

INDEX OF SHEETS

1	TITLE SHEET
2-4	PROJECT TYPICAL SHEETS 1-3
5-6	QUANTITY SHEETS 1-2
7-10	ITEM DETAIL SUMMARY SHEETS 1-4
11	DRIVE DETAIL SHEET
12	DITCH CLEANING DETAIL SHEET
13-43	PROJECT LAYOUT SHEETS 1-31
44-50	TRAFFIC SIGN SUMMARY SHEETS 1-7
51-54	BRIDGE DETAIL SHEETS 1-4
55-56	GUARDRAIL DETAIL SHEETS 1 & 2
57	CULVERT & STRUCTURE INVENTORY SHEET
58-59	MISCELLANEOUS DETAIL SHEETS 1 & 2
60	TEMPORARY TRAFFIC CONTROL PLAN

VAOT STANDARDS

D-3	06-01-94
D-6	06-01-94
D-8	01-03-00
D-15	06-01-94
D-16	06-01-94
E-100	01-02-04
E-100A	01-02-04
E-101	05-30-03
E-102	06-30-03
E-102A	05-01-04
E-103	03-01-04
E-106	03-01-04
E-107	06-30-03
E-107A	06-08-09
E-108	06-08-09
E-108A	06-08-09
E-110	08-08-95
E-120	08-08-95
E-121	08-08-95
E-123	03-16-04
E-134	08-08-95
E-138	05-30-03
E-145A	12-23-94
E-160	05-20-99
E-161	08-18-95
E-162	05-20-99
E-163	05-20-99
E-164	06-08-09
E-191	02-01-99
E-192	10-12-00
E-193	08-18-95
G-1	01-03-00
G-1d	01-03-00
G-19	11-15-02
J-3	08-07-95
SB-R4B-82	03-30-88
E-198	04-01-05

RECORD PLANS

CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	KEVIN McCLURE
CONSTRUCTION BEGAN:	MAY 09, 2011
CONSTRUCTION COMPLETE:	AUGUST 19, 2011
RECORD PLANS BY:	KEVIN McCLURE, LYLE NOYES & JENNA HYDE

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

BY Kevin McClure RESIDENT ENGINEER

DATE 11/5/12

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.

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF GLOVER & BARTON COUNTY OF ORLEANS VT ROUTE 16 MINOR ARTERIAL

BEGINNING IN THE TOWN OF GLOVER ON VT ROUTE 16 AT STA. 148+36.80 (MM 2.810) AND EXTENDING NORTHERLY ALONG VT ROUTE 16 FOR A DISTANCE OF 29,898.56 FEET (5.663 MILES) TO BARTON STA. 93+03.36 (MM 1.762).

PROJECT DATA:	LENGTH (FEET)	LENGTH (MILES)
TOWN OF GLOVER		
VT ROUTE 16		
STA. 148+36.80 TO 354+32.00	20,595.20	
MM 2.810 TO 6.711		3.901
TOWN OF BARTON		
VT ROUTE 16		
STA. 0+00.00 TO 93+03.36	9,303.36	
MM 0.000 TO 1.762		1.762
TOTAL LENGTH OF PROJECT:	29,898.56	5.663
TOTAL LENGTH OF ROADWAY:	29,898.56	5.663

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

TRAFFIC DATA

VT ROUTE 16

LOCATION	AADT		DHV		ESALS	
	2011	2021	2011	2021	2011-2021	2011-2031
BEGIN PROJECT TO VT ROUTE 122	1900	2100	210	240	516,000	1,323,000
VT ROUTE 122 TO BEAN HILL ROAD	2200	2400	250	270	543,000	1,289,000
BEAN HILL ROAD TO I-91 RAMP B & C	2600	2800	290	320	722,000	1,832,000
I-91 RAMP B & C TO I-91 RAMP A & D	2900	3100	330	350	715,000	1,815,000
I-91 RAMP A & D TO END PROJECT	3600	3800	480	500	822,000	2,074,000

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

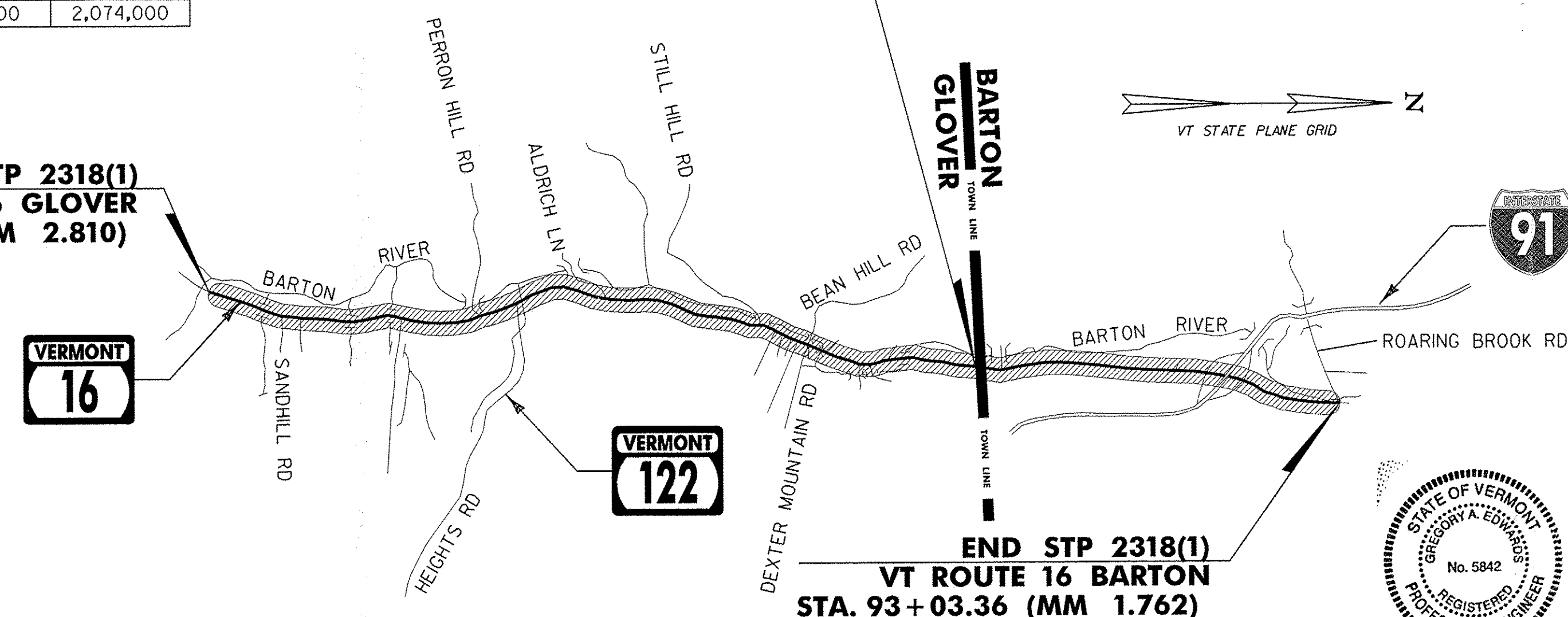
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARDRAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
UTILITY POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

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

DATUM
VERTICAL N/A
HORIZONTAL N/A

GLOVER STA. 354+32 (MM 6.711) =
BARTON STA. 0+00 (MM 0.000)

BEGIN STP 2318(1)
VT ROUTE 16 GLOVER
STA. 148+36.80 (MM 2.810)

