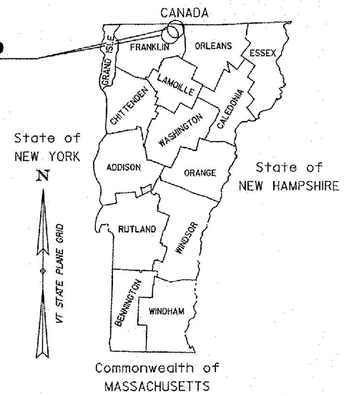
# STATE OF VERMONT
# AGENCY OF TRANSPORTATION

**ENOSBURG-RICHFORD**
**STP 2939(1)**




| RECORD PLANS | |
|---|---|
| CONTRACTOR: | ENGINEERS CONSTRUCTION, INC. - S. BURLINGTON, VT |
| RESIDENT ENGINEER: | DELVIN WARNER |
| CONSTRUCTION BEGAN: | JULY 1, 2014 |
| CONSTRUCTION COMPLETE: | OCTOBER 9, 2014 |
| RECORD PLANS BY: | DELVIN WARNER & AARON JAMES |

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

BY _____ RESIDENT ENGINEER

DATE 3/19/14

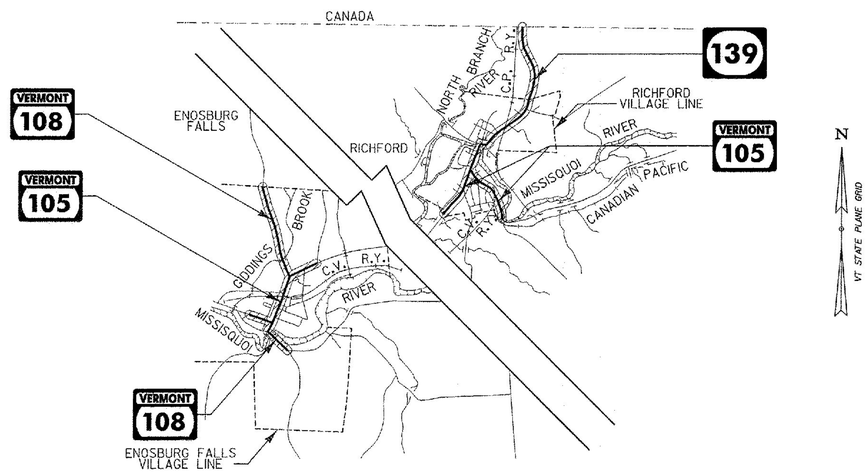
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

# PROPOSED IMPROVEMENT
# CLASS 1 TOWN HIGHWAY
# VILLAGE OF ENOSBURG FALLS & TOWN OF RICHFORD
# COUNTY OF FRANKLIN
# VT ROUTE 105, VT ROUTE 108 &
# STATE NUMBERED TOWN HIGHWAY 139

BEGINNING AT A POINT IN THE VILLAGE OF ENOSBURG FALLS, ON VT ROUTE 105 AT STA. 24+49.92 (MM 0.464) AND EXTENDING EASTERLY ALONG VT ROUTE 105 FOR A DISTANCE OF 5,623.20 FEET (1.065 MILES) TO STA. 80+73.12 (MM 1.529). ALSO BEGINNING AT A POINT IN THE VILLAGE OF ENOSBURG FALLS, ON VT ROUTE 108 AT STA. 237+44.16 (MM 4.497) AND EXTENDING NORTHERLY ALONG VT ROUTE 108 FOR A DISTANCE OF 7,418.4 FEET (1.405 MILES) TO STA. 311+62.56 (MM 5.902). ALSO BEGINNING AT A POINT IN THE TOWN OF RICHFORD, ON VT ROUTE 105 AT STA. 80+09.76 (MM 1.517) AND EXTENDING EASTERLY ALONG VT ROUTE 105 FOR A DISTANCE OF 5,343.36 FEET (1.012 MILE) TO STA. 133+53.12 (MM 2.529). ALSO BEGINNING AT A POINT IN THE TOWN OF RICHFORD, ON STATE NUMBERED TOWN HIGHWAY (SNTH) 139 AT STA. 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG SNTH 139 FOR A DISTANCE OF 9,604.32 FEET (1.819 MILES) TO STA. 96+04.32 (MM 1.819) AT THE UNITED STATES BORDER WITH CANADA.

| PROJECT DATA: | LENGTH (FEET) | LENGTH (MILES) |
|---|---|---|
| VILLAGE OF ENOSBURG FALLS | | |
| VT ROUTE 105 | | |
| STA. 24+49.92 TO 80+73.12 | 5,623.2 | |
| MM 0.464 TO 1.529 | | 1.065 |
| VILLAGE OF ENOSBURG FALLS | | |
| VT ROUTE 108 | | |
| STA. 237+44.16 TO 311+62.56 | 7,418.4 | |
| MM 4.497 TO 5.902 | | 1.405 |
| TOWN OF RICHFORD | | |
| VT ROUTE 105 | | |
| STA. 80+09.76 TO 133+53.12 | 5,343.36 | |
| MM 1.517 TO 2.529 | | 1.012 |
| TOWN OF RICHFORD | | |
| SNTH 139 | | |
| STA. 0+00.00 TO 96+04.32 | 9,604.32 | |
| MM 0.000 TO 1.819 | | 1.819 |
| TOTAL LENGTH OF PROJECT: | 27,989.28 | 5.301 |
| TOTAL LENGTH OF ROADWAY: | 27,989.28 | 5.301 |

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




* FOR DETAILED LOCATION MAP SEE SHEET 2

| SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA | |
|---|---|
| DESIGN LANE/DESIGN LIFE ESALS (ENOSBURG VT ROUTE 105) | 3,623,500 |
| DESIGN LANE/DESIGN LIFE ESALS (ENOSBURG VT ROUTE 108) | 1,010,500 |
| DESIGN LANE/DESIGN LIFE ESALS (RICHFORD VT ROUTE 105) | 1,321,500 |
| DESIGN LANE/DESIGN LIFE ESALS (RICHFORD SNTH ROUTE 139) | 969,500 |
| DESIGN NUMBER OF GYRATIONS | 65 |
| PERFORMANCE GRADE ASPHALT BINDER | SEE SUBSECTION 490.03(b) |

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".

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 SR SR)
TOP OF CUT
TOE OF SLOPE

SURVEYED BY : N/A
SURVEYED DATE : N/A

DATUM
VERTICAL N/A
HORIZONTAL N/A


Stantec
Stantec Consulting Services Inc.
55 Green Mountain Drive
South Burlington VT U.S.A. 05403
Tel. 802.864.0223
Fax. 802.864.0165
www.stantec.com


pllb312.dgn
pllb312ts.l

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Kevin A. Marchia DATE 3/21/14

PROJECT MANAGER : JONATHAN HARRINGTON, P.E.

PROJECT NAME : ENOSBURG-RICHFORD
PROJECT NUMBER : STP 2939(1)

SHEET 1 OF 115 SHEETS

## INDEX OF SHEETS


| | |
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| 73-104 | TRAFFIC SIGN SUMMARY SHEETS 1-32 |
| 105-111 | TRAFFIC SIGN DETAIL SHEETS 1-7 |
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| 113-115 | CONSTRUCTION APPROACH SIGNING SHEETS 1-3 |


**STRUCTURES DETAIL SHEETS**

SD-516.10 BRIDGE JOINT ASPHALTIC PLUG

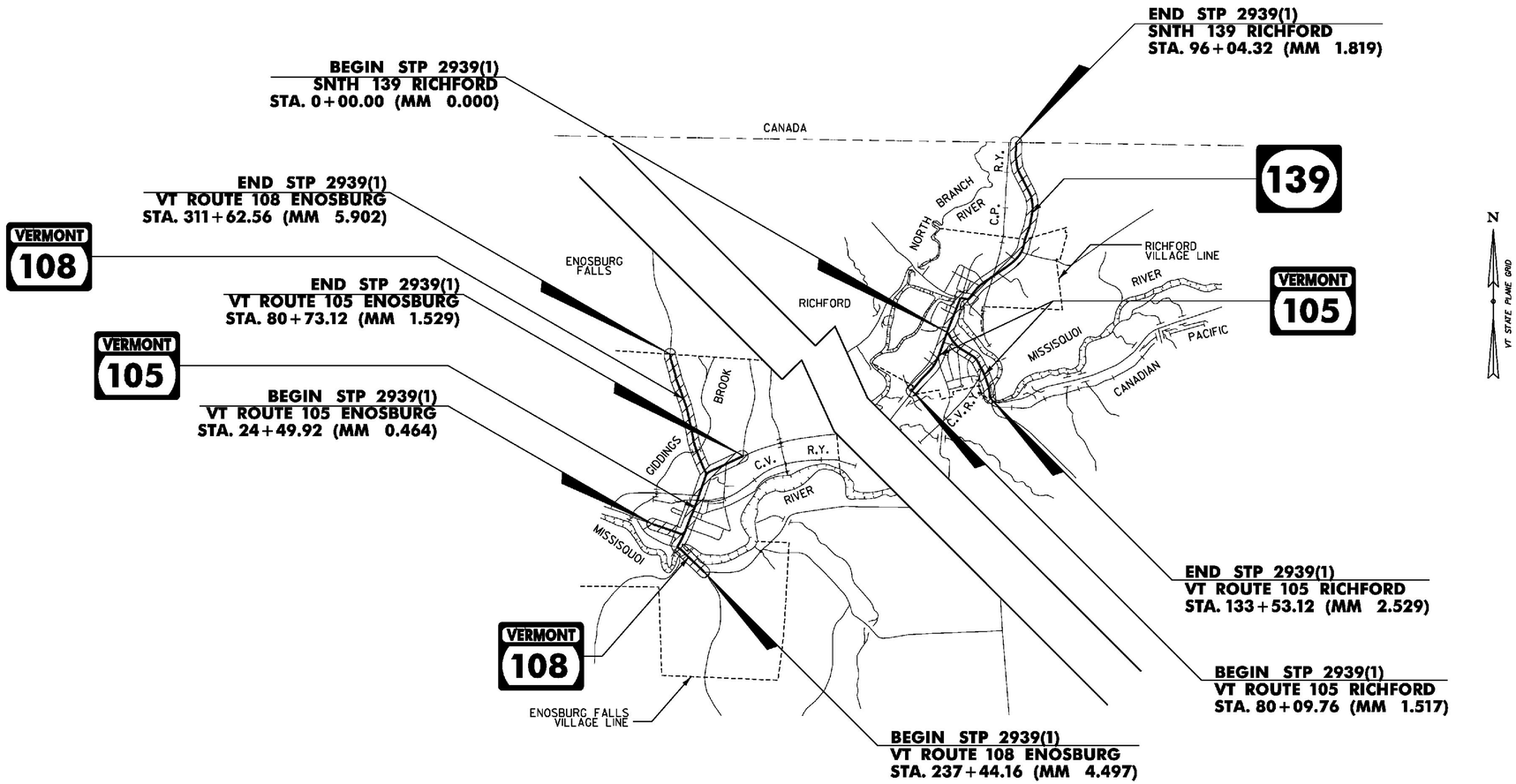
## VAOT STANDARDS

| | | | |
|---|---|---|---|
| B-71 | 07-08-05 | E-151 | 05-01-04 |
| C-2A | 10-14-05 | E-152 | 05-01-04 |
| C-2B | 10-14-05 | E-153 | 05-01-04 |
| C-3A | 03-10-08 | E-154 | 05-01-04 |
| C-3B | 03-10-08 | E-172 | 08-09-95 |
| C-10 | 02-11-08 | E-190 | 06-30-03 |
| D-6 | 06-01-94 | E-191 | 02-01-99 |
| D-8 | 01-03-00 | E-192 | 10-12-00 |
| D-9 | 06-01-94 | E-193 | 08-18-95 |
| D-15 | 06-01-94 | G-1 | 01-03-00 |
| D-16 | 06-01-94 | G-1d | 01-03-00 |
| E-121 | 08-08-95 | G-19 | 11-15-02 |
| E-123 | 03-16-04 | J-3 | 08-07-95 |
| E-127 | 08-08-95 | RR-1 | 06-01-94 |
| E-130 | 08-08-95 | T-1 | 08-06-12 |
| E-131 | 08-08-95 | T-10 | 08-06-12 |
| E-136A | 08-08-95 | T-17 | 08-06-12 |
| E-136B | 08-08-95 | T-24 | 08-06-12 |
| E-136C | 08-08-95 | T-28 | 08-06-12 |
| E-138 | 05-30-03 | T-29 | 08-06-12 |
| E-140 | 08-30-96 | T-30 | 08-06-12 |
| E-141 | 09-20-95 | T-31 | 08-06-12 |
| E-142 | 09-20-95 | T-35 | 08-06-12 |
| E-143 | 06-15-04 | T-36 | 08-06-12 |
| E-150 | 05-01-04 | T-45 | 01-02-13 |

## TRAFFIC DATA

VT ROUTE 105, VT ROUTE 108 & SNTH 139

| LOCATION | AADT | | DHV | | ESALS | |
|---|---|---|---|---|---|---|
| | 2014 | 2024 | 2014 | 2024 | 2014-2024 | 2014-2034 |
| VT ROUTE 105 (ENOSBURG FALLS) | | | | | | |
| BEGIN PROJECT TO VT 108 SOUTH | 3800 | 4000 | 430 | 450 | 1,955,000 | 4,413,000 |
| VT 108 SOUTH TO DEPOT STREET | 7300 | 7500 | 820 | 840 | 3,002,000 | 7,247,000 |
| DEPOT STREET TO PLEASANT STREET | 7900 | 8100 | 890 | 910 | 2,681,000 | 6,472,000 |
| PLEASANT STREET TO END PROJECT | 8400 | 8700 | 940 | 970 | 2,381,000 | 5,775,000 |
| VT ROUTE 108 (ENOSBURG FALLS) | | | | | | |
| BEGIN PROJECT TO DUFFY HILL ROAD | 2400 | 2500 | 270 | 280 | 720,000 | 1,622,000 |
| DUFFY HILL ROAD TO WEST MAIN STREET (VT 105) | 3000 | 3100 | 340 | 350 | 827,000 | 2,021,000 |
| NORTH MAIN STREET (VT 105) TO END PROJECT | 1000 | 1000 | 110 | 110 | 182,000 | 390,000 |
| VT ROUTE 105 (RICHFORD) | | | | | | |
| BEGIN PROJECT TO MAIN STREET (SNTH 139) | 4200 | 4400 | 470 | 500 | 1,164,000 | 2,643,000 |
| MAIN STREET (SNTH 139) TO LIBERTY STREET | 2700 | 2800 | 300 | 320 | 932,000 | 2,241,000 |
| LIBERTY STREET TO END PROJECT | 1800 | 1900 | 200 | 210 | 765,000 | 1,734,000 |
| SNTH 139 (RICHFORD) | | | | | | |
| BEGIN PROJECT TO RIVER STREET (SNTH 139) | 4300 | 4500 | 480 | 510 | 786,000 | 1,939,000 |
| RIVER STREET (SNTH 139) TO GREEN AVENUE | 2200 | 2200 | 250 | 250 | 607,000 | 1,293,000 |
| GREEN AVENUE TO END PROJECT | 720 | 740 | 80 | 80 | 147,000 | 319,000 |



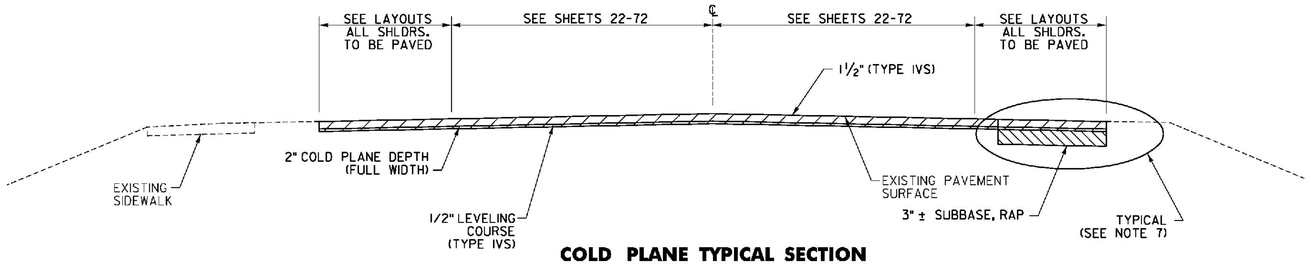

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**INDEX OF SHEETS**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

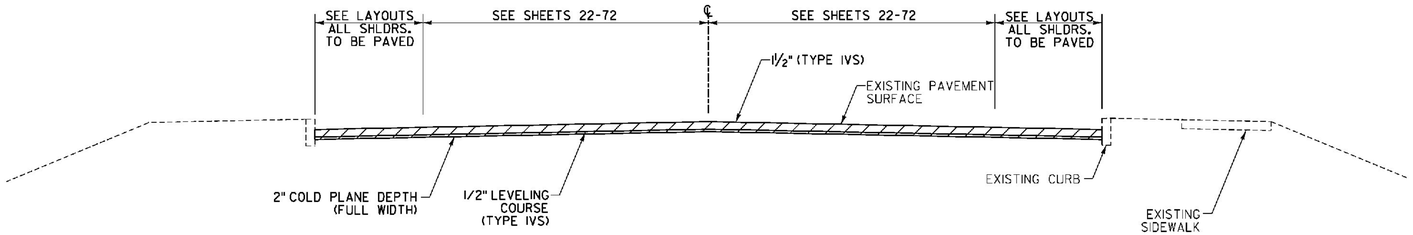
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PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312ind.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 2 OF 115

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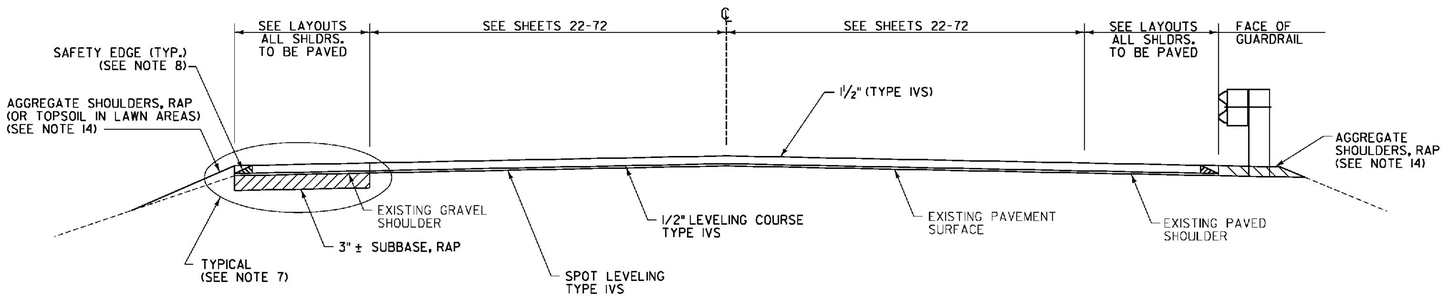

## COLD PLANE TYPICAL SECTION

VT ROUTE 105 ENOSBURG STA. 24+49.92 TO 36+92.00
VT ROUTE 105 ENOSBURG STA. 65+25.0 TO 80+73.12
VT ROUTE 105 RICHFORD STA. 88+60.00 TO 99+50.00




## COLD PLANE TYPICAL SECTION – CURBED

VT ROUTE 105 ENOSBURG STA. 36+92.00 TO 65+25.00
VT ROUTE 105 RICHFORD STA. 99+50.00 TO 106+58.00
SNTH 139 RICHFORD STA. 0+00.00 TO 13+26.60
SNTH 139 RICHFORD STA. 14+55.00 TO 29+20.00




## OVERLAY TYPICAL SECTION – NON-CURBED

VT ROUTE 108 ENOSBURG STA. 237+44.16 TO 247+35.00
VT ROUTE 108 ENOSBURG STA. 259+80.00 TO 311+62.56

## NOTES

1. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL 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 5.
2. ALL COLD PLANE SURFACES SHALL HAVE SURFACE PREPARATION BEFORE PAVING CONSISTING OF POTHOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST 1" IN WIDTH. THIS WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) SEE DETAIL ON SHEET 18.
3. 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.
4. 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 CRS-1H OR RS-1H. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL OTHER PAVED SURFACES AT THE RATE OF 0.025 TO 0.040 GAL/SY OF CRS-1H OR RS-1H PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMUSIFIED ASPHALT) (RS-1H OR CRS-1H).
5. THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE SPOT LEVELING AND ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
7. 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, 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
8. EDGES OF NEW PAVEMENT WITHIN UNCURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 5.
9. 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 15). 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.
10. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
11. 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.
12. 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 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, AND 604.415 FOR ESTIMATING PURPOSES.
13. 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" AND ITEM 621.205 "STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS".
14. 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.
15. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP SAND, ETC. ADJACENT TO THE SHOULDERS IN NON GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
16. 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 TO BE AT FAULT, THE RECOMMENDED REPAIRS SHALL BE COMPLETED AT NO COST TO THE STATE.
17. 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.
18. CONTRACTOR MUST OBTAIN PERMISSION PRIOR TO ANY CONSTRUCTION ON THE U.S. CUSTOMS PROPERTY. FOR THE APPROPRIATE PERMISSION AND PROTOCOL CONTACT MR. TOM EBERHARDT'S OFFICE AT GENERAL SERVICES ADMINISTRATION (802) 828-4483.

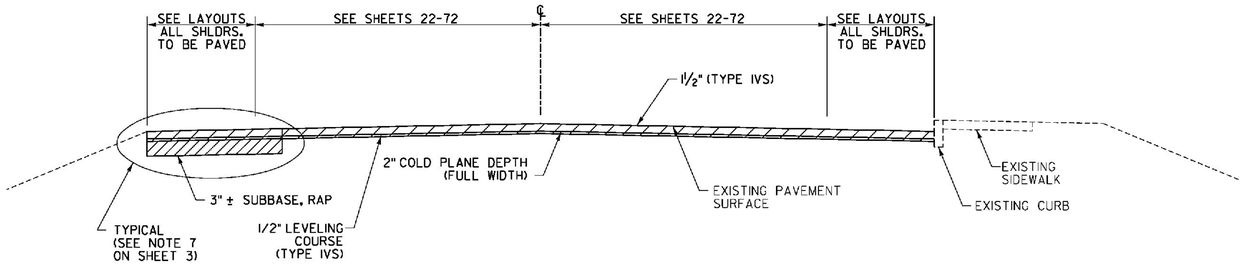
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**PROJECT TYPICAL SHEET #1**

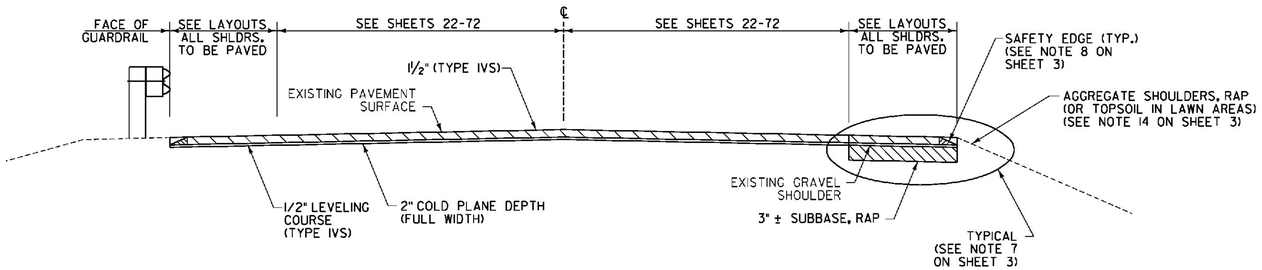
PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312pts01.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 3 OF 115



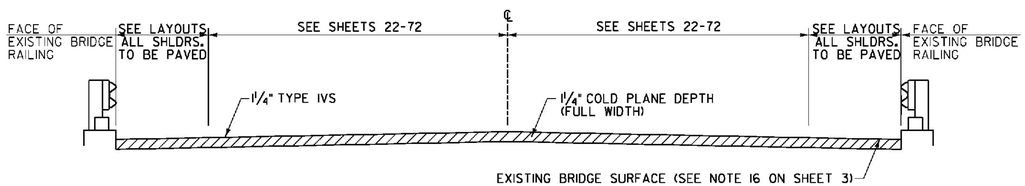

## COLD PLANE TYPICAL SECTION – CURBED

VT ROUTE 108 ENOSBURG STA. 247+35.00 TO 250+28.00
VT ROUTE 108 ENOSBURG STA. 252+65.60 TO 259+80.00
VT ROUTE 105 RICHFORD STA. 106+58.00 TO 117+09.00
SNTH 139 RICHFORD STA. 29+20.00 TO 46+29.00




## COLD PLANE TYPICAL SECTION – NON-CURBED

VT ROUTE 105 RICHFORD STA. 80+09.76 TO 88+60.00
VT ROUTE 105 RICHFORD STA. 117+09 TO 133+53.12
SNTH 139 RICHFORD STA. 46+29.00 TO 96+04.32




## COLD PLANE TYPICAL SECTION – BRIDGE

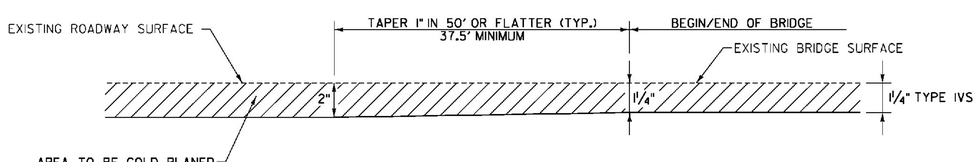
BR#50 VT ROUTE 108 ENOSBURG STA. 250+28.00 TO 252+65.60
BR#41 SNTH 139 RICHFORD STA. 13+26.60 TO 14+55.00

## ASPHALTIC PLUG JOINT LOCATIONS

(SEE STRUCTURES DETAIL SD-516.10)

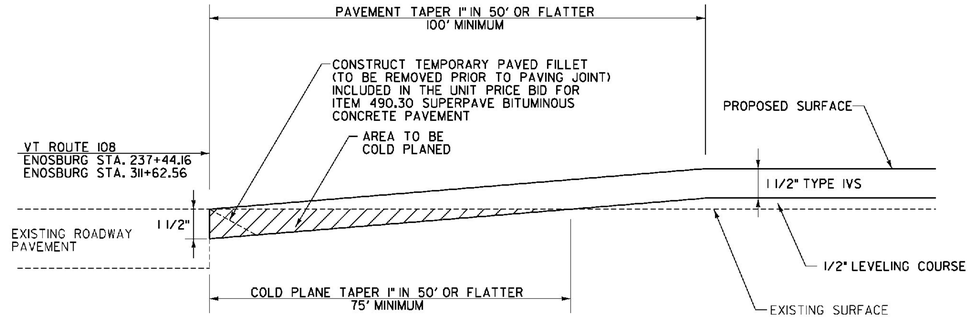
BR#50
ENOSBURG VT ROUTE 108 STA. 250+28 (30 LF)
BR#50
ENOSBURG VT ROUTE 108 STA. 252+65.60 (30 LF)
BR#41
RICHFORD SNTH 139 STA. 13+26.60 (2 @ 27 LF = 54 LF)

RAILROAD CROSSING AARDOT #847-865W
RICHFORD SNTH 139 STA. 32+52 (68 LF)
RICHFORD SNTH 139 STA. 32+57 (68 LF)
RICHFORD SNTH 139 STA. 32+79 (68 LF)
RICHFORD SNTH 139 STA. 32+83 (67 LF)




## BRIDGE TRANSITION DETAIL

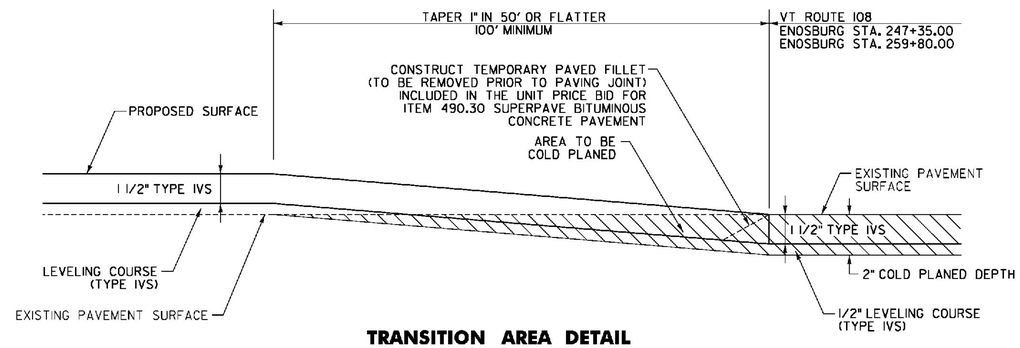
BR#50 VT ROUTE 108 ENOSBURG STA. 249+90.50 TO 250+28.00
BR#50 VT ROUTE 108 ENOSBURG STA. 252+65.60 TO 253+03.10
BR#41 SNTH 139 RICHFORD STA. 12+89.10 TO 13+26.60
BR#41 SNTH 139 RICHFORD STA. 14+55.00 TO 14+92.50




## APPROACH AREA DETAIL
## (BEGIN AND END LEVELING AND OVERLAY)

**FULL ROADWAY WIDTH**

ENOSBURG VT ROUTE 108 STA. 237+44.16 TO 238+44.16
STA. 310+62.56 TO 311+62.56




## TRANSITION AREA DETAIL
## (LEVELING AND OVERLAY TO COLD PLANE)

**FULL ROADWAY WIDTH**

ENOSBURG VT ROUTE 108 STA. 246+35.00 TO 247+35.00
STA. 259+80.00 TO 260+80.00

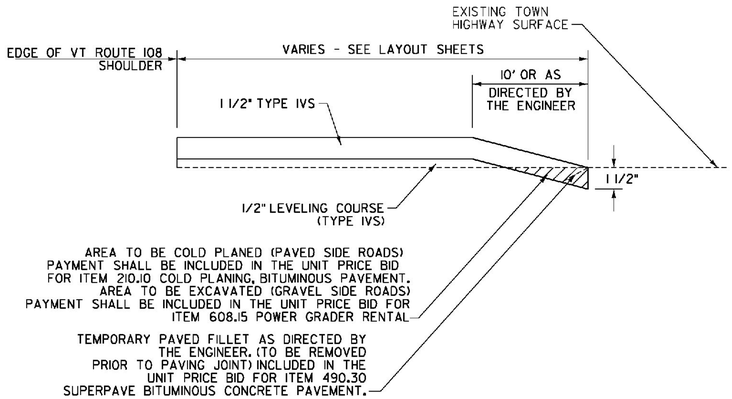
NOT TO SCALE

Stantec

**PROJECT TYPICAL SHEET #2**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312pts02.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 4 OF 115

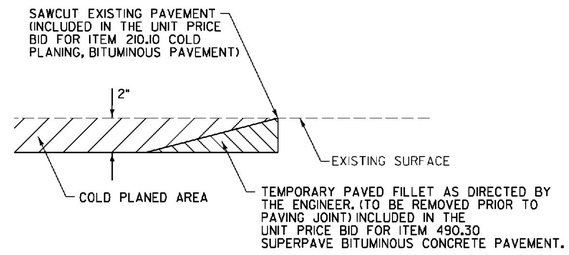



## OVERLAY APPROACH AREA DETAIL – SIDE ROADS

NOTE: THIS DETAIL SHALL BE USED AT THE LOCATIONS LISTED BELOW AS DIRECTED BY THE ENGINEER.

**FULL ROADWAY WIDTH**

ENOSBURG VT ROUTE 108:
STA. 237+88, RT (HAYES FARM ROAD)

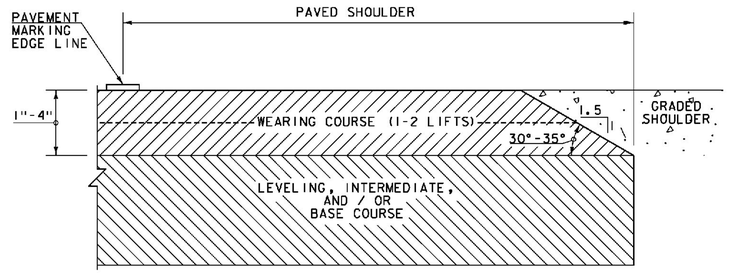



## DETAIL AT VERTICAL COLD PLANE JOINTS

NOTE: THIS DETAIL SHALL BE USED AT THE LOCATIONS LISTED BELOW AS DIRECTED BY THE ENGINEER.

**FULL ROADWAY WIDTH**

ENOSBURG VT ROUTE 105:
STA. 24+49.92 (BEGIN PROJECT)
STA. 33+05, RT (CHURCH STREET)
STA. 33+05, LT (CHURCH STREET)
STA. 40+22, RT (DICKINSON AVENUE)
STA. 45+48, RT (SCHOOL STREET)
STA. 47+84, RT (MISSISQUOI STREET)
STA. 49+96, LT (BISMARK STREET)
STA. 52+56, RT (DEPOT STREET)
STA. 54+34, LT (ORCHARD STREET)
STA. 72+47, RT (PLEASANT STREET)
STA. 79+46, LT (WATER TOWER ROAD)
STA. 80+01, RT (JAYVIEW DRIVE)
STA. 80+73.12 (END PROJECT)
ENOSBURG VT ROUTE 108:
STA. 253+18, LT (VILLAGE DRIVE)
STA. 253+18, LT (ST. ALBANS STREET)
RICHFORD VT ROUTE 105
STA. 80+09.76 (BEGIN PROJECT)
STA. 84+65, LT (MAPLE STREET)
STA. 88+22, LT (HARLEM STREET)
STA. 88+37, RT (NOYES STREET)
STA. 90+25, RT (SWEAT STREET)
STA. 94+99, RT (FARRAR STREET)
STA. 103+00, LT (WILLOW STREET)
STA. 106+62, RT (FARRAR STREET)
STA. 106+62, RT (CENTER STREET)
STA. 114+07, RT (LIBERTY STREET)
STA. 133+53.12 (END PROJECT)
RICHFORD SNTH 139
STA. 1+58, LT (INTERVALE AVENUE TH-68)
STA. 8+03, LT (SCHOOL STREET TH-67)
STA. 10+51, LT (POWELL STREET TH-65)
STA. 15+26, LT (RIVER STREET)
STA. 15+62, LT (TOWN STREET TH-60)
STA. 17+95, RT (EASTERN AVENUE TH-44)
STA. 21+17, LT (CHURCH STREET TH-59)
STA. 21+32, RT (SOUTH STREET TH-62)
STA. 26+07, LT (ELM STREET TH-57)
STA. 27+89, LT (DEWEY STREET)
STA. 35+00, RT (GREEN AVENUE TH-52)
STA. 44+21, LT (WEBSTER STREET TH-51)
STA. 45+88, RT (KINGS COURT TH-82)
STA. 48+10, RT (GOLF COURSE ROAD TH-7)
STA. 53+45, LT (QUAKER STREET TH-10)
STA. 91+55, LT (U.S. CUSTOMS DRIVE)
STA. 96+04.32 (END PROJECT)




## 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 SHALL NOT BE EMPLOYED.

## 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.

NOT TO SCALE

Stantec

**PROJECT TYPICAL SHEET #3**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312pts03.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 5 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# QUANTITY SHEET 1

| SUMMARY OF ESTIMATED QUANTITIES | | | | | | | | TOTALS | | DESCRIPTIONS | | | | DETAILED SUMMARY OF QUANTITIES | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROADWAY | TRAINING | RAILROAD | BRIDGE | FULL C.E. ITEMS | | | | GRAND TOTAL | FINAL | UNIT | ITEMS | ITEM NUMBER | ROUND | QUANTITIES | UNIT | ITEMS |
| 5 | | | | | | | | 5 | | EACH | THINNING AND TRIMMING FOR SIGNS | 201.31 | - | | | COLD PLANING, BITUMINOUS PAVEMENT |
| 115 | | | | | | | | 115 | | CY | COMMON EXCAVATION | 203.15 | 4 | 22672 | SY | ENOSBURG VT ROUTE 105 MAINLINE |
| 200 | | | | | | | | 200 | | CY | EARTH BORROW | 203.30 | 25 | 1739 | SY | ENOSBURG VT ROUTE 105 SIDE ROADS |
| 180 | | | | | | | | 180 | | LF | SHOULDER BERM REMOVAL | 203.40 | 5 | 3700 | SY | ENOSBURG VT ROUTE 108 MAINLINE |
| 1 | | | | | | | | 1 | | CY | TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.) | 204.22 | - | 788 | SY | ENOSBURG VT ROUTE 108 BRIDGE |
| 84900 | | | | | | | | 84900 | | SY | COLD PLANING, BITUMINOUS PAVEMENT | 210.10 | 829 | 593 | SY | ENOSBURG VT ROUTE 108 SIDE ROADS |
| 115 | | | | | | | | 115 | | TON | SUBBASE OF CRUSHED GRAVEL, FINE GRADED | 301.28 | 3 | 17989 | SY | RICHFORD VT ROUTE 105 MAINLINE |
| 3430 | | | | | | | | 3430 | | TON | SUBBASE, RAP | 301.40 | 34 | 1154 | SY | RICHFORD VT ROUTE 105 SIDE ROADS |
| 605 | | | | | | | | 605 | | TON | AGGREGATE SHOULDERS, RAP | 402.13 | 8 | 31653 | SY | RICHFORD SNTH 139 MAINLINE |
| 1 | | | | | | | | 1 | | LU | PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.) | 406.50 | - | 378 | SY | RICHFORD SNTH 139 BRIDGE |
| 12760 | | | | | | | | 12760 | | TON | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT | 490.30 | 138 | 3405 | SY | RICHFORD SNTH 139 SIDE ROADS |
| 1 | | | | | | | | 1 | | LU | AIR VOIDS PAY ADJUSTMENT (N.A.B.I.) | 490.31 | - | 829 | SY | ROUNDING |
| | | | 390 | | | | | 390 | | LF | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG | 516.10 | 5 | 84900 | SY | TOTAL |
| | | | 100 | | | | | 100 | | CF | RAPID SETTING CONCRETE REPAIR MATERIAL | 580.17 | EST. | | | |
| 8 | | | | | | | | 8 | | EACH | CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES | 604.40 | - | | | SUPERPAVE BITUMINOUS CONCRETE PAVEMENT |
| 74 | | | | | | | | 74 | | EACH | REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I | 604.412 | - | | | ENOSBURG |
| 19 | | | | | | | | 19 | | EACH | REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II | 604.415 | - | 1984 | TON | VT ROUTE 105 MAINLINE (WEARING COURSE TYPE IVS) |
| 50 | | | | | | | | 50 | | EACH | CHANGING ELEVATION OF SEWER MANHOLES | 604.42 | - | 152 | TON | VT ROUTE 105 SIDE ROADS (WEARING COURSE TYPE IVS) |
| 15 | | | | | | | | 15 | | HR | POWER GRADER RENTAL | 608.15 | EST. | 712 | TON | VT ROUTE 105 LEVELING (TYPE IVS) |
| 70 | | | | | | | | 70 | | HR | ALL PURPOSE EXCAVATOR RENTAL, TYPE I | 608.25 | EST. | 1963 | TON | VT ROUTE 108 MAINLINE (WEARING COURSE TYPE IVS) |
| 80 | | | | | | | | 80 | | HR | POWER BROOM RENTAL, TYPE I | 608.30 | EST. | 57 | TON | VT ROUTE 108 BRIDGE (WEARING COURSE TYPE IVS) |
| 140 | | | | | | | | 140 | | HR | POWER BROOM RENTAL, TYPE II | 608.31 | EST. | 68 | TON | VT ROUTE 108 SIDE ROADS (WEARING COURSE TYPE IVS) |
| 140 | | | | | | | | 140 | | HR | TRUCK RENTAL | 608.37 | EST. | 677 | TON | VT ROUTE 108 LEVELING (TYPE IVS) |
| 15 | | | | | | | | 15 | | HR | LOADER RENTAL, TYPE I | 608.40 | EST. | | | RICHFORD |
| 860 | | | | | | | | 860 | | CY | STONE FILL, TYPE I | 613.10 | 10 | 1578 | TON | VT ROUTE 105 MAINLINE (WEARING COURSE TYPE IVS) |
| 120 | | | | | | | | 120 | | LF | CAST-IN-PLACE CONCRETE CURB, TYPE B | 616.28 | 4 | 101 | TON | VT ROUTE 105 SIDE ROADS (WEARING COURSE TYPE IVS) |
| 105 | | | | | | | | 105 | | LF | REMOVING AND RESETTING CURB | 616.40 | 4 | 560 | TON | VT ROUTE 105 LEVELING (TYPE IVS) |
| 120 | | | | | | | | 120 | | LF | REMOVAL OF EXISTING CURB | 616.41 | 4 | 2820 | TON | SNTH 139 MAINLINE (WEARING COURSE TYPE IVS) |
| 90 | | | | | | | | 90 | | TON | BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS | 616.47 | 6 | 28 | TON | SNTH 139 BRIDGE (WEARING COURSE TYPE IVS) |
| 12 | | | | | | | | 12 | | EACH | RELOCATE MAILBOX, SINGLE SUPPORT SEE SPREADSHEET | 617.10 | - | 298 | TON | SNTH 139 SIDE ROADS (WEARING COURSE TYPE IVS) |
| 1 | | | | | | | | 1 | | EACH | RELOCATE MAILBOX, MULTIPLE SUPPORT | 617.12 | - | 1039 | TON | SNTH 139 LEVELING (TYPE IVS) |
| 370 | | | | | | | | 370 | | SY | PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH | 618.10 | 5 | 585 | TON | SPOT LEVELING (TYPE IVS) |
| 570 | | | | | | | | 570 | | SF | DETECTABLE WARNING SURFACE | 618.30 | 8 | 138 | TON | ROUNDING |
| 29 | | | | | | | | 29 | | EACH | YIELDING MARKER POSTS SEE SPREADSHEET | 619.17 | EST. | | | |
| 1275 | | | | | | | | 1275 | | LF | STEEL BEAM GUARDRAIL, GALVANIZED | 621.20 | 11 | 12760 | TON | TOTAL |
| 400 | | | | | | | | 400 | | LF | STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS | 621.205 | 25 | | | |
| 7 | | | | | | | | 7 | | EACH | ANCHOR FOR STEEL BEAM RAIL | 621.60 | - | | | STONE FILL, TYPE I |
| 1600 | | | | | | | | 1600 | | LF | REMOVAL AND DISPOSAL OF GUARDRAIL | 621.80 | - | | | |
| 118 | | | | | | | | 118 | | EACH | ADJUST ELEVATION OF VALVE BOX | 629.20 | - | 763 | CY | DITCH CLEANING |
| 1000 | | | | | | | | 1000 | | HR | UNIFORMED TRAFFIC OFFICERS | 630.10 | EST. | 87 | CY | SLOPE EROSION PREVENTION |
| | | | | | | | | | | | | | | 10 | CY | ROUNDING |
| | | | | | | | | | | | | | | 860 | CY | TOTAL |

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
IPARM FILE: p11b312qs01.i

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 6 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# QUANTITY SHEET 2

| SUMMARY OF ESTIMATED QUANTITIES | | | | | | | TOTALS | | DESCRIPTIONS | | | | DETAILED SUMMARY OF QUANTITIES | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ROADWAY | TRAINING | RAILROAD | BRIDGE | FULL C.E. ITEMS | GRAND TOTAL | FINAL | UNIT | ITEMS | ITEM NUMBER | ROUND | QUANTITIES | UNIT | ITEMS |
| 7500 | | | | | 7500 | | HR | FLAGGERS | 630.15 | EST. | | | GEOTEXTILE UNDER STONE FILL |
| | | | | 1 | 1 | | LS | FIELD OFFICE, ENGINEERS | 631.10 | - | 3432 | SY | DITCH CLEANING |
| | | | | 1 | 1 | | LS | TESTING EQUIPMENT, CONCRETE | 631.16 | - | 18 | SY | ROUNDING |
| | | | | 1 | 1 | | LS | TESTING EQUIPMENT, BITUMINOUS | 631.17 | - | 3450 | SY | TOTAL |
| | | | | 3000 | 3000 | | DL | FIELD OFFICE TELEPHONE (N.A.B.I.) | 631.26 | - | | | |
| | 520 | | | | 520 | | HR | EMPLOYEE TRAINEESHIP | 634.10 | | | | SEED |
| 1 | | | | | 1 | | LS | MOBILIZATION/DEMOBILIZATION | 635.11 | - | 22 | LB | DITCH CLEANING |
| 1 | | | | | 1 | | LS | TRAFFIC CONTROL | 641.10 | - | 4 | LB | SLOPE EROSION PREVENTION |
| 7 | | | | | 7 | | EACH | PORTABLE CHANGEABLE MESSAGE SIGN | 641.15 | - | 121 | LB | TURF ESTABLISHMENT |
| 57800 | | | | | 57800 | | LF | DURABLE 4 INCH WHITE LINE, TYPE A TAPE | 646.4011 | 296 | 3 | LB | ROUNDING |
| 54900 | | | | | 54900 | | LF | DURABLE 4 INCH YELLOW LINE, TYPE A TAPE | 646.4111 | 542 | 150 | LB | TOTAL |
| 340 | | | | | 340 | | LF | DURABLE 8 INCH WHITE LINE, TYPE A TAPE | 646.4411 | 7 | | | TEMPORARY EROSION MATTING |
| 740 | | | | | 740 | | LF | DURABLE 24 INCH STOP BAR, TYPE A TAPE | 646.4811 | 10 | 1291 | SY | DITCH CLEANING |
| 245 | | | | | 245 | | EACH | DURABLE LETTER OR SYMBOL, TYPE D TAPE | 646.4914 | - | 175 | SY | GUARDRAIL END SECTIONS |
| 2050 | | | | | 2050 | | LF | DURABLE CROSSWALK MARKING, TYPE A TAPE | 646.5011 | 25 | 34 | SY | ROUNDING |
| 2 | | | | | 2 | | LF | DURABLE RAILROAD CROSSING SYMBOL, TYPE D TAPE | 646.5114 | - | 1500 | SY | TOTAL |
| 103000 | | | | | 103000 | | LF | TEMPORARY 4 INCH WHITE LINE, PAINT | 646.602 | 377 | | | |
| 96800 | | | | | 96800 | | LF | TEMPORARY 4 INCH YELLOW LINE, PAINT | 646.612 | 373 | | | |
| 670 | | | | | 670 | | LF | TEMPORARY 8 INCH WHITE LINE, PAINT | 646.642 | 4 | | | |
| 1460 | | | | | 1460 | | LF | TEMPORARY 24 INCH STOP BAR, PAINT | 646.682 | 11 | | | |
| 477 | | | | | 477 | | EACH | TEMPORARY LETTER OR SYMBOL, PAINT | 646.692 | - | | | |
| 4100 | | | | | 4100 | | LF | TEMPORARY CROSSWALK MARKING, PAINT | 646.702 | 50 | | | |
| 4 | | | | | 4 | | EACH | TEMPORARY RAILROAD CROSSING SYMBOL, PAINT | 646.712 | - | | | |
| 2830 | | | | | 2830 | | EACH | LINE STRIPING TARGETS | 646.76 | 27 | | | |
| 1020 | | | | | 1020 | | LF | PAINTED CURB | 646.81 | 24 | | | |
| 3450 | | | | | 3450 | | SY | GEOTEXTILE UNDER STONE FILL | 649.31 | 18 | | | |
| 150 | | | | | 150 | | LB | SEED | 651.15 | 3 | | | |
| 680 | | | | | 680 | | LB | FERTILIZER | 651.18 | EST. | | | |
| 3 | | | | | 3 | | TON | AGRICULTURAL LIMESTONE | 651.20 | EST. | | | |
| 4 | | | | | 4 | | TON | HAY MULCH | 651.25 | EST. | | | |
| 200 | | | | | 200 | | CY | TOPSOIL | 651.35 | EST. | | | |
| 225 | | | | | 225 | | SY | GRUBBING MATERIAL | 651.40 | 7 | | | |
| 1500 | | | | | 1500 | | SY | TEMPORARY EROSION MATTING | 653.20 | 34 | | | |
| 1510 | | | | | 1510 | | SF | TRAFFIC SIGNS, TYPE A | 675.20 | 9.08 | | | |
| 35 | | | | | 35 | | SF | TRAFFIC SIGNS, TYPE B | 675.21 | 3 | | | |
| 1690 | | | | | 1690 | | LB | TUBULAR STEEL SIGN POST | 675.33 | 13 | | | |
| 2595 | | | | | 2595 | | LF | SQUARE TUBE SIGN POST AND ANCHOR | 675.341 | 9 | | | |
| 17 | | | | | 17 | | EACH | FOUNDATION FOR TUBULAR STEEL POST | 675.43 | - | | | |
| 390 | | | | | 390 | | EACH | REMOVING SIGNS | 675.50 | - | | | |
| 33 | | | | | 33 | | EACH | ERECTING SALVAGED SIGNS | 675.60 | - | | | |

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312qs02.i**

PLOT DATE: 3/26/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 7 OF 115

| ITEM 619.17 STA. | DATE | YIELDING MARKER POSTS EACH |
|---|---|---|
| 237+88LT | 10/08/14 | 1 |
| 237+88RT | | 1 |
| 261+48 RT | | 1 |
| 261+50LT | | 1 |
| 296+80RT | | 1 |
| 296+80LT | | 1 |
| 306+60 RT | | 1 |
| 306+60 LT | | 1 |
| 310+20 RT | | 1 |
| 75+40 LT | | 1 |
| 75+40 RT | | 1 |
| 68+90 RT | 10/09/14 | 1 |
| 68+90LT | | 1 |
| 88+20 RT | | 1 |
| 88+20 LT | | 1 |
| 95+25 RT | | 1 |
| 95+25 LT | | 1 |
| 53+57 RT | | 1 |
| 52+60 RT | | 1 |

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# QUANTITY SHEET 3

| SUMMARY OF ESTIMATED QUANTITIES | | | | | | | | | TOTALS | | DESCRIPTIONS | | | | DETAILED SUMMARY OF QUANTITIES | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ROADWAY | TRAINING | RAILROAD | BRIDGE | FULL C.E. ITEMS | GRAND TOTAL | FINAL | UNIT | ITEMS | ITEM NUMBER | ROUND | QUANTITIES | UNIT | ITEMS |
| | | | | | 7 | | | | | 7 | | EACH | DELINEATOR WITH STEEL POST | 676.10 | - | | | |
| | | | | | 75 | | | | | 75 | | LF | VEHICLE LOOP DETECTOR | 678.22 | 3 | | | |
| | | | | | 1 | | | | | 1 | | LU | PRICE ADJUSTMENT, FUEL (N.A.B.I.) | 690.50 | - | | | |
| | | | | | 6 | | | | | 6 | | EACH | SPECIAL PROVISION (CPM SCHEDULE) | 900.620 | - | | | |
| | | | | | 1 | | | | | 1 | | EACH | SPECIAL PROVISION (REMOVE AND REPLACE FLASHING BEACON, AERIAL MOUNTED) | 900.620 | - | | | |
| | | | | | 4 | | | | | 4 | | EACH | SPECIAL PROVISION (SOIL BEARING SLIP BASE)(2 1/2") | 900.620 | - | | | |
| | | | | | | | 280 | | | 280 | | LF | SPECIAL PROVISION (RUBBER RAIL SEAL) | 900.640 | 8 | | | |
| | | | | | | | 1 | | | 1 | | LS | SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 847-865W) | 900.645 | - | | | |
| | | | | | | | 1 | | | 1 | | LU | SPECIAL PROVISION (MAINTENANCE OF RAILROAD TRAFFIC)(N.A.B.I.) | 900.650 | - | | | |
| | | | | | 3640 | | | | | 3640 | | SY | SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) | 900.675 | 37 | | | |
| | | | | | 100 | | | | | 100 | | TON | SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) | 900.680 | EST. | | | |
| | | | | | 975 | | | | | 975 | | CWT | SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H) | 900.683 | 13.4 | | | |

Stantec

| | |
|---|---|
| PROJECT NAME: | ENOSBURG-RICHFORD |
| PROJECT NUMBER: | STP 2939(I) |
| FILE NAME: p11b312.dgn | PLOT DATE: 4/3/2014 |
| PROJECT LEADER: J. LITTLE | DRAWN BY: D. DRAPER |
| DESIGNED BY: J. LITTLE | CHECKED BY: J. LITTLE |
| **IPARM FILE: p11b312qs03.i** | SHEET 8 OF 115 |

# ITEM DETAIL SUMMARY SHEET 1

| LOCATION | | | GUARDRAIL | | | | MISCELLANEOUS | | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 621.20 S.B. G.R. GALV. LF | 621.205 S.B. G.R. GALV. 8' POST LF | 621.60 ANCHOR FOR S.B. RAIL EACH | 621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF | 203.15 COMMON EXCAVATION CY | 203.30 EARTH BORROW CY | 301.28 SUBBASE OF CRUSHED GRAV. FINE GRADED TON | 402.13 AGGREGATE SHOULDERS, RAP TON | 604.40 CHAN ELEV OF DI, CB OR MH EACH | 604.412 REHAB DI, CB, OR MH, CLASS I EACH | 604.415 REHAB DI, CB, OR MH, CLASS II EACH | 613.10 STONE FILL, TYPE I CY | 616.28 C-I-P CONC. CURB, TYPE B LF | 616.40 REMOVING AND RESETTING CURB LF | 616.41 REMOVAL OF EXISTING CURB LF | 616.47 BIT. CONC. GUTTERS & ISLANDS TON | |
| VILLAGE OF ENOSBURG | | | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 | | | | | | | | | | | | | | | | | | | |
| 24+49.92 | 80+73.12 | LT&RT | | | | | | | | 65 | 5 | 17 | 4 | 14 | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 32+86 | | LT | | | | | 0.8 | | 0.9 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 45+17 | | RT | | | | | 1.4 | | 1.4 | | | | | | | | | | REMOVE EXISTING DETECTABLE WARNING SURFACE AND RECONSTRUCT SIDEWALK |
| 45+17 | | LT | | | | | 4.4 | | 4.4 | | | | | | | 20 | | | REMOVE EXISTING DETECTABLE WARNING SURFACE AND RAMP. RECONSTRUCT SIDEWALK |
| 45+72 | | LT | | | | | 2.5 | | 2.5 | | | | | | | 15 | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 45+72 | | RT | | | | | 1.4 | | 1.4 | | | | | | | 13 | | | CONSTRUCT SIDEWALK RAMP, TYPE 2 |
| 48+01 | | RT | | | | | 4.3 | | 4.2 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 49+82 | | LT | | | | | 3.1 | | 3.0 | | | | | | | 21 | | | CONSTRUCT SIDEWALK RAMP, TYPE 5 |
| 49+86 | | RT | | | | | 3.3 | | 3.2 | | | | | | | 17 | | | CONSTRUCT SIDEWALK RAMP, TYPE 2 |
| 50+11 | | LT | | | | | 0.8 | | 0.9 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 52+83 | | RT | | | | | 1.9 | | 1.9 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 52+93 | | RT | | | | | 1.1 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 52+97 | | LT | | | | | 1.6 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 54+46 | | LT | | | | | 3.3 | | 3.3 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 72+10 | | RT | | | | | 1.1 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 72+10 | | LT | | | | | 1.1 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| VILLAGE OF ENOSBURG | | | | | | | | | | | | | | | | | | | |
| VT ROUTE 108 | | | | | | | | | | | | | | | | | | | |
| 237+44.16 | 311+62.56 | LT&RT | | | | | | | | 224 | 2 | 9 | 2 | 395 | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 253+18 | | LT | | | | | 0.8 | | 0.9 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 253+45 | | RT | | | | | 2.5 | | 2.5 | | | | | | | 15 | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 253+47 | | LT | | | | | 2.3 | | 2.3 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 259+19 | | LT | | | | | 1.0 | | 1.1 | | | | | | 5.5 | | 5.5 | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 259+24 | | RT | | | | | 1.1 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 264+86.0 | 269+89.0 | RT | 504 | | 2 | 500 | | 50 | | | | | | | | | | | INSTALL ANCHOR @ STA. 264+86.0 & STA. 269+89.0 |
| 266+72.0 | 270+68.0 | LT | 404 | | 2 | 400 | | 50 | | | | | | | | | | | INSTALL ANCHOR @ STA. 266+72.0 & STA. 270+68.0 |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 | | | | | | | | | | | | | | | | | | | |
| 80+09.76 | 133+53.12 | LT&RT | | | | | | | | 108 | | 15 | 4 | 72 | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 84+84 | 88+03 | LT | | | | | | | | | | | | | | | | 22.8 | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 90+04 | | RT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 90+33 | | RT | | | | | 1.2 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 90+33 | 92+18 | RT | | | | | | | | | | | | | | | | 8.7 | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 90+81 | 93+68 | LT | | | | | | | | | | | | | | | | 16.8 | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| SHEET SUBTOTALS: | | | 908 | | 4 | 900 | 41.7 | 100 | 42.2 | 397 | 7 | 41 | 10 | 481 | 5.5 | 101 | 5.5 | 48.3 | |

**ITEM DETAIL SUMMARY SHEET #1**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss01.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 9 OF 115

# ITEM DETAIL SUMMARY SHEET 2

| LOCATION | | | MISCELLANEOUS | | | | | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 617.10 RELOCATE MAILBOX, SINGLE SUPP. EA | 617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA | 618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY | 618.30 DETECTABLE WARNING SURFACE SF | 619.17 YIELDING MARKER POSTS EACH | 649.31 GEOTEXTILE UNDER STONE FILL SY | 651.40 GRUBBING MATERIAL SY | 653.20 TEMPORARY EROSION MATTING SY | 676.10 DELINEATOR WITH STEEL POST EACH | | | | | | | |
| VILLAGE OF ENOSBURG | | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 | | | | | | | | | | | | | | | | | | |
| 24+49.92 | 80+73.12 | LT&RT | 7 | | | | 2 | 64 | | | | | | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 32+86 | | LT | | | 3 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 32+88 | | RT | | | | 12 | | | | | | | | | | | | |
| 45+17 | | RT | | | 5 | | | | | | | | | | | | | REMOVE EXISTING DETECTABLE WARNING SURFACE AND RECONSTRUCT SIDEWALK |
| 45+17 | | RT | | | | 8 | | | | | | | | | | | | |
| 45+17 | | LT | | | 15 | | | | | | | | | | | | | REMOVE EXISTING DETECTABLE WARNING SURFACE AND RAMP. RECONSTRUCT SIDEWALK |
| 45+72 | | LT | | | 8 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 OMIT - TOWN'S REQUEST / PG 26 |
| 45+72 | | RT | | | 5 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 2 OMIT - TOWN'S REQUEST / PG 26 |
| 48+01 | | RT | | | 14 | 12 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 49+82 | | LT | | | 10 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 5 |
| 49+86 | | RT | | | 11 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 2 |
| 50+11 | | LT | | | 3 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 52+83 | | RT | | | 6 | 6 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 52+93 | | RT | | | 4 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 52+97 | | LT | | | 5 | 14 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 54+46 | | LT | | | 11 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 72+10 | | RT | | | 4 | 14 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 72+10 | | LT | | | 4 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| VILLAGE OF ENOSBURG | | | | | | | | | | | | | | | | | | |
| VT ROUTE 108 | | | | | | | | | | | | | | | | | | |
| 237+44.16 | 311+62.56 | LT&RT | 4 | 1 | | | 9 | 1779 | | 566 | | | | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 253+18 | | LT | | | 3 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 253+45 | | RT | | | 8 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 253+47 | | LT | | | 7 | 12 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 259+19 | | LT | | | 3 | 6 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 259+24 | | RT | | | 4 | 6 | | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 264+86.0 | 269+89.0 | RT | | | | | | | | 50 | 2 | | | | | | | INSTALL ANCHOR @ STA. 264+86.0 & STA. 269+89.0 |
| 266+72.0 | 270+68.0 | LT | | | | | | | | 50 | 2 | | | | | | | INSTALL ANCHOR @ STA. 266+72.0 & STA. 270+68.0 |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 | | | | | | | | | | | | | | | | | | |
| 80+09.76 | 133+53.12 | LT&RT | | | | | 4 | 323 | | 317 | | | | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE |
| | | | | | | | | | | | | | | | | | | DITCH CLEANING DETAIL SHEET 21. |
| 84+84 | 88+03 | LT | | | | | | | | | | | | | | | | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 90+04 | | RT | | | 2 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 90+33 | | RT | | | 4 | 8 | | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 90+33 | 92+18 | RT | | | | | | | | | | | | | | | | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 90+81 | 93+68 | LT | | | | | | | | | | | | | | | | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| SHEET SUBTOTALS: | | | 11 | 1 | 139 | 174 | 15 | 2166 | | 983 | 4 | | | | | | | |

**ITEM DETAIL SUMMARY SHEET #2**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss02.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 10 OF 115

# ITEM DETAIL SUMMARY SHEET 3

| LOCATION | | | GUARDRAIL | | | | MISCELLANEOUS | | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 621.20 S.B. G.R. GALV. LF | 621.205 S.B. G.R. GALV. 8' POST LF | 621.60 ANCHOR FOR S.B. RAIL EACH | 621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF | 203.15 COMMON EXCAVATION CY | 203.30 EARTH BORROW CY | 301.28 SUBBASE OF CRUSHED GRAV. FINE GRADED TON | 402.13 AGGREGATE SHOULDERS, RAP TON | 604.40 CHAN ELEV OF DI, CB OR MH EACH | 604.412 REHAB DI, CB, OR MH, CLASS I EACH | 604.415 REHAB DI, CB, OR MH, CLASS II EACH | 613.10 STONE FILL, TYPE I CY | 616.28 C-I-P CONC. CURB, TYPE B LF | 616.40 REMOVING AND RESETTING CURB LF | 616.41 REMOVAL OF EXISTING CURB LF | 616.47 BIT. CONC. GUTTERS & ISLANDS TON | |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 (CONT.) | | | | | | | | | | | | | | | | | | | |
| 94+87 | | RT | | | | | 1.2 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 95+10 | | RT | | | | | 1.0 | | 1.1 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 95+11 | 95+83 | RT | | | | | | | | | | | | | | | | 6.5 | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 98+25 | | RT | | | | | 1.7 | | 1.8 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 98+25 | | LT | | | | | 1.6 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 100+41 | | RT | | | | | 1.4 | | 1.4 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 100+55 | | LT | | | | | 2.4 | | 2.5 | | | | | | 10 | | 10 | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 102+80 | | LT | | | | | 1.7 | | 1.8 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 103+15 | | LT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 106+26 | | RT | | | | | 1.5 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 107+00 | | RT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 107+00 | | RT | | | | | 0.6 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 113+92 | | RT | | | | | 0.8 | | 0.9 | | | | | | 5 | | 5 | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 114+28 | | RT | | | | | 2.8 | | 2.8 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 129+87.0 | 133+89.0 | LT | 27 | 375 | 1 | 400 | | 25 | | | | | | 87 | | | | | INSTALL ANCHOR @ STA. 129+87.0; CONNECT TO EXISTING STEEL BEAM RAIL @ STA. 133+89.0. REPAIR SLOPE EROSION AT 131+57 - 133+53.12. SEE DETAIL ON SHEET 18. |
| TOWN OF RICHFORD SNTH 139 | | | | | | | | | | | | | | | | | | | |
| 0+00.00 | 96+04.32 | LT&RT | | | | | | | | 200 | 1 | 33 | 9 | 282 | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE DITCH CLEANING DETAIL SHEET 21. |
| 1+46 | | LT | | | | | 2.6 | | 2.6 | | | | | | 11 | | 11 | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 1+84 | | LT | | | | | 1.2 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 5+62 | | RT | | | | | 3.5 | | 3.3 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 7+29 | | RT | | | | | 1.0 | | 1.1 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 7+95 | | LT | | | | | 1.2 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 8+22 | | LT | | | | | 1.1 | | 1.1 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 10+74 | | LT | | | | | 5.3 | | 5.3 | | | | | | 17 | | 17 | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 11+48 | | RT | | | | | 3.1 | | 3.0 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 11+48 | | LT | | | | | 5.7 | | 5.6 | | | | | | 25 | | 25 | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 14+98 | | LT | | | | | 3.8 | | 3.7 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 15+26 | | LT | | | | | 1.8 | | 1.8 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 15+41 | | LT | | | | | 1.7 | | 1.8 | | | | | | 10 | | 10 | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 15+59 | | RT | | | | | 2.4 | | 2.5 | | | | | | 18 | | 18 | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 15+73 | | LT | | | | | 1.6 | | 1.6 | | | | | | 10 | | 10 | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 17+82 | | RT | | | | | 0.8 | | 0.9 | | | | | | 5 | | 5 | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| SHEET SUBTOTALS: | | | 27 | 375 | 1 | 400 | 54.9 | 25 | 55.5 | 200 | 1 | 33 | 9 | 369 | 111 | | 111 | 6.5 | |

