT 95					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #54

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 195 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 55

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
41+23, LT	Cary Pl / Main St / STOP / 9997 0311 0078 B-B	1	24	8	1.34						1					X		X															D3-1		230	
		1	24	8	1.34																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
41+54, RT	Clarks Ave / Main St / STOP / 9997 0311 0078 B-B	1	36	8	2.01						1					X		X															D3-1		230	
		1	24	8	1.34																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
43+25, RT	ALT / 5	1	24	12	2.00						1					X		X															M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																											M1-4	X		
		1	21	15	2.19																											M6-2 (BLACK ON WHITE)	X		
43+50, LT	WINTER PARKING BAN NO PARKING 12AM TO 6AM NOV 15TH TO APRIL 15TH						1				1					X		X															MOUNT SALVAGED SIGN ON NEW POST			
44+59, LT	Clinton Ave / Main St / STOP / 9997 0311 0084 B-B	1	36	8	2.01						1					X		X															D3-1		230	
		1	24	8	1.34																											D3-1		230	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
TOTALS		SF 37.58			SF		EA. 1	SF				FT	FT	FT	FT 67	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #55

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 196 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 56

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
46+32, RT	LEGAL LOAD LIMIT 16,000 POUNDS	1	24	30	5.00						1					X		X																VR-017		238	
46+57, RT	Main St / Mt Pleasant St / STOP B-B 9997 0311 0088	1	24	8	1.34						1					X		X																D3-1		230	
		1	42	8	2.35																													D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
48+18, RT	Main St / Mt Pleasant St / STOP B-B 9997 0311 0091	1	24	8	1.34						1					X		X																D3-1		230	
		1	42	8	2.35																													D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
48+34, LT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
48+62, RT	Boynton Ave / Mt Pleasant St / STOP B-B 9997 0311 0092	1	36	8	2.01						1					X		X																D3-1		231	
		1	42	8	2.35																													D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
48+63, RT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
											FT	FT	FT	FT	FT 82	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 53.25	SF	EA.	SF			FT			FT 82				LB				EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #56

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 197 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 57

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
49+60, RT		1	30	30	6.25						1					X		X																VR-921			E-145A
50+00, LT		1	36	8	2.01						1					X		X																D3-1		230	
		1	42	8	2.35																													D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
50+53, RT							1				1					X		X																MOUNT SALVAGED SIGN ON NEW POST			
50+85, RT		1	30	8	1.68						1					X		X																D3-1		231	
		1	42	8	2.35																													D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
50+97, RT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
51+13, LT		1	30	30	6.25						1					X		X																W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													W16-7P (FLUORESCENT YELLOW-GREEN)	X		
51+36, LT		1	36 X 36 X 36		4.50						1					X		X																RI-2	X		
		1	24	24	4.00																													R3-2	X		
		1	6	10	0.42																													VD-700			E-138
												FT	FT	FT	FT	FT 95	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 53.40	SF	EA. 1	SF				FT			FT 95					LB			EA.	LB				EA.	EA.	LB						

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"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #57

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 198 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 58

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
51+67, LT	NORTH ALT 5	1	24	12	2.00						1						X	X																M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
52+27, LT	SOUTH ALT 5	1	24	12	2.00						1						X	X																M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
52+36, LT	Summer St / Hastings St / STOP 9997 0311 0099 B-B	1	36	8	2.01						1					X		X															D3-1		229	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
57+80, RT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															R2-1	X		
59+60, RT	JCT 5 9997 0311 0113	1	21	15	2.19						1					X		X															M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	6	10	0.42																												VD-700			E-138
TOTALS			SF 42.68		SF	EA.	SF					FT	FT	FT	FT 75	FT 44	FT 31		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #58

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 199 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 59

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
ST. JOHNSBURY ALT. U.S. ROUTE 5 (CONT.)																																				
61+35, RT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
61+90, LT		1	30	30	6.25						1					X		X																	WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
62+80, RT		1	30	30	6.25						1					X		X																	W3-3	X		
63+82, LT		1	24	30	5.00						1					X		X																	R2-1	X		
		1	6	10	0.42																													VD-700			E-138
64+67, RT		1	72	12	6.00						2												2	X										VDI-1a		236	
		1	72	12	6.00																													VDI-1a		236	
		1	24	12	2.00																													M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
		1	24	24	4.00																													MI-4	X		
		1	21	15	2.19																													M6-3 (BLACK ON WHITE)	X		
		1	21	15	2.19																													M5-1 (BLACK ON WHITE)	X		
65+76, RT		1	30	30	6.25						1					X		X																	VR-921			E-145A
65+82, LT		1	24	12	2.00						1					X		X																	M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																													M4-1a (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4 (BLACK ON WHITE)	X		
TOTALS					SF 70.80	SF	EA.	SF				FT	FT	FT	FT 83	FT	FT		EA 1	LB	LB	LB	EA. 2	LB 187	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #59

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 200 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 60

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5																																				
140+32, RT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
140+37, RT	RAIL CROSS ROAD; 1-800-950-9190; REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-9190	1 1 1	48 9 15	9 4 9	6.00 0.25 0.94																											R15-1 I-13	MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X	 238 238	
140+96, LT	RAIL CROSS ROAD; 1-800-950-9190; REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-9190	1 1 1	48 9 15	9 4 9	6.00 0.25 0.94																											R15-1 I-13	MOUNT NEW SIGNS ON NEW RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X	 238 238	
141+05, LT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
TOTALS			SF 26.38	SF	EA.	SF						FT	FT	FT	FT 28	FT	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #60

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 201 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 61

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
141+17, LT	Rose Ln	1	36	12	3.00						1					X		X															D3-1		231	
	Broad St	1	42	12	3.50																												D3-1		231	
141+50, RT		1	36	36	9.00						2					X		X															W10-2R	X		
142+30, RT	QUIET ZONE NO ENGINE BRAKES						1				1					X		X															MOUNT SALVAGED SIGN ON NEW POST			
142+50, LT	R R	1	36	36	7.07						1					X		X															W10-1	X		
142+65, RT	SPEED LIMIT 25	1	24	30	5.00						1					X		X															R2-1	X		
142+71, RT	RAIL ROAD CROSSING 850-918W REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-918W	1	48	9	6.00																												R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																														238	
		1	15	9	0.94																												I-13		238	
												FT	FT	FT	FT	FT 86	FT		EA	LB	LB	LB		LB	LB	LB	LB									
	TOTALS				SF 34.76	SF	EA. 1	SF				FT			FT 86					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #61

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 202 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 62

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
142+72, RT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
142+73, RT	R R	1	36	36	7.07						1					X		X															W10-1	X		
142+95, RT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X															R8-10	X		
143+05, RT	RAIL ROAD CROSS ROAD; 350-911W; REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-9180	1 1 1	48 9 15	9 4 9	6.00 0.25 0.94																											R15-1 I-13	MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X	 238 238	
143+08, LT	South St; Broad St; STOP; 0050 0307 0271 B-B	1 1 1 1	42 42 30 6	12 12 30 10	3.50 3.50 6.25 0.42						1						X	X														D3-1 D3-1 R1-1 VD-700	 X 	231 231 	 E-138
TOTALS					SF 39.93	SF	EA.	SF				FT	FT	FT	FT	FT 43	FT 15		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						
												FT			FT 58					LB			EA.	LB											

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

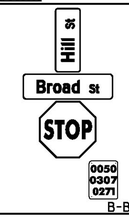
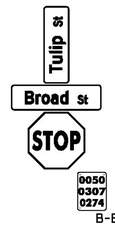
TRAFFIC SIGN SUMMARY SHEET #62

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 203 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 63

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
143+20, RT		1	30	12	2.50						1						X		X														D3-1		231	
		1	42	12	3.50																												D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
143+45, LT		1	30	12	2.50						1					X			X														R3-9dP	X		
		1	24	24	4.00																												R8-3	X		
143+96, LT		1	36	36	9.00						2					X			X														W10-2L	X		
144+51, LT		1	24	12	2.00																												M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00						1					X			X														M1-4	X		
		1	21	15	2.19																												M6-2 (BLACK ON WHITE)	X		
144+52, LT		1	36	12	3.00						1																						D3-1		231	
		1	42	12	3.50												X		X														D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
												FT	FT	FT	FT	FT 59	FT 30		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS			SF 49.53	SF	EA.	SF						FT			FT 89					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #63

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 204 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 64

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
145+50, RT	JCT / ALT / VERMONT 122	1	21	15	2.19						1					X		X															M2-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
145+54, LT	R	1	24	24	4.00						1					X		X															R8-3	X		
146+30, RT	11'-9"	1	36	36	9.00						2												2	X								W12-2	X		
	ONE LANE BRIDGE	1	36	36	9.00																											W5-3	X		
	← TRUCKS USE US ROUTE 5	1	24	18	3.00																											W16-5P	X		
		1	24	12	2.00																											W7-2bP VARIATION		239	
147+07, RT	West Burke 8	1	72	12	6.00						2												2	X								VDI-1		236	
	← Lyndon Center	1	72	12	6.00																											VDI-1		236	
	← Lyndon St College	1	72	12	6.00																											VDI-1		236	
	NORTH	1	24	12	2.00																											M3-1 (BLACK ON WHITE)	X		
	ALT	1	24	12	2.00																											M4-1a (BLACK ON WHITE)	X		
	VERMONT 122	1	30	24	5.00																											(GREEN ON WHITE)	X		E-136B
	←	1	21	15	2.19																											M6-1 (BLACK ON WHITE)	X		
147+10, LT	R	1	24	24	4.00						1					X		X															R8-3	X		
TOTALS		SF 69.38	SF	EA.	SF							FT	FT	FT	FT 44	FT	FT	EA	LB	LB	LB	EA. 4	LB 484	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #64

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 205 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 65

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
148+10, LT	BEGIN	1	30	12	2.50						1					X		X																R3-9cP	X		
		1	24	24	4.00																													R8-3	X		
148+36, LT	B-B	1	30	30	6.25						1					X		X																WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
		1	30	30	6.25																												WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
148+40, LT	Center St / Broad St / STOP 0050 0307 0281 B-B	1	42	12	3.50						1							X	X															D3-1		231	
		1	42	12	3.50																												D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
149+04, LT	Lyndon Center → / Lyndon St College → / NORTH / ALT / VERMONT 122 / →	1	72	12	6.00						2							X	X															VDI-1		236	
		1	72	12	6.00																												VDI-1		237	
		1	24	12	2.00																												M3-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-1a (BLACK ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	21	15	2.19																												M6-1	X		
TOTALS		SF 59.86	SF	EA.	SF							FT	FT	FT	FT 78	FT 28	FT 50		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #65

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 206 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 66

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
149+40, RT		1	24	12	2.00						1					X		X																M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																													M1-4	X		
		1	21	15	2.19																													M5-1 (BLACK ON WHITE)	X		
149+41, LT		1	18	30	3.75						1					X		X	1															R4-8c	X		
		1	18	18	2.25																													OM1-1 SLEEVE TO BE INSTALLED IN NEW ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	18	18	2.25																													OM1-1	X		
149+50, LT		1	30	30	6.25						1					X		X	1															VR-92I	SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			E-145A
149+54, LT		1	12	18	1.50						1					X		X	1															R7-108	SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
150+03, LT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN NEW ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
150+18, LT		1	30	30	6.25						1					X		X	1															WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN NEW ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																													WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
150+25, LT		1	12	18	1.50						1					X		X																USE EXISTING SLEEVE		239	
	TOTALS	SF 42.19	SF	EA.	SF				FT	FT	FT	FT	FT 94	FT		EA 5	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB								

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #66

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 207 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 67

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
150+50, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1															R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
150+67, RT	ONLY ONLY	1	36	30	7.50						1					X		X																VR-925			E-145A
150+79, RT	B-B	1 1 1	18 18 18	30 18 18	3.75 2.25 2.25						1					X		X	1															R4-8c OMI-1 OMI-1 SLEEVE TO BE INSTALLED IN NEW ISLAND PER T-45 TWO PIECE ANCHOR DETAIL	X X X		
150+88, LT	JCT ALT VERMONT 122	1 1 1	21 24 30	15 12 24	2.19 2.00 5.00						1					X		X																M2-1 (BLACK ON WHITE) M4-1a (BLACK ON WHITE) (GREEN ON WHITE)	X X		 E-136B
151+47, RT	RAIL CROSSING ROAD DOT 850-9177P REPORT EMERGENCY OR PROBLEM TO 1-888-265-2735 CROSSING 850-917P	1 1 1	48 9 15	9 4 9	6.00 0.25 0.94																													R15-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING. I-13	X	 238 238	
151+50, RT	STOP HERE WHEN FLASHING	1	24	36	6.00						1					X		X																R8-10	X		
151+50, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1															R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
												FT	FT	FT	FT	FT 79	FT		EA 3	LB	LB	LB		LB	LB	LB	LB									
	TOTALS		SF 41.13	SF	EA.	SF			FT			FT 79			LB					EA.	LB					EA.	EA.	LB							

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TRAFFIC SIGN SUMMARY SHEET #67

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 208 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 68

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
151+55, RT		1	30	30	6.25						1					X		X																SALVAGE BEACON			
		1	18	6	0.75																													RI-1	X		
																																		RI-3P	X		
151+57, RT		1	24	30	5.00						1					X		X																R2-1	X		
151+74, RT		1	36	36	7.07						1					X		X																WI0-1	X		
151+84, RT		1	48	9	6.00																												RI5-1 MOUNT NEW SIGNS ON EXISTING RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH REFLECTIVE SHEETING.	X		
		1	9	4	0.25																															238	
		1	15	9	0.94																													I-13		238	
151+86, RT		1	24	36	6.00						1					X		X																R8-10	X		
151+88, RT		1	30	30	6.25						1					X		X																VR-921			E-145A
											FT	FT	FT	FT	FT 71	FT		EA	LB	LB	LB		LB	LB	LB	LB										
TOTALS			SF 38.51	SF	EA.	SF			FT		FT 71				LB		EA.	LB				EA.	EA.	LB											

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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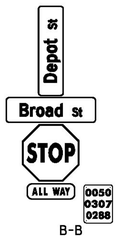
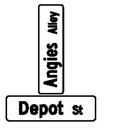
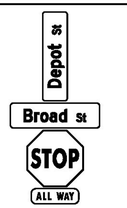
TRAFFIC SIGN SUMMARY SHEET #68

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 209 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 69

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
152+14, RT		1	42	12	3.50																											D3-1		231	
		1	42	12	3.50						1						X	X													D3-1 USE EXISTING SLEEVE		231	
		1	30	30	6.25																											RI-1	X		
		1	18	6	0.75																											RI-3P	X		
		1	6	10	0.42																											VD-700			E-138
152+35, RT		1	42	12	3.50						1					X		X	1													D3-1 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL		231	
		1	42	12	3.50																											D3-1		231	
152+37, LT		1	42	12	3.50																											D3-1		231	
		1	42	12	3.50						1						X	X													D3-1 USE EXISTING SLEEVE		231	
		1	30	30	6.25																											RI-1	X		
		1	18	6	0.75																											RI-3P	X		
152+47, RT		1	12	18	1.50																											R7-108 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
152+53, RT		1	24	12	2.00																											M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00						1					X		X													MI-4	X		
		1	21	15	2.19																											M6-1 (BLACK ON WHITE)	X		

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TOTALS	SF 45.11	SF	EA.	SF		FT	FT	FT	FT	FT 25	FT 26		EA 1	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB
						FT			FT 51					LB			EA.	LB				EA.		

TRAFFIC SIGN SUMMARY SHEET #69

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 210 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 70

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
152+87, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																													R7-108 MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
153+33, LT	ONLY	1	30	30	6.25						1					X		X	1														VR-92I SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			E-145A
153+51, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																													MOUNT NEW SIGN ON EXISTING POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
153+88, RT							1 1				1					X		X																MOUNT SALVAGED SIGNS ON NEW POST USE EXISTING SLEEVE			
154+40, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50					1						X		X	1															R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
TOTALS		SF 10.75	SF	EA. 2	SF							FT	FT	FT	FT	FT 41	FT		EA 2	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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TRAFFIC SIGN SUMMARY SHEET #70

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 211 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 71

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
154+70, RT	Church St / Depot St / STOP / 0056 0307 0293 B-B	1	42	12	3.50						1						X	X															D3-1		231	
		1	42	12	3.50												X	X															D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
155+00, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1														R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
155+10, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1														R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
155+32, LT	SOUTH 5	1	24	12	2.00						1					X		X	1														M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4 MOUNT NEW SIGNS ON EXISTING POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
		1	21	15	2.19																												M6-1 (BLACK ON WHITE)	X		
155+55, RT							1				1					X		X															MOUNT SALVAGED SIGNS ON NEW POST USE EXISTING SLEEVE			
							1																													

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 72

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
155+58, LT	Elm St / Depot St / STOP 0050 0307 0295 B-B	1	36	12	3.00						1						X	X															D3-1		231	
		1	42	12	3.50																												D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
155+59, LT							1				1					X		X	1														MOUNT SALVAGED SIGNS ON NEW POST SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			
							1																													
156+30, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1														R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
156+58, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																												MOUNT NEW SIGN ON EXISTING POLE USING STAINLESS STEEL BANDS (INCIDENTAL) R7-108	X		
157+34, RT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50																												MOUNT NEW SIGN ON EXISTING LIGHT POLE USING STAINLESS STEEL BANDS (INCIDENTAL) R7-108	X		
157+50, LT	2 HR PARKING 8:00 AM TO 6:00 PM	1	12	18	1.50						1					X		X	1														R7-108 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
TOTALS		SF 19.17			SF	EA. 2	SF			1		FT	FT	FT	FT 55	FT 40	FT 15		EA 3	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

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FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #72

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 213 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 73

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD 1.3	1.7	1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0	7.6	3.5	9.0	4.0	10.8	5.0	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																										
157+95, RT							1				1					X		X	1																			MOUNT SALVAGED SIGNS ON NEW POST SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL			
		1	1				1																																		
158+09, LT	Main St / Depot St / STOP 0050 0307 0299 B-B	1	36	12	3.00						1						X		X																			D3-1		231		
		1	42	12	3.50																																	D3-1 USE EXISTING SLEEVE		231		
		1	30	30	6.25																																	R1-1	X			
		1	6	10	0.42																																			VD-700			E-138
158+25, LT		1	30	30	6.25						1					X		X	1																			W11-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	24	12	2.00																																	W16-7P (FLUORESCENT YELLOW-GREEN)	X		
158+25, LT	NORTH 5	1	24	12	2.00						1					X		X	1																			M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																																	MI-4 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER T-45 TWO PIECE ANCHOR DETAIL	X		
		1	21	15	2.19																																	M6-1 (BLACK ON WHITE)	X		
158+58, LT	SOUTH 5	1	24	12	2.00																																	M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																																	MI-4 MOUNT NEW SIGNS ON EXISTING POLE USING STAINLESS STEEL BANDS (INCIDENTAL)	X		
		1	21	15	2.19																																	M6-1 (BLACK ON WHITE)	X		
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT	FT 43	FT 15		EA 3	LB	LB	LB		LB	LB	LB	LB														
	TOTALS	SF 37.80			SF		EA. 2	SF				FT			FT 58					LB			EA.	LB				EA.	EA.	LB										

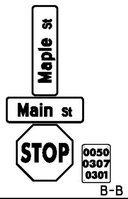
TRAFFIC SIGN SUMMARY SHEET #73

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 214 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 74

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
158+95, LT		1	42	12	3.50						1						X		X														D3-1		231	
		1	36	12	3.00																												D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
160+07, LT		1	30	12	2.50						1					X			X														R3-9dP	X		
		1	24	24	4.00																												R8-3	X		
160+35, RT		1	24	30	5.00						1					X			X														R2-1	X		
161+32, LT		1	24	12	2.00						1					X			X														M3-3 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
		1	21	15	2.19																												M5-1(BLACK ON WHITE)	X		
162+20, RT		1	24	12	2.00						1					X			X														M3-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																												MI-4	X		
162+80, LT		1	24	24	4.00						1					X			X														R8-3	X		
163+32, LT		1	42	12	3.50						1						X		X														D3-1		232	
		1	36	12	3.00																												D3-1		231	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
												FT	FT	FT	FT	FT 72	FT 30		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS			SF 56.03	SF	EA.	SF			FT			FT 102								LB			EA.		LB			EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #74

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 215 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 75

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
163+78, RT	Middle St / Main St / STOP 0050 0307 0310 B-B	1	42	12	3.50																													D3-1		232	
		1	36	12	3.00						1						X	X															D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
166+85, LT	R	1	24	24	4.00						1					X		X																R8-3	X		
169+80, LT	BEGIN / R	1	30	12	2.50						1					X		X																R3-9cP	X		
		1	24	24	4.00																													R8-3	X		
171+86, RT	Grove St / Main St / STOP 0050 0307 0326 B-B	1	42	12	3.50																													D3-1		232	
		1	36	12	3.00						1						X	X															D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
172+00, LT	Powers Park / Main St / STOP 0050 0307 0326 B-B	1	42	12	3.50																													D3-1		232	
		1	36	12	3.00						1						X	X															D3-1		231	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
												FT	FT	FT	FT	FT 28	FT 45		EA	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 50.01	SF	EA.	SF							FT			FT 73					LB			EA.	LB				EA.	EA.	LB					

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #75

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 216 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 76