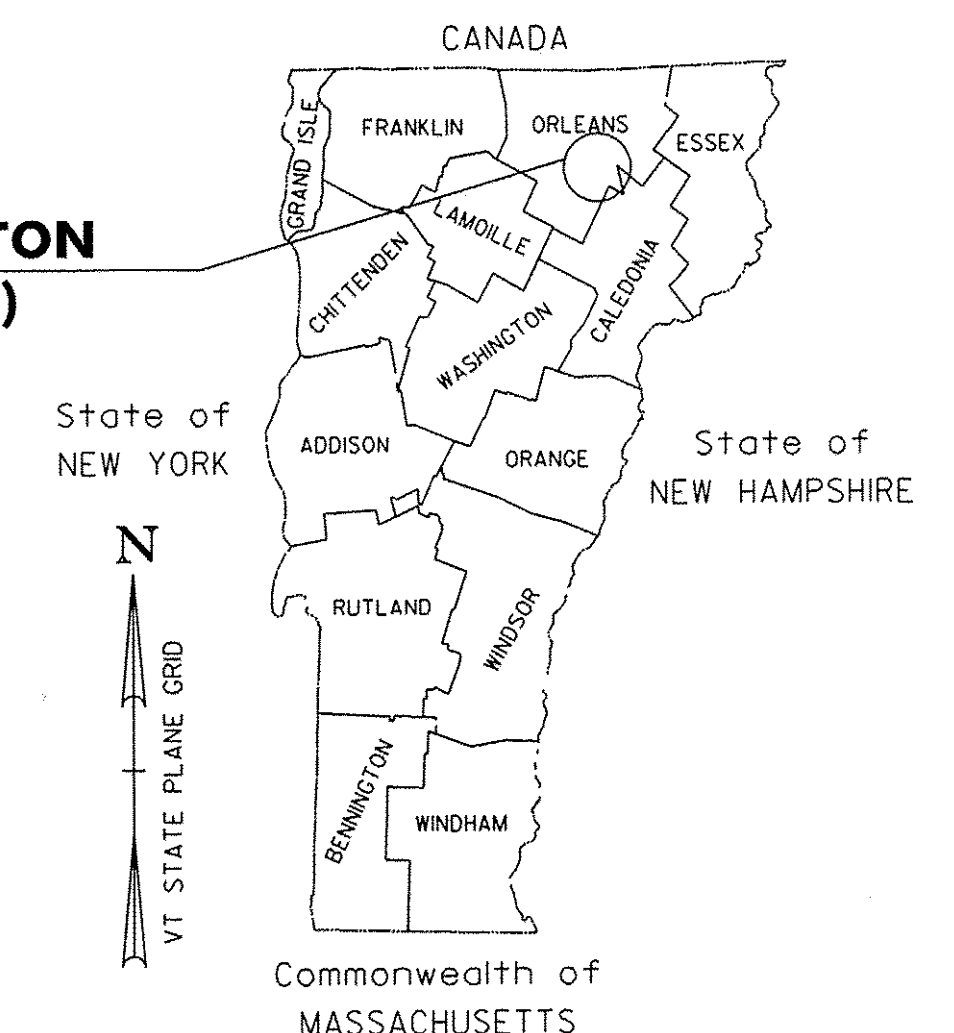


END STP 2318(1)
VT ROUTE 16 BARTON
STA. 93+03.36 (MM 1.762)



p01b034.dgn
p01b034+ts.i

GLOVER-BARTON STP 2318(1)



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA

DESIGN LANE/DESIGN LIFE ESALS	1,037,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 OF THE GENERAL SPECIAL PROVISIONS

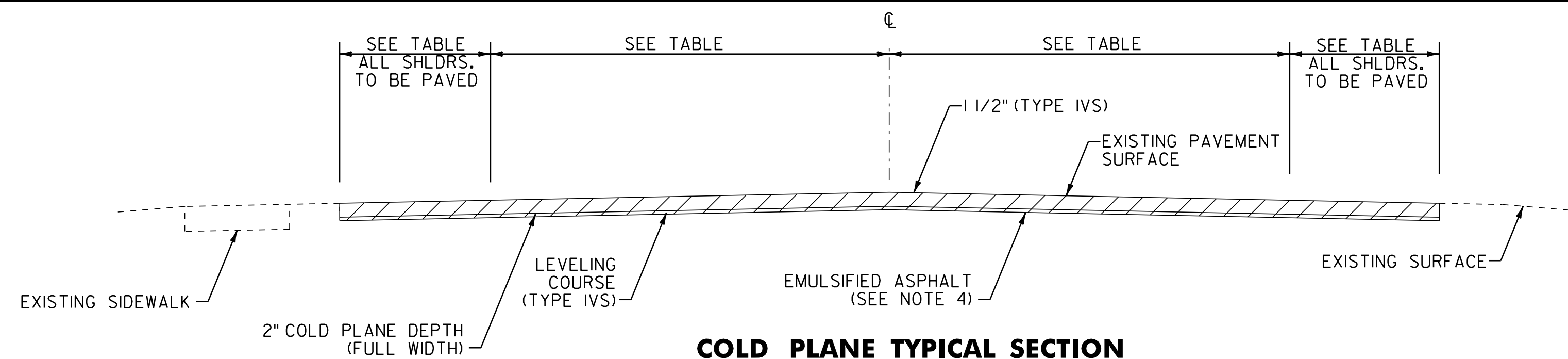
RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY PURPOSES.

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 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

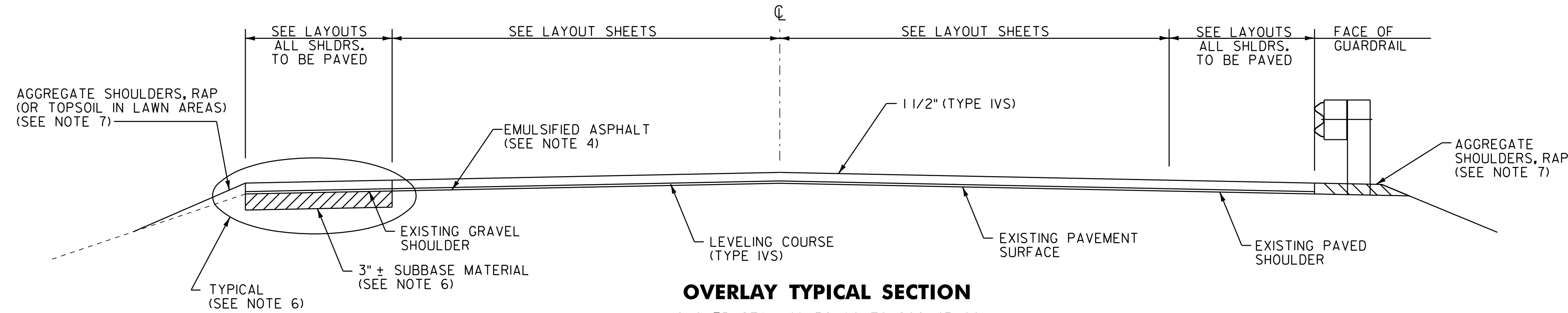
UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN "NOT TO SCALE".

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <u>Michael Fowler</u> DATE <u>7-30-10</u>	
PROJECT MANAGER : MICHAEL FOWLER	
PROJECT NAME : GLOVER - BARTON	
PROJECT NUMBER : STP 2318(1)	
SHEET 1 OF 60 SHEETS	



COLD PLANE TYPICAL SECTION

GLOVER STA. 300+96.00 TO 315+49.50
GLOVER STA. 316+19.00 TO 339+89.50
GLOVER STA. 340+66.00 TO 341+55.00

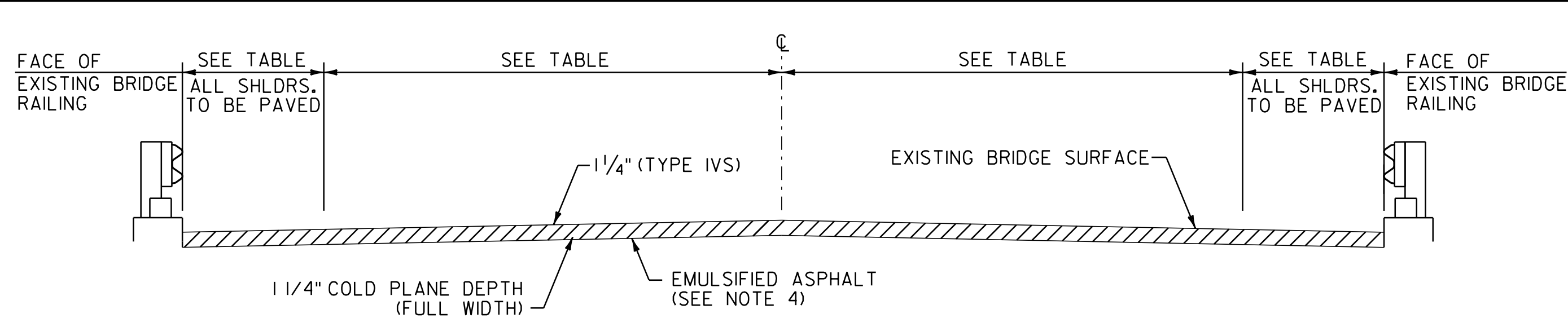


OVERLAY TYPICAL SECTION

GLOVER STA. 148+36.80 TO 206+43.00
GLOVER STA. 206+80.50 TO 300+96.00
GLOVER STA. 341+55.00 TO 354+32.00
BARTON STA. 0+00.00 TO 93+03.36