**ITEM DETAIL SUMMARY SHEET #3**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss03.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 11 OF 115

# ITEM DETAIL SUMMARY SHEET 4

| LOCATION | | | MISCELLANEOUS | | | | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 617.10 RELOCATE MAILBOX, SINGLE SUPP. EA | 617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA | 618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY | 618.30 DETECTABLE WARNING SURFACE SF | 619.17 YIELDING MARKER POSTS EACH | 649.31 GEOTEXTILE UNDER STONE FILL SY | 651.40 GRUBBING MATERIAL SY | 653.20 TEMPORARY EROSION MATTING SY | 676.10 DELINEATOR WITH STEEL POST EACH | | | | | | |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | |
| VT ROUTE 105 (CONT.) | | | | | | | | | | | | | | | | | |
| 94+87 | | RT | | | 4 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 95+10 | | RT | | | 3 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 95+11 | 95+83 | RT | | | | | | | | | | | | | | | CONSTRUCT BITUMINOUS GUTTER, SEE DETAIL ON SHEET 18. |
| 98+25 | | RT | | | 5 | 12 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 98+25 | | LT | | | 5 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 100+41 | | RT | | | 4 | 16 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 100+55 | | LT | | | 8 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 102+80 | | LT | | | 5 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 103+15 | | LT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 106+26 | | RT | | | 5 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 107+00 | | RT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 107+00 | | RT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 113+92 | | RT | | | 3 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 114+28 | | RT | | | 9 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 129+87.0 | 133+89.0 | LT | | | | | | | 218 | 25 | 1 | | | | | | INSTALL ANCHOR @ STA. 129+87.0; CONNECT TO EXISTING STEEL BEAM RAIL @ STA. 133+89.0. REPAIR SLOPE EROSION AT 131+57 - 133+53.12. SEE DETAIL ON SHEET 18. |
| TOWN OF RICHFORD SNTH 139 | | | | | | | | | | | | | | | | | |
| 0+00.00 | 96+04.32 | LT&RT | 1 | | | | 14 | 1266 | | 408 | | | | | | | QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER, FOR STRUCTURE LOCATIONS, SEE SHEET 16. SEE DITCH CLEANING DETAIL SHEET 21. |
| 1+46 | | LT | | | 9 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 1+84 | | LT | | | 4 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 5+62 | | RT | | | 11 | 12 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 7+29 | | RT | | | 3 | 12 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 7+95 | | LT | | | 4 | 14 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 8+22 | | LT | | | 4 | 10 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 10+74 | | LT | | | 17 | 16 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 11+48 | | RT | | | 10 | 12 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 11+48 | | LT | | | 19 | 24 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 14+98 | | LT | | | 12 | 20 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 15+26 | | LT | | | 6 | 14 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 15+41 | | LT | | | 6 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 15+59 | | RT | | | 8 | 10 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 6 |
| 15+73 | | LT | | | 5 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE 1 |
| 17+82 | | RT | | | 3 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| SHEET SUBTOTALS: | | | 1 | | 178 | 284 | 14 | 1266 | 218 | 433 | 1 | | | | | | |

**ITEM DETAIL SUMMARY SHEET #4**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss04.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 12 OF 115

# ITEM DETAIL SUMMARY SHEET 5

| LOCATION | | | GUARDRAIL | | | | MISCELLANEOUS | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 621.20 S.B. G.R. GALV. LF | 621.205 S.B. G.R. GALV. 8' POST LF | 621.60 ANCHOR FOR S.B. RAIL EACH | 621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF | 203.15 COMMON EXCAVATION CY | 203.30 EARTH BORROW CY | 301.28 SUBBASE OF CRUSHED GRAV. FINE GRADED TON | 402.13 AGGREGATE SHOULDERS, RAP TON | 604.40 CHAN ELEV OF DI, CB OR MH EACH | 604.412 REHAB DI, CB, OR MH, CLASS I EACH | 604.415 REHAB DI, CB, OR MH, CLASS II EACH | 613.10 STONE FILL, TYPE I CY | 616.28 C-I-P CONC. CURB, TYPE B LF | 616.40 REMOVING AND RESETTING CURB LF | 616.41 REMOVAL OF EXISTING CURB LF | 616.47 BIT. CONC. GUTTERS & ISLANDS TON | |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | | | |
| SNTH 139 (CONT.) | | | | | | | | | | | | | | | | | | | |
| 19+00 | | RT | | | | | 1.1 | | 1.1 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 19+01 | | LT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 20+94 | | LT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+16 | | RT | | | | | 0.7 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+28 | | LT | | | | | 0.6 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+29 | 25+82 | LT | | | | | | | | | | | | | | | | 29.4 | CONSTRUCT BITUMINOUS GUTTER BETWEEN SHOULDER AND FRONT OF SIDEWALK, SEE DETAIL ON SHEET 18. |
| 21+45 | | RT | | | | | 1.6 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 25+87 | | LT | | | | | 0.6 | | 0.7 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 26+27 | | LT | | | | | 1.1 | | 1.2 | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 27+67 | | LT | | | | | 1.1 | | 1.1 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 28+13 | | LT | | | | | 1.6 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 32+52 | | LT | | | | | 0.5 | | 0.5 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 33+15 | | LT | | | | | 0.5 | | 0.5 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 43+81 | | LT | | | | | 1.6 | | 1.6 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 44+58 | | LT | | | | | 2.2 | | 2.1 | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 92+62.0 | 95+67.5 | LT | 329 | | 2 | 300 | | 50 | | | | | | | | | | | INSTALL ANCHOR @ STA. 92+62.0 & STA. 95+67.5. REFER TO REDUCED POST SPACING DETAIL ON SHEET 18. |
| SHEET 9 SUBTOTALS: | | | 908 | - | 4 | 900 | 41.7 | 100 | 42.2 | 397 | 7 | 41 | 10 | 481 | 5.5 | 101 | 5.5 | 48.3 | |
| SHEET 11 SUBTOTALS: | | | 27 | 375 | 1 | 400 | 54.9 | 25 | 55.5 | 200 | 1 | 33 | 9 | 369 | 111 | - | 111 | 6.5 | |
| SHEET 13 SUBTOTALS: | | | 329 | - | 2 | 300 | 14.6 | 50 | 14.8 | - | - | - | - | - | - | - | - | 29.4 | |
| SUBTOTALS | | | 1264 | 375 | 7 | 1600 | 111.2 | 175 | 112.5 | 597 | 8 | 74 | 19 | 850 | 116.5 | - | 116.5 | 84.2 | |
| ROUNDING | | | 11 | 25 | - | - | 3.8 | 25 | 2.5 | 8 | - | - | - | 10 | 3.5 | 4 | 3.5 | 5.8 | |
| TOTALS | | | 1275 | 400 | 7 | 1600 | 115 | 200 | 115 | 605 | 8 | 74 | 19 | 860 | 120 | 105 | 120 | 90 | |

**ITEM DETAIL SUMMARY SHEET #5**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss05.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 13 OF 115

# ITEM DETAIL SUMMARY SHEET 6

| LOCATION | | | MISCELLANEOUS | | | | | | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BEGIN MILE STA. | END MILE STA. | POS. | 617.10 RELOCATE MAILBOX, SINGLE SUPP. EA | 617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA | 618.10 PORTLAND CEMENT CONC. S.W., 5 INCH SY | 618.30 DETECTABLE WARNING SURFACE SF | 619.17 YIELDING MARKER POSTS EACH | 649.31 GEOTEXTILE UNDER STONE FILL SY | 651.40 GRUBBING MATERIAL SY | 653.20 TEMPORARY EROSION MATTING SY | 676.10 DELINEATOR WITH STEEL POST EACH | | | | | | |
| TOWN OF RICHFORD | | | | | | | | | | | | | | | | | |
| SNTH 139 (CONT.) | | | | | | | | | | | | | | | | | |
| 19+00 | | RT | | | 4 | 14 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 19+01 | | LT | | | 2 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 20+94 | | LT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+16 | | RT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+28 | | LT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 21+29 | 25+82 | LT | | | | | | | | | | | | | | | CONSTRUCT BITUMINOUS GUTTER BETWEEN SHOULDER AND FRONT OF SIDEWALK, SEE DETAIL ON SHEET 18. |
| 21+45 | | RT | | | 5 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 25+87 | | LT | | | 2 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 26+27 | | LT | | | 4 | 12 | | | | | | | | | | | CONSTRUCT SIDEWALK LANDING AND INSTALL DETECTABLE WARNING SURFACE |
| 27+67 | | LT | | | 4 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 28+13 | | LT | | | 5 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 32+52 | | LT | | | 2 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 33+15 | | LT | | | 2 | 8 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 43+81 | | LT | | | 5 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 44+58 | | LT | | | 7 | 6 | | | | | | | | | | | CONSTRUCT SIDEWALK RAMP, TYPE I |
| 92+62.0 | 95+67.5 | LT | | | | | | | | 50 | 2 | | | | | | INSTALL ANCHOR @ STA. 92+62.0 & STA. 95+67.5. REFER TO REDUCED POST SPACING DETAIL ON SHEET 18. |
| SHEET 10 SUBTOTALS: | | | 11 | 1 | 139 | 174 | 15 | 2166 | - | 983 | 4 | | | | | | |
| SHEET 12 SUBTOTALS: | | | 1 | - | 178 | 284 | 14 | 1266 | 218 | 433 | 1 | | | | | | |
| SHEET 14 SUBTOTALS: | | | - | - | 48 | 104 | - | - | - | 50 | 2 | | | | | | |
| SUBTOTALS | | | 12 | - | 365 | 562 | 29 | 3432 | - | 1466 | 7 | | | | | | |
| ROUNDING | | | - | - | 5 | 8 | - | 18 | 7 | 34 | - | | | | | | |
| TOTALS | | | 12 | 1 | 370 | 570 | 29 | 3450 | 225 | 1500 | 7 | | | | | | |

**ITEM DETAIL SUMMARY SHEET #6**

PROJECT NAME: ENOSBURG - RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312idss06.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 14 OF 115

| STATION | POSITION | QUANTITY (SY) |
|---|---|---|
| **ENOSBURG VT ROUTE 105** | | |
| 24+80 | RT | 10 |
| 25+49 | RT | 6 |
| 26+21 | RT | 7 |
| 26+90 | RT | 9 |
| 27+48 | RT | 19 |
| 27+67 | LT | 33 |
| 29+53 | RT | 26 |
| 30+56 | LT | 22 |
| 30+57 | RT | 28 |
| 31+31 | RT | 14 |
| 32+06 | LT | 15 |
| 36+98 | RT | 8 |
| 37+00 | LT | 62 |
| 37+54 | RT | 9 |
| 38+07 | RT | 7 |
| 38+60 | RT | 27 |
| 39+29 | LT | 10 |
| 39+91 | LT | 11 |
| 41+34 | LT | 44 |
| 41+71 | RT | 18 |
| 42+50 | LT | 24 |
| 42+69 | RT | 65 |
| 44+31 | RT | 16 |
| 50+70 | RT | 15 |
| 52+15 | RT | 14 |
| 53+54 | RT | 89 |
| 54+84 | LT | 9 |
| 54+98 | RT | 18 |
| 55+68 | LT | 9 |
| 55+82 | RT | 9 |
| 56+38 | LT | 8 |
| 56+77 | RT | 8 |
| 57+16 | LT | 10 |
| 57+48 | RT | 9 |
| 58+12 | LT | 11 |
| 58+16 | RT | 6 |
| 58+82 | RT | 9 |
| 58+85 | LT | 16 |
| 59+63 | RT | 7 |
| 60+56 | LT | 13 |
| 61+22 | RT | 8 |
| 61+77 | LT | 16 |
| 62+12 | RT | 7 |
| 62+60 | LT | 13 |
| 63+08 | LT | 15 |
| 64+68 | RT | 15 |
| 65+12 | LT | 11 |
| 66+10 | LT | 7 |
| 66+60 | LT | 12 |
| 67+73 | LT | 38 |
| 69+00 | LT | 20 |
| 69+70 | LT | 19 |
| 70+36 | LT | 13 |
| 71+00 | LT | 10 |
| 71+72 | LT | 7 |
| 72+46 | LT | 22 |
| 73+19 | LT | 22 |
| 75+29 | RT | 65 |
| 75+64 | LT | 71 |
| 77+00 | LT | 57 |
| 78+62 | LT | 29 |
| SUBTOTAL | | 1227 |
| **ENOSBURG VT ROUTE 108** | | |
| 240+10 | LT | 3 |
| 241+95 | LT | 11 |
| 243+10 | LT | 11 |
| 243+90 | RT | 17 |
| 244+23 | LT | 17 |
| 249+47 | LT | 7 |
| 253+52 | LT | 2 |
| 254+05 | LT | 12 |
| 254+28 | RT | 4 |
| 255+16 | RT | 9 |
| 255+67 | RT | 9 |
| 255+79 | LT | 11 |
| 256+39 | RT | 9 |
| 256+78 | RT | 27 |
| 257+98 | RT | 7 |
| 258+14 | RT | 8 |
| 259+46 | LT | 19 |
| 261+10 | LT | 19 |

| STATION | POSITION | QUANTITY (SY) |
|---|---|---|
| **ENOSBURG VT ROUTE 108 (CONT.)** | | |
| 261+29 | RT | 16 |
| 261+72 | LT | 20 |
| 262+46 | LT | 16 |
| 263+16 | LT | 13 |
| 263+92 | LT | 14 |
| 265+29 | LT | 15 |
| 266+46 | LT | 25 |
| 271+08 | LT | 10 |
| 271+58 | LT | 10 |
| 272+72 | LT | 18 |
| 273+02 | RT | 13 |
| 274+59 | RT | 12 |
| 274+93 | LT | 12 |
| 275+89 | RT | 10 |
| 276+32 | LT | 9 |
| 277+57 | RT | 16 |
| 278+07 | LT | 18 |
| 278+85 | RT | 12 |
| 279+85 | LT | 13 |
| 280+31 | RT | 22 |
| 281+13 | LT | 14 |
| 281+18 | RT | 11 |
| 282+23 | LT | 13 |
| 282+60 | RT | 11 |
| 283+46 | RT | 13 |
| 284+24 | LT | 24 |
| 284+35 | RT | 14 |
| 285+21 | RT | 9 |
| 286+91 | RT | 23 |
| 289+35 | RT | 20 |
| 289+77 | RT | 11 |
| 290+54 | RT | 12 |
| 293+35 | LT | 41 |
| 293+82 | RT | 7 |
| 295+04 | LT | 14 |
| 298+71 | RT | 12 |
| 299+16 | LT | 15 |
| 304+10 | LT | 8 |
| 304+19 | RT | 3 |
| 306+41 | RT | 4 |
| 307+37 | LT | 34 |
| 307+82 | RT | 5 |
| 311+37 | RT | 3 |
| SUBTOTAL | | 817 |
| **RICHFORD VT ROUTE 105** | | |
| 81+43 | LT | 114 |
| 83+05 | LT | 8 |
| 83+95 | RT | 21 |
| 86+14 | LT | 7 |
| 86+75 | LT | 8 |
| 86+76 | RT | 68 |
| 87+28 | LT | 8 |
| 88+38 | RT | 23 |
| 89+29 | LT | 9 |
| 90+07 | LT | 10 |
| 93+08 | RT | 16 |
| 94+12 | LT | 10 |
| 95+40 | LT | 10 |
| 96+43 | LT | 17 |
| 97+93 | LT | 14 |
| 110+94 | LT | 51 |
| 112+66 | LT | 82 |
| 114+05 | LT | 46 |
| 117+45 | RT | 23 |
| 118+50 | RT | 21 |
| 119+54 | RT | 8 |
| 120+28 | LT | 20 |
| 121+00 | RT | 43 |
| 121+24 | LT | 14 |
| 122+40 | LT | 16 |
| 124+09 | RT | 12 |
| 124+26 | LT | 36 |
| 124+85 | RT | 22 |
| 125+06 | LT | 16 |
| 125+45 | RT | 20 |
| 126+28 | RT | 8 |
| 126+86 | LT | 11 |
| 127+36 | LT | 14 |
| 127+80 | RT | 14 |
| 131+05 | RT | 40 |
| SUBTOTAL | | 860 |

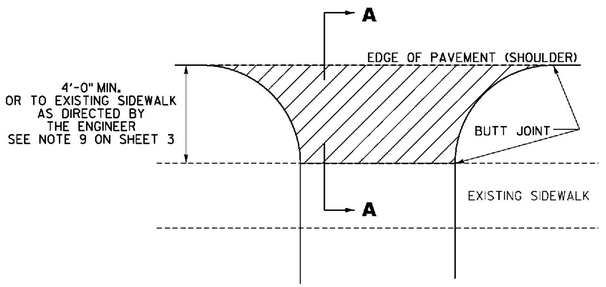
| STATION | POSITION | QUANTITY (SY) |
|---|---|---|
| **RICHFORD SNTH 139** | | |
| 3+13 | LT | 61 |
| 4+57 | LT | 33 |
| 5+23 | LT | 7 |
| 5+88 | LT | 10 |
| 9+68 | LT | 55 |
| 11+68 | LT | 25 |
| 29+39 | RT | 16 |
| 30+59 | RT | 29 |
| 31+36 | RT | 32 |
| 32+80 | RT | 6 |
| 33+66 | RT | 16 |
| 36+59 | RT | 8 |
| 37+67 | RT | 10 |
| 38+77 | RT | 8 |
| 38+98 | RT | 11 |
| 39+74 | RT | 8 |
| 40+40 | RT | 13 |
| 41+28 | RT | 12 |
| 41+73 | RT | 8 |
| 42+56 | RT | 8 |
| 43+78 | RT | 10 |
| 44+50 | RT | 8 |
| 46+82 | LT | 42 |
| 50+13 | RT | 9 |
| 50+98 | RT | 11 |
| 51+85 | RT | 6 |
| 52+81 | RT | 15 |
| 54+00 | LT | 36 |
| 56+05 | RT | 20 |
| 58+97 | RT | 24 |
| 66+89 | RT | 22 |
| 71+96 | RT | 15 |
| 74+91 | RT | 7 |
| 78+88 | RT | 13 |
| 80+67 | RT | 10 |
| 80+85 | LT | 6 |
| 84+22 | RT | 3 |
| 84+30 | LT | 15 |
| 88+34 | RT | 15 |
| 89+77 | LT | 17 |
| 90+71 | RT | 19 |
| SUBTOTAL | | 699 |
| | | |
| | **ENOSBURG** | |
| VT ROUTE 105 | | 1227 |
| VT ROUTE 108 | | 817 |
| | | |
| | **RICHFORD** | |
| VT ROUTE 105 | | 860 |
| SNTH 139 | | 699 |
| | | |
| SUBTOTAL | | 3603 |
| ROUNDING | | 37 |
| TOTAL | | 3640 |

## NOTES:

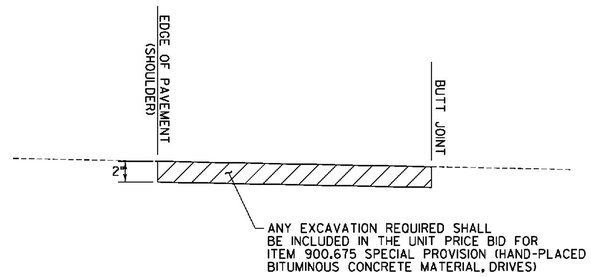
1. PAVING LIFT SHALL BE A MINIMUM OF 1 1/2 " AND A MAXIMUM OF 2".
2. ALL DRIVES SHALL RECEIVE A PAVED APRON TO THE SIDEWALK AS DIRECTED BY THE ENGINEER.
3. THE COST OF PROVIDING AND PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND 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).
4. 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).
5. EXISTING CURB AND CONCRETE APRONS WITHIN DRIVES SHALL BE REMOVED AND PAVED WITH ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). REMOVAL OF CURB, CONCRETE, AND ANY EXCAVATION AND SUBBASE FOR GRADING WILL NOT BE PAID SEPARATELY, BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

## LEGEND

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

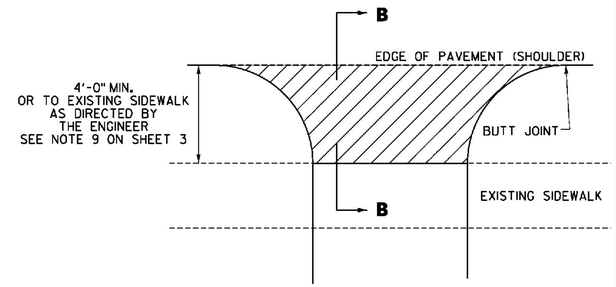



**PLAN**

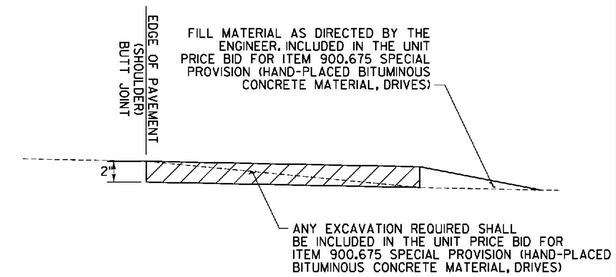



**SECTION A–A**

**HANDWORK DETAILS FOR PAVED DRIVES**

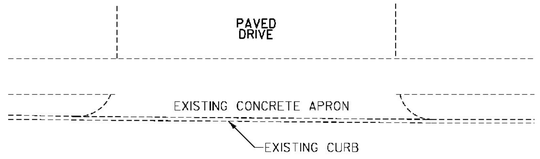



**PLAN**




**SECTION B–B**

**HANDWORK DETAILS FOR GRAVEL DRIVES**




SEE NOTE 5

## DRIVE WITH EXISTING CURB AND/OR CONCRETE APRON DETAIL

| ENOSBURG: VT ROUTE 105 | | ENOSBURG: VT ROUTE 108 | RICHFORD: SNTH ROUTE 139 |
|---|---|---|---|
| 37+54, RT | 58+82, RT | 256+39, RT | 23+25, LT |
| 54+84, LT | 58+85, LT | 256+78, RT | 24+14, LT |
| 55+68, LT | 59+63, RT | 259+46, LT | |
| 55+82, RT | 60+56, LT | | |
| 56+38, LT | 61+22, RT | | |
| 56+77, RT | 61+77, LT | | |
| 57+16, LT | 62+12, RT | | |
| 57+48, RT | 62+60, LT | | |
| 58+12, LT | 63+08, LT | | |
| 58+16, RT | 64+68, RT | | |

NOT TO SCALE

Stantec

**DRIVE DETAIL SHEET**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312ds.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE

## EXISTING CULVERT INVENTORY TABLE
(FOR INFORMATION ONLY)

| STATION | CULVERT SIZE | CULVERT MATERIAL | COMMENT |
|---|---|---|---|
| **ENOSBURG** | | | |
| **VT ROUTE 108** | | | |
| 269+26 | 11' X 11' | CONC. BOX | BR 51 |
| 286+20 | 4' X 4' | CONC. BOX | |
| 296+84 | 16" | CGMP | |
| 306+60 | 24" | CPEP | |
| 310+19 | 18" | CGMP | |
| **RICHFORD** | | | |
| **SNTH 139** | | | |
| 68+87 | 18" | CGMP | |
| 75+37 | 24" | CGMP | |
| 88+20 | 32" | CPEP | |
| 95+25 | 15" | CGMP | |
| | | | |

## CHANGING ELEVATION OF DI's, CB's, OR MANHOLES
(ITEM 604.40)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 33+05 | RT | DMH |
| 36+94 | RT | DMH |
| 45+44 | RT | DMH |
| 49+95 | RT | DMH |
| 52+54 | CL | DMH |
| **VT ROUTE 108** | | |
| 255+43 | LT | DMH |
| 288+30 | RT | DMH |
| **RICHFORD** | | |
| **SNTH 139** | | |
| 67+90 | LT | MH |

## MISCELLANEOUS STRUCTURES
(TO BE ADJUSTED BY OTHERS)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 37+09 | LT | MONITORING WELL |
| 37+11 | LT | MONITORING WELL |
| 53+29 | RT | MONITORING WELL |
| **RICHFORD** | | |
| **SNTH 139** | | |
| 8+57 | RT | MONITORING WELL |
| 8+90 | RT | MONITORING WELL |
| 91+82 | LT | ELECTRICAL MH |

## NATURAL GAS SHUTOFF VALVES
(TO BE ADJUSTED BY OTHERS)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 45+73 | LT | GSO |
| 47+61 | LT | GSO |
| 48+70 | LT | GSO |
| 50+08 | LT | GSO |
| 50+08 | LT | GSO |
| 50+09 | LT | GSO |
| 50+66 | LT | GSO |
| 50+66 | LT | GSO |
| 50+96 | LT | GSO |
| 51+71 | LT | GSO |
| 51+72 | LT | GSO |
| 52+62 | LT | GSO |
| 54+48 | LT | GSO |
| 72+60 | RT | GSO |
| 73+47 | RT | GSO |
| 73+51 | RT | GSO |
| 73+51 | RT | GSO |
| 73+55 | RT | GSO |
| **VT ROUTE 108** | | |
| 253+38 | LT | GSO |

## REHAB. DI'S, CB'S or MH'S, CLASS I OR II
(ITEM 604.412 OR 604.415)
(SEE DETAIL ON SHEET 18)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 32+70 | RT | DI |
| 37+33 | LT | DI |
| 40+10 | RT | DI |
| 40+32 | LT | DI |
| 40+40 | RT | DI |
| 42+49 | LT | DI |
| 42+71 | RT | DI |
| 43+94 | LT | DI |
| 45+29 | RT | DI |
| 45+40 | LT | DI |
| 45+67 | RT | DI |
| 47+96 | RT | DI |
| 51+95 | RT | DI |
| 51+97 | LT | DI |
| 53+02 | RT | DI |
| 54+06 | LT | DI |
| 54+45 | LT | DI |
| 65+12 | RT | DI |
| 66+12 | LT | DI |
| 67+24 | RT | DI |
| 68+78 | LT | DI |
| **VT ROUTE 108** | | |
| 249+02 | LT | DI |
| 249+86 | RT | DI |
| 252+88 | RT | DI |
| 253+72 | LT | DI |
| 255+41 | LT | DI |
| 255+43 | RT | DI |
| 257+77 | LT | DI |
| 258+75 | RT | DI |
| 260+83 | LT | DI |
| 261+33 | LT | DI |
| 275+12 | RT | DI |
| **RICHFORD** | | |
| **VT ROUTE 105** | | |
| 87+60 | RT | DI |
| 92+17 | RT | DI |
| 93+66 | LT | DI |
| 94+88 | RT | DI |
| 95+17 | LT | DI |
| 95+19 | RT | DI |
| 103+54 | LT | DI |
| 103+57 | RT | DI |
| 104+87 | RT | DI |
| 105+35 | RT | DI |
| 106+22 | RT | DI |
| 106+30 | LT | DI |
| 106+63 | RT | DI |
| 106+93 | RT | DI |
| 106+99 | RT | DI |
| 113+17 | RT | DI |
| 113+91 | RT | DI |
| 114+20 | RT | DI |
| 118+09 | RT | DI |
| **SNTH 139** | | |
| 0+63 | LT | DI |
| 5+06 | LT | DI |
| 5+26 | LT | DI |
| 6+66 | LT | DI |
| 6+76 | RT | DI |
| 7+79 | LT | DI |
| 8+31 | LT | DI |
| 8+45 | RT | DI |
| 10+34 | LT | DI |
| 10+46 | LT | DI |
| 10+70 | LT | DI |
| 11+92 | RT | DI |
| 11+93 | LT | DI |
| 13+01 | RT | DI |
| 13+02 | LT | DI |
| 13+45 | RT | DI |
| 13+45 | LT | DI |
| 14+34 | RT | DI |
| 14+35 | LT | DI |
| 14+67 | RT | DI |
| 15+39 | LT | DI |
| 15+65 | RT | DI |
| 15+72 | LT | DI |
| 18+07 | RT | DI |
| 18+25 | LT | DI |

## REHAB. DI'S, CB'S or MH'S, CLASS I OR II
(ITEM 604.412 OR 604.415)
(SEE DETAIL ON SHEET 18)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **RICHFORD** | | |
| **SNTH 139 (CONT.)** | | |
| 21+53 | LT | DI |
| 21+54 | RT | DI |
| 25+77 | LT | DI |
| 26+36 | RT | DI |
| 26+61 | LT | DI |
| 32+74 | RT | DI |
| 33+09 | LT | DI |
| 33+80 | RT | DI |
| 34+90 | RT | DI |
| 35+40 | RT | DI |
| 36+65 | LT | DI |
| 37+51 | RT | DI |
| 38+60 | RT | DI |
| 40+21 | RT | DI |
| 46+08 | RT | DI |
| 52+60 | LT | DI |
| 53+57 | RT | THROAT DI (SEE DETAIL ON SHEET 18) |
| | | |

## CHANGING ELEVATION OF SEWER MANHOLES
(ITEM 604.42)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 33+15 | LT | SMH |
| 35+00 | LT | SMH |
| 37+02 | RT | SMH |
| 40+36 | RT | MH (UNKNOWN) |
| 40+36 | RT | SMH |
| 42+85 | RT | SMH |
| 45+35 | RT | SMH |
| 47+40 | RT | SMH |
| 50+08 | RT | SMH |
| 52+46 | RT | SMH |
| 53+91 | RT | SMH |
| 54+35 | RT | SMH |
| 59+38 | RT | SMH |
| 63+70 | LT | SMH |
| 67+78 | CL | SMH |
| 72+13 | LT | SMH |
| 80+10 | RT | SMH |
| 80+46 | LT | SMH |
| **VT ROUTE 108** | | |
| 253+08 | LT | SMH |
| 253+12 | LT | SMH |
| 253+60 | CL | MH (UNKNOWN) |
| 253+66 | RT | MH (UNKNOWN) |
| 253+80 | RT | SMH |
| 253+87 | RT | SMH |
| 255+67 | RT | SMH |
| 257+08 | RT | SMH |
| 285+31 | RT | SMH |
| 293+90 | RT | SMH |
| **RICHFORD** | | |
| **VT ROUTE 105** | | |
| 82+04 | LT | SMH |
| 84+61 | LT | SMH |
| 103+08 | LT | SMH |
| 106+23 | RT | SMH (PAVED OVER) |
| 106+25 | LT | SMH (PAVED OVER) |
| 114+04 | RT | SMH |
| **SNTH 139** | | |
| 7+42 | LT | SMH |
| 7+42 | RT | SMH |
| 10+15 | RT | SMH |
| 10+87 | RT | SMH |
| 11+58 | LT | SMH |
| 15+51 | LT | SMH |
| 15+67 | LT | SMH |
| 17+92 | LT | SMH |
| 21+28 | LT | SMH |
| 33+15 | LT | SMH |
| 34+85 | LT | SMH |
| 38+02 | LT | MH (UNKNOWN) |
| 41+16 | LT | SMH |
| 46+33 | LT | SMH |
| 48+65 | LT | MH (UNKNOWN) |
| 51+42 | LT | SMH |

## ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **ENOSBURG** | | |
| **VT ROUTE 105** | | |
| 24+63 | RT | WSO |
| 25+94 | RT | WSO |
| 27+14 | RT | WSO |
| 27+17 | RT | WSO |
| 40+00 | LT | WSO |
| 40+13 | LT | WSO |
| 40+18 | LT | WSO |
| 40+23 | LT | WSO |
| 42+24 | LT | WSO |
| 43+24 | LT | WSO |
| 45+57 | LT | WSO |
| 45+60 | LT | WSO |
| 45+62 | LT | WSO |
| 48+00 | RT | WSO |
| 48+03 | LT | WSO |
| 49+85 | LT | WSO |
| 49+87 | LT | WSO |
| 49+89 | LT | WSO |
| 50+91 | LT | WSO |
| 52+63 | LT | WSO |
| 52+65 | RT | WSO |
| 52+66 | LT | WSO |
| 52+68 | LT | WSO |
| 53+57 | LT | WSO |
| 54+18 | LT | WSO |
| 54+38 | LT | WSO |
| 58+12 | RT | WSO |
| 58+27 | RT | WSO |
| 68+85 | LT | WSO |
| 72+05 | RT | WSO |
| 72+45 | RT | WSO |
| 72+45 | RT | WSO |
| 72+50 | RT | WSO |
| 72+50 | RT | WSO |
| 72+55 | RT | WSO |
| 72+55 | RT | WSO |
| 80+28 | LT | WSO |
| **VT ROUTE 108** | | |
| 253+18 | LT | WSO |
| 253+21 | LT | WSO |
| 253+23 | LT | WSO |
| 253+24 | LT | WSO |
| 261+23 | LT | WSO |
| 282+52 | LT | WSO |
| **RICHFORD** | | |
| **VT ROUTE 105** | | |
| 84+03 | RT | WSO |
| 84+52 | RT | WSO |
| 84+55 | RT | WSO |
| 87+72 | RT | WSO |
| 88+18 | RT | WSO |
| 88+20 | RT | WSO |
| 88+21 | RT | WSO |
| 90+18 | RT | WSO |
| 90+20 | RT | WSO |
| 90+24 | RT | WSO |
| 95+09 | RT | WSO |
| 95+14 | RT | WSO |
| 99+57 | LT | WSO |
| 99+80 | LT | WSO |
| 100+54 | RT | WSO |
| 102+10 | LT | WSO |
| 102+88 | RT | WSO |
| 102+91 | RT | WSO |
| 102+95 | RT | WSO |
| 106+84 | RT | WSO |
| 106+88 | RT | WSO |
| 114+13 | RT | WSO |
| 127+93 | RT | WSO |
| **SNTH 139** | | |
| 4+37 | LT | WSO |

## ADJUST ELEVATION OF VALVE BOX
(ITEM 629.20)

| STATION | POSITION | DESCRIPTION |
|---|---|---|
| **RICHFORD** | | |
| **SNTH 139 (CONT.)** | | |
| 4+50 | LT | WSO |
| 4+90 | RT | WSO |
| 5+98 | RT | WSO |
| 6+05 | RT | WSO |
| 7+21 | RT | WSO (PAVED OVER) |
| 7+55 | RT | WSO |
| 7+95 | RT | WSO |
| 8+72 | LT | WSO |
| 9+86 | LT | WSO |
| 10+48 | LT | WSO |
| 10+50 | LT | WSO |
| 10+67 | LT | WSO |
| 10+67 | RT | WSO |
| 11+03 | RT | WSO |
| 11+41 | LT | WSO |
| 12+99 | LT | WSO |
| 13+01 | LT | WSO |
| 13+03 | LT | WSO |
| 15+09 | LT | WSO |
| 15+13 | LT | WSO |
| 15+26 | LT | WSO |
| 15+57 | RT | WSO |
| 15+69 | RT | WSO |
| 15+78 | RT | WSO |
| 17+75 | RT | WSO |
| 17+91 | RT | WSO |
| 17+95 | RT | WSO |
| 18+25 | RT | WSO |
| 19+62 | RT | WSO |
| 21+38 | RT | WSO |
| 26+08 | RT | WSO |
| 26+56 | RT | WSO |
| 27+98 | RT | WSO |
| 31+92 | RT | WSO |
| 32+01 | RT | WSO |
| 32+95 | RT | WSO |
| 34+98 | RT | WSO |
| 35+00 | RT | WSO |
| 35+04 | RT | WSO |
| 35+19 | RT | WSO |
| 35+28 | RT | WSO |
| 39+91 | RT | WSO |
| 43+88 | RT | WSO |
| 43+95 | RT | WSO |
| 46+22 | RT | WSO |
| 47+08 | RT | WSO |
| 48+04 | RT | WSO |
| 48+10 | RT | WSO |
| 48+12 | RT | WSO |
| 53+80 | LT | WSO (PAVED OVER) |
| 90+56 | LT | WSO |

• SEE SPREADSHEETS ON 604.412, 604.415, 604.40, 404.42

NOT TO SCALE

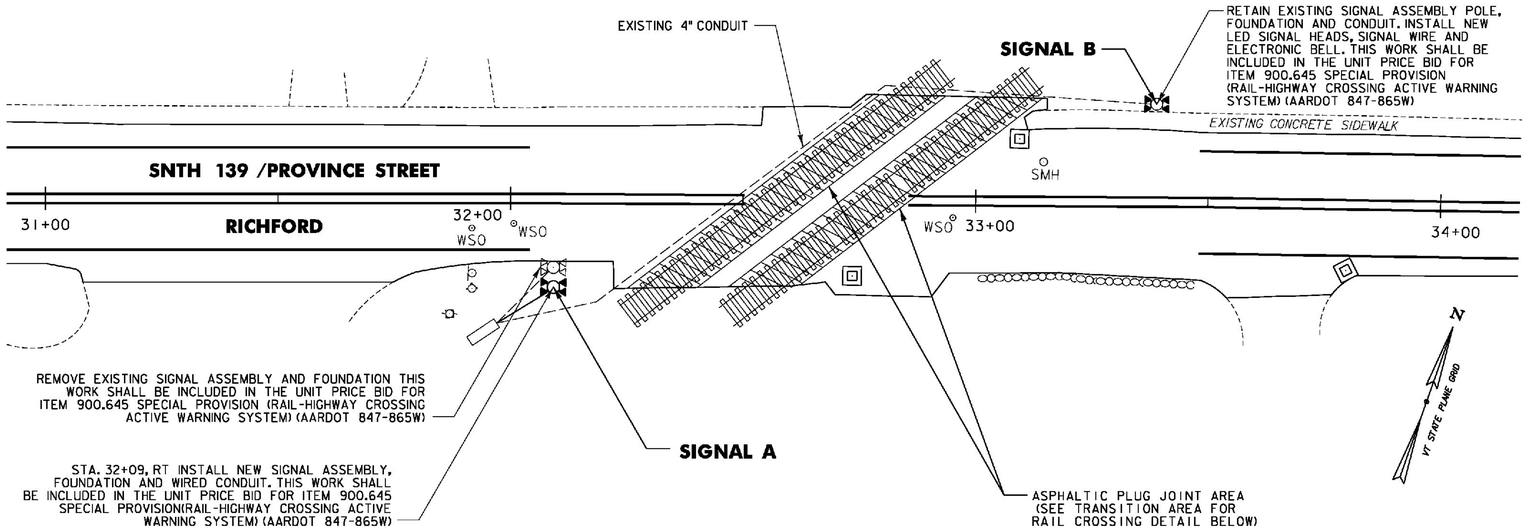
Stantec

# CULVERT & STRUCTURE INVENTORY SHEET

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

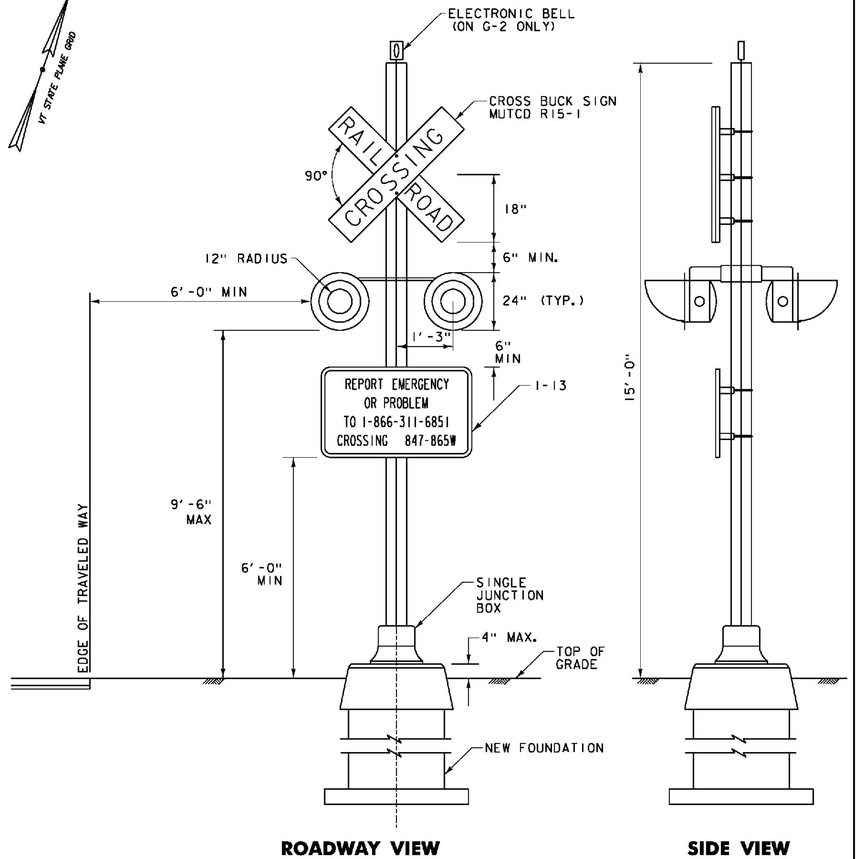
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312csd.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 16 OF 115



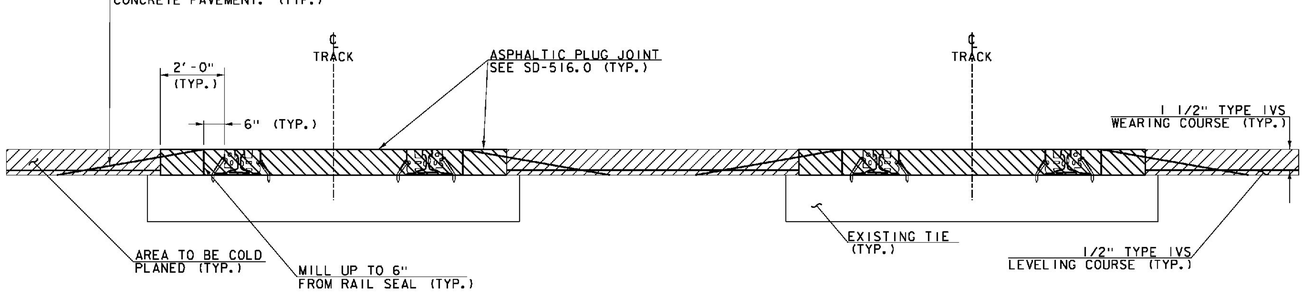

**SIGNAL LAYOUT**
**SNTH 139 CROSSING AARDOT #847-865W**

| ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 847-865W) SNTH 139 STA. 32+68 | | |
|---|---|---|
| QUANTITY | UNIT | DESCRIPTION |
| 1 | EA | REMOVE EXISTING SIGNAL ASSEMBLY (SIGNAL A) |
| 1 | EA | SIGNAL ASSEMBLY (SIGNAL A) |
| 20 | LF | WIRED CONDUIT (SIGNAL A) |
| 180 | LF | SIGNAL WIRE (SIGNAL B) |
| 8 | EA | 12" LED RAILROAD SIGNAL HEAD (SIGNALS A & B) |
| 1 | EA | ELECTRONIC WARNING BELL (SIGNAL B) |




**ROADWAY VIEW** **SIDE VIEW**

**SIGNAL A ASSEMBLY**
NOT TO SCALE

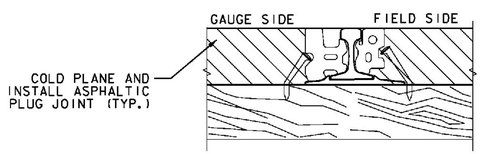



**TRANSITION AREA FOR RAIL CROSSING**

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.

**NOTES – AARDOT #847-865W**

1. INSTALL NEW COMMERCIAL FLANGEWAY RAIL SEAL MATERIAL
2. COLD PLANE UP TO, AND IN BETWEEN THE EXISTING RAILS.
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 ARE INCIDENTAL TO ITEM 900.640 SPECIAL PROVISION (RUBBER RAIL SEAL).
6. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10.
7. 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.




**RAIL-SEAL TYPICAL**

NOT TO SCALE

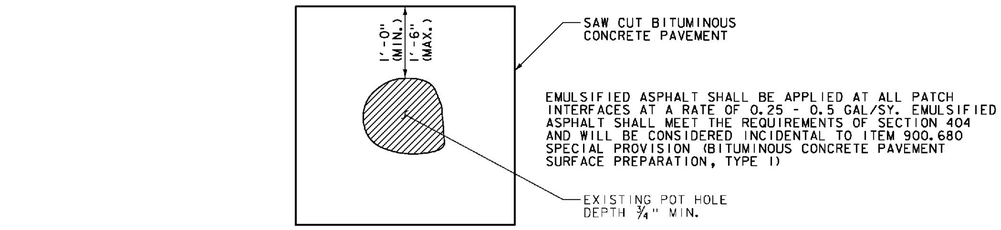
**AARDOT #847-865W**

**RAILROAD CROSSING DETAIL SHEET**

Stantec

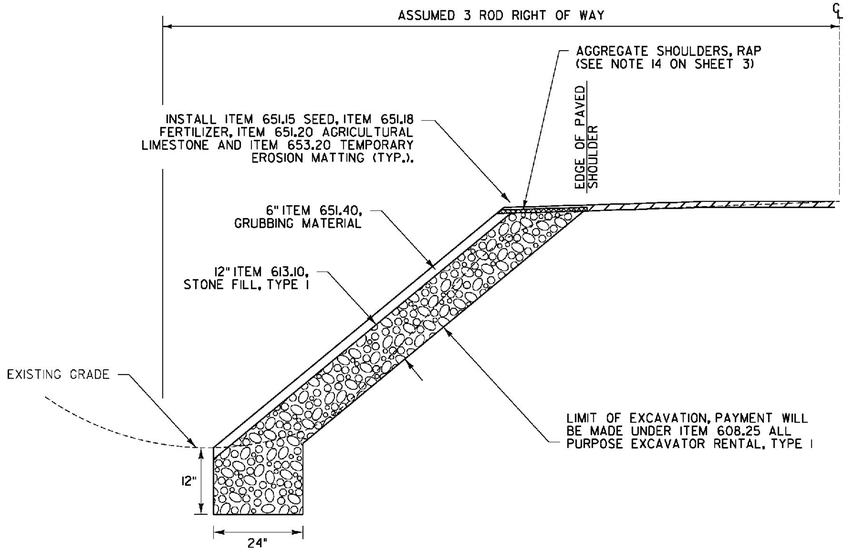
PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312rcd.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 17 OF 115




**TYPICAL – POT HOLE REPAIR**

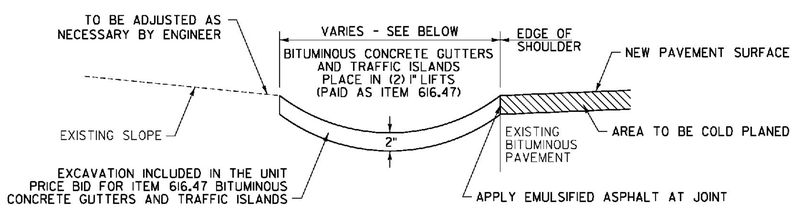
SEE NOTE 2 ON SHEET 3.




**SLOPE EROSION PREVENTION DETAIL**

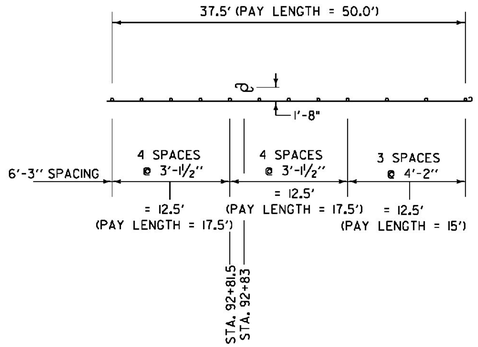
NOTE: ALL WORK SHALL BE CONSTRUCTED WITHIN THE EXISTING ROADWAY RIGHT OF WAY.

RICHFORD VT ROUTE 105 STA. 131+57 TO 133+53.12, LT




**BITUMINOUS CONCRETE GUTTER DETAIL – COLD PLANE**

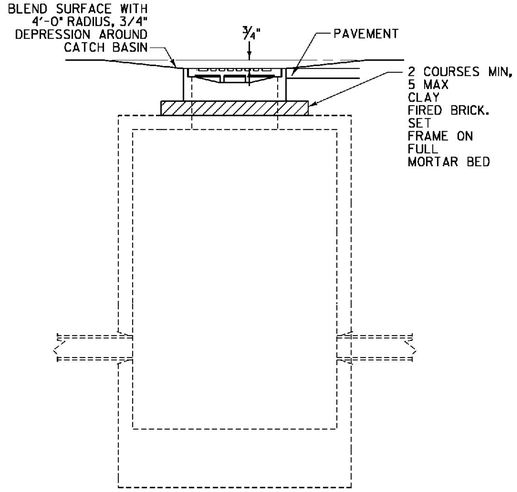
RICHFORD VT ROUTE 105 STA. 84+84 TO 88+03, LT (WIDTH VARIES)
RICHFORD VT ROUTE 105 STA. 90+33 TO 92+18, RT (WIDTH VARIES)
RICHFORD VT ROUTE 105 STA. 90+81 TO 93+68, LT (4' WIDE)
RICHFORD VT ROUTE 105 STA. 95+11 TO 95+83, RT (WIDTH VARIES)
RICHFORD SNTH 139 STA. 21+29 TO 25+82, LT (5' WIDE)




**REDUCED GUARDRAIL POST SPACING DETAIL #1**

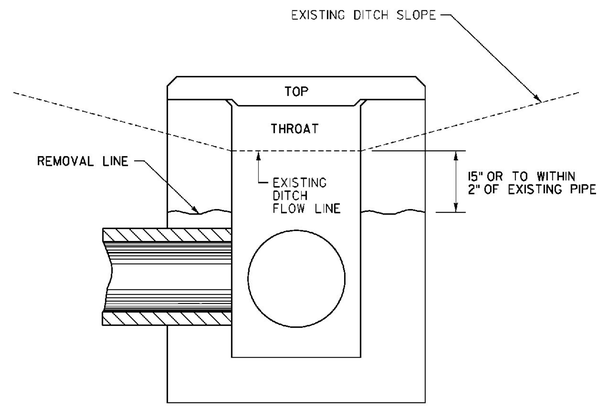
LOCATION:

RICHFORD SNTH 139 STA. 92+83, LT - CONCRETE SIGNAL POLE

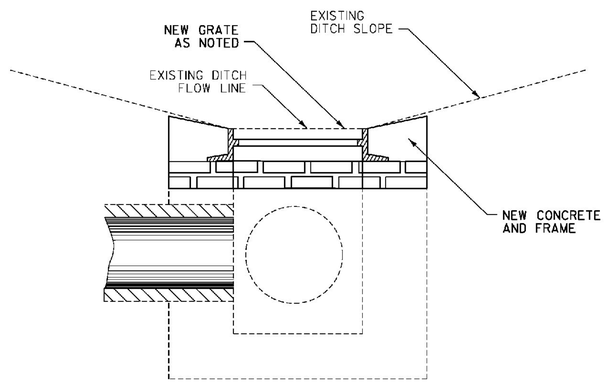



**REHAB. DI'S, CB'S, & MH'S DETAIL**

(ITEMS 604.412 AND 604.415 IN PAVEMENT AREAS)




**THROAT D.I. TOP REMOVAL**




**NEW D.I. TOP PLACEMENT**

**THROAT DI REHAB DETAIL**

RICHFORD SNTH 139 STA. 53+57, RT

NOTES:

1. REMOVE THROAT DROP INLET TOPS, PEDESTALS AND DROP INLET WALLS TO ACCOMMODATE NEW BRICKS, D.I. COVERS, FRAMES AND GRATES TO MAINTAIN EXISTING DITCH FLOW LINES (SEE VAOT STANDARD D-8 FOR EXISTING D.I. DETAILS).
2. REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING DITCH FLOW LINE.
3. SEE VAOT STANDARDS D-6 FOR CONCRETE TOP DETAIL AND D-16 FOR GRATE DETAIL.
4. ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS SHALL BE PAID FOR UNDER ITEM 604.412 OR ITEM 604.415.

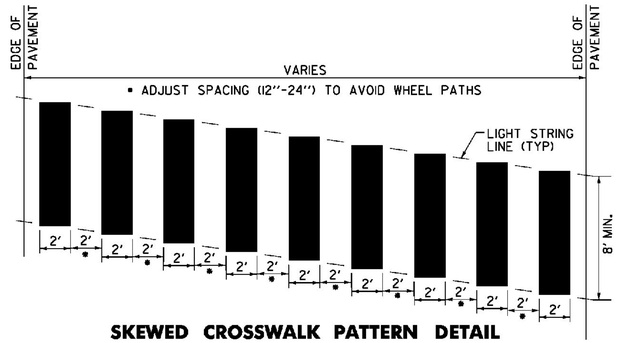
NOT TO SCALE

Stantec

**MISCELLANEOUS DETAIL SHEET #1**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

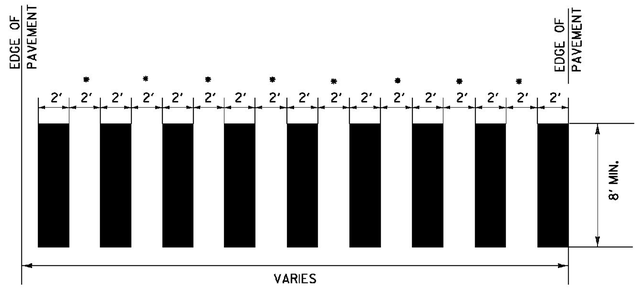
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312md01.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 18 OF 115




## SKEWED CROSSWALK PATTERN DETAIL

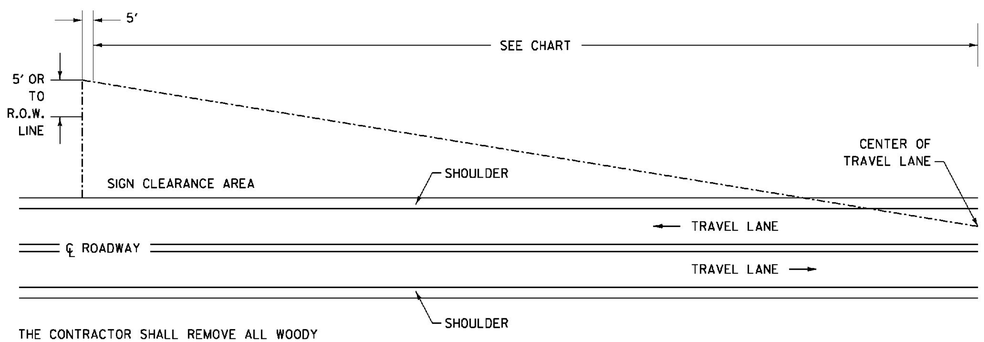
• MAY VARY WITH 11' OR 12' LANE

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.



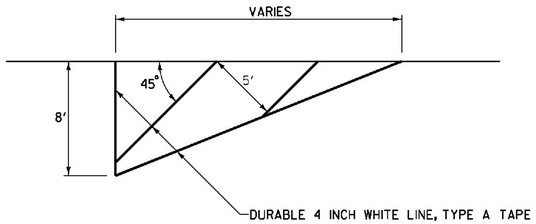

THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS, TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL OR AT LEAST 10 FEET BELOW THE BOTTOM OF THE SIGN. PAYMENT WILL BE FOR THINNING AND TRIMMING FOR SIGNS, ITEM 201.31, AND PAID FOR PER EACH. NO CHEMICALS (POISONS OR DEFOLIANTS) ALLOWED.

## CLEARING LIMITS FOR SIGNS ON CONVENTIONAL ROADS

RICHFORD VT ROUTE 105:
STA. 99+24, LT
STA. 131+01, LT
RICHFORD SNTH 139:
STA. 4+00, LT
STA. 6+32, LT
STA. 7+41, LT

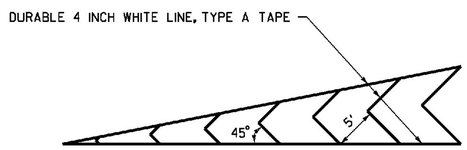
MINIMUM SIGN SIGHT DISTANCE CHART

| APPROACH SPEED (mph) | SIGHT DISTANCE (feet) |
|---|---|
| 30 OR LESS | 300 |
| 35 | 350 |
| 40 | 400 |
| 45 | 450 |
| 50 | 500 |
| 55 | 550 |



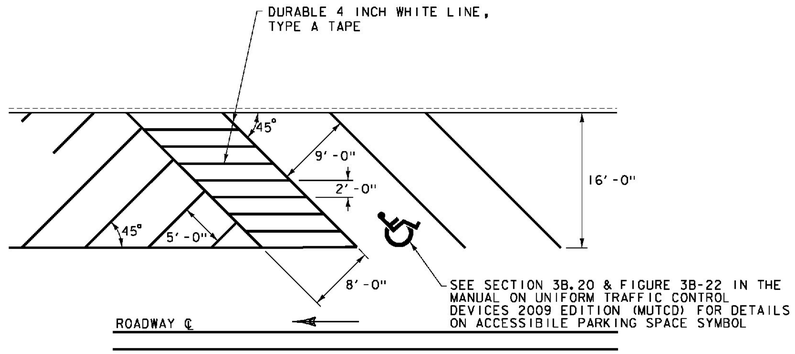

## "NO PARKING" PAVEMENT MARKING DETAIL

SEE LAYOUT SHEETS FOR LOCATIONS.