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
172+60, RT	SPEED LIMIT 35	1	24	30	5.00						1					X		X															R2-1	X		
176+31, RT		1	30	30	6.25																												W11-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00						1					X		X															W16-7P (FLUORESCENT YELLOW-GREEN)	X		
	0020 0311 0334	1	6	10	0.42																												VD-700			E-138
186+60, LT							2				1					X		X															MOUNT SALVAGED SIGNS ON NEW POST			
186+80, RT							2				1					X		X															MOUNT SALVAGED SIGNS ON NEW POST			
187+37, RT	JCT VERMONT 122 VERMONT 114 0050 0307 0355	1	21	15	2.19						1						X	X															M2-1 (GREEN ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	6	10	0.42																												VD-700			E-138
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT	FT 57	FT 15		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS					SF 26.28	SF	EA. 4	SF				FT			FT 72					LB			EA.	LB				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #76

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 217 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 77

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON U.S. ROUTE 5 (CONT.)																																				
188+07, RT	West Burke 7	1	72	12	6.00						2												2	X									VDI-1a		237	
	L. Willoughby 13	1	72	12	6.00																												VDI-1a		237	
	Sheffield 8	1	72	12	6.00																												VDI-1a		237	
	Burke Mtn 7	1	72	12	6.00																												VDI-1a		237	
	Island Pond 23	1	72	12	6.00																												VDI-1a		237	
190+07, RT		1	30	30	6.25						1					X		X															W3-3	X		
191+07, LT	STATE HIGHWAY ENDS SPEED LIMIT 35	1	24	18	3.00						1						X	X															VR-038			E-141
		1	24	30	5.00																												R2-1	X		
191+07, RT	STATE HIGHWAY BEGINS SPEED LIMIT 35	1	24	18	3.00						1						X	X															VR-039			E-141
		1	24	30	5.00																												R2-1	X		
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												FT	FT	FT	FT 19	FT 35		EA	LB	LB	LB		LB 241													
	TOTALS		SF 52.25	SF	EA.	SF			FT			FT 54							LB			EA. 2	LB 241				EA.	EA.	LB						

TRAFFIC SIGN SUMMARY SHEET #77

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 218 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 78

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM ⌀ (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122																																				
1+00, RT	NOTICE / LEGAL LOAD LIMIT 16,000 POUNDS	1	24	12	2.00						1					X		X															WI6-18P	X		
		1	24	30	5.00																												VR-017		238	
1+15, LT	END ALT VERMONT 122 / SOUTH 5 / NORTH 5 / TO PORTLAND 91	1	24	12	2.00						2												2	X							2-#2	M4-6 (BLACK ON WHITE)	X		E-136B
		1	24	12	2.00																											M3-3 (BLACK ON WHITE)	X		
		1	24	12	2.00																											M4-1a (GREEN ON WHITE)	X		
		1	24	24	4.00																											MI-4	X		
		1	30	24	5.00																											(GREEN ON WHITE)			
		1	21	15	2.19																											M6-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																											M3-1 (BLACK ON WHITE) FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	24	12	2.00																											M4-5 (WHITE ON BLUE)	X		
		1	24	24	4.00																											MI-4	X		
		1	24	24	4.00																											MI-1	X		
		1	21	15	2.19																											M6-1 (BLACK ON WHITE)	X		
		1	21	15	2.19																											M6-1 (WHITE ON BLUE)	X		
2+25, RT	NORTH ALT VERMONT 122	1	24	12	2.00						1					X		X															M3-1 (GREEN ON WHITE)	X		
		1	24	12	2.00																											M4-1a (GREEN ON WHITE)	X		
		1	30	24	5.00																											(GREEN ON WHITE)			E-136B
3+70, RT	SPEED LIMIT 35						1				1					X		X															MOUNT SALVAGED SIGN ON NEW POST			
3+75, LT	← Barton 22 / St Johnsbury 9 →	1	72	12	6.00						2					X		X															VDI-1a		237	
		1	72	12	6.00																											VDI-1a		237	
4+85, RT		1	30	30	6.25						1					X		X															WII-2	X		
		1	24	12	2.00																											WI6-7P	X		
4+95, LT		1	30	30	6.25						1					X		X															WII-2	X		
		1	24	12	2.00																											WI6-7P	X		
TOTALS			SF 78.07		SF	EA. 1	SF					FT	FT	FT	FT 97	FT	FT		EA	LB	LB	LB	EA. 2	LB 221	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #78

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 219 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 79

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																				
5+11, LT	South St / Center St / STOP / 1220 0307 0010 B-B	1	30	8	1.68						1					X		X																D3-1		232	
		1	30	8	1.68																													D3-1		232	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
5+41, RT	Elm St / Center St / STOP / 1220 0307 0010 B-B	1	24	8	1.34						1					X		X																D3-1		229	
		1	30	8	1.68																													D3-1		232	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
5+85, LT	JCT / 5	1	21	15	2.19						1					X		X																M2-1 (BLACK ON WHITE)	X		
		1	24	24	4.00																													MI-4	X		
7+00, RT	11'-9" / 4400 FEET	1	36	36	9.00						2					X		X																WI2-2	X		
		1	24	18	3.00																													WI6-2P	X		
8+05, RT	Main St / Center St / STOP / 1220 0307 0015 B-B	1	24	8	1.34						1					X		X																D3-1		230	
		1	30	8	1.68																													D3-1		232	
		1	30	30	6.25																													RI-1	X		
		1	6	10	0.42																													VD-700			E-138
												FT	FT	FT	FT	FT 84	FT		EA	LB	LB	LB		LB	LB	LB	LB									
TOTALS			SF 47.60	SF	EA.	SF						FT			FT 84					LB			EA.	LB				EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #79

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 220 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 80

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																				
12+20, RT	Park Ave / Center St / STOP / 1220 0307 0023 B-B	1	30	8	1.68																												D3-1		232	
		1	30	8	1.68						1					X		X														D3-1		232	
		1	30	30	6.25																												RI-1	X		
		1	6	10	0.42																												VD-700			E-138
15+66, RT	BRIDGE 1 ALT 122 / 1220 0307 0030	1	6	10	0.42																												VD-701		238	
		1	6	10	0.42						1				X			X														VD-700			E-138
16+18, LT	SPEED LIMIT 35 / BRIDGE 1 ALT 122	1	6	10	0.42		1				1					X		X														MOUNT SALVAGED SIGN ABOVE NEW BRIDGE PLAQUE ON NEW POST			
																															VD-701		238	
17+80, RT	SPEED LIMIT 25 / BRIDGE 2 ALT 122	1	24	30	5.00						1					X		X														R2-1	X		
		1	6	10	0.42																												VD-701		238	
20+00, LT	BRIDGE 2 ALT 122 / 1220 0307 0038	1	6	10	0.42						1				X			X														VD-701		238	
		1	6	10	0.42																												VD-700			E-138
22+57, RT		1	30	30	6.25						1					X		X														W3-1	X		
TOTALS		SF 23.80			SF	EA. 1	SF					FT	FT	FT	FT 24	FT 57	FT 81		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #80

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 221 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 81

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75	2.0	2.5 lb/ft 1.88	2.42	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0	4.0	4.0 MOD lb/ft 1.3	1.7	1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0	3.5	4.0	5.0 lb/ft 7.6	9.0	10.8	14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																													
25+10, RT	NORTH ALT VERMONT 122	1	24	12	2.00																																				M3-1 (GREEN ON WHITE)	X		
		1	24	12	2.00																																		M4-1a (GREEN ON WHITE)	X		
		1	30	24	5.00						1						X		X																			(GREEN ON WHITE)			E-136B
		1	21	15	2.19																																		M6-1 (GREEN ON WHITE)	X		
28+37, LT	Back Center Rd / Center St / STOP / 1220 0307 0054 B-B	1	42	8	2.35																																		D3-1		232	
		1	30	8	1.68						1					X			X																			D3-1		232	
		1	30	30	6.25																																		RI-1	X		
		1	6	10	0.42																																		VD-700			E-138
28+42, RT	STOP	1	30	30	6.25						1					X			X																			RI-1	X		
28+74, RT	BRIDGE 3 ALT 122	1	6	10	0.42						1				X				X																			VD-701		238	
29+08, LT	BRIDGE 3 ALT 122	1	48	24	8.00						2					X			X																			WI-7 MOUNT BRIDGE PLAQUE 90 DEGREES TO ARROW SIGN	X		
		1	6	10	0.42																																		VD-701		238	
29+75, LT	SOUTH ALT VERMONT 122	1	24	12	2.00																																		M3-3 (GREEN ON WHITE)	X		
		1	24	12	2.00																																		M4-1a (GREEN ON WHITE)	X		
		1	30	24	5.00						1						X		X																			(GREEN ON WHITE)			E-136B
		1	21	15	2.19																																		M6-1 (GREEN ON WHITE)	X		
30+08, RT	Cutting Ln / Center St / 1220 0307 0057	1	30	8	1.68																																		D3-1		232	
		1	30	8	1.68						1					X			X																			D3-1		232	
		1	6	10	0.42																																		VD-700			E-138
TOTALS		SF 51.95	SF	EA.	SF							FT	FT	FT	FT 8	FT 63	FT 33		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB													
												FT			FT 104					LB			EA.	LB																		

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #81

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 222 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 82

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.88	1.75	2.0	2.42	2.5	3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 1.3	3.0	4.0	1.7	4.0 MOD	1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 7.6	3.0	9.0	3.5	10.8	4.0	14.6	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																											
31+75, LT		1	36	36	9.00						2					X		X																							W3-1	X		
32+70, LT		1	36	36	9.00						1						X	X																							SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																																			WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
32+75, LT		1	36	8	2.01						1					X		X																							D3-1		232	
		1	30	8	1.68																																			D3-1		232	
		1	30	30	6.25																																			RI-1	X		
		1	6	10	0.42																																			VD-700			E-138
32+91, RT		1	36	36	9.00						1						X	X																							SI-1 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																																			WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
33+31, RT		1	6	10	0.42																																			VD-700 MOUNT NEW SIGN ON RETAINED POST BELOW AND BACK TO BACK OF RETAINED STOP SIGN			E-138
33+62, RT		1	24	12	2.00		1				1					X		X																							WI6-18P MOUNT SALVAGED SIGN BELOW NEW SIGN ON NEW POST	X		
36+36, LT		1	30	30	6.25						1					X		X																							WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																																			WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
												FT	FT	FT	FT	FT 72	FT 29		EA	LB	LB	LB		LB	LB	LB	LB		EA.	EA.	LB						
TOTALS			SF 52.03	SF	EA. 1	SF						FT			FT 101					LB			EA.	LB												

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #82

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 223 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 83

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (In)	HEIGHT (In)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (In) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (In) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (In) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																				
36+69, RT		1	30	30	6.25						1					X		X															WII-2 (FLUORESCENT YELLOW-GREEN)	X		
		1	24	12	2.00																												WI6-7P (FLUORESCENT YELLOW-GREEN)	X		
37+35, LT		1	24	30	5.00						1					X		X															R2-1	X		
37+95, LT		1	42	8	2.35						1					X		X															D3-1		232	
		1	30	8	1.68																												D3-1		232	
		1	6	10	0.42																												VD-700			E-138
38+17, RT		1	24	8	1.34						1					X		X															D3-1		232	
		1	30	8	1.68																												D3-1		232	
		1	6	10	0.42																												VD-700			E-138
41+16, LT		1	36	8	2.01						1					X		X															D3-1		232	
		1	30	8	1.68																												D3-1		232	
		1	6	10	0.42																												VD-700			E-138
TOTALS					SF 25.25	SF	EA.	SF				FT	FT	FT	FT	FT 64	FT 64		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #83

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 224 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 84

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																				
44+55, RT	11'-9" / ONE LANE BRIDGE / 15 MPH	1	36	36	9.00						2						X	X															WI2-2	X		
		1	36	36	9.00																												W5-3	X		
		1	18	18	2.25																												WI3-IP	X		
46+50, LT	SPEED LIMIT 25	1	24	30	5.00						1					X		X														R2-1	X		
49+88, RT	JCT VERMONT 122 1220 0307 0094	1	21	15	2.19						1					X		X														M2-1 (GREEN ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	6	10	0.42																												VD-700			E-138
50+75, RT	NORTH TO SOUTH VERMONT 122 5 VERMONT 122 TO VERMONT 114 TO EXIT 91	1	24	12	2.00						2												2	X								*3	M3-1 (GREEN ON WHITE)	X		
		1	24	12	2.00																												M4-5 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M3-3 (GREEN ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	24	24	4.00																												MI-4	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	21	15	2.19																												M5-1 (GREEN ON WHITE) FOR SIGN FRAME DETAIL SEE SHEET 241	X		
		1	21	15	2.19																												M5-1 (BLACK ON WHITE)	X		
		1	24	12	2.00																												M4-5 (GREEN ON WHITE)	X		
		1	24	12	2.00																												M4-5 (WHITE ON BLUE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	24	24	4.00																												MI-1	X		
		1	21	15	2.19																												M5-1 (GREEN ON WHITE)	X		
		1	21	15	2.19																												M5-1 (WHITE ON BLUE)	X		
51+47, RT	BRIDGE 4 VT 122	1	6	10	0.42						1				X			X														VD-701		238	
52+50, LT	SOUTH ALT VERMONT 122 BRIDGE 4 VT 122	1	24	12	2.00						1					X		X														M3-3 (GREEN ON WHITE)	X		
		1	24	12	2.00																												M4-1a (GREEN ON WHITE)	X		
		1	30	24	5.00																												(GREEN ON WHITE)			E-136B
		1	6	10	0.42																												VD-701		238	
												FT	FT	FT	FT 8	FT 45	FT 40		EA	LB	LB	LB		LB 221	LB	LB	LB								
	TOTALS				SF 84.46	SF	EA.	SF				FT			FT 93					LB			EA. 2	LB 221				EA.	EA.	LB					

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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TRAFFIC SIGN SUMMARY SHEET #84

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 225 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 85

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
LYNDON ALT. VT ROUTE 122 (CONT.)																																				
53+00, RT	AIRPORT 3	1	72	12	6.00						2												2	X								VDI-1a		237	
	SHEFFIELD 8	1	72	12	6.00																											VDI-1a		237	
	ISLAND POND 21	1	72	12	6.00																											VDI-1a		237	
	BARTON 22	1	72	12	6.00																											VDI-1a		237	
54+00, LT	11'-9" / ONE LANE BRIDGE / 15 M.P.H. / 1220 0307 0102	1	36	36	9.00						2						X	X														W12-2	X		
		1	36	36	9.00																											W5-3 (USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½")	X		
		1	18	18	2.25																											W13-1P	X		
		1	6	10	0.42																											VD-700			E-138
54+44, RT	Gilman Rd / Center St / STOP / 1220 0307 0103 B-B	1	30	8	1.68						1						X		X													D3-1		232	
		1	30	8	1.68																											D3-1		232	
		1	30	30	6.25																											RI-1	X		
		1	6	10	0.42																											VD-700			E-138
54+70, LT	NOTICE / LEGAL LOAD LIMIT 16,000 POUNDS	1	24	12	2.00						1						X		X													W16-18P	X		
		1	24	30	5.00																											VR-017		238	
54+90, LT	11'-9" / →	1	36	36	9.00						2						X		X													W12-2	X		
		1	24	18	3.00																											W16-5P	X		
TOTALS					SF 73.70	SF	EA.	SF				FT	FT	FT	FT	FT 60	FT 40		EA	LB	LB	LB	EA. 2	LB 225	LB	LB	LB	EA.	EA.	LB						

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #85

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 226 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 86

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
	SHEET 142 SUBTOTALS				58.82		2									13							4	419											
	SHEET 143 SUBTOTALS				72.80											155				1																
	SHEET 144 SUBTOTALS				62.77											81	14			1																
	SHEET 145 SUBTOTALS				59.05											41	42																			
	SHEET 146 SUBTOTALS				54.89											77	15																			
	SHEET 147 SUBTOTALS				68.19										10	41	42																			
	SHEET 148 SUBTOTALS				85.18											70	64																			
	SHEET 149 SUBTOTALS				87.69											41	63																			
	SHEET 150 SUBTOTALS				81.62		1									63	59																			
	SHEET 151 SUBTOTALS				58.26		1									72	35			1																
	SHEET 152 SUBTOTALS				60.61											107				2																
	SHEET 153 SUBTOTALS				80.30											99				2																
	SHEET 154 SUBTOTALS				74.18		1									28				1			2	236											
	SHEET 155 SUBTOTALS				36.04		2									53																				
	SHEET 156 SUBTOTALS				43.04		1									39	29			1																
	SHEET 157 SUBTOTALS				56.21																															
	SHEET 158 SUBTOTALS				43.33											70																				
	SHEET 159 SUBTOTALS				50.52		2									68	30																			
	SHEET 160 SUBTOTALS				38.42											72																				
	SHEET 161 SUBTOTALS				38.19											69																				
	SHEET 162 SUBTOTALS				45.44											80																				
	SHEET 163 SUBTOTALS				60.58											14	16						2	218											
	SHEET 164 SUBTOTALS				43.74											78																				
	SHEET 165 SUBTOTALS				51.90											91																				
	SHEET 166 SUBTOTALS				48.05											82																				
	SHEET 167 SUBTOTALS				41.86											67																				
	SHEET 168 SUBTOTALS				62.68											70																				
	SHEET 169 SUBTOTALS				45.94		1									100	45																			
	SHEET 170 SUBTOTALS				57.74		2									76	33			6																
	SHEET 171 SUBTOTALS				67.36											70				4			2	198											
	SHEET 172 SUBTOTALS				67.51											55	31																			
	SHEET 173 SUBTOTALS				35.69		8									13				1			2	248											
	SHEET 174 SUBTOTALS				32.25											80				6																
	SHEET 175 SUBTOTALS				41.88		1									53				4			1	111											
	SHEET 176 SUBTOTALS				70.36											82	14																			
	SHEET 177 SUBTOTALS				66.76											55				1			2	266											
	SHEET 178 SUBTOTALS				41.83		2									83																				
	SHEET 179 SUBTOTALS				46.78											71																				
	SHEET 180 SUBTOTALS				42.03											100																				
	SHEET 181 SUBTOTALS				36.89											52																				
	SHEET 182 SUBTOTALS				67.22											58	65																			
	SHEET 183 SUBTOTALS				102.25											69							2	251											
	SHEET 184 SUBTOTALS				98.14											76	31						2	236											
	SHEET 185 SUBTOTALS				49.79		1									55																				
	SHEET 186 SUBTOTALS				35.22		1									55																				
	SHEET 187 SUBTOTALS				73.28											69	40						2	293											
	SHEET 188 SUBTOTALS				38.71		1									67																				
	SHEET 189 SUBTOTALS				83.21										16	68	15						2	203											
	SHEET 190 SUBTOTALS				74.40		1									50	14						2	187											
	SHEET 191 SUBTOTALS				93.59											27	31						2	218											
	SHEET 192 SUBTOTALS				60.68											53				2																
	SHEET 193 SUBTOTALS				52.69											71	31			2																
	SHEET 194 SUBTOTALS				45.90											70																				
	SHEET 195 SUBTOTALS				47.07		1									95																				
	SHEET 196 SUBTOTALS				37.58		1									67																				
	SHEET 197 SUBTOTALS				53.25											82																				
	SHEET SUBTOTALS				3230.36		30								26	3663	759		29				27	3084											
												FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB								
	TOTALS				SF		SF		EA.		SF		FT			FT					LB			EA.		LB				EA.		EA.		LB			

*
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #86

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 227 OF 250

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 87

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75	2.0	2.5	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0	4.0	4.0 MOD	TUBULAR STEEL Ø (in) lb/ft FOUNDATION	3.0	3.5	4.0	5.0	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL IN SHSM * BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.88	2.42	3.35						1.3	1.7	1.7		7.6	9.0	10.8	14.6									
	SHEET 198 SUBTOTALS				53.40		1									95	31																			
	SHEET 199 SUBTOTALS				42.68											44																				
	SHEET 200 SUBTOTALS				70.80											83			1					2	187										
	SHEET 201 SUBTOTALS				26.38											28																				
	SHEET 202 SUBTOTALS				34.76		1									86																				
	SHEET 203 SUBTOTALS				39.93											43	15																			
	SHEET 204 SUBTOTALS				49.53											59	30																			
	SHEET 205 SUBTOTALS				69.38											44								4	484										
	SHEET 206 SUBTOTALS				59.86											28	50																			
	SHEET 207 SUBTOTALS				42.19											94			5																	
	SHEET 208 SUBTOTALS				41.13											79			3																	
	SHEET 209 SUBTOTALS				38.51											71																				
	SHEET 210 SUBTOTALS				45.11											25	26		1																	
	SHEET 211 SUBTOTALS				10.75		2									41			2																	
	SHEET 212 SUBTOTALS				24.86		2									40	15		2																	
	SHEET 213 SUBTOTALS				19.17		2									40	15		3																	
	SHEET 214 SUBTOTALS				37.80		2									43	15		3																	
	SHEET 215 SUBTOTALS				56.03											72	30																			
	SHEET 216 SUBTOTALS				50.01											28	45																			
	SHEET 217 SUBTOTALS				26.28		4									57	15																			
	SHEET 218 SUBTOTALS				52.25											19	35							2	241										
	SHEET 219 SUBTOTALS				78.07		1									97								2	221										
	SHEET 220 SUBTOTALS				47.60											84																			
	SHEET 221 SUBTOTALS				23.80		1								24	57																			
	SHEET 222 SUBTOTALS				51.95										8	63	33																			
	SHEET 223 SUBTOTALS				52.03		1									72	29																			
	SHEET 224 SUBTOTALS				25.25											64																				
	SHEET 225 SUBTOTALS				84.46										8	45	40							2	221										
	SHEET 226 SUBTOTALS				73.70											60	40							2	225										
	SHEET 227 SUBTOTALS				3230.36		30								26	3663	759		29				27	3084											
	SHEET 228 SUBTOTALS				1327.67		17								40	1661	464		20				14	1579											
	PROJECT SUBTOTALS				4558.03		47								66	5324	1223		49				41	4663											
	ROUNDING				41.97		-								4	6	2		-				-	37											
												FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB								
															70	5330	1225		49					4700											
	TOTALS				SF 4600	SF	EA. 47	SF				FT			FT 6625					LB			EA. 41	LB 4700				EA.	EA.	LB					