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
GLOVER VT ROUTE 16	148+36.80	149+00.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	149+00.00	187+85.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	187+85.00	188+37.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	188+37.00	192+85.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	192+85.00	193+37.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	193+37.00	206+43.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	206+43.00	206+80.50	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/4"	-	BRIDGE NO.15 COLD PLANE 1 1/4" AND THEN PAVE WITH 1 1/4" TYPE IVS
GLOVER VT ROUTE 16	206+80.50	222+85.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	222+85.00	223+37.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	223+37.00	227+85.00	3'-0" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	227+85.00	228+37.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	228+37.00	237+46.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	237+46.00	240+10.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	240+10.00	242+75.00	5'-0" - 11'-0" - 11'-0" - 5'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	242+75.00	243+23.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	243+23.00	263+18.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	263+18.00	263+66.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	263+66.00	267+85.00	3'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	267+85.00	268+37.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	268+37.00	300+96.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	300+96.00	302+27.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	302+27.00	302+97.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	302+97.00	307+75.00	10'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	307+75.00	315+49.50	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	315+49.50	316+19.00	3'-0" - 11'-0" - 11'-0" - 4'-6"	1 1/4"	-	BRIDGE NO.18 COLD PLANE 1 1/4" AND THEN PAVE WITH 1 1/4" TYPE IVS
GLOVER VT ROUTE 16	316+19.00	317+17.00	3'-0" - 11'-0" - 11'-0" - 4'-6"	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	317+17.00	317+63.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	317+63.00	338+60.00	3'-0" - 11'-0" - 11'-0" - 2'-0"	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	338+60.00	339+89.50	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	339+89.50	340+66.00	3'-0" - 11'-0" - 11'-0" - 4'-6"	1 1/4"	-	BRIDGE NO.19 COLD PLANE 1 1/4" AND THEN PAVE WITH 1 1/4" TYPE IVS
GLOVER VT ROUTE 16	340+66.00	341+09.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	341+09.00	341+55.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	COLD PLANE 2", LEVEL AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	341+55.00	347+80.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	347+80.00	348+27.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	348+27.00	352+45.00	2'-6" - 11'-0" - 11'-0" - 3'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	352+45.00	353+43.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	353+43.00	354+32.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
BARTON VT ROUTE 16	0+00.00	57+25.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
BARTON VT ROUTE 16	57+25.00	76+84.00	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
BARTON VT ROUTE 16	76+84.00	90+00.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
BARTON VT ROUTE 16	90+00.00	93+03.36	VARIES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.



BRIDGE TYPICAL SECTION

BR#15 GLOVER STA. 206+43.00 TO 206+80.50
BR#18 GLOVER STA. 315+49.50 TO 316+19.00
BR#19 GLOVER STA. 339+89.50 TO 340+66.00

NOTES

- THE PAVEMENT WEARING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS. THE ESTIMATED 1/2" LEVELING COURSE SHALL BE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TYPE IVS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
- GRASS GROWING ADJACENT TO PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT 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.
- SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
- EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES, AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 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 END OF SIDE ROAD CONSTRUCTION AREAS BY THE USE OF A VERTICAL COLD PLANE JOINT. SEE DETAIL AND LOCATIONS ON PROJECT TYPICAL SHEET #3.
- EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 3" 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.
- ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL PUBLIC, PRIVATE OR FIELD DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. 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.
- 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 RESIDENT ENGINEER.
- 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 RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN.
- STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

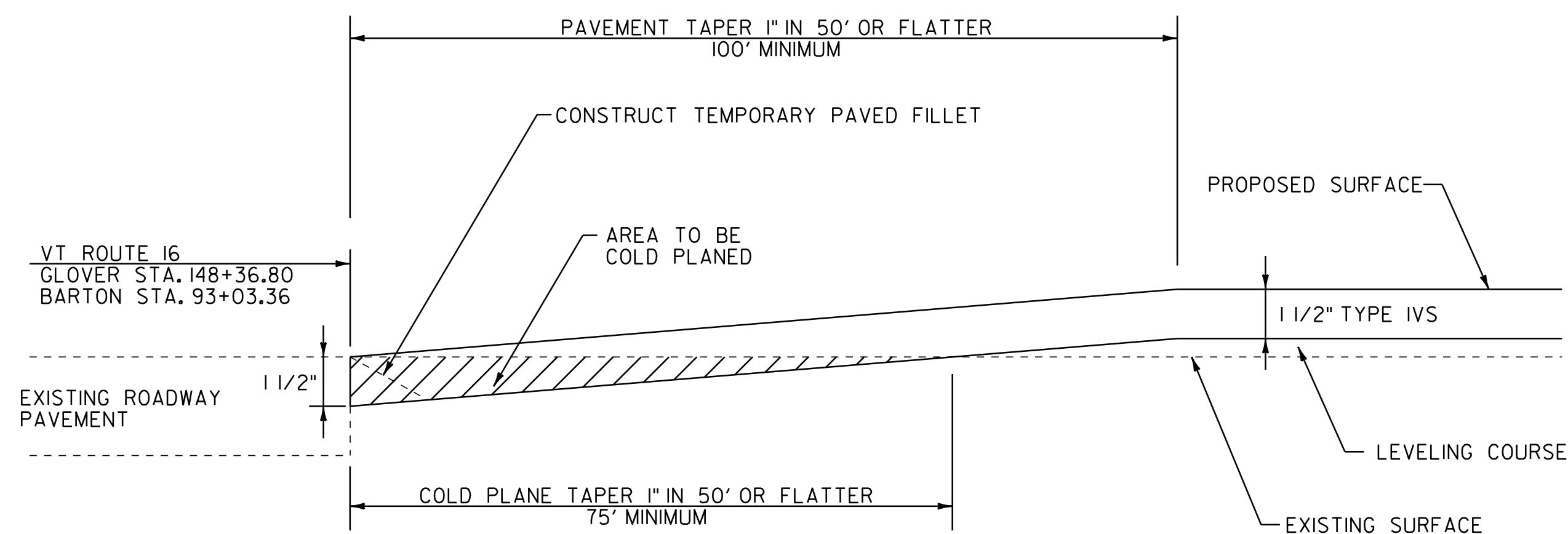
NOT TO SCALE



PROJECT TYPICAL SHEET #1

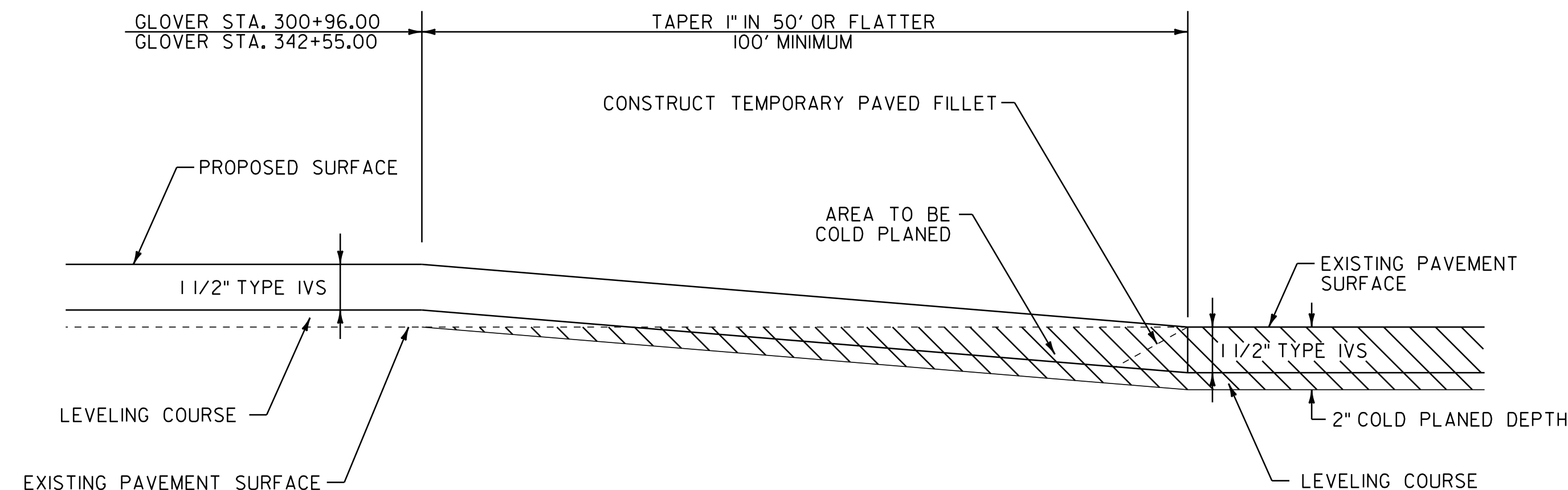
PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034pts01.i
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 2 OF 60