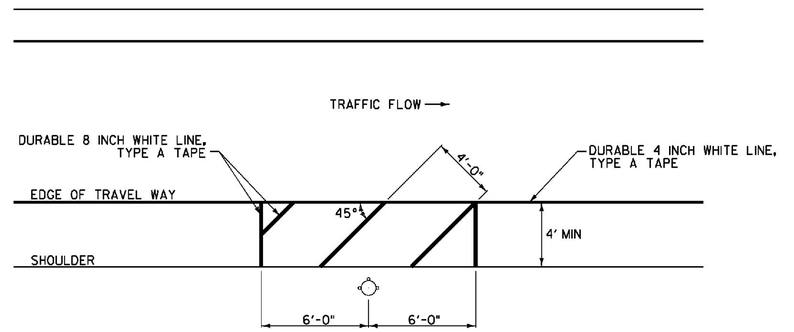



## GORE MARKING DETAIL

RICHFORD SNTH 139 STA. 91+03 TO 91+31, LT
RICHFORD SNTH 139 STA. 91+68 TO 91+97, LT




## DIAGONAL PARKING DETAIL




## FIRE HYDRANT PAVEMENT MARKING DETAIL

ENOSBURG VT ROUTE 105:
STA. 25+95, RT
STA. 38+13, RT
STA. 53+91, LT
STA. 56+53, LT
STA. 58+75, LT
STA. 61+62, LT
STA. 64+11, LT
STA. 68+16, LT
RICHFORD VT ROUTE 105:
STA. 109+04, RT
RICHFORD SNTH 139:
STA. 26+55, RT
STA. 39+92, 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

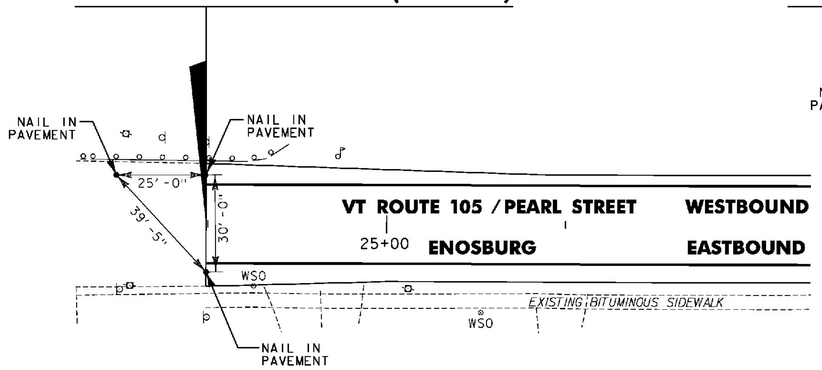
Stantec

**MISCELLANEOUS DETAIL SHEET #2**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

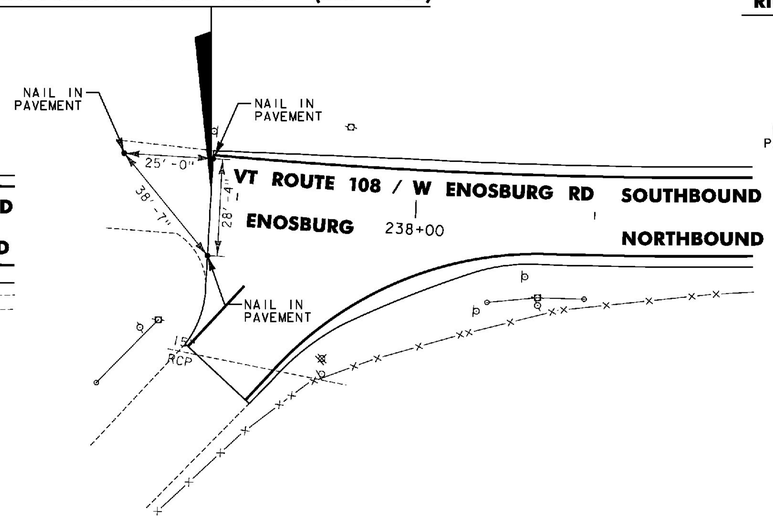
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312md02.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 19 OF 115

**BEGIN STP 2939(1) VT ROUTE 105**
**ENOSBURG STA. 24+49.92 = (MM 0.464)**



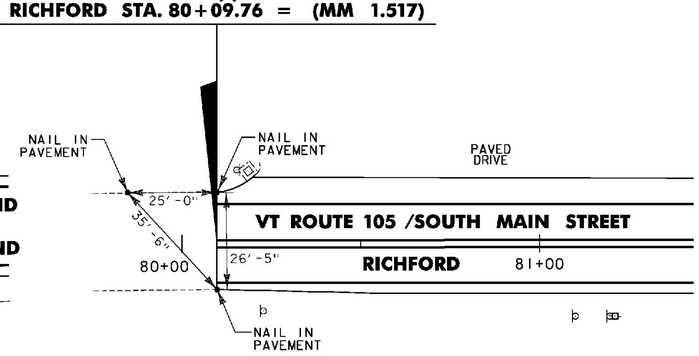

**VT ROUTE 105 ENOSBURG BEGIN PROJECT LOCATION TIES**

**BEGIN STP 2939(1) VT ROUTE 108**
**ENOSBURG STA. 237+44.16 = (MM 4.497)**



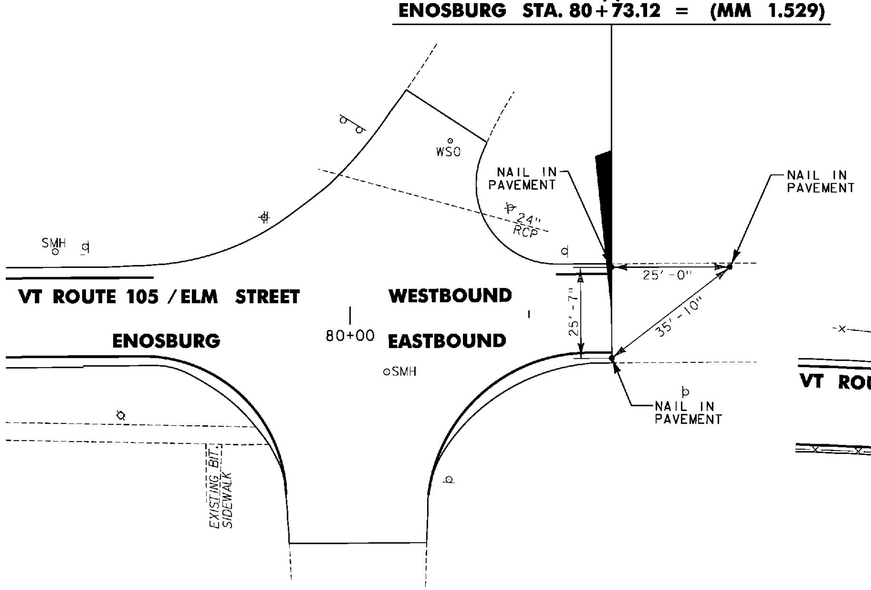

**VT ROUTE 108 ENOSBURG BEGIN PROJECT LOCATION TIES**

**BEGIN STP 2939(1) VT ROUTE 105**
**RICHFORD STA. 80+09.76 = (MM 1.517)**



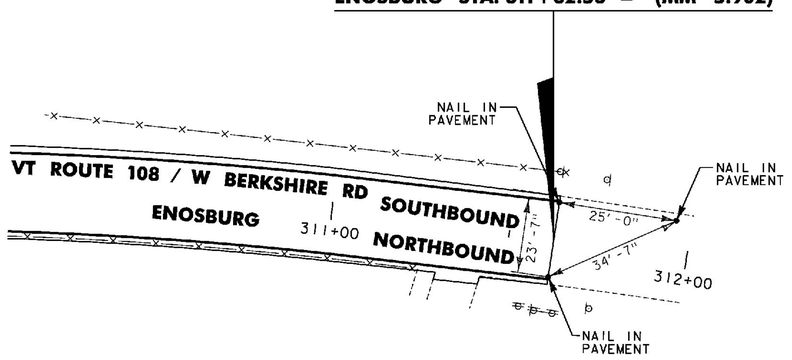

**VT ROUTE 105 RICHFORD BEGIN PROJECT LOCATION TIES**

**END STP 2939(1) VT ROUTE 105**
**ENOSBURG STA. 80+73.12 = (MM 1.529)**



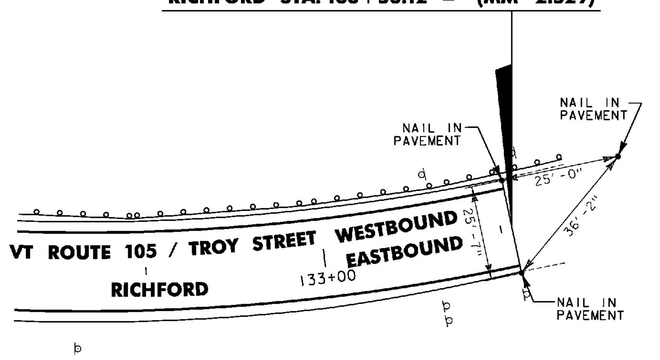

**VT ROUTE 105 ENOSBURG END PROJECT LOCATION TIES**

**END STP 2939(1) VT ROUTE 108**
**ENOSBURG STA. 311+62.56 = (MM 5.902)**




**VT ROUTE 108 ENOSBURG END PROJECT LOCATION TIES**

**END STP 2939(1) VT ROUTE 105**
**RICHFORD STA. 133+53.12 = (MM 2.529)**




**VT ROUTE 105 RICHFORD END PROJECT LOCATION TIES**

NOT TO SCALE

Stantec

**MISCELLANEOUS DETAIL SHEET #3**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

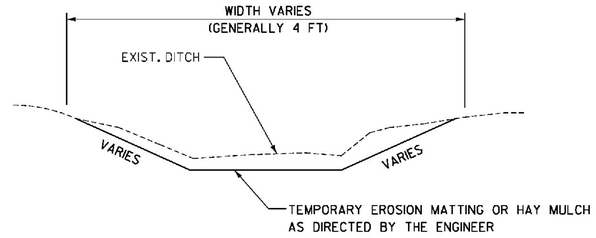
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312md03.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 20 OF 115

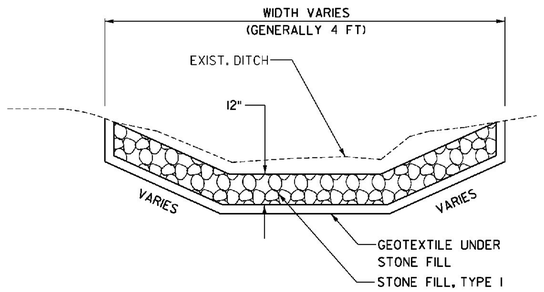
| LOCATION | | | | FEET OF DITCHING | | MISCELLANEOUS ITEMS | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 613.10 | 649.31 | 651.15 | 653.20 | |
| SITE | STATION | STATION | POS. | PERCENT GRADE | | STONE FILL, TYPE I | GEOT. UNDER STONE FILL | SEED | TEMP. EROS. MATT. | |
| | | | | 0-2.5 | ≥2.5 | | | | | |
| ENOSBURG | | | | | | CY | SY | LB | SY | |
| VT ROUTE 105 | | | | | | | | | | |
| 1 | 78+95 | 79+91 | LT | | 96 | 14 | 64 | | | |
| VT ROUTE 108 | | | | | | | | | | |
| 2 | 259+50 | 261+10 | RT | | 160 | 24 | 107 | | | |
| 3 | 261+50 | 264+50 | RT | | 300 | 44 | 200 | | | |
| 4 | 270+00 | 272+85 | RT | | 285 | 42 | 190 | | | |
| 5 | 270+75 | 270+90 | LT | | 15 | 2 | 10 | | | |
| 6 | 271+20 | 271+45 | LT | | 25 | 4 | 17 | | | |
| 7 | 271+70 | 272+50 | LT | | 80 | 12 | 53 | | | |
| 8 | 272+90 | 274+80 | LT | | 190 | 28 | 127 | | | |
| 9 | 273+15 | 274+40 | RT | | 125 | 19 | 83 | | | |
| 10 | 275+10 | 276+20 | LT | | 110 | 16 | 73 | | | |
| 11 | 276+45 | 277+85 | LT | | 140 | 21 | 93 | | | |
| 12 | 278+30 | 279+70 | LT | | 140 | 21 | 93 | | | |
| 13 | 280+00 | 280+95 | LT | 95 | | | | 1 | 42 | |
| 14 | 281+30 | 282+05 | LT | 75 | | | | 1 | 33 | |
| 15 | 282+40 | 284+00 | LT | 160 | | | | 1 | 71 | |
| 16 | 284+50 | 292+90 | LT | 840 | | | | 6 | 373 | |
| 17 | 293+80 | 294+85 | LT | 105 | | | | 1 | 47 | |
| 18 | 295+20 | 299+00 | LT | | 380 | 56 | 253 | | | |
| 19 | 299+35 | 303+90 | LT | | 455 | 67 | 303 | | | |
| 20 | 304+30 | 306+95 | LT | | 265 | 39 | 177 | | | |
| RICHFORD | | | | | | | | | | |
| VT ROUTE 105 | | | | | | | | | | |
| 21 | 80+09.76 | 83+70 | RT | | 360 | 53 | 240 | | | |
| 22 | 84+25 | 85+50 | RT | | 125 | 19 | 83 | | | |
| 23 | 117+00 | 119+50 | LT | 250 | | | | 2 | 111 | |
| 24 | 128+06 | 130+75 | RT | 269 | | | | 2 | 120 | |
| 25 | 131+60 | 133+53.12 | RT | 193 | | | | 1 | 86 | |
| SNTH 139 | | | | | | | | | | |
| 26 | 56+30 | 58+60 | RT | | 230 | 34 | 153 | | | |
| 27 | 59+25 | 66+00 | RT | | 675 | 100 | 450 | | | |
| 28 | 67+25 | 68+75 | RT | | 150 | 22 | 100 | | | |
| 29 | 68+75 | 71+80 | RT | 305 | | | | 2 | 136 | |
| 30 | 72+10 | 74+70 | RT | 260 | | | | 2 | 116 | |
| 31 | 75+10 | 78+60 | RT | 350 | | | | 3 | 156 | |
| 32 | 79+10 | 80+50 | RT | | 140 | 21 | 93 | | | |
| SUBTOTALS | | | | 2902 | 4293 | 658 | 2962 | 22 | 1291 | |

| 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 | | | | | |
| RICHFORD | | | | | | CY | SY | LB | SY | |
| SNTH 139 (CONT.) | | | | | | | | | | |
| 33 | 80+80 | 84+10 | RT | | 330 | 49 | 220 | | | |
| 34 | 84+35 | 88+10 | RT | | 375 | 56 | 250 | | | |
| SUBTOTALS | | | | | 705 | 105 | 470 | | | |
| TOTALS | | | | 2902 | 4932 | 763* | 3432* | 22 | 1291* | |

*TOTALS CARRIED FORWARD TO THE ITEM DETAIL SUMMARY SHEETS (SEE SHEETS 9-14)




**DITCH DETAIL 0 – 2.5 PERCENT**




**DITCH DETAIL ≥ 2.5 PERCENT**

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. 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. GRADES 2.5 PERCENT OR GREATER SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

Stantec

**DITCH CLEANING DETAIL SHEET**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312dcs.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 21 OF 115

ADJUST ELEVATION OF VALVE BOX
STA. 24+63, RT
STA. 25+94, RT
STA. 27+14, RT
STA. 27+17, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 24+49.92 TO 30+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 24+49.92 TO 30+00, SOLID LT & RT

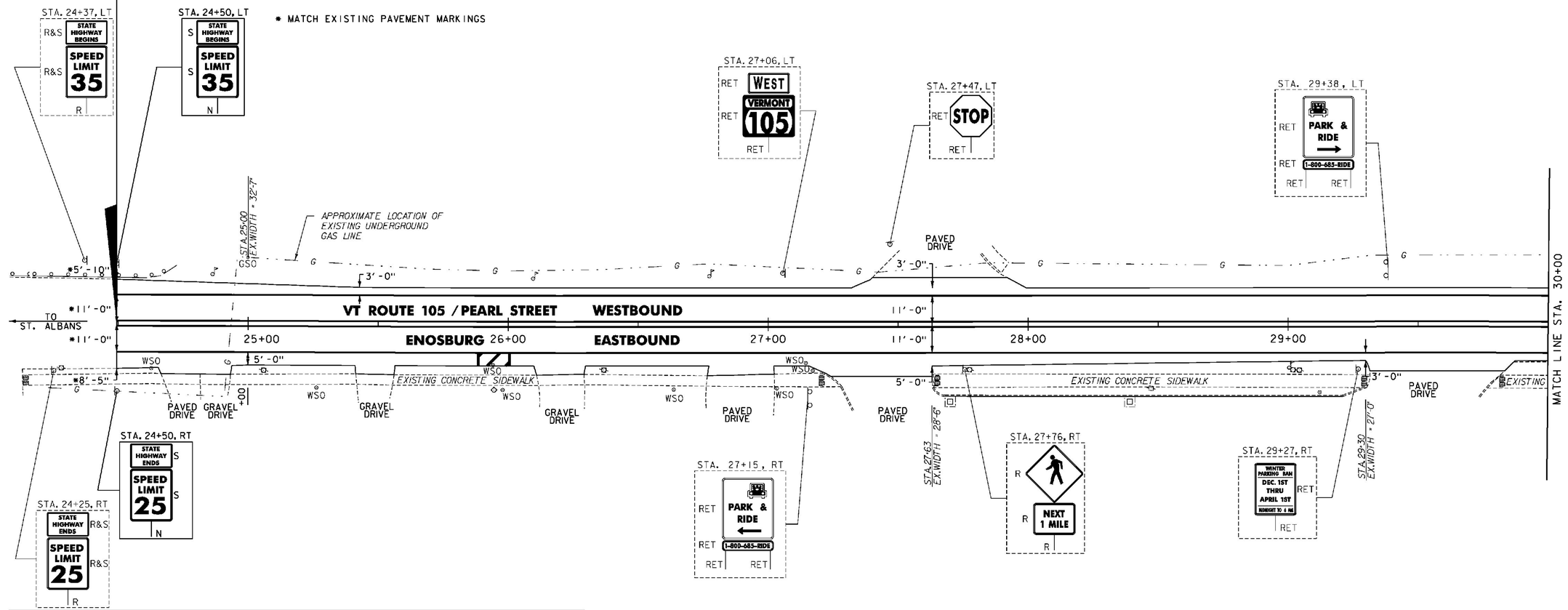
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 25+89 TO 26+01, SOLID RT (HYDRANT)
SEE SHEET 19

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 4

**BEGIN STP 2939(1) VT ROUTE 105**
**ENOSBURG STA. 24+49.92 = (MM 0.464)**

* MATCH EXISTING PAVEMENT MARKINGS




GENERAL LEGEND

- = EXISTING LIGHT POLE
- = EXISTING TREE
- = EXISTING DRAINAGE INLET
- = PROPOSED DRAINAGE INLET
- = EXISTING BRIDGE SCUPPER
- = EXISTING UTILITY POLE
- UT = EXISTING UNDERGROUND TELEPHONE
- G = EXISTING UNDERGROUND GAS LINE
- = EXISTING GUY WIRE
- CT = EXISTING CONTROLLER
- = EXISTING PIPE
- = EXISTING HEADWALL
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- = EXISTING TRAFFIC SIGNAL
- = EXISTING HYDRANT
- TMH = EXISTING TELEPHONE MANHOLE
- SMH = EXISTING SEWER MANHOLE
- WSO = EXISTING WATER SHUTOFF
- GSO = EXISTING GAS SHUTOFF
- MW = EXISTING MONITORING WELL
- MH = EXISTING MANHOLE
- EMH = EXISTING ELECTRIC MANHOLE
- DMH = EXISTING DRAINAGE MANHOLE
- = EXISTING MAILBOX
- = SINGLE SIGN POST - SINGLE SIGN
- = SINGLE SIGN POST - MULTIPLE SIGNS
- = DOUBLE SIGN POST
- = EXISTING RAILROAD
- = EXISTING FENCE
- = EXISTING STONE WALL
- = EXISTING TRUNCATED DOMES
- = PROPOSED TRUNCATED DOMES

NOTES:

1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

SIGN LEGEND

| | |
|---|---|
| N | = NEW |
| R | = REMOVE |
| R&S | = REMOVE & SALVAGE |
| S | = SALVAGE SIGN |
| RET | = RETAIN |
| B-B | = BACK TO BACK |
| R① | = REMOVE AND RETURN TO TOWN |

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #1**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312I01.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 22 OF 115

REHAB, DIs, CBs OR MHs, CLASS I OR II
STA. 32+70, RT
STA. 33+05, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 33+15, LT
STA. 35+00, LT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 34+16, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 32+86, LT

DETECTABLE WARNING SURFACE
STA. 32+86, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 30+00 TO 35+00, SOLID LT & RT
STA. 33+05, SOLID RT (EDGELINES, CHURCH ST.)

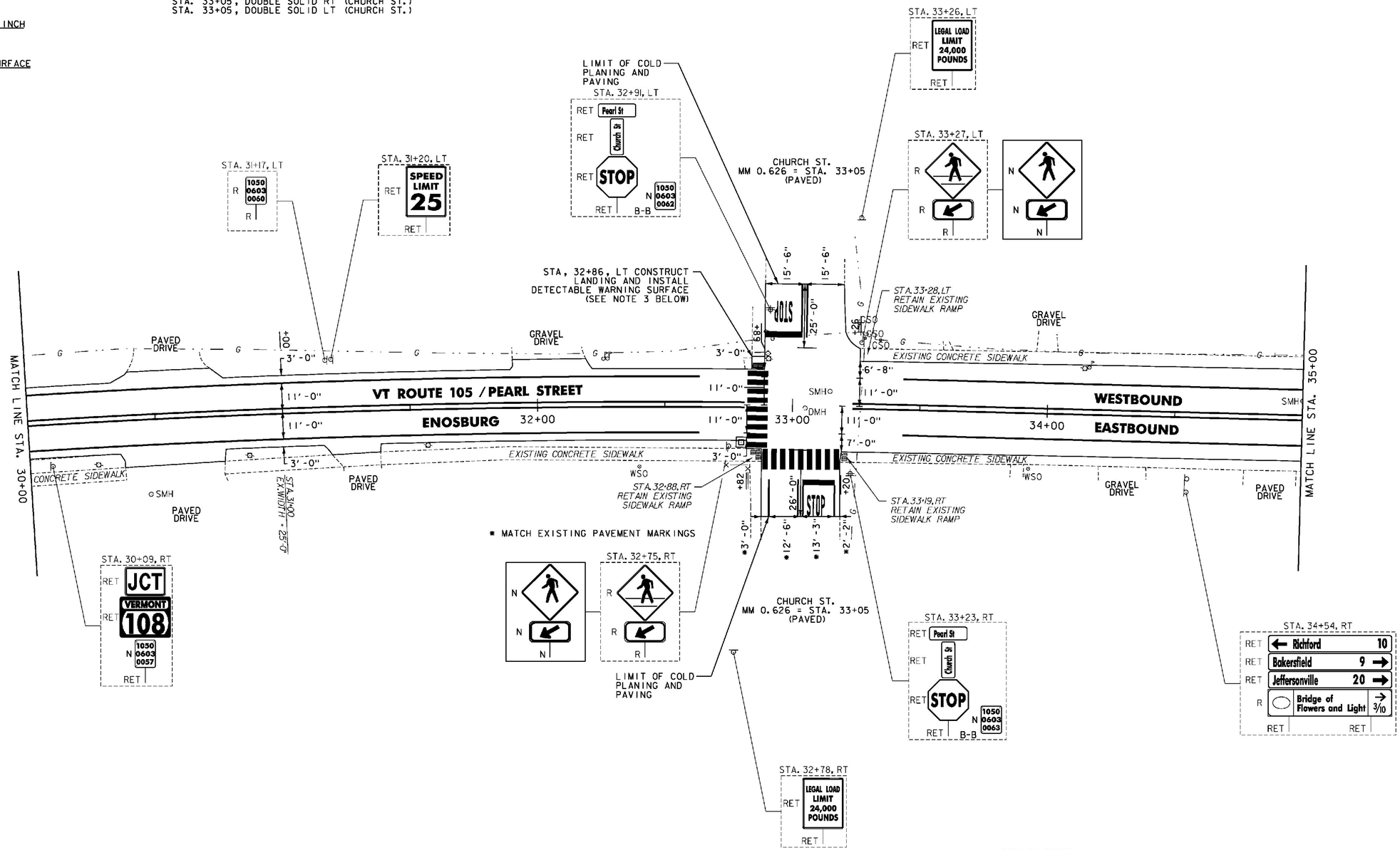
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE & BREAKS FOR SIDE ROADS)
STA. 30+00 TO 35+00, SOLID LT & RT
STA. 33+05, DOUBLE SOLID RT (CHURCH ST.)
STA. 33+05, DOUBLE SOLID LT (CHURCH ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 33+05, RT (CHURCH ST.)
STA. 33+05, LT (CHURCH ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 33+05, RT "STOP" (CHURCH ST.)
STA. 33+05, LT "STOP" (CHURCH ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 32+88, LT TO RT
STA. 33+05, RT (CHURCH ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 6




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #2**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312102.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 23 OF 115

CHANGING ELEVATION OF DIs, CBs OR MHs
VT ROUTE 105
STA. 36+94, RT

REHAB, DIs, CBs OR MHs, CLASS I OR II
VT ROUTE 105
STA. 37+33, LT
VT ROUTE 108
STA. 257+77, LT
STA. 258+75, RT

CHANGING ELEVATION OF SEWER MANHOLES
VT ROUTE 105
STA. 37+02, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
VT ROUTE 105
STA. 35+00 TO 36+60, SOLID LT & RT
STA. 36+92 TO 39+50, SOLID RT
STA. 37+32 TO 39+50, SOLID LT
VT ROUTE 108
STA. 257+50 TO 258+64, SOLID LT
STA. 257+50 TO 258+79, SOLID RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
VT ROUTE 105
STA. 35+00 TO 36+56, SOLID LT & RT
STA. 37+12 TO 39+50, SOLID LT & RT
VT ROUTE 108
STA. 257+50 TO 258+59, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
VT ROUTE 105
STA. 38+13 TO 38+19, SOLID RT (HYDRANT)
SEE SHEET 19

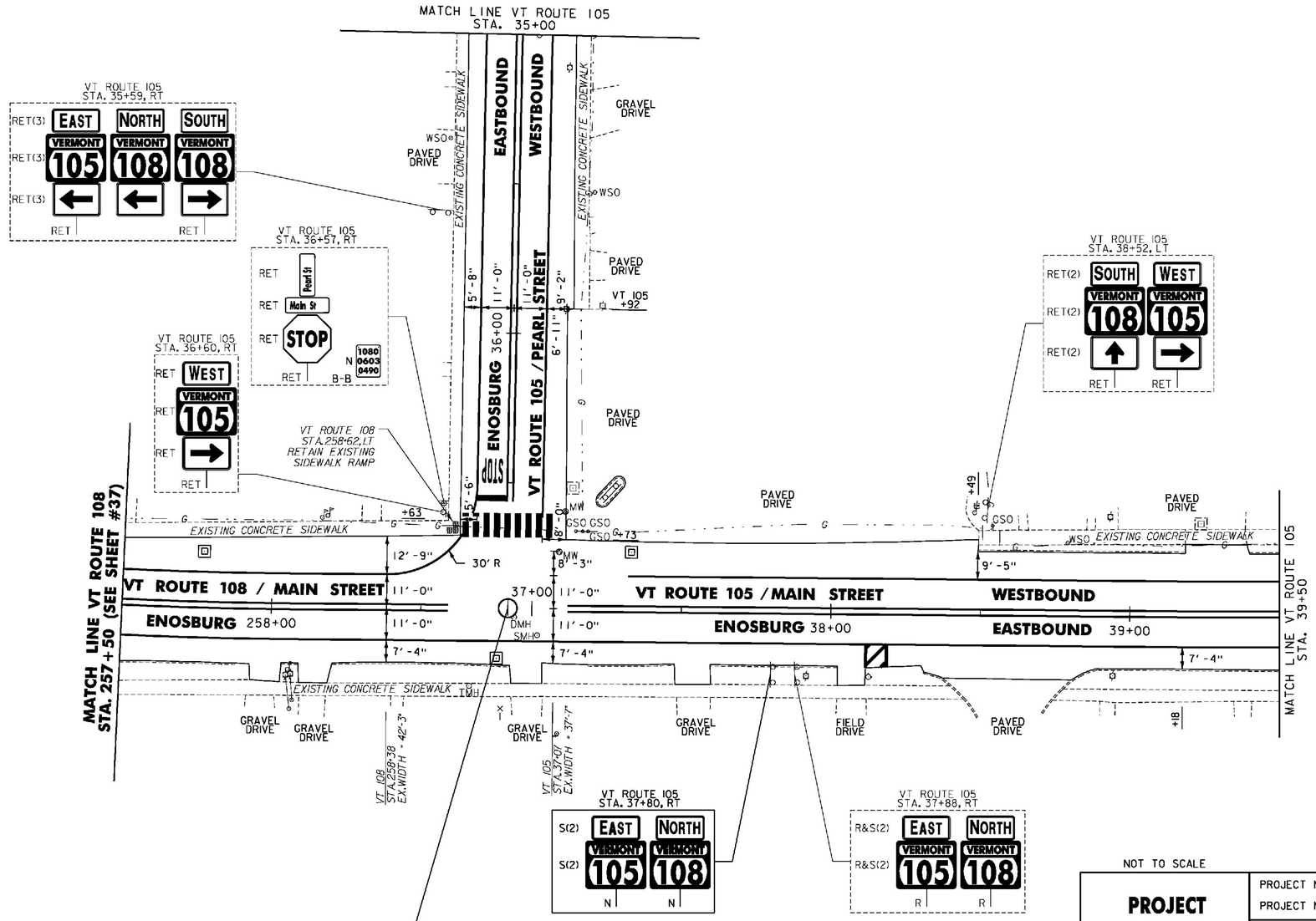
DURABLE & TEMPORARY 24 INCH STOP BAR
VT ROUTE 105
STA. 36+55, RT

DURABLE & TEMPORARY LETTER OR SYMBOL
VT ROUTE 105
STA. 36+46, RT "STOP"

DURABLE & TEMPORARY CROSSWALK MARKING
VT ROUTE 105
STA. 36+64, LT TO RT
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 4

ERECTING SALVAGED SIGNS
AS SHOWN - 4




**VT ROUTE 105 ENOSBURG STA. 36+92.00 (MM 0.700) =**
**VT ROUTE 108 ENOSBURG STA. 258+79.00 (MM 4.901)**

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #3**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i03.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 24 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 40+10, RT
STA. 40+32, LT
STA. 40+40, RT
STA. 42+49, LT
STA. 42+71, RT
STA. 43+94, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 40+36, RT (MH UNKNOWN)
STA. 40+36, RT
STA. 42+85, RT

ADJUST ELEVATION OF VALVE BOX
STA. 40+00, LT
STA. 40+13, LT
STA. 40+18, LT
STA. 40+23, LT
STA. 42+24, LT
STA. 43+24, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 39+50 TO 44+00, SOLID LT & RT
STA. 40+22, SOLID RT (EDGELINES, DICKINSON AVE.)
STA. 40+45 TO 44+00, SOLID RT (PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 42+82 TO 44+00, SOLID LT (PARKING SPACES & DIAGONALS)

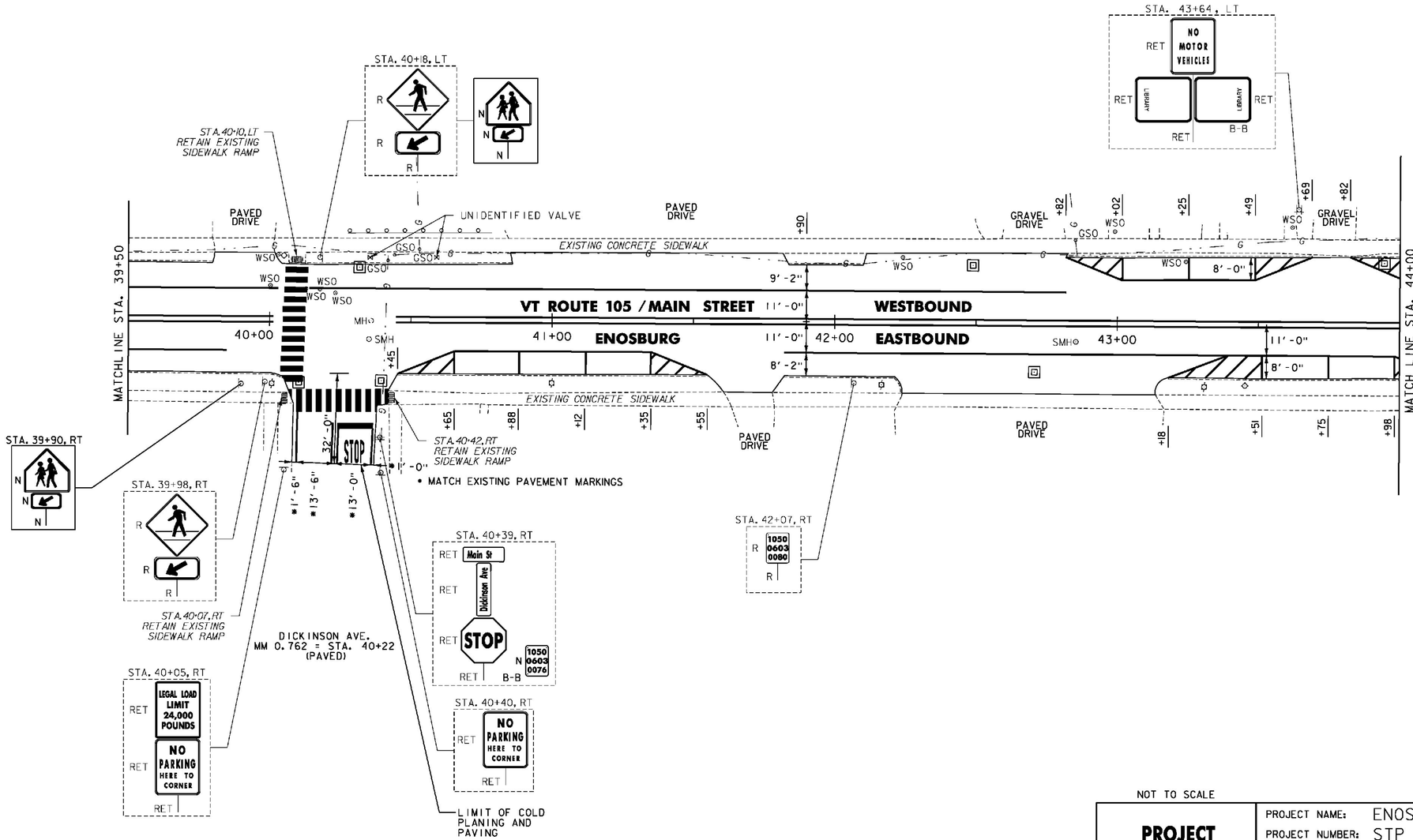
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 39+50 TO 44+00, SOLID LT & RT
STA. 40+22, DOUBLE SOLID RT (DICKINSON AVE.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 40+22, RT (DICKINSON AVE.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 40+22, RT "STOP" (DICKINSON AVE.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 40+04, RT TO 40+10, LT
STA. 40+22, RT (DICKINSON AVE.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 5




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #4**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312104.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 25 OF 115

CHANGING ELEVATION OF DIs, CBs OR MHs
STA. 45+44, RT

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 45+29, RT
STA. 45+40, LT
STA. 45+67, RT
STA. 47+96, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 45+35, RT
STA. 47+40, RT

REMOVING AND RESETTING CURB
STA. 45+17, LT
STA. 45+72, LT
STA. 45+72, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5INCH
STA. 45+17, RT
STA. 45+17, LT
STA. 45+72, LT
STA. 45+72, RT
STA. 48+01, RT

DETECTABLE WARNING SURFACE
STA. 45+72, LT
STA. 45+72, RT
STA. 48+01, RT

ADJUST ELEVATION OF VALVE BOX
STA. 45+57, LT
STA. 45+60, LT
STA. 45+62, LT
STA. 48+00, RT
STA. 48+03, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 44+00 TO 49+00, SOLID LT & RT
STA. 44+00 TO 49+00, SOLID LT & RT
(PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 45+48, RT (EDGELINES, SCHOOL ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 44+00 TO 49+00, SOLID LT & RT
STA. 45+48, DOUBLE SOLID RT (SCHOOL ST.)
STA. 47+84, DOUBLE SOLID RT (MISSISQUOI ST.)

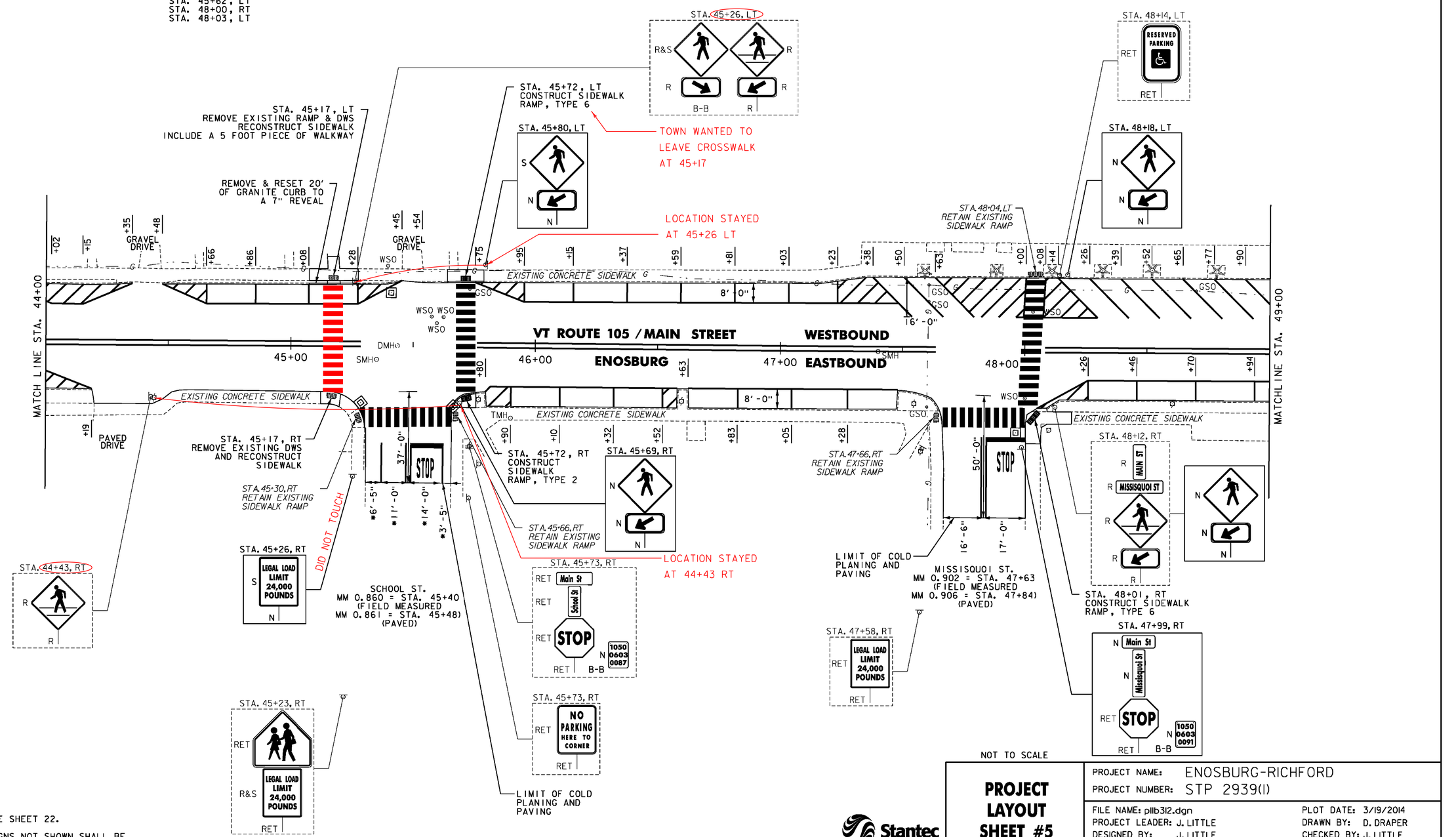
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 45+48, RT (SCHOOL ST.)
STA. 47+84, RT (MISSISQUOI ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 45+48, RT "STOP" (SCHOOL ST.)
STA. 47+84, RT "STOP" (MISSISQUOI ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 45+48, RT (SCHOOL ST.)
STA. 45+72, LT TO RT
STA. 47+84, RT (MISSISQUOI ST.)
STA. 48+01, RT TO 48+04, LT
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 10

ERECTING SALVAGED SIGNS
AS SHOWN - 2




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #5**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312105.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 26 OF 115

CHANGING ELEVATION OF DHs, CBs OR MHs
STA. 49+95, RT
STA. 52+54, ℄

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 51+95, RT
STA. 51+97, LT
STA. 53+02, RT
STA. 54+06, LT
STA. 54+45, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 50+08, RT
STA. 52+46, RT
STA. 53+91, RT
STA. 54+35, RT

ADJUST ELEVATION OF VALVE BOX
STA. 49+85, LT
STA. 49+87, LT
STA. 49+89, LT
STA. 50+91, LT
STA. 52+63, LT
STA. 52+65, RT
STA. 52+66, LT
STA. 52+68, LT
STA. 53+57, LT
STA. 54+18, LT
STA. 54+38, LT

REMOVING AND RESETTING CURB
STA. 49+82, LT
STA. 49+86, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 49+82, LT
STA. 49+86, RT
STA. 50+11, LT
STA. 52+83, RT
STA. 52+93, RT
STA. 52+97, LT
STA. 54+46, LT

DETECTABLE WARNING SURFACE
STA. 49+82, LT
STA. 49+86, RT
STA. 50+11, LT
STA. 52+83, RT
STA. 52+93, RT
STA. 52+97, LT
STA. 54+46, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 49+00 TO 55+00, SOLID LT & RT
STA. 49+00 TO 51+43, SOLID LT
(PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 49+00 TO 52+01, SOLID RT
(PARKING SPACES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 49+00 TO 55+00, SOLID LT & RT
STA. 49+96, DOUBLE SOLID LT (BISMARK ST.)
STA. 52+56, DOUBLE SOLID RT (DEPOT ST.)
STA. 54+34, DOUBLE SOLID LT (ORCHARD ST.)

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 53+85 TO 53+97, SOLID LT (HYDRANT)
SEE SHEET 19

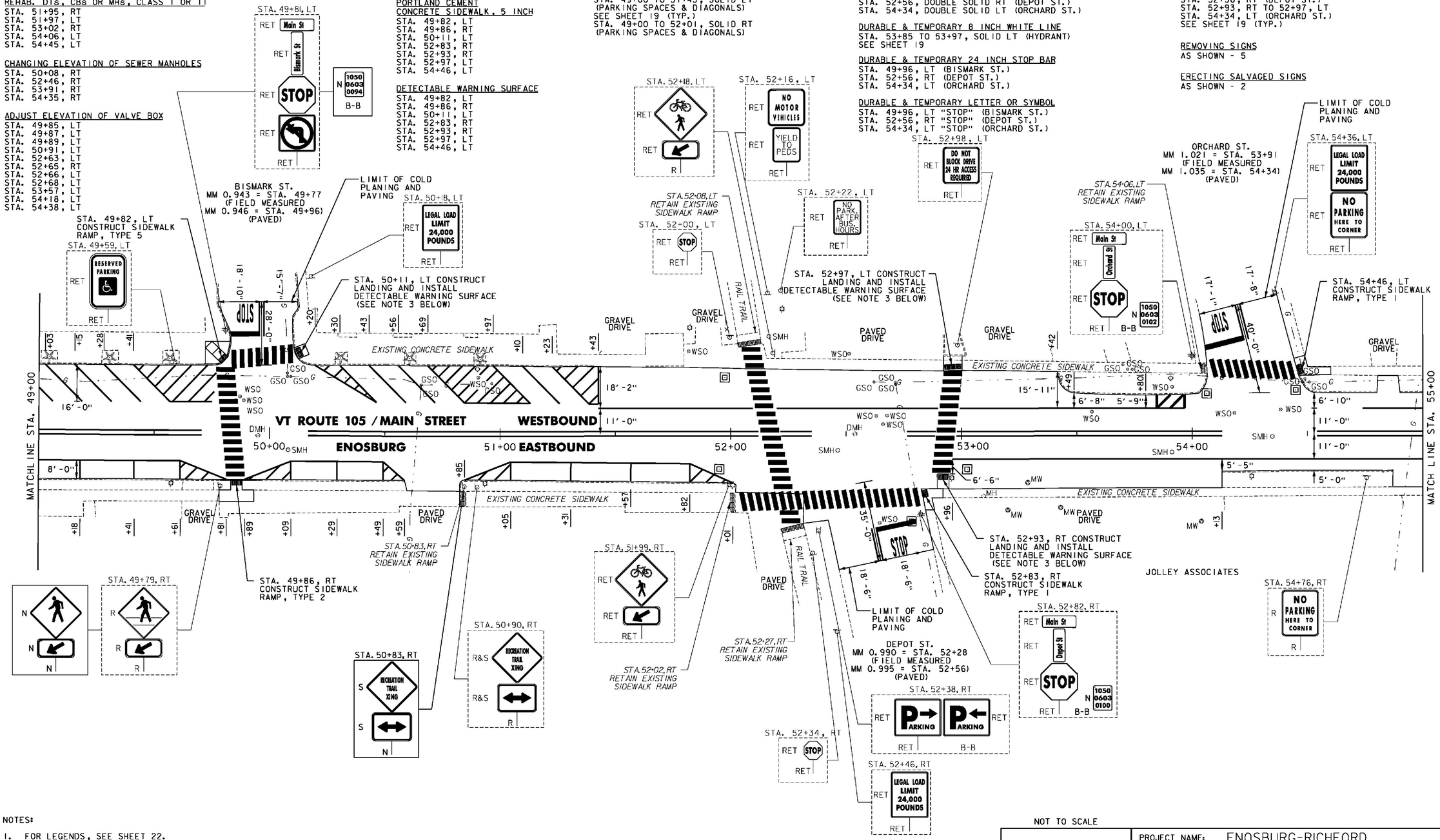
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 49+96, LT (BISMARK ST.)
STA. 52+56, RT (DEPOT ST.)
STA. 54+34, LT (ORCHARD ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 49+96, LT "STOP" (BISMARK ST.)
STA. 52+56, RT "STOP" (DEPOT ST.)
STA. 54+34, LT "STOP" (ORCHARD ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 49+82, LT TO 49+86 RT
STA. 49+96, LT (BISMARK ST.)
STA. 52+08, LT TO 52+22, RT
STA. 52+56, RT (DEPOT ST.)
STA. 52+93, RT TO 52+97, LT
STA. 54+34, LT (ORCHARD ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 2




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #6**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312106.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 27 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 59+38, RT

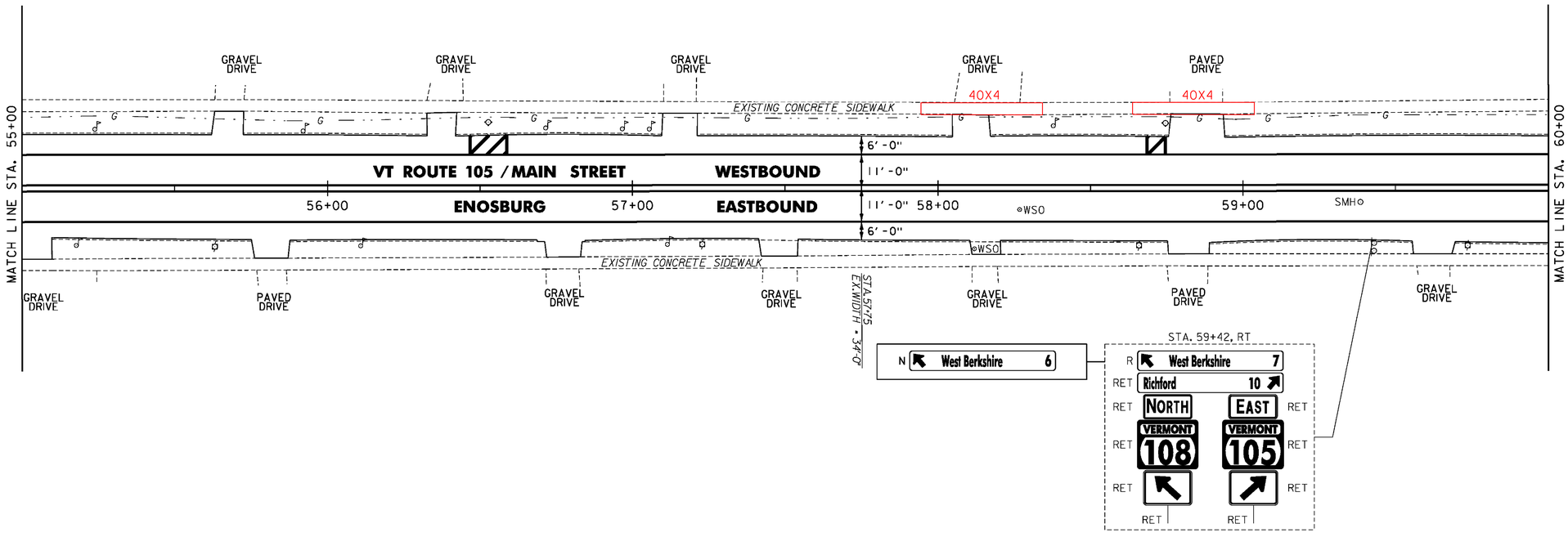
ADJUST ELEVATION OF VALVE BOX
STA. 58+12, RT
STA. 58+27, RT

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+47 TO 56+59, LT (HYDRANT)
STA. 58+69 TO 58+75, LT (HYDRANT)
SEE SHEET 19

REMOVING SIGNS
AS SHOWN - 1




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #7**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312107.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 28 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
VT ROUTE 105
STA. 63+70, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
VT ROUTE 108
STA. 259+19, LT

REMOVAL OF EXISTING CURB
VT ROUTE 108
STA. 259+19, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
VT ROUTE 108
STA. 259+19, LT
STA. 259+24, RT

DETECTABLE WARNING SURFACE
VT ROUTE 108
STA. 259+19, LT
STA. 259+24, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
VT ROUTE 105
STA. 60+00 TO 65+00, SOLID LT & RT
VT ROUTE 108
STA. 259+00 TO 260+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
VT ROUTE 105
STA. 60+00 TO 65+00, SOLID LT & RT
VT ROUTE 108
STA. 259+25 TO 260+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
VT ROUTE 105
STA. 61+56 TO 61+68, LT (HYDRANT)
STA. 64+05 TO 64+17, LT (HYDRANT)

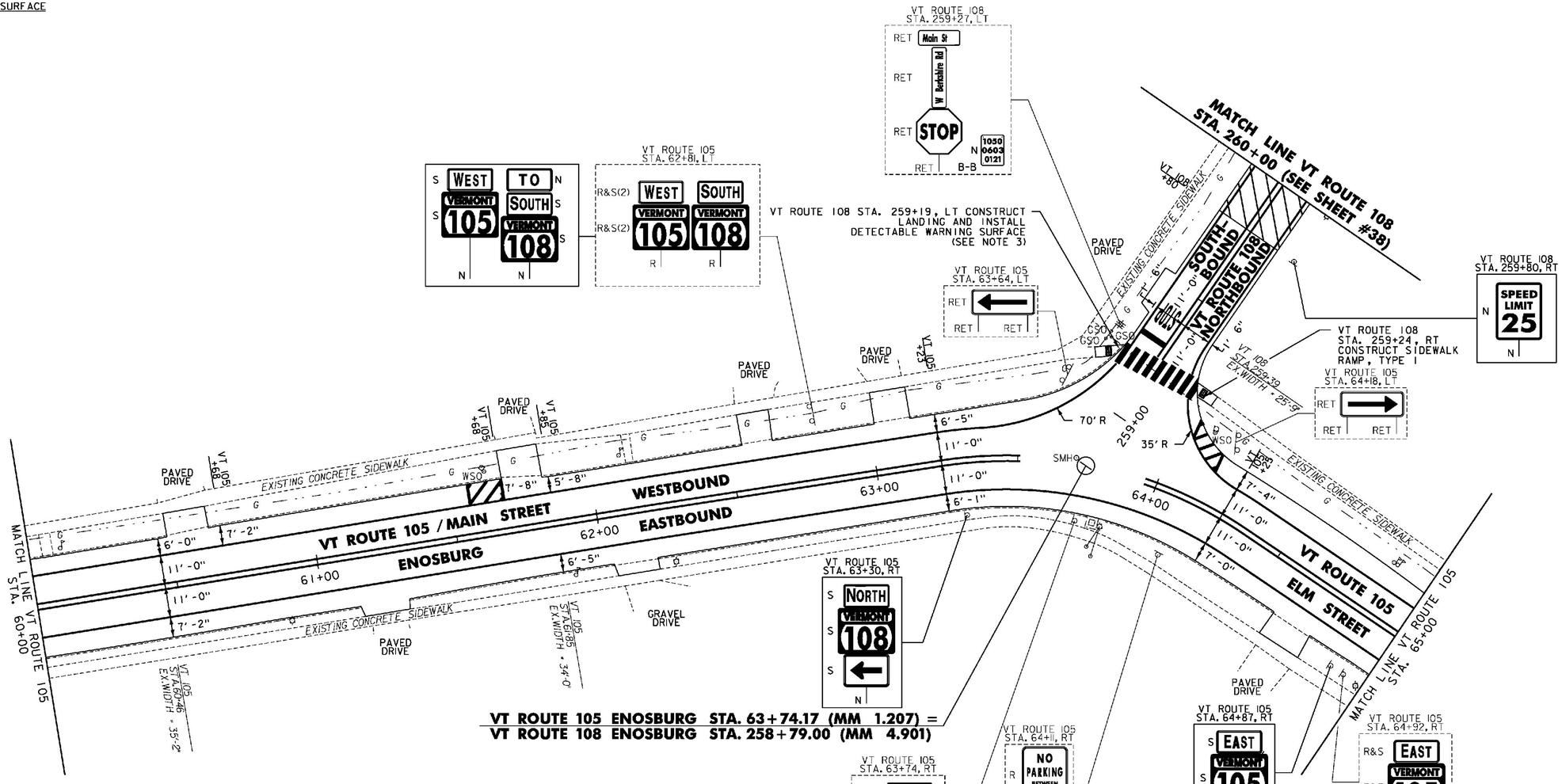
DURABLE & TEMPORARY 24 INCH STOP BAR
VT ROUTE 108
STA. 259+29, LT

DURABLE & TEMPORARY LETTER OR SYMBOL
VT ROUTE 108
STA. 259+38, LT "STOP"

DURABLE & TEMPORARY CROSSWALK MARKING
VT ROUTE 108
STA. 259+19, LT TO 259+24, RT
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 10

ERECTING SALVAGED SIGNS
AS SHOWN - 9




**VT ROUTE 105 ENOSBURG STA. 63+74.17 (MM 1.207) =**
**VT ROUTE 108 ENOSBURG STA. 258+79.00 (MM 4.901)**

NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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.

COLD PLANE TRANSITION AREA (FOR TYPICAL, SEE SHEET 4)

Stantec

**PROJECT LAYOUT SHEET #8**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312108.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 29 OF 115

REHAB. DIs. CBs OR MHs. CLASS I OR II
STA. 65+12, RT
STA. 66+12, LT
STA. 67+24, RT
STA. 68+78, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 67+78, ℄

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 66+01, RT
STA. 67+18, RT
STA. 68+27, LT
STA. 68+29, LT

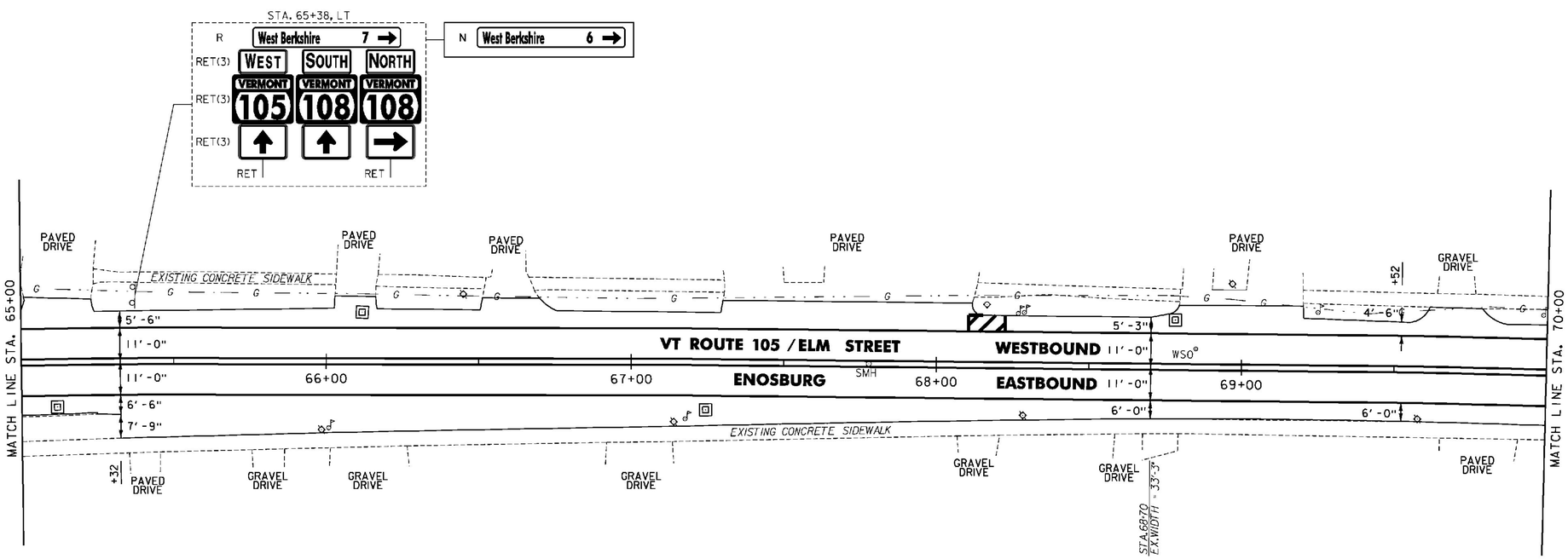
ADJUST ELEVATION OF VALVE BOX
STA. 68+85, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 65+00 TO 70+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 65+00 TO 70+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 68+10 TO 68+22, LT (HYDRANT)
SEE SHEET 19

REMOVING SIGNS
AS SHOWN - 1




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #9**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312109.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 30 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 72+13, LT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 70+91, RT
STA. 70+95, RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 72+10, LT
STA. 72+10, RT

DETECTABLE WARNING SURFACE
STA. 72+10, LT
STA. 72+10, RT

ADJUST ELEVATION OF VALVE BOX
STA. 72+05, RT
STA. 72+45, RT
STA. 72+45, RT
STA. 72+50, RT
STA. 72+50, RT
STA. 72+55, RT
STA. 72+55, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 70+00 TO 75+00, SOLID LT & RT
STA. 72+47, SOLID RT (EDGELINES, PLEASANT ST.)

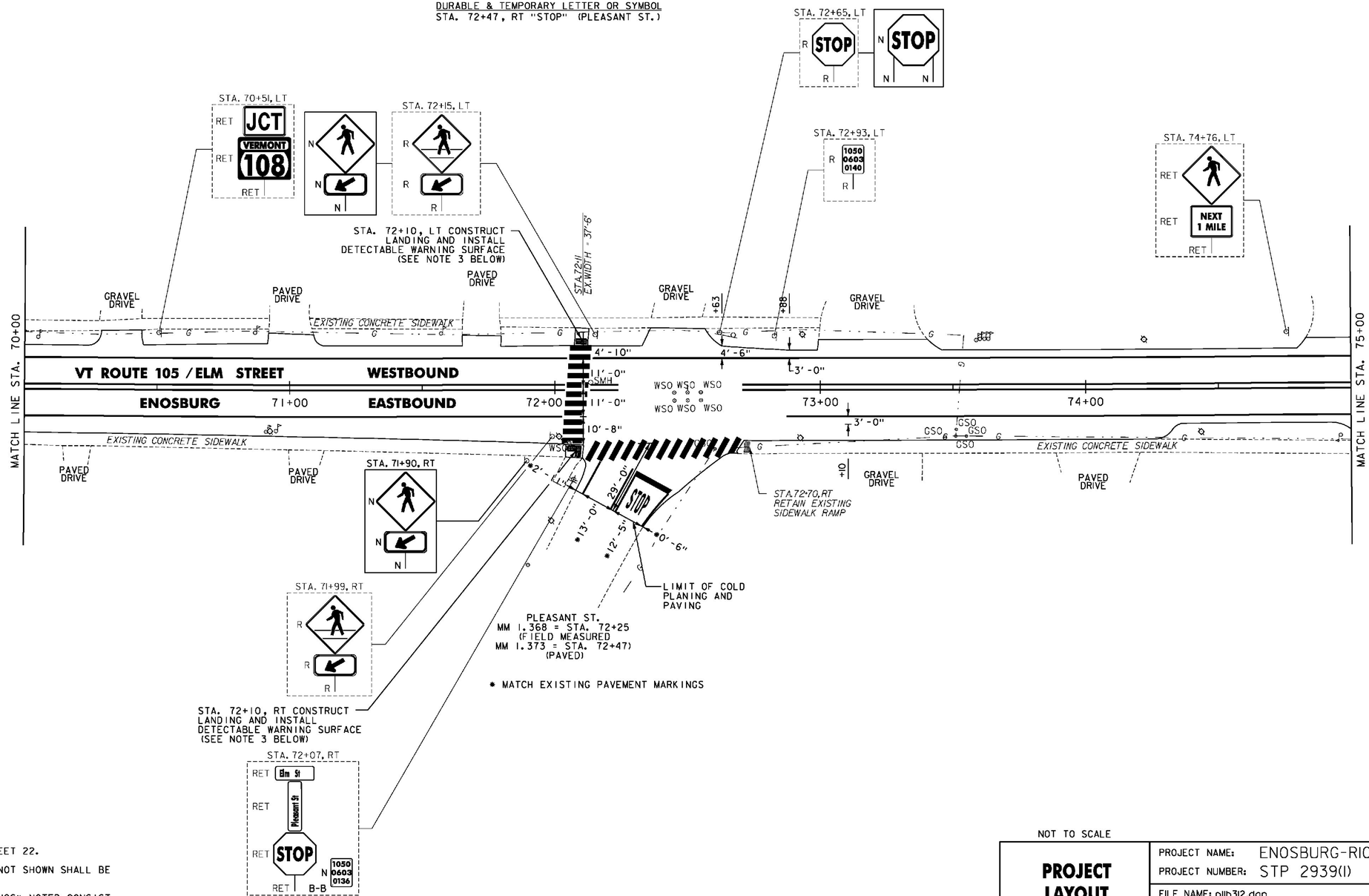
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 70+00 TO 75+00, SOLID LT & RT
STA. 72+47, DOUBLE SOLID RT (PLEASANT ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 72+47, RT (PLEASANT ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 72+47, RT "STOP" (PLEASANT ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 72+07, RT TO 72+10, LT
STA. 72+47, RT (PLEASANT ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 6




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #10**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i10.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 31 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 80+10, RT
STA. 80+46, LT

ADJUST ELEVATION OF VALVE BOX
STA. 80+28, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 75+00 TO 80+73.12, SOLID LT & RT
STA. 80+01, SOLID RT (EDGELINES, JAYVIEW DR.)

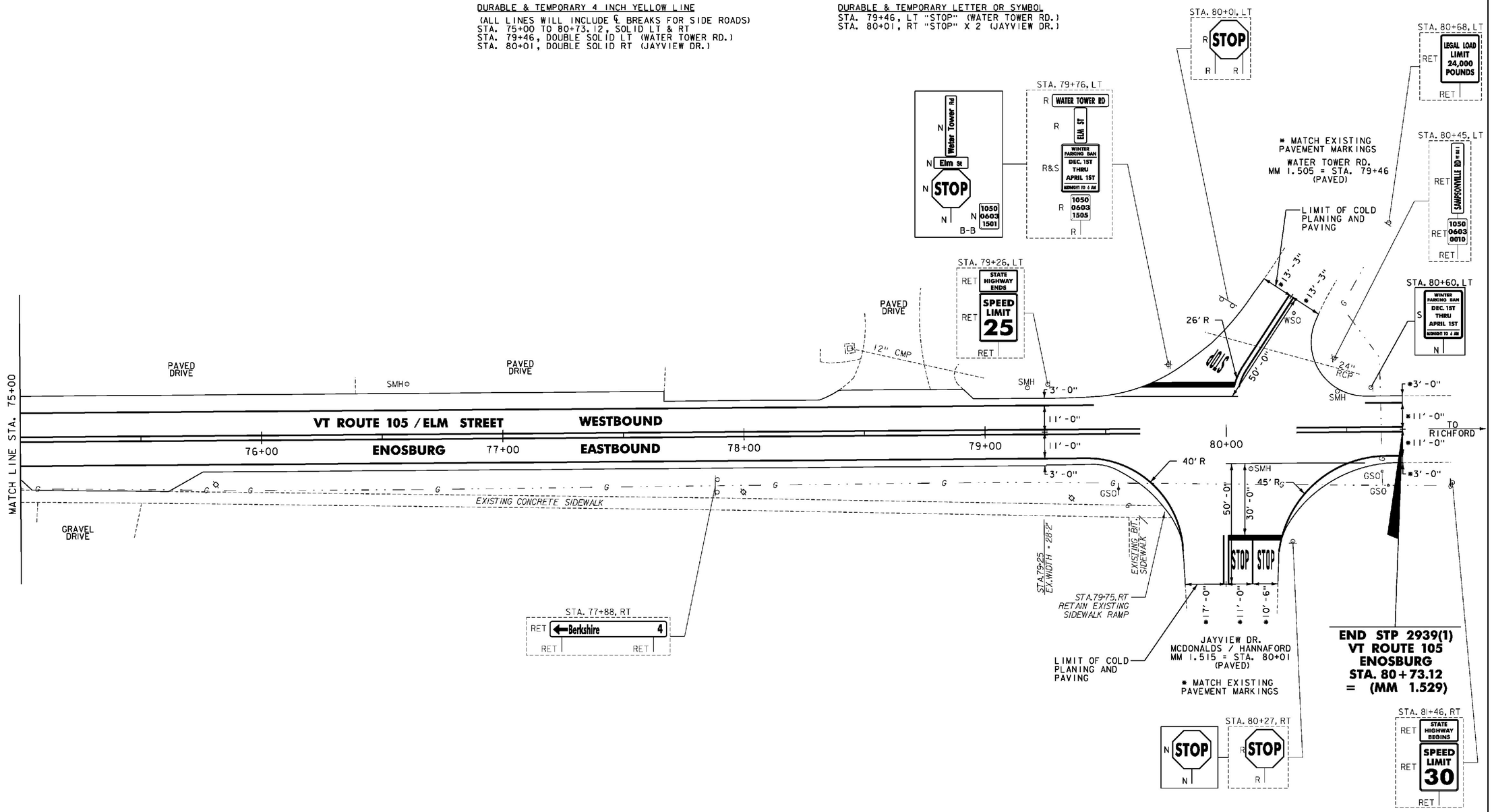
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 75+00 TO 80+73.12, SOLID LT & RT
STA. 79+46, DOUBLE SOLID LT (WATER TOWER RD.)
STA. 80+01, DOUBLE SOLID RT (JAYVIEW DR.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 79+46, LT (WATER TOWER RD.)
STA. 80+01, RT (JAYVIEW DR.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 79+46, LT "STOP" (WATER TOWER RD.)
STA. 80+01, RT "STOP" X 2 (JAYVIEW DR.)