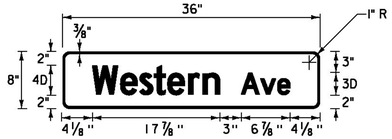
* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #87

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 228 OF 250

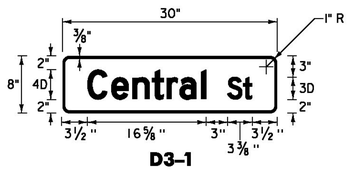


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 147+39, LT
STA. 148+08, RT
STA. 153+16, LT
STA. 153+74, LT
STA. 161+04, RT
STA. 161+78, LT
STA. 163+53, RT
STA. 169+31, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

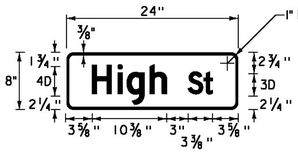


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 147+39, LT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 27+81, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

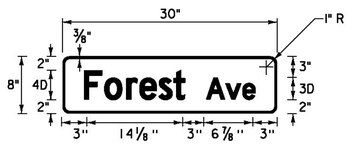


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 148+08, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

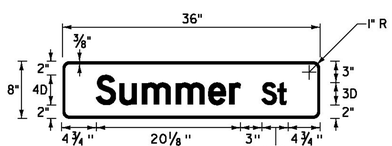


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 153+16, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

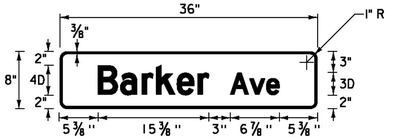


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 153+74, LT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 52+36, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

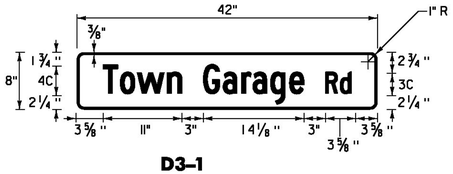


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 161+04, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

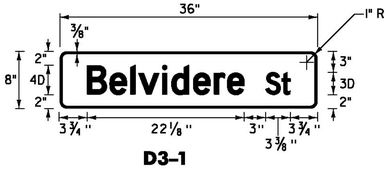


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 161+78, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

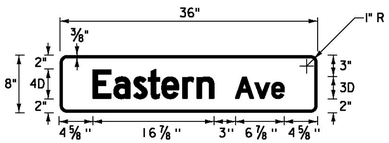


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 163+53, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

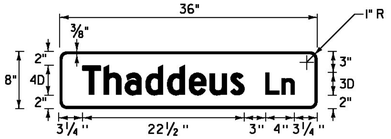


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 181+07, LT
STA. 183+08, RT
STA. 185+25, LT
STA. 187+77, LT
STA. 187+84, RT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 91+90, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

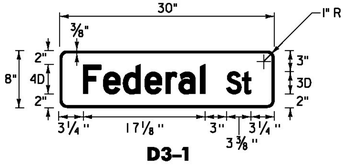


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 181+07, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

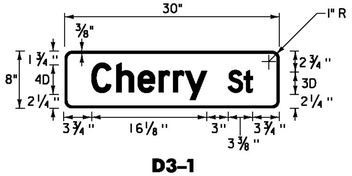


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 183+08, RT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+46, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

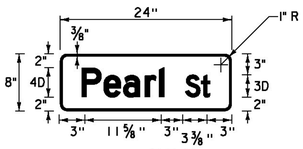


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 185+25, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

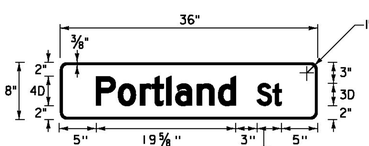


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 187+77, LT
STA. 187+84, RT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 75+60, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

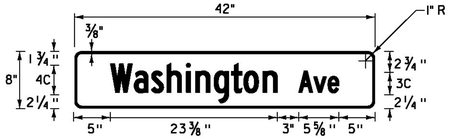


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 191+79, LT
STA. 202+43, RT
STA. 203+59, LT
STA. 204+62, RT
STA. 206+33, LT
STA. 216+39, RT
STA. 220+91, LT
STA. 226+92, LT
STA. 230+06, LT
STA. 231+64, RT
STA. 239+21, LT
STA. 241+55, LT
STA. 246+74, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

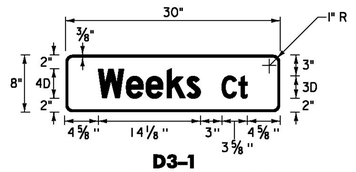


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 202+43, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

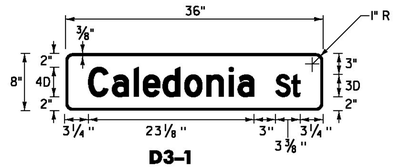


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 203+59, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

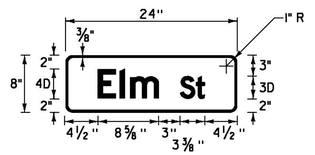


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 204+62, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

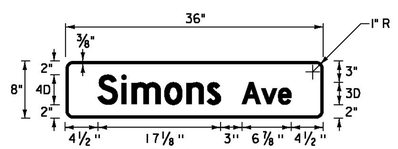


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 206+33, LT
LYNDON: ALT VT ROUTE 122
STA. 5+41, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

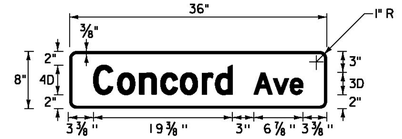


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 216+39, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

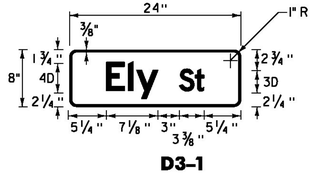


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 220+91, LT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 120+14, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

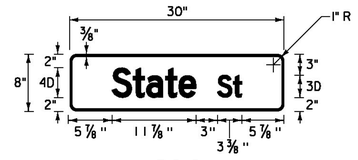


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 226+92, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

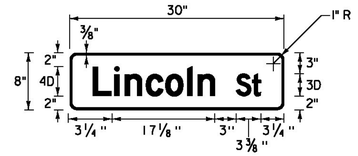


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 230+06, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 231+64, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

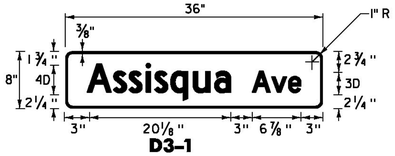
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 229 OF 250

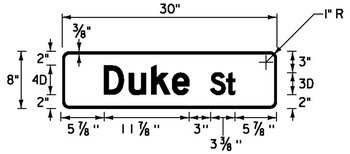


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 239+21, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

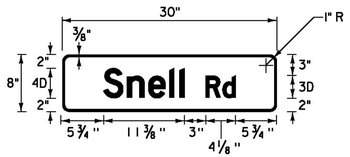


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 241+55, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

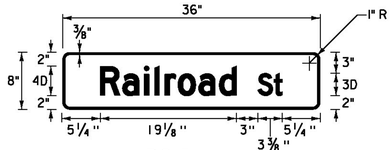


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 246+74, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

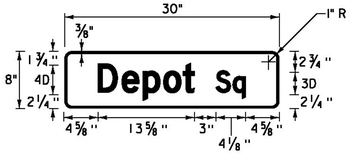


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 191+79, LT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 75+60, LT
STA. 85+46, LT
STA. 88+55, RT
STA. 90+54, RT
STA. 91+90, LT
STA. 99+46, LT
STA. 104+86, LT
STA. 112+20, RT
STA. 118+70, LT
STA. 120+14, RT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 0+22, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

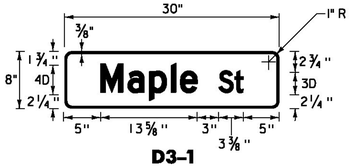


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 88+55, RT
STA. 90+54, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

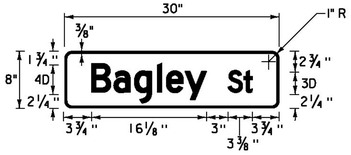


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 99+46, LT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 36+93, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

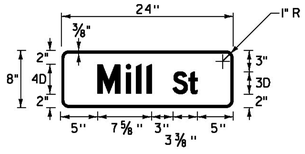


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 104+86, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

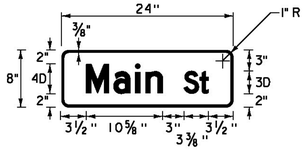


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 112+20, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

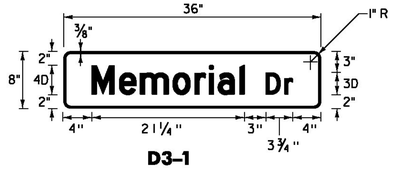


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 118+70, LT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 0+22, LT
STA. 20+11, LT
STA. 22+47, LT
STA. 27+81, LT
STA. 31+46, RT
STA. 31+74, LT
STA. 33+46, RT
STA. 36+93, RT
STA. 37+42, LT
STA. 41+23, LT
STA. 41+54, RT
STA. 44+59, LT
STA. 46+57, RT
STA. 48+18, RT
LYNDON: ALT VT ROUTE 122
STA. 8+05, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

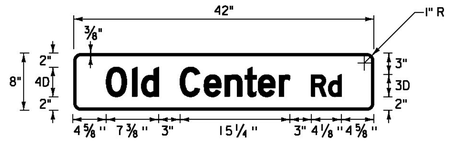


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 141+17, LT
STA. 142+33, LT
STA. 146+53, RT
STA. 149+99, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

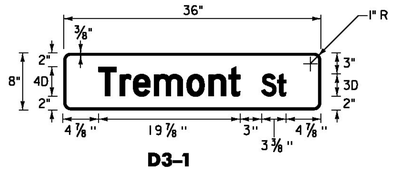


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 141+17, LT
STA. 142+33, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

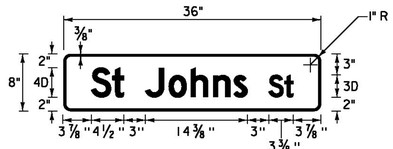


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 146+53, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

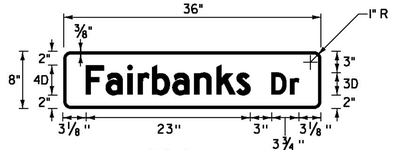


D3-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 149+99, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

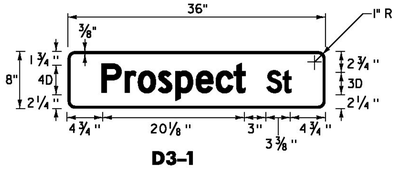


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 20+11, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

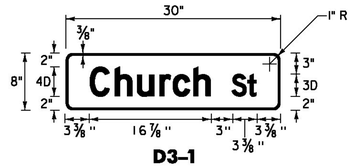


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 31+46, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

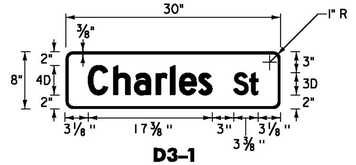


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 31+74, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

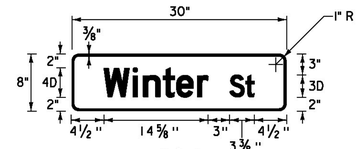


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 33+46, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

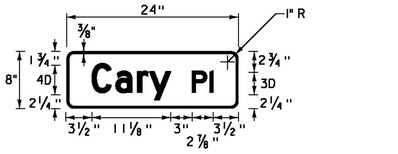


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 37+42, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

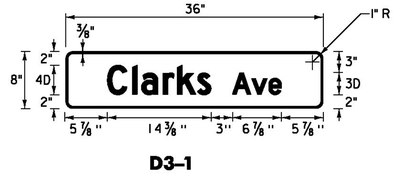


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 41+23, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

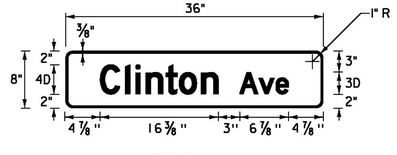


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 41+54, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

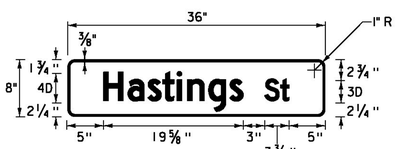


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 44+59, LT
STA. 50+00, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 52+36, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

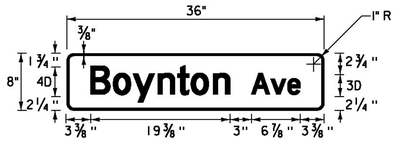
Stantec

TRAFFIC SIGN DETAIL SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 230 OF 250

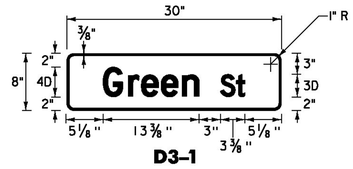


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 48+62, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

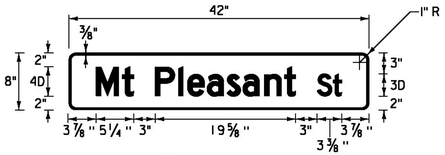


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 50+85, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

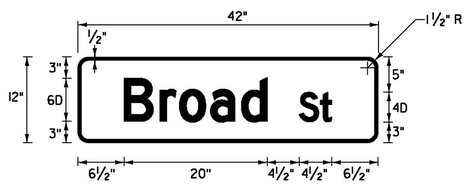


D3-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 46+57, RT
STA. 48+18, RT
STA. 48+62, RT
STA. 50+00, LT
STA. 50+85, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

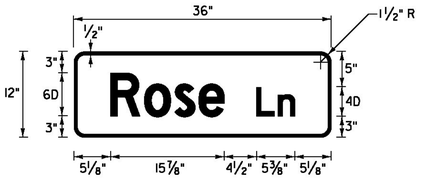


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 141+17, LT
STA. 143+08, LT
STA. 143+20, RT
STA. 144+52, LT
STA. 148+40, LT
STA. 152+14, RT
STA. 152+37, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

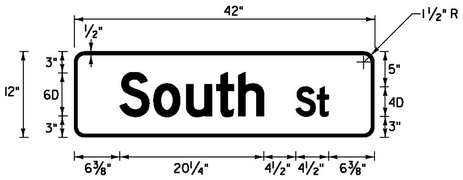


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 141+17, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

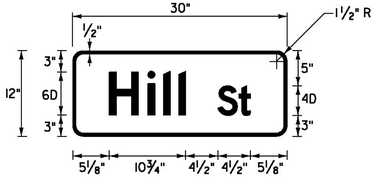


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 143+08, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

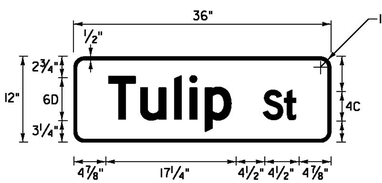


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 143+20, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

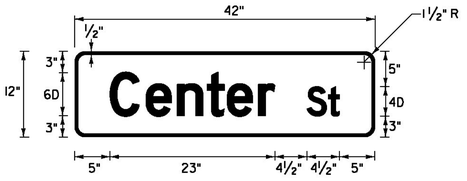


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 144+52, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

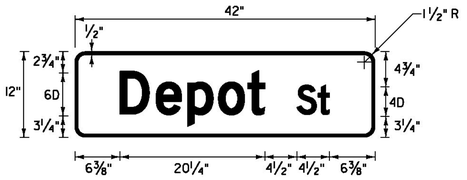


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 148+40, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

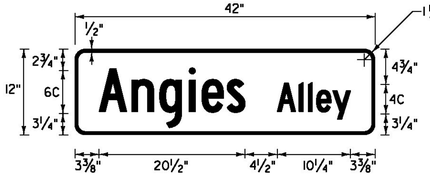


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 152+14, RT
STA. 152+35, RT
STA. 152+37, LT
STA. 154+70, RT
STA. 155+58, LT
STA. 158+09, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

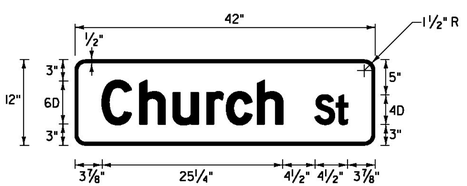


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 152+35, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

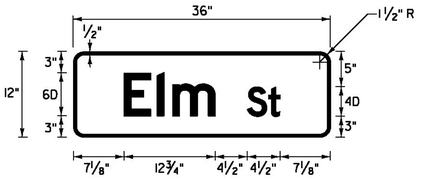


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 154+70, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

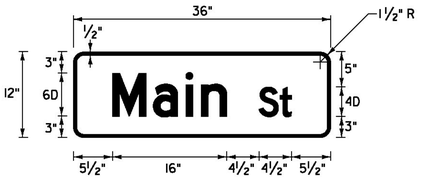


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 155+58, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

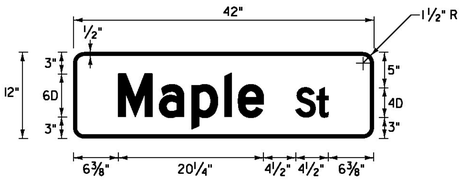


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 158+09, LT
STA. 158+95, LT
STA. 163+32, LT
STA. 163+78, RT
STA. 171+86, RT
STA. 172+00, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 158+95, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

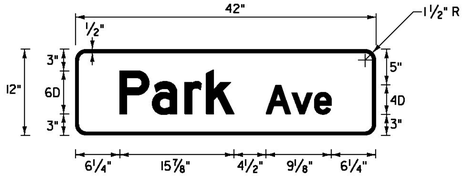
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 231 OF 250

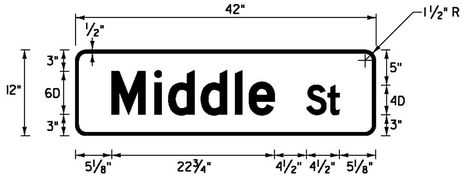


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 163+32, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

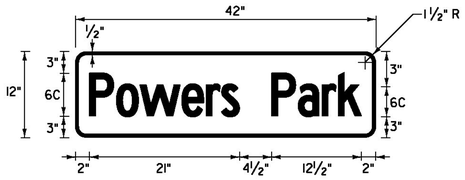


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 163+78, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

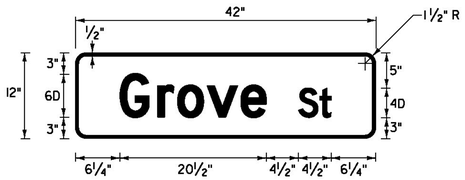


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 172+00, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

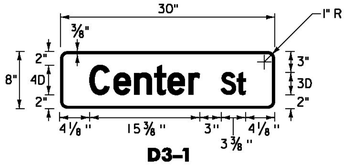


D3-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 171+86, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

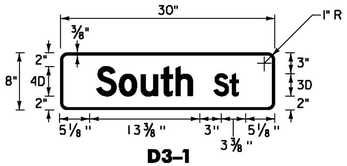


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 5+11, LT
STA. 5+41, RT
STA. 8+05, RT
STA. 12+20, RT
STA. 28+37, LT
STA. 30+08, RT
STA. 32+75, LT
STA. 37+95, LT
STA. 38+17, RT
STA. 41+16, LT
STA. 54+44, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

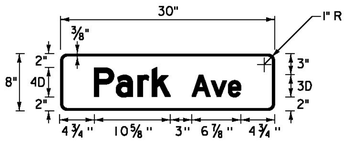


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 5+11, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

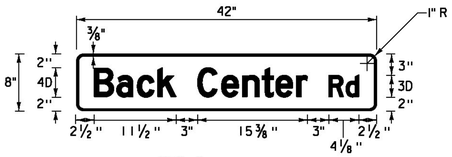


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 12+20, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

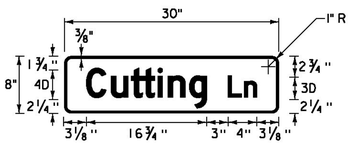


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 28+37, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

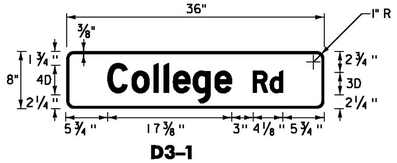


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 30+08, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

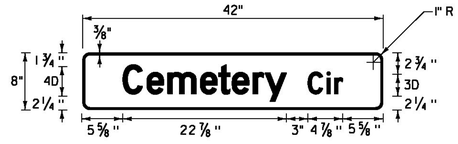


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 32+75, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

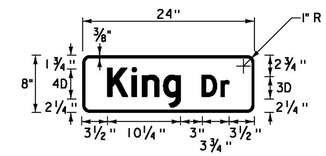


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 37+95, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

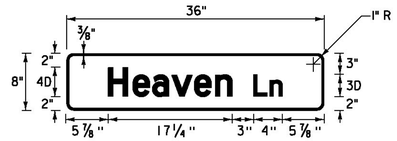


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 38+17, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