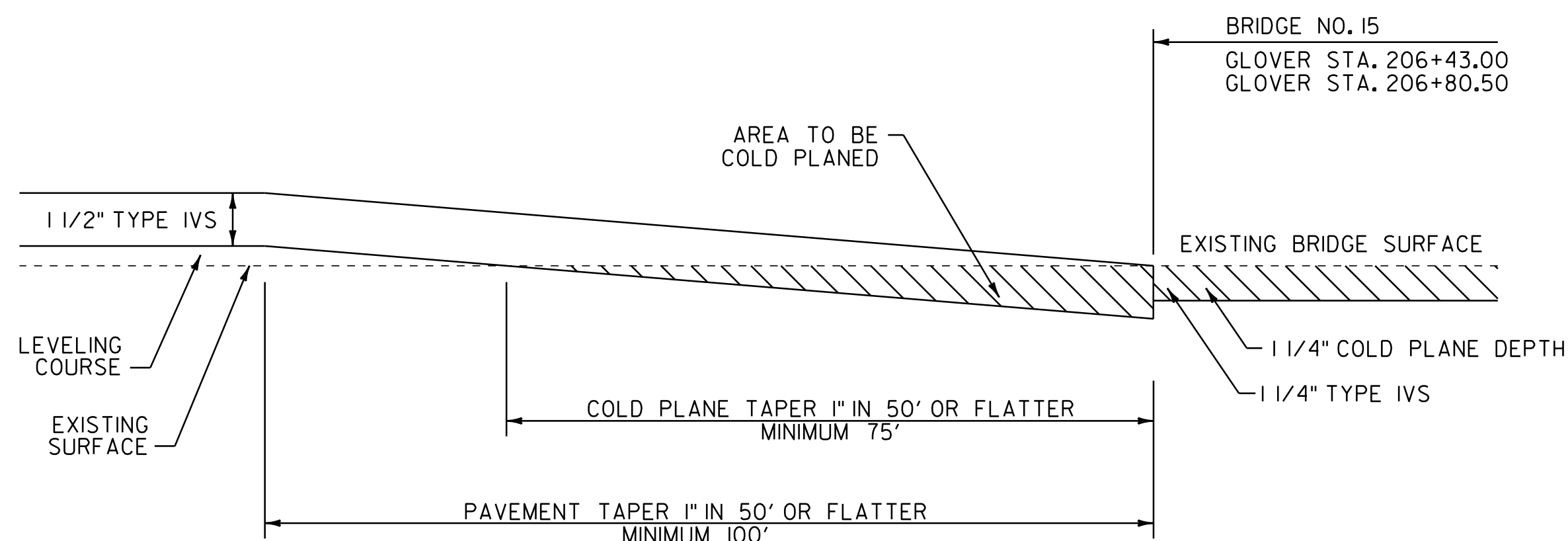
APPROACH AREA DETAIL (BEGIN AND END LEVELING AND OVERLAY)

FULL ROADWAY WIDTH
 GLOVER STA. 148+36.80 TO 149+36.80 (BEGIN PROJECT)
 BARTON STA. 92+03.36 TO 93+03.36 (END PROJECT)



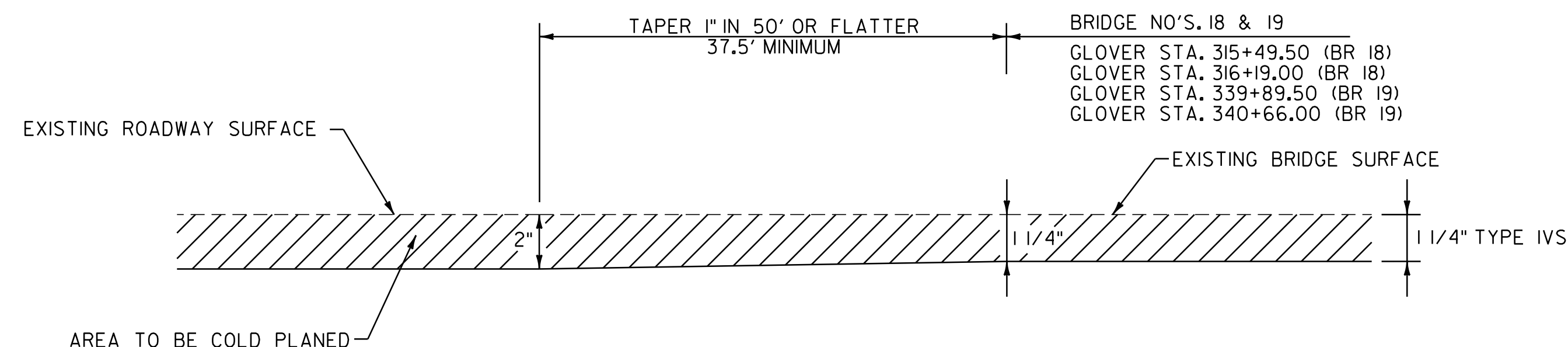
TRANSITION AREA DETAIL (LEVELING AND OVERLAY TO COLD PLANE)

FULL ROADWAY WIDTH
 GLOVER STA. 300+96.00 TO 301+96.00
 GLOVER STA. 341+55.00 TO 342+55.00



TRANSITION AREA DETAIL AT BRIDGE NO. 15 (LEVEL AND OVERLAY TO COLD PLANE)

FULL ROADWAY WIDTH
 GLOVER STA. 205+43.00 TO 206+43.00
 GLOVER STA. 206+80.50 TO 207+80.50



TRANSITION AREA DETAIL AT BRIDGE NO'S. 18 & 19 (COLD PLANE)

FULL ROADWAY WIDTH
 GLOVER STA. 315+12.00 TO 315+49.50
 GLOVER STA. 316+19.00 TO 316+56.50
 GLOVER STA. 339+52.00 TO 339+89.50
 GLOVER STA. 340+66.00 TO 341+03.50