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #11**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312111.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 32 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 237+44.16 TO 240+00, SOLID LT & RT
STA. 237+88, SOLID RT (EDGELINES, HAYES FARM RD.)

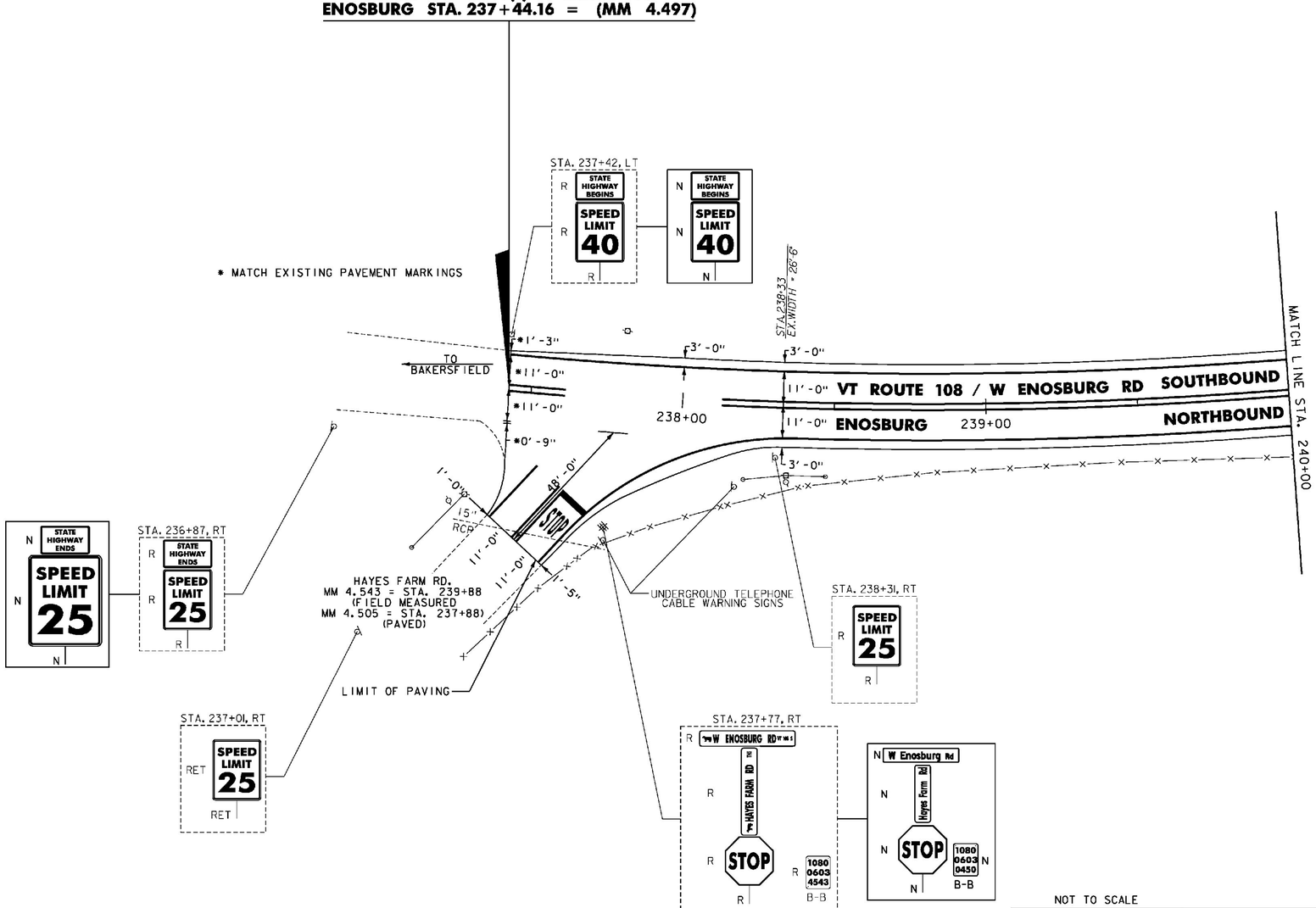
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 237+44.16 TO 240+00, SOLID LT & RT
STA. 237+88, DOUBLE SOLID RT (HAYES FARM RD.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 237+88, RT (HAYES FARM RD.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 237+88, RT "STOP" (HAYES FARM RD.)

REMOVING SIGNS
AS SHOWN - 9

**BEGIN STP 2939(1) VT ROUTE 108**
**ENOSBURG STA. 237+44.16 = (MM 4.497)**




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #12**

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

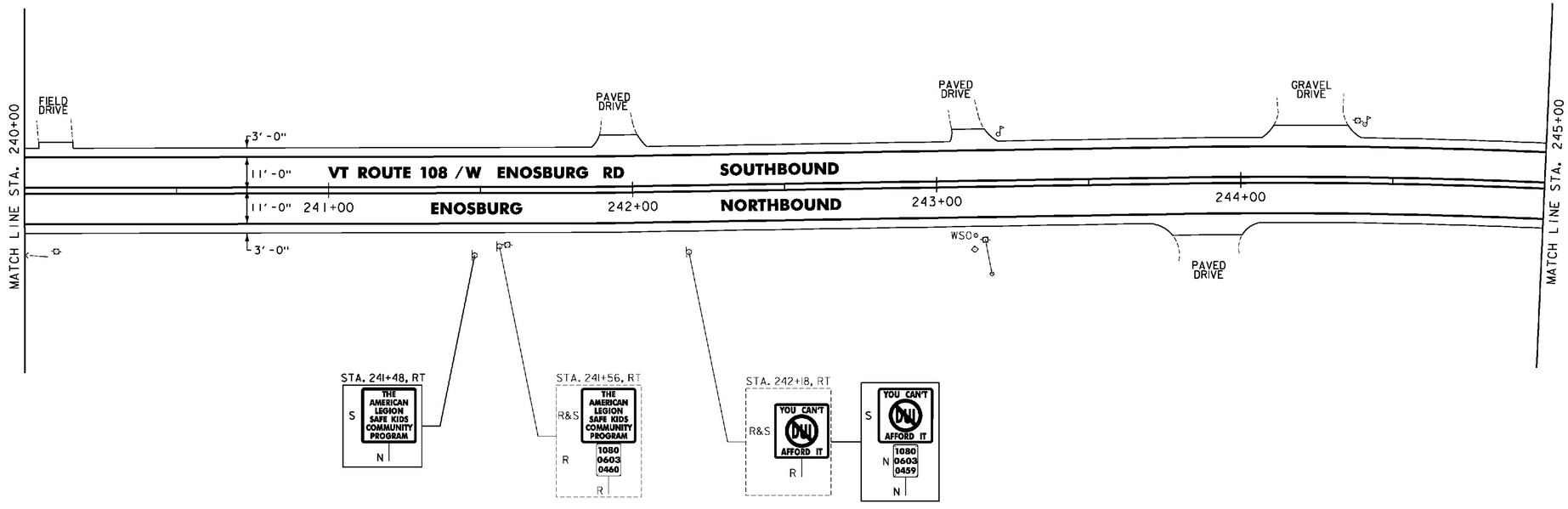
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312f12.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 33 OF 115

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

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 2




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #13**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312113.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 34 OF 115

REHAB, DIs, CBs OR MHs, CLASS I OR II
STA. 249+02, LT
STA. 249+86, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 245+00 TO 250+00, SOLID LT & RT
STA. 248+79, SOLID LT (EDGELINES, DUFFY HILL RD.)

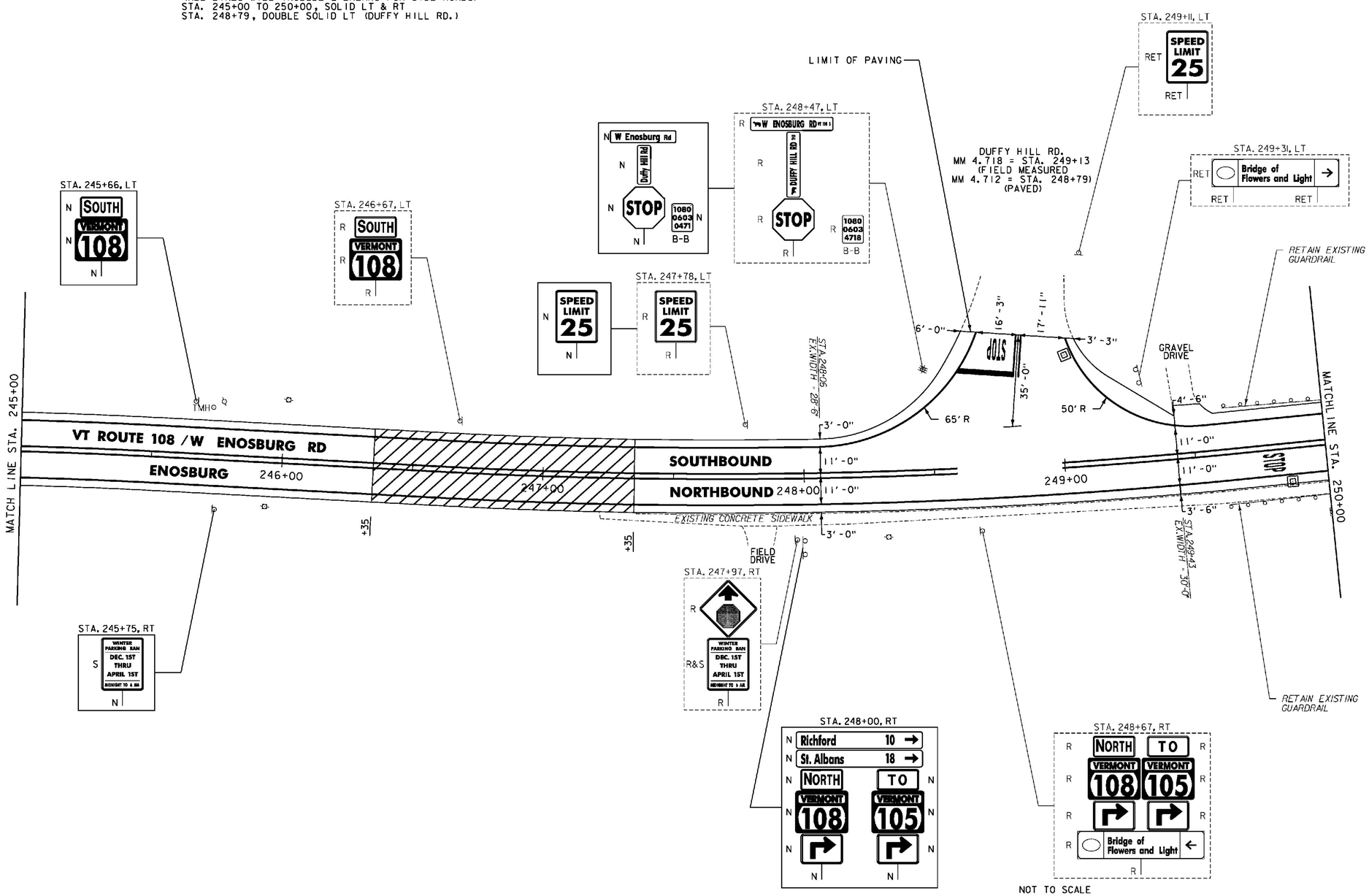
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 245+00 TO 250+00, SOLID LT & RT
STA. 248+79, DOUBLE SOLID LT (DUFFY HILL RD.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 248+79, LT (DUFFY HILL RD.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 248+79, LT "STOP" (DUFFY HILL RD.)
STA. 249+80, RT "STOP"

REMOVING SIGNS
AS SHOWN - 16

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

COLD PLANE TRANSITION AREA (FOR TYPICAL, SEE SHEET 4)

Stantec

**PROJECT LAYOUT SHEET #14**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312f14.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 35 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 252+88, RT
STA. 253+72, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 253+08, LT
STA. 253+12, LT
STA. 253+60, ℄ (MH UNKNOWN)
STA. 253+66, RT (MH UNKNOWN)
STA. 253+80, RT
STA. 253+87, RT

REMOVING AND RESETTING CURB
STA. 253+45, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 252+18, LT
STA. 253+45, RT
STA. 253+47, LT

DETECTABLE WARNING SURFACE
STA. 252+18, LT
STA. 253+45, RT
STA. 253+47, LT

ADJUST ELEVATION OF VALVE BOX
STA. 253+18, LT
STA. 253+21, LT
STA. 253+23, LT
STA. 253+24, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 250+00 TO 252+86, SOLID LT
STA. 250+00 TO 255+00, SOLID RT
STA. 253+51 TO 255+00, SOLID LT

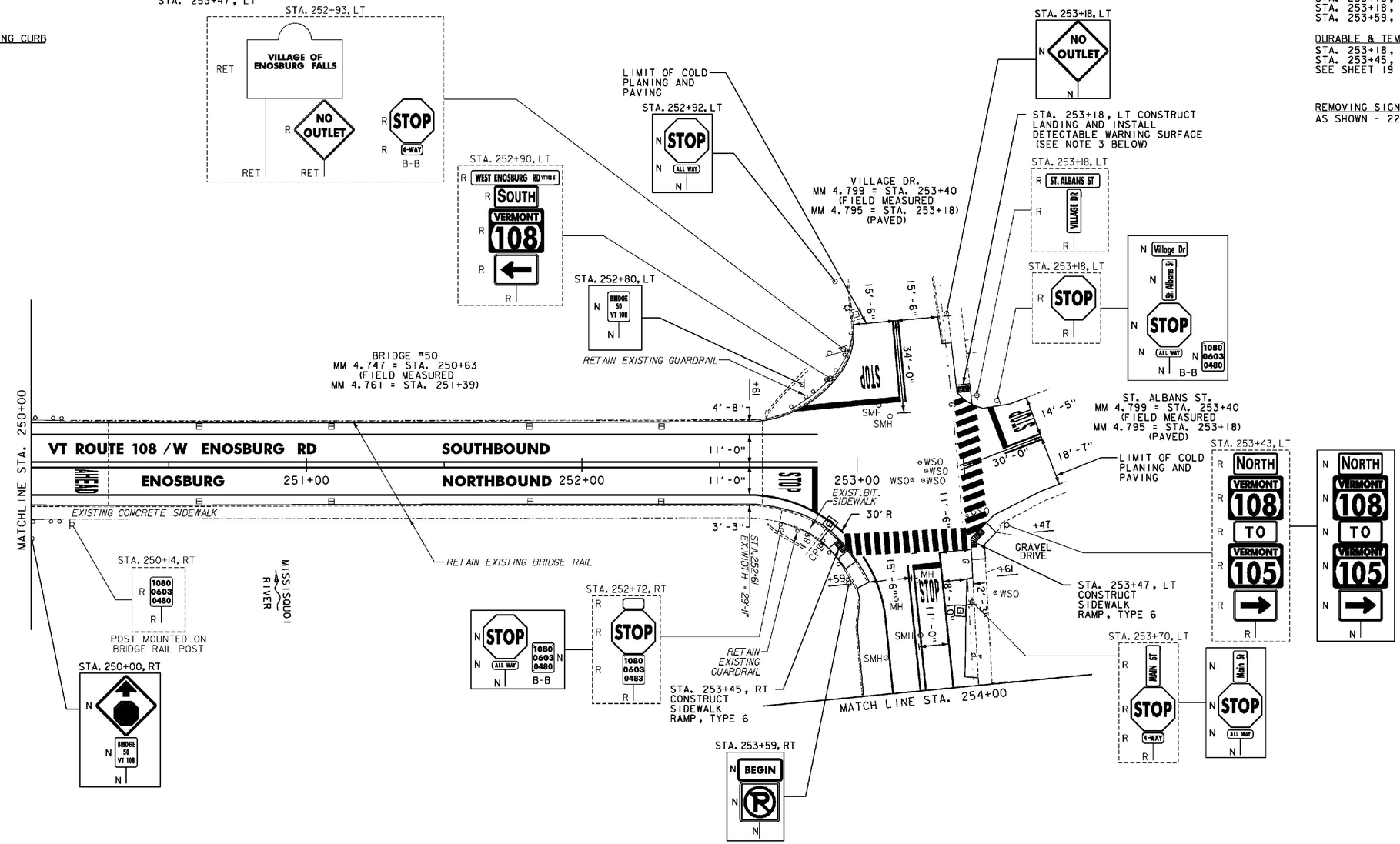
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 250+00 TO 252+86, SOLID LT & RT
STA. 253+49 TO 255+00, SOLID LT & RT
STA. 253+18, DOUBLE SOLID LT (VILLAGE DR.)
STA. 253+18, DOUBLE SOLID LT (ST. ALBANS ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 252+85, RT
STA. 253+18, LT (VILLAGE DR.)
STA. 253+18, LT (ST. ALBANS ST.)
STA. 253+55, LT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 250+20, RT "AHEAD"
STA. 252+76, RT "STOP"
STA. 253+18, LT "STOP" (VILLAGE DR.)
STA. 253+18, LT "STOP" (ST. ALBANS ST.)
STA. 253+59, LT "STOP"

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 253+18, LT (ST. ALBANS ST.)
STA. 253+45, RT TO 253+47, LT
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 22




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #15**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312f15.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 36 OF 115

CHANGING ELEVATION OF DIs, CBs OR MHs
STA. 255+43, LT

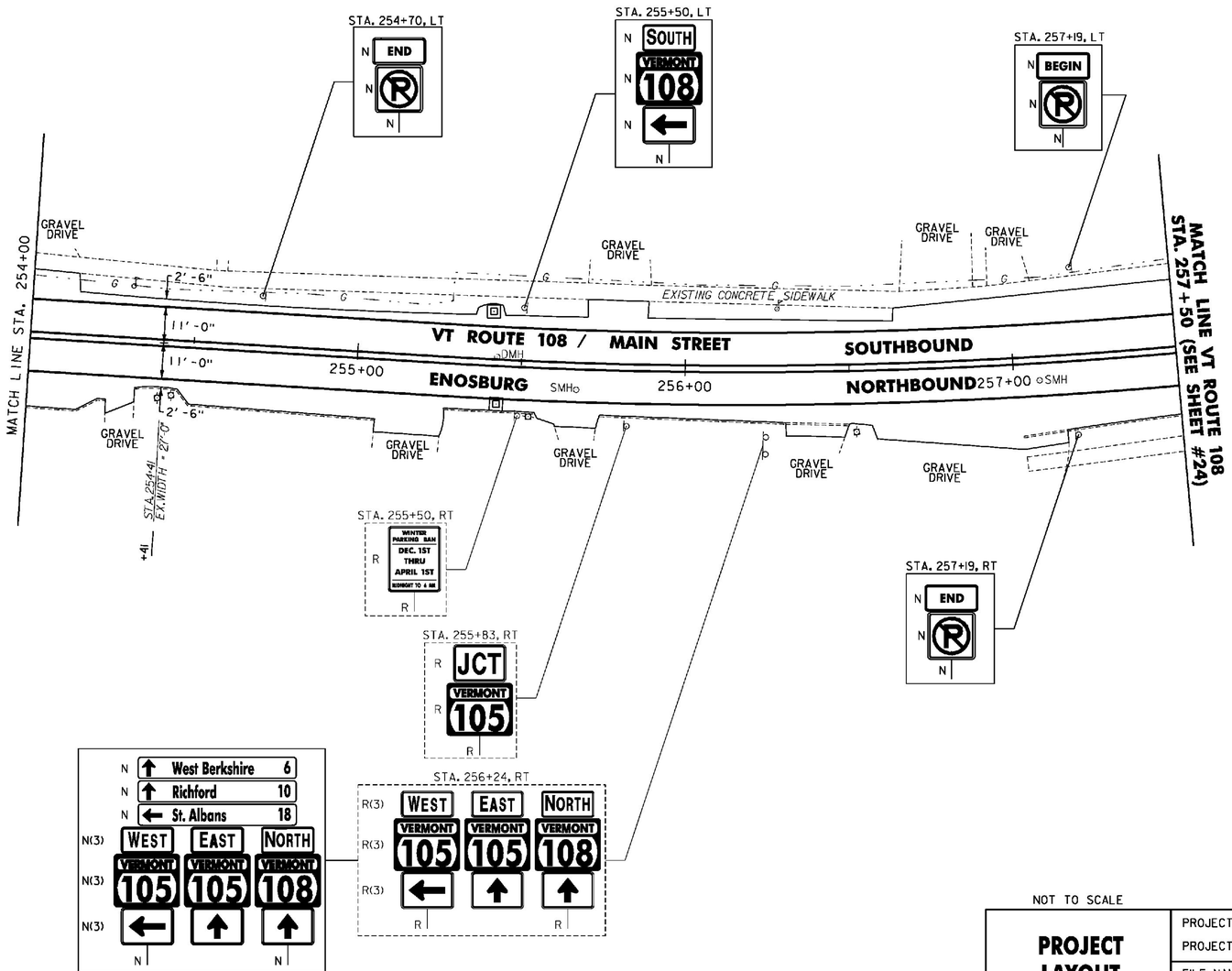
REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 255+41, LT
STA. 255+43, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 255+67, RT
STA. 257+08, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 254+00 TO 257+50, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 254+00 TO 257+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 12




NOT TO SCALE

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #16**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312116.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 37 OF 115

REHAB. CBs, DIs OR MHs, CLASS I OR II
STA. 260+83, LT
STA. 261+33, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 264+86 TO 265+00, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 264+86, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 264+86 TO 265+00, RT

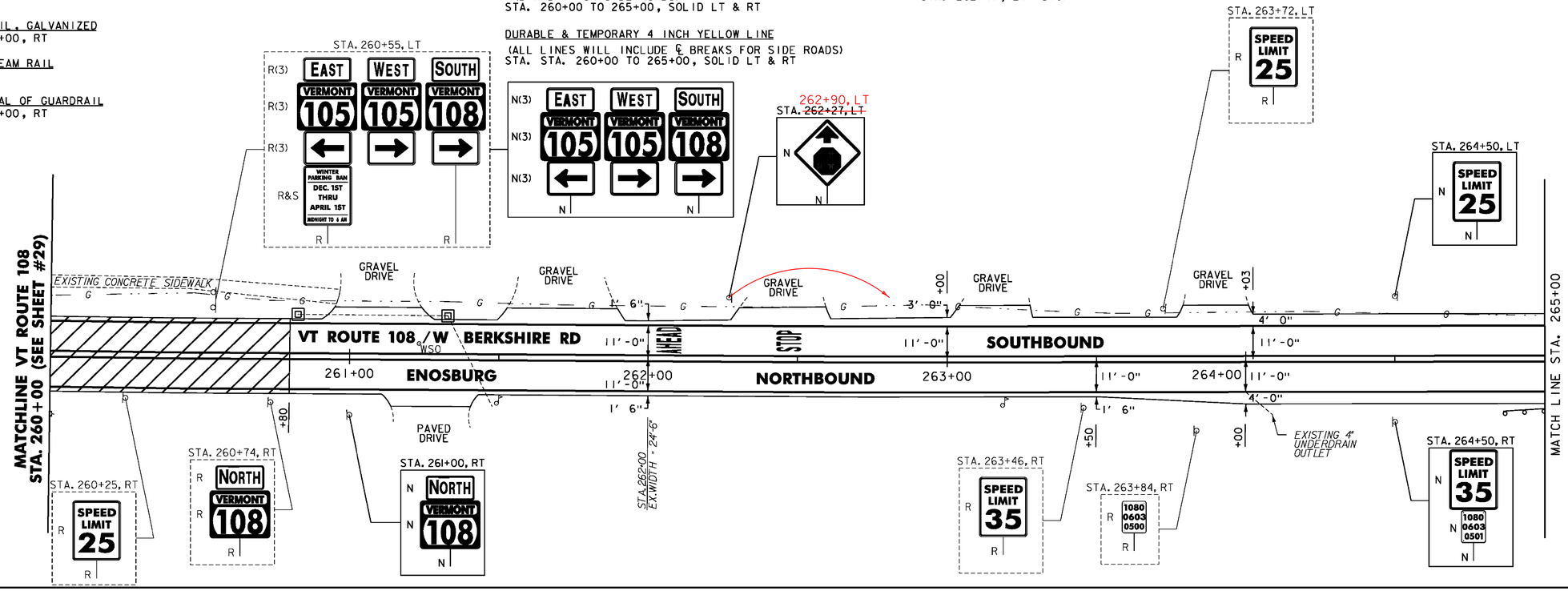
ADJUST ELEVATION OF VALVE BOX
STA. 261+23, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 260+00 TO 265+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. STA. 260+00 TO 265+00, SOLID LT & RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 262+07, LT "AHEAD"
STA. 262+47, LT "STOP"

REMOVING SIGNS
AS SHOWN - 16




STEEL BEAM GUARDRAIL, GALVANIZED
STA. 265+00 TO 269+89, RT
STA. 266+72 TO 270+00, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 266+72, LT
STA. 269+89, RT

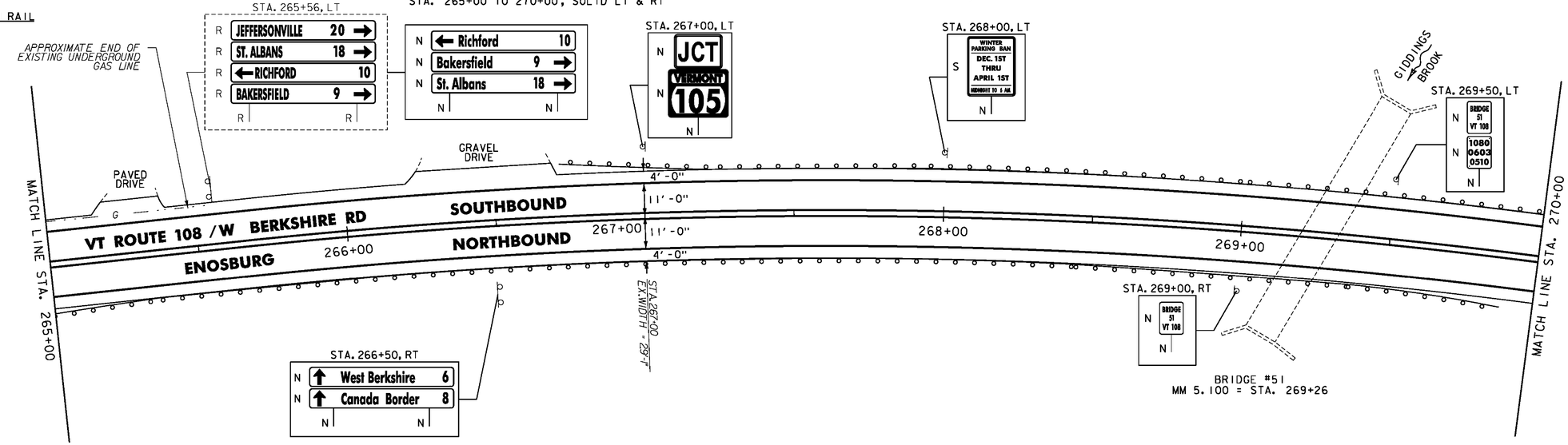
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 265+00 TO 269+89, RT
STA. 266+72 TO 270+00, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 265+00 TO 270+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 265+00 TO 270+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 4

ERECTING SALVAGED SIGNS
AS SHOWN - 1




BRIDGE #51
MM 5.100 = STA. 269+26

NOT TO SCALE

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

COLD PLANE TRANSITION AREA (FOR TYPICAL, SEE SHEET 4)

Stantec

**PROJECT LAYOUT SHEET #17**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312117.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 38 OF 115

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 270+00 TO 270+68, LT

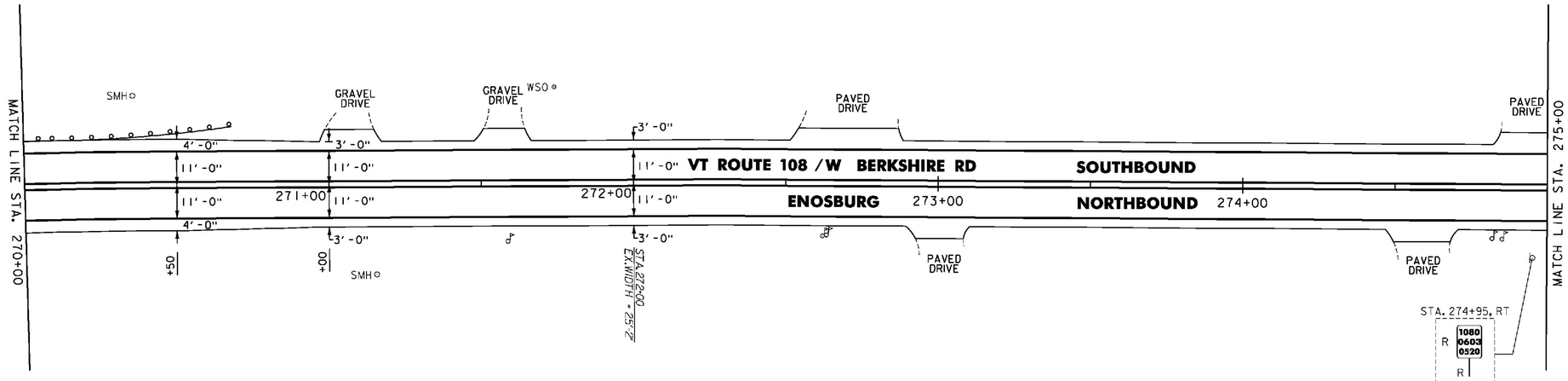
ANCHOR FOR STEEL BEAM RAIL
STA. 270+68, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 270+00 TO 270+68, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 270+00 TO 275+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 270+00 TO 275+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1

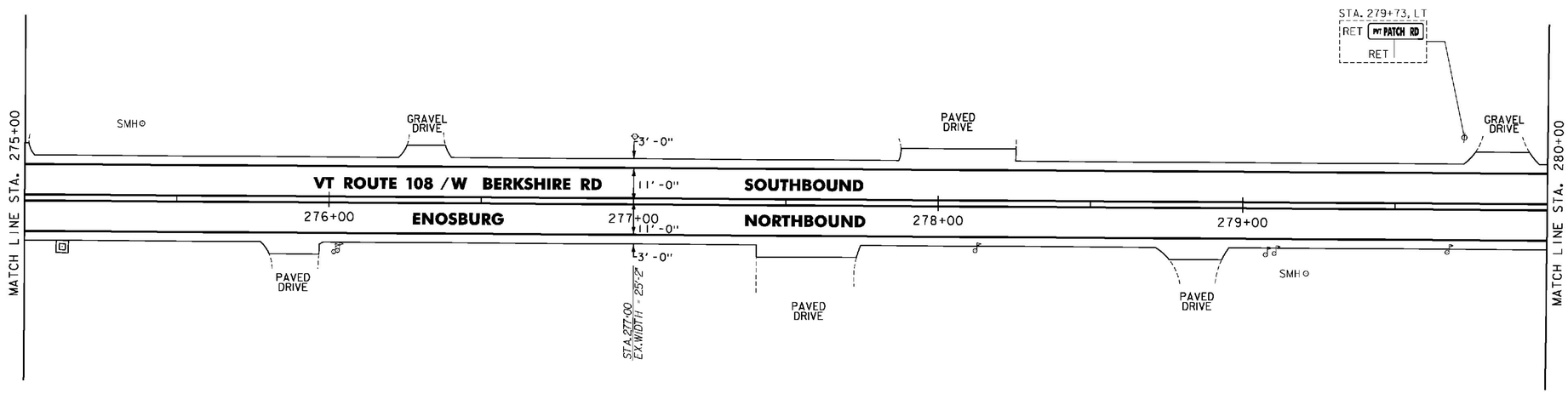



REHAB. CBs, DIs OR MHs, CLASS I OR II
STA. 275+12, RT

RELOCATE MAILBOX, MULTIPLE SUPPORT
STA. 279+67, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 275+00 TO 280+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 275+00 TO 280+00, SOLID LT & RT




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #18**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i18.i**

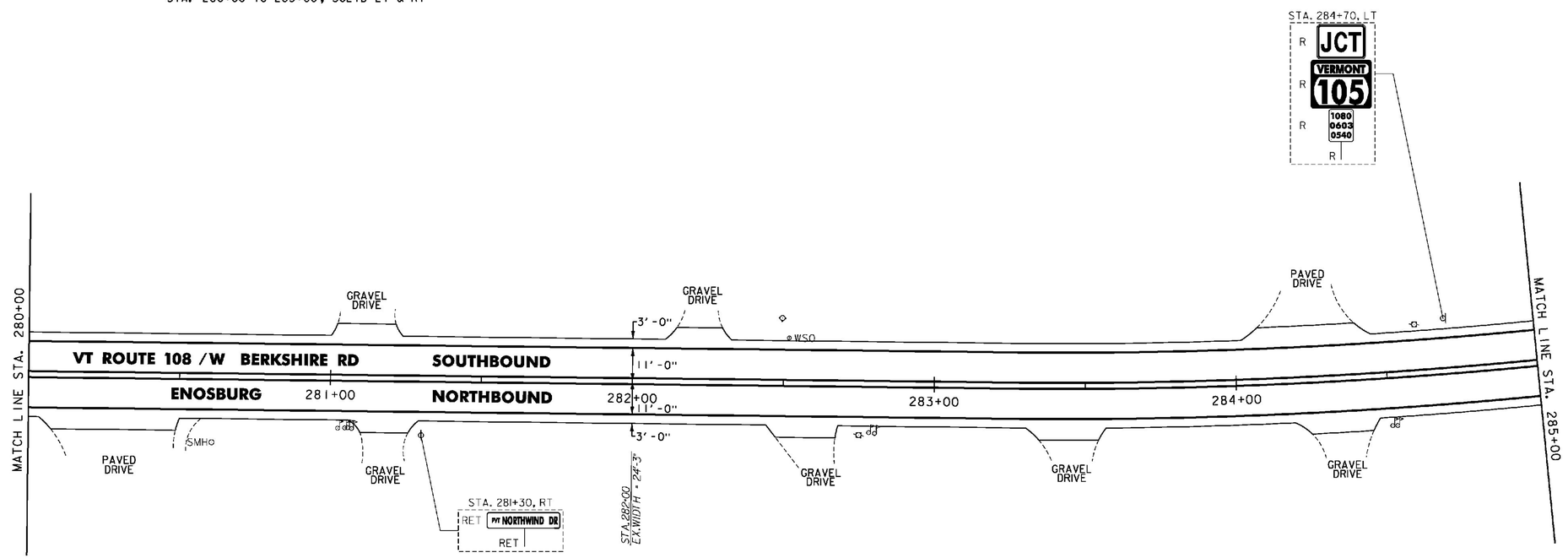
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 39 OF 115

ADJUST ELEVATION OF VALVE BOX
STA. 282+52, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 280+00 TO 285+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 280+00 TO 285+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3




CHANGING ELEVATION OF DIs, CBs OR MHs
STA. 288+30, RT

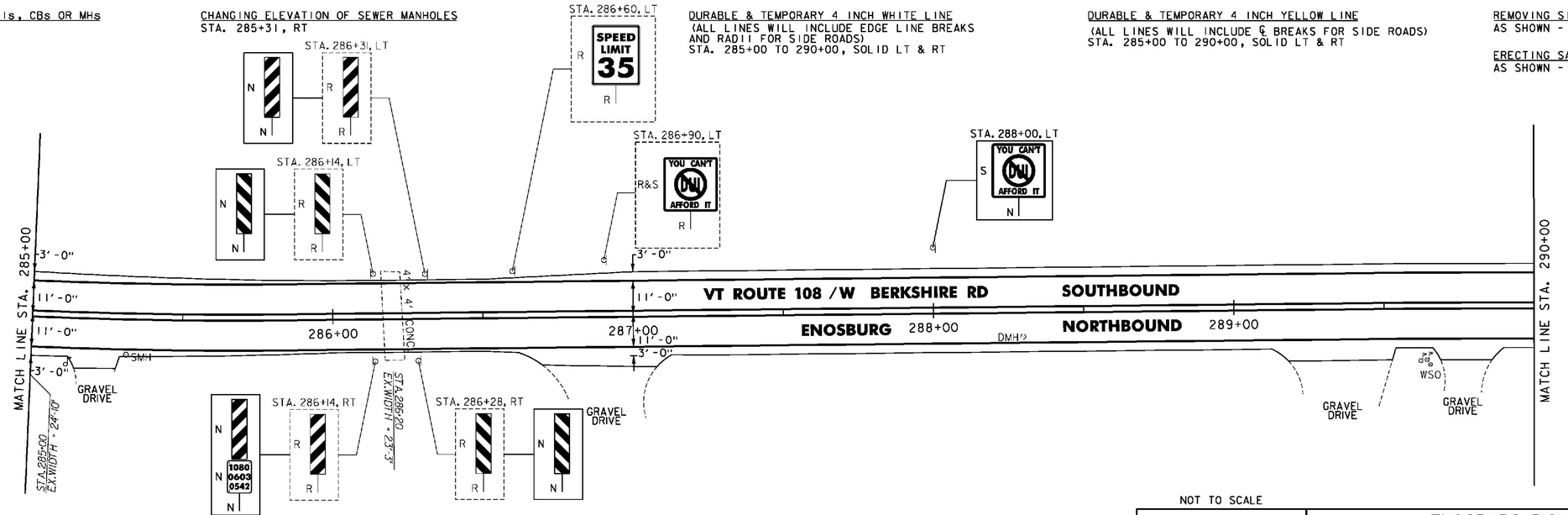
CHANGING ELEVATION OF SEWER MANHOLES
STA. 285+31, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 285+00 TO 290+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 285+00 TO 290+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #19**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i19.i**

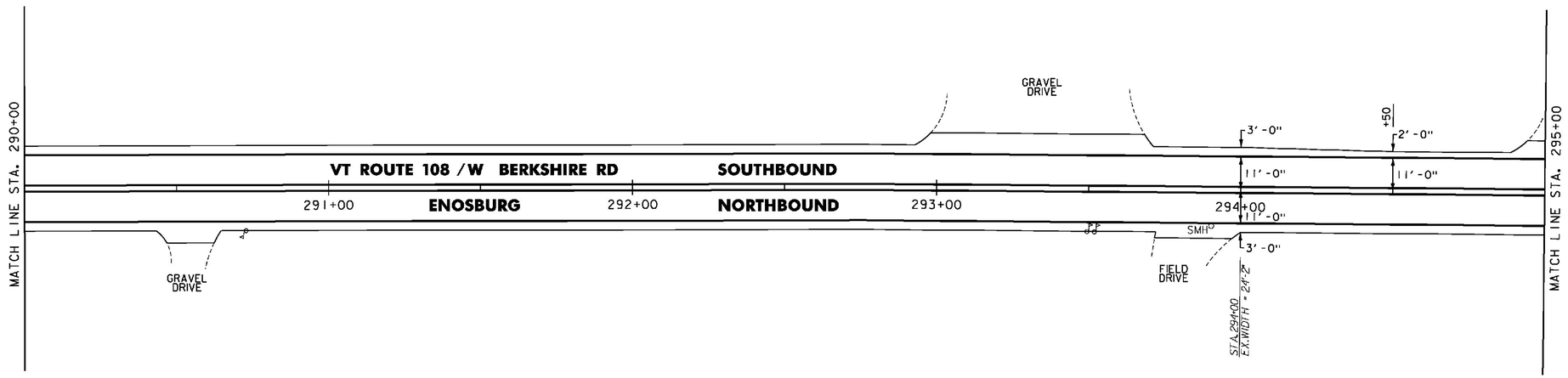
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 40 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 293+90, RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 290+73, RT
STA. 293+50, RT
STA. 293+52, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 290+00 TO 295+00, SOLID LT & RT

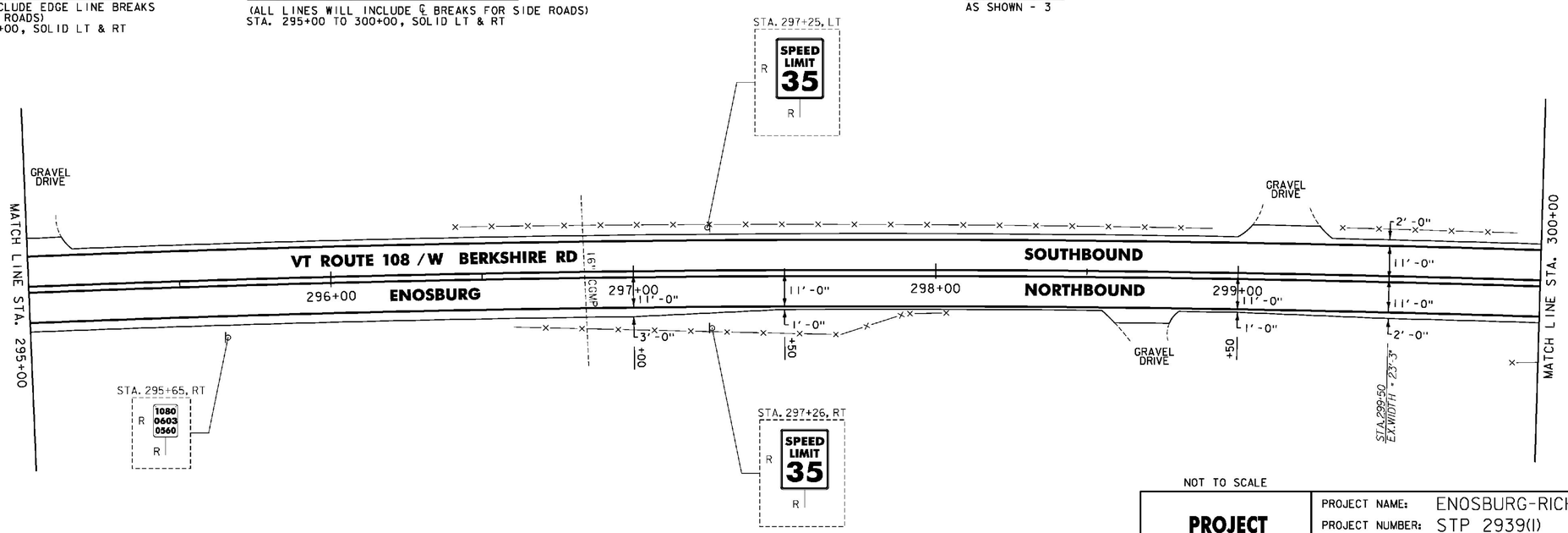
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 290+00 TO 295+00, SOLID LT & RT




DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 295+00 TO 300+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 295+00 TO 300+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

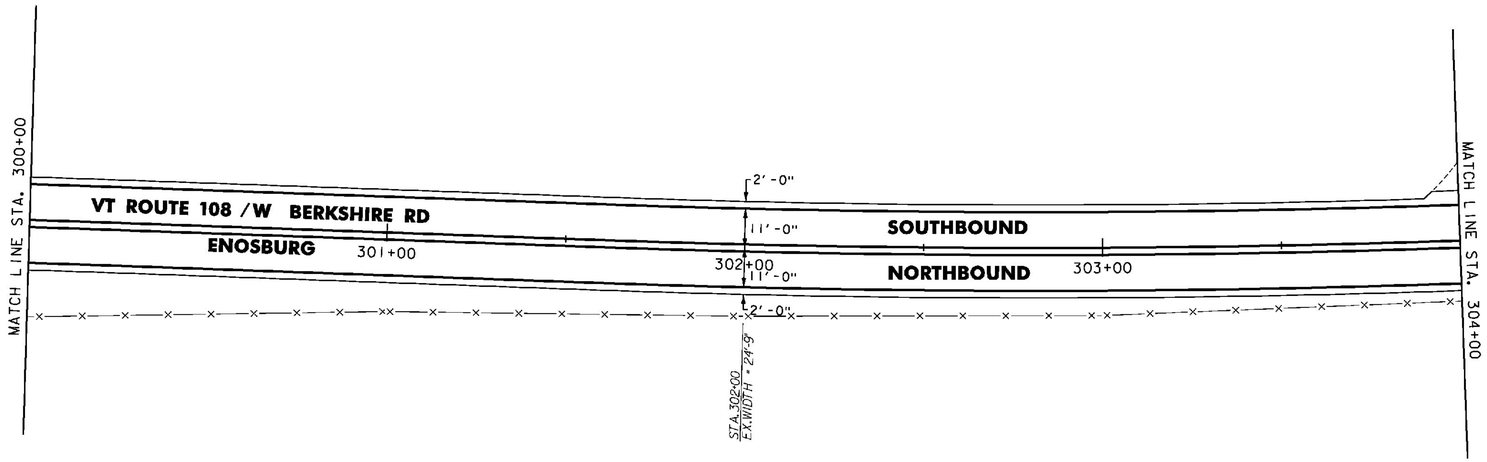
**PROJECT LAYOUT SHEET #20**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312I20.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 41 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 300+00 TO 304+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 300+00 TO 304+00, SOLID LT & RT

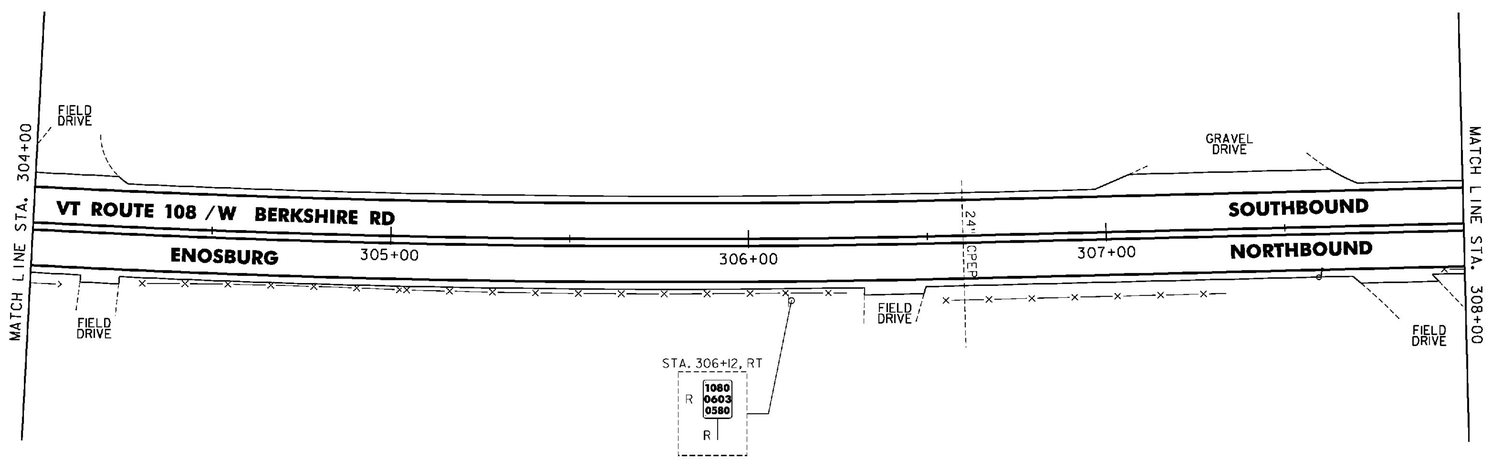



RELOCATE MAILBOX, SINGLE SUPPORT
STA. 307+59, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 304+00 TO 308+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 304+00 TO 308+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #21**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312121.i**

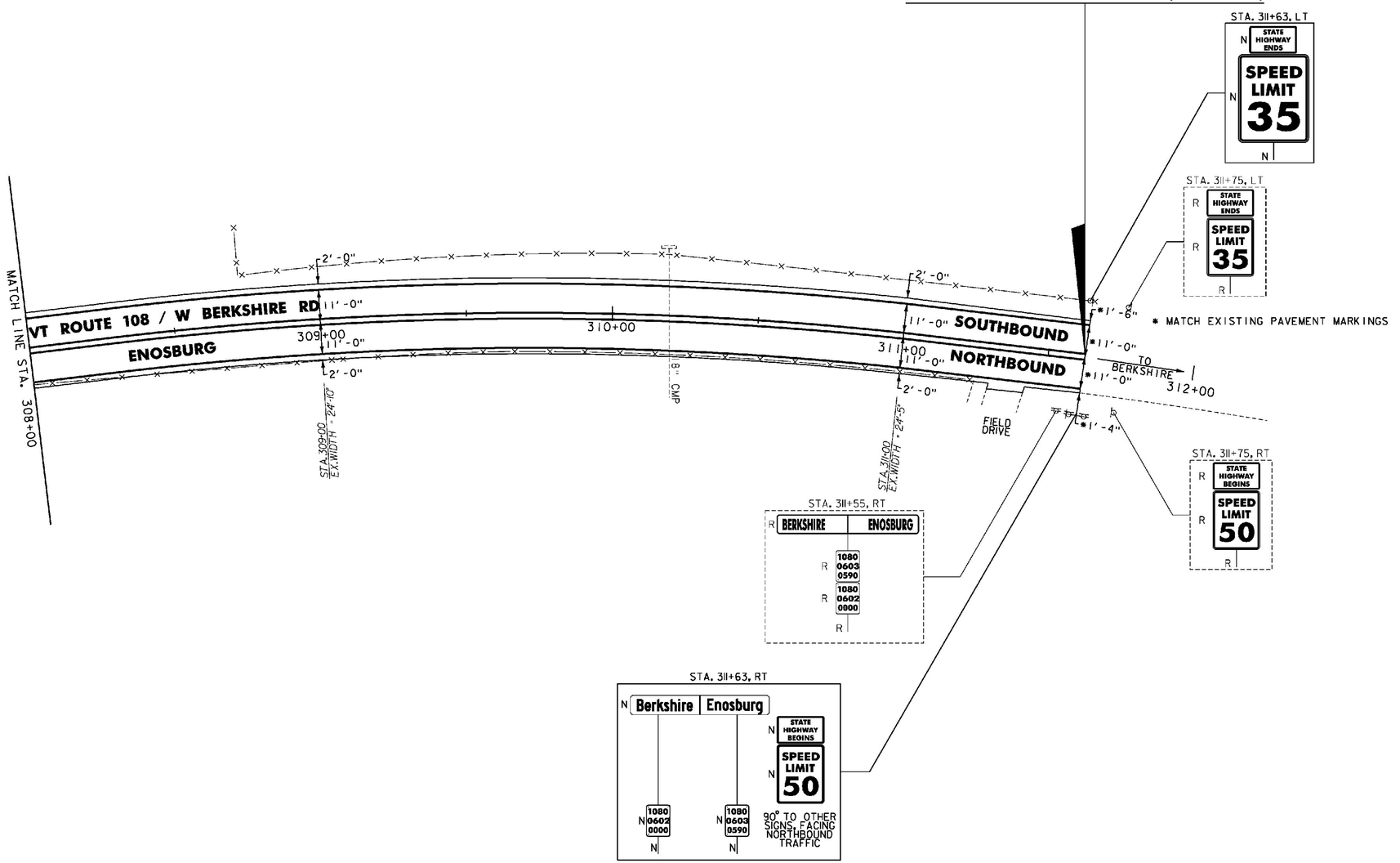
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 42 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 308+00 TO 311+62.56, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 308+00 TO 311+62.56, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 7

**END STP 2939(1) VT ROUTE 108**
**ENOSBURG STA. 311+62.56 = (MM 5.902)**




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #22**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312l22.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 43 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 82+04, LT
STA. 84+61, LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 84+84 TO 86+00, LT

ADJUST ELEVATION OF VALVE BOX
STA. 84+03, RT
STA. 84+52, RT
STA. 84+55, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 80+09.76 TO 86+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 80+09.76 TO 86+00, SOLID LT & RT
STA. 84+65, DOUBLE SOLID LT (MAPLE ST.)

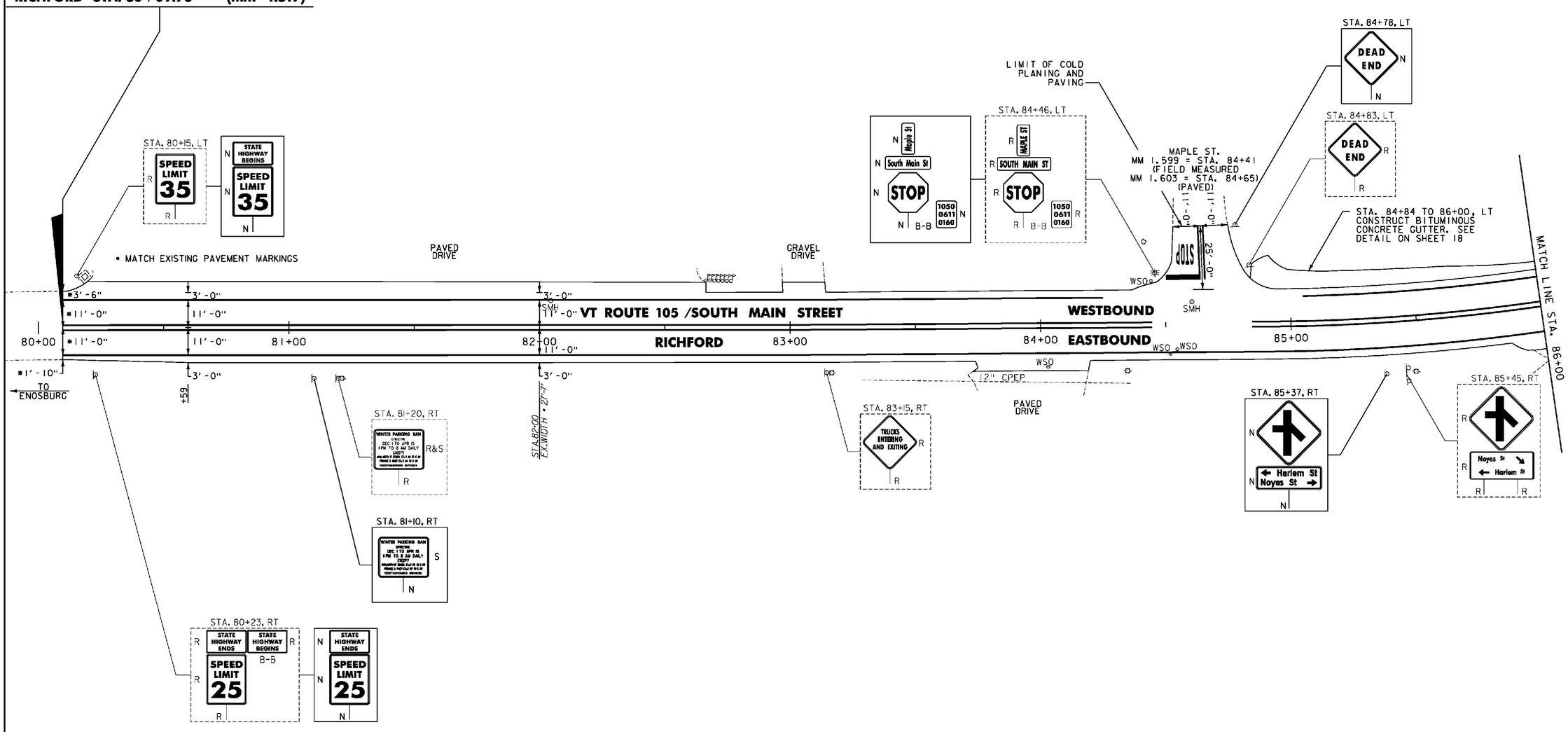
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 84+65, LT (MAPLE ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 84+65, LT "STOP" (MAPLE ST.)

REMOVING SIGNS
AS SHOWN - 13

ERECTING SALVAGED SIGNS
AS SHOWN - 1

**BEGIN STP 2939(1) VT ROUTE 105**
**RICHFORD STA. 80+09.76 = (MM 1.517)**




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #23**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312123.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 44 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 87+60, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 86+00 TO 88+03, LT
STA. 90+33 TO 91+00, RT
STA. 90+81 TO 91+00, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 90+04, RT
STA. 90+33, RT

DETECTABLE WARNING SURFACE
STA. 90+04, RT
STA. 90+33, RT

ADJUST ELEVATION OF VALVE BOX
STA. 87+72, RT
STA. 88+18, RT
STA. 88+20, RT
STA. 88+21, RT
STA. 90+18, RT
STA. 90+20, RT
STA. 90+24, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 86+00 TO 91+00, SOLID LT & RT

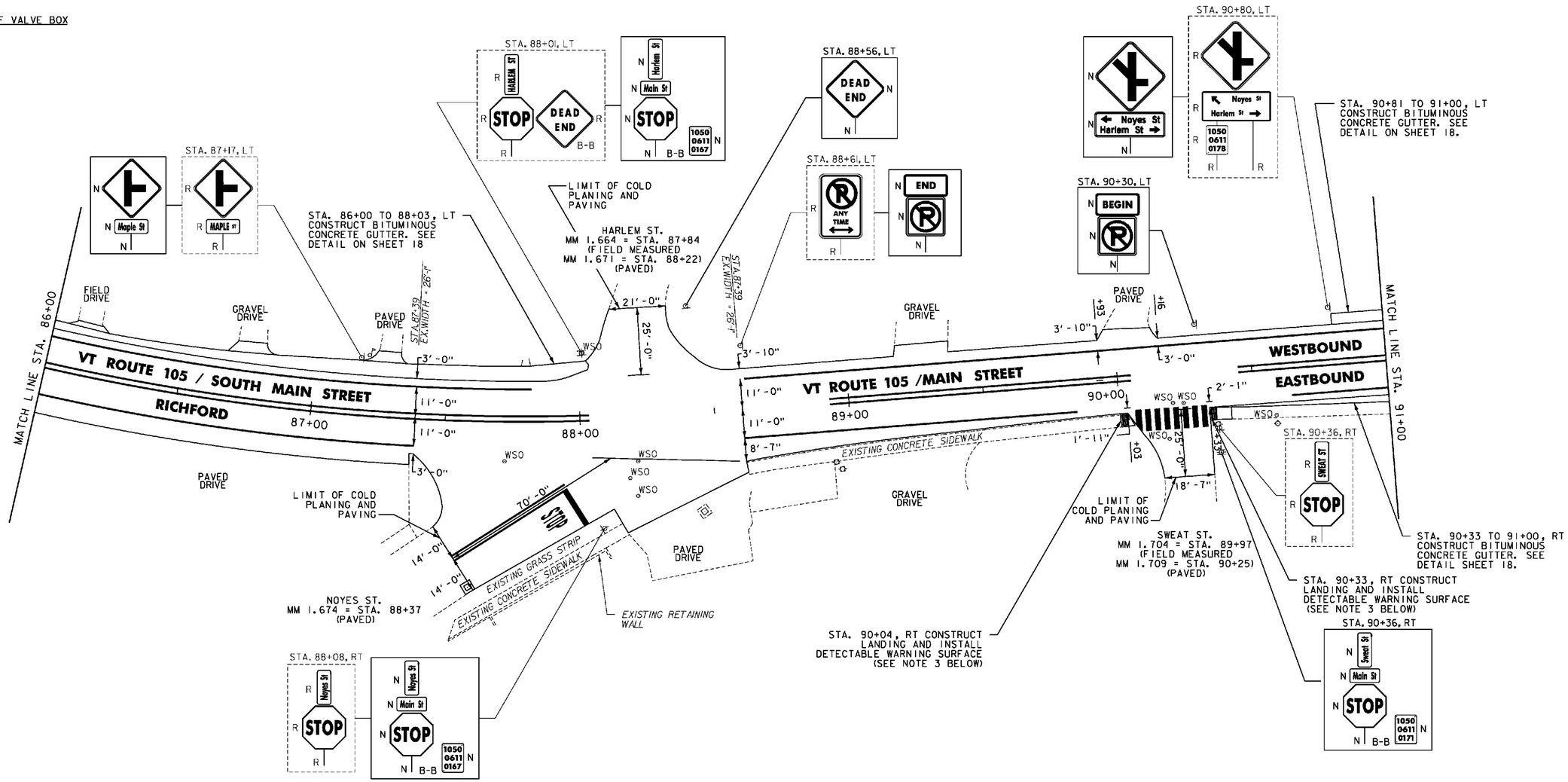
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 86+00 TO 91+00, SOLID LT & RT
STA. 88+37, DOUBLE SOLID RT (NOYES ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 88+37, RT (NOYES ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 88+37, RT "STOP" (NOYES ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 90+25, RT (SWEAT ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 13




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #24**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312124.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 45 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 92+17, RT
STA. 93+66, LT
STA. 94+88, RT
STA. 95+17, LT
STA. 95+19, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 91+00 TO 92+18, RT
STA. 91+00 TO 93+68, LT
STA. 95+11 TO 95+83, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 94+87, RT
STA. 95+10, RT

DETECTABLE WARNING SURFACE
STA. 94+87, RT
STA. 95+10, RT

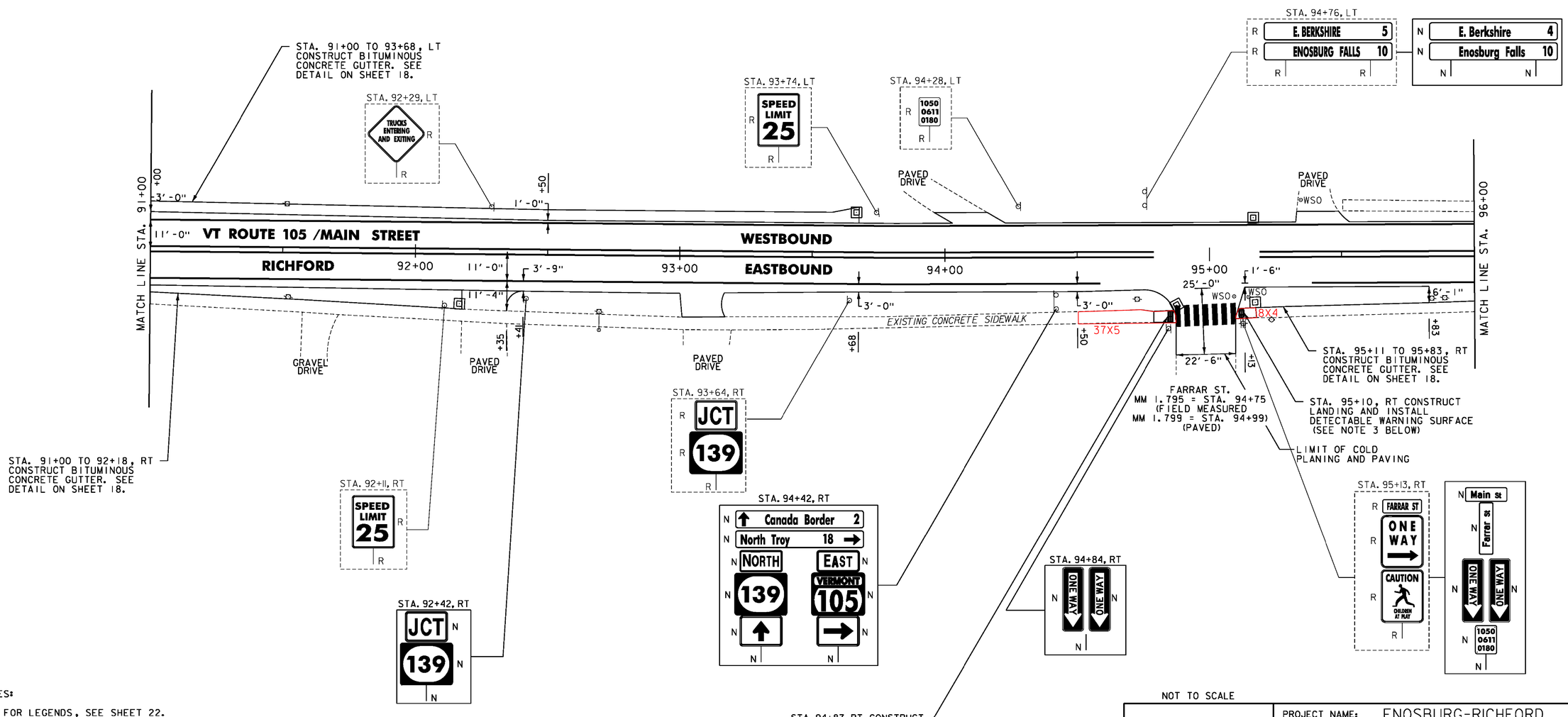
ADJUST ELEVATION OF VALVE BOX
STA. 95+09, RT
STA. 95+14, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 91+00 TO 96+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 91+00 TO 96+00, SOLID LT & RT

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 94+99, RT (FARRAR ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 11




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #25**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312l25.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 46 OF 115

THINNING AND TRIMMING FOR SIGNS
VT ROUTE 105
STA. 99+24, LT
SEE SHEET 19

REHAB. Dis. CBs OR MHs. CLASS I OR II
SNTH 139
STA. 0+63, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
VT ROUTE 105
STA. 100+55, LT

REMOVAL OF EXISTING CURB
VT ROUTE 105
STA. 100+55, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
VT ROUTE 105
STA. 98+25, RT
STA. 98+25, LT
STA. 100+41, RT
STA. 100+55, LT

DETECTABLE WARNING SURFACE
VT ROUTE 105
STA. 98+25, RT
STA. 98+25, LT
STA. 100+41, RT
STA. 100+55, LT

ADJUST ELEVATION OF VALVE BOX
VT ROUTE 105
STA. 99+57, LT
STA. 99+80, LT
STA. 100+54, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
VT ROUTE 105
STA. 96+00 TO 98+40, SOLID LT
STA. 96+00 TO 101+00, SOLID RT
STA. 99+71 TO 101+00, SOLID LT
SNTH 139
STA. 0+36 TO 1+00, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 0+55 TO 1+00, SOLID RT (PARKING SPACES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
VT ROUTE 105
STA. 96+00 TO 99+30, SOLID LT & RT
STA. 99+76 TO 101+00, SOLID LT & RT
SNTH 139
STA. 0+20 TO 1+00, SOLID LT & RT

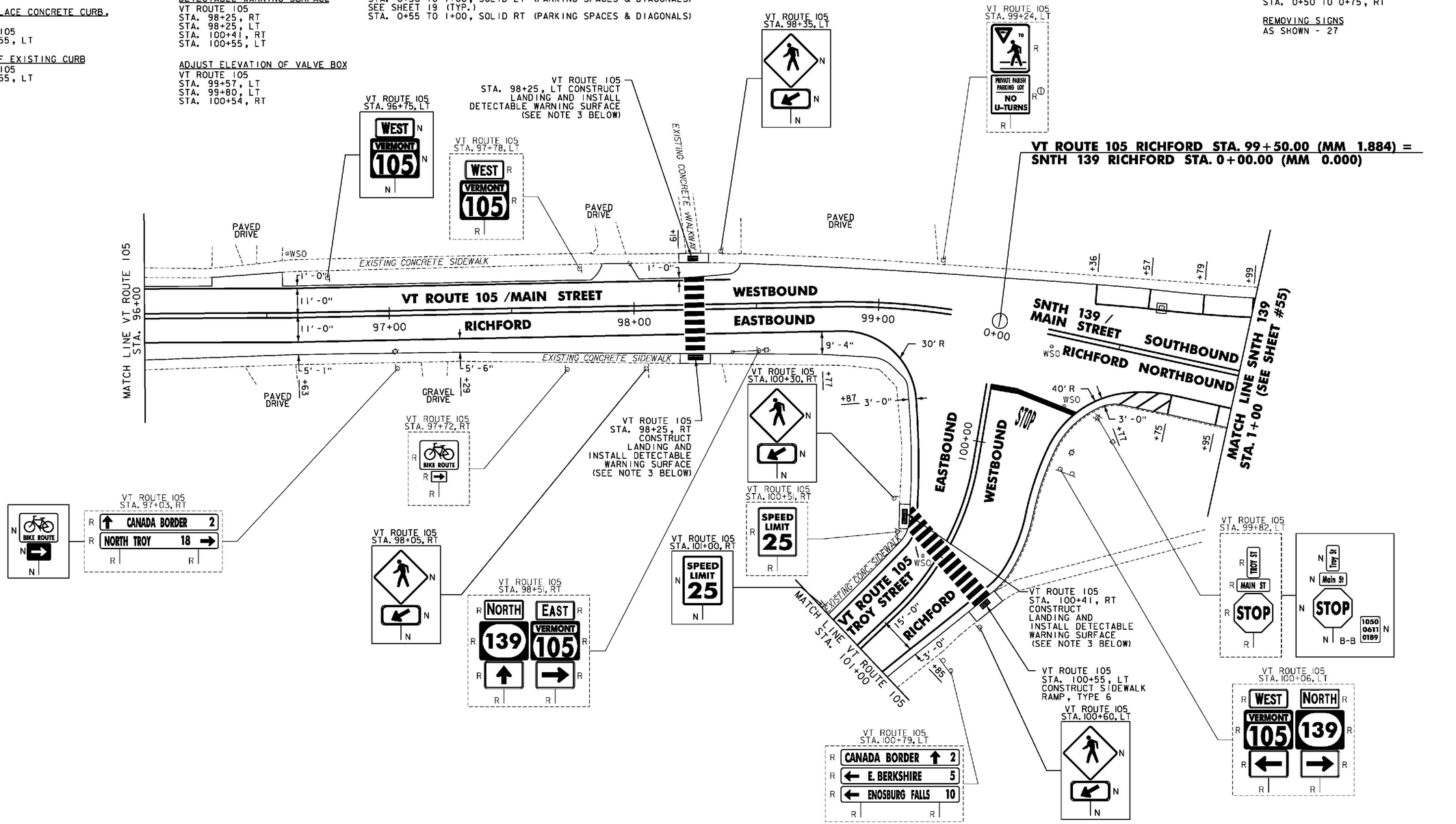
DURABLE & TEMPORARY 24 INCH STOP BAR
VT ROUTE 105
STA. 99+77, LT

DURABLE AND TEMPORARY LETTER OR SYMBOL
VT ROUTE 105
STA. 99+87, LT "STOP"

DURABLE & TEMPORARY CROSSWALK MARKING
VT ROUTE 105
STA. 98+25 LT TO RT
STA. 100+41, RT TO 100+55, LT
SEE SHEET 19 (TYP.)