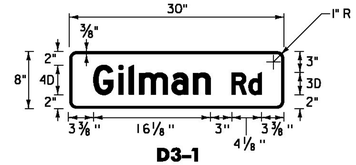


D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 41+16, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



D3-1

LOCATION: LYNDON: ALT VT ROUTE 122
STA. 54+44, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

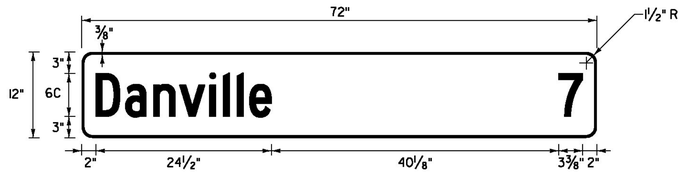
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 232 OF 250

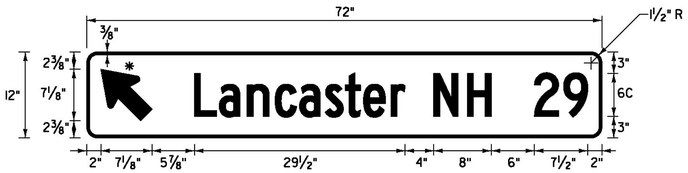


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 143+55, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



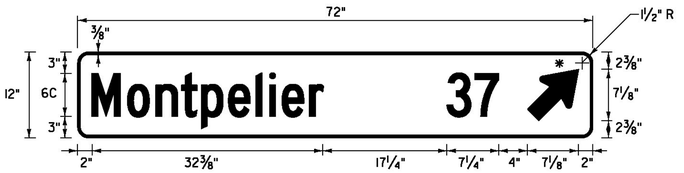
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 166+50, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



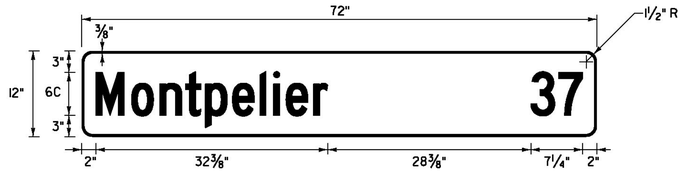
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 175+86, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

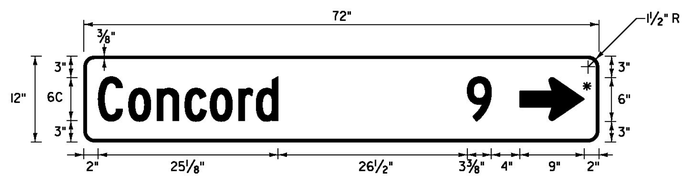


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 143+55, LT
STA. 161+50, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



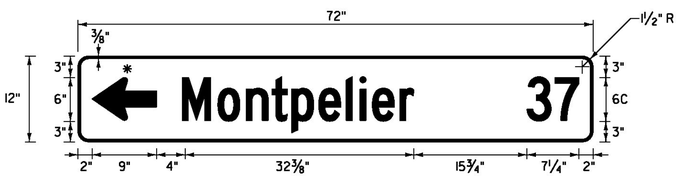
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 174+45, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



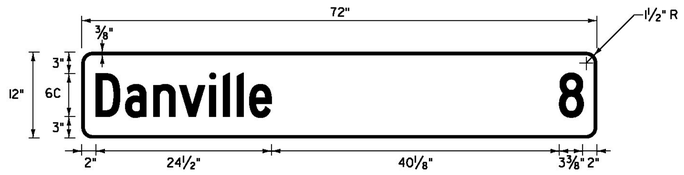
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 179+00, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

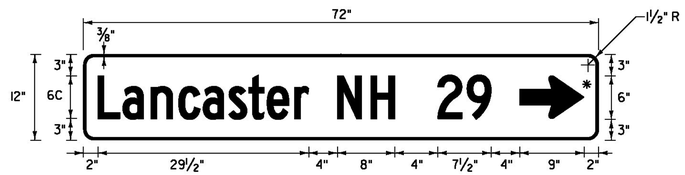


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 161+50, LT
ST. JOHNSBURY: ALT. U.S. ROUTE 5
STA. 4+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



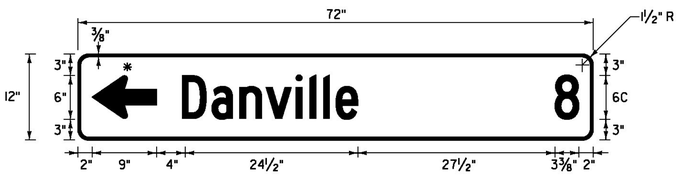
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 174+45, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 179+00, LT

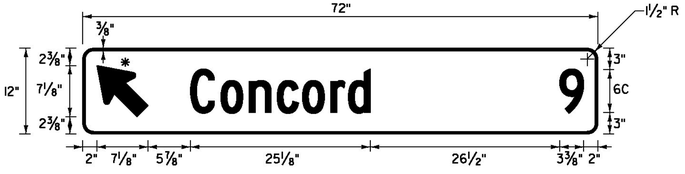
ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+79, RT
STA. 97+10, LT

ST. JOHNSBURY: ALT. U.S. ROUTE 5
STA. 20+62, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



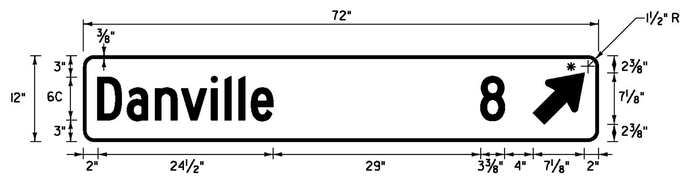
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 166+50, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 175+86, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

NOT TO SCALE

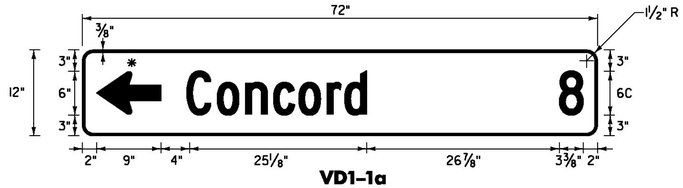
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #5

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 233 OF 250



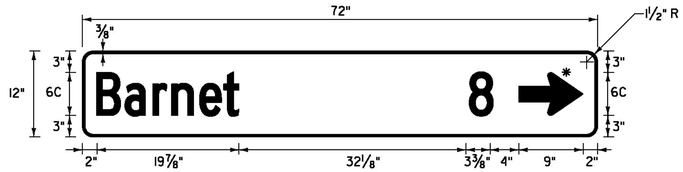
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 185+82, RT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 100+03, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



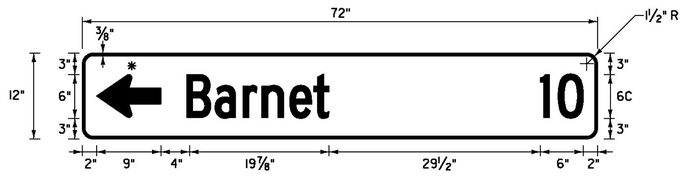
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 185+82, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



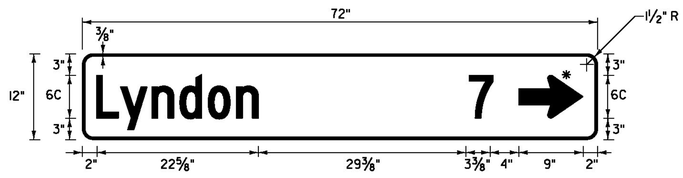
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 97+10, LT
STA. 138+80, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



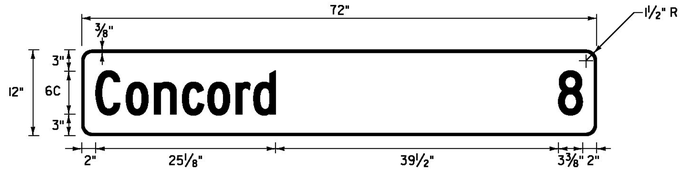
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 97+10, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

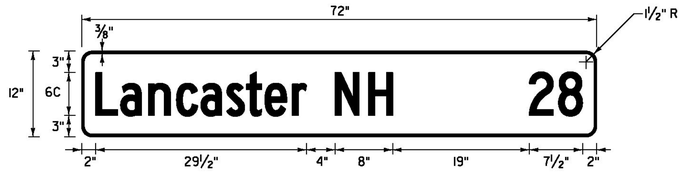


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 207+23, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

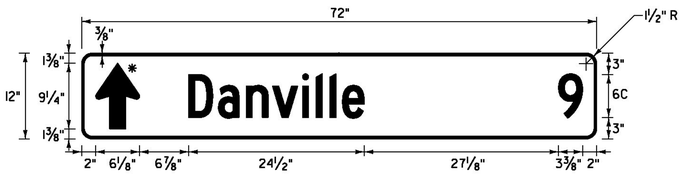


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 207+23, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



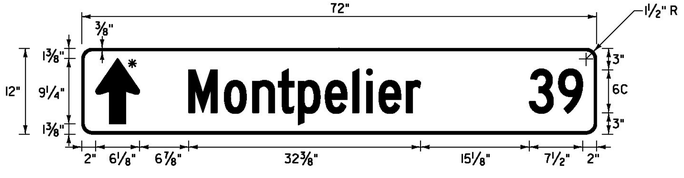
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 224+19, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



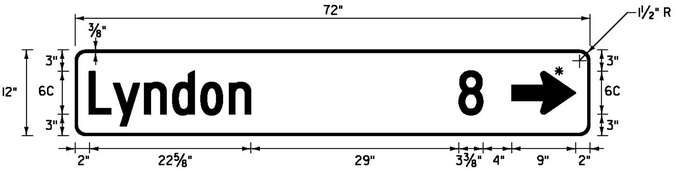
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 224+19, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



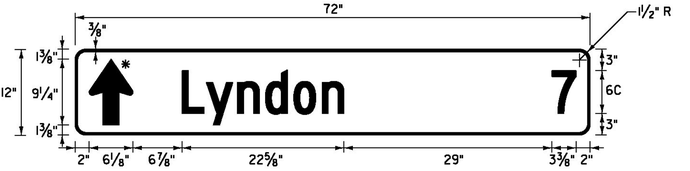
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 224+19, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



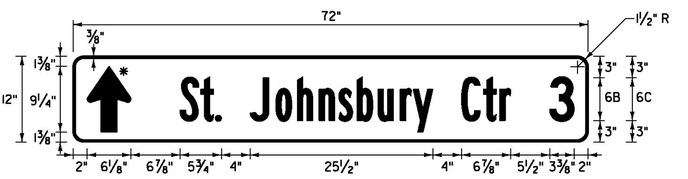
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+79, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



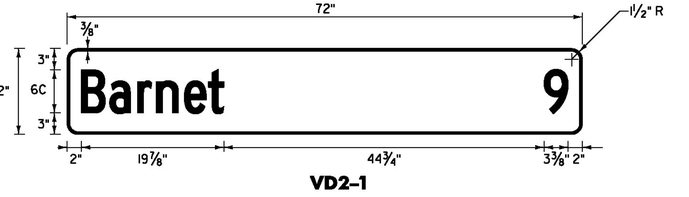
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+79, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+82, LT
STA. JOHNSBURY: ALT U.S. ROUTE 5
STA. 19+89, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

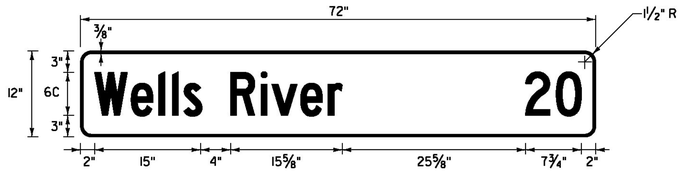
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #6

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 234 OF 250



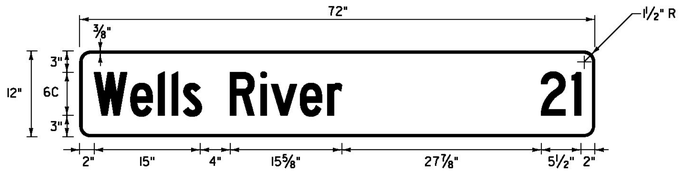
VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+82, LT

ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 19+89, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

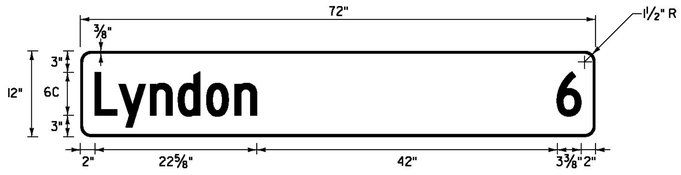


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 130+00, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

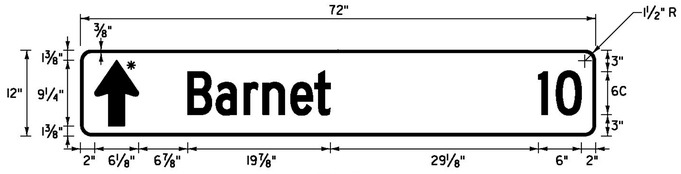


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 143+09, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



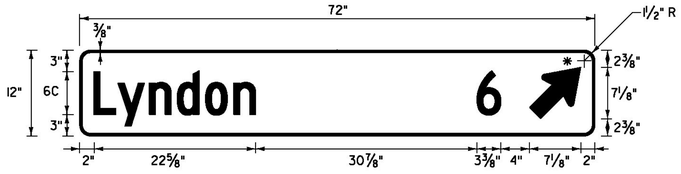
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 93+64, LT
STA. 100+03, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



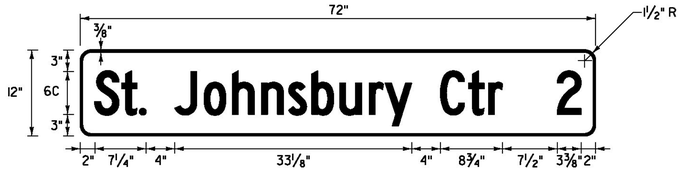
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 132+94, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 143+09, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 93+64, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

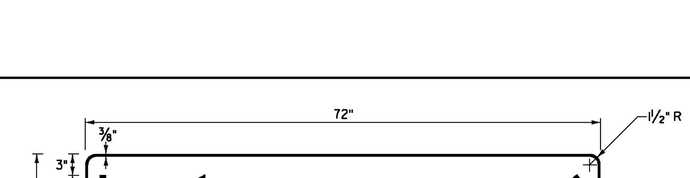
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 132+94, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



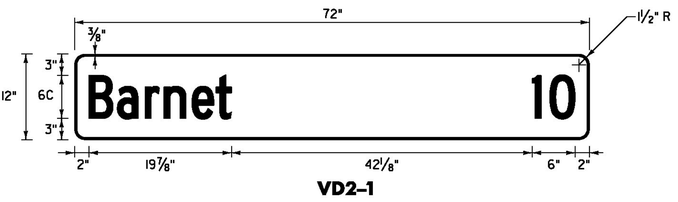
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 2+50, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

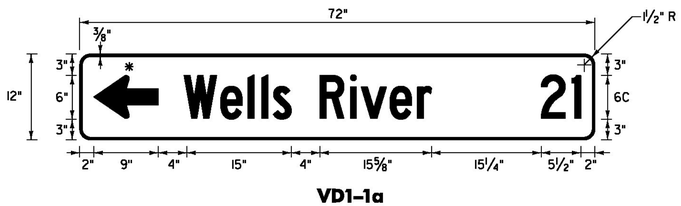


VD2-1

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 130+00, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



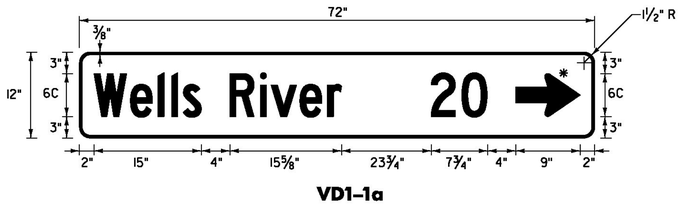
VD1-1a

LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 138+80, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 2+50, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

NOT TO SCALE

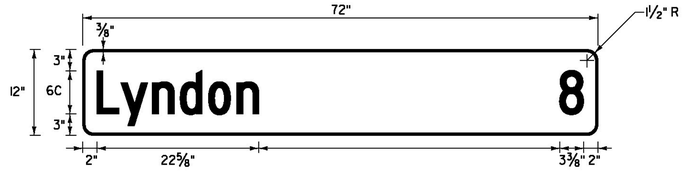
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #7

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 235 OF 250

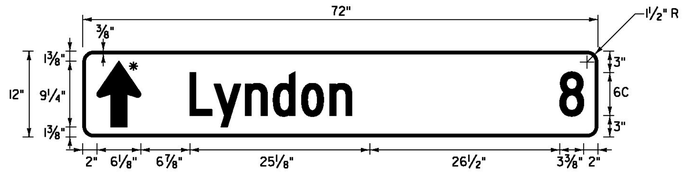


VD2-1

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 4+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



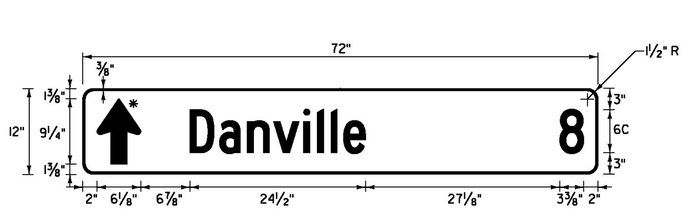
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 20+62, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



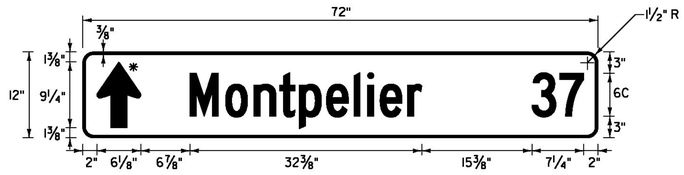
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 29+05, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



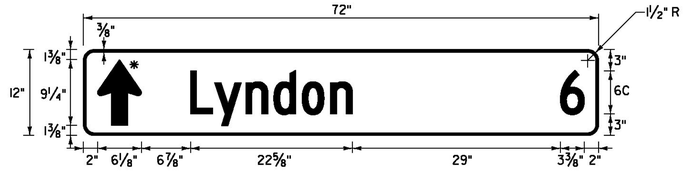
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 29+05, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



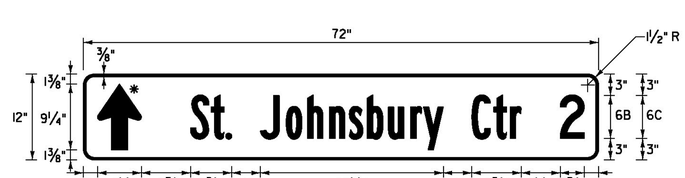
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 64+67, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



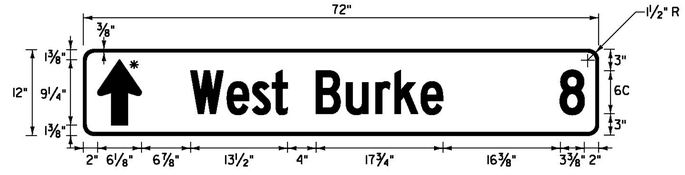
VD1-1a

LOCATION: ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 64+67, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



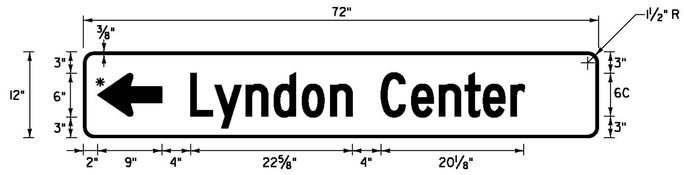
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 147+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



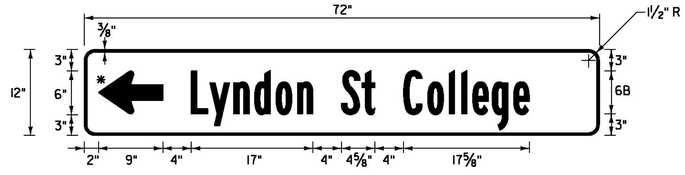
VD1-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 147+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



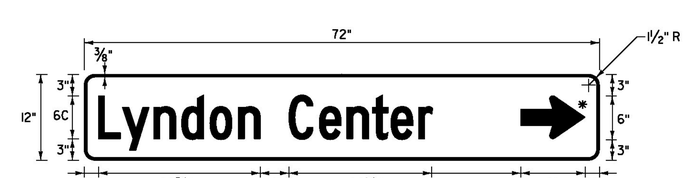
VD1-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 147+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



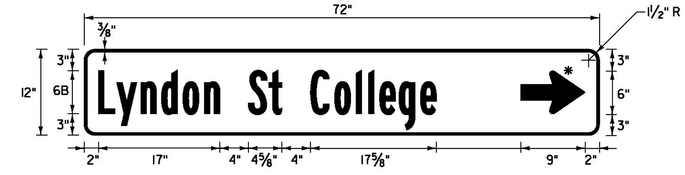
VD1-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 149+04, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD1-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 149+04, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

VD1-1

LOCATION: LYNDON: U.S. ROUTE 5
STA. 147+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