NOT TO SCALE

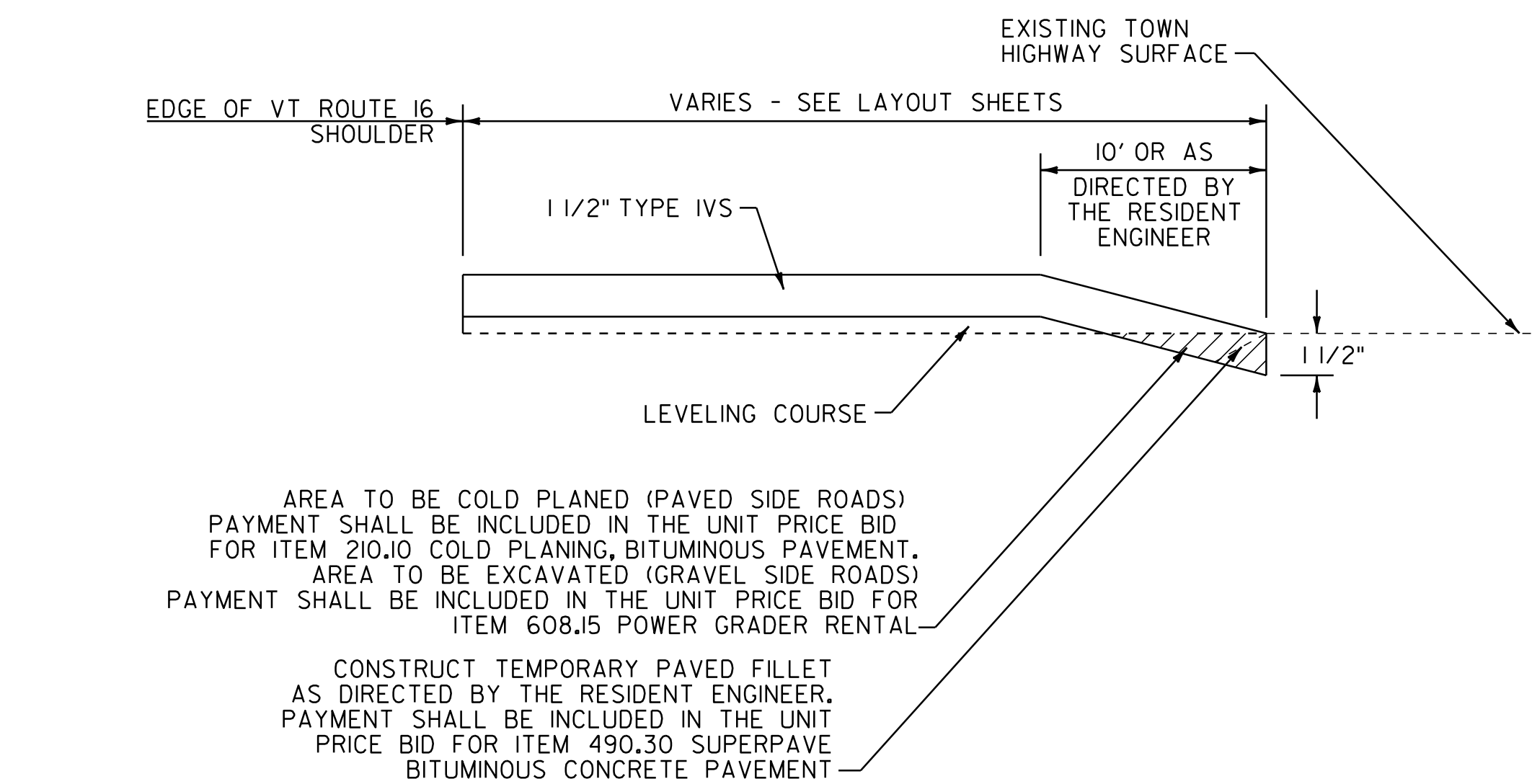


**PROJECT
TYPICAL
SHEET #2**

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034pts02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 3 **OF** 60

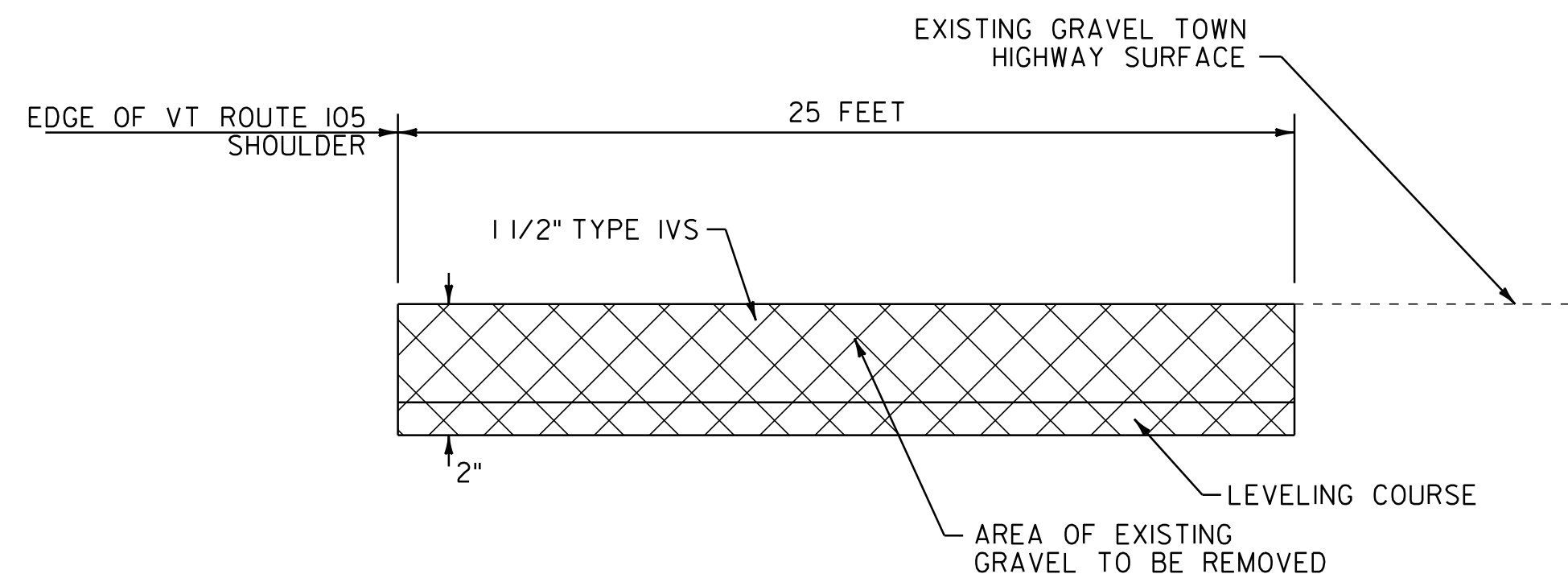


OVERLAY APPROACH AREA DETAIL – SIDE ROADS

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

FULL ROADWAY WIDTH

GLOVER STA. 185+50, RT (SAND HILL RD)
GLOVER STA. 209+48, RT (PARISH SCHOOL RD)
GLOVER STA. 229+95, LT (PERRON HILL)
GLOVER STA. 238+27, RT (VT. ROUTE 122)
GLOVER STA. 263+56, LT (ALDRICH LANE)
BARTON STA. 10+16, LT (FULTON LANE)
BARTON STA. 63+91, LT (I-91 SOUTHBOUND OFF-RAMP)
BARTON STA. 63+97, RT (I-91 SOUTHBOUND ON-RAMP)
BARTON STA. 69+74, LT (I-91 NORTHBOUND ON-RAMP)
BARTON STA. 69+88, RT (I-91 NORTHBOUND OFF-RAMP)

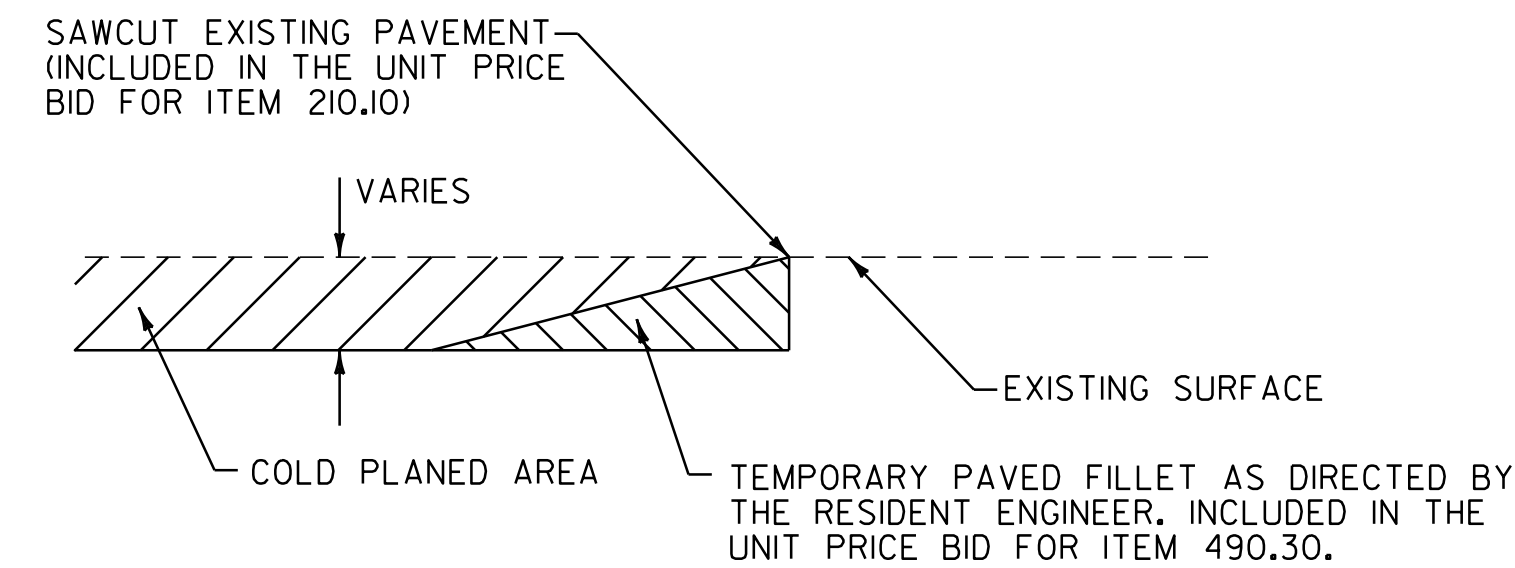


COLD PLANE APPROACH AREA DETAIL – GRAVEL SIDE ROAD

NOTE: THIS DETAIL SHALL BE USED FOR ALL GRAVEL SIDE ROADS IN THE COLD PLANE AREA. PAYMENT FOR REMOVAL OF EXISTING GRAVEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608.15 POWER GRADER RENTAL.