PAINTED CURB
SNTH 139
STA. 0+50 TO 0+75, RT

REMOVING SIGNS
AS SHOWN - 27




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #26**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312126.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 47 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 103+54, LT
STA. 103+57, RT
STA. 104+87, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 103+08, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 102+80, LT
STA. 103+15, LT

DETECTABLE WARNING SURFACE
STA. 102+80, LT
STA. 103+15, LT

ADJUST ELEVATION OF VALVE BOX
STA. 102+10, LT
STA. 102+88, RT
STA. 102+91, RT
STA. 102+95, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 101+00 TO 105+00, SOLID LT & RT
STA. 101+40 TO 102+80, SOLID LT
(PARKING SPACES & DIAGONALS)
SEE SHEET 19
STA. 103+59 TO 105+00, SOLID RT (NO PARKING)
SEE SHEET 19

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 101+00 TO 105+00, SOLID LT & RT
STA. 103+00, DOUBLE SOLID LT (WILLOW ST.)

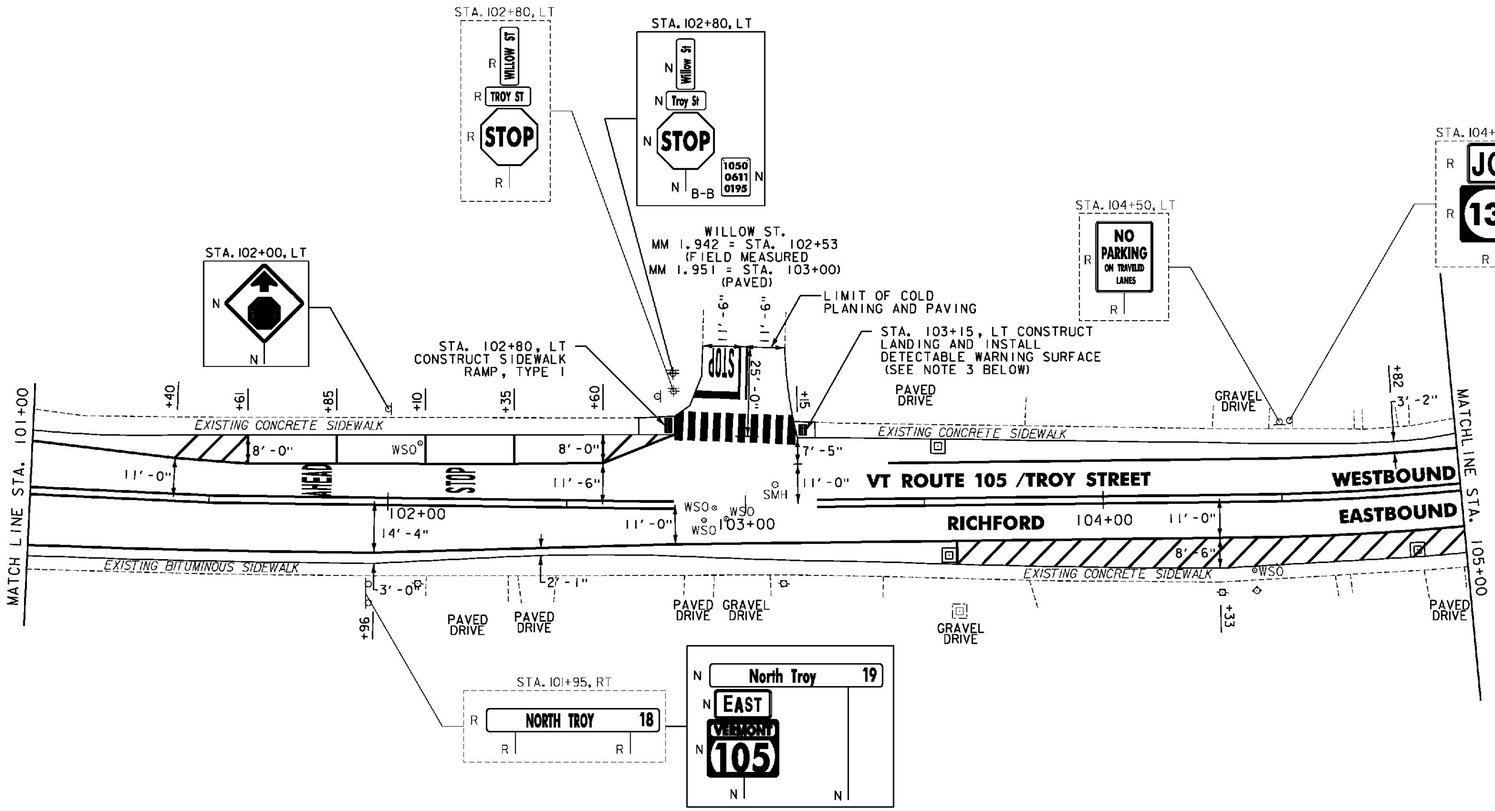
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 103+00, LT (WILLOW ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 101+80, LT "AHEAD"
STA. 102+20, LT "STOP"
STA. 103+00, LT "STOP" (WILLOW ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 103+00, LT (WILLOW ST.)
SEE SHEET 19 (TYP.)

PAINTED CURB
STA. 101+40 TO 101+61, LT
STA. 102+60 TO 102+80, LT

REMOVING SIGNS
AS SHOWN - 7




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #27**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312l27.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 105+35, RT
STA. 106+22, RT
STA. 106+30, LT
STA. 106+63, RT
STA. 106+93, RT
STA. 106+99, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 106+23, RT (PAVED OVER)
STA. 106+25, LT (PAVED OVER)

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 106+26, RT
STA. 107+00, RT
STA. 107+00, RT

DETECTABLE WARNING SURFACE
STA. 106+26, RT
STA. 107+00, RT
STA. 107+00, RT

ADJUST ELEVATION OF VALVE BOX
STA. 106+84, RT
STA. 106+88, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 105+00 TO 106+20, SOLID RT (NO PARKING)
SEE SHEET 19
STA. 105+00 TO 110+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 105+00 TO 110+00, SOLID LT & RT
STA. 106+62, DOUBLE SOLID RT (CENTER ST.)

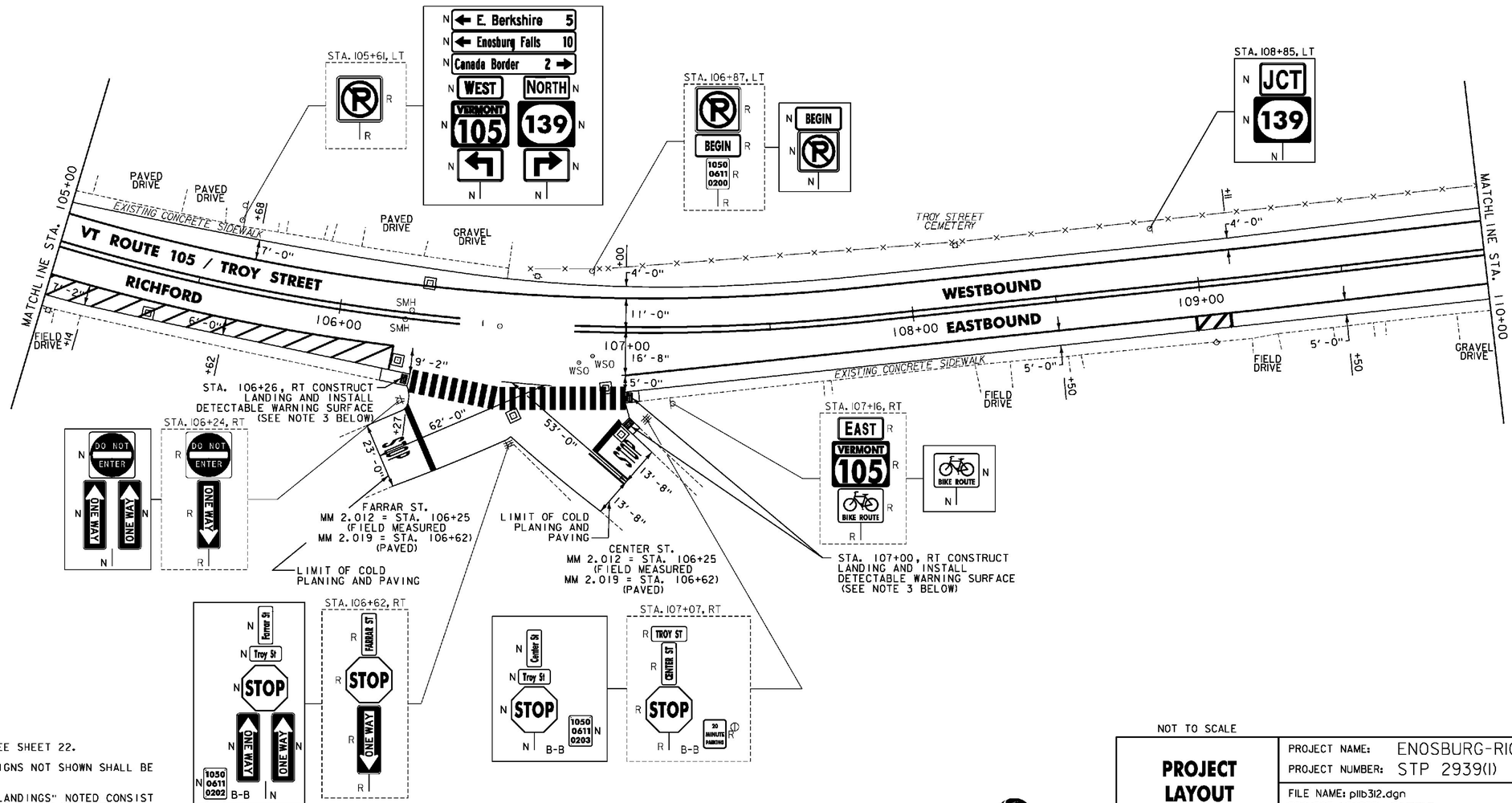
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 108+98 TO 109+10, RT (HYDRANT)
SEE SHEET 19

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 106+62, RT (FARRAR ST.)
STA. 106+62, RT (CENTER ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 106+62, RT "STOP" (FARRAR ST.)
STA. 106+62, RT "STOP" (CENTER ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 106+26 TO 107+00, RT
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 16




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #28**

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312128.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 49 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 113+17, RT
STA. 113+91, RT
STA. 114+20, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 114+04, RT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 113+92, RT

REMOVAL OF EXISTING CURB
STA. 113+92, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 113+92, RT
STA. 114+28, RT

DETECTABLE WARNING SURFACE
STA. 113+92, RT
STA. 114+28, RT

ADJUST ELEVATION OF VALVE BOX
STA. 114+13, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 110+00 TO 115+00, SOLID LT & RT

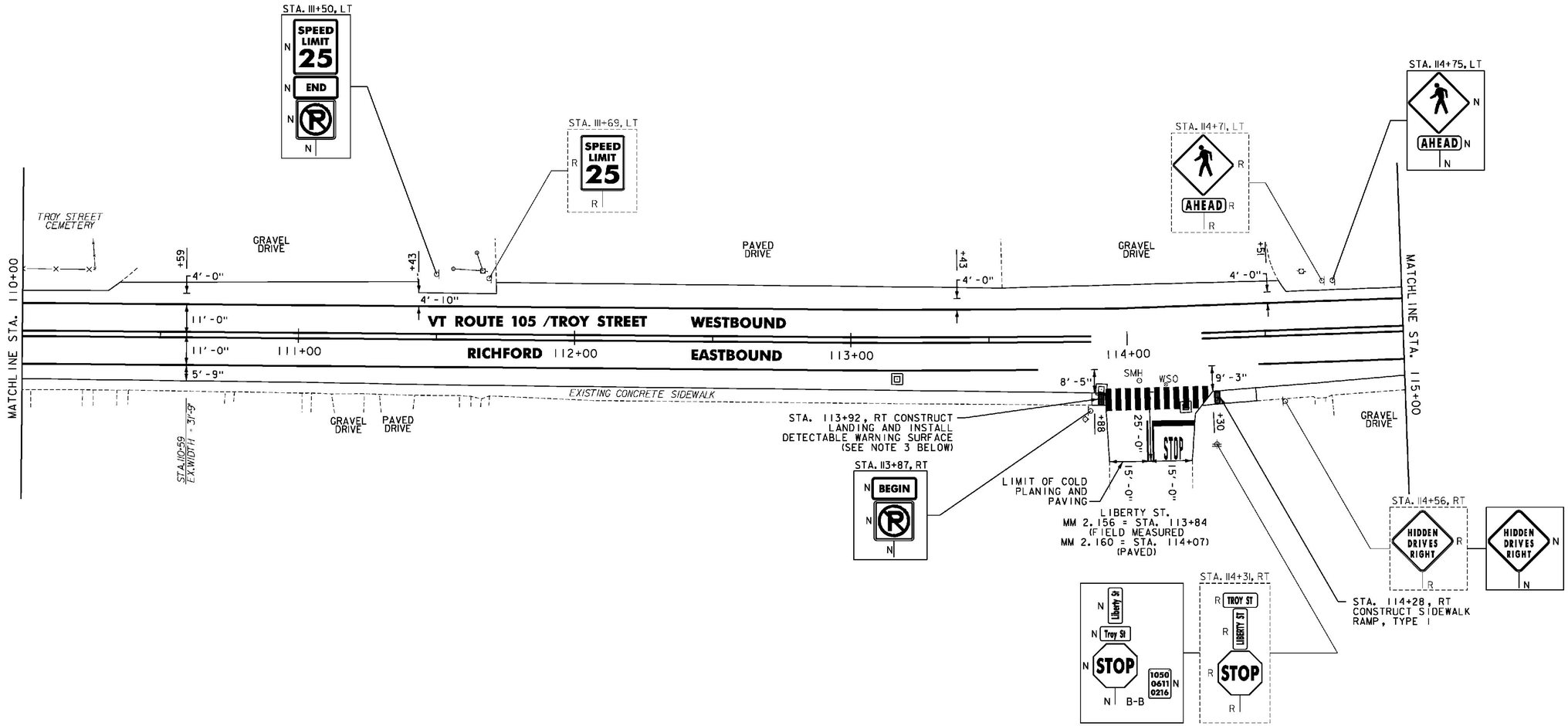
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 110+00 TO 115+00, SOLID LT & RT
STA. 114+07, DOUBLE SOLID RT (LIBERTY ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 114+07, RT (LIBERTY ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 114+07, RT "STOP" (LIBERTY ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 114+07, RT (LIBERTY ST.)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 7




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #29**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

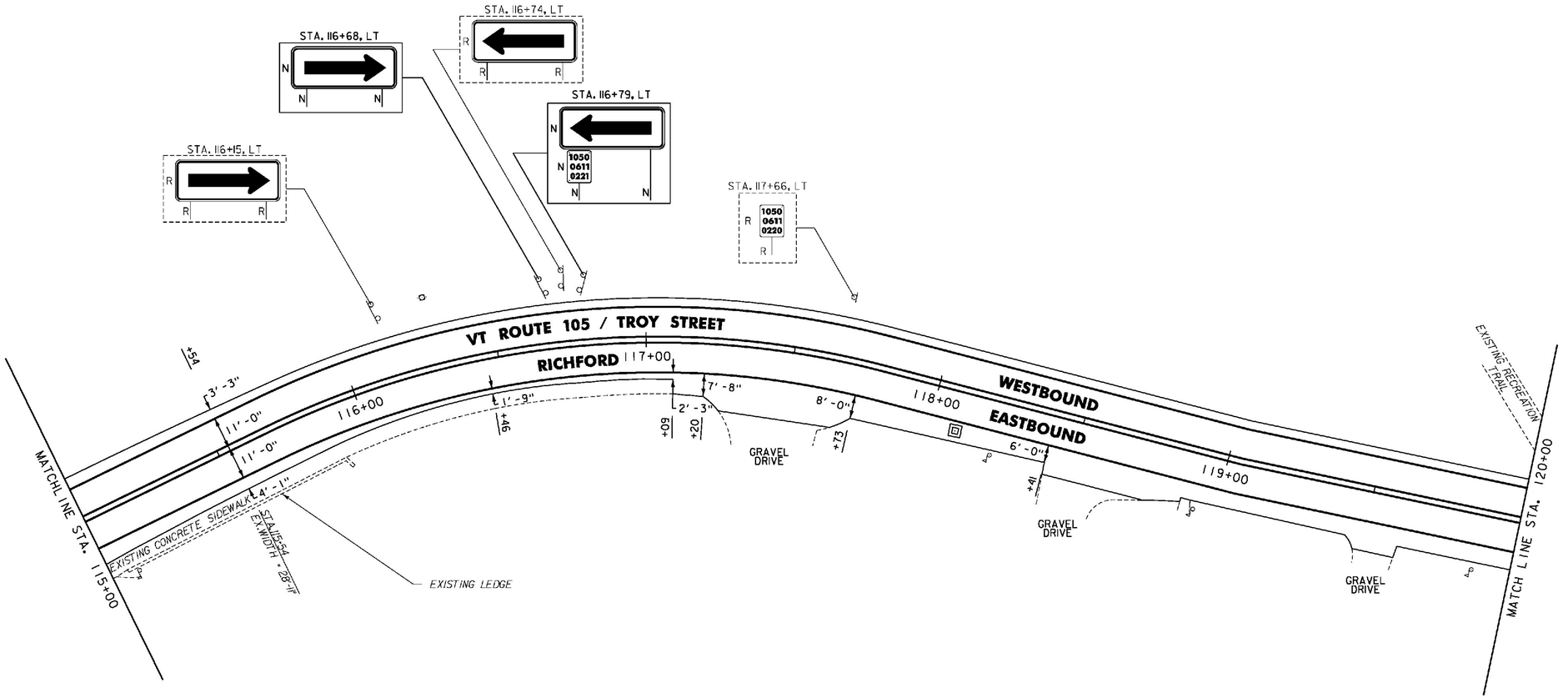
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312129.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 50 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 118+09, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 115+00 TO 120+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 115+00 TO 120+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #30**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

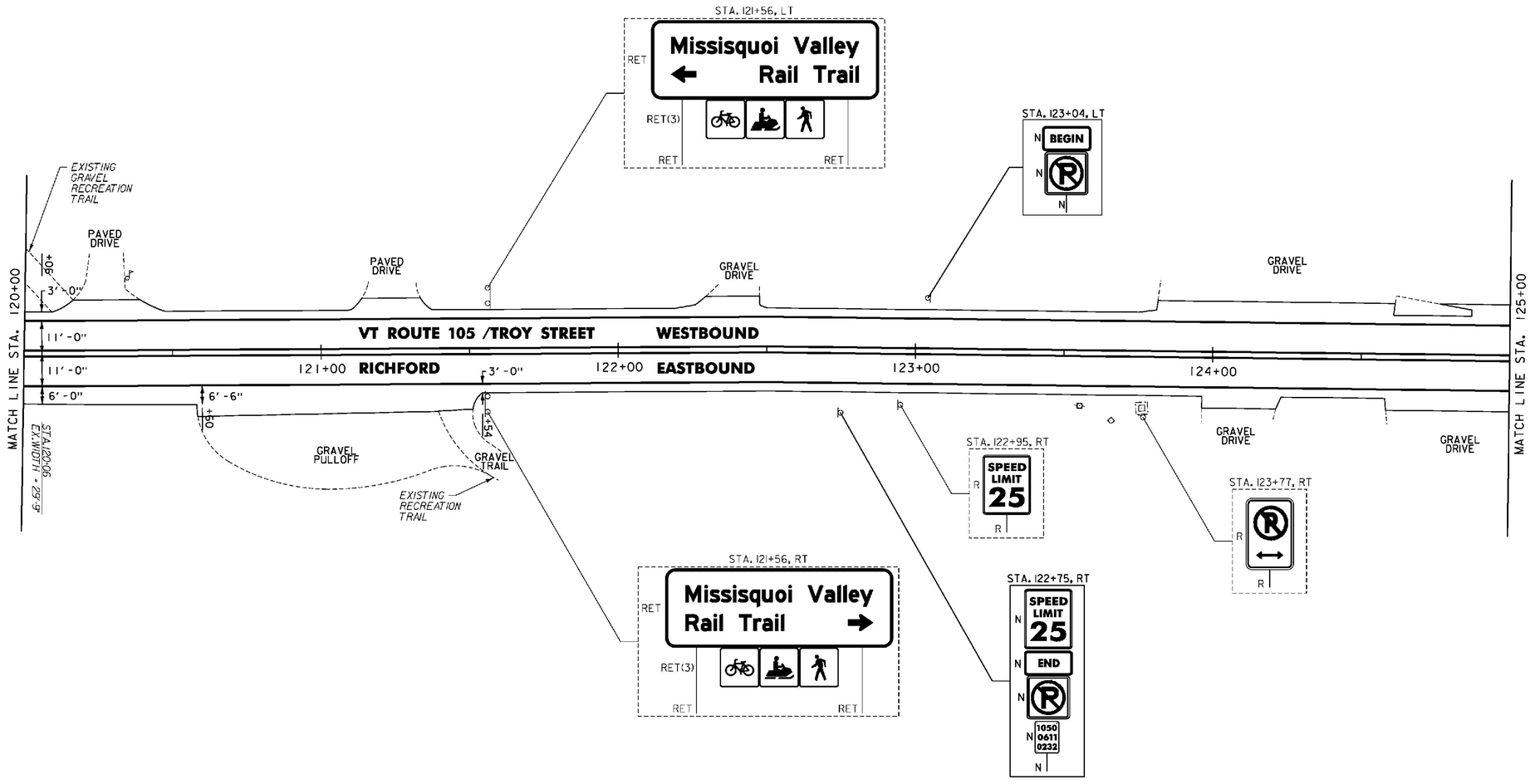
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312130.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 51 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 120+00 TO 125+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 120+00 TO 125+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #31**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312131.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 52 OF 115

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 129+87 TO 130+00, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 129+87, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 129+87 TO 130+00, LT

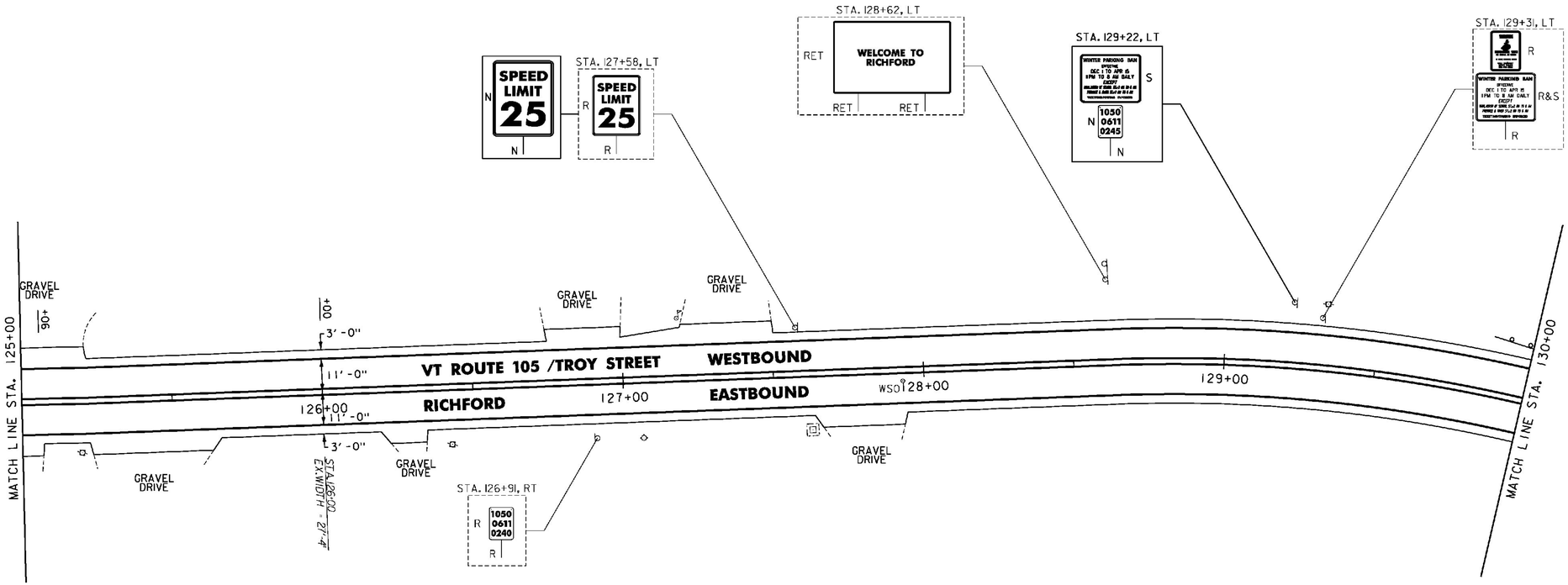
ADJUST ELEVATION OF VALVE BOX
STA. 127+93, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 125+00 TO 130+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 125+00 TO 130+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 4

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT LAYOUT SHEET #32**

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i32.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 53 OF 115

THINNING AND TRIMMING FOR SIGNS
STA. 131+01, LT
SEE SHEET 19

~~STONE FILL, TYPE I~~
~~STA. 131+57 TO 133+53.12, LT~~

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 130+00 TO 130+12, LT

STEEL BEAM GUARDRAIL, GALVANIZED
W/ 8 FEET POSTS
STA. 130+12 TO 133+89, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 130+00 TO 133+89, LT

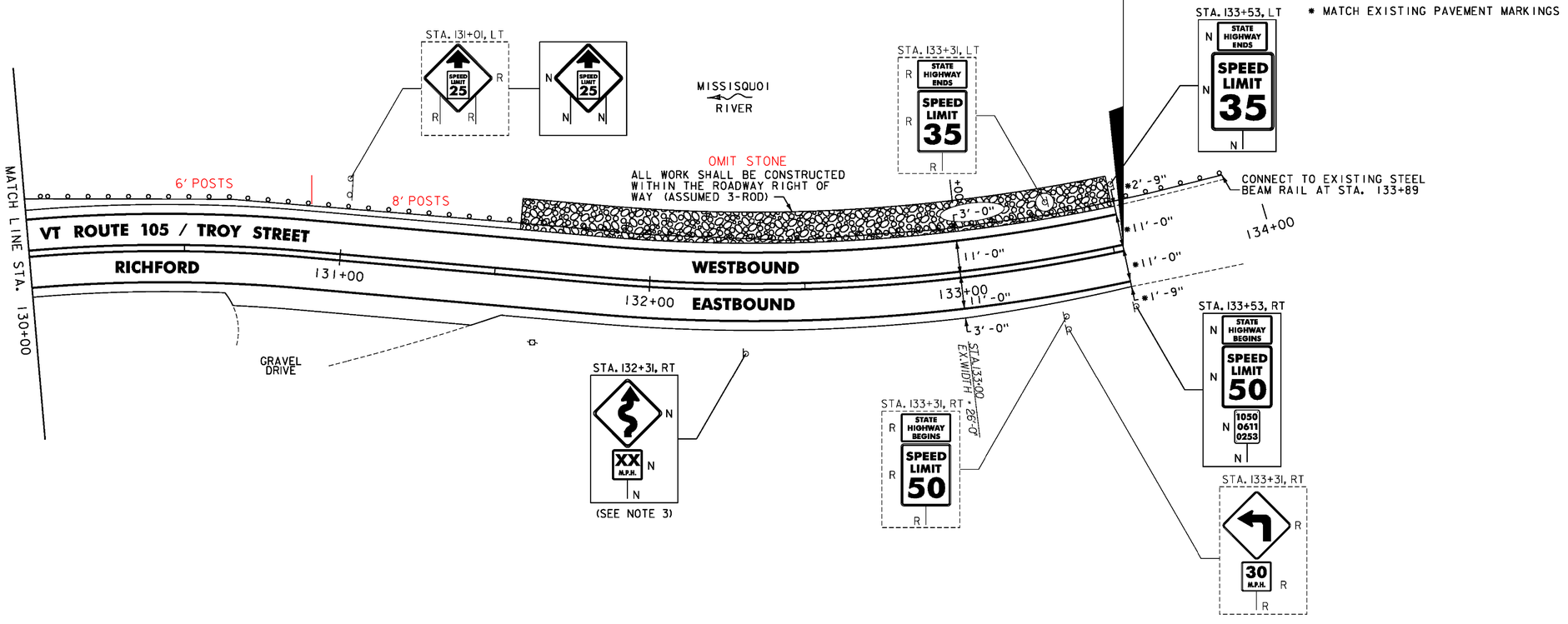
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 130+00 TO 133+53.12, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 130+00 TO 133+53.12, SOLID LT & RT

GRUBBING MATERIAL
STA. 131+57 TO 133+53.12, LT

REMOVING SIGNS
AS SHOWN - 7

**END STP 2939(1) VT ROUTE 105**
**RICHFORD STA. 133+53.12 = (MM 2.529)**




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. THE ADVISORY SPEED SHALL BE DETERMINED USING AN ESTABLISHED ENGINEERING PRACTICE AS LISTED IN SECTION 2C.08 OF THE MUTCD.

PROPOSED SLOPE EROSION REPAIR AREAS
SEE SHEET 18 FOR DETAIL

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #33**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312133.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 54 OF 115

THINNING AND TRIMMING FOR SIGNS
STA. 4+00, LT
SEE SHEET 19

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 1+46, LT

REMOVAL OF EXISTING CURB
STA. 1+46, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 1+46, LT
STA. 1+84, LT

DETECTABLE WARNING SURFACE
STA. 1+46, LT
STA. 1+84, LT

ADJUST ELEVATION OF VALVE BOX
STA. 4+37, LT
STA. 4+50, LT
STA. 4+90, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 1+00 TO 5+00, SOLID LT & RT
STA. 1+00 TO 5+00, SOLID LT & RT
(PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 1+00 TO 5+00, SOLID LT & RT
STA. 1+58, DOUBLE SOLID LT (INTERVALE AVE. TH-68)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 1+58, LT (INTERVALE AVE. TH-68)

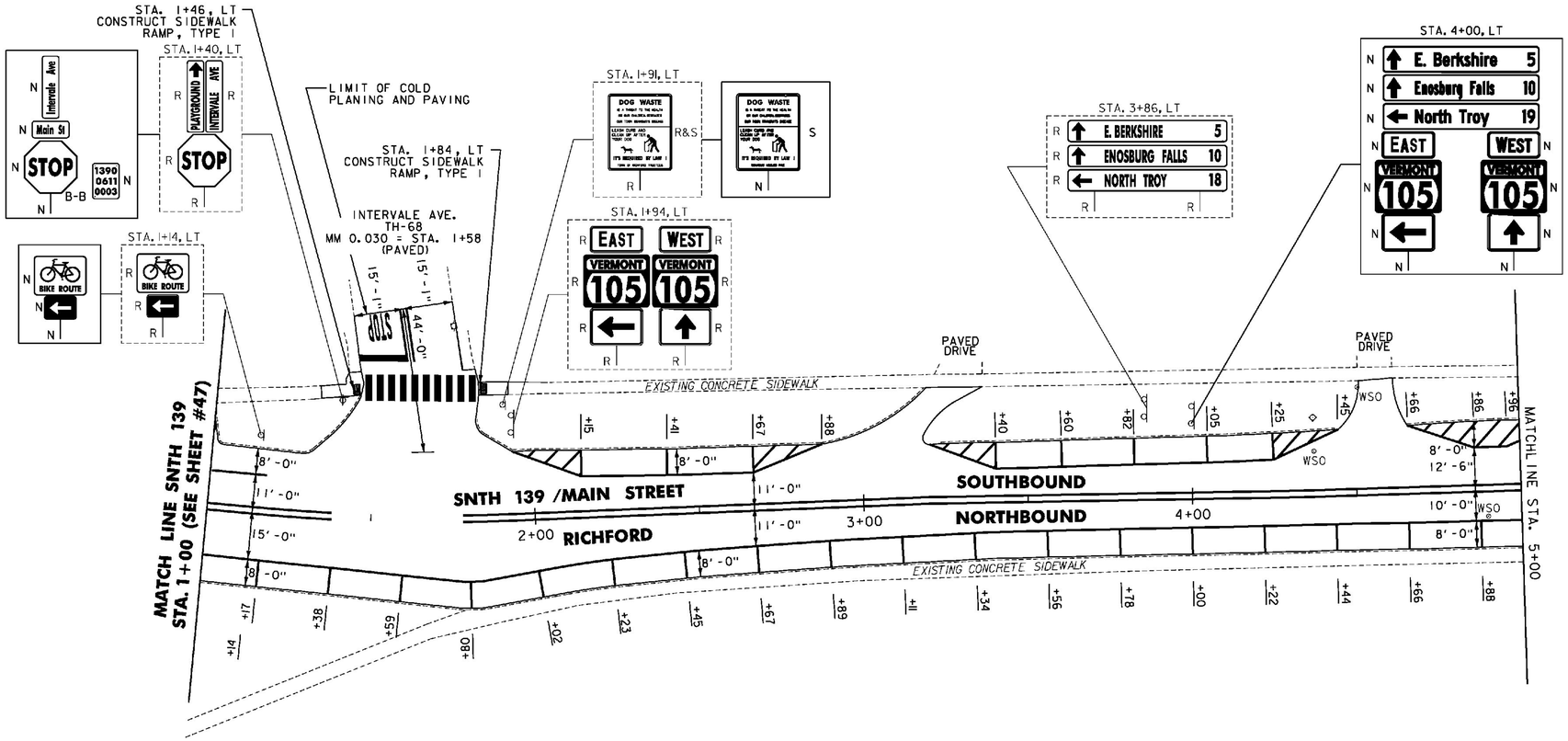
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 1+58, LT "STOP" (INTERVALE AVE. TH-68)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 1+58, LT (INTERVALE AVE. TH-68)
SEE SHEET 19 (TYP.)

PAINTED CURB
STA. 1+94 TO 2+15, LT
STA. 2+67 TO 2+88, LT
STA. 3+20 TO 3+40, LT
STA. 4+25 TO 4+45, LT
STA. 4+66 TO 5+00, LT

REMOVING SIGNS
AS SHOWN - 15

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #34**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312134.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 55 OF 115

THINNING AND TRIMMING FOR SIGNS
STA. 6+32, LT
STA. 7+41, LT
SEE SHEET 19

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 5+06, LT
STA. 5+26, LT
STA. 6+66, LT
STA. 6+76, RT
STA. 7+79, LT
STA. 8+31, LT
STA. 8+45, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 7+42, LT
STA. 7+42, RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 5+62, RT
STA. 7+29, RT
STA. 7+95, LT
STA. 8+22, LT

DETECTABLE WARNING SURFACE
STA. 5+62, RT
STA. 7+29, RT
STA. 7+95, LT
STA. 8+22, LT

ADJUST ELEVATION OF VALVE BOX
STA. 5+98, RT
STA. 6+05, RT
STA. 7+21, RT (PAVED OVER)
STA. 7+55, RT
STA. 7+95, RT
STA. 8+72, LT
STA. 9+86, LT

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
STA. 5+00 TO 10+00, SOLID LT & RT
(PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 5+00 TO 10+00, SOLID LT & RT
STA. 8+03, DOUBLE SOLID LT (SCHOOL ST. TH-67)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 8+03, LT (SCHOOL ST. TH-67)

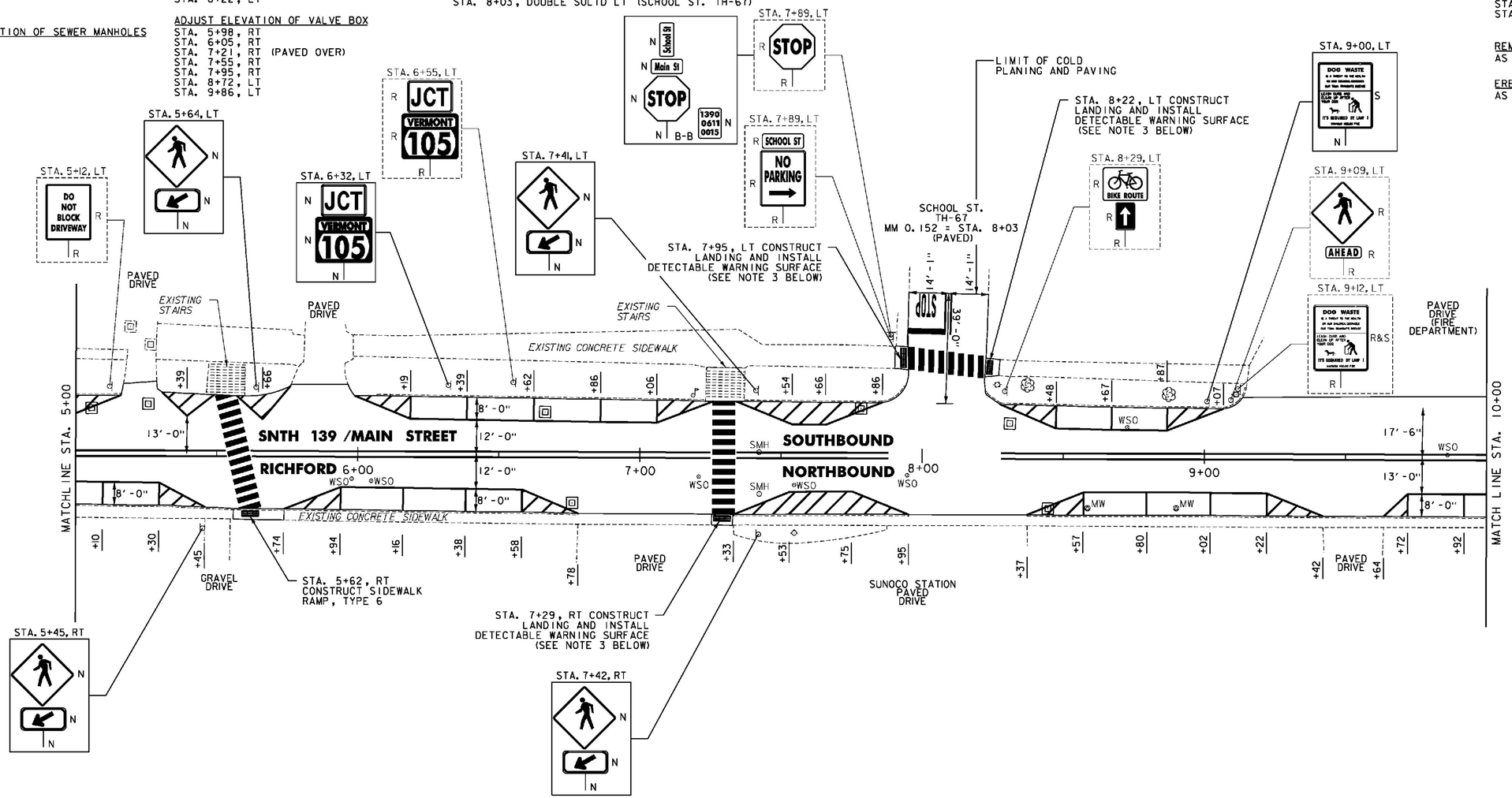
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 8+03, LT "STOP" (SCHOOL ST. TH-67)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 5+53, LT TO 5+62, RT
STA. 7+30, LT TO RT
STA. 8+03, LT (SCHOOL ST. TH-67)
SEE SHEET 19 (TYP.)

PAINTED CURB
STA. 5+00 TO 5+16, LT
STA. 5+30 TO 5+45, RT
STA. 5+74 TO 5+94, RT
STA. 5+99 TO 6+19, LT
STA. 6+58 TO 6+78, RT
STA. 7+06 TO 7+20, LT
STA. 7+33 TO 7+95, RT
STA. 7+34 TO 7+86, LT
STA. 8+28 TO 8+48, LT
STA. 8+37 TO 8+57, RT
STA. 8+87 TO 9+07, LT
STA. 9+22 TO 9+42, RT
STA. 9+64 TO 9+72, RT

REMOVING SIGNS
AS SHOWN - 11

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #35**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312l35.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 56 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 10+34, LT
STA. 10+46, LT
STA. 10+70, LT
STA. 11+92, RT
STA. 11+93, LT
STA. 13+01, RT
STA. 13+02, LT
STA. 13+45, RT
STA. 13+45, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 10+15, RT
STA. 10+87, RT
STA. 11+58, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 10+74, LT

REMOVAL OF EXISTING CURB
STA. 10+74, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 10+74, LT
STA. 11+48, RT
STA. 11+48, LT

DETECTABLE WARNING SURFACE
STA. 10+74, LT
STA. 11+48, RT
STA. 11+48, LT

ADJUST ELEVATION OF VALVE BOX
STA. 10+48, LT
STA. 10+50, LT
STA. 10+67, LT
STA. 10+67, RT
STA. 11+03, RT
STA. 11+41, LT
STA. 12+99, LT
STA. 13+01, LT
STA. 13+03, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 10+00 TO 14+00, SOLID LT & RT
STA. 10+00 TO 14+00, SOLID LT & RT (PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 10+00 TO 14+00, SOLID LT & RT
STA. 10+51, DOUBLE SOLID LT (POWELL ST. TH-65)

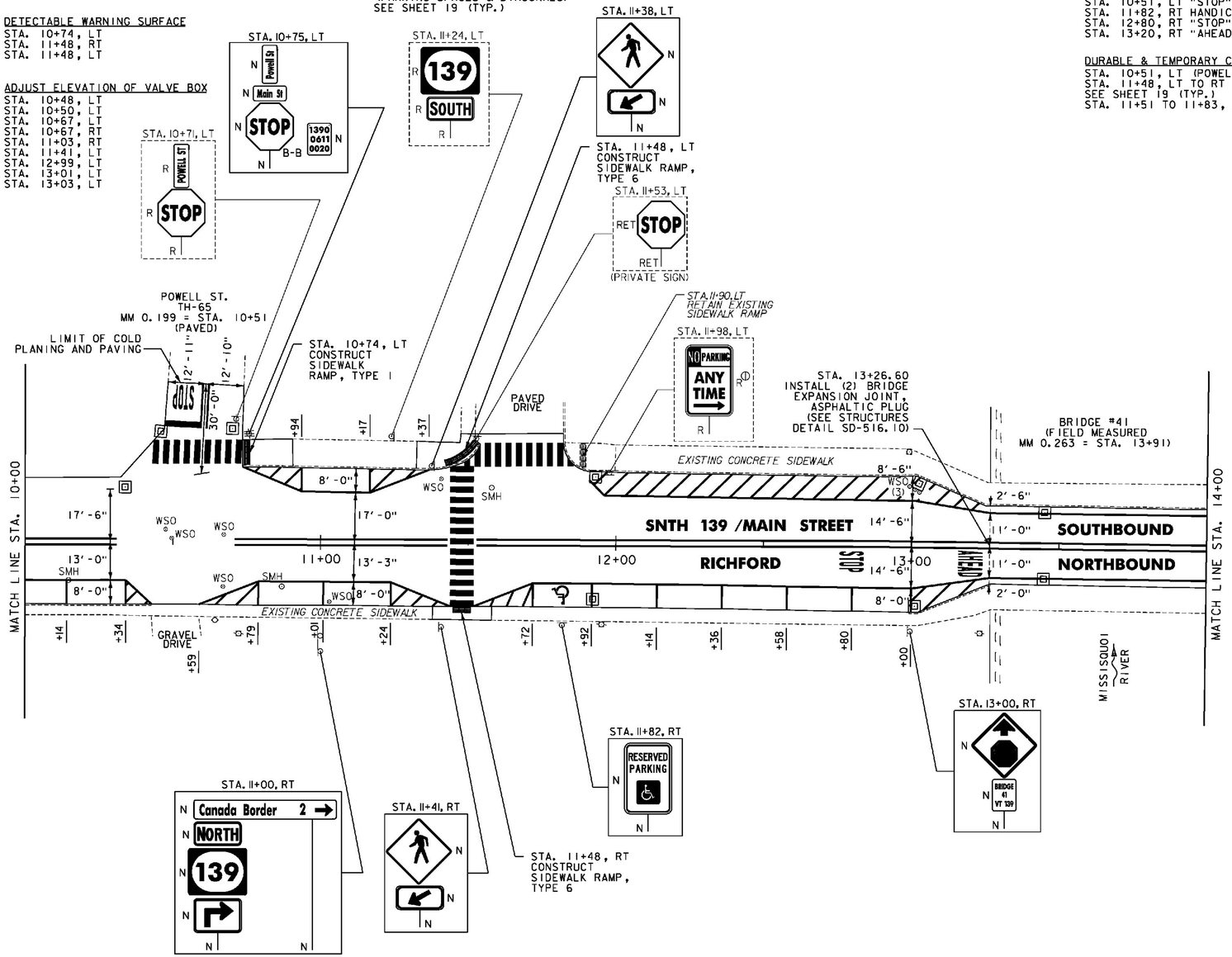
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 10+51, LT (POWELL ST. TH-65)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 10+51, LT "STOP" (POWELL ST. TH-65)
STA. 11+82, RT HANDICAP SYMBOL
STA. 12+80, RT "STOP"
STA. 13+20, RT "AHEAD"

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 10+51, LT (POWELL ST. TH-65)
STA. 11+48, LT TO RT
SEE SHEET 19 (TYP.)
STA. 11+51 TO 11+83, LT

PAINTED CURB
STA. 10+34 TO 10+43, RT
STA. 10+74 TO 10+94, LT
STA. 11+17 TO 11+37, LT
STA. 11+96 TO 13+25, LT
STA. 13+00 TO 13+27, RT

REMOVING SIGNS
AS SHOWN - 5




NOT TO SCALE

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #36**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i36.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 57 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 14+34, RT
STA. 14+35, LT
STA. 14+67, RT
STA. 15+39, LT
STA. 15+65, RT
STA. 15+72, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 15+51, LT
STA. 15+67, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 15+41, LT
STA. 15+59, RT
STA. 15+73, LT

REMOVAL OF EXISTING CURB
STA. 15+41, LT
STA. 15+59, RT
STA. 15+73, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 14+98, LT
STA. 15+26, LT
STA. 15+41, LT
STA. 15+59, RT
STA. 15+73, LT

DETECTABLE WARNING SURFACE
STA. 14+98, LT
STA. 15+26, LT
STA. 15+41, LT
STA. 15+59, RT
STA. 15+73, LT

ADJUST ELEVATION OF VALVE BOX
STA. 15+09, LT
STA. 15+13, LT
STA. 15+26, LT
STA. 15+57, RT
STA. 15+69, RT
STA. 15+78, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 14+00 TO 17+00, SOLID LT & RT
STA. 14+99 TO 17+00, SOLID RT (PARKING SPACES & DIAGONALS) SEE SHEET 19 (TYP.)
STA. 15+80 TO 17+00, SOLID LT (PARKING SPACES & DIAGONALS)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 14+00 TO 17+00, SOLID LT & RT
STA. 15+26, DOUBLE SOLID LT (RIVER ST.)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 14+90, RT
STA. 15+26, LT (RIVER ST.)
STA. 15+62, LT (TOWN ST. TH-60)
STA. 15+83, LT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 14+80, RT "STOP"
STA. 15+26, LT "STOP" (RIVER ST.)
STA. 15+62, LT "STOP" (TOWN ST. TH-60)
STA. 15+93, LT "STOP"
STA. 16+06, RT HANDICAP SYMBOL
STA. 16+26, RT HANDICAP SYMBOL

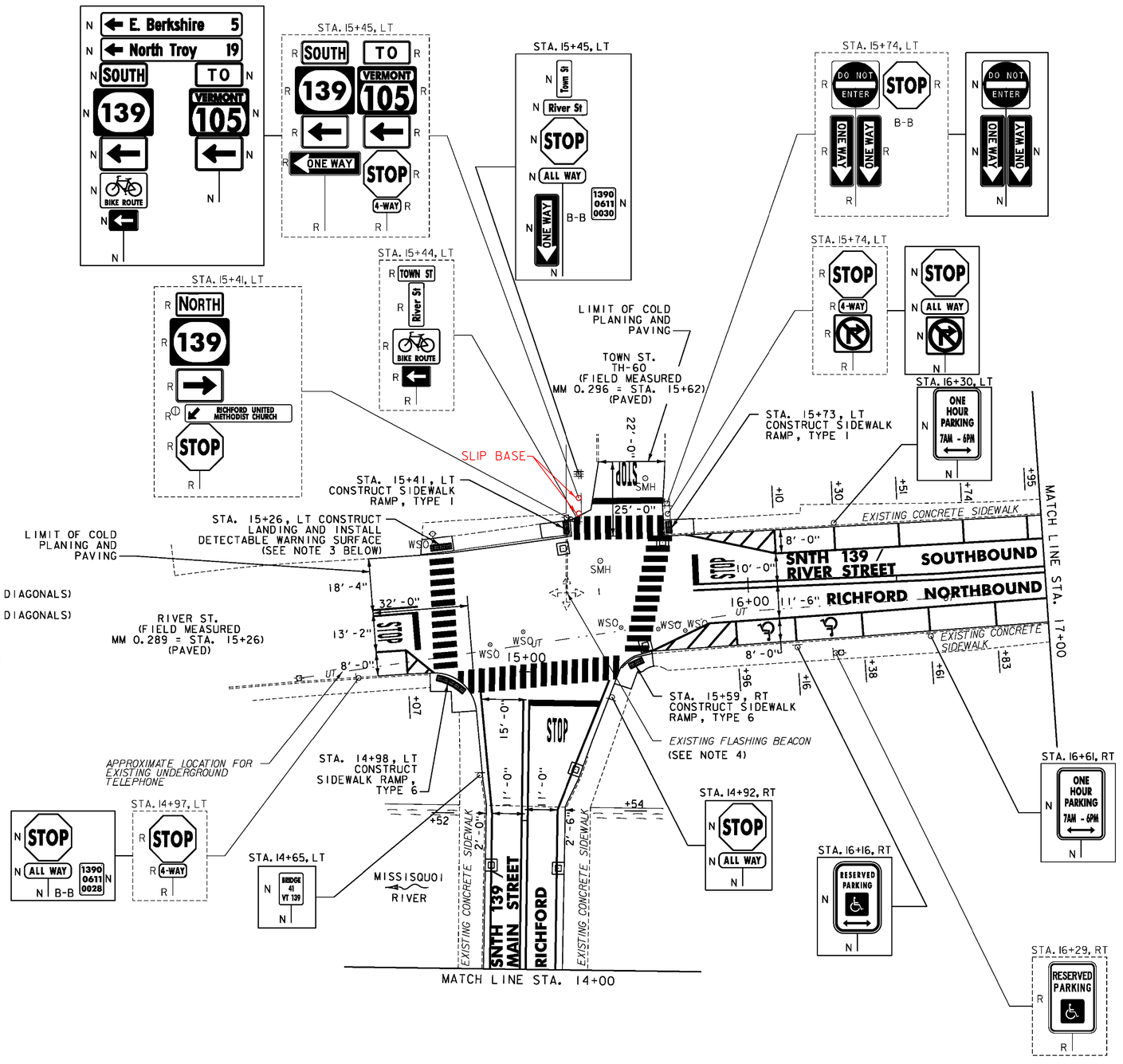
DURABLE & TEMPORARY CROSSWALK MARKING
STA. 14+98, LT TO 15+02, RT
STA. 15+26, LT (RIVER ST.)
STA. 15+59, RT TO 15+73, LT
STA. 15+62, LT (TOWN ST. TH-60)
SEE SHEET 19 (TYP.)

PAINTED CURB
STA. 14+99 TO 14+99, LT
STA. 15+67 TO 15+96, RT
STA. 15+80 TO 16+10, LT

REMOVING SIGNS
AS SHOWN - 28

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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.
4. SEE SHEET 112 FOR FLASHING BEACON DETAIL.
5. UNIFORMED TRAFFIC OFFICERS CAN DIRECT TRAFFIC AND FLAGGERS CAN ONLY STOP AND RELEASE TRAFFIC.




NOT TO SCALE

**PROJECT LAYOUT SHEET #37**

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312I37.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 58 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 18+07, RT
STA. 18+25, LT
STA. 21+53, LT
STA. 21+54, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 17+92, LT
STA. 21+28, LT

CAST-IN-PLACE CONCRETE CURB, TYPE B
STA. 17+82, RT

REMOVAL OF EXISTING CURB
STA. 17+82, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 21+29 TO 22+00, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 17+82, RT
STA. 19+00, RT
STA. 19+01, LT
STA. 20+94, LT
STA. 21+16, RT
STA. 21+28, LT
STA. 21+45, RT

DETECTABLE WARNING SURFACE
STA. 17+82, RT
STA. 19+00, RT
STA. 19+01, LT
STA. 20+94, LT
STA. 21+16, RT
STA. 21+28, LT
STA. 21+45, RT

ADJUST ELEVATION OF VALVE BOX
STA. 17+75, RT
STA. 17+91, RT
STA. 17+95, RT
STA. 18+25, RT
STA. 19+62, RT
STA. 21+38, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 17+00 TO 22+00, SOLID LT & RT
STA. 17+00 TO 21+64, SOLID RT (PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 17+00 TO 20+94, SOLID LT (PARKING SPACES & DIAGONALS)
STA. 17+95, SOLID RT (EDGELINES, EASTERN AVE. TH-44)
STA. 21+17, SOLID LT (EDGELINES, CHURCH ST. TH-59)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 17+00 TO 22+00, SOLID LT & RT
STA. 17+95, DOUBLE SOLID RT (EASTERN AVE. TH-44)
STA. 21+17, DOUBLE SOLID LT (CHURCH ST. TH-59)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 17+95, RT (EASTERN AVE. TH-44)
STA. 21+17, LT (CHURCH ST. TH-59)

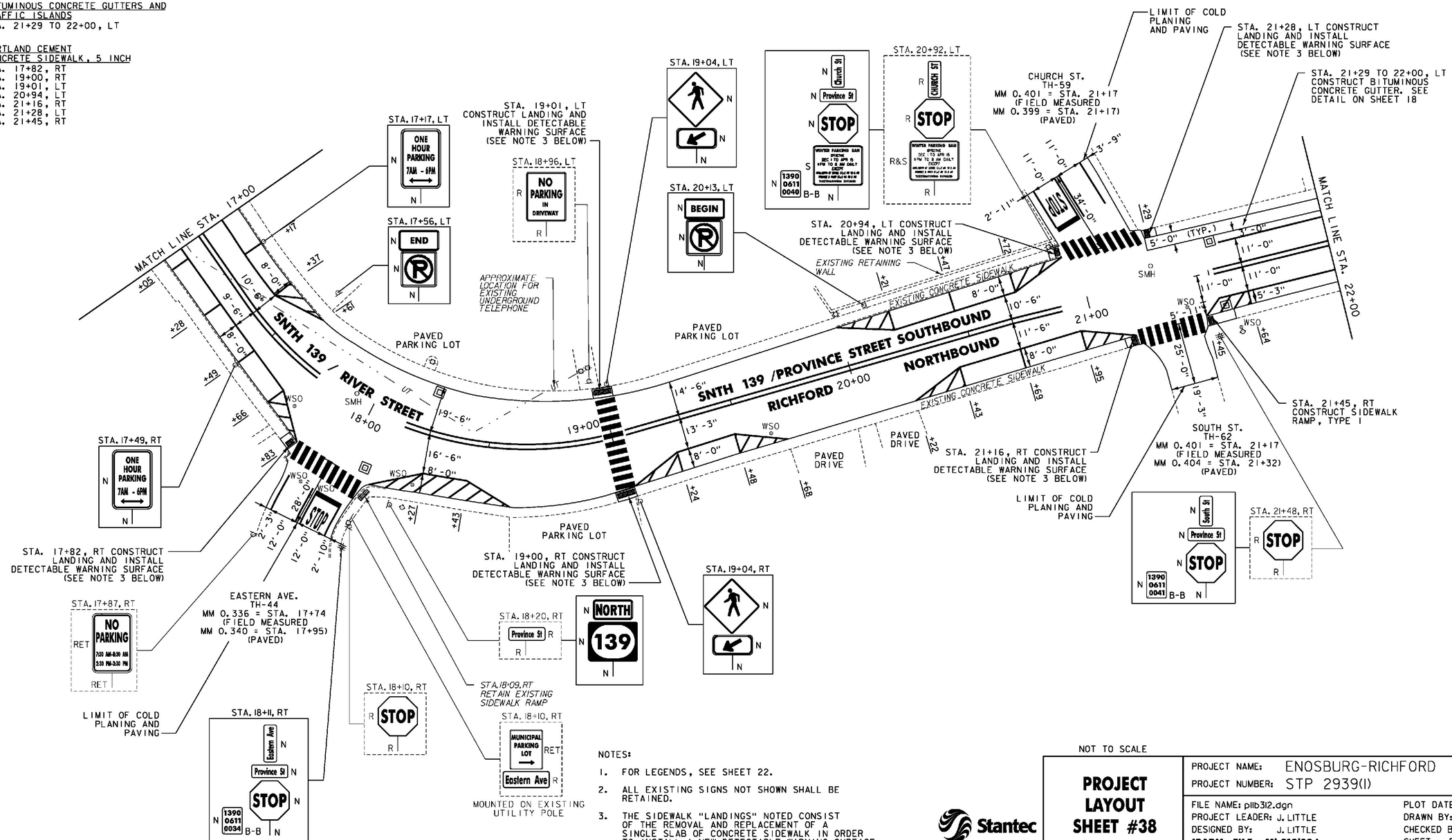
DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 17+95, RT "STOP" (EASTERN AVE. TH-44)
STA. 21+17, LT "STOP" (CHURCH ST. TH-59)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 17+95, RT (EASTERN AVE. TH-44)
STA. 19+01, LT TO RT
STA. 21+17, LT (CHURCH ST. TH-59)
STA. 21+32, RT (SOUTH ST. TH-62)
SEE SHEET 19 (TYP.)