NOT TO SCALE

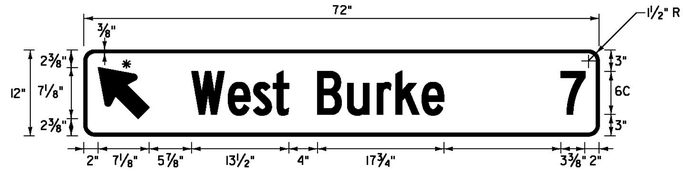
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #8

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 236 OF 250



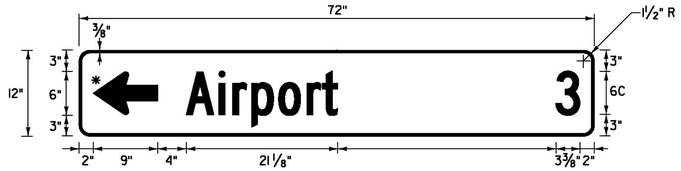
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 188+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



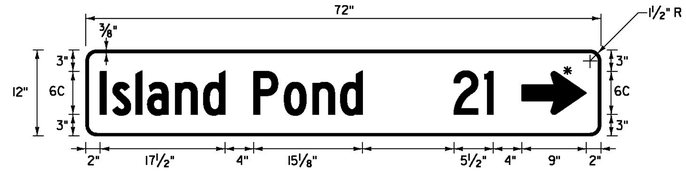
VD1-1a

LOCATION: LYNDON: ALT. VT ROUTE 122
STA. 53+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



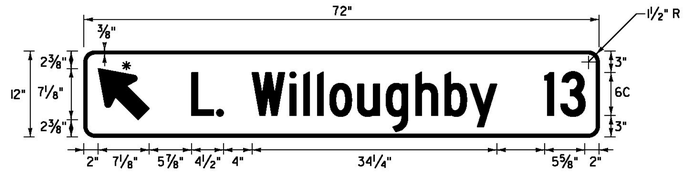
VD1-1a

LOCATION: LYNDON: ALT. VT ROUTE 122
STA. 53+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



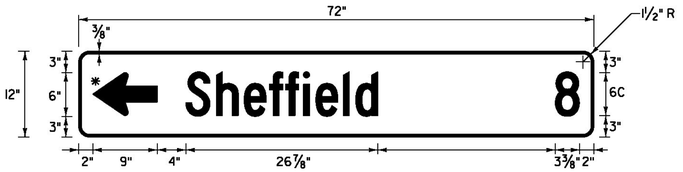
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 188+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



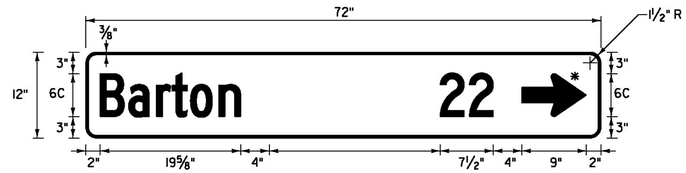
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 188+07, RT
LYNDON: ALT. VT ROUTE 122
STA. 53+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



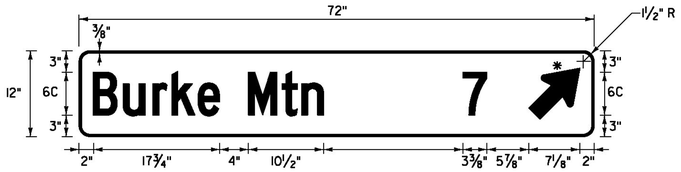
VD1-1a

LOCATION: LYNDON: ALT. VT ROUTE 122
STA. 53+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



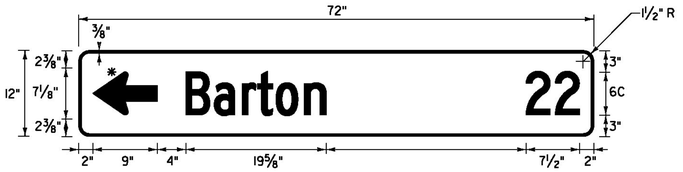
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 188+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



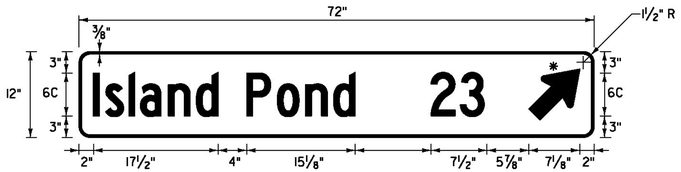
VD1-1a

LOCATION: LYNDON: ALT. VT ROUTE 122
STA. 3+75, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



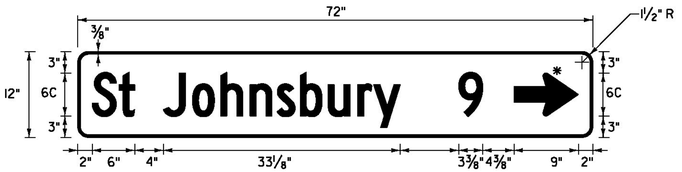
VD1-1a

LOCATION: LYNDON: U.S. ROUTE 5
STA. 188+07, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238



VD1-1a

LOCATION: LYNDON: ALT. VT ROUTE 122
STA. 3+75, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 238

NOT TO SCALE

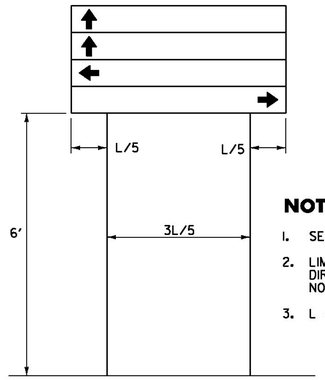
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #9

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

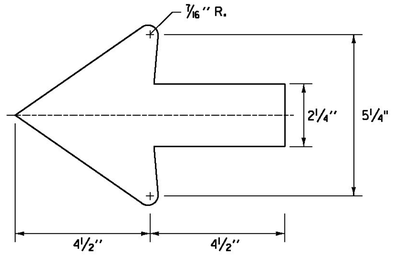
FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 237 OF 250



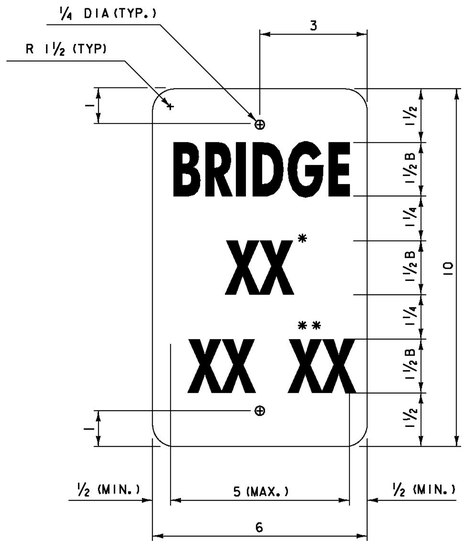
NOTES:

1. SEQUENCE OF ARROWS AS SHOWN.
2. LIMIT TO 2 SIGNS IN EACH DIRECTION, UNLESS OTHERWISE NOTED.
3. L = LENGTH OF SIGN

DESTINATION ASSEMBLY



STANDARD SHSM 2.25" ARROW

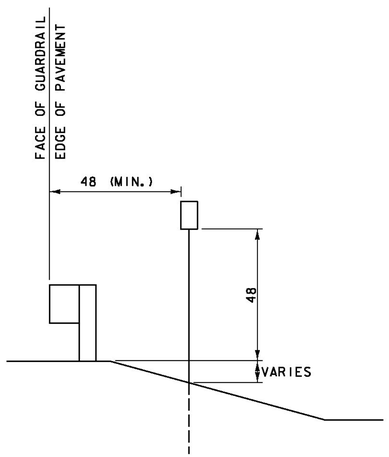


VD-701

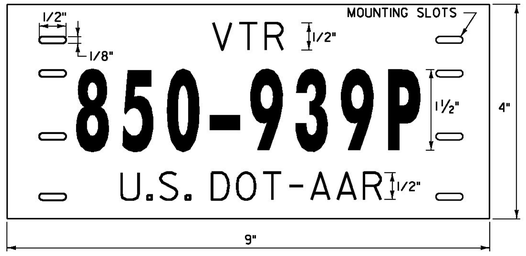
* = SEE BRIDGE NUMBERS BELOW
** = SEE ROUTES BELOW

LOCATION:
ST. JOHNSBURY: U.S. ROUTE 2
STA. 192+70, RT (BR 104)
STA. 201+84, LT (BR 104)
STA. 237+50, RT (BR 105)
STA. 238+41, LT (BR 105)
ST. JOHNSBURY: U.S. ROUTE 5
STA. 143+09, RT (BR 129)
STA. 145+70, LT (BR 129)

LYNDON: ALT. VT ROUTE 122
STA. 15+66, RT (BR 1)
STA. 16+18, LT (BR 1)
STA. 17+80, RT (BR 2)
STA. 20+00, LT (BR 2)
STA. 28+74, RT (BR 3)
STA. 29+08, LT (BR 3)
STA. 51+47, RT (BR 4)
STA. 52+50, LT (BR 4)



VD-701 INSTALLATION DETAIL



LOCATION				CROSSING NO.
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 112+64, RT	*850-939P
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 112+99, RT	*850-939P
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 119+30, RT	*850-938H
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 119+98, RT	*850-938H
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 138+96, RT	*850-935M
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+21, LT	*850-935M
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+21, LT	*850-935M
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+25, LT	*850-935M
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+70, LT	*850-935M
	LYNDON:	U.S. ROUTE 5	STA. 140+37, RT	*850-919D
	LYNDON:	U.S. ROUTE 5	STA. 140+96, LT	*850-919D
	LYNDON:	U.S. ROUTE 5	STA. 142+71, RT	*850-918W
	LYNDON:	U.S. ROUTE 5	STA. 143+05, RT	*850-918W
	LYNDON:	U.S. ROUTE 5	STA. 151+47, RT	*850-917P
	LYNDON:	U.S. ROUTE 5	STA. 151+84, RT	*850-917P

COLOR: BLACK TEXT (NO BORDER)
WHITE BACKGROUND (RETROREFLECTIVE)

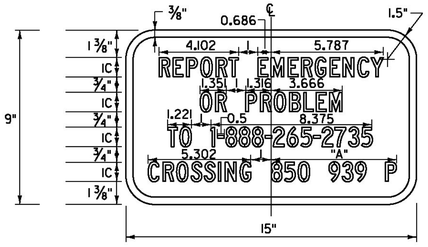
MATERIAL: PER THE RAILROAD CROSSING SIGN NOTE 5 BELOW

RAILROAD CROSSING SIGN NOTES:

1. THE COLORS, LETTERING, DESIGN, AND SPECIFICATION SHALL CONFORM TO THE NOTES SHOWN ON VERMONT STANDARD E-140.
2. THE EMERGENCY CONTACT TELEPHONE NUMBER IS 1-888-265-2735.
3. THE I-13 SIGNS SHALL BE PLACED ON THE EXISTING & PROPOSED SIGNAL POLES AS SHOWN ON SHEETS 60-141.
4. THE CROSSING NUMBERS ARE AS LISTED ABOVE. THESE SIGNS ARE PAID AS ITEM 675.20 TRAFFIC SIGNS, TYPE A.
5. PERMANENT NUMBER SIGN PLATES SHALL BE MADE UP OF 0.032 GAGE ALUMINUM WITH RAISED NUMBERS AND LETTERS.
6. THE PERMANENT NUMBER SIGNS SHALL BE PLACED ONE ON EACH SIGNAL MAST JUST BELOW THE I-13 SIGN.

GENERAL BRIDGE NUMBER PLAQUE NOTES:

1. BRIDGE NUMBER PLAQUES SHALL BE LOCATED ON BOTH BRIDGE APPROACHES AT THE NEAREST VISIBLE LOCATION.
2. THE SIGN BASE MATERIAL SHALL BE 0.063 INCH FLAT SHEET ALUMINUM.
3. THE SIGN SHALL BE WHITE RETROREFLECTIVE LEGEND ON A GREEN RETROREFLECTIVE BACKGROUND, BOTH SHALL HAVE RETROREFLECTIVE SHEETING EQUAL TO OR EXCEEDING "AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS" (AASHTO) M 268 ["AMERICAN SOCIETY FOR TESTING AND MATERIALS" (ASTM) D 4956] TYPE III.
4. THE SECOND LINE OF TEXT INDICATES THE BRIDGE NUMBER. THE BRIDGE NUMBER CAN BE OBTAINED USING THE VERMONT AGENCY OF TRANSPORTATION (VAOT) ROUTE LOGS OR BY CONSULTING WITH THE VAOT STRUCTURES SECTION.
5. THE THIRD LINE OF TEXT INDICATES THE STATE ROUTE NUMBER. IN ALL CASES THIS WILL BE DEPICTED USING THE LETTER ABBREVIATION, FOLLOWED BY A HYPHEN, FOLLOWED BY THE ROUTE NUMBER. FOR EXAMPLE US ROUTE 2 WOULD BE IDENTIFIED USING US-2.
6. THE SECOND AND THIRD LINES OF TEXT SHALL BE CENTERED HORIZONTALLY AND SHALL BE AS DEFINED IN THE PLANS.
7. A SINGLE 14 GAGE, 1.75 INCH SQUARE STEEL POST AND 12 GAGE, TWO INCH SQUARE ANCHOR SHALL BE USED FOR INSTALLATION. THE ANCHOR SHALL BE A MINIMUM OF 30 INCHES IN LENGTH.
8. ALL DIMENSIONS SHOWN IN INCHES.

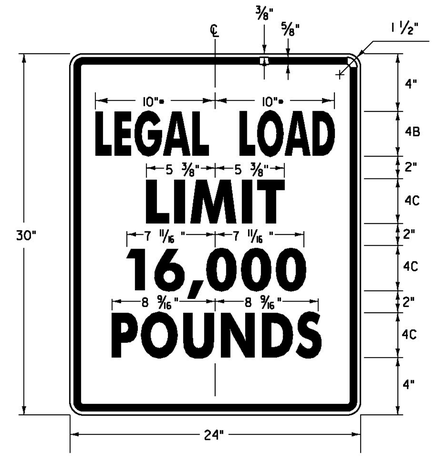


I-13

LOCATION					"A"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 112+64, RT	*850-939P	6.375"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 112+99, RT	*850-939P	6.375"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 119+30, RT	*850-938H	6.375"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 119+98, RT	*850-938H	6.375"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 138+96, RT	*850-935M	6.5"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+21, LT	*850-935M	6.5"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+21, LT	*850-935M	6.5"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+25, LT	*850-935M	6.5"
	ST. JOHNSBURY:	U.S. ROUTE 5	STA. 142+70, LT	*850-935M	6.5"
	LYNDON:	U.S. ROUTE 5	STA. 140+37, RT	*850-919D	6.125"
	LYNDON:	U.S. ROUTE 5	STA. 140+96, LT	*850-919D	6.125"
	LYNDON:	U.S. ROUTE 5	STA. 142+71, RT	*850-918W	6.375"
	LYNDON:	U.S. ROUTE 5	STA. 143+05, RT	*850-918W	6.375"
	LYNDON:	U.S. ROUTE 5	STA. 151+47, RT	*850-917P	6.125"
	LYNDON:	U.S. ROUTE 5	STA. 151+84, RT	*850-917P	6.125"

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



* REDUCE SPACING 50 %

VR-017

LOCATION:
ST. JOHNSBURY: U.S. ROUTE 5
STA. 119+32, LT (MAIN ST. TH 404)
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 36+58, RT (MAPLE ST.)
STA. 46+32, RT (MAIN ST. TH 404)
LYNDON: ALT. VT ROUTE 122
STA. 1+00, RT
STA. 54+70, LT

COLOR: BLACK BORDER AND TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241

NOT TO SCALE

NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

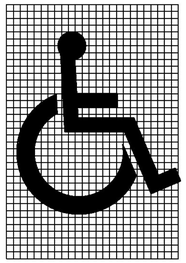
Stantec

TRAFFIC SIGN DETAIL SHEET #10

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 238 OF 250

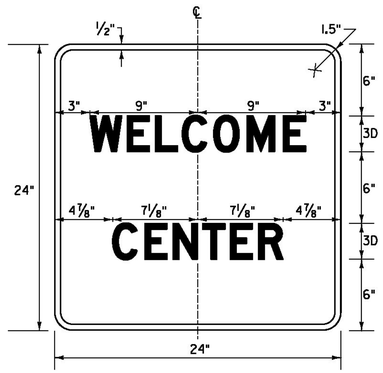




LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 175+61, LT
STA. 176+15, LT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 93+58, RT
STA. 94+27, RT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 27+55, LT
STA. 29+04, RT
LYNDON: U.S. ROUTE 5
STA. 150+25, LT

COLOR: GREEN BORDER AND TEXT
WHITE SYMBOL ON BLUE BACKGROUND
WHITE BACKGROUND (RETROREFLECTIVE)

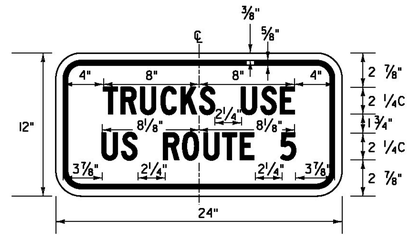
MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



LOCATION: ST. JOHNSBURY: U.S. ROUTE 2
STA. 166+50, RT
STA. 174+45, RT
STA. 185+82, RT
STA. 195+25, LT
ST. JOHNSBURY: U.S. ROUTE 5
STA. 85+79, RT
STA. 91+32, RT (2)
STA. 102+87, LT
STA. 130+00, LT
STA. 138+80, LT
ST. JOHNSBURY: ALT U.S. ROUTE 5
STA. 22+13, RT
STA. 29+05, LT

COLOR: WHITE BORDER AND TEXT
BLUE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



LOCATION: LYNDON: U.S. ROUTE 5
STA. 146+30, RT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

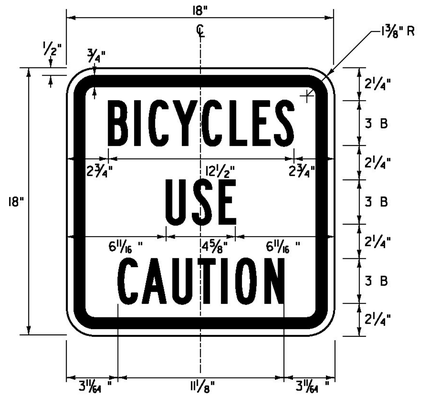
MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 77+74, LT
STA. 81+30, LT
STA. 86+40, LT

COLOR: RED BORDER AND TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 137+68, RT
STA. 143+30, LT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241



LOCATION: ST. JOHNSBURY: U.S. ROUTE 5
STA. 92+45, LT
STA. 93+04, RT
STA. 94+30, LT
STA. 94+53, RT
STA. 95+50, LT
STA. 95+69, RT

COLOR: RED BORDER AND TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER TRAFFIC SIGN NOTE 6
ON SHEET 241

NOT TO SCALE

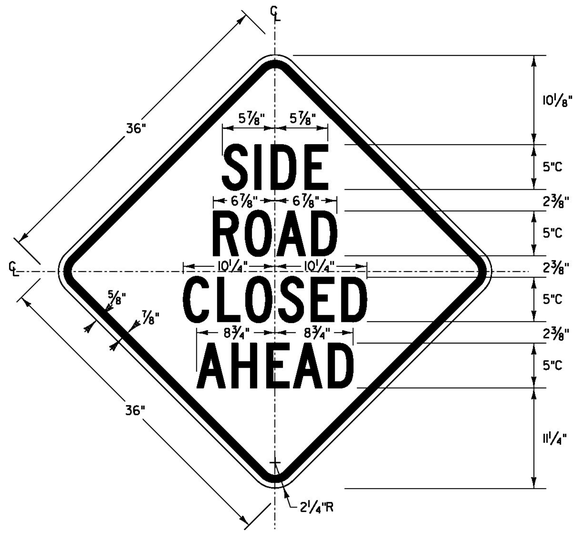
NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 241

Stantec

TRAFFIC SIGN DETAIL SHEET #11

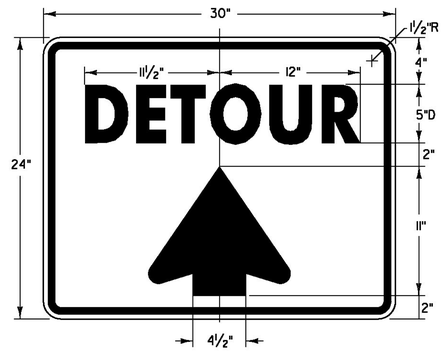
PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 239 OF 250



W1-3R VARIATION

COLOR: BLACK BORDER & SYMBOL
WITH YELLOW (RETROREFLECTIVE) BACKGROUND



M4-9(U)