FULL ROADWAY WIDTH

GLOVER STA. 306+92, RT (LILAC LANE)
GLOVER STA. 308+20, RT (BROOKS PLACE)
GLOVER STA. 314+72, RT (DEXTER MOUNTAIN RD-PARTIAL)
GLOVER STA. 328+22, RT (TALBOT LANE)
GLOVER STA. 333+61, RT (SEARGENT LANE)
GLOVER STA. 335+09, LT (BAILEY LANE-PARTIAL)

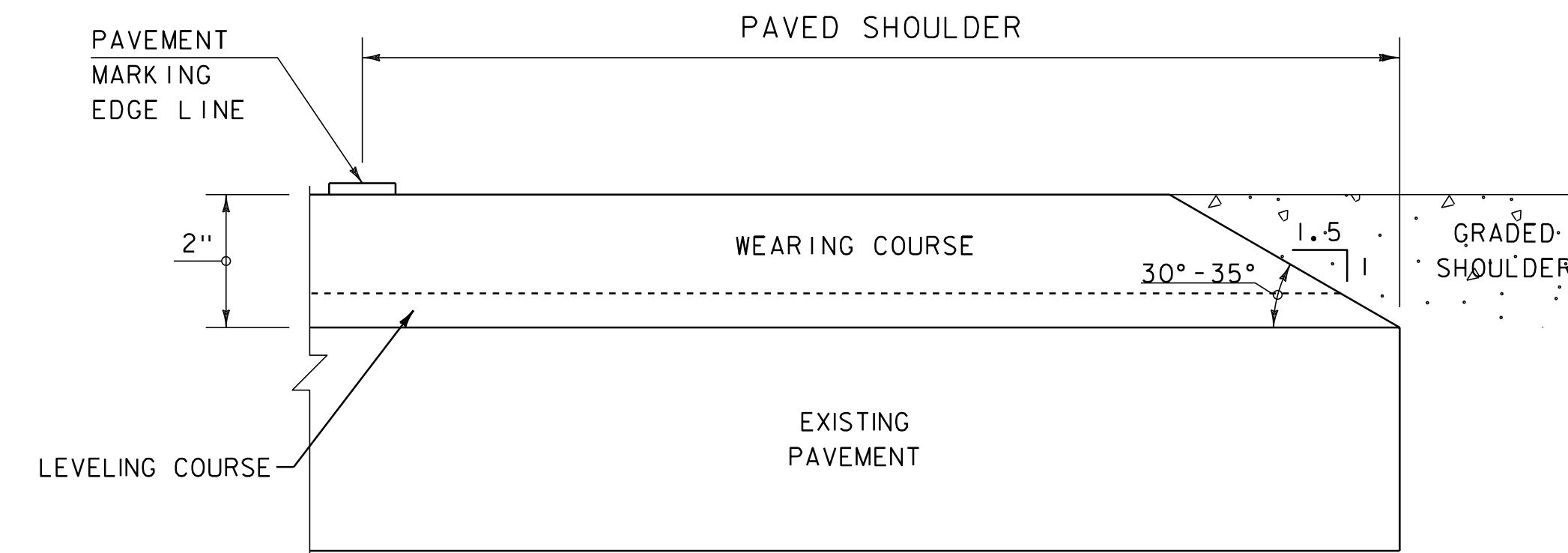


DETAIL AT VERTICAL COLD PLANE JOINTS

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

FULL ROADWAY WIDTH

GLOVER STA. 302+80, LT (STILL HILL)
GLOVER STA. 305+75, RT (DR BUCK HILL)
~~GLOVER STA. 306+92, RT (LILAC LANE)~~
GLOVER STA. 308+20, RT (BROOKS PLACE)
GLOVER STA. 310+06, RT (FIRST PLACE)
GLOVER STA. 311+81, LT (SCHOOL STREET)
GLOVER STA. 314+72, RT (DEXTER MOUNTAIN ROAD)
GLOVER STA. 314+83, LT (BEAN HILL ROAD)
GLOVER STA. 314+83, RT (MILL PLACE)
GLOVER STA. 319+55, LT (DEER LANE)
GLOVER STA. 328+22, RT (TALBOT LANE)
~~GLOVER STA. 331+61, RT (SEARGENT LANE)~~
GLOVER STA. 335+09, LT (BAILEY LANE)



SAFETY EDGE DETAIL

NOT TO SCALE

NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.

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 RESIDENT 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 RESIDENT 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 RESIDENT ENGINEER.

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

NOT TO SCALE

PROJECT TYPICAL SHEET #3

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034pts03.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 4 OF 60



ITEM DETAIL SUMMARY SHEET 1

THIS SHEET NOT USED FOR RECORD PLANS, SEE LAYOUT SHEETS

LOCATION			GUARDRAIL								MISCELLANEOUS										REMARKS				
BEGIN MILE STA.	END MILE STA.	POS.	525.10	525.60	621.20	621.21	621.50	621.53	621.60	621.80	203.15	203.30	301.40	402.13	604.412	613.10	613.11	616.47	617.10	619.17			649.31		
			REMOVAL OF EXISTING RAILING LF	BR. RAIL REPAIR, TYPE III LF	S.B. G.R. GALV. LF	H.D. S.B. G.R. GALV. LF	MTS. FLARED EA	TERMINAL CONNECTOR FOR S.B. G.R. EA	ANCHOR FOR S.B. RAIL EA	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAVATION CY	EARTH BORROW CY	SUBBASE, RAP TON	AGG. SHLDRS., RAP TON	REHAB DI, CB, OR MH, CL I OR II EA	STONE FILL, TYPE I CY	STONE FILL, TYPE II CY	BIT. CONC. GUT. & TRAFF. ISL. TON	RELOC. MAILBOX, SNGL. SUPP. EACH	YIELDING MARKER POSTS EACH			GEO. UNDER STONE FILL SY		
VT ROUTE 16																									
GLOVER 148+37	BARTON 93+03	LT&RT											89	955	31		50			109					
GLOVER																									
166+79.0	170+16.5	LT			262.5		2			343		50													
171+29.5	174+42.0	LT			237.5		2			307		50													
173+26.0	174+51.0	RT			50		2			127		50													
190+64.0	195+64.0	LT			425		2			494		50													
194+58.0	196+08.0	RT			75		2			152		50													
205+30.75	207+55.75	LT	50	50	47.5	82.5	2			131		50			I					7	INSTALL M.T.S., FLARED @ STA. 205+30.75 TO 205+68.25 AND 207+18.25 TO 207+55.75. SEE REDUCED GUARDRAIL POST SPACING DETAIL ON BRIDGE DETAIL SHEET #2. REPAIR SLOPE EROSION @ STA. 206+42.				
205+66.25	207+53.75	RT	50	50		82.5	2			132		50			I					7	INSTALL M.T.S., FLARED @ STA. 205+66.25 TO 206+03.75 AND 207+16.25 TO 207+53.75. REPAIR SLOPE EROSION @ STA. 206+41.				
236+12.0		RT													I					7	REPAIR SLOPE EROSION				
237+44.5	239+94.5	LT			190		2			142		50									INSTALL M.T.S., FLARED @ STA. 237+44.5 TO 237+82.0 AND 239+57.0 TO 239+94.5. SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.				
VT 122 81+19.0	VT 16 239+46.7	RT			112.5		2			113		50			I					7	INSTALL M.T.S., FLARED @ VT ROUTE 122 STA. 81+19.0 TO 81+56.5 AND VT ROUTE 16 STA. 239+09.2 TO 239+46.7. REPAIR SLOPE EROSION @ STA. 238+63.				
VT ROUTE 16																									
264+87.5	269+75.0	LT			412.5		2			447		50			3					18	INSTALL M.T.S., FLARED @ STA. 264+87.5 TO 265+25.0 AND 269+37.5 TO 269+75.0. REPAIR SLOPE EROSION STA. 266+92 TO 267+09.				
284+58.0	300+33.0	LT			1590				2	1579											INSTALL ANCHORS @ STA. 284+58.0 AND 300+33.0. SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.				
314+91.0	316+09.0	LT				37		I	I	53											CONNECT TO EXISTING BRIDGE RAIL @ STA. 314+91.0. INSTALL ANCHOR @ STA. 316+09.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 315+06.0 TO 315+31.0.				
315+56.0	317+09.0	RT			52	19.5		I	2	89											INSTALL ANCHORS @ STA. 315+56.0 AND 317+09.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 316+34.0 TO 316+59.0.				
319+63.5	327+26.0	RT			781.5				2	761											INSTALL ANCHORS @ STA. 319+63.5 AND 327+26.0; SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.				
335+02		LT									14		11								REMOVE EXISTING ISLAND, MAILBOX AND SIGN AT T.H. 63 (BAILEY LANE); SEE ISLAND REMOVAL DETAIL ON MISCELLANEOUS DETAIL SHEET #2.				
335+50		LT																I			RELOCATE MAILBOX FROM STA. 334+98.				
337+69.5	340+90.5	RT			204			2	2	252											INSTALL ANCHORS @ STA. 337+69.5 AND 340+90.5. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 339+57.0 TO 339+82.0 AND 340+53.0 TO 340+78.0				
339+29.0	342+50.0	LT			204			2	2	252											INSTALL ANCHORS @ STA. 339+29.0 AND 342+50.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 339+79.0 TO 340+04.0 AND 340+75.0 TO 341+00.0				
BARTON																									
6+71.0	9+96.0	LT			265		2			305		50						3			INSTALL M.T.S., FLARED @ STA. 6+71.0 TO 7+08.5 AND 9+58.5 TO 9+96.0. SEE REDUCED GUARDRAIL POST SPACING DETAIL #2 ON MISCELLANEOUS DETAIL SHEET #1; RELOCATE MAILBOXES AT STA. 7+74, 7+76, AND 7+78.				
17+80		LT													I					7	REPAIR SLOPE EROSION				
65+00.0	68+12.5	RT			237.5		2			306		50									INSTALL M.T.S., FLARED @ STA. 65+00.0 TO 65+37.5 AND 67+75.0 TO 68+12.5.				
65+63.0	68+88.0	LT			250		2			316		50									INSTALL M.T.S., FLARED @ STA. 65+63.0 TO 66+00.5 AND 68+50.5 TO 68+88.0.				
SHEET SUBTOTALS:			100	100	5396.5	221.5	26	6	11	6301	14	650	100	955	30	8	50		4	109	53	ITEM DETAIL SUMMARY SHEET #1	PROJECT NAME: GLOVER - BARTON PROJECT NUMBER: STP 2318(1) FILE NAME: p01b034.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p01b034idss01.i	PLOT DATE: 28-NOV-2012 15:0 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 7 OF 60	