PAINTED CURB
STA. 17+37 TO STA. 17+61, LT
STA. 17+66 TO STA. 17+83, RT
STA. 18+09 TO STA. 18+60, RT
STA. 19+05 TO 19+24, RT
STA. 19+48 TO 19+68, RT
STA. 20+00 TO STA. 20+21, LT
STA. 20+22 TO 20+43, RT
STA. 20+72 TO STA. 20+94, LT
STA. 20+95 TO 21+16, RT
STA. 21+45 TO 21+64, RT

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #38**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312i38.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 59 OF 115

REHAB. Dis. CBs OR MHs. CLASS I OR II
STA. 25+77, LT
STA. 26+36, RT
STA. 26+61, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 26+23, LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 22+00 TO 25+82, LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
STA. 25+87, LT
STA. 26+27, LT

DETECTABLE WARNING SURFACE
STA. 25+87, LT
STA. 26+27, LT

ADJUST ELEVATION OF VALVE BOX
STA. 26+08, RT
STA. 26+56, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 22+00 TO 27+00, SOLID LT & RT
STA. 26+07, SOLID LT (EDGELINES, ELM ST. TH-57)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 22+00 TO 27+00, SOLID LT & RT
STA. 26+07, DOUBLE SOLID LT (ELM ST. TH-57)

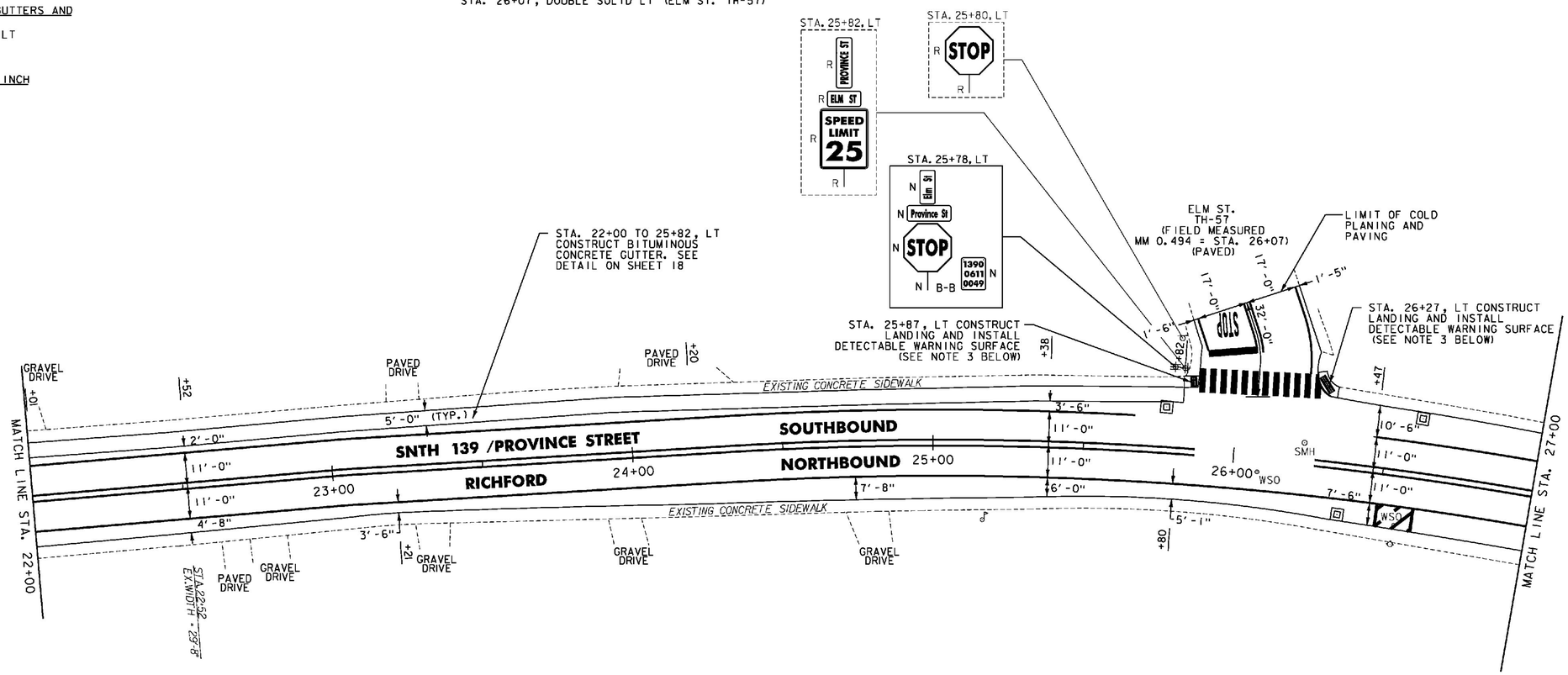
DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 26+49 TO 26+61, RT (HYDRANT)
SEE SHEET 19

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 26+07, LT (ELM ST. TH-57)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 26+07, LT "STOP" (ELM ST. TH-57)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 26+07, LT (ELM ST. TH-57
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 4




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
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

**PROJECT LAYOUT SHEET #39**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312139.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 60 OF 115

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 27+67, LT
STA. 28+13, LT

DETECTABLE WARNING SURFACE
STA. 27+67, LT
STA. 28+13, LT

ADJUST ELEVATION OF VALVE BOX
STA. 27+98, RT
STA. 31+92, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 27+00 TO 32+00, SOLID LT & RT
STA. 27+89, SOLID LT (EDGELINES, DEWEY ST.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 27+00 TO 32+00, SOLID LT & RT
STA. 27+89, DOUBLE SOLID LT (DEWEY ST.)

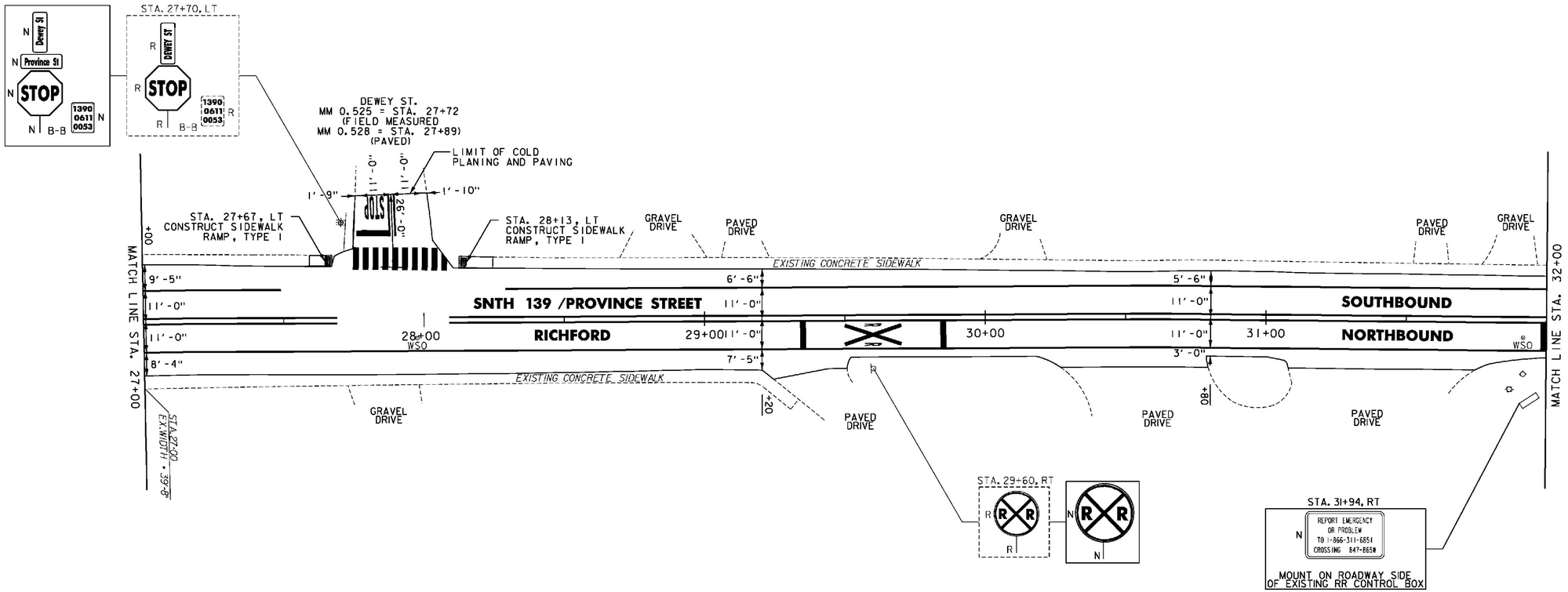
DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 27+89, LT (DEWEY ST.)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 27+89, LT "STOP" (DEWEY ST.)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 27+89, LT (DEWEY ST.)
SEE SHEET 19 (TYP.)

DURABLE & TEMPORARY RAILROAD CROSSING SYMBOL
STA. 29+60, RT

REMOVING SIGNS
AS SHOWN - 4




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #40**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312140.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 61 OF 115

REHAB, DIs, CBs OR MHs, CLASS I OR II
STA. 32+74, RT
STA. 33+09, LT
STA. 33+80, RT
STA. 34+90, RT
STA. 35+40, RT
STA. 36+65, LT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 33+15, LT
STA. 34+85, LT

ADJUST ELEVATION OF VALVE BOX
STA. 32+01, RT
STA. 32+95, RT
STA. 34+98, RT
STA. 35+00, RT
STA. 35+04, RT
STA. 35+19, RT
STA. 35+28, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 32+00 TO 37+00, SOLID LT & RT

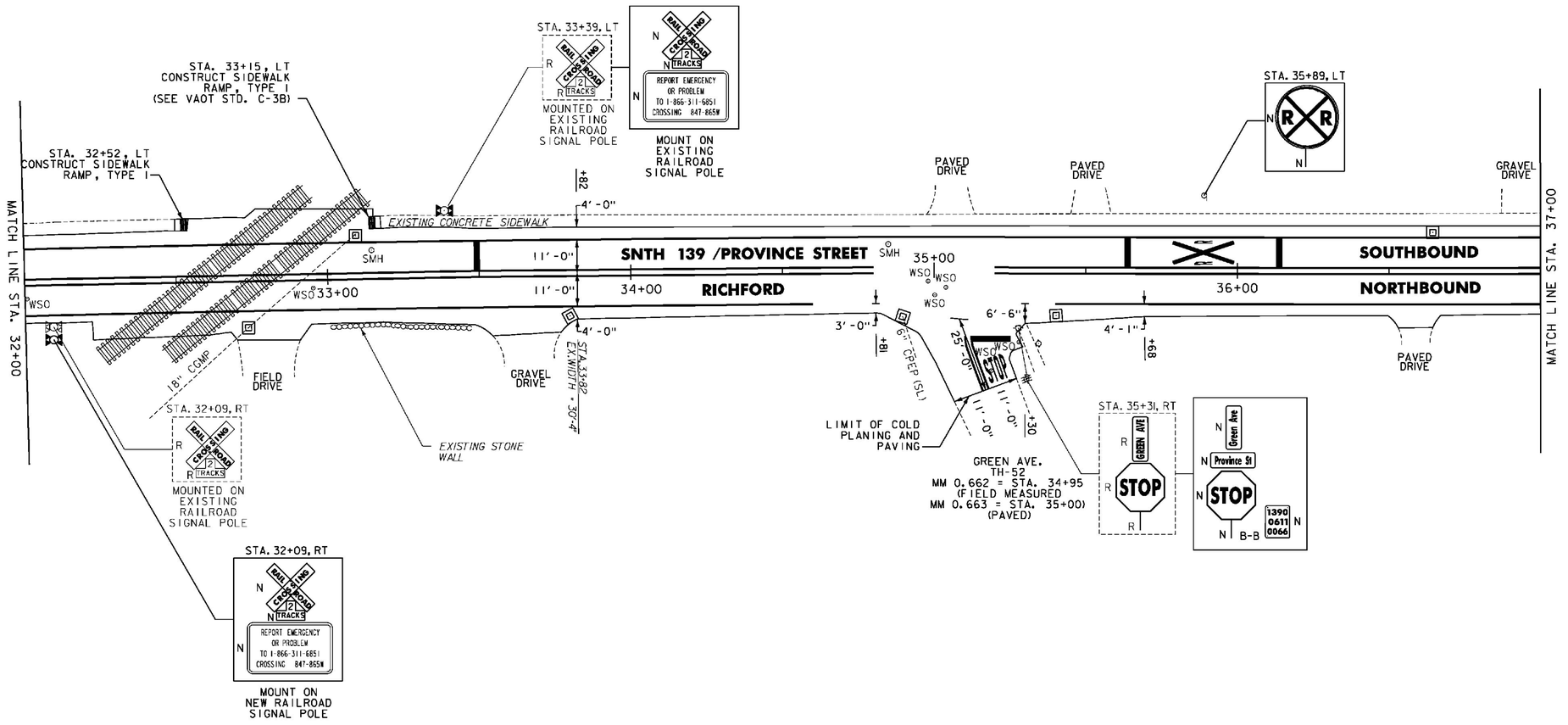
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 32+00 TO 37+00, SOLID LT & RT
STA. 35+00, DOUBLE SOLID RT (GREEN AVE. TH-52)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 35+00, RT (GREEN AVE. TH-52)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 35+00, RT "STOP" (GREEN AVE. TH-52)

DURABLE & TEMPORARY RAILROAD CROSSING SYMBOL
STA. 35+89, LT

REMOVING SIGNS
AS SHOWN - 6




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. FOR RAILROAD CROSSING DETAILS, SEE SHEET 17.

Stantec

**PROJECT LAYOUT SHEET #41**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312141.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 62 OF 115

REHAB. DIs. CBs OR MHs, CLASS I OR II
STA. 37+51, RT
STA. 38+60, RT
STA. 40+21, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 38+02, LT (MH UNKNOWN)
STA. 41+16, LT

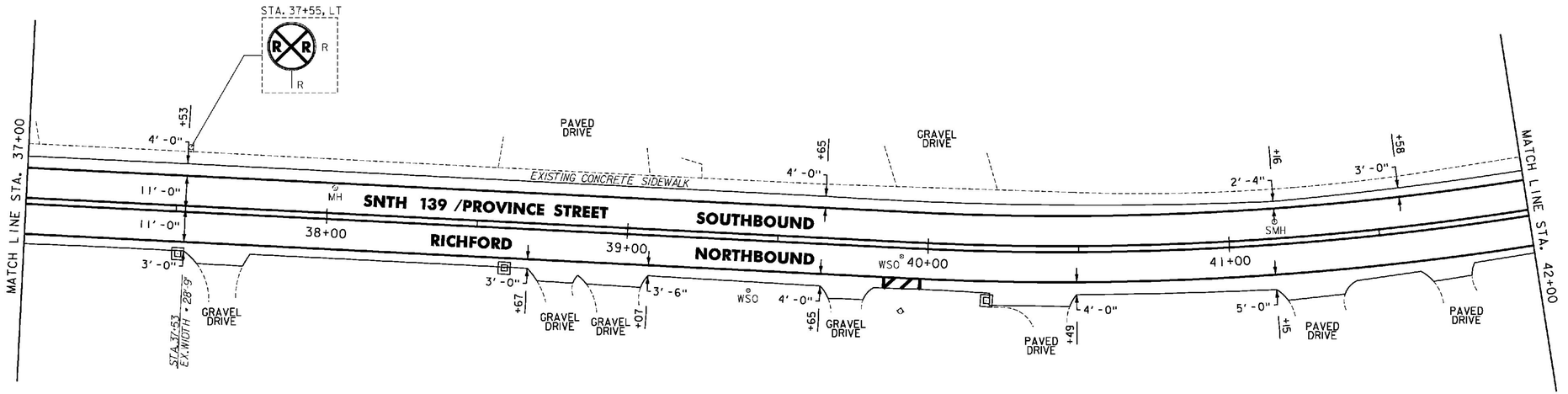
ADJUST ELEVATION OF VALVE BOX
STA. 39+91, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 37+00 TO 42+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 37+00 TO 42+00, SOLID LT & RT

DURABLE & TEMPORARY 8 INCH WHITE LINE
STA. 39+86 TO 39+98, RT (HYDRANT)
SEE SHEET 19

REMOVING SIGNS
AS SHOWN - 1




NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #42**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312142.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 63 OF 115

REHAB, DIs, CBs OR MHs, CLASS I OR II
STA. 46+08, RT

CHANGING ELEVATION OF SEWER MANHOLES
STA. 46+33, LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
STA. 43+81, LT
STA. 44+58, LT

DETECTABLE WARNING SURFACE
STA. 43+81, LT
STA. 44+58, LT

ADJUST ELEVATION OF VALVE BOX
STA. 43+88, RT
STA. 43+95, RT
STA. 46+22, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 42+00 TO 47+00, SOLID LT & RT
STA. 44+21, SOLID LT (EDGELINES, WEBSTER ST. TH-51)
STA. 45+88, SOLID RT (EDGELINES, KINGS CT. TH-82)

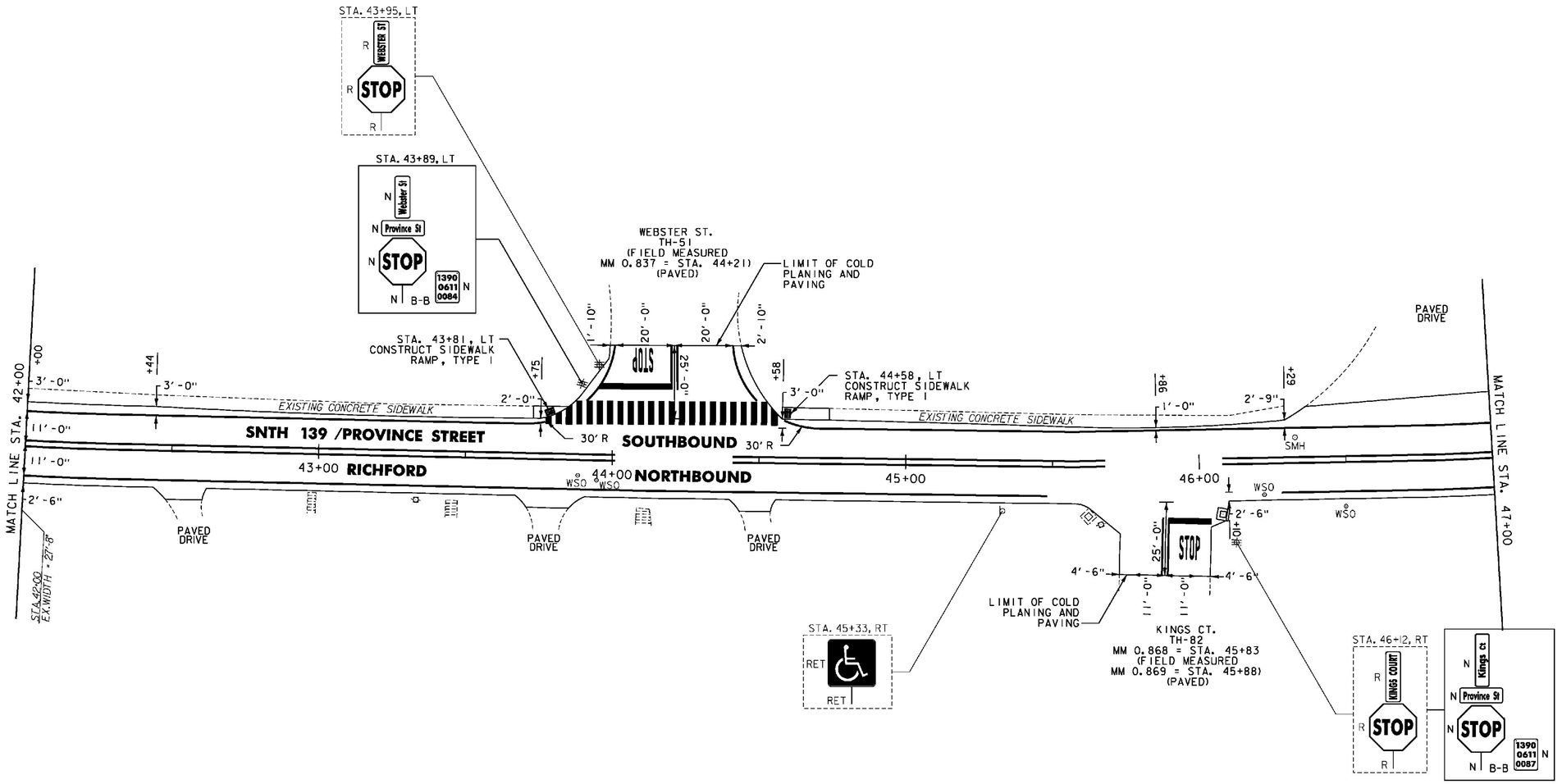
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 42+00 TO 47+00, SOLID LT & RT
STA. 44+21, DOUBLE SOLID LT (WEBSTER ST. TH-51)
STA. 45+88, DOUBLE SOLID RT (KINGS CT. TH-82)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 44+21, LT (WEBSTER ST. TH-51)
STA. 45+88, RT (KINGS CT. TH-82)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 44+21, LT "STOP" (WEBSTER ST. TH-51)
STA. 45+88, RT "STOP" (KINGS CT. TH-82)

DURABLE & TEMPORARY CROSSWALK MARKING
STA. 44+21, LT (WEBSTER ST. TH-51)
SEE SHEET 19 (TYP.)

REMOVING SIGNS
AS SHOWN - 4




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #43**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312143.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 64 OF 115

CHANGING ELEVATION OF SEWER MANHOLES
STA. 48+65, LT (MH UNKNOWN)
STA. 51+42, LT

ADJUST ELEVATION OF VALVE BOX
STA. 47+08, RT
STA. 48+04, RT
STA. 48+10, RT
STA. 48+12, RT

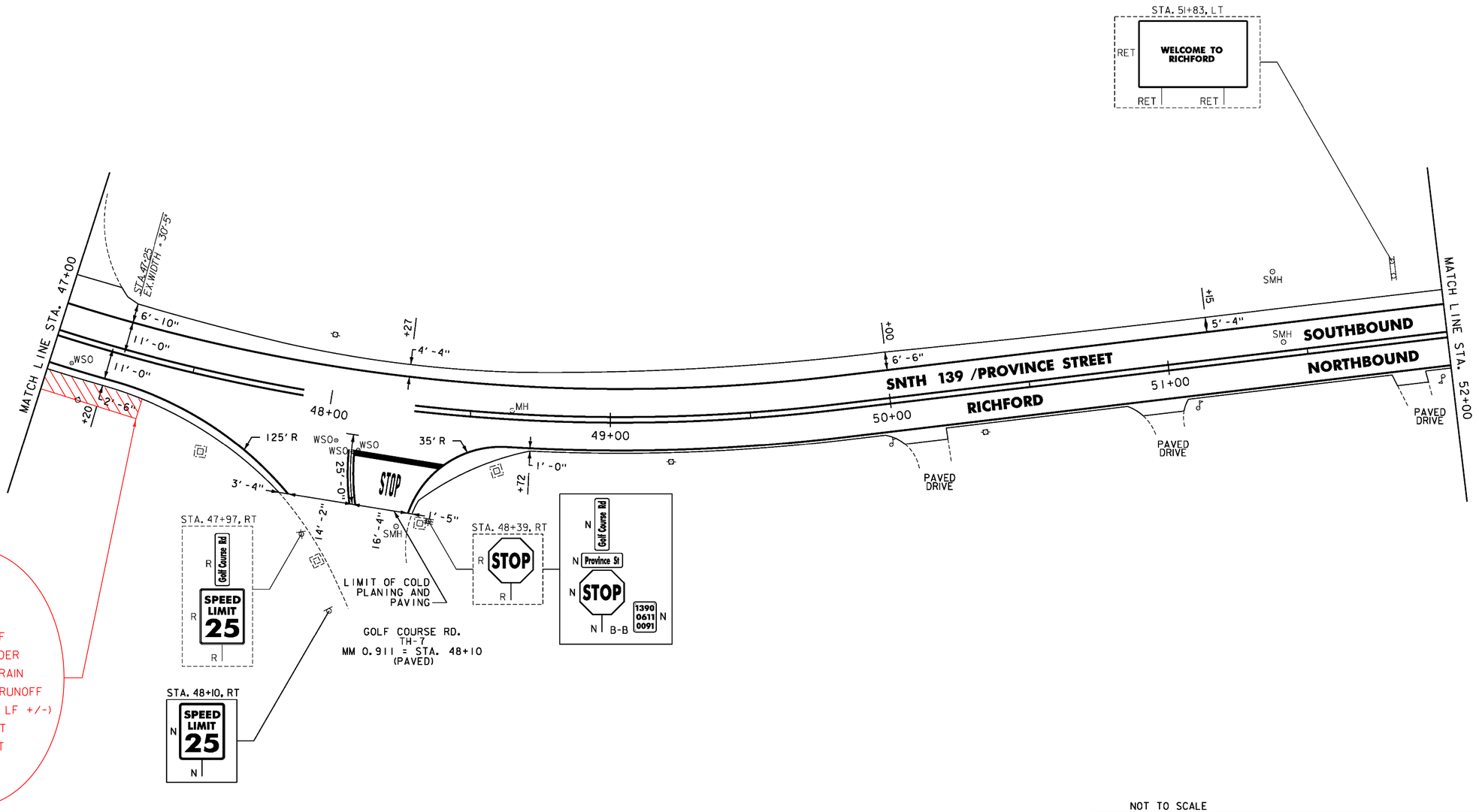
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 47+00 TO 52+00, SOLID LT & RT
STA. 48+10, SOLID RT (EDGELINES, GOLF COURSE RD. TH-7)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 47+00 TO 52+00, SOLID LT & RT
STA. 48+10, DOUBLE SOLID RT (GOLF COURSE RD. TH-7)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 48+10, RT (GOLF COURSE RD. TH-7)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 48+10, RT "STOP" (GOLF COURSE RD. TH-7)

REMOVING SIGNS
AS SHOWN - 3




COD/SA NO. 3
EXTRA WORK
DITCHED 35 LF
ALONG SHOULDER
TO BETTER DRAIN
SHEET FLOW RUNOFF
(6.6 FT X 35 LF +/-)
STA 47+00 RT
STA 47+35 RT

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #44**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312144.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 65 OF 115

REHAB. DIs, CBs OR MHs, CLASS I OR II
STA. 52+60, LT
STA. 53+57, RT (THROAT DI)
SEE SHEET 18

ADJUST ELEVATION OF VALVE BOX
STA. 53+80, LT (PAVED OVER)

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 52+00 TO 57+00, SOLID LT & RT

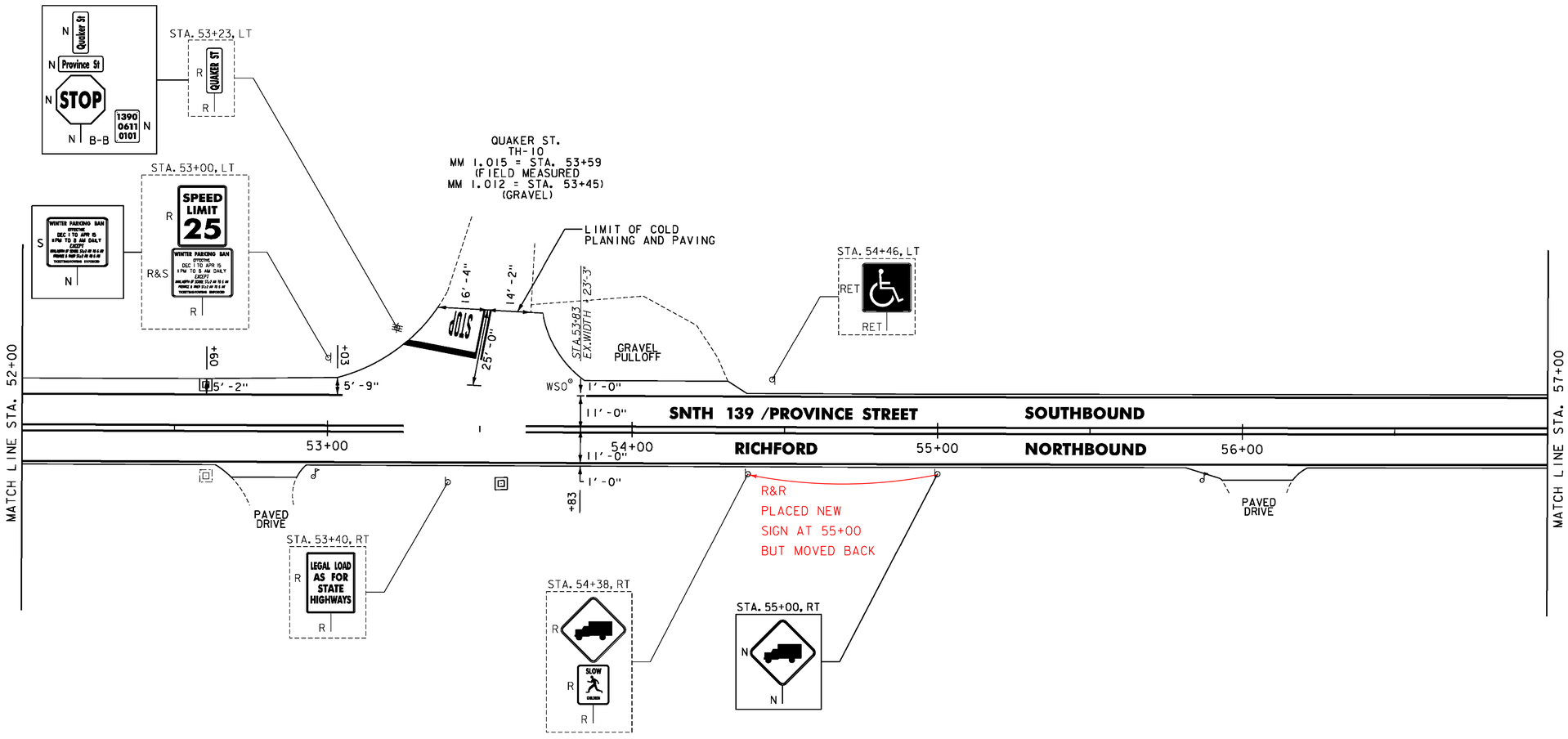
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 52+00 TO 57+00, SOLID LT & RT
STA. 53+45, DOUBLE SOLID LT (QUAKER ST. TH-10)

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 53+45, LT (QUAKER ST. TH-10)

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 53+45, LT "STOP" (QUAKER ST. TH-10)

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:
1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

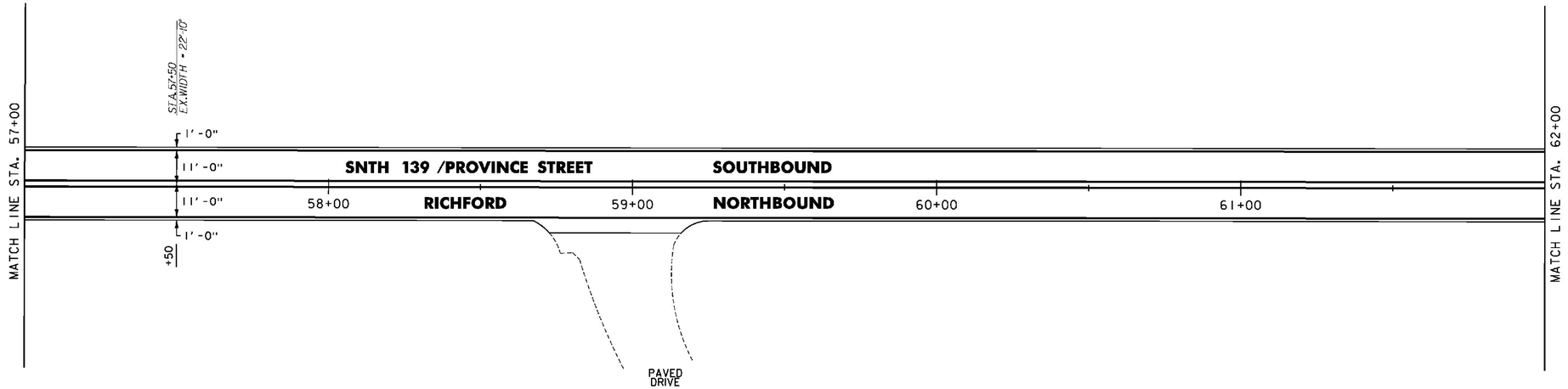
**PROJECT LAYOUT SHEET #45**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312145.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 66 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 57+00 TO 62+00, SOLID LT & RT

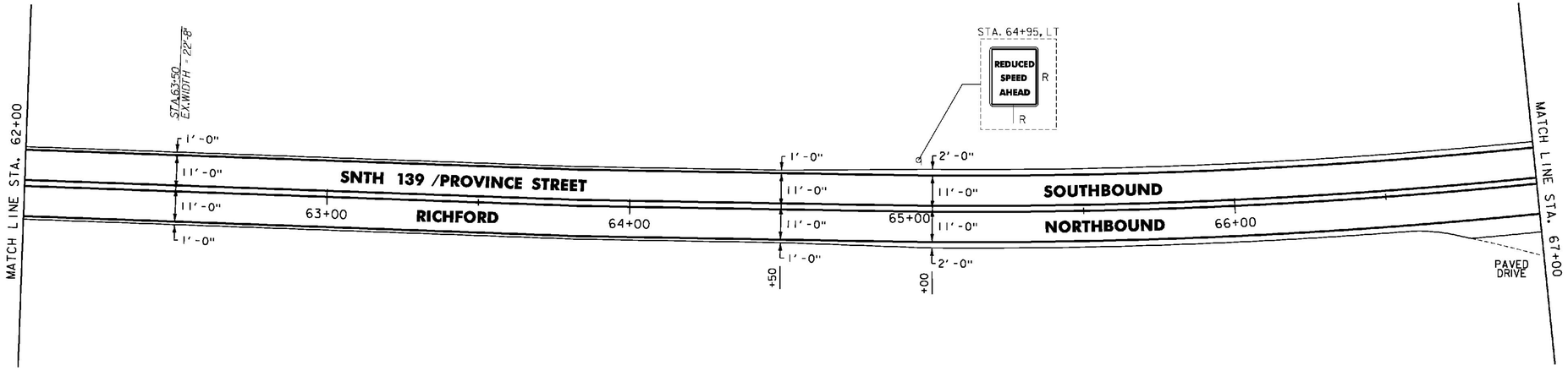
DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 57+00 TO 62+00, SOLID LT & RT




DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 62+00 TO 67+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 62+00 TO 67+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #46**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312146.i**

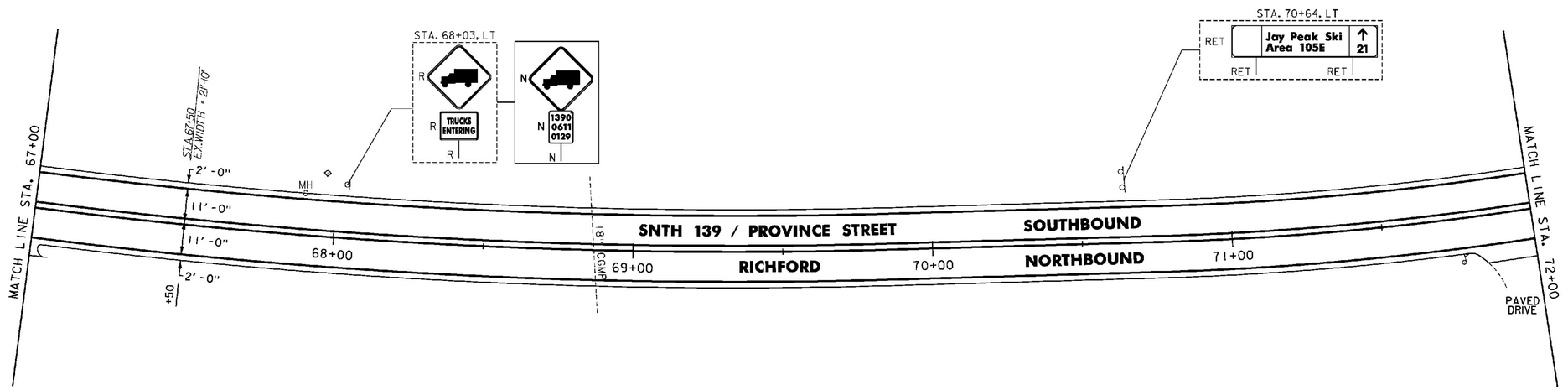
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 67 OF 115

CHANGING ELEVATION OF DIs, CBs OR MHs
STA. 67+90, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 67+00 TO 72+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 67+00 TO 72+00, SOLID LT & RT

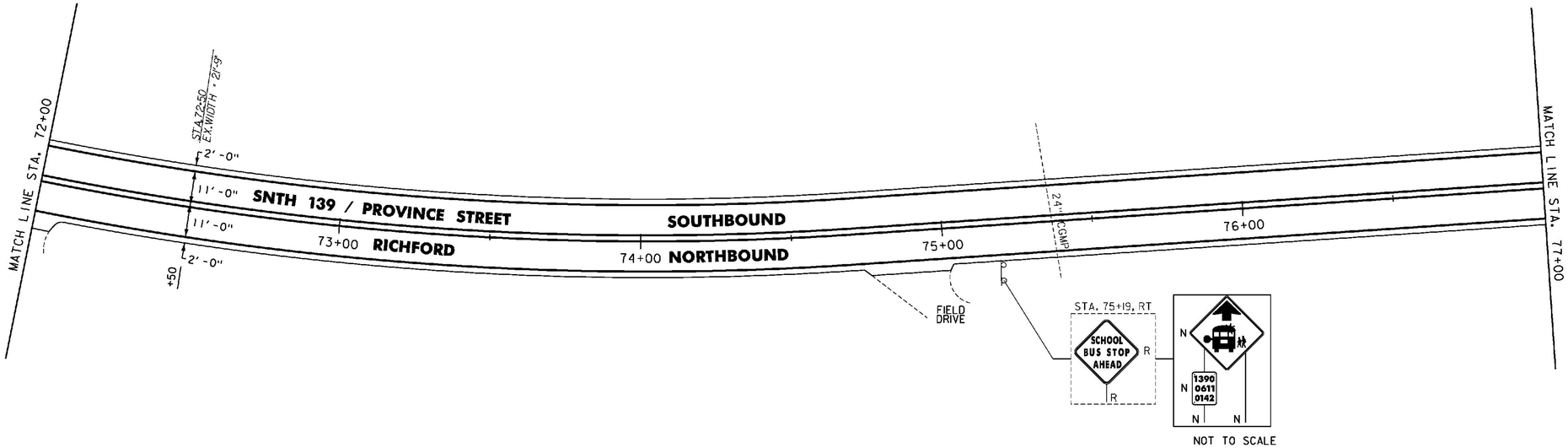
REMOVING SIGNS
AS SHOWN - 2




DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 72+00 TO 77+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 72+00 TO 77+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #47**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

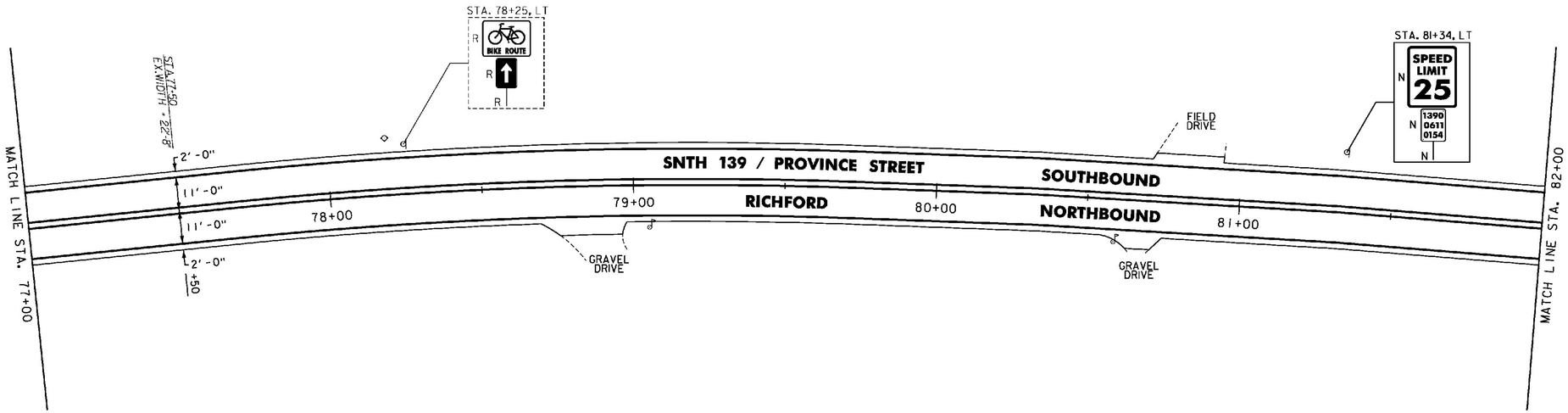
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312147.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 68 OF 115

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 80+59, RT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 77+00 TO 82+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 77+00 TO 82+00, SOLID LT & RT

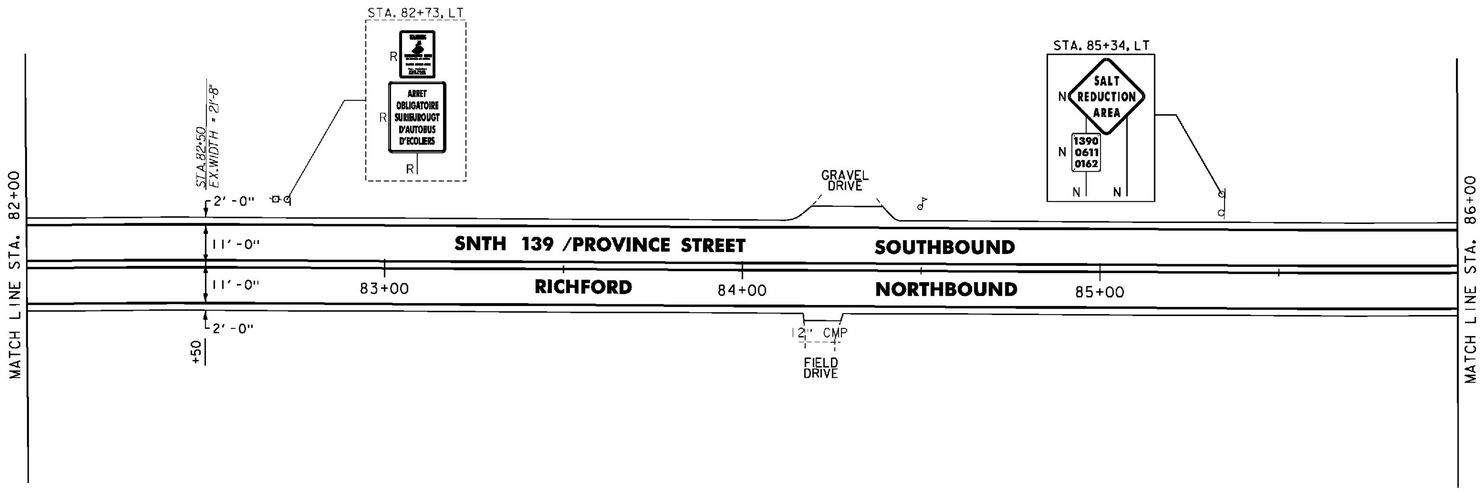
REMOVING SIGNS
AS SHOWN - 2




DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 82+00 TO 86+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 82+00 TO 86+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #48**

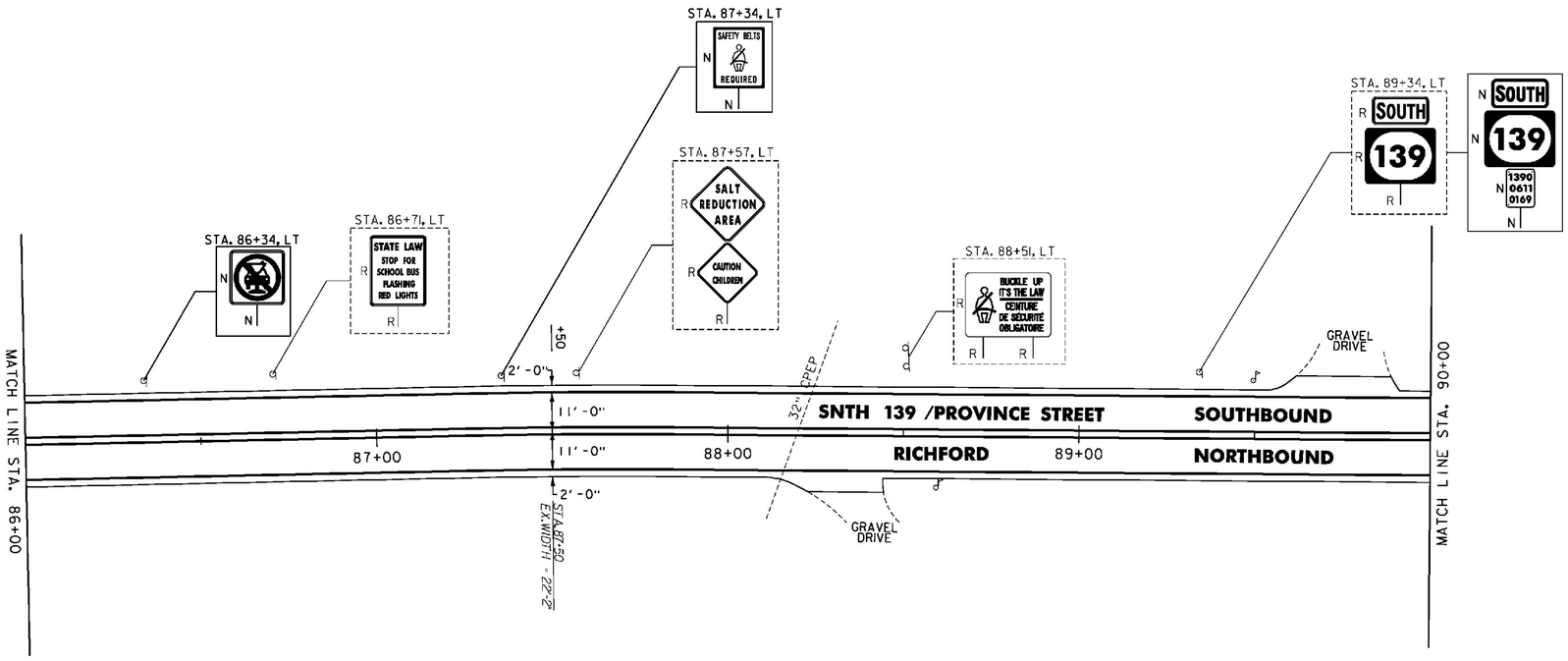
PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312148.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 69 OF 115

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 86+00 TO 90+00, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 86+00 TO 90+00, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 6




NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #49**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312149.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 70 OF 115

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 92+62 TO 93+00, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 92+62, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 92+70 TO 93+00, LT

ADJUST ELEVATION OF VALVE BOX
STA. 90+56, LT

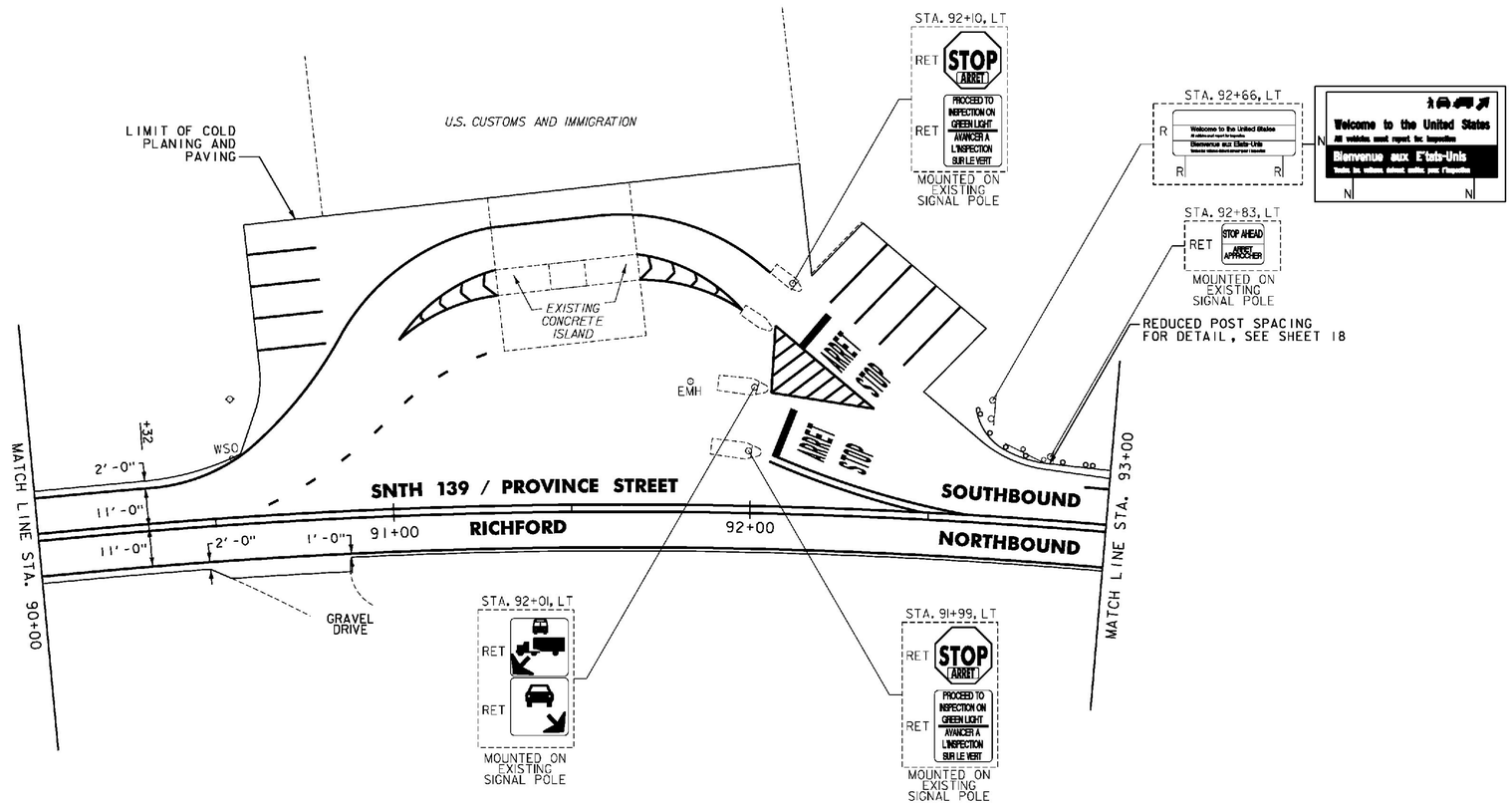
DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 90+00 TO 93+00, SOLID LT & RT
STA. 90+57 TO 91+32, DASHED LT
STA. 90+63 TO 92+56, SOLID LT (PARKING SPACES & DIAGONALS)
SEE SHEET 19 (TYP.)
STA. 91+03 TO 91+98, SOLID LT (GORE & DIAGONALS)
SEE SHEET 19 (TYP.)

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 90+00 TO 93+00, SOLID LT & RT
STA. 92+05 TO 92+61, DOUBLE SOLID LT

DURABLE & TEMPORARY 24 INCH STOP BAR
STA. 92+06, LT
STA. 92+12, LT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 92+16, LT "ARRET"
STA. 92+22, LT "ARRET"
STA. 92+28, LT "STOP"
STA. 92+34, LT "STOP"

REMOVING SIGNS
AS SHOWN - 1




NOT TO SCALE

NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

Stantec

**PROJECT LAYOUT SHEET #50**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312150.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 71 OF 115

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 93+00 TO 95+67.5, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 95+67.5, LT

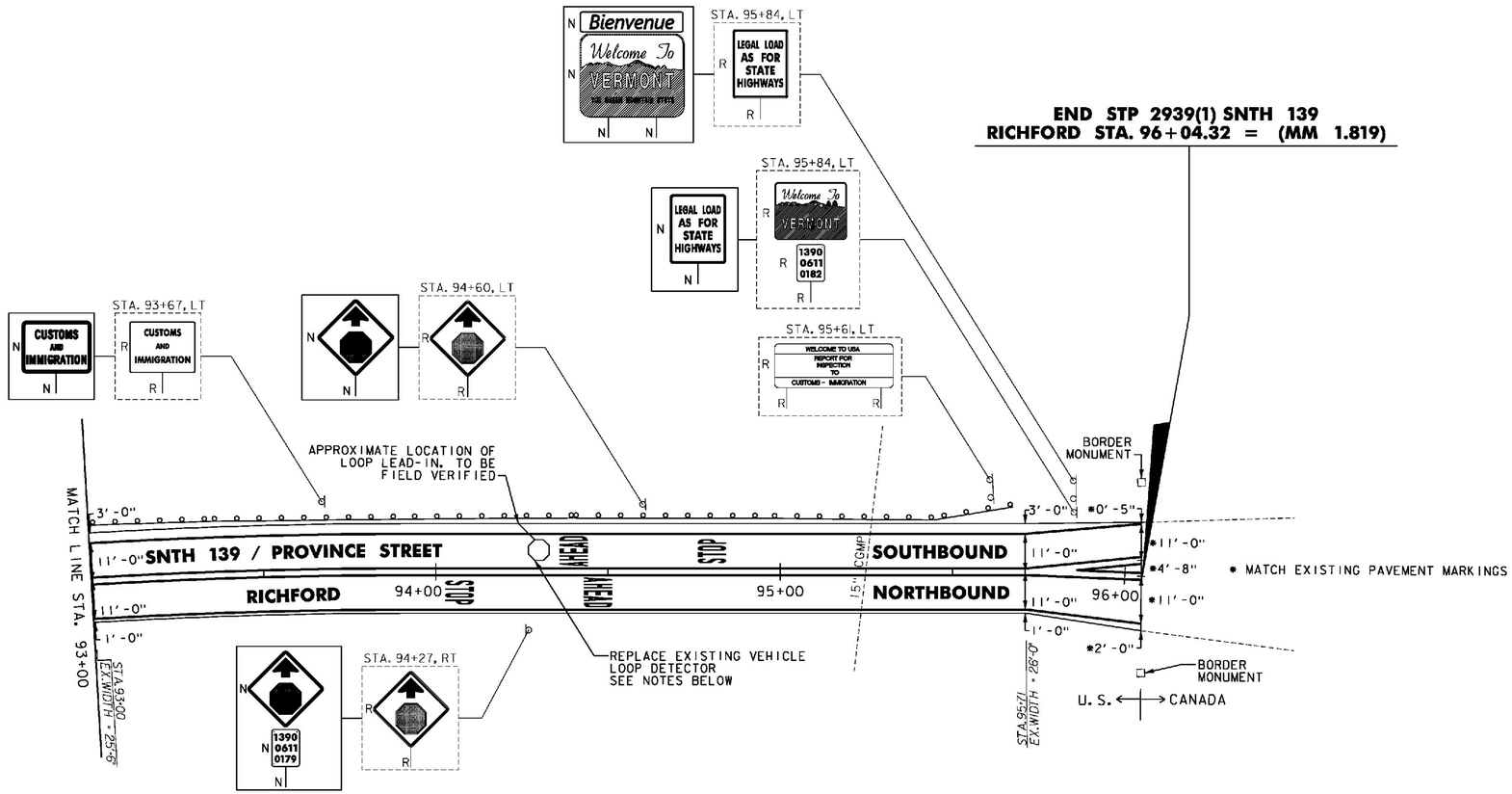
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 93+00 TO 95+67.5, LT

DURABLE & TEMPORARY 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 93+00 TO 96+04.32, SOLID LT & RT

DURABLE & TEMPORARY 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE ℄ BREAKS FOR SIDE ROADS)
STA. 93+00 TO 95+86, SOLID LT & RT
STA. 95+86 TO 96+04.32, DOUBLE SOLID LT & RT

DURABLE & TEMPORARY LETTER OR SYMBOL
STA. 94+07, RT "STOP"
STA. 94+40, LT "AHEAD"
STA. 94+47, RT "AHEAD"
STA. 94+80, LT "STOP"

REMOVING SIGNS
AS SHOWN - 7




VEHICLE LOOP DETECTOR NOTES:

1. THE CONTRACTOR IS TO COORDINATE ALL WORK ASSOCIATED WITH THE VEHICLE LOOP DETECTOR WITH MR. TOM EBERHARDT AT GENERAL SERVICES ADMINISTRATION - (802) 828-4483
2. PRIOR TO COLD PLANING, THE VEHICLE LOOP DETECTOR SHALL BE DISCONNECTED IN THE CONTROLLER CABINET AND CUT AT THE EDGE OF PAVEMENT.
3. THE BITUMINOUS AREA TO RECEIVE THE NEW VEHICLE LOOP DETECTOR SHALL BE LEVELED WITH TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER PRIOR TO THE INSTALLATION OF THE NEW LOOP DETECTOR.
4. THE NEW LOOP SHALL BE SPLICED INTO THE EXISTING LEAD-IN WIRE AT THE EDGE OF PAVEMENT.
5. AFTER THE NEW LOOP IS INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT.
6. AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE ENGINEER, RETURN THE SIGNAL TO NORMAL OPERATION.
7. ALL WORK REQUIRED SHALL BE PERFORMED AS PER VAOT STANDARD E-172 AND INCLUDED IN THE UNIT PRICE BID FOR ITEM 678.22, VEHICLE LOOP DETECTOR.

GENERAL NOTES:

1. FOR LEGENDS, SEE SHEET 22.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

Stantec

**PROJECT LAYOUT SHEET #51**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312151.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 72 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 ENOSBURG** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24+50, RT | STATE HIGHWAY ENDS SPEED LIMIT 25 | | | | | | 1 1 | | | | 15 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 24+50, LT | STATE HIGHWAY BEGINS SPEED LIMIT 35 | | | | | | 1 1 | | | | 14.75 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 30+09, RT | 1050 0603 0057 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW EXISTING SIGN ON EXISTING POST | | | E-138 |
| 32+75, RT | | 1<br>1 | 30<br>24 | 30<br>12 | 6.25<br>2.00 | | | | | | 15.50 1 | | | | | X | | X | | | | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN)<br>W16-7P (FLUORESCENT YELLOW-GREEN) | X<br>X | | |
| 32+91, LT | 1050 0603 0062 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 33+23, RT | 1050 0603 0063 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 33+27, LT | | 1<br>1 | 30<br>24 | 30<br>12 | 6.25<br>2.00 | | | | | | 15 1 | | | | | X | | X | | | | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN)<br>W16-7P (FLUORESCENT YELLOW-GREEN) | X<br>X | | |
| 36+57, RT | 1080 0603 0490 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 35+59 RT | EAST 105 | | | | | | 3 | | | | 12.25 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | NORTH 108 | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SOUTH 108 | | | | | | 3 | | | | 11.75 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 18.18 | SF | EA. 4 | SF | | | | | | | FT | FT | FT | FT | FT 57 | FT 57 | | 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 #1**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss01.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 73 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37+80, RT |  | | | | | | 1<br>1<br>1<br>1 | | | | 14<br>14<br>2 | | | | | X | | X | | | | | | | | | | | | | | | | *1 | FOR SIGN FRAME DETAIL SEE SHEET III | | | |
| 39+90, RT |  | 1<br>1 | 36<br>24 | 36<br>12 | 9.00<br>2.00 | | | | | | 14.5<br>1 | | | | | | X | X | | | | | | | | | | | | | | | | SI-1 (FLUORESCENT YELLOW-GREEN)<br>W16-7P (FLUORESCENT YELLOW-GREEN) | X<br>X | | |
| 40+18, LT |  | 1<br>1 | 36<br>24 | 36<br>12 | 9.00<br>2.00 | | | | | | 14.5<br>1 | | | | | | X | X | | | | | | | | | | | | | | | | SI-1 (FLUORESCENT YELLOW-GREEN)<br>W16-7P (FLUORESCENT YELLOW-GREEN) | X<br>X | | |
| 40+39, RT | 1050<br>0603<br>0076 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST VD-700 | | | E-138 |
| 45+26, RT | LEGAL LOAD LIMIT 24,000 POUNDS | | | | | | + | | | | + | | | | | X | | X | | | | | | | | | | | | | | | | DID NOT MOVE | | | |
| 45+69, RT<br>44+43 RT |  | 1<br>1 | 30<br>24 | 30<br>12 | 6.25<br>2.00 | | | | | | 15<br>1 | | | | | X | | X | 1 | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN)<br>W16-7P (FLUORESCENT YELLOW-GREEN) | X<br>X | | |
| 45+73, RT | 1050<br>0603<br>0087 | 1 | 6 | 10 | 0.42 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST VD-700 | | | E-138 |
| ~~45+80, LT~~<br>45+26 LT |  | 1 | 24 | 12 | 2.00 | | 1 | | | | 15<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | MOUNT SALVAGED SIGN ON NEW POST<br>W16-7P (FLUORESCENT YELLOW-GREEN) | <br>X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | FT | FT | FT | FT | FT 69 | FT 28 | | EA 1 | LB | LB | LB | | LB | LB | LB | LB | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 33.09 | SF | EA. 6 | SF | | FT | | FT 97 | | 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: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss02.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 74 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47+99, RT | Main St / Missisquoi St / 1050 0603 0091 B-B | 1 | 24 | 8 | 1.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 MOUNT NEW STREET SIGNS ON TOP OF EXISTING POST USING NEW 12 INCH BRACKETS | | 105 | |
| | | 1 | 36 | 8 | 2.01 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 48+12, RT | | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | X | | | X | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 48+18, LT | | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | X | | | X | 1 | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 49+79, RT | | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | X | | | X | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 49+81, LT | 1050 0603 0094 B-B | 1 | 6 | 10 | 0.42 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH RETAINED R3-2 SIGN ON RETAINED POST | | | E-138 |
| 50+83, RT | RECREATION TRAIL XING | 1 | 24 | 12 | 2.00 | | 1 + | | | | 15.5 1 | | | | | X | | | X | | | | | | | | | | | | | | | | | |
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| **TOTALS** | | | SF 30.94 ~~28.94~~ | SF | EA. 1 ~~2~~ | SF | | | | | | FT | FT | FT | FT 58 | FT | FT 58 | | EA 1 | 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 #3**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss03.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 75 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52+82, RT | 1050 0603 0100 | 1 | 6 | 10 | 0.42 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 54+00, LT | 1050 0603 0102 | 1 | 6 | 10 | 0.42 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 59+42, RT | West Berkshire 6 | 1 | 72 | 12 | 6.00 | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | MOUNT NEW SIGN ABOVE RETAINED SIGNS ON RETAINED POSTS | | 107 | |
| 62+81, LT | WEST VERMONT 105 TO SOUTH VERMONT 108 | 1 | 24 | 12 | 2.00 | | 1 1 1 1 | | | | 14 13.75 2 | | | | | X | | X | | | | | | | | | | | | | | #1 | M4-5 (GREEN ON WHITE) FOR SIGN FRAME DETAIL SEE SHEET 111 | X | | |
| 63+30, RT | NORTH VERMONT 108 ← | | | | | | 1 1 1 | | | | 15.25 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 64+87, RT | EAST VERMONT 105 | | | | | | 1 1 | | | | 14 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 65+38, LT | West Berkshire 6 → | 1 | 72 | 12 | 6.00 | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | MOUNT NEW SIGN ABOVE RETAINED SIGNS ON RETAINED POSTS | | 107 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **TOTALS** | | | SF 14.84 | SF | EA. 9 | SF | | | | | | FT | FT | FT | FT | FT 52 | 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."