COLOR: BLACK TEXT & BORDER
WITH ORANGE BACKGROUND

NOT TO SCALE

Stantec

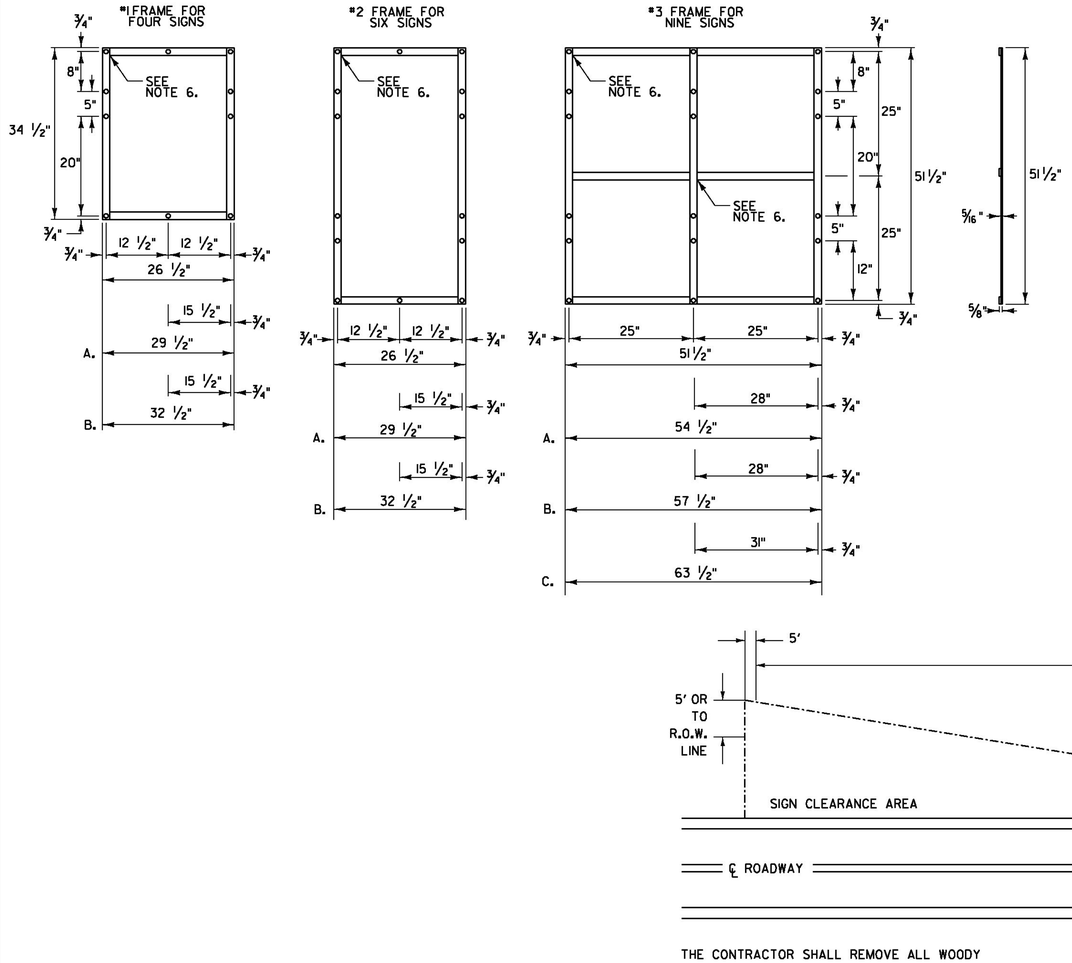
TRAFFIC SIGN DETAIL SHEET #12

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER

PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 240 OF 250

ROUTE MARKER ASSEMBLY FRAMES



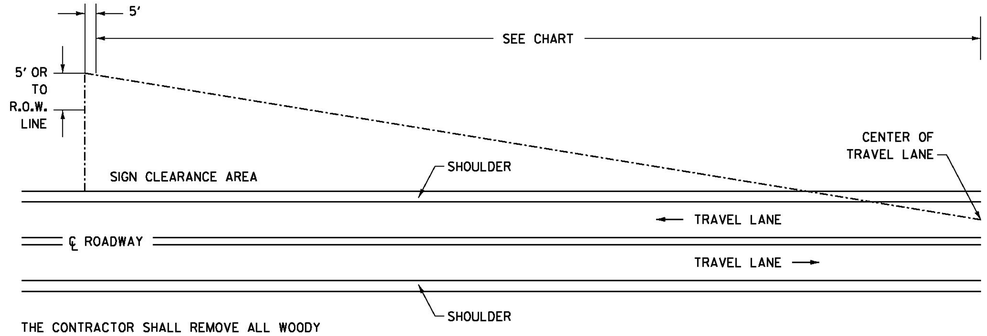
NOTES:

1. NOTES FOR *1 AND *2 FRAME:
   A. WITH ONE 30 INCH THREE DIGIT SIGN
   B. WITH TWO 30 INCH THREE DIGIT SIGNS
2. NOTES FOR *3 FRAME:
   A. WITH ONE 30 INCH THREE DIGIT SIGN IN AN OUTSIDE POSITION.
   B. WITH ONE 30 INCH THREE DIGIT SIGN IN THE CENTER POSITION OR TWO SUCH SIGNS IN THE OUTSIDE POSITIONS.
   C. WITH THREE 30 INCH THREE DIGIT SIGNS.
3. ALL HOLES SHALL BE 7/16" DIAMETER. FOR OTHER SIGN COMBINATIONS THAN ABOVE, THE FRAME DIMENSIONS AND HOLE SPACING SHALL BE MODIFIED AS NECESSARY. THE FRAME SHALL BE PAINTED WITH ONE COAT OF PRIMER AND A SECOND COAT OF BLACK PAINT. THE PAINT SHALL BE OF THE TYPE USED ON EXTERIOR METAL SURFACES TO PREVENT METAL CORROSION.
4. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.
5. FRAMES SHALL BE CONSTRUCTED OF 5/16" x 1 1/2" A-36 STEEL.
6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO 1/4" WIDE FILLET WELDS, 1 1/2" LONG.

TRAFFIC SIGN NOTES

1. ALL SIGN LETTERING, DIGITS, ARROWS, AND DESIGN OF SYMBOLS FOR SIGNS REFERENCED IN THESE PLANS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) UNLESS OTHERWISE DETAILED WITHIN THESE PLANS.
2. ALL COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AND APPROVED BY FHWA UNLESS OTHERWISE NOTED.
3. ALL SHEETING SHALL BE TYPE III MINIMUM PER SUBSECTION 750.08.
4. ALL STREET NAME SIGNS ARE TWO-SIDED UNLESS NOTED OTHERWISE.
5. WHEN INSTALLING STREET NAME SIGNS (D3-1) USE 12" BRACKETS.
6. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIZES			36" X 12"	
		24" X 10"	36" X 15"	
		24" X 12"	42" X 12"	
		30" X 12"	48" X 12"	
		24" X 18"	36" X 18"	
		24" X 24"	54" X 12"	48" X 18"
		24" X 30"	36" X 24"	48" X 24"
	9" X 12"	30" X 15"	30" X 42"	48" X 30"
	12" X 12"	30" X 18"	36" X 36"	48" X 42"
	18" X 18"	30" X 30"	36" X 48"	48" X 48"
	21" X 15"	30" X 42"	36" X 54"	48" X 60"
THICKNESS	0.080"	0.080"	0.100"	0.125"



THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS, TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FEET BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER EACH. NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED.

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

CLEARING LIMITS FOR SIGNS ON CONVENTIONAL ROADS

ST. JOHNSBURY U.S. ROUTE 2 STA. 169+31, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 175+45, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 175+90, LT
ST. JOHNSBURY U.S. ROUTE 2 STA. 176+09, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 218+56, RT
ST. JOHNSBURY U.S. ROUTE 2 STA. 218+75, LT
ST. JOHNSBURY U.S. ROUTE 2 STA. 219+75, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 88+65, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 98+80, LT
ST. JOHNSBURY U.S. ROUTE 5 STA. 106+19, RT
ST. JOHNSBURY U.S. ROUTE 5 STA. 123+49, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 32+42, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 33+46, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 36+40, LT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 37+63, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 43+25, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 48+63, RT
ST. JOHNSBURY ALT. U.S. ROUTE 5 STA. 51+59, RT
LYNDON U.S. ROUTE 5 STA. 154+04, LT
LYNDON U.S. ROUTE 5 STA. 155+58, LT
LYNDON ALT. VT ROUTE 122 STA. 17+80, RT

NOT TO SCALE

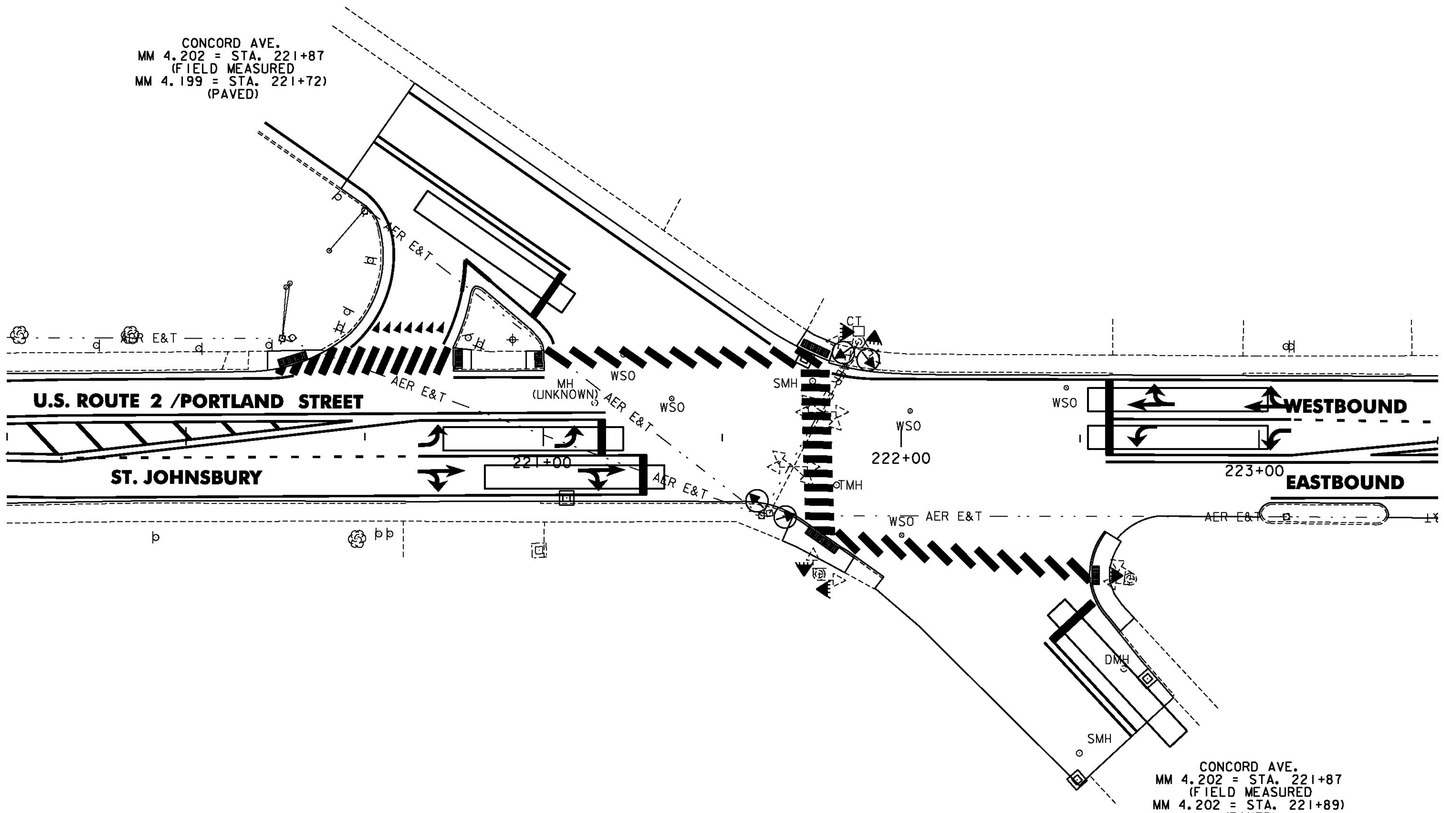
Stantec

TRAFFIC SIGN DETAIL SHEET #13

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 241 OF 250

ST. JOHNSBURY U.S. ROUTE 2 /CONCORD AVE. INTERSECTION



LEGEND	
DESCRIPTION	
-----	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
	EXISTING POLE
	EXISTING LOOP DETECTOR
	DETECTION AREA
	PROPOSED STOP BAR DETECTOR
	EXISTING VEHICLE SIGNAL
	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 2 @ CONCORD AVENUE) ST. JOHNSBURY STA. 221+87		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
225	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (U.S. ROUTE 2 @ CONCORD AVENUE) ST. JOHNSBURY STA. 221+87		
QUANTITY	UNIT	DESCRIPTION
5	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
5	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. THE ACTUAL STOP BAR DETECTOR LOCATION WILL BE DETERMINED BASED ON THE OPTIMAL LOCATION FOR THE TYPE OF DETECTOR SELECTED. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 2 @ CONCORD AVENUE). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.
3. FOR INFORMATION REGARDING THE INSTALLATION OF ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLIES (ORIENTATION, HEIGHT, ETC.), SEE SECTION 4E.08 PEDESTRIAN DETECTORS IN THE 2009 MUTCD.
4. VEHICLE STOP BAR DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
5. DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
6. EXISTING VEHICLE LOOP DETECTORS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 2 @ CONCORD AVENUE).
7. UNIFORMED TRAFFIC OFFICERS CAN DIRECT TRAFFIC AND FLAGGERS CAN ONLY STOP AND RELEASE TRAFFIC.
8. EXISTING SIGNAL EQUIPMENT AND MOUNTING HARDWARE WHICH IS REMOVED SHALL BE DELIVERED TO THE TOWN'S FACILITY AT 6 ALMS ROAD OFF CONCORD AVENUE IN ST. JOHNSBURY. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO ARRANGE DELIVERY AHEAD OF TIME. THIS IS PAID INCIDENTAL TO OTHER ITEMS OF WORK.

NOT TO SCALE

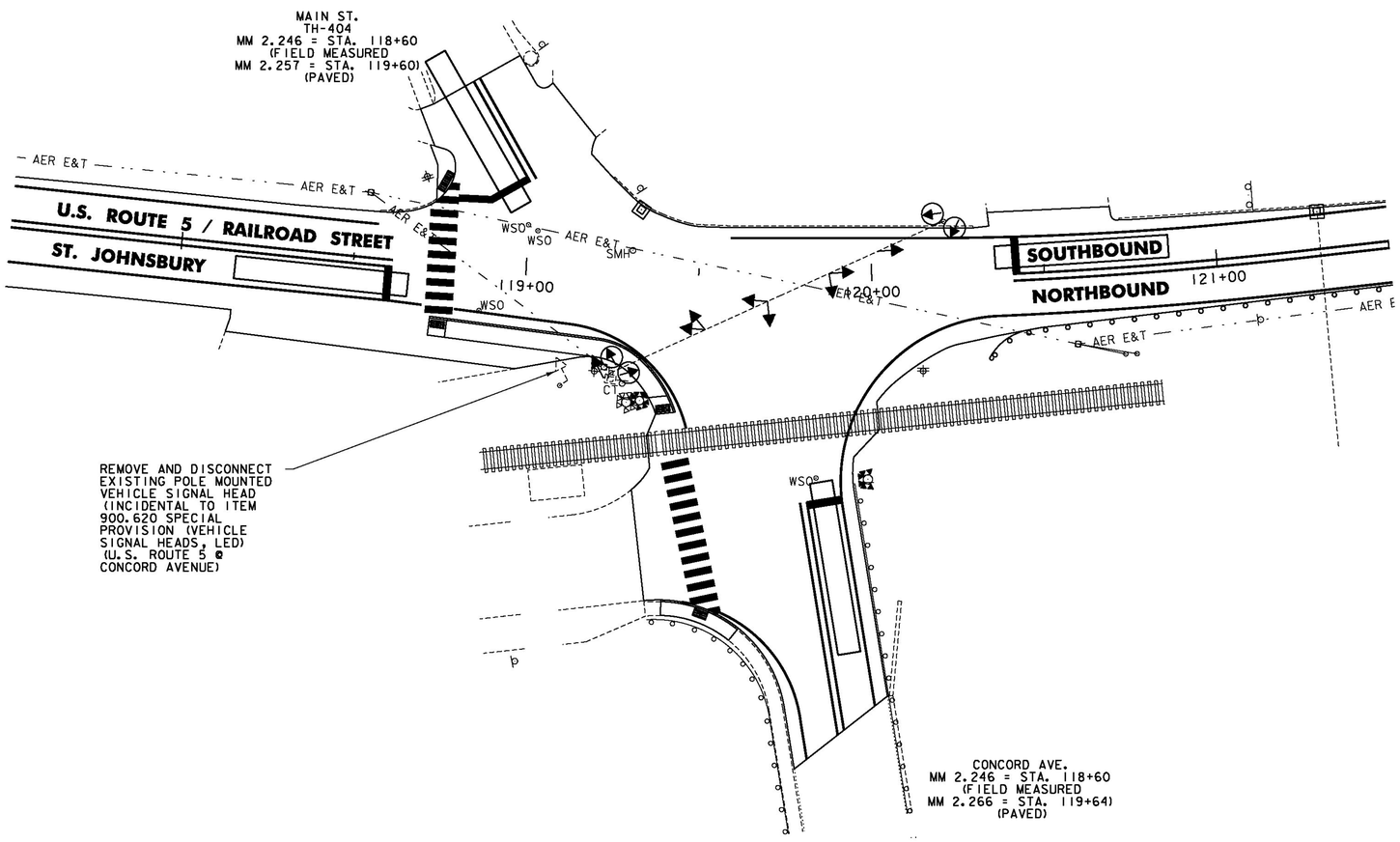
Stantec

TRAFFIC SIGNAL SYSTEMS SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 242 OF 250

ST. JOHNSBURY U.S. ROUTE 5 /CONCORD AVE. INTERSECTION



LEGEND	
DESCRIPTION	
-----	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
	EXISTING POLE
	EXISTING LOOP DETECTOR
	DETECTION AREA
	PROPOSED STOP BAR DETECTOR
	EXISTING VEHICLE SIGNAL
	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ CONCORD AVENUE) ST. JOHNSBURY STA. 118+60		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
325	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

ITEM 900.620 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (U.S. ROUTE 5 @ CONCORD AVENUE) ST. JOHNSBURY STA. 118+60		
QUANTITY	UNIT	DESCRIPTION
1	EA	VEHICLE SIGNAL HEAD (3 SECTION)
3	EA	VEHICLE SIGNAL HEAD ((2 WAY) 3 SECTION)
1	EA	VEHICLE SIGNAL HEAD (3 SECTION-POLE MOUNTED)

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. THE ACTUAL STOP BAR DETECTOR LOCATION WILL BE DETERMINED BASED ON THE OPTIMAL LOCATION FOR THE TYPE OF DETECTOR SELECTED. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ CONCORD AVENUE). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.
3. FOR INFORMATION REGARDING THE INSTALLATION OF ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLIES (ORIENTATION, HEIGHT, ETC.), SEE SECTION 4E.08 PEDESTRIAN DETECTORS IN THE 2009 MUTCD.
4. VEHICLE STOP BAR DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
5. DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
6. EXISTING VEHICLE LOOP DETECTORS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ CONCORD AVENUE).
7. UNIFORMED TRAFFIC OFFICERS CAN DIRECT TRAFFIC AND FLAGGERS CAN ONLY STOP AND RELEASE TRAFFIC.
8. EXISTING SIGNAL EQUIPMENT AND MOUNTING HARDWARE WHICH IS REMOVED SHALL BE DELIVERED TO THE TOWN'S FACILITY AT 6 ALMS ROAD OFF CONCORD AVENUE IN ST. JOHNSBURY. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO ARRANGE DELIVERY AHEAD OF TIME. THIS IS PAID INCIDENTAL TO OTHER ITEMS OF WORK.