ITEM DETAIL SUMMARY SHEET 2

THIS SHEET NOT USED FOR RECORD PLANS, SEE LAYOUT SHEETS

LOCATION			MISCELLANEOUS															REMARKS	
BEGIN MILE STA.	END MILE STA.	POS.	653.20	676.10	676.12														
			TEMP. EROSION MATTING SY	DEL.W/ STEEL POST EACH	REMOVAL OF EXIST. DEL. EACH														
VT ROUTE 16																			
GLOVER 148+37	BARTON 93+03	LT&RT																QUANTITIES FOR USE AS DIRECTED BY THE RESIDENT ENGINEER.	
GLOVER																			
166+79.0	170+16.5	LT	50	2	2													INSTALL M.T.S., FLARED @ STA. 166+79.0 TO 167+16.5 AND 169+79.0 TO 170+16.5.	
171+29.5	174+42.0	LT	50	2	1													INSTALL M.T.S., FLARED @ STA. 171+29.5 TO 171+67.0 AND 174+04.5 TO 174+42.0.	
173+26.0	174+51.0	RT	50	2	1													INSTALL M.T.S., FLARED @ STA. 173+26.0 TO 173+63.5 AND 174+13.5 TO 174+51.0.	
190+64.0	195+64.0	LT	50	2	2													INSTALL M.T.S., FLARED @ STA. 190+64.0 TO 191+01.5 AND 195+26.5 TO 195+64.0.	
194+58.0	196+08.0	RT	50	2	2													INSTALL M.T.S., FLARED @ STA. 194+58.0 TO 194+95.5 AND 195+70.5 TO 196+08.0.	
205+30.75	207+55.75	LT	50	2	2													INSTALL M.T.S., FLARED @ STA. 205+30.75 TO 205+68.25 AND 207+18.25 TO 207+55.75. SEE REDUCED GUARDRAIL POST SPACING DETAIL ON BRIDGE DETAIL SHEET #2. REPAIR SLOPE EROSION @ STA. 206+42.	
205+66.25	207+53.75	RT	50	2	2													INSTALL M.T.S., FLARED @ STA. 205+66.25 TO 206+03.75 AND 207+16.25 TO 207+53.75. REPAIR SLOPE EROSION @ STA. 206+41.	
236+12.0		RT																REPAIR SLOPE EROSION	
237+44.5	239+94.5	LT	50	2	1													INSTALL M.T.S., FLARED @ STA. 237+44.5 TO 237+82.0 AND 239+57.0 TO 239+94.5. SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.	
VT 122 81+19.0	VT 16 239+46.7	RT	50	2	2													INSTALL M.T.S., FLARED @ VT ROUTE 122 STA. 81+19.0 TO 81+56.5 AND VT ROUTE 16 STA. 239+09.2 TO 239+46.7. REPAIR SLOPE EROSION @ STA. 238+63.	
VT ROUTE 16																			
264+87.5	269+75.0	LT	50	2	1													INSTALL M.T.S., FLARED @ STA. 264+87.5 TO 265+25.0 AND 269+37.5 TO 269+75.0. REPAIR SLOPE EROSION STA. 266+92 TO 267+09.	
284+58.0	300+33.0	LT		2	1													INSTALL ANCHORS @ STA. 284+58.0 AND 300+33.0. SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.	
314+91.0	316+09.0	LT		1	1													CONNECT TO EXISTING BRIDGE RAIL @ STA. 314+91.0. INSTALL ANCHOR @ STA. 316+09.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 315+06.0 TO 315+31.0.	
315+56.0	317+09.0	RT		2														INSTALL ANCHORS @ STA. 315+56.0 AND 317+09.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 316+34.0 TO 316+59.0.	
319+63.5	327+26.0	RT		2														INSTALL ANCHORS @ STA. 319+63.5 AND 327+26.0; SEE REDUCED GUARDRAIL POST SPACING DETAIL #1 ON MISCELLANEOUS DETAIL SHEET #1.	
335+02		LT																REMOVE EXISTING ISLAND, MAILBOX AND SIGN AT T.H. 63 (BAILEY LANE); SEE ISLAND REMOVAL DETAIL ON MISCELLANEOUS DETAIL SHEET #2.	
335+50		LT																RELOCATE MAILBOX FROM STA. 334+98.	
337+69.5	340+90.5	RT		2	1													INSTALL ANCHORS @ STA. 337+69.5 AND 340+90.5. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 339+57.0 TO 339+82.0 AND 340+53.0 TO 340+78.0	
339+29.0	342+50.0	LT		2	1													INSTALL ANCHORS @ STA. 339+29.0 AND 342+50.0. INSTALL TERMINAL CONNECTOR FOR S.B.G.R. @ STA. 339+79.0 TO 340+04.0 AND 340+75.0 TO 341+00.0	
BARTON																			
6+71.0	9+96.0	LT	50	2	1													INSTALL M.T.S., FLARED @ STA. 6+71.0 TO 7+08.5 AND 9+58.5 TO 9+96.0. SEE REDUCED GUARDRAIL POST SPACING DETAIL #2 ON MISCELLANEOUS DETAIL SHEET #1; RELOCATE MAILBOXES AT STA. 7+74, 7+76, AND 7+78.	
17+80		LT																REPAIR SLOPE EROSION	
65+00.0	68+12.5	RT	50	2	2													INSTALL M.T.S., FLARED @ STA. 65+00.0 TO 65+37.5 AND 67+75.0 TO 68+12.5.	
65+63.0	68+88.0	LT	50	2	2													INSTALL M.T.S., FLARED @ STA. 65+63.0 TO 66+00.5 AND 68+50.5 TO 68+88.0.	
SHEET SUBTOTALS:			650	37	25														