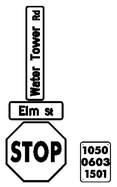
**TRAFFIC SIGN SUMMARY SHEET #4**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss04.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 76 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 05

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 | TUBULAR STEEL 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71+90, RT |  | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | X | | X | 1 | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 72+07, RT |  | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 72+15, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | X | | X | | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 72+65, LT |  | 1 | 36 | 36 | 9.00 | | | | | | 13.25<br>13.25<br>2 | | | | | X | | X | | | | | | | | | | | | | | | | | RI-1 | X | | |
| 79+76, LT |  | 1 | 42 | 8 | 2.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 13.75 | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 80+27, RT |  | 1 | 30 | 30 | ~~6.25~~<br>~~5.00~~ | | | | | | 13.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | | RI-1 | X | | |
| 80+60, LT |  | | | | | | 1 | | | | 14.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | | | | | |
| VT ROUTE 108 ENOSBURG<br>236+87, RT |  | 1 | 24 | 18 | 3.00 | | | | | | 16.25<br>1 | | | | | | X | X | | | | | | | | | | | | | | | | VR-038 | | | E-141 |
| | | 1 | 30 | 36 | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **TOTALS** | | | | | SF<br>51.78 | SF | EA.<br>1 | SF | | | | FT | FT | FT | FT<br>84 | FT<br>29 | | EA<br>1 | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | | |

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

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|---|---|---|---|
| | | FT | 113 |
| | | LB | |
| | | EA. | |
| | | LB | |

**TRAFFIC SIGN SUMMARY SHEET #5**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss05.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 77 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 237+42, LT | STATE HIGHWAY BEGINS / SPEED LIMIT 40 | 1 | 24 | 18 | 3.00 | | | | | | 14 | | | | | X | | X | | | | | | | | | | | | | | | VR-039 | | | E-141 |
| | | 1 | 24 | 30 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | R2-1 | X | | |
| 237+77, RT | W Enosburg Rd / Hayes Farm Rd / STOP / B-B 1080 0603 0450 | 1 | 42 | 8 | 2.35 | | | | | | 13.5 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 42 | 8 | 2.35 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R1-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 241+48, RT | THE AMERICAN LEGION SAFE KIDS COMMUNITY PROGRAM | | | | | | 1 | | | | 14.5 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 242+18, RT | YOU CAN'T DUI AFFORD IT 1080 0603 0459 | 1 | 6 | 10 | 0.42 | | 1 | | | | 14 1 | | | | | X | | X | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW SALVAGED SIGN ON NEW POST | | | E-138 |
| 245+66, LT | SOUTH VERMONT 108 | 1 | 24 | 12 | 2.00 | | | | | | 14 1 | | | | | X | | X | | | | | | | | | | | | | | | M3-3 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| 245+75, RT | WINTER PARKING BAN DEC. 1ST THRU APRIL 1ST MIDNIGHT TO 6 AM | | | | | | 1 | | | | 14.25 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 247+78, LT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 13.25 1 | | | | | X | | X | | | | | | | | | | | | | | | R2-1 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 31.79 | SF | EA. 3 | SF | | | | | | | FT | FT | FT | FT 78 | FT 14 | | EA | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | |
| | | | | | | | | | | | | FT 92 | | | | | | | 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: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss06.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 78 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 248+00, RT | Richford 10 →<br>St. Albans 18 →<br>NORTH TO VERMONT 108 VERMONT 105 | 1 | 72 | 12 | 6.00 | | | | | | 2 | | | | | | | | | | | | 14.25<br>13.25<br>2 | X | | | | | | | | | | VDI-1a<br>VDI-1a<br>M3-1 (GREEN ON WHITE)<br>(GREEN ON WHITE)<br>M5-1 (GREEN ON WHITE)<br>M4-5 (GREEN ON WHITE)<br>(GREEN ON WHITE)<br>M5-1 (GREEN ON WHITE) | | 107<br>107<br><br><br><br><br><br> | <br><br>E-136B<br>E-136B<br>E-136B<br>E-136B<br>E-136B<br>E-136B |
| | | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 248+47, LT | W Enosburg Rd<br>Duffy Hill Rd<br>STOP<br>B-B 1080 0603 0471 | 1 | 42 | 8 | 2.35 | | | | | | 13.75 | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 250+00, RT | BRIDGE 50 VT 108 | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | W3-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | | | VD-701 | | 110 | |
| 252+72, RT | STOP ALL WAY<br>B-B 1080 0603 0480 | 1 | 30 | 30 | 6.25 | | | | | | 13.75 | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 18 | 6 | 0.75 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | | | RI-3P | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 252+80, LT | BRIDGE 50 VT 108 | 1 | 6 | 10 | 0.42 | | | | | | 6.75<br>1 | | | | X | | | X | | | | | | | | | | | | | | | | | VD-701 | | 110 | |
| 252+92, LT | STOP ALL WAY | 1 | 30 | 30 | 6.25 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 18 | 6 | 0.75 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | | | RI-3P | X | | |
| 253+18, LT | NO OUTLET | 1 | 30 | 30 | 6.25 | | | | | | 14<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | | WI4-2 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | FT | FT | FT | FT 10 | FT 57 | FT 14 | | EA | LB | LB | LB | | LB 187 | LB | LB | LB | | | | | | | | |
| **TOTALS** | | | | | SF 69.17 | SF | EA. | SF | | | | FT | | | FT 81 | | | | | LB | | | EA. 2 | LB 187 | | | | 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 #7**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss07.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 79 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 253+18, LT | Village Dr / St Albans St / STOP / ALL WAY / 1080 0603 0480 B-B | 1 | 30 | 8 | 1.68 | | | | | | 14.25 | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 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 |
| 253+43, LT | NORTH / VERMONT 108 / TO / VERMONT 105 → | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-1 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | 1 | X | | | | | | | | | M4-5 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | | | E-136B |
| 253+59, RT | BEGIN R | 1 | 30 | 12 | 2.50 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | R8-3 | X | | |
| 253+70, LT | Main St / STOP / ALL WAY | 1 | 24 | 8 | 1.34 | | | | | | 14.25 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 18 | 6 | 0.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-3P | X | | |
| 254+70, LT | END R | 1 | 30 | 12 | 2.50 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | R8-3 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 51.39 | SF | EA. | SF | | | | FT | FT | FT | FT | FT 26 | FT 28 | | EA | LB | LB | LB | EA. 1 | LB 102 | 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 #8**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss08.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 80 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 255+50, LT | SOUTH VERMONT 108 ← | 1 | 24 | 12 | 2.00 | | | | | | 15.25 | | | | | | | | | | | | | | | | | | | | | | M3-3 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | | | E-136B |
| 256+24, RT | ↑ West Berkshire 6<br>↑ Richford 10<br>← St. Albans 18<br>WEST VERMONT 105 ←<br>EAST VERMONT 105 ↑<br>NORTH VERMONT 108 ↑ | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 107 | |
| | | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 107 | |
| | | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 107 | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | 14.25 | | | | | | | | | M3-4 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | 14.25 | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-2 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 2 | | | | | | | | | | | | 2 | X | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-3 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-1 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-3 (GREEN ON WHITE) | | | E-136B |
| 257+19, RT | END ® | 1 | 30 | 12 | 2.50 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | R8-3 | X | | |
| 257+19, LT | BEGIN ® | 1 | 30 | 12 | 2.50 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | R8-3 | X | | |
| 259+27, LT | 1050 0603 0121 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 MOUNT NEW MM PLAQUE BELOW & BACK-TO-BACK WITH EXISTING STOP SIGN ON EXISTING POST | | | E-138 |
| 259+80, RT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 13.25 | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| 260+55, LT | EAST VERMONT 105 ←<br>WEST VERMONT 105 →<br>SOUTH VERMONT 108 → | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-2 (GREEN ON WHITE) USE SOIL BEARING SLIP | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) BASES. PAID AS | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) ITEM 900.620 SPECIAL | | | E-136B |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-4 (GREEN ON WHITE) PROVISION (SOIL BEARING | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 2 | | | | | | | X | 11.25<br>12.25 | X | | | | | | | | | | | | | (GREEN ON WHITE) SLIP BASE) (2½") | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-3 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) FOR SIGN FRAME DETAIL | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) SEE SHEET III | | | E-136B |
| 261+00, RT | NORTH VERMONT 108 | 1 | 24 | 12 | 2.00 | | | | | | 14.25 | | | | | | | | | | | | | | | | | | | | | M3-1 (GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | FT | FT | FT | FT | FT 67 | FT 29 | | EA | LB | LB | LB | | LB 203 | LB | LB | LB | | | | | | | |
| | **TOTALS** | | SF 107.75 | SF | EA. | SF | | | | | | FT | | | FT 96 | | | | | 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 #09**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss09.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 81 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 10

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 | TUBULAR STEEL Ø (In): 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 262+27, LT | | 1 | 30 | 30 | 6.25 | | | | | | 14.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | W3-1 | X | | |
| 264+50, RT | SPEED LIMIT 35<br>1080 0603 0501 | 1<br>1 | 24<br>6 | 30<br>10 | 5.00<br>0.42 | | | | | | 15<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | R2-1<br>VD-700 | X | | <br>E-138 |
| 264+50, LT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 13.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | R2-1 | X | | |
| 265+56, LT | ← Richford 10<br>Bakersfield 9 →<br>St. Albans 18 → | 1<br>1<br>1 | 72<br>72<br>72 | 12<br>12<br>12 | 6.00<br>6.00<br>6.00 | | | | | | 10<br>10<br>2 | | | | | | X | X | | | | | | | | | | | | | | | | VDI-1a<br>VDI-1a<br>VDI-1a | USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½") | | 107<br>107<br>107 | |
| 266+50, RT | ↑ West Berkshire 6<br>↑ Canada Border 8 | 1<br>1 | 72<br>72 | 12<br>12 | 6.00<br>6.00 | | | | | | 14.25<br>12<br>2 | | | | | X | | X | | | | | | | | | | | | | | | | VDI-1a<br>VDI-1a | | | 107<br>107 | |
| 267+00, LT | JCT VERMONT 105 | 1<br>1 | 21<br>30 | 15<br>24 | 2.19<br>5.00 | | | | | | 13.50<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | M2-1 (GREEN ON WHITE)<br>(GREEN ON WHITE) | | | E-136B<br>E-136B |
| 268+00, LT | WINTER PARKING BAN DEC. 1ST THRU APRIL 1ST MIDNIGHT TO 6 AM | | | | | | 1 | | | | 11.75<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | | | | |
| 269+00, RT | BRIDGE 51 VT 108 | 1 | 6 | 10 | 0.42 | | | | | | 7.75<br>1 | | | | X | | | X | | | | | | | | | | | | | | | | VD-701 | | 110 | |
| 269+50, LT | BRIDGE 51 VT 108<br>1080 0603 0510 | 1<br>1 | 6<br>6 | 10<br>10 | 0.42<br>0.42 | | | | | | 7.50<br>1 | | | | X | | | X | | | | | | | | | | | | | | | | VD-701<br>VD-700 | | 110 | <br>E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF<br>55.12 | | | SF | SF | EA.<br>1 | SF | | | | FT | FT | FT | FT<br>19 | FT<br>106 | FT<br>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 #10**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss10.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 82 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 108 ENOSBURG (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 286+14, RT | 1080 0603 0542 | 1 | 12 | 36 | 3.00 | | | | | | 11 | | | | | X | | X | | | | | | | | | | | | | | | OM3-R | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 286+14, LT | | 1 | 12 | 36 | 3.00 | | | | | | 10.75 1 | | | | | X | | X | | | | | | | | | | | | | | | OM3-L | X | | |
| 286+28, RT | | 1 | 12 | 36 | 3.00 | | | | | | 11.50 1 | | | | | X | | X | | | | | | | | | | | | | | | OM3-L | X | | |
| 286+31, LT | | 1 | 12 | 36 | 3.00 | | | | | | 10.75 1 | | | | | X | | X | | | | | | | | | | | | | | | OM3-R | X | | |
| 288+00, LT | YOU CAN'T DWI AFFORD IT | | | | | | 1 | | | | 13.75 1 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 311+63, RT | Berkshire Enosburg | 1 | 72 | 10 | 5.00 | | | | | | 14.75 15 | | | | | | | | | | | | | | | | | | | | | | VD-024 | | III | |
| | STATE HIGHWAY BEGINS | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | SPEED LIMIT 50 | 1 | 24 | 18 | 3.00 | | | | | | 2 | | | | | | | X | X | | | | | | | | | | | | | | VR-039 | | | E-141 |
| | | 1 | 24 | 30 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| | 1080 0602 0000 1080 0603 0590 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 311+63, LT | STATE HIGHWAY ENDS SPEED LIMIT 35 | 1 | 24 | 18 | 3.00 | | | | | | 15.50 1 | | | | | | | X | X | | | | | | | | | | | | | | VR-038 | | | E-141 |
| | | 1 | 30 | 36 | 7.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | SF 36.76 | | SF | | EA. 1 | SF | | | | FT | FT | FT | FT | FT 62 | FT 33 | | EA | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | |
| | | | | | | | | | | | | FT | | | FT 95 | | | | | 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."

USE SOIL BEARING SLIP BASES. PAID AS ITEM 900.620 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2½")

**TRAFFIC SIGN SUMMARY SHEET #11**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss11.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 83 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 12

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 | TUBULAR STEEL 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80+15, LT | STATE HIGHWAY BEGINS / SPEED LIMIT 35 | 1 | 24 | 18 | 3.00 | | | | | | 14.75 | | | | | X | | X | | | | | | | | | | | | | | | VR-039 | | | E-141 |
| | | 1 | 24 | 30 | 5.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| 80+23, RT | STATE HIGHWAY ENDS / SPEED LIMIT 25 | 1 | 24 | 18 | 3.00 | | | | | | 14.50 | | | | | X | | X | | | | | | | | | | | | | | | VR-038 | | | E-141 |
| | | 1 | 24 | 30 | 5.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| 81+10, RT | WINTER PARKING BAN EFFECTIVE DEC 1 TO APR 15 1 PM TO 8 AM DAILY EXCEPT | | | | | | 1 | | | | 12.5 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84+46, LT | Maple St / South Main St / STOP / B-B 1050 0611 0160 | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 42 | 8 | 2.35 | | | | | | 1 | | | | | | | X | X | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 84+78, LT | DEAD END | 1 | 30 | 30 | 6.25 | | | | | | 14.25 | | | | | X | | X | | | | | | | | | | | | | | | W14-1 | X | | |
| | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 32.95 | SF | EA. 1 | SF | | | | | | | FT | FT | FT | FT 57 | FT | FT 29 | | 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 #12**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss12.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 84 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85+37, RT | ← Harlem St Noyes St → | 1 | 30 | 30 | 6.25 | | | | | | 16 | | | | | | X | X | | | | | | | | | | | | | | | | W2-7R VARIATION | | 109 | |
| | | 1 | 42 | 15 | 4.38 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-8aP | | 109 | |
| 87+17, LT | Maple St | 1 | 30 | 30 | 6.25 | | | | | | 14.75 | | | | | X | | X | | | | | | | | | | | | | | | W2-2 | X | | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-8P | | 110 | |
| 88+01, LT | Harlem St / Main St / STOP / B-B 1050 0611 0167 | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 88+08, RT | Noyes St / Main St / STOP / B-B 1050 0611 0167 | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 88+56, LT | DEAD END | 1 | 30 | 30 | 6.25 | | | | | | 13.75 | | | | | | | | | | | | | | | | | | | | | | W14-1 | X | | |
| | | 1 | 30 | 12 | 2.50 | | | | | | 13.75 | | | | | | | | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| 88+61, LT | END / R | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 50.35 | SF | EA. | SF | | | | FT | FT | FT | FT | FT 42 | FT 44 | | EA | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | |
| | | | | | | | | | | | | | | | FT 86 | | | | | | | | | | | | | | | | | | | | | |

*
"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 #13**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss13.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 85 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90+30, LT | BEGIN (R) | 1 | 30 | 12 | 2.50 | | | | | | 2.25 | | | | | X | | X | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| 90+36, RT | Sweet St / Main St / STOP / B-B 1050 0611 0171 | 1 | 30 | 8 | 1.68 | | | | | | 3.75 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 90+80, LT | Noyes St / Harlem St | 1 | 30 | 30 | 6.25 | | | | | | 3.50 | | | | | | X | X | | | | | | | | | | | | | | | W2-7L VARIATION | | 109 | |
| | | 1 | 42 | 15 | 4.38 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-8aP | | 109 | |
| 92+42, RT | JCT 139 | 1 | 21 | 15 | 2.19 | | | | | | 4.50 | | | | | X | | X | | | | | | | | | | | | | | | M2-1(BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | MI-5 (BLACK ON WHITE) | X | | |
| 94+42, RT | Canada Border 2 / North Troy 18 / NORTH EAST / 139 VERMONT 105 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | 13.25 | | | | | | | | | | VDI-1a | | 108 | |
| | | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | 15.25 | | | | | | | | | | VDI-1a | | 108 | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-1(BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 (BLACK ON WHITE) | X | | |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-3 (BLACK ON WHITE) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-2 (GREEN ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | 2 | | | | | | | | | | | | 2 | X | | | | | | | | | M6-1(GREEN ON WHITE) | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 64.39 | SF | EA. | SF | | | | FT | FT | FT | FT 57 | FT 27 | FT 30 | | 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 #14**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss14.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 86 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94+76, LT | E. Berkshire 4 | 1 | 72 | 12 | 6.00 | | | | | | 13 | | | | | X | | X | | | | | | | | | | | | | | | | VD2-1 | | 108 | |
| | Enosburg Falls 10 | 1 | 72 | 12 | 6.00 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | VD2-1 | | 108 | |
| 94+84, RT | ONE WAY ONE WAY B-B | 1 | 36 | 12 | 3.00 | | | | | | 3.25 | | | | | X | | X | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN R5-1 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN R5-1 | X | | |
| 95+13, RT | Main St Farrar St ONE WAY ONE WAY 1050 0611 0180 | 1 | 24 | 8 | 1.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 8 | 1.68 | | | | | | 3.50 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 36 | 12 | 3.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN VD-700 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN VD-700 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 96+75, LT | WEST VERMONT 105 | 1 | 24 | 12 | 2.00 | | | | | | 3.75 | | | | | X | | X | | | | | | | | | | | | | | | M3-4 (GREEN ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| 97+03, RT | BIKE ROUTE | 1 | 24 | 18 | 3.00 | | | | | | 2.75 | | | | | X | | X | | | | | | | | | | | | | | | DII-1 | X | | |
| | | 1 | 12 | 9 | 0.75 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | X | | |
| 98+05, RT | | 1 | 30 | 30 | 6.25 | | | | | | 4.75 | | | | | X | | X | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS<br>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 88 | FT | | EA | LB | LB | LB | | LB | LB | LB | LB | | | | | | | | | |
| | **TOTALS** | | | | SF 46.44 | SF | EA. | SF | | | | FT | | | FT 88 | | | | | LB | | | EA. | LB | | | | EA. | EA. | LB | | | | | | |

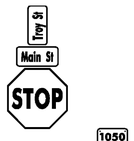
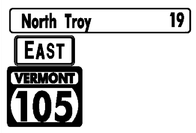
**TRAFFIC SIGN SUMMARY SHEET #15**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss15.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 87 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98+35, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 14.75 | | | | | X | | X | | | | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 99+82, LT |   | 1 | 24 | 8 | 1.34 | | | | | | 13.50 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 100+30, RT |  | 1 | 30 | 30 | 6.25 | | | | | | 14.75 | | | | | X | | X | | | | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 100+60, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 14.75 | | | | | X | | X | | | | | | | | | | | | | | | | W11-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 101+00, RT |   | 1 | 24 | 30 | 5.00 | | | | | | 13.25 | | | | | X | | X | | | | | | | | | | | | | | | | R2-1 | X | | |
| 101+95, RT |   | 1 | 72 | 12 | 6.00 | | | | | | 15.50<br>14.75 | | | | | X | | X | | | | | | | | | | | | | | | | VD2-1 | | 108 | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | M3-2 (GREEN ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| 102+00, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 13.75 | | | | | X | | X | | | | | | | | | | | | | | | | W3-1 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 58.35 | SF | EA. | SF | | | | FT | FT | FT | FT | FT 100 | FT 14 | | EA | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | |
| | | | | | | | | | | | | FT 114 | | | | | | | | 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 #16**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss16.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 88 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 17

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 | SQUARE STEEL: ANCHOR | SQUARE STEEL: 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 | TUBULAR STEEL: 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102+80, LT | Willow St / Troy St / STOP; B-B 1050 0611 0195 | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 104+53, LT | END; R | 1 | 30 | 12 | 2.50 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | R8-3 | X | | |
| 105+61, LT | E. Berkshire 5 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | Enosburg Falls 10 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | Canada Border 2 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | WEST NORTH | 1 | 24 | 12 | 2.00 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | M3-4 (GREEN ON WHITE) | X | | |
| | VERMONT 105 139 | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | M5-1 (GREEN ON WHITE) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | M3-1 (BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 (BLACK ON WHITE) | X | | |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | M5-1 (BLACK ON WHITE) | X | | |
| 106+24, RT | DO NOT ENTER; ONE WAY / ONE WAY; B-B | 1 | 30 | 30 | 6.25 | | | | | | 15 | | | | | | | | | | | | | | | | | | | | R5-1 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 64.82 | SF | EA. | SF | | | | | | FT | FT | FT | FT 42 | FT 28 | FT 14 | | EA | LB | LB | LB | EA. 2 | LB 203 | 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 #17**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss17.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 89 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 18

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: EA | SIGN DIMENSIONS: WIDTH (In) | SIGN DIMENSIONS: HEIGHT (In) | "A" | "B" | SALV SIGN | 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 | TUBULAR STEEL Ø (In): 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106+62, RT | Former St / Troy St / STOP / ONE WAY / ONE WAY / B-B / 1050 0611 0202 | 1 | 30 | 8 | 1.68 | | | | | | 14.50 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN RI-1 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 106+87, LT | BEGIN / R | 1 | 30 | 12 | 2.50 | | | | | | 13.50 | | | | | X | | X | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| 107+07, RT | Center St / Troy St / STOP / B-B / 1050 0611 0203 | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 107+16, RT | BIKE ROUTE | 1 | 24 | 18 | 3.00 | | | | | | 12 | | | | | X | | X | | | | | | | | | | | | | | | DII-1 | X | | |
| | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108+85, LT | JCT / 139 | 1 | 21 | 15 | 2.19 | | | | | | 14 | | | | | | | | | | | | | | | | | | | | | | M2-1(BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | MI-5 (BLACK ON WHITE) | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111+50, LT | SPEED LIMIT 25 / END / R | 1 | 24 | 30 | 5.00 | | | | | | 15.50 | | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| | | 1 | 30 | 12 | 2.50 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 53.57 | SF | EA. | SF | | | | FT | FT | FT | FT 83 | FT 40 | FT 43 | | 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 #18**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss18.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 90 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 19

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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) lb/ft: 1.75 (1.88) | SQUARE STEEL (In) lb/ft: 2.0 (2.42) | SQUARE STEEL (In) lb/ft: 2.5 (3.35) | SQUARE STEEL: ANCHOR | SQUARE STEEL: SLEEVE | TUBULAR ALUMINUM Ø (In) lb/ft: 3.0 (1.3) | TUBULAR ALUMINUM Ø (In) lb/ft: 4.0 (1.7) | TUBULAR ALUMINUM Ø (In) lb/ft: 4.0 MOD (1.7) | TUBULAR STEEL Ø (In): FOUNDATION | TUBULAR STEEL Ø (In) lb/ft: 3.0 (7.6) | TUBULAR STEEL Ø (In) lb/ft: 3.5 (9.0) | TUBULAR STEEL Ø (In) lb/ft: 4.0 (10.8) | TUBULAR STEEL Ø (In) lb/ft: 5.0 (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113+87, RT | BEGIN (R) | 1 | 30 | 12 | 2.50 | | | | | | 3.25 | | | | | X | | X | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| 114+31, RT | Liberty St / Troy St / STOP; B-B; 1050 0611 0216 | 1 | 30 | 8 | 1.68 | | | | | | 3.50 | | | | | X | | X | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 114+56, RT | HIDDEN DRIVES RIGHT | 1 | 30 | 30 | 6.25 | | | | | | 3.75 | | | | | X | | X | | | | | | | | | | | | | | | | VW-054 | | | E-154 |
| 114+75, LT | AHEAD | 1 | 30 | 30 | 6.25 | | | | | | 5.50 | | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-9P (FLUORESCENT YELLOW-GREEN) | X | | |
| 116+68, LT | | 1 | 48 | 24 | 8.00 | | | | | | 4.50<br>3.50 | | | | | X | | X | | | | | | | | | | | | | | | | WI-6R | X | | |
| | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116+79, LT | 1050 0611 0221 | 1 | 48 | 24 | 8.00 | | | | | | 3.25<br>4.75 | | | | | X | | X | | | | | | | | | | | | | | | | WI-6L | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 47.11 | SF | EA. | SF | | | | | | FT | FT | FT | FT | FT 112 | 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 #19**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss19.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 91 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 20

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 | TUBULAR STEEL Ø (In) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122+75, RT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 12 | | | | | | | | | | | | | | | | | | | | | | | R2-1 | X | | |
| | END | 1 | 30 | 12 | 2.50 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | R | 1 | 24 | 24 | 4.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| | 1050 0611 0232 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 123+04, LT | BEGIN | 1 | 30 | 12 | 2.50 | | | | | | 13.75 | | | | | X | | X | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | R | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| 127+58, LT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 13.50 1 | | | | | X | | X | | | | | | | | | | | | | | | | R2-1 | X | | |
| 129+22, LT | WINTER PARKING BAN SYSTEM DEC 1 TO APR 15 8PM TO 8 AM DAILY EXCEPT 1050 0611 0245 | 1 | 6 | 10 | 0.42 | | 1 | | | | 13 1 | | | | | X | | X | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 131+01, LT | SPEED LIMIT 25 | 1 | 36 | 36 | 9.00 | | | | | | 14 14.25 2 | | | | | X | | X | | | | | | | | | | | | | | | | W3-5 | X | | |
| 132+31, RT | XX M.P.H. | 1 | 30 | 30 | 6.25 | | | | | | 15.25 1 | | | | | | X | X | | | | | | | | | | | | | | | | W1-5R | X | | |
| | | 1 | 18 | 18 | 2.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | W13-1P | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 41.34 | SF | EA. 1 | SF | | | | | | FT | FT | FT | FT 69 | 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 #20**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss20.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 92 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VT ROUTE 105 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133+53, RT | STATE HIGHWAY BEGINS | 1 | 24 | 18 | 3.00 | | | | | | 14.25 | | | | | | | | | | | | | | | | | | | | | | | VR-039 | | | E-141 |
| | SPEED LIMIT 50 | 1 | 24 | 30 | 5.00 | | | | | | 1 | | | | | X | | X | | | | | | | | | | | | | | | R2-1 | X | | |
| | 1050 0611 0253 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 133+53, LT | STATE HIGHWAY ENDS | 1 | 24 | 18 | 3.00 | | | | | | 16.75 | | | | | | | | | | | | | | | | | | | | | | | VR-038 | | | E-141 |
| | SPEED LIMIT 35 | 1 | 30 | 36 | 7.50 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | R2-1 | X | | |
| **SNTH 139 RICHFORD** 1+14, LT | BIKE ROUTE | 1 | 24 | 18 | 3.00 | | | | | | 13 | | | | | X | | X | | | | | | | | | | | | | | | DII-1 | X | | |
| | | 1 | 12 | 9 | 0.75 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | M6-1 (WHITE ON GREEN) | X | | |
| 1+40, LT | Intervale Ave | 1 | 42 | 8 | 2.35 | | | | | | 13.25 | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | Main St | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | STOP B-B | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | 1390 0611 0003 | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 1+91, LT | DOG WASTE | | | | | | 1 | | | | 12 | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| 4+00, LT | E. Berkshire 5 | 1 | 72 | 12 | 6.00 | | | | | | 2 | | | | | | | | | | | | | 15.75 14 | | | | | | | | | VDI-1a | | 108 | |
| | Enosburg Falls 10 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | North Troy 19 | 1 | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | EAST VERMONT 105 | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-2 (GREEN ON WHITE) | X | | |
| | WEST VERMONT 105 | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-4 (GREEN ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-3 (GREEN ON WHITE) | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | FT | FT | FT | FT | FT 40 | FT 29 | | EA | LB | LB | LB | | LB 203 | LB | LB | LB | | | | | | | | |
| **TOTALS** | | | SF 69.41 | SF | EA. 1 | SF | | | | | | FT | | | FT 69 | | | | | 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."

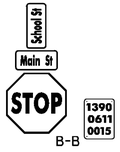
**TRAFFIC SIGN SUMMARY SHEET #21**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss21.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 93 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5+45, RT |  | 1 | 30 | 30 | 6.25 | | | | | | 4.75 | | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 5+64, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 4.75 | | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 6+32, LT |   | 1 | 21 | 15 | 2.19 | | | | | | 14 | | | | | X | | X | | | | | | | | | | | | | | | | M2-1(GREEN ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| 7+41, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 4.75 | | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 7+42, RT |  | 1 | 30 | 30 | 6.25 | | | | | | 4.75 | | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 7+89, LT |   B-B | 1 | 30 | 8 | 1.68 | | | | | | 3.25 | | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 49.88 | SF | EA. | SF | | | | FT | FT | FT | FT 72 | FT 14 | 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."

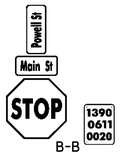
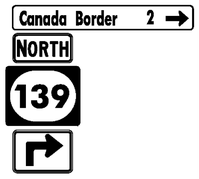
**TRAFFIC SIGN SUMMARY SHEET #22**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss22.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 94 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 23

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9+00, LT |   | | | | | | 1 | | | | 1 | 2.25 | | | | X | | X | | | | | | | | | | | | | | | | | |
| 10+75, LT |   B-B | 1 | 30 | 8 | 1.68 | | | | | | 1 | 4.50 | | | | | X | X | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 24 | 8 | 1.34 | | | | | | 1 | | | | | | X | X | | | | | | | | | | | | | | | | D3-1 | | 105 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 11+00, RT |   | 1 | 72 | 12 | 6.00 | | | | | | 16 | 5.75 | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | | 1 | 24 | 12 | 2.00 | | | | | | 2 | | | | | X | | X | | | | | | | | | | | | | | | | M3-1 (BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 | X | | |
| | | 1 | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M5-1 (BLACK ON WHITE) | X | | |
| 11+38, LT |  | 1 | 30 | 30 | 6.25 | | | | | | 1 | 4.75 | | | | X | | X | 1 | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 11+41, RT |  | 1 | 30 | 30 | 6.25 | | | | | | 1 | 4.75 | | | | X | | X | | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | W16-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| 11+82, RT |   | 1 | 12 | 18 | 1.50 | | | | | | 1 | 2.25 | | | | X | | X | | | | | | | | | | | | | | | | | | III | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | SF 42.88 | SF | EA. 1 | SF | | | | | | FT | FT | FT | FT 85 | FT 14 | | EA 1 | 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."

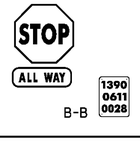
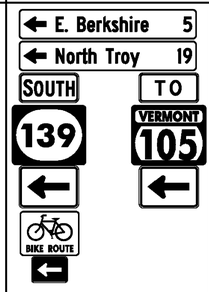
**TRAFFIC SIGN SUMMARY SHEET #23**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss23.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 95 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I3+00, RT |   | I | 30 | 30 | 6.25 | | | | | | 13.75 | | | | | X | | | X | | | | | | | | | | | | | | | W3-1 | X | | |
| | | I | 6 | 10 | 0.42 | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | VD-701 | | 110 | |
| I4+65, LT |   | I | 6 | 10 | 0.42 | | | | | | 6.50 I | | | | X | | | | X | I | | | | | | | | | | | | | | VD-701 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | | 110 | |
| I4+92, RT |   | I | 30 | 30 | 6.25 | | | | | | 14 | | | | | X | | | X | I | | | | | | | | | | | | | | RI-1 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| | | I | 18 | 6 | 0.75 | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | RI-3P | X | | |
| I4+97, LT |   | I | 30 | 30 | 6.25 | | | | | | 13.25 | | | | | X | | | X | | | | | | | | | | | | | | | RI-1 | X | | |
| | | I | 18 | 6 | 0.75 | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | RI-3P USE EXISTING SLEEVE | X | | |
| | | I | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| I5+45, LT |   | I | 72 | 12 | 6.00 | | | | | | 15.25 15.50 2 | | | | | | | | | | | | SEE DWR 9/23/14 SLIP BASE 2 ~~2~~ | X | | | | | | | | | | VDI-1a | | 108 | |
| | | I | 72 | 12 | 6.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VDI-1a | | 108 | |
| | | I | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M3-3 (BLACK ON WHITE) | X | | |
| | | I | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 | X | | |
| | | I | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (BLACK ON WHITE) | X | | |
| | | I | 24 | 12 | 2.00 | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | M4-5 (GREEN ON WHITE) | X | | |
| | | I | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | (GREEN ON WHITE) | | | E-136B |
| | | I | 21 | 15 | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | X | | |
| | | I | 24 | 18 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | DII-1 | X | | |
| | | I | 12 | 9 | 0.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M6-1 (GREEN ON WHITE) | X | | |
| I5+45, LT |   | I | 30 | 8 | 1.68 | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | I | 30 | 8 | 1.68 | | | | | | I | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | I | 30 | 30 | 6.25 | | | | | | | | | | | X | | | X | | | | | | | | | | | | | | | RI-1 | X | | |
| | | I | 18 | 6 | 0.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-3P | X | | |
| | | I | 36 | 12 | 3.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | R6-1 INSTALL 90 DEGREES TO SIGN RI-1 | X | | |
| | | I | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **TOTALS** | | | | SF 69.42 | SF | EA. | SF | | | | FT | FT | FT | FT 8 | FT 55 | FT 63 | | EA 2 | LB | LB | LB | EA. 2 | LB 221 | LB | LB | LB | EA. | EA. | LB | | | | | | |

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**TRAFFIC SIGN SUMMARY SHEET #24**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss24.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 96 OF 115

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 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15+74, LT | STOP / ALL WAY / R | 1 | 30 | 30 | 6.25 | | | | | | 5.75 | | | | | | X | X | 1 | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 18 | 6 | 0.75 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | RI-3P SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | R3-1 | X | | |
| 15+74, LT B-B | DO NOT ENTER / ONE WAY / ONE WAY | 1 | 30 | 30 | 6.25 | | | | | | 4.25 | | | | | | | | | | | | | | | | | | | | | | | | R5-1 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| | | 1 | 36 | 12 | 3.00 | | | | | | 1 | | | | | X | | X | 1 | | | | | | | | | | | | | | | 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 | | |
| 16+16, RT | RESERVED PARKING | 1 | 12 | 18 | 1.50 | | | | | | 2.25 | | | | | X | | X | 1 | | | | | | | | | | | | | | | | R7-8 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| 16+30, LT | ONE HOUR PARKING 7AM - 6PM | 1 | 12 | 18 | 1.50 | | | | | | 0.50 | | | | | X | | X | 1 | | | | | | | | | | | | | | | | R7-5 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| 16+61, RT | ONE HOUR PARKING 7AM - 6PM | 1 | 12 | 18 | 1.50 | | | | | | 0.25 | | | | | X | | X | 1 | | | | | | | | | | | | | | | | R7-5 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| 17+17, LT | ONE HOUR PARKING 7AM - 6PM | 1 | 12 | 18 | 1.50 | | | | | | 0.25 | | | | | X | | X | 1 | | | | | | | | | | | | | | | | R7-5 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 29.25 | SF | EA. | SF | | | | FT | FT | FT | FT | FT 64 | FT 15 | | EA 6 | 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 #25**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss25.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 97 OF 115

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) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I7+49, RT | ONE HOUR PARKING 7AM - 6PM | 1 | 12 | 18 | 1.50 | | | | | | 10.25 1 | | | | | X | | X | 1 | | | | | | | | | | | | | | | R7-5 SLEEVE TO BE INSTALLED IN EXISTING SIDEWALK PER VAOT STANDARD T-45 | X | | |
| I7+56, LT | END R | 1 | 30 | 12 | 2.50 | | | | | | 13.75 1 | | | | | X | | X | | | | | | | | | | | | | | | R3-9dP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| I8+11, RT | Eastern Ave / Province St / STOP / 1390 0611 0034 B-B | 1 | 36 | 8 | 2.01 | | | | | | 15.50 1 | | | | | | X | X | | | | | | | | | | | | | | | D3-1 | | I06 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | I06 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| I8+20, RT | NORTH 139 | 1 | 24 | 12 | 2.00 | | | | | | 13.75 1 | | | | | X | | X | | | | | | | | | | | | | | | M3-1(BLACK ON WHITE) | X | | |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 | X | | |
| I9+04, LT | | 1 | 30 | 30 | 6.25 | | | | | | 14.75 1 | | | | | X | | X | 1 | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) SLEEVE TO BE INSTALLED IN EXISTING PAVEMENT PER VAOT STANDARD T-45 | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| I9+04, RT | | 1 | 30 | 30 | 6.25 | | | | | | 14.75 1 | | | | | X | | X | | | | | | | | | | | | | | | WII-2 (FLUORESCENT YELLOW-GREEN) | X | | |
| | | 1 | 24 | 12 | 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | WI6-7P (FLUORESCENT YELLOW-GREEN) | X | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 42.19 | SF | EA. | SF | | FT | FT | FT | FT 68 | FT 14 | | EA 2 | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | | | | | | |
| | | | | | | | | | | FT 82 | | | | 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 #26**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss26.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 98 OF 115

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 | | | SQUARE STEEL (In) 1.75 lb/ft | 2.0 lb/ft | 2.5 lb/ft | ANCHOR | SLEEVE | TUBULAR ALUMINUM Ø (In) 3.0 lb/ft | 4.0 lb/ft | 4.0 MOD lb/ft | TUBULAR STEEL Ø (In) FOUND-ATION | 3.0 lb/ft | 3.5 lb/ft | 4.0 lb/ft | 5.0 lb/ft | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | 1.12 | 2.0 | 3.0 | 1.88 | 2.42 | 3.35 | | | 1.3 | 1.7 | 1.7 | | 7.6 | 9.0 | 10.8 | 14.6 | | | | | | | | | |
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20+13, LT | BEGIN (R) | 1 | 30 | 12 | 2.50 | | | | | | 14 | | | | | X | | X | | | | | | | | | | | | | | | | R3-9cP (RED ON WHITE) | X | | |
| | | 1 | 24 | 24 | 4.00 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | R8-3 | X | | |
| 20+92, LT | Church St / Province St / STOP / WINTER PARKING BAN EFFECTIVE DEC 1 TO APR 15 8 PM TO 8 AM DAILY EXCEPT / 1390 0611 0040 B-B | 1 | 30 | 8 | 1.68 | | | | | | 15.50 | | | | | | X | | X | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | 1 | | | | 1 | | | | | | X | | X | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 21+48, RT | South St / Province St / STOP / 1390 0611 0041 B-B | 1 | 30 | 8 | 1.68 | | | | | | 13.50 | | | | | | X | | X | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | | X | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 25+78, LT | Elm St / Province St / STOP / 1390 0611 0049 B-B | 1 | 24 | 8 | 1.34 | | | | | | 13.25 | | | | | | X | | X | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | | X | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 27+70, LT | Dewey St / Province St / STOP / 1390 0611 0053 B-B | 1 | 30 | 8 | 1.68 | | | | | | 13.75 | | | | | | X | | X | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | 1 | | | | | | X | | X | | | | | | | | | | | | | | RI-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | | | SF 47.60 | SF | EA. 1 | SF | | | | FT | FT | FT | FT | FT 13 | FT 55 | | EA | LB | LB | LB | EA. | LB | LB | LB | LB | EA. | EA. | LB | | | | | | |
| | | | | | | | | | | | | FT 68 | | | | | | | | 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 #27**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss27.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 99 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29+60, RT | R R | 1 | 36 | 36 | 7.07 | | | | | | 3.50 1 | | | | | X | | X | | | | | | | | | | | | | | | | WI0-1 | X | | |
| 31+94, RT | REPORT EMERGENCY OR PROBLEM TO 1-866-311-6851 CROSSING 847-865W | 1 | 15 | 9 | 0.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | I-13 (MOUNT ON ROADWAY SIDE OF EXISTING RR CONTROL BOX) | | II0 | |
| 32+09, RT | RAIL ROAD CROSSING 2 TRACKS<br>REPORT EMERGENCY OR PROBLEM TO 1-866-311-6851 CROSSING 847-865W | 1<br>1<br>1 | 48<br>27<br>15 | 9<br>9<br>9 | 6.00<br>1.69<br>0.94 | GAVE SIGNS TO DISTRICT/ECI | REPLACED SIGNS | | | | | | | | | | | | | | | | | | | | | | | | | | RI5-1 MOUNT NEW SIGNS ON NEW RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH<br>RI5-2P REFLECTIVE SHEETING.<br>I-13 | X<br>X | <br><br>II0 | |
| 33+39, LT | RAIL ROAD CROSSING 2 TRACKS<br>REPORT EMERGENCY OR PROBLEM TO 1-866-311-6851 CROSSING 847-865W | 1<br>1<br>1 | 48<br>27<br>15 | 9<br>9<br>9 | 6.00<br>1.69<br>0.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI5-1 MOUNT NEW SIGNS ON NEW RAILROAD SIGNAL POLE; OVERLAY THE ENTIRE BACK OF THE CROSSBUCK SIGNS WITH<br>RI5-2P REFLECTIVE SHEETING.<br>I-13 | X<br>X | <br><br>II0 | |
| 35+31, RT | Green Ave<br>Province St<br>STOP<br>1390 0611 0066<br>B-B | 1<br>1<br>1<br>1 | 30<br>36<br>30<br>6 | 8<br>8<br>30<br>10 | 1.68<br>2.01<br>6.25<br>0.42 | | | | | | 3.50 1 | | | | | | | X | X | | | | | | | | | | | | | | | D3-1<br>D3-1<br>RI-1<br>VD-700 | <br><br>X<br> | 106<br>106<br><br> | <br><br><br>E-138 |
| 35+89, LT | R R | 1 | 36 | 36 | 7.07 | | | | | | 3.75 1 | | | | | X | | X | | | | | | | | | | | | | | | | WI0-1 | X | | |
| 43+89, LT | Webster St<br>Province St<br>STOP<br>1390 0611 0084<br>B-B | 1<br>1<br>1<br>1 | 36<br>36<br>30<br>6 | 8<br>8<br>30<br>10 | 2.01<br>2.01<br>6.25<br>0.42 | | | | | | 3.75 1 | | | | | | | X | X | | | | | | | | | | | | | | | D3-1<br>D3-1<br>RI-1<br>VD-700 | <br><br>X<br> | 106<br>106<br><br> | <br><br><br>E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | SF 53.39 | SF | EA. | SF | | | FT | FT | FT | FT 28 | FT 27 | FT 55 | | 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 #28**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss28.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 100 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 29

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46+12, RT | Kings Ct / Province St / STOP / 1390 0611 0087 / B-B | 1 | 30 | 8 | 1.68 | | | | | | 3.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | 1 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | | E-138 |
| 48+10, RT | SPEED LIMIT 25 | 1 | 24 | 30 | 5.00 | | | | | | 1.4 | | | | | | | X | | | X | | | | | | | | | | | | | | | | | | | R2-1 | X | | | |
| 48+39, RT | Golf Course Rd / Province St / STOP / 1390 0611 0091 / B-B | 1 | 42 | 8 | 2.35 | | | | | | 3.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | 1 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | | E-138 |
| 53+00, LT | WINTER PARKING BAN EFFECTIVE DEC. 1 TO APR. 15 8PM TO 8 AM DAILY EXCEPT | | | | | | 1 | | | | 2.75 | | | | | | | X | | | X | | | | | | | | | | | | | | | | | | | | | | | | |
| 53+23, LT | Quebec St / Province St / STOP / 1390 0611 0101 / B-B | 1 | 30 | 8 | 1.68 | | | | | | 3.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 36 | 8 | 2.01 | | | | | | 1 | | | | | | | | X | X | | | | | | | | | | | | | | | | | | | | D3-1 | | 106 | |
| | | 1 | 30 | 30 | 6.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RI-1 | X | | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | | E-138 |
| 55+00, RT | | 1 | 30 | 30 | 6.25 | | | | | | 0.75 | | | | | | | X | | | X | | | | | | | | | | | | | | | | | | | WII-10 | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | SF 43.00 | | | | SF | EA. 1 | SF | | | | FT | FT | FT | FT 82 | | | FT 41 | FT 41 | | EA | LB | | LB | | EA. | 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: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss29.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 101 OF 115

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68+03, LT | 1390 0611 0129 | 1 | 30 | 30 | 6.25 | | | | | | 13.25 1 | | | | | X | | X | | | | | | | | | | | | | | | | WII-10 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 75+19, RT | 1390 0611 0142 | 1 | 36 | 36 | 9.00 | | | | | | 14.50 14.50 2 | | | | | X | | X | | | | | | | | | | | | | | | | S3-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 81+34, LT | 1390 0611 0154 | 1 | 24 | 30 | 5.00 | | | | | | 12.50 1 | | | | | X | | X | | | | | | | | | | | | | | | | R2-1 | X | | |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 85+34, LT | 1390 0611 0162 | 1 | 36 | 36 | 9.00 | | | | | | 13.75 13.75 2 | | | | | X | | X | | | | | | | | | | | | | | | | VW-290 | | | E-150 |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| 86+34, LT | | 1 | 24 | 24 | 4.00 | | | | | | 12 1 | | | | | X | | X | | | | | | | | | | | | | | | | VR-654 | | | E-143 |
| 87+34, LT | SAFETY BELTS 107 REQUIRED | 1 | 30 | 36 | 7.50 | | | | | | 13 1 | | | | | X | | X | | | | | | | | | | | | | | | | VR-601 | | 110 | |
| 89+34, LT | SOUTH 139 1390 0611 0169 | 1 | 24 | 12 | 2.00 | | | | | | 14 1 | | | | | X | | X | | | | | | | | | | | | | | | | M3-3 (BLACK ON WHITE) | | | E-136B |
| | | 1 | 30 | 24 | 5.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MI-5 | | | E-136C |
| | | 1 | 6 | 10 | 0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | VD-700 | | | E-138 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | SF 49.85 | SF | EA. | SF | | | | | | FT | FT | FT | FT | FT 125 | FT 125 | | 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 #30**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss30.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 102 OF 115

STATE OF VERMONT
AGENCY OF TRANSPORTATION

# TRAFFIC SIGN SUMMARY SHEET 31

| MILEMARKER, STATION, OR SIGN NUMBER | SIGN LEGEND | NEW & SALVAGED SIGNS: 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) lb/ft: 1.75 | SQUARE STEEL (In) lb/ft: 2.0 | SQUARE STEEL (In) lb/ft: 2.5 | SQUARE STEEL: ANCHOR | SQUARE STEEL: SLEEVE | TUBULAR ALUMINUM Ø (In) lb/ft: 3.0 | TUBULAR ALUMINUM Ø (In) lb/ft: 4.0 | TUBULAR ALUMINUM Ø (In) lb/ft: 4.0 MOD | TUBULAR STEEL Ø (In): FOUNDATION | TUBULAR STEEL Ø (In) lb/ft: 3.0 | TUBULAR STEEL Ø (In) lb/ft: 3.5 | TUBULAR STEEL Ø (In) lb/ft: 4.0 | TUBULAR STEEL Ø (In) lb/ft: 5.0 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SNTH 139 RICHFORD (CONT.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92+66, LT | Welcome to the United States / All vehicles must report for inspection / Bienvenue aux E'tats-Unis / Toutes les voitures doivent arrêter pour l'inspection | 1 | 96 | 48 | | 32.00 | | | | | 2 | | | | | | | | | | | | 11.25<br>11.25<br>2 | X | | | | | | | | | | SYMBOLS ARE BLUE ON WHITE.<br>ENGLISH TEXT IS BLUE ON WHITE.<br>FRENCH TEXT IS WHITE ON BLUE. | | 109 | |
| 93+67, LT | CUSTOMS AND IMMIGRATION | 1 | 24 | 18 | 3.00 | | | | | | 12<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | BLACK ON WHITE | | 109 | |
| 94+27, RT | 1390 0611 0179 | 1<br>1 | 30<br>6 | 30<br>10 | 6.25<br>0.42 | | | | | | 14<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | W3-1<br>VD-700 | X | | E-138 |
| 94+60, LT | | 1 | 30 | 30 | 6.25 | | | | | | 14.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | W3-1 | X | | |
| 95+84, LT | LEGAL LOAD AS FOR STATE HIGHWAYS | 1 | 24 | 30 | 5.00 | | | | | | 12.25<br>1 | | | | | X | | X | | | | | | | | | | | | | | | | VR-079 | X | | E-141 |
| 95+84, LT | Bienvenue / Welcome To / VERMONT / THE GREEN MOUNTAIN STATE | 1<br>1 | 60<br>60 | 12<br>48 | 5.00<br>20.00 | | | | | | 2 | | | | | | | | | | | | 14.50<br>14.50<br>2 | X | | | | | | | | | | VD-096<br>VD-421a | | III<br>III | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **TOTALS** | | | SF<br>45.92 | SF<br>32.00 | EA. | SF | | | | | | FT | FT | FT | FT | FT<br>57 | FT | | EA | LB | LB | LB | EA.<br>4 | LB<br>371 | 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 #31**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss31.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 103 OF 115

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 | TUBULAR STEEL Ø (In) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SHEET 73 SUBTOTALS | | | | 18.18 | | 4 | | | | | | | | | 57 | | | | | | | | | | | | | | | | | | | |
| | SHEET 74 SUBTOTALS | | | | 33.09 | | 6 | | | | | | | | | 69 | 28 | | 1 | | | | | | | | | | | | | | | | |
| | SHEET 75 SUBTOTALS | | | | 28.94 | | 2 | | | | | | | | | 58 | | | 1 | | | | | | | | | | | | | | | | |
| | SHEET 76 SUBTOTALS | | | | 14.84 | | 9 | | | | | | | | | 52 | | | | | | | | | | | | | | | | | | | |
| | SHEET 77 SUBTOTALS | | | | 51.78 | | 1 | | | | | | | | | 84 | 29 | | 1 | | | | | | | | | | | | | | | | |
| | SHEET 78 SUBTOTALS | | | | 31.79 | | 3 | | | | | | | | | 78 | 14 | | | | | | | | | | | | | | | | | | |
| | SHEET 79 SUBTOTALS | | | | 69.17 | | | | | | | | | | 10 | 57 | 14 | | | | | | | 2 | 187 | | | | | | | | | | |
| | SHEET 80 SUBTOTALS | | | | 51.39 | | | | | | | | | | | 26 | 28 | | | | | | | 1 | 102 | | | | | | | | | | |
| | SHEET 81 SUBTOTALS | | | | 107.75 | | | | | | | | | | | 67 | 29 | | | | | | | 2 | 203 | | | | | | | | | | |
| | SHEET 82 SUBTOTALS | | | | 55.12 | | 1 | | | | | | | | 19 | 106 | 31 | | | | | | | | | | | | | | | | | | |
| | SHEET 83 SUBTOTALS | | | | 36.76 | | 1 | | | | | | | | | 62 | 33 | | | | | | | | | | | | | | | | | | |
| | SHEET 84 SUBTOTALS | | | | 32.95 | | 1 | | | | | | | | | 57 | 29 | | | | | | | | | | | | | | | | | | |
| | SHEET 85 SUBTOTALS | | | | 50.35 | | | | | | | | | | | 42 | 44 | | | | | | | | | | | | | | | | | | |
| | SHEET 86 SUBTOTALS | | | | 64.39 | | | | | | | | | | | 27 | 30 | | | | | | | 2 | 187 | | | | | | | | | | |
| | SHEET 87 SUBTOTALS | | | | 46.44 | | | | | | | | | | | 88 | | | | | | | | | | | | | | | | | | | |
| | SHEET 88 SUBTOTALS | | | | 58.35 | | | | | | | | | | | 100 | 14 | | | | | | | | | | | | | | | | | | |
| | SHEET 89 SUBTOTALS | | | | 64.82 | | | | | | | | | | | 28 | 14 | | | | | | | 2 | 203 | | | | | | | | | | |
| | SHEET 90 SUBTOTALS | | | | 53.57 | | | | | | | | | | | 40 | 43 | | | | | | | | | | | | | | | | | | |
| | SHEET 91 SUBTOTALS | | | | 47.11 | | | | | | | | | | | 112 | | | | | | | | | | | | | | | | | | | |
| | SHEET 92 SUBTOTALS | | | | 41.34 | | 1 | | | | | | | | | 69 | 33 | | | | | | | | | | | | | | | | | | |
| | SHEET 93 SUBTOTALS | | | | 69.41 | | 1 | | | | | | | | | 40 | 29 | | | | | | | 2 | 203 | | | | | | | | | | |
| | SHEET 94 SUBTOTALS | | | | 49.88 | | | | | | | | | | | 72 | 14 | | | | | | | | | | | | | | | | | | |
| | SHEET 95 SUBTOTALS | | | | 42.88 | | 1 | | | | | | | | | 85 | 14 | | 1 | | | | | | | | | | | | | | | | |
| | SHEET 96 SUBTOTALS | | | | 69.42 | | | | | | | | | | 8 | 55 | | | 2 | | | | | 2 | 221 | | | | | | | | | | |
| | SHEET 97 SUBTOTALS | | | | 29.25 | | | | | | | | | | | 64 | 15 | | 6 | | | | | | | | | | | | | | | | |
| | SHEET 98 SUBTOTALS | | | | 42.19 | | | | | | | | | | | 68 | 14 | | 2 | | | | | | | | | | | | | | | | |
| | SHEET 99 SUBTOTALS | | | | 47.60 | | 1 | | | | | | | | | 13 | 55 | | | | | | | | | | | | | | | | | | |
| | SHEET 100 SUBTOTALS | | | | 53.39 | | | | | | | | | | | 28 | 27 | | | | | | | | | | | | | | | | | | |
| | SHEET 101 SUBTOTALS | | | | 43.00 | | 1 | | | | | | | | | 41 | 41 | | | | | | | | | | | | | | | | | | |
| | SHEET 102 SUBTOTALS | | | | 49.85 | | | | | | | | | | | 125 | | | | | | | | | | | | | | | | | | | |
| | SHEET 103 SUBTOTALS | | | | 45.92 | 32.00 | | | | | | | | | | 57 | | | | | | | | 4 | 371 | | | | | | | | | | |
| | PROJECT SUBTOTALS | | | | 1500.92 | 32.00 | 33 | | | | | | | | 37 | 1927 | 622 | | 14 | | | | | 17 | 1677 | | | | | | | | | | |
| | ROUNDING | | | | 9.08 | 3 | - | | | | | | | | 3 | 3 | 3 | | - | | | | | - | 13 | | | | | | | | | | |
| | | | | | | | | | | | | FT | FT | FT | FT 40 | FT 1930 | FT 625 | | EA 14 | LB | LB | LB | | LB 1690 | LB | LB | LB | | | | | | | |
| | **TOTALS** | | | | SF 1510 | SF 35 | EA. 33 | SF | | | | FT | | | FT 2595 | | | | | LB | | | EA. 17 | LB 1690 | | | | EA. | EA. | LB | | | | | |

* "SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS

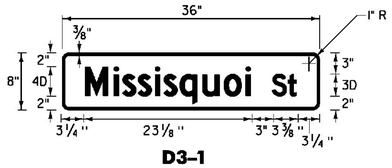
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

**TRAFFIC SIGN SUMMARY SHEET #32**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tss32.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 104 OF 115

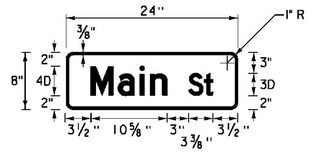



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 105
STA. 47+99, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

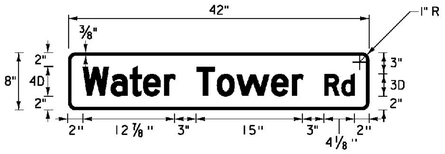



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 105
STA. 47+99, RT
ENOSBURG: VT ROUTE 108
STA. 253+70, LT
RICHFORD: VT ROUTE 105
STA. 88+01, LT
STA. 88+08, RT
STA. 90+36, RT
STA. 95+13, RT
STA. 99+82, LT
RICHFORD: SNTH 139
STA. 1+40, LT
STA. 7+89, LT
STA. 10+75, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

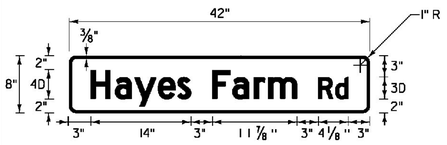



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 105
STA. 79+76, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

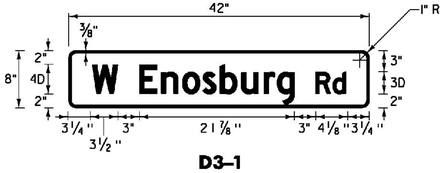



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 108
STA. 237+77, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

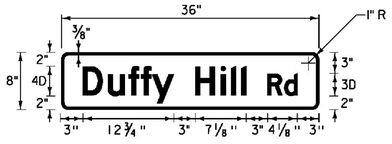



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 108
STA. 237+77, RT
STA. 248+47, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

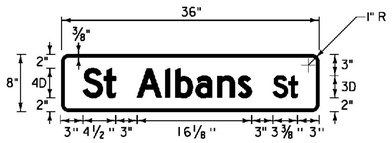



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 108
STA. 248+47, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

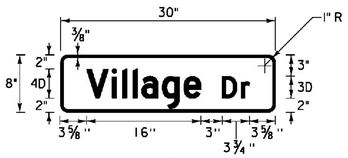



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 108
STA. 253+18, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

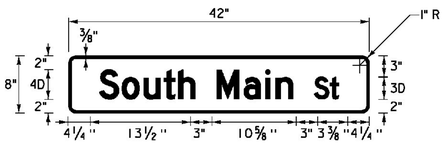



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 108
STA. 253+18, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

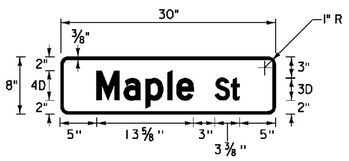



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 84+46, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

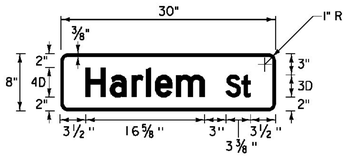



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 84+46, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

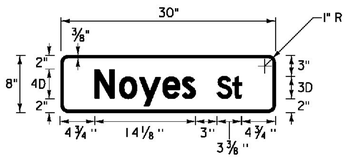



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 88+01, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

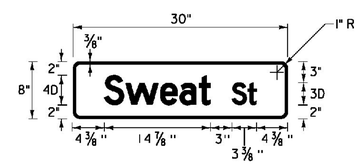



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 88+08, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

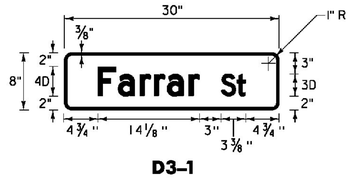



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 90+36, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

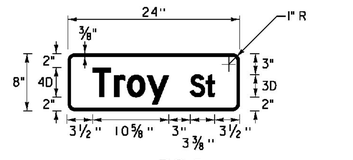



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 95+13, RT
STA. 106+62, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

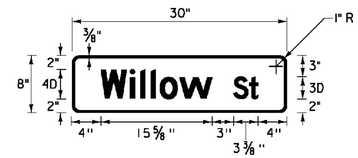



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 99+82, LT
STA. 102+80, LT
STA. 106+62, RT
STA. 107+07, RT
STA. 114+31, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

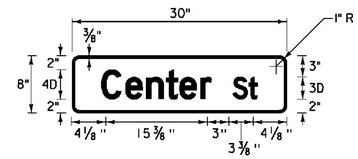



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 102+80, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM




**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 107+07, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

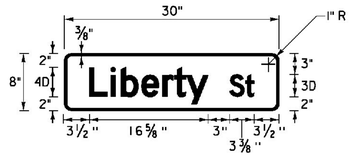
Stantec

**TRAFFIC SIGN DETAIL SHEET #1**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd01.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 105 OF 115

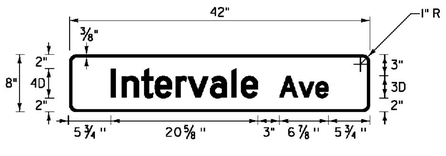



**D3-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 114+31, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

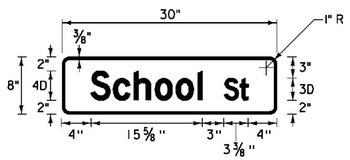



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 1+40, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