NOT TO SCALE

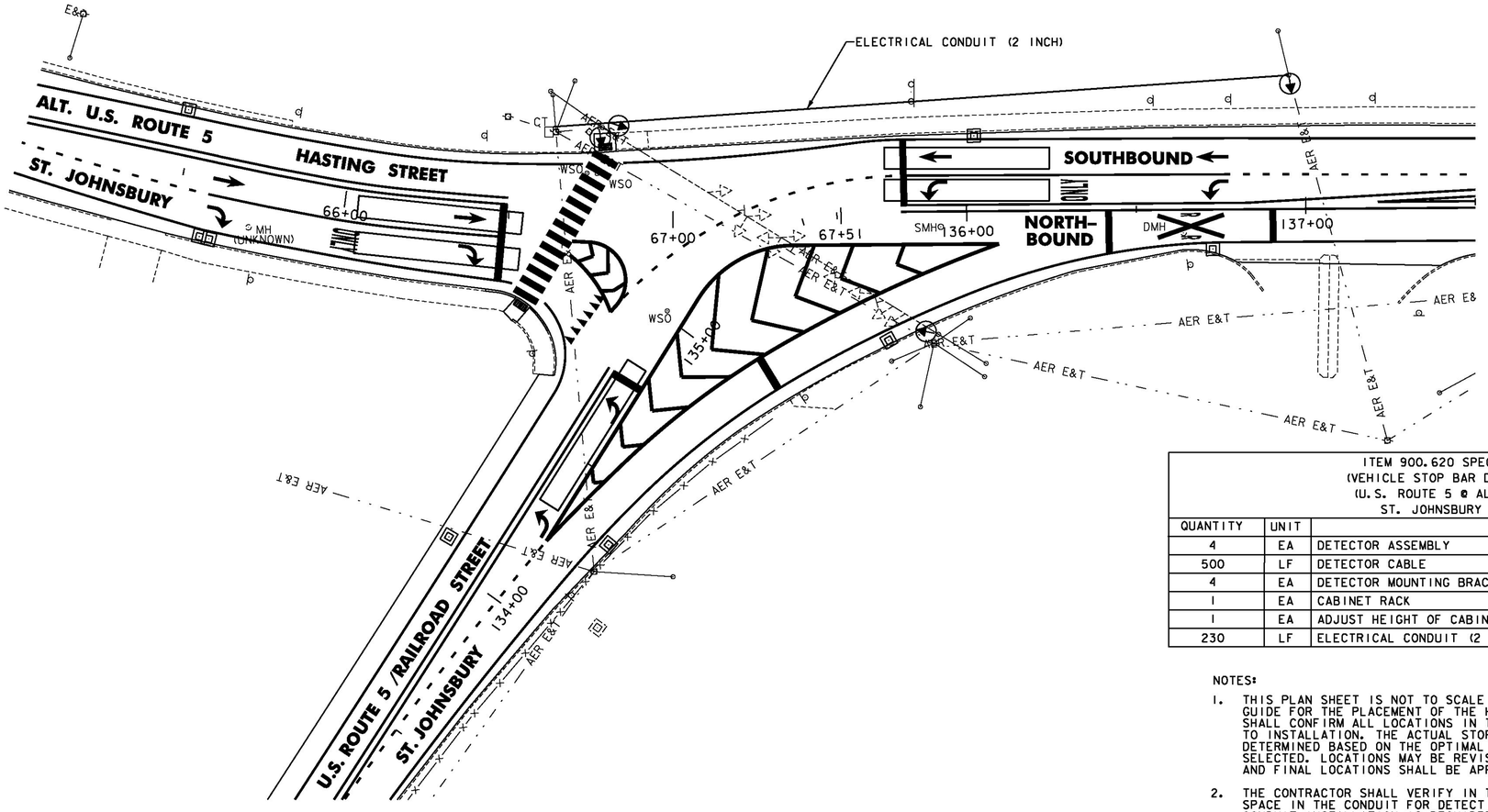
Stantec

TRAFFIC SIGNAL SYSTEMS SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 243 OF 250

ST. JOHNSBURY U.S. ROUTE 5 /ALT U.S. ROUTE 5 INTERSECTION



ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ ALT U.S. ROUTE 5) ST. JOHNSBURY STA. 135+64		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
500	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)
230	LF	ELECTRICAL CONDUIT (2 INCH)

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. THE ACTUAL STOP BAR DETECTOR LOCATION WILL BE DETERMINED BASED ON THE OPTIMAL LOCATION FOR THE TYPE OF DETECTOR SELECTED. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ ALT U.S. ROUTE 5). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.
3. FOR INFORMATION REGARDING THE INSTALLATION OF ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLIES (ORIENTATION, HEIGHT, ETC.), SEE SECTION 4E.08 PEDESTRIAN DETECTORS IN THE 2009 MUTCD.
4. VEHICLE STOP BAR DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
5. DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
6. EXISTING VEHICLE LOOP DETECTORS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (U.S. ROUTE 5 @ ALT U.S. ROUTE 5).
7. UNIFORMED TRAFFIC OFFICERS CAN DIRECT TRAFFIC AND FLAGGERS CAN ONLY STOP AND RELEASE TRAFFIC.
8. EXISTING SIGNAL EQUIPMENT AND MOUNTING HARDWARE WHICH IS REMOVED SHALL BE DELIVERED TO THE TOWN'S FACILITY AT 6 ALMS ROAD OFF CONCORD AVENUE IN ST. JOHNSBURY. CONTACT HUGH WESCOTT, PUBLIC WORKS DIRECTOR AT 802-748-4408 TO ARRANGE DELIVERY AHEAD OF TIME. THIS IS PAID INCIDENTAL TO OTHER ITEMS OF WORK.

NOT TO SCALE

LEGEND	
DESCRIPTION	
-----	EXISTING CONDUIT
——	PROPOSED CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
	EXISTING POLE
	EXISTING LOOP DETECTOR
	DETECTION AREA
	PROPOSED STOP BAR DETECTOR
	EXISTING VEHICLE SIGNAL
	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

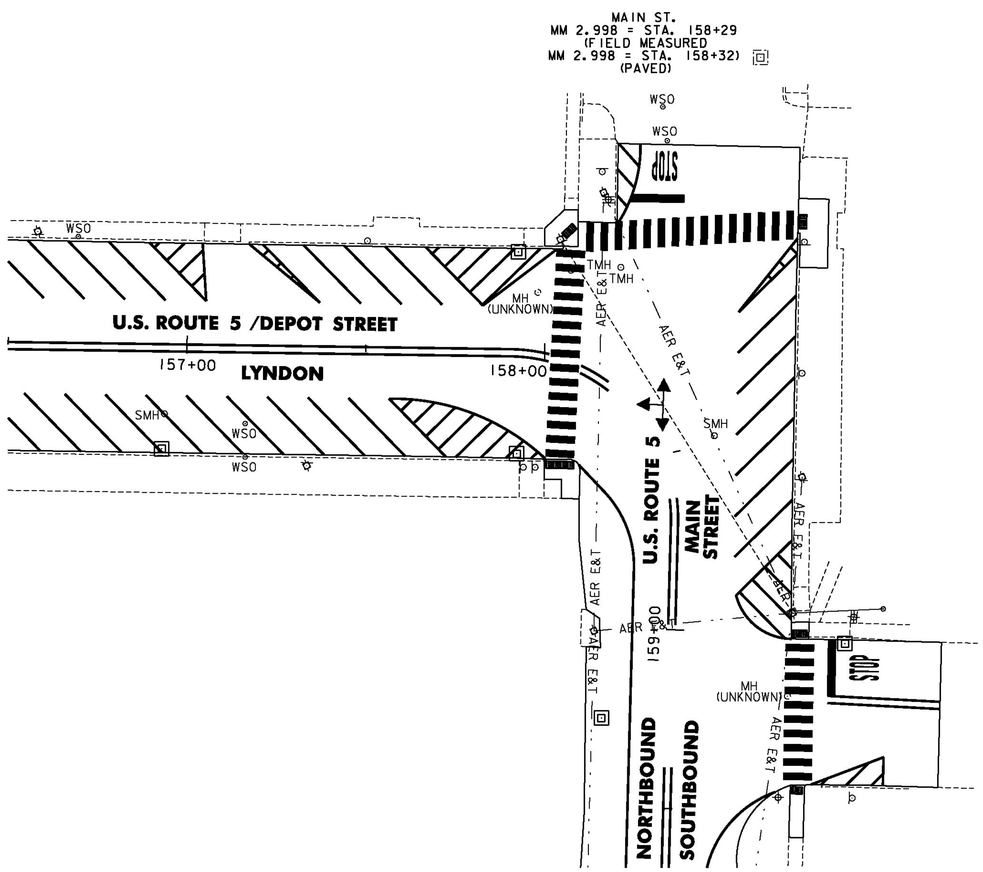
Stantec

TRAFFIC SIGNAL SYSTEMS SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 244 OF 250

LYNDON U.S. ROUTE 5 /MAIN STREET INTERSECTION



ITEM 900.620 SPECIAL PROVISION (FLASHING BEACON SIGNAL HEADS, LED) (U.S. ROUTE 5 @ MAIN STREET) LYNDON STA. 158+29		
QUANTITY	UNIT	DESCRIPTION
1	EA	FLASHING BEACON SIGNAL HEAD (3 SINGLE SECTIONS WITH
		MOUNTING HARDWARE)

LEGEND	
DESCRIPTION	
-----	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
	EXISTING POLE
	DETECTION AREA
	PROPOSED STOP BAR DETECTOR
	EXISTING VEHICLE SIGNAL
	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. ALL EXISTING FLASHING BEACON SIGNAL HEADS SHALL BE REPLACED WITH NEW SIGNAL HEADS AS SHOWN.
3. UNIFORMED TRAFFIC OFFICERS CAN DIRECT TRAFFIC AND FLAGGERS CAN ONLY STOP AND RELEASE TRAFFIC.
4. EXISTING SIGNAL EQUIPMENT AND MOUNTING HARDWARE WHICH IS REMOVED SHALL BE DELIVERED AS DIRECTED BY THE VILLAGE OF LYNDONVILLE. CONTACT TIM HOOKER, PUBLIC WORKS SUPERVISOR AT 802-535-2936 TO ARRANGE DELIVERY AHEAD OF TIME. THIS IS PAID INCIDENTAL TO OTHER ITEMS OF WORK.

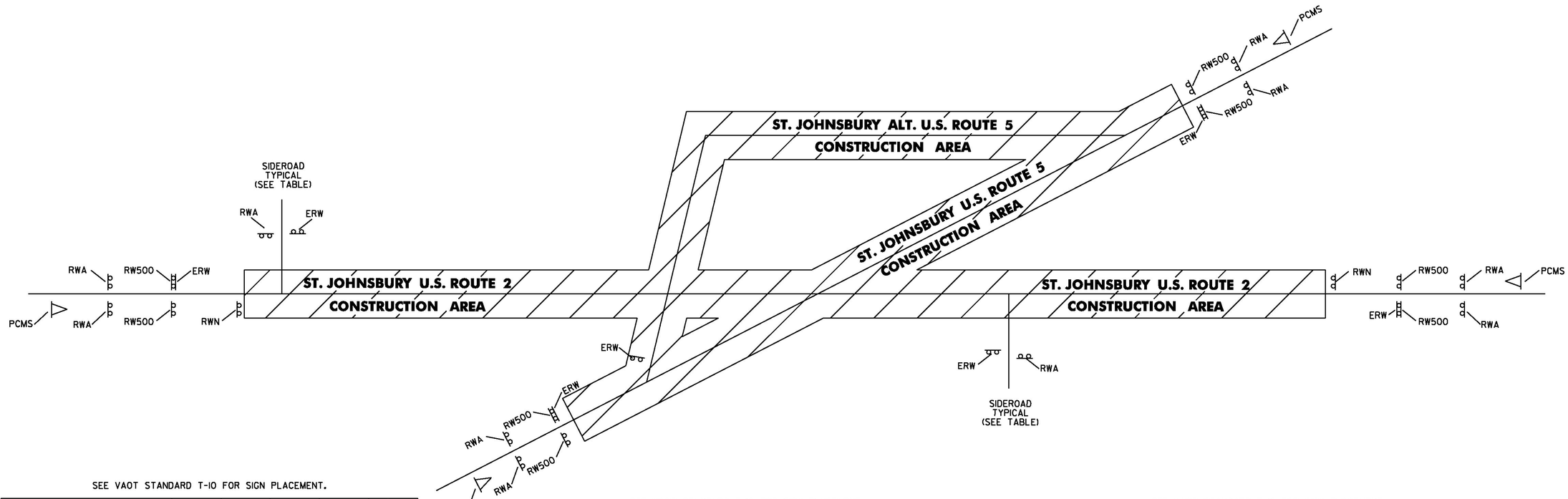
NOT TO SCALE

Stantec

TRAFFIC SIGNAL SYSTEMS SHEET #4

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 245 OF 250



SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	RWN	▷
ST. JOHNSBURY U.S. ROUTE 2					
U.S. ROUTE 2 (BEGIN PROJECT)	1	2	2	1	1
HIGH ST. (TH-356)	1		1		
CENTRAL ST. (TH-344)	1		1		
FOREST AVE. (TH-354)	1		1		
SUMMER ST. (TH-306)	1		1		
BARKER AVE. TH-360)	1		1		
TOWN GARAGE	1		1		
BELVIDERE ST. (ONE WAY) (TH-362)			1		
THADDEUS LN. (ONE WAY) (TH-382)			1		
FEDERAL ST. (TH-378)	1		1		
CHERRY ST. (ONE WAY) (TH-386)			1		
PEARL ST. (ONE WAY) (TH-372)	1				
PEARL ST. (ONE WAY) (TH-372)	1				
WASHINGTON AVE. (TH-518)	1		1		
WEEKS CT. (TH-520)	1		1		
CALEDONIA ST. (TH-516)	1		1		
ELM ST. (TH-476)	1		1		
SIMONS AVE. (TH-512)	1		1		
CONCORD AVE.	1		1		
CONCORD AVE.	1		1		
ELY ST. (TH-486)	1		1		
STATE ST. (TH-485)	1		1		
LINCOLN ST. (TH-498)	1		1		
ASSISQUA AVE. (TH-490)	1		1		
DUKE ST. (TH-492)	1		1		
SNELL RD. (TH-494)	1		1		
U.S. ROUTE 2 (END PROJECT)	1	2	2	1	1
SUBTOTALS	24	4	27	2	2

SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	RWN	▷
ST. JOHNSBURY U.S. ROUTE 5					
U.S. ROUTE 5 (BEGIN PROJECT)	1	2	2		1
PEARL ST. (TH-372)	1		1		
FEDERAL ST. (TH-376)	1		1		
DEPOT SQ. (TH-544)	1		1		
DEPOT SQ. (TH-542)	1		1		
MAPLE ST.	1		1		
BAGLEY ST. (TH-394)	1		1		
MILL ST. (TH-470)	1		1		
MAIN ST. (TH-404)	1		1		
CONCORD AVE.	1		1		
OLD CENTER RD.	1		1		
TREMONT ST. (TH-424)	1		1		
ST. JOHNS ST. (TH-438)	1		1		
U.S. ROUTE 5 (END PROJECT)	1	2	2		1
SUBTOTALS	14	4	16		2

SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	RWN	▷
ST. JOHNSBURY ALT. U.S. ROUTE 5					
ALT. U.S. ROUTE 5 (BEGIN PROJECT)	1				
FAIRBANKS DR. (TH-364)	1		1		
CENTRAL ST. (TH-344)	1		1		
PROSPECT ST. (TH-384)	1		1		
CHURCH ST. (TH-334)	1		1		
CHARLES ST. (TH-388)	1		1		
MAPLE ST.	1		1		
WINTER ST. (TH-324)	1		1		
CARY PL. (TH-322)	1		1		
CLARKS AVE. (TH-390)	1		1		
CLINTON AVE. (TH-318)	1		1		
MAIN ST. (TH-404)	1		1		
BOYNTON AVE. (TH-364)	1		1		
MAIN ALT. LEG (TH-310)	1		1		
CLINTON AVE. (TH-318)	1		1		
GREEN ST. (TH-418)	1		1		
MT. PLEASANT ST. (TH-310)	1		1		
SUMMER ST. (TH-506)	1		1		
SUBTOTALS	18		17		

LEGEND

ERW	= END ROAD WORK
RW500	= ROAD WORK 500 FT
RWA	= ROAD WORK AHEAD
RWN	= ROAD WORK NEXT 2 1/4 MILES
▷	= PORTABLE CHANGEABLE MESSAGE SIGN

NOT TO SCALE

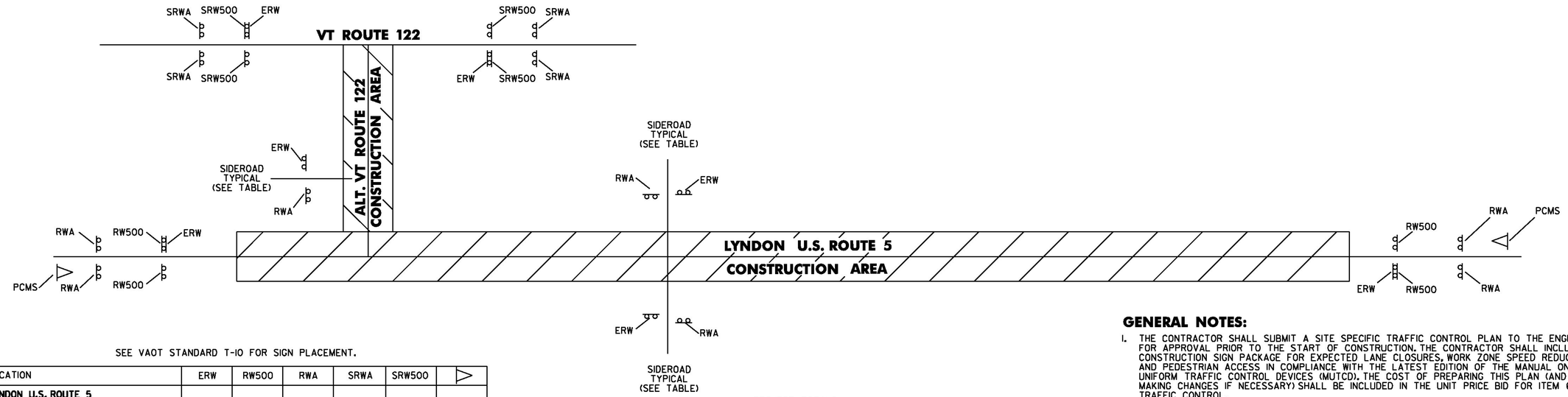
SEE NOTES ON SHEET 247

Stantec

CONSTRUCTION APPROACH SIGNING SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 246 OF 250



SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	SRWA	SRW500	▷
LYNDON U.S. ROUTE 5						
U.S. ROUTE 5 (BEGIN PROJECT)	1	2	2			1
ROSE LN.	1		1			
HILL ST.	1		1			
SOUTH ST.	1		1			
TULIP ST.	1		1			
DEPOT ST.	1		1			
WILLIAMS ST.	1		1			
WILLIAMS ST.	1		1			
CHURCH ST.	1		1			
ELM ST.	1		1			
MAIN ST.	1		1			
MAPLE ST.	1		1			
PARK AVE.	1		1			
MIDDLE ST.	1		1			
GROVE ST.	1		1			
POWERS PARK	1		1			
U.S. ROUTE 5 (END PROJECT)	1	2	2			1
SUBTOTALS	17	4	19			2

LOCATION	ERW	RW500	RWA	SRWA	SRW500	▷
LYNDON ALT. VT ROUTE 122						
ELM ST.	1		1			
SOUTH ST.	1		1			
MAIN ST.	1		1			
PARK AVE.	1		1			
BACK CENTER RD.	1		1			
CUTTING LN. (TH-90)	1		1			
COLLEGE RD. (TH-9)	1		1			
CEMETERY CIR. (TH-87)	1		1			
HEAVEN LN. (TH-121)	1		1			
VT ROUTE 122 (END PROJECT)	2			4	4	
SUBTOTALS	11		9	4	4	

PROJECT TOTALS

LOCATION	ERW	RW500	RWA	RWN	SRWA	SRW500	▷
ST. JOHNSBURY U.S. ROUTE 2	24	4	27	2			2
ST. JOHNSBURY U.S. ROUTE 5	14	4	16				2
ST. JOHNSBURY ALT. U.S. ROUTE 5	19		18				
LYNDON U.S. ROUTE 5	17	4	19				2
LYNDON ALT. VT ROUTE 122	13		11		4	4	
TOTAL	87	12	91	2	4	4	6

TEMPORARY PEDESTRIAN TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.
2. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
3. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF FOUR FEET. IF THE TPAR IS LESS THAN FIVE FEET IN WIDTH, A FIVE FOOT BY FIVE FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
4. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.
5. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
6. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND TPAR HAVE BEEN PROVIDED.
7. THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPAR'S AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR DEVELOPING, IMPLEMENTING, AND MAINTAINING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.

LEGEND

ERW	= END ROAD WORK
RW500	= ROAD WORK 500 FT
RWA	= ROAD WORK AHEAD
SRWA	= SIDE ROAD WORK AHEAD
SRW500	= SIDE ROAD WORK 500 FT
▷	= PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL NOTES:

1. THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN PACKAGE FOR EXPECTED LANE CLOSURES, WORK ZONE SPEED REDUCTIONS AND PEDESTRIAN ACCESS IN COMPLIANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.
2. THE CONTRACTOR SHALL POSITION PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WARNING MOTORISTS OF THE EXPECTED ROADWAY CONDITIONS AHEAD. THE MESSAGE TO BE DISPLAYED, AND THEIR PROPOSED LOCATIONS SHALL BE SUBMITTED TO THE ENGINEER IN ADVANCE FOR APPROVAL. THE PCMS SHOULD BE RELOCATED AS DETERMINED BY THE ENGINEER TO PROVIDE WORK ZONE TRAVEL INFORMATION THAT IS OTHERWISE DIFFICULT TO CONVEY WITH STATIC SIGNS. THE COST OF PROVIDING THESE MESSAGE SIGNS AND THEIR RELOCATION IF NECESSARY SHALL BE PAID UNDER ITEM 641.15, PORTABLE CHANGEABLE MESSAGE SIGN.
3. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE BUT IS NOT LIMITED TO ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN THE MUTCD AND VAOT STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE ENGINEER SHALL ALSO BE INCLUDED.
4. THE LATEST EDITION OF THE MUTCD SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED OR REMOVED.
6. SEE VAOT STANDARDS T-10 AND T-17 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
7. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MUTCD, AND AS OUTLINED IN THE SPECIAL PROVISIONS.
8. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
9. DIAMOND SHAPED SIGNS SHALL BE FOUR FOOT BY FOUR FOOT WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
10. RETROREFLECTIVE SHEETING SHALL BE AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
11. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
12. AS THE CONSTRUCTION OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 500 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.
13. BARRELS AND CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.
14. FOR LANE CLOSURES GREATER THAN 1/2 MILE LONG, PLACE ONE TYPE III BARRICADE ACROSS THE CLOSED LANE AT 1500 FOOT INTERVALS.
15. FOR TRAFFIC CONTROL GENERAL NOTES, SEE VAOT STANDARD T-1.