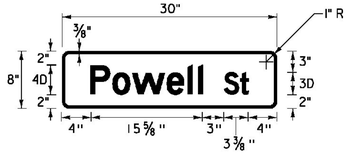



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 7+89, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

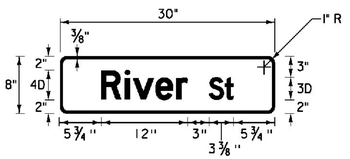



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 10+75, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

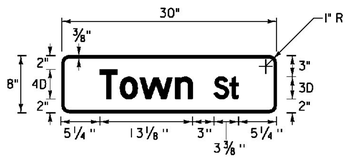



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 15+45, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

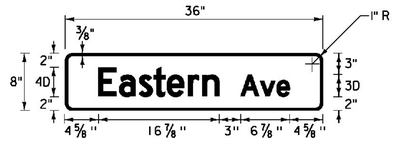



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 15+45, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

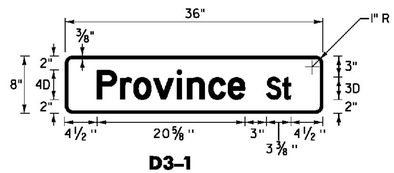



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 18+11, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

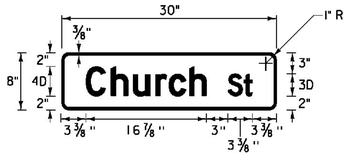



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 18+11, RT
STA. 20+92, LT
STA. 21+48, RT
STA. 25+78, LT
STA. 27+70, LT
STA. 35+31, RT
STA. 43+89, LT
STA. 46+12, RT
STA. 48+39, RT
STA. 53+23, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

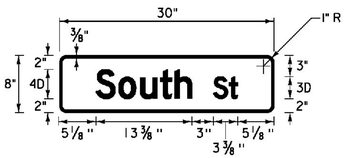



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 20+92, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

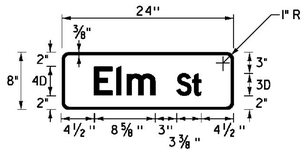



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 21+48, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

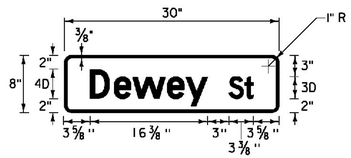



**D3-1**

LOCATION: ENOSBURG: VT ROUTE 105
STA. 79+76, LT
RICHFORD: SNTH 139
STA. 25+78, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

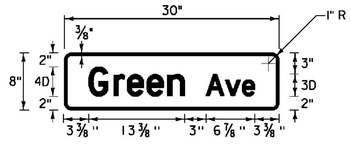



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 27+70, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

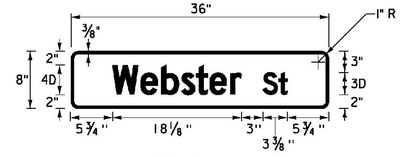



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 35+31, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

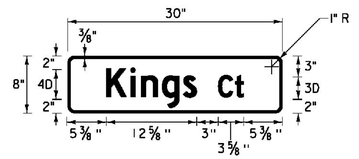



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 43+89, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

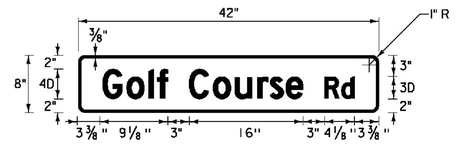



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 46+12, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

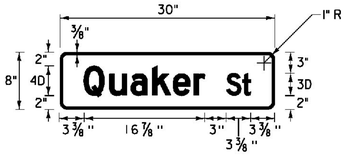



**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 48+39, RT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM




**D3-1**

LOCATION: RICHFORD: SNTH 139
STA. 53+23, LT

COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

NOT TO SCALE

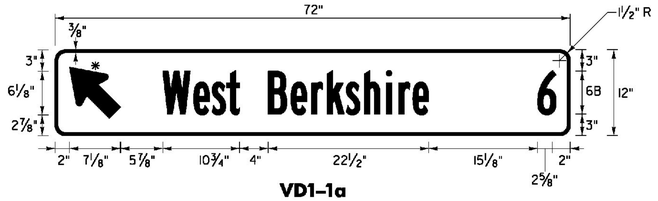
Stantec

**TRAFFIC SIGN DETAIL SHEET #2**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd02.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 106 OF 115

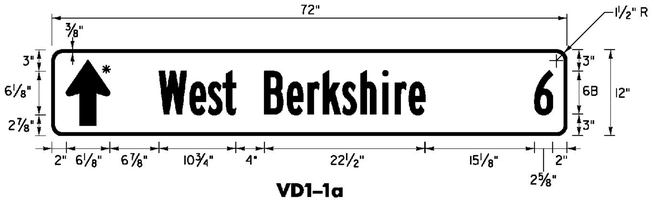



LOCATION: ENOSBURG: VT ROUTE 105
STA. 59+42, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

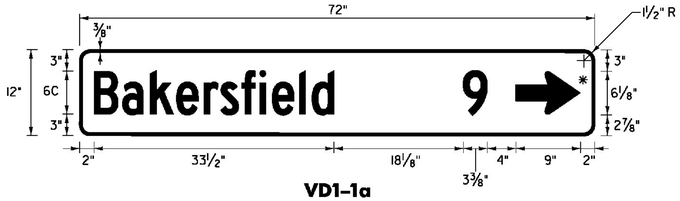



LOCATION: ENOSBURG: VT ROUTE 108
STA. 256+24, RT
STA. 266+50, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

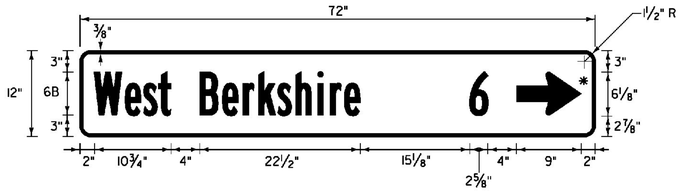



LOCATION: ENOSBURG: VT ROUTE 108
STA. 265+56, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

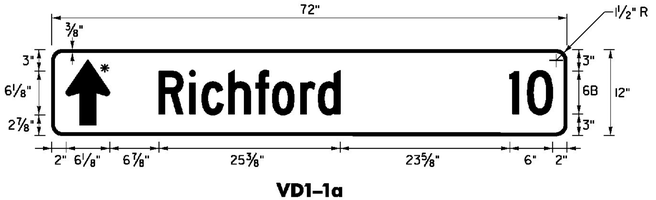



LOCATION: ENOSBURG: VT ROUTE 105
STA. 65+38, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109




LOCATION: ENOSBURG: VT ROUTE 108
STA. 256+24, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

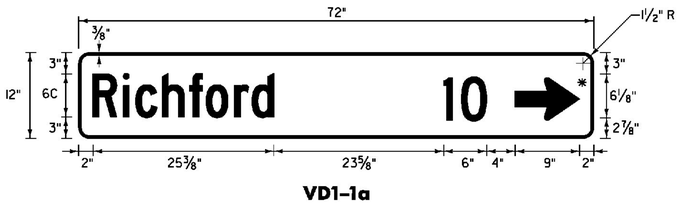



LOCATION: ENOSBURG: VT ROUTE 108
STA. 266+50, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

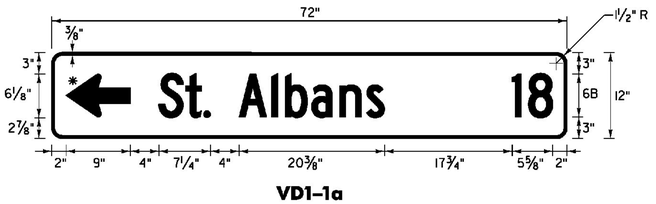



LOCATION: ENOSBURG: VT ROUTE 108
STA. 248+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

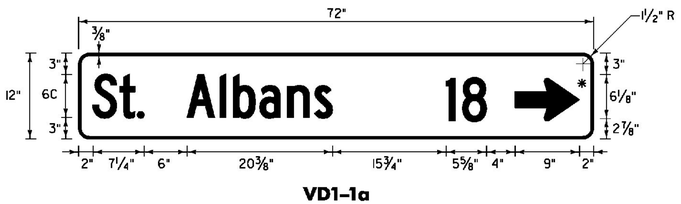



LOCATION: ENOSBURG: VT ROUTE 108
STA. 256+24, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

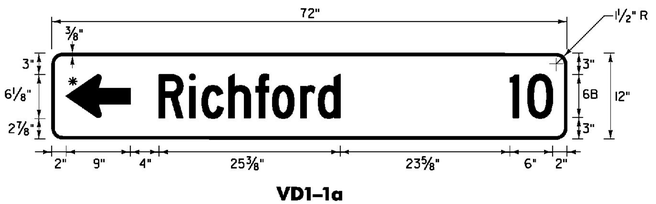



LOCATION: ENOSBURG: VT ROUTE 108
STA. 248+00, RT
STA. 265+56, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109




LOCATION: ENOSBURG: VT ROUTE 108
STA. 265+56, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

NOT TO SCALE

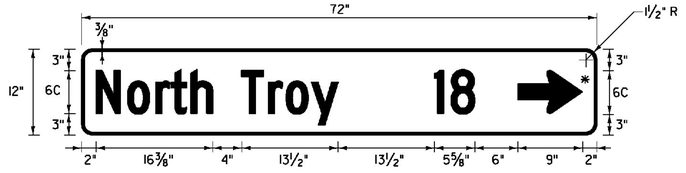
**TRAFFIC SIGN DETAIL SHEET #3**

Stantec

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd03.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE



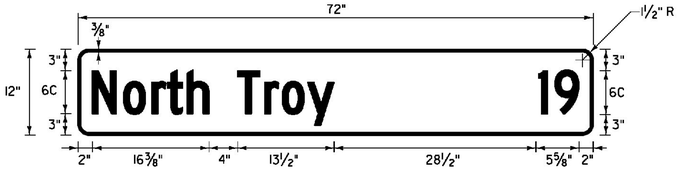

**VD1-1a**

LOCATION: RICHFORD: VT ROUTE 105
STA. 94+42, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

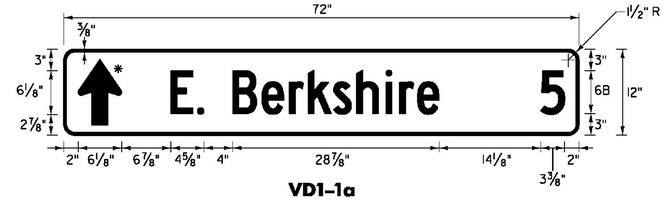



**VD2-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 101+95, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



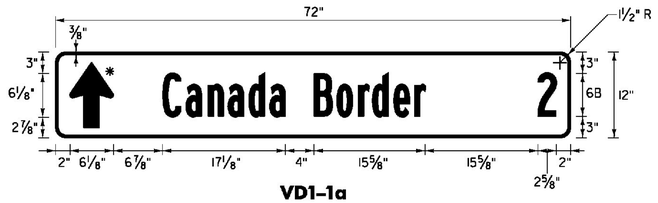

**VD1-1a**

LOCATION: RICHFORD: SNTH 139
STA. 4+00, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109



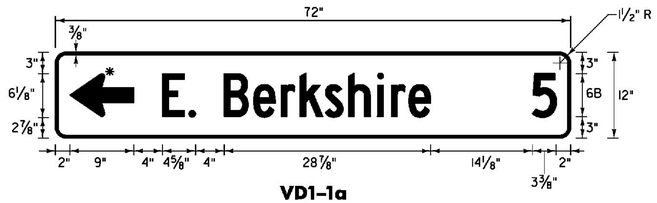

**VD1-1a**

LOCATION: RICHFORD: VT ROUTE 105
STA. 94+42, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109



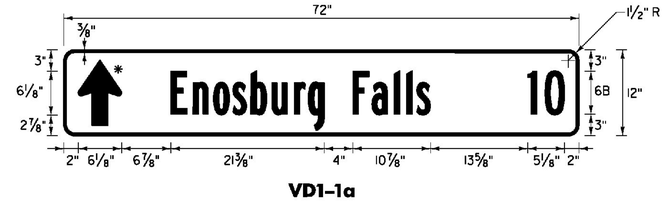

**VD1-1a**

LOCATION: RICHFORD: VT ROUTE 105
STA. 105+61, LT
RICHFORD: SNTH 139
STA. 15+45, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109



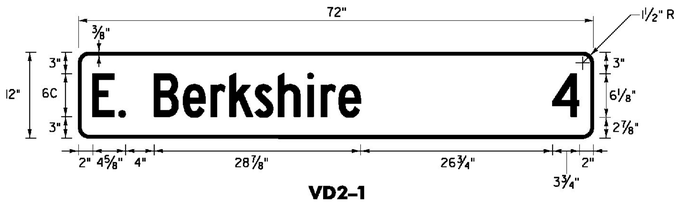

**VD1-1a**

LOCATION: RICHFORD: SNTH 139
STA. 4+00, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

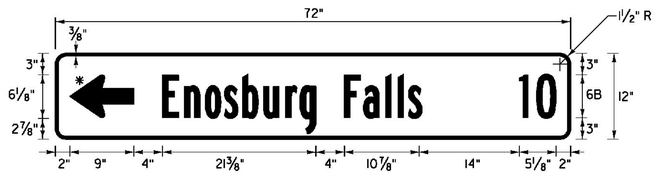



**VD2-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 94+76, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM



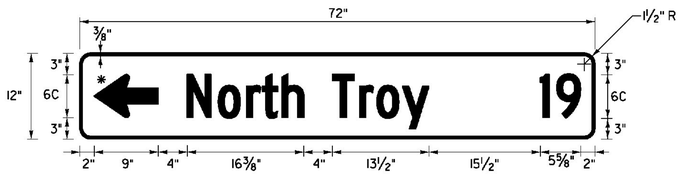

**VD1-1a**

LOCATION: RICHFORD: VT ROUTE 105
STA. 105+61, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109



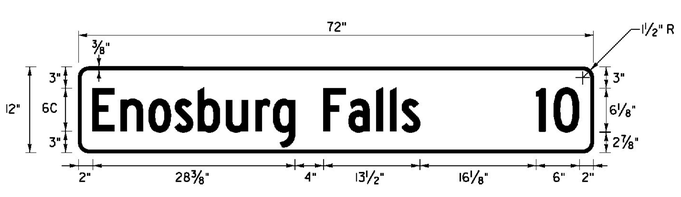

**VD1-1a**

LOCATION: RICHFORD: SNTH 139
STA. 4+00, LT
STA. 15+45, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

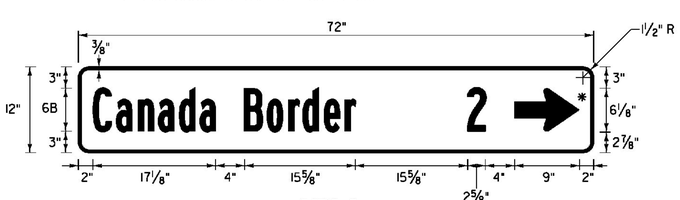



**VD2-1**

LOCATION: RICHFORD: VT ROUTE 105
STA. 94+76, LT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM




**VD1-1a**

LOCATION: RICHFORD: VT ROUTE 105
STA. 105+61, LT
RICHFORD: SNTH 139
STA. 11+00, RT

COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* FOR ARROW DETAIL SEE SHEET 109

NOT TO SCALE

NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 110.

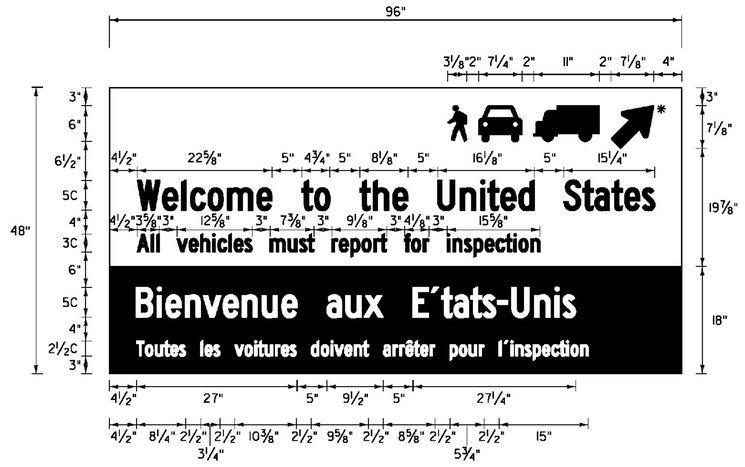
Stantec

**TRAFFIC SIGN DETAIL SHEET #4**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd04.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 108 OF 115

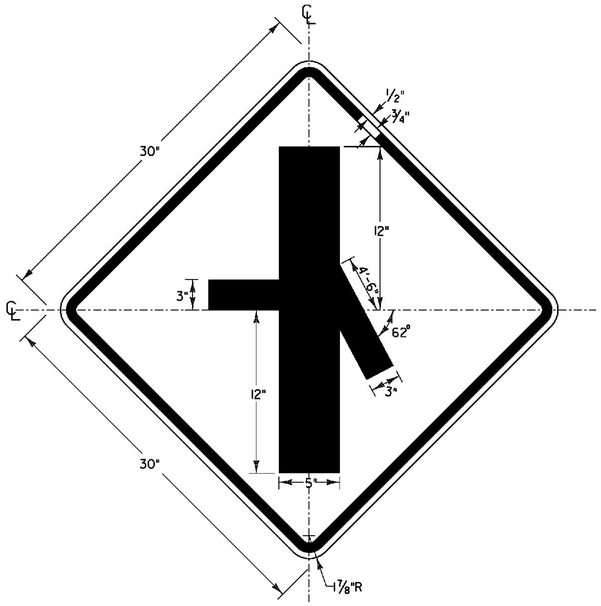



LOCATION: RICHFORD: SNTH 139
STA. 92+66, LT

COLOR: SYMBOLS AND ENGLISH LETTERING (BLUE ON WHITE RETROREFLECTIVE)
FRENCH LETTERING (WHITE ON BLUE RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-130

* FOR ARROW DETAIL SEE BELOW

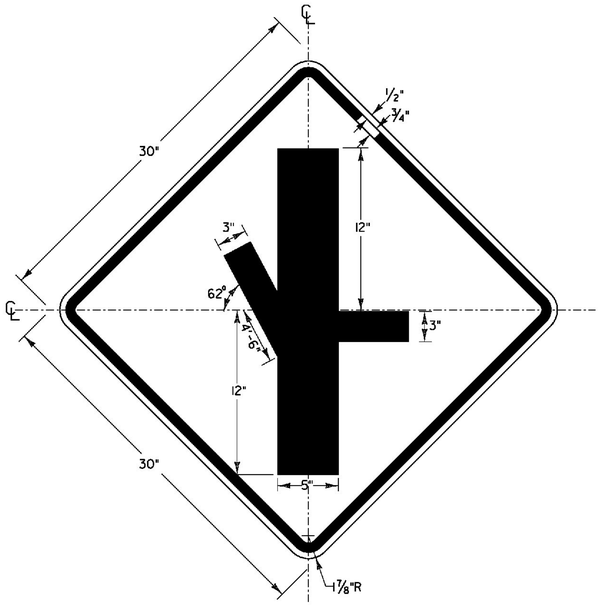



**W2-7R VARIATION**

LOCATION: RICHFORD: VT ROUTE 105
STA. 85+37, RT

COLOR: BLACK BORDER AND SYMBOL WITH
YELLOW (RETROREFLECTIVE) BACKGROUND

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE SHEET 110

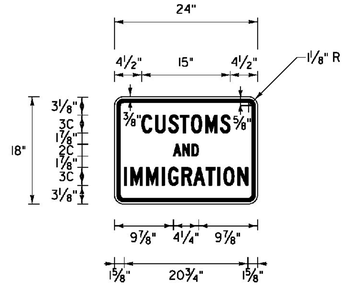



**W2-7L VARIATION**

LOCATION: RICHFORD: VT ROUTE 105
STA. 90+80, LT

COLOR: BLACK BORDER AND SYMBOL WITH
YELLOW (RETROREFLECTIVE) BACKGROUND

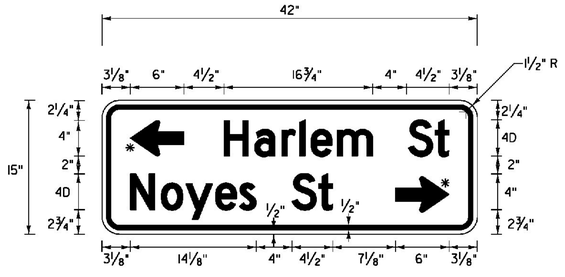
MATERIAL: PER THE TRAFFIC SIGN TABLE SEE SHEET 110




LOCATION: RICHFORD: SNTH 139
STA. 93+67, LT

COLOR: BLACK BORDER AND LEGEND
ON WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE SHEET 110



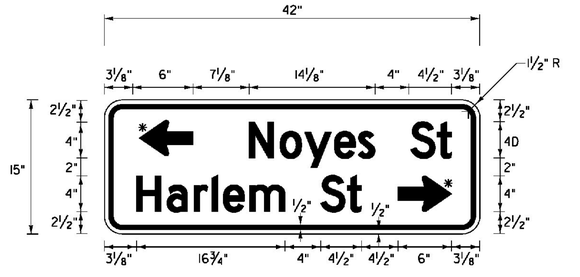

**W16-8aP**

LOCATION: RICHFORD: VT ROUTE 105
STA. 85+37, RT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE SHEET 110

* FOR ARROW DETAIL SEE BELOW



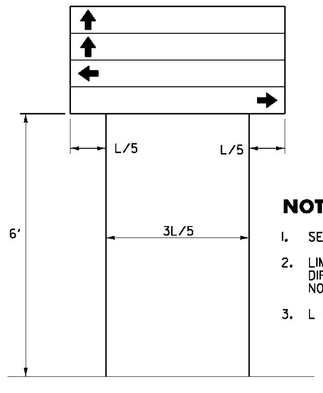

**W16-8aP**

LOCATION: RICHFORD: VT ROUTE 105
STA. 90+80, LT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE SHEET 110

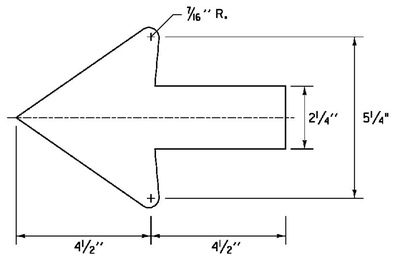
* FOR ARROW DETAIL SEE BELOW



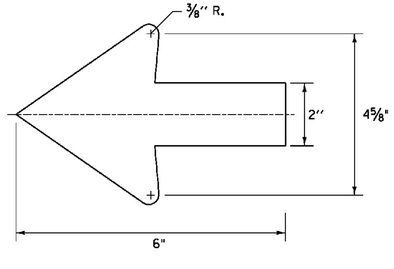

**DESTINATION ASSEMBLY**

**NOTES:**

1. SEQUENCE OF ARROWS AS SHOWN.
2. LIMIT TO 2 SIGNS IN EACH DIRECTION, UNLESS OTHERWISE NOTED.
3. L = LENGTH OF SIGN




**STANDARD SHSM 2.25" ARROW**




**STANDARD SHSM 2" ARROW**

NOT TO SCALE

NOTE: SEE TRAFFIC SIGN NOTES ON SHEET 110.

**TRAFFIC SIGN DETAIL SHEET #5**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd05.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 109 OF 115




**VR-601**

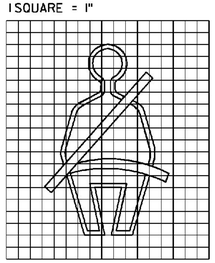
LOCATION: RICHFORD: SNTH 139
STA. 87+34, LT

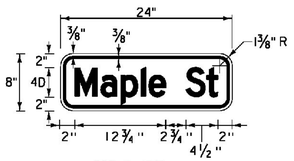
COLOR: BLACK BORDER, SYMBOL & TEXT (RETROREFLECTIVE)
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE THIS SHEET

SYMBOL: 16" HIGH RG015

1SQUARE = 1"



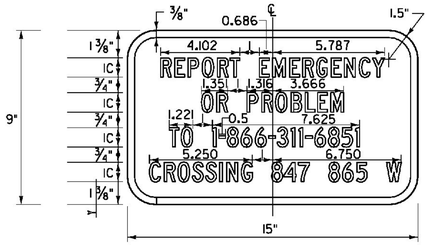



**W16-8P**

LOCATION: RICHFORD: VT ROUTE 105
STA. 87+17, LT

COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE SEE THIS SHEET




**I-13**

COLORS: WHITE BORDER AND TEXT (RETROREFLECTIVE)
BLUE BACKGROUND (RETROREFLECTIVE)

LOCATIONS:
SNTH 139 RICHFORD STA. 31+94, RT (ON RR CONTROL BOX)
SNTH 139 RICHFORD STA. 32+09, RT (ON SIGNAL POLE)
SNTH 139 RICHFORD STA. 33+39, LT (ON SIGNAL POLE)

## GENERAL MOTORIST SERVICE SIGN NOTES:

1. THE EMERGENCY CONTACT TELEPHONE NUMBER IS 1-866-311-6851, THE CROSSING NUMBER IS 847-865W ON SNTH 139.

2. PLACE A MINIMUM OF (3) I-13 SIGNS AT EACH CROSSING. ONE ON EACH SIDE OF THE CROSSING AND ONE ON THE SIGNAL CASE OR HOUSE.

COLORS:

THE SIGNS SHALL HAVE AN ASTM D 4956 TYPE III RETROREFLECTORIZED WHITE TEXT AND BORDER ON AN ASTM D 4956 TYPE III RETROREFLECTORIZED BLUE BACKGROUND. THE COLORS SHALL CONFORM WITH THE COLORS ADOPTED BY AASHTO AND APPROVED BY THE FHWA.

MATERIALS:

THE SIGN BASE MATERIALS USED FOR THE GUIDE SIGNS MAY BE ANY OF THE FOLLOWING MINIMUM THICKNESSES NOTED:

| | |
|---|---|
| FLAT SHEET ALUMINUM | 0.080" |
| HIGH DENSITY OVERLAID PLYWOOD | ½" |

THE RETROREFLECTIVE MATERIAL SHALL BE RETROREFLECTIVE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE TEXT AND BORDER MAY BE LETTERING FILM OR SILK SCREENED.

TEXT DESIGN:

LETTERS, DIGITS, SYMBOLS, SPACINGS AND TEXT DIMENSIONS SHALL CONFORM TO THE LATEST VERSION OF FHWA'S "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS". DETAILS SHALL CONFORM WITH THOSE DESCRIBED IN THE PUBLICATION "STANDARD HIGHWAY SIGNS" AS SPECIFIED IN THE MUTCD.

DESIGN:
THE DESIGN OF THESE SIGNS SHALL CONFORM WITH THE DETAILS SET FORTH IN THE MANUAL "STANDARD HIGHWAY SIGNS" AS SPECIFIED IN "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

SPECIFICATIONS:
THE SIGNS SHALL MEET THE VERMONT STANDARD STATE SPECIFICATIONS FOR "TRAFFIC SIGNS" AS DESCRIBED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.

## 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.

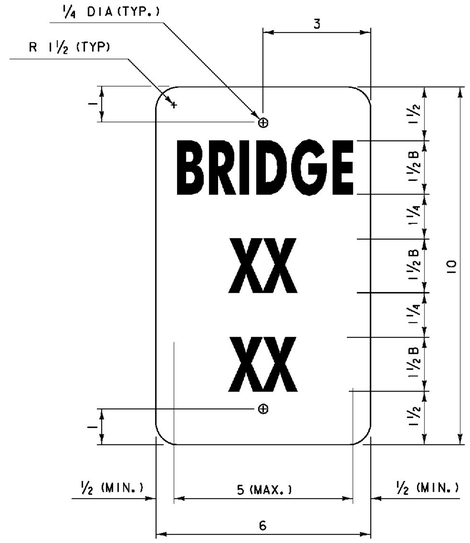
3. ALL SHEETING SHALL BE TYPE III MINIMUM PER SUBSECTION 750.08 RETROREFLECTIVE SHEETING.

4. ALL STREET NAME SIGNS ARE TWO-SIDED UNLESS NOTED OTHERWISE.

5. WHEN INSTALLING STREET NAME SIGNS (D3-1) USE 12" BRACKETS.

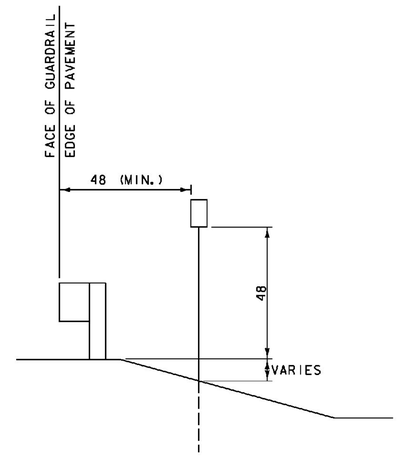
6. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

| 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" |




**VD-701**

| ENOSBURG | BR# | ROUTE |
|---|---|---|
| STA. 250+00, RT | 50 | VT 108 |
| STA. 252+80, LT | 50 | VT 108 |
| STA. 269+00, RT | 51 | VT 108 |
| STA. 269+50, LT | 51 | VT 108 |
| RICHFORD | | |
| STA. 13+00, RT | 41 | SNTH 139 |
| STA. 14+65, LT | 41 | SNTH 139 |




**VD-701 INSTALLATION DETAIL**

## 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.

NOT TO SCALE

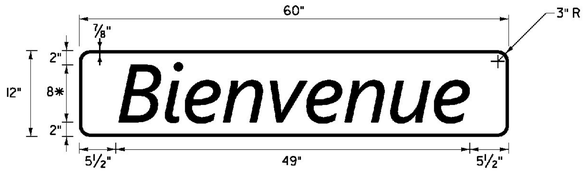
Stantec

**TRAFFIC SIGN DETAIL SHEET #6**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd06.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 110 OF 115

# ROUTE MARKER ASSEMBLY FRAMES



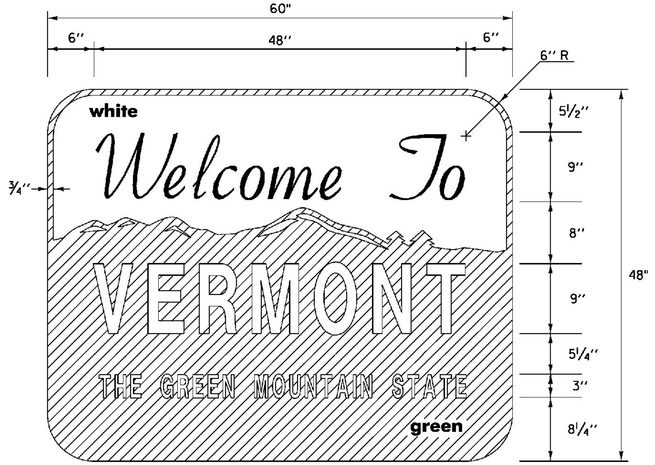

**VD-096**

LOCATION: RICHFORD: SNTH 139
STA. 95+84, LT

COLOR: GREEN BORDER AND TEXT (RETROREFLECTIVE)
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

* "Bienvenue" FONT= SEGOE UI ITALIC




**VD-421a**

LOCATION: RICHFORD: SNTH 139
STA. 95+84, LT

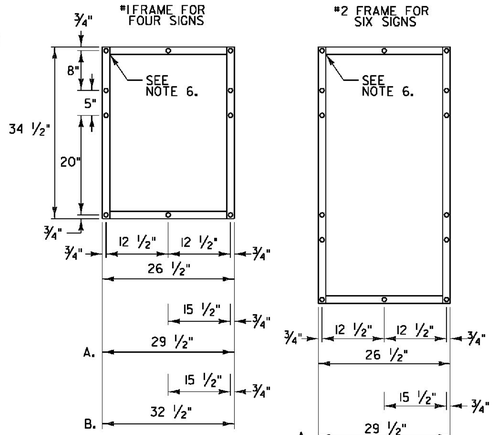
COLOR: SEE NOTE BELOW

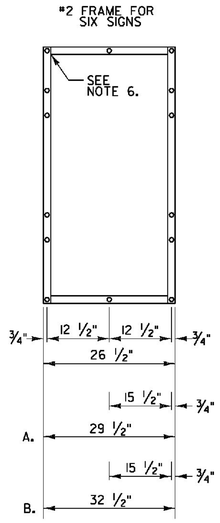
MATERIAL: SEE NOTE BELOW

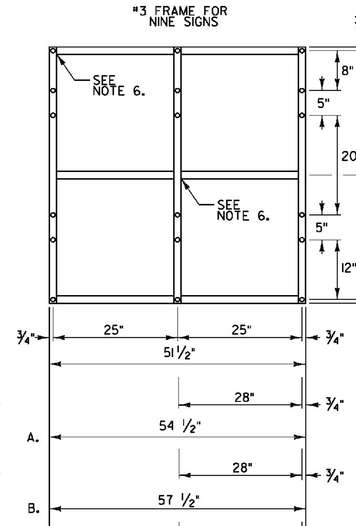
NOTE:

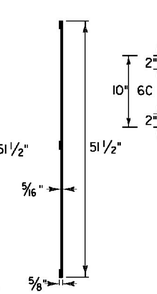
FOR THE WORDS "WELCOME TO" USE GERBER FONT MURRAY HILL BOLD OR EQUIVALENT. TEXT COLOR IS GREEN. ALL OTHER TEXT USE GERBER FONT SOUVENIR TEXT COLOR IS WHITE. DEMI BOLD OR EQUIVALENT. REFER TO STD. E-131 FOR COLORS.
MATERIALS:
THE SIGN BASE MATERIALS USED FOR THIS SIGN MAY BE ANY OF THE FOLLOWING OF THE MINIMUM THICKNESS NOTED. FLAT SHEET ALUMINUM 0.100" HIGH DENSITY OVERLAID PLYWOOD"

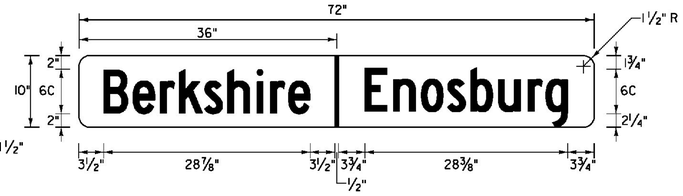



**VD-024**

LOCATION: BERKSHIRE STA. 0+00, RT / ENOSBURG STA. 311+63, RT

COLOR: WHITE DIVIDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: 0.125" FLAT SHEET ALUMINUM

## FRAME 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" × 1½" A-36 STEEL.
6. ALL OVERLAPPED CONNECTIONS SHALL BE WELDED WITH TWO ¼" WIDE FILLET WELDS, 1½" LONG.

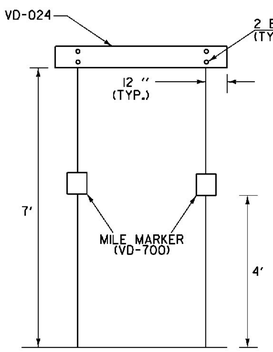


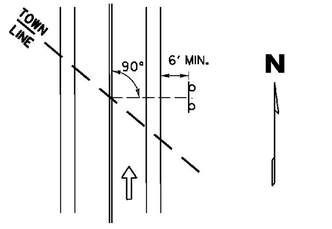



LOCATION: RICHFORD: SNTH 139
STA. 11+82, RT

COLOR: GREEN BORDER AND TEXT
WHITE SYMBOL ON BLUE BACKGROUND
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER THE TRAFFIC SIGN TABLE
SEE SHEET 112




℄ THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

WHEN CROSSING COUNTY BOUNDARIES AN ADDITIONAL COUNTY LINE SIGN (VD-025) SHALL BE MOUNTED BELOW THE TOWN LINE SIGN (VD-024) MAINTAINING A SEVEN FOOT CLEARANCE.

## TOWN LINE SIGN NOTES:

1. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
2. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
4. THE SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM 0.125" MINIMUM THICKNESS. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM) D 4956 TYPE III.
5. SIGNS SHALL HAVE A RETROREFLECTIVE WHITE LEGEND ON A RETROREFLECTIVE GREEN BACKGROUND.
6. LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.

NOT TO SCALE

Stantec

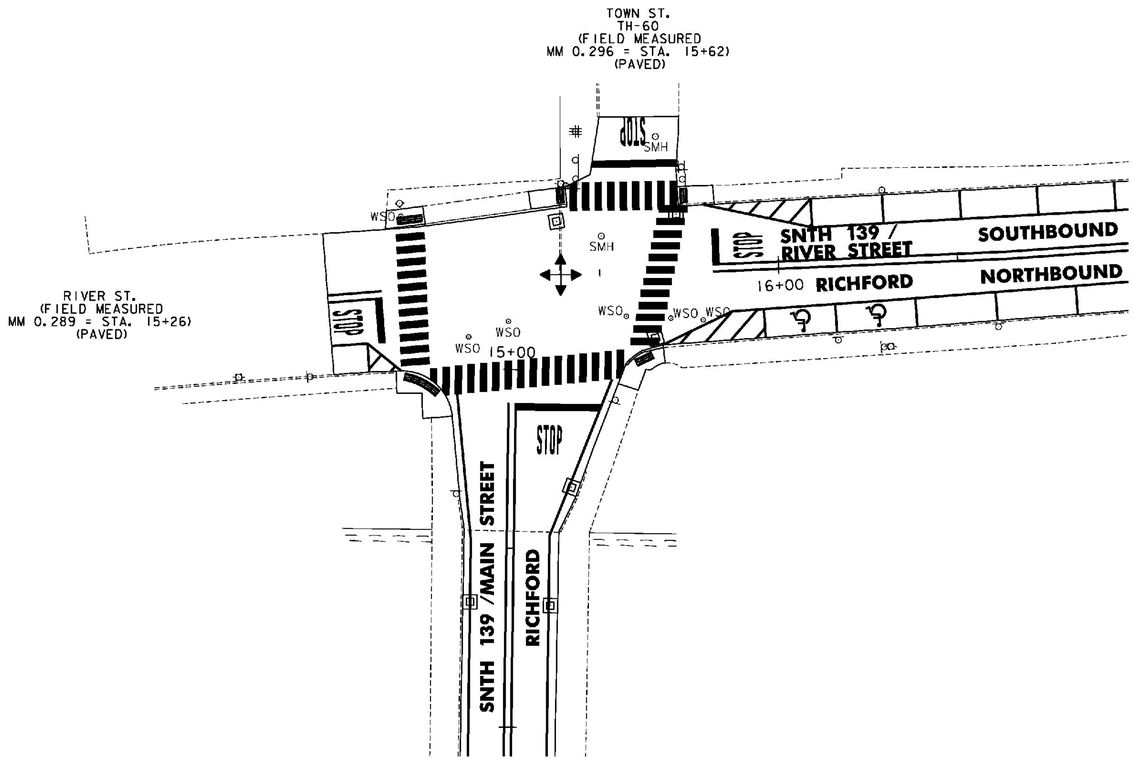
**TRAFFIC SIGN DETAIL SHEET #7**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsd07.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 111 OF 115

# RICHFORD SNTH 139 /RIVER STREET INTERSECTION

| ITEM 900.620 SPECIAL PROVISION<br>(REMOVE & REPLACE FLASHING BEACON, AERIAL MOUNTED)<br>RICHFORD STA. 15+26 | | |
|---|---|---|
| QUANTITY | UNIT | DESCRIPTION |
| 1 | EA | FLASHING BEACON SIGNAL HEAD (4 SINGLE SECTIONS WITH |
| | | MOUNTING HARDWARE) |




| LEGEND | |
|---|---|
| DESCRIPTION | |
| ----- | EXISTING CONDUIT |
| □ | EXISTING JUNCTION BOX |
| CT | EXISTING CONTROLLER CABINET |
| | EXISTING POLE |
| | EXISTING VIDEO DETECTION AREA |
| | VIDEO DETECTION AREA |
| | EXISTING VIDEO DETECTOR CAMERA |
| | PROPOSED VIDEO DETECTOR CAMERA |
| | 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.

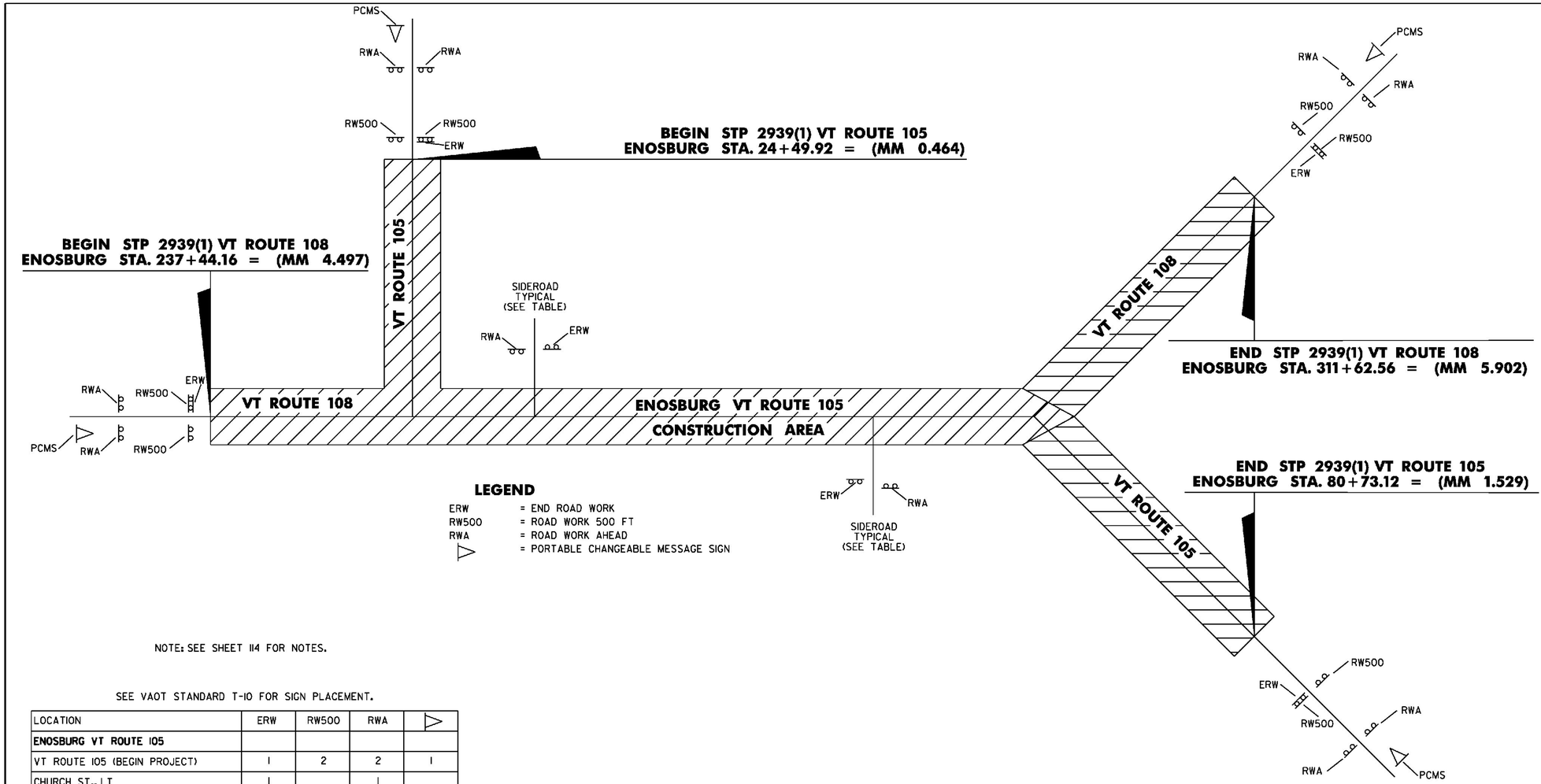
NOT TO SCALE

Stantec

**TRAFFIC SIGNAL SYSTEM SHEET**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312tsss.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 112 OF 115




NOTE: SEE SHEET 114 FOR NOTES.

SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

| LOCATION | ERW | RW500 | RWA | ▷ |
|---|---|---|---|---|
| **ENOSBURG VT ROUTE 105** | | | | |
| VT ROUTE 105 (BEGIN PROJECT) | 1 | 2 | 2 | 1 |
| CHURCH ST., LT | 1 | | 1 | |
| CHURCH ST., RT | 1 | | 1 | |
| DICKINSTON AVE. | 1 | | 1 | |
| SCHOOL ST. | 1 | | 1 | |
| MISSISQUOI ST. | 1 | | 1 | |
| BISMARK ST. | 1 | | 1 | |
| DEPOT ST. | 1 | | 1 | |
| ORCHARD ST. | 1 | | 1 | |
| PLEASANT ST. | 1 | | 1 | |
| VT ROUTE 105 (END PROJECT) | 1 | 2 | 2 | 1 |
| WATER TOWER RD. | 1 | | 1 | |
| **ENOSBURG VT ROUTE 108** | | | | |
| VT ROUTE 108 (BEGIN PROJECT) | 1 | 2 | 2 | 1 |
| HAYES FARM RD. | 1 | | 1 | |
| DUFFY HILL RD. | 1 | | 1 | |
| ST. ALBANS ST. | 1 | | 1 | |
| VT ROUTE 108 (END PROJECT) | 1 | 2 | 2 | 1 |
| | | | | |
| **ENOSBURG TOTALS** | 17 | 8 | 21 | 4 |

NOT TO SCALE

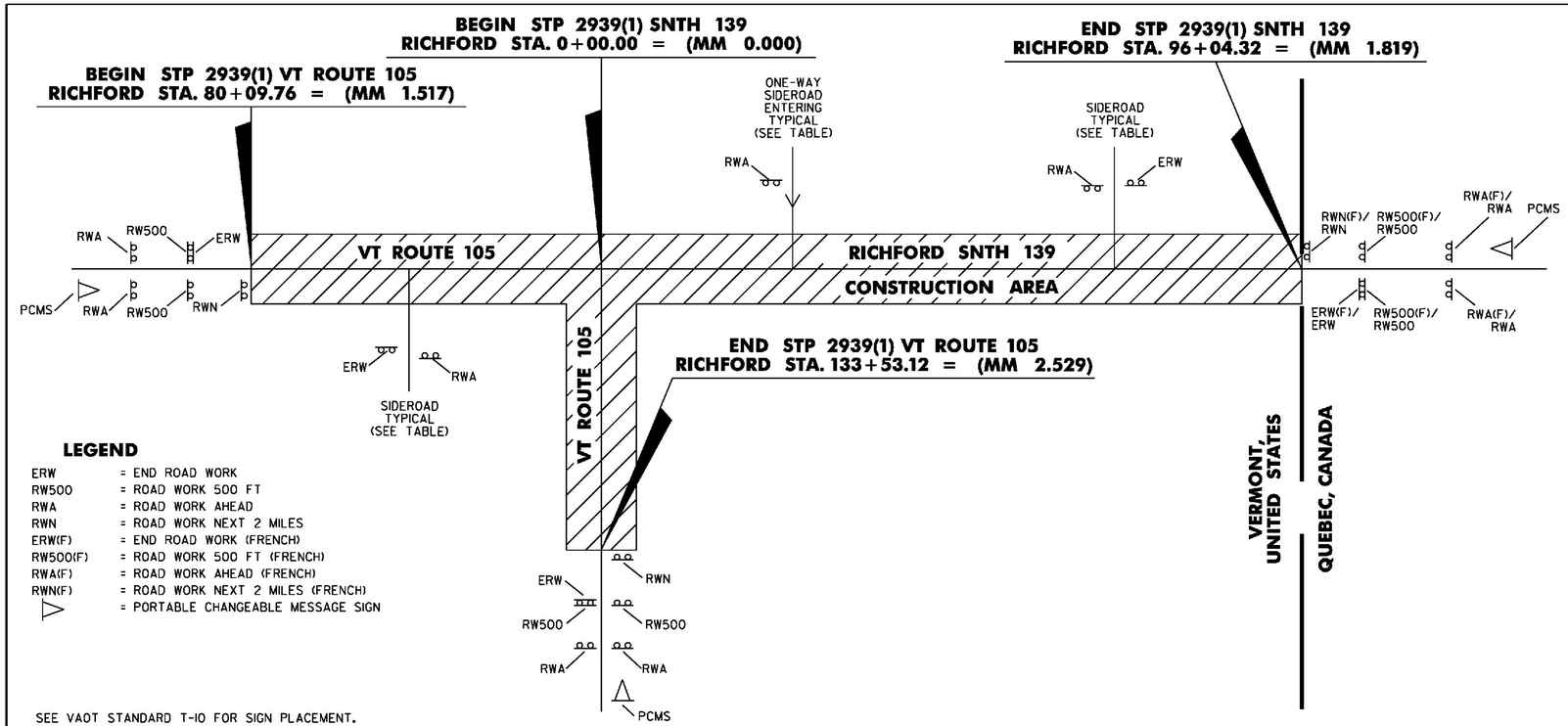
Stantec

**CONSTRUCTION APPROACH SIGNING SHEET #1**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(1)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312cas01.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 113 OF 115




## LEGEND

| | |
|---|---|
| ERW | = END ROAD WORK |
| RW500 | = ROAD WORK 500 FT |
| RWA | = ROAD WORK AHEAD |
| RWN | = ROAD WORK NEXT 2 MILES |
| ERW(F) | = END ROAD WORK (FRENCH) |
| RW500(F) | = ROAD WORK 500 FT (FRENCH) |
| RWA(F) | = ROAD WORK AHEAD (FRENCH) |
| RWN(F) | = ROAD WORK NEXT 2 MILES (FRENCH) |
| ▷ | = PORTABLE CHANGEABLE MESSAGE SIGN |

SEE VAOT STANDARD T-10 FOR SIGN PLACEMENT.

| LOCATION | ERW | RW500 | RWA | RWN | ERW(F) | RW500(F) | RWA(F) | RWN(F) | ▷ |
|---|---|---|---|---|---|---|---|---|---|
| **RICHFORD VT ROUTE 105** | | | | | | | | | |
| VT ROUTE 105 (BEGIN PROJECT) | 1 | 2 | 2 | 1 | | | | | 1 |
| NOYES ST. | 1 | | 1 | | | | | | |
| SWEAT ST. | 1 | | 1 | | | | | | |
| FARRAR ST. | | | 1 | | | | | | |
| WILLOW ST. | 1 | | 1 | | | | | | |
| CENTER ST. | 1 | | 1 | | | | | | |
| LIBERTY ST. | 1 | | 1 | | | | | | |
| VT ROUTE 105 (END PROJECT) | 1 | 2 | 2 | 1 | | | | | 1 |
| **RICHFORD SNTH 139** | | | | | | | | | |
| INTERVALE AVE. TH-68 | 1 | | 1 | | | | | | |
| SCHOOL ST. TH-67 | 1 | | 1 | | | | | | |
| POWELL ST. TH-65 | 1 | | 1 | | | | | | |
| RIVER ST. | 1 | | 1 | | | | | | |
| TOWN ST. (ONE WAY) TH-60 | | | 1 | | | | | | |
| EASTERN AVE. TH-44 | 1 | | 1 | | | | | | |
| CHURCH ST. TH-59 | 1 | | 1 | | | | | | |
| SOUTH ST. TH-62 | 1 | | 1 | | | | | | |
| ELM ST. TH-57 | 1 | | 1 | | | | | | |
| DEWEY ST. | 1 | | 1 | | | | | | |
| GREEN AVE. TH-52 | 1 | | 1 | | | | | | |
| WEBSTER ST. TH-51 | 1 | | 1 | | | | | | |
| KINGS CT. TH-82 | 1 | | 1 | | | | | | |
| GOLF COURSE RD. TH-7 | 1 | | 1 | | | | | | |
| QUAKER ST. TH-10 | 1 | | 1 | | | | | | |
| SNTH 139 (END PROJECT) | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 |
| | | | | | | | | | |
| **RICHFORD TOTALS** | 22 | 6 | 27 | 3 | 1 | 2 | 2 | 1 | 3 |

## PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL IN ADVANCE OF THE PLAN BEING 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 AND ALL ITEMS LISTED IN NOTES 2 THROUGH 7 BELOW WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10, TRAFFIC CONTROL.
2. 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.
3. 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.
4. 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 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 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.
5. 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.
6. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
7. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND TPAR HAVE BEEN PROVIDED.

## 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 AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE CURRENT 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 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, 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.
3. 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 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.
4. 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.
5. SEE VAOT STANDARD T-10 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
6. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF MUTCD, AND AS OUTLINED IN THE SPECIAL PROVISIONS.
7. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
8. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
9. RETROREFLECTIVE SHEETING SHALL BE AS NOTED ON VAOT STANDARD T-1 AND IN SUBSECTION 750.08.
10. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
11. 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.
12. BARRELS AND CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.
13. FOR LANE CLOSURES GREATER THAN 1/2 MILE LONG, PLACE ONE TYPE III BARRICADE ACROSS THE CLOSED LANE AT 1500 FOOT INTERVALS.
14. 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.
15. PERMISSION MUST BE OBTAINED PRIOR TO PLACING CONSTRUCTION SIGNING IN CANADA. FOR THE APPROPRIATE PERMISSION AND PROTOCOL CONTACT: MR. MARC BOUCHARD AT CENTRE DE SERVICE DE SHERBROOKE ET COORDINATION TERRITORIALE DE L'EXPLOITATION, DIRECTION DE L'ESTRIE, 125 CHEMIN GEORGES-VALLIERES, SHERBROOKE (QUEBEC), J1H 0B7, (819) 562-2693 POSTE: 234.
16. THE FRENCH CONSTRUCTION APPROACH SIGNING WILL BE INSTALLED ABOVE THE ENGLISH SIGNS AS DIRECTED BY THE ENGINEER.
17. SEE NEXT SHEET FOR FRENCH SIGN DETAILS AND THEIR ENGLISH EQUIVALENTS.
18. FOR TRAFFIC CONTROL GENERAL NOTES, SEE VAOT STANDARD T-1.

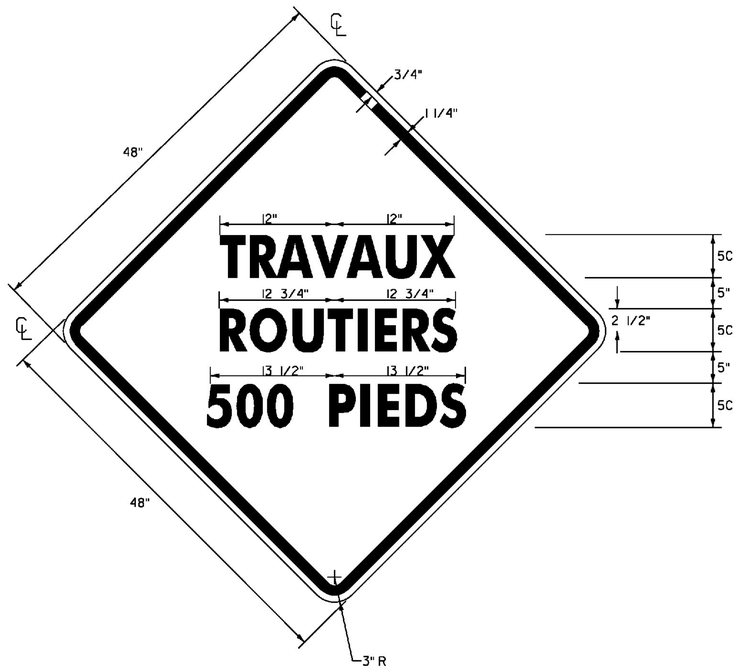
NOT TO SCALE

Stantec

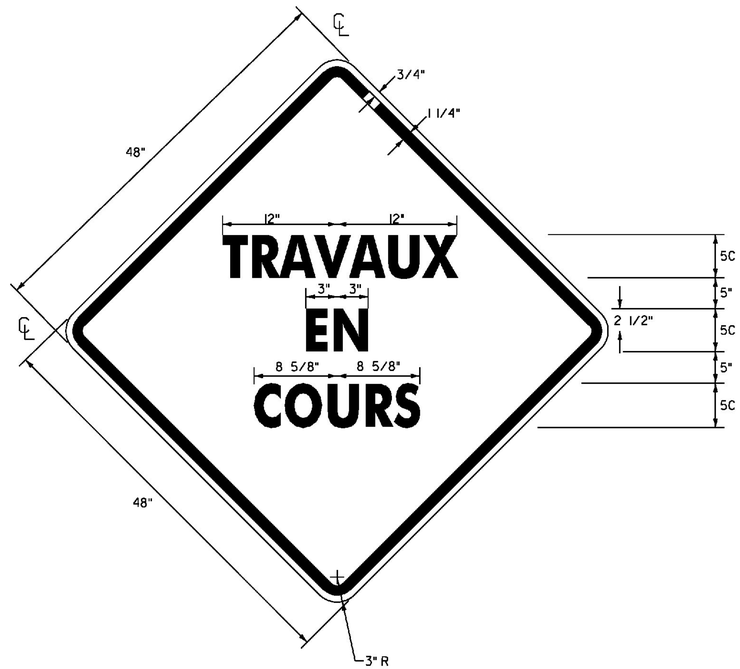
**CONSTRUCTION APPROACH SIGNING SHEET #2**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

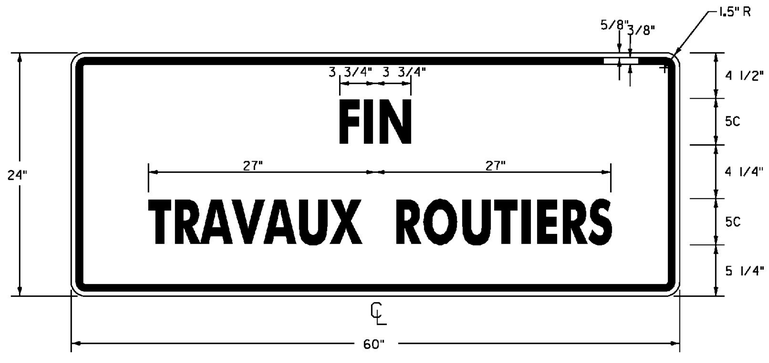
FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312cas02.i**
PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 114 OF 115



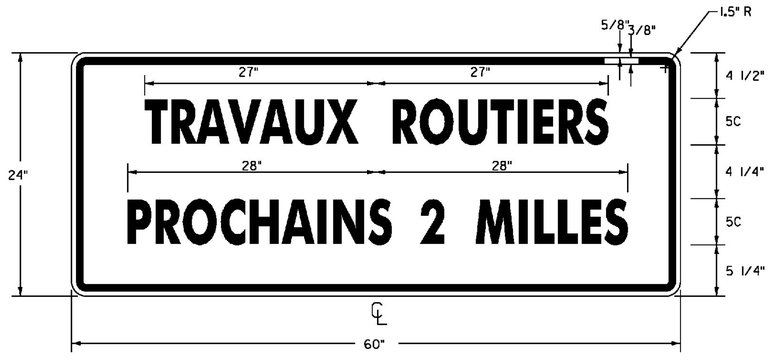

**(ENGLISH EQUIVALENT: ROAD WORK 500 FT)**




**(ENGLISH EQUIVALENT: ROAD WORK AHEAD)**




**(ENGLISH EQUIVALENT: END ROAD WORK)**




**(ENGLISH EQUIVALENT: ROAD WORK NEXT 2 MILES)**

NOTE: SEE NOTES ON PREVIOUS SHEET FOR COLORS AND MATERIALS REQUIREMENTS.

NOT TO SCALE

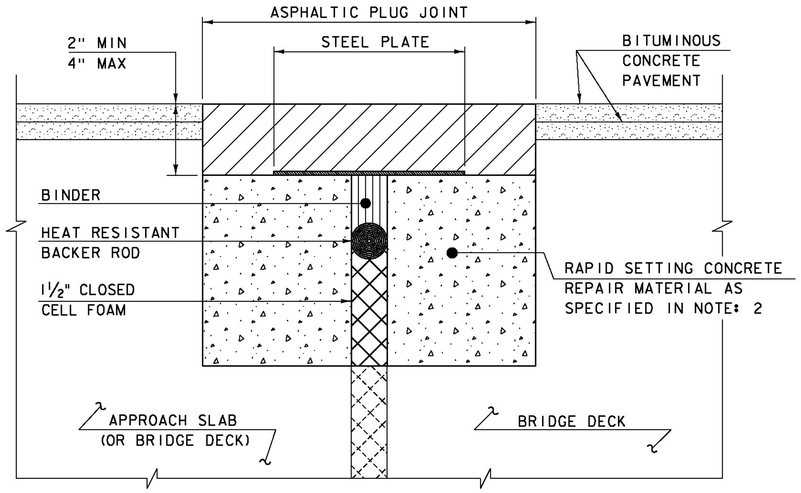
Stantec

**CONSTRUCTION APPROACH SIGNING SHEET #3**

PROJECT NAME: ENOSBURG-RICHFORD
PROJECT NUMBER: STP 2939(I)

FILE NAME: p11b312.dgn
PROJECT LEADER: J. LITTLE
DESIGNED BY: J. LITTLE
**IPARM FILE: p11b312cas03.i**

PLOT DATE: 3/19/2014
DRAWN BY: D. DRAPER
CHECKED BY: J. LITTLE
SHEET 115 OF 115




## ASPHALTIC PLUG JOINT DETAIL - REHAB

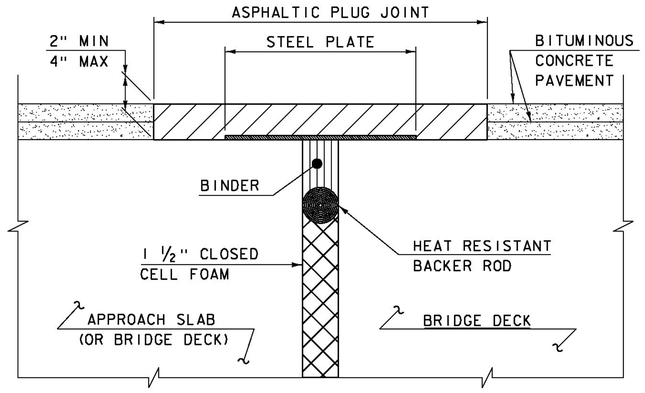
NOTES:

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.

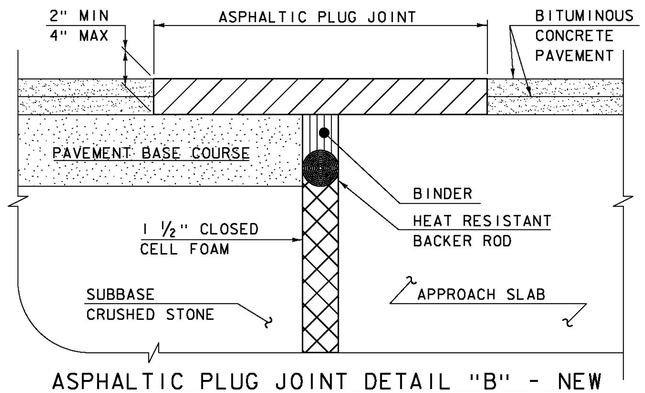
3. REINFORCING STEEL NOT SHOWN FOR CLARITY.

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