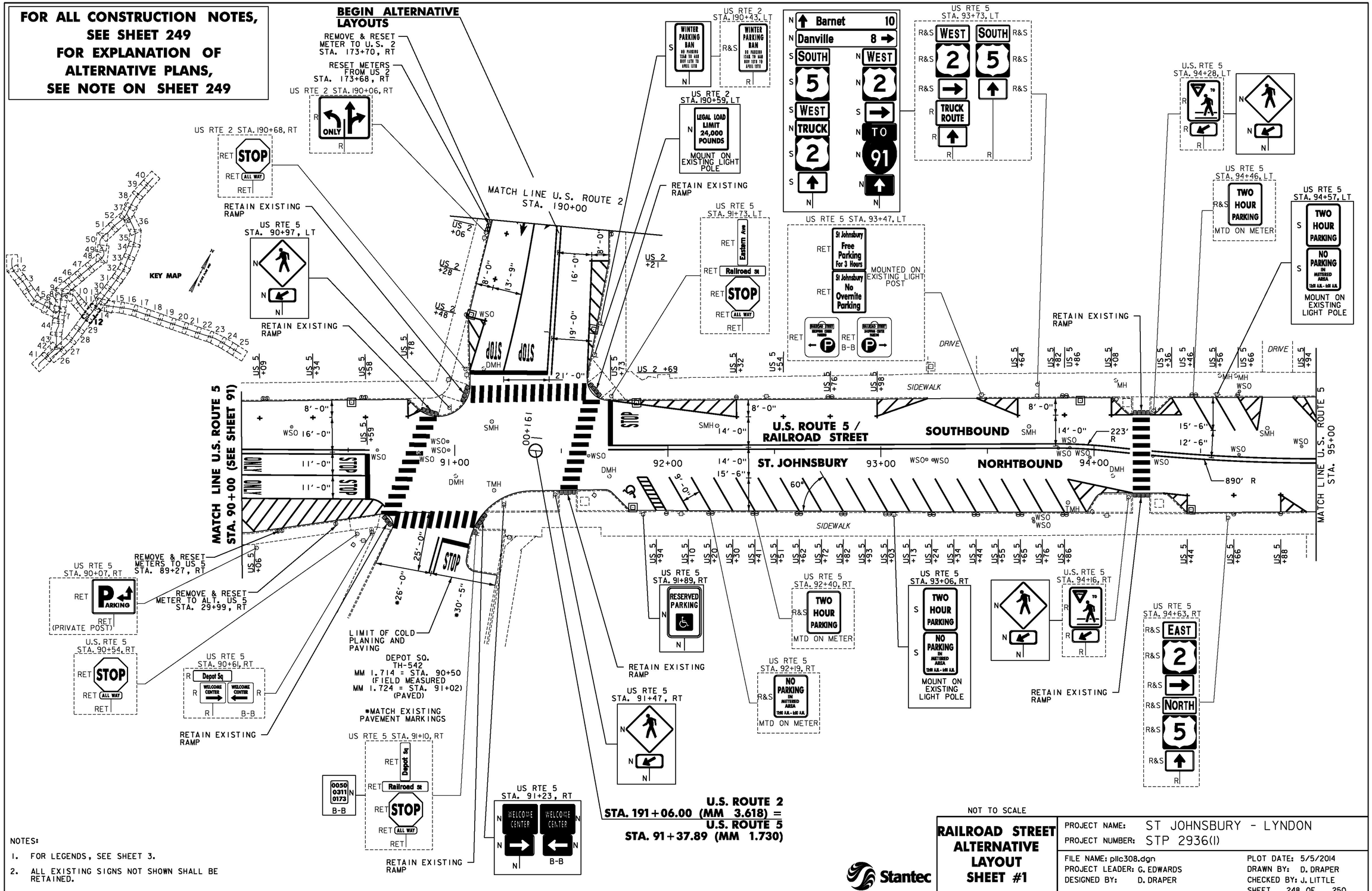
NOT TO SCALE

Stantec

CONSTRUCTION APPROACH SIGNING SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(1)

FILE NAME: pllc308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 247 OF 250



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

RAILROAD STREET ALTERNATIVE LAYOUT SHEET #1

PROJECT NAME: ST JOHNSBURY - LYNDON	
PROJECT NUMBER: STP 2936(1)	
FILE NAME: pllc308.dgn	PLOT DATE: 5/5/2014
PROJECT LEADER: G. EDWARDS	DRAWN BY: D. DRAPER
DESIGNED BY: D. DRAPER	CHECKED BY: J. LITTLE
	SHEET 248 OF 250

NOTE:

1. THESE ALTERNATIVE LAYOUT PLANS SHALL BE USED IF THE ST. JOHNSBURY RAILROAD STREET ENHANCEMENT PROJECT STP EHOI(25) HAS BEEN COMPLETED. THE ENHANCEMENT PROJECT BEGINS ON U.S. ROUTE 2 (EASTERN AVENUE) APPROXIMATELY 260 FT FROM THE INTERSECTION OF U.S. ROUTE 5 (RAILROAD STREET) AND CONTINUES NORTH ON U.S. ROUTE 5 (RAILROAD STREET) APPROXIMATELY 900 FT TO MAPLE STREET. FOR BIDDING PURPOSES, IT HAS BEEN ASSUMED THAT THE ST. JOHNSBURY RAILROAD STREET ENHANCEMENT PROJECT WILL NOT HAVE BEEN COMPLETED AND THEREFORE THE LAYOUT PLANS ON SHEETS 73-75 SHOULD BE ASSUMED DESIGN.

ADDITIONAL QUANTITIES REQUIRED IF ALTERNATIVE LAYOUTS USED

DESCRIPTION	QUANTITY	UNITS
604.40 CHANGING ELEVATION OF DI'S, CB'S, OR MANHOLES	1	EA
675.60 ERECTING SALVAGED SIGNS	4	EA

CHANGING ELEVATION OF DIs, CBs OR MHs
U.S. ROUTE 2
STA. 190+70, RT
SEE SHEETS 27-28

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 90+00 TO 90+84, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 90+00 TO 90+58, SOLID RT (LANE LINE)
STA. 90+00 TO 90+67, SOLID RT (DIAGONALS)
STA. 91+72 TO 95+00, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 91+85 TO 94+99, SOLID RT (PARKING SPACES & DIAGONALS)
U.S. ROUTE 2
STA. 190+00 TO 190+70, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 190+00 TO 190+70, SOLID RT (LANE LINE)
STA. 190+00 TO 190+68, SOLID RT (PARKING SPACES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS & CROSSWALKS)
U.S. ROUTE 5
STA. 90+00 TO 90+60, SOLID LT & RT
STA. 91+02, DOUBLE SOLID RT (DEPOT SQ. TH-542)
STA. 91+72 TO 94+19, DOUBLE SOLID LT
STA. 94+19 TO 95+00, DOUBLE SOLID RT
U.S. ROUTE 2
STA. 190+00 TO 190+70, DOUBLE SOLID LT

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 5
STA. 90+59, RT
STA. 91+02, RT (DEPOT SQ. TH-542)
STA. 91+73, LT
U.S. ROUTE 2
STA. 190+69, LT-RT

DURABLE & TEMPORARY LETTER OR SYMBOL
U.S. ROUTE 5
STA. 90+05, RT "ONLY" (2)
STA. 90+50, RT "STOP" (2)
STA. 91+02, RT "STOP" (DEPOT SQ. TH-542)
STA. 91+82, LT "STOP"
STA. 91+83, RT HANDICAP SYMBOL
U.S. ROUTE 2
STA. 190+60, RT "STOP" (2)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 90+69, RT TO 90+87, LT
STA. 91+02, RT (DEPOT SQ. TH-542)
STA. 91+53, RT TO 91+64, LT
STA. 94+22, LT-RT
U.S. ROUTE 2
STA. 190+78, LT-RT
SEE SHEET 55

TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 5
STA. 90+50, RT "STOP" (2)
STA. 91+02, RT "STOP" (DEPOT SQ. TH-542)
STA. 91+82, LT "STOP"
STA. 91+83, RT HANDICAP SYMBOL
U.S. ROUTE 2
STA. 190+60, RT "STOP" (2)

REMOVING SIGNS
AS SHOWN - 26

ERECTING SALVAGED SIGNS
AS SHOWN - 11

SPECIAL PROVISION (PARKING METER POST)
U.S. ROUTE 2 STA. 190+06, RT

SPECIAL PROVISION (REMOVE & RESET PARKING METER)
U.S. ROUTE 2 STA. 190+06, RT

SPECIAL PROVISION (REMOVE PARKING METER POST)
U.S. ROUTE 5
STA. 90+44, RT
U.S. ROUTE 2
STA. 90+18, RT

NOT TO SCALE

Stantec

RAILROAD STREET ALTERNATIVE LAYOUT SHEET #2

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 249 OF 250

THINNING AND TRIMMING FOR SIGNS
U.S. ROUTE 5
STA. 98+80, LT
SEE SHEET 241 (TYP.)

REHAB,
DIs, CBs OR MHs, CLASS I, II OR III
SEE SHEETS 27-28

CHANGING ELEVATION OF SEWER MANHOLES
SEE SHEET 28

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
U.S. ROUTE 5
STA. 97+74, RT

DETECTABLE WARNING SURFACE
U.S. ROUTE 5
STA. 97+74, RT

ADJUST ELEVATION OF VALVE BOX
SEE SHEETS 28-29

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
U.S. ROUTE 5
STA. 95+00 TO 96+12, LT (PARKING SPACES & DIAGONALS)
STA. 95+06 TO 96+61, RT (PARKING SPACES & DIAGONALS)
SEE SHEETS 55 TO 56 (TYP.)
STA. 96+12 TO 99+00, SOLID LT
STA. 97+66 TO 98+60, SOLID LT (LANE LINE)
STA. 98+02 TO 99+00, SOLID RT
STA. 98+60 TO 99+00, DOTTED LT
U.S. ROUTE 2
STA. 191+27 TO 192+00, SOLID LT
STA. 191+28 TO 192+00, SOLID RT
STA. 191+48 TO 192+00, SOLID LT (LANE LINE)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
U.S. ROUTE 5
STA. 95+00 TO 96+62, DOUBLE SOLID RT
STA. 97+64 TO 98+96, DOUBLE SOLID RT
STA. 98+96 TO 99+00, DOUBLE SOLID RT (2)
U.S. ROUTE 2
STA. 191+45 TO 192+00, DOUBLE SOLID RT

DURABLE & TEMPORARY 24 INCH STOP BAR
U.S. ROUTE 5
STA. 96+60, RT
STA. 97+65, LT - RT
U.S. ROUTE 2
STA. 191+46 TO 191+49, LT

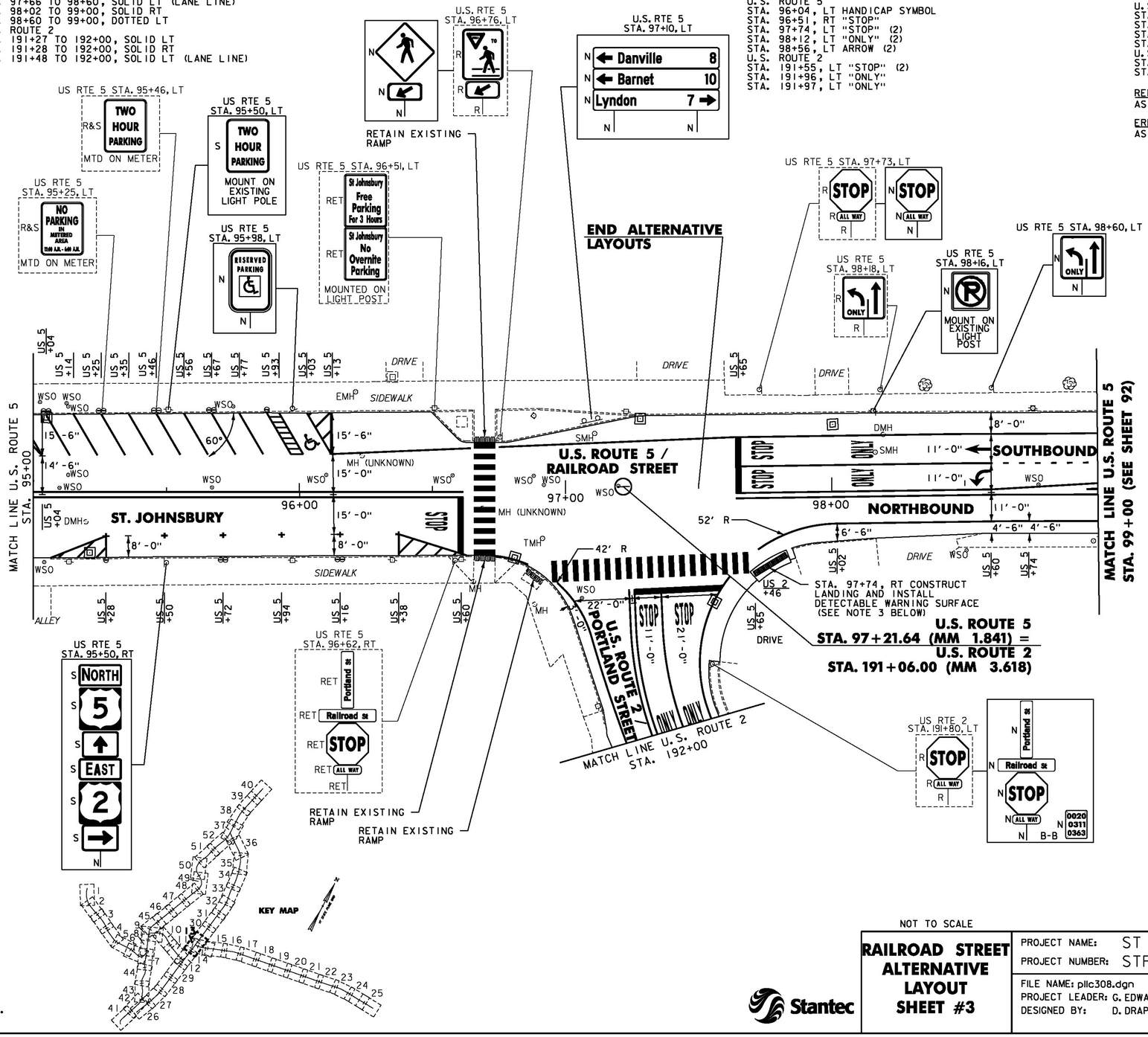
DURABLE LETTER OR SYMBOL
U.S. ROUTE 5
STA. 96+04, LT HANDICAP SYMBOL
STA. 96+51, RT "STOP"
STA. 97+74, LT "STOP" (2)
STA. 98+12, LT "ONLY" (2)
STA. 98+56, LT ARROW (2)
U.S. ROUTE 2
STA. 191+55, LT "STOP" (2)
STA. 191+96, LT "ONLY"
STA. 191+97, LT "ONLY"

DURABLE & TEMPORARY CROSSWALK MARKING
U.S. ROUTE 5
STA. 96+70, LT - RT
SEE SHEET 55 (TYP.)
STA. 96+88 TO 97+74, RT

TEMPORARY LETTER OR SYMBOL, PAINT
U.S. ROUTE 5
STA. 96+04, LT HANDICAP SYMBOL
STA. 96+51, RT "STOP"
STA. 97+74, LT "STOP" (2)
STA. 98+56, LT ARROW (2)
U.S. ROUTE 2
STA. 191+55, LT "STOP"
STA. 191+57, LT "STOP"

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 7



NOTES:

1. FOR LEGENDS, SEE SHEET 3.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. THE SIDEWALK "LANDINGS" NOTED CONSIST OF THE REMOVAL AND REPLACEMENT OF A SINGLE SLAB OF CONCRETE SIDEWALK IN ORDER TO INSTALL A NEW DETECTABLE WARNING SURFACE.

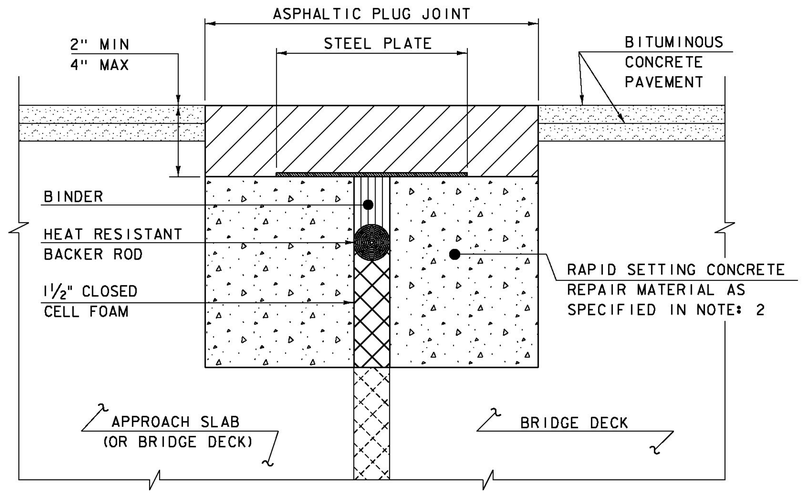
NOT TO SCALE

Stantec

RAILROAD STREET ALTERNATIVE LAYOUT SHEET #3

PROJECT NAME: ST JOHNSBURY - LYNDON
PROJECT NUMBER: STP 2936(I)

FILE NAME: plic308.dgn
PROJECT LEADER: G. EDWARDS
DESIGNED BY: D. DRAPER
PLOT DATE: 5/5/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 250 OF 250



ASPHALTIC PLUG JOINT DETAIL - REHAB

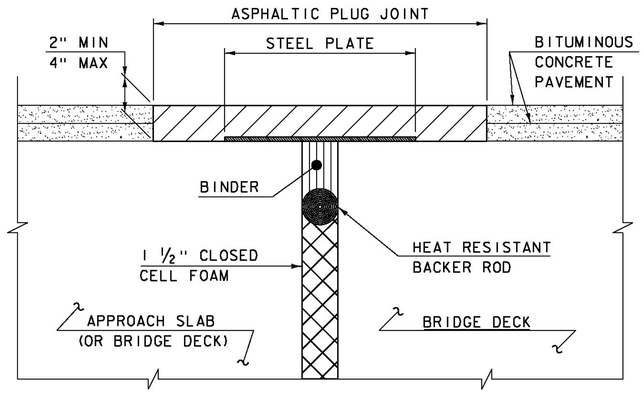
NOTES:

1. THE CONTRACTOR SHALL REMOVE ALL ASPHALTIC PLUG JOINT MATERIAL AND DETERIORATED CONCRETE AS DIRECTED BY THE ENGINEER. REMOVAL OF THE FIRST 4 INCHES OF MATERIAL SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG. ANY REMOVAL OF MATERIAL GREATER THAN 4 INCHES SHALL BE INCLUDED IN THE BID PRICE OF ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.

2. THE CONTRACTOR SHALL REPLACE REMOVED MATERIAL THAT IS LESS THAN 4" FROM FINISHED GRADE WITH ASPHALTIC PLUG JOINT MATERIAL MEETING THE REQUIREMENTS OF SUBSECTION 707.15. ALL REMOVED MATERIAL THAT IS GREATER THAN 4 INCHES FROM FINISHED GRADE SHALL BE REPLACED WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.

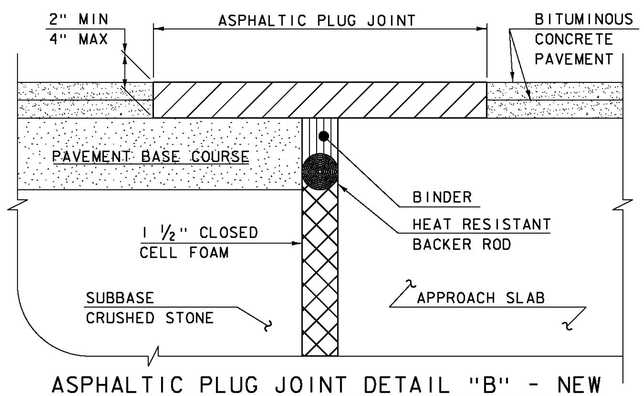
3. REINFORCING STEEL NOT SHOWN FOR CLARITY.

4. PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER. THE STEEL PLATES MAY BE OMITTED WHERE THE ENGINEER DETERMINES THAT THE APPROACH SLAB OR BRIDGE DECK WILL PROVIDE INADEQUATE SUPPORT AND WHERE VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.



ASPHALTIC PLUG JOINT DETAIL "A" - NEW

NOTE:
PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.



ASPHALTIC PLUG JOINT DETAIL "B" - NEW

ASPHALTIC PLUG JOINT NOTES

INSTALLATION:

1. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT, MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. REMOVE THE BITUMINOUS CONCRETE PAVEMENT FULL DEPTH AS SHOWN ON THE PLANS. THE PAVEMENT SHALL BE DRY AND SAW CUT TO THE LIMITS REQUIRED TO PLACE THE JOINT. A PNEUMATIC HAMMER AND CHISEL MAY BE USED ADJACENT TO THE CURB ONLY WHEN SAW CUTTING IS NOT POSSIBLE.
3. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.
5. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.
6. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.

WEATHER LIMITATIONS

APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTURER:

1. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.
2. THE ROAD SURFACE IS DRY.
3. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.

DETAILS ON THIS SHEET ARE NOT TO SCALE.

REVISIONS	
MAY 7, 2010	APPROVED FOR USE BY VAOT STRUCTURES SECTION
AUGUST 29, 2011	ADD DETAIL "B" AND REV. NOTES

BRIDGE JOINT
ASPHALTIC PLUG

VERMONT AGENCY OF TRANSPORTATION
STRUCTURES - DIVISION

STRUCTURES DETAIL
SD-516.10