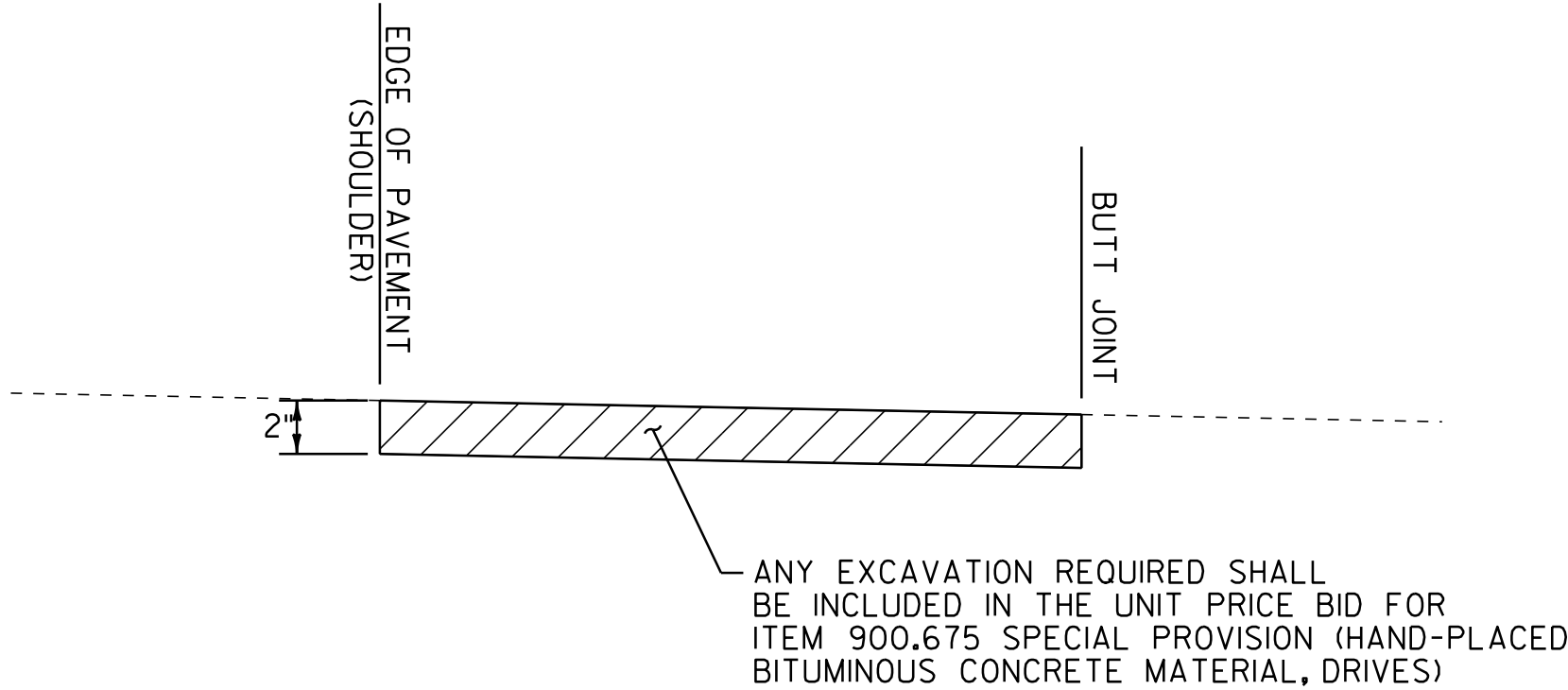
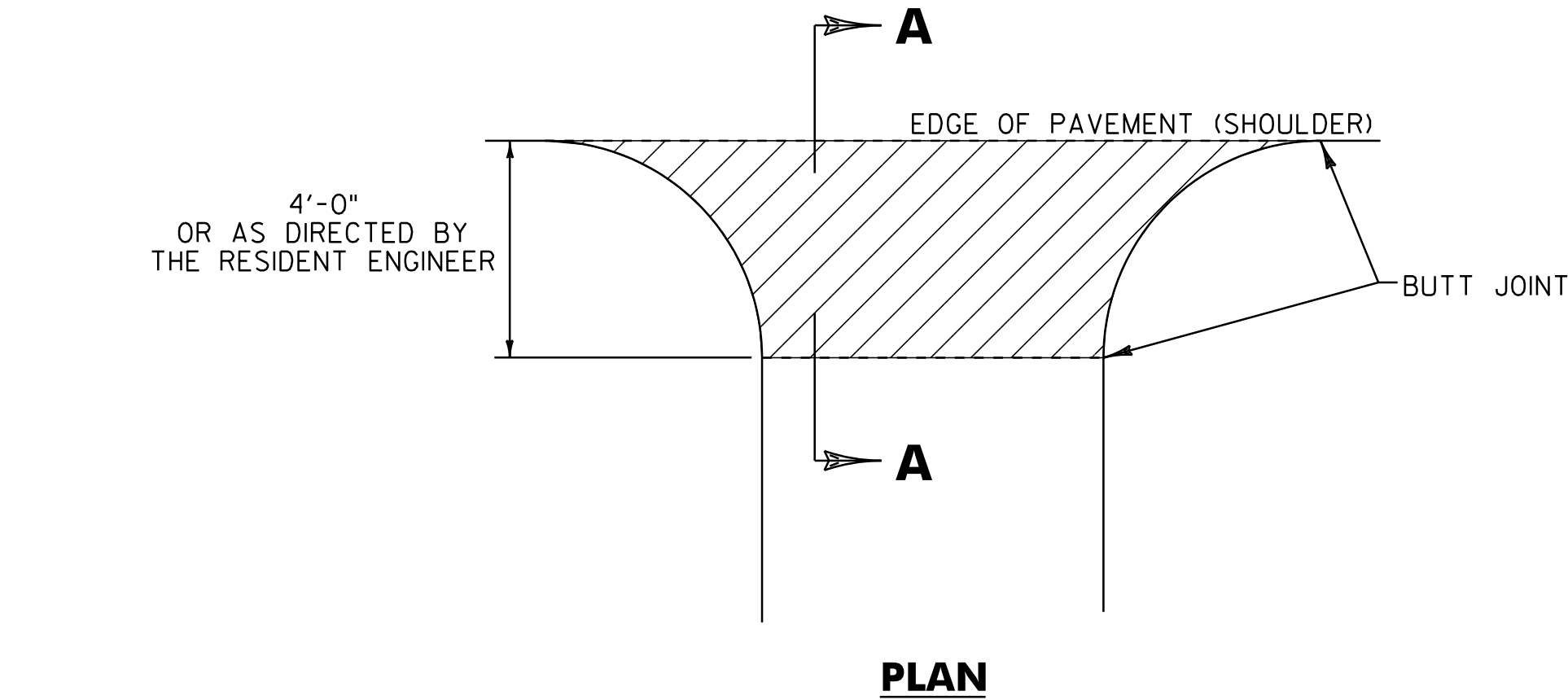
ITEM DETAIL SUMMARY SHEET 3

THIS SHEET NOT USED FOR RECORD PLANS, SEE LAYOUT SHEETS

[illegible]

STATION	POSITION	QUANTITY (SY)
VT ROUTE 16		
GLOVER		
151+52	LT	-30 34.4
152+84	RT	-11 13.8
153+35	RT	-6 12.9
154+89	LT	-13 13
158+23	RT	-15 11.8
159+67	LT	-76 23.3
161+59	LT	-9 9.7
165+48	RT	-9 8.0
166+30	RT	-10 7.8
167+82	RT	-17 22.6
173+06	RT	-11 10.9
178+23	RT	-14 15.6
181+70	LT	-23 25.8
185+34	LT	-36 36.9
187+58	RT	-18 21.8
194+36	RT	-13 15.6
196+55	LT	-12 11.1
197+30	RT	-9 11.1
198+88	RT	-11 13.5
204+52	LT	-15 7.9
205+11	RT	-13 17.3
209+76	LT	-70 21.5
221+98	LT	-20 21.8
222+41	RT	-10 8.3
233+33	LT	-8 10.0
233+60	RT	-7 9.6
234+78	LT	-16 9.4
239+63	RT	-8 19.2
243+96	RT	-7 7.4
247+64	LT	-15 14.9
249+84	LT	-22 16.8
250+42	RT	-31 26.8
260+27	LT	-28 26.9
261+04	RT	-6 13.1
269+58	RT	-22 18.3
270+08	LT	-19
271+37	LT	-27 32.2
277+26	LT	-44 48.1
279+28	RT	-5
280+54	LT	-27 41.7
280+56	RT	-12 12.4
287+50	RT	-20 19.3
292+93	RT	-18 19.1
298+00	RT	-8 9.9
299+67	RT	-7 7.3
302+51	RT	-8 7.6
303+38	RT	-6 8.6
303+66	LT	-16
304+89	RT	-8
304+99	LT	-47
306+40	RT	-7 6.2
306+45	LT	-19 25.2
308+13	LT	-7 11.7
308+50	LT	-6 11.9
309+19	LT	-6 13.3
309+89	LT	-6
311+10	LT	-52
311+30	RT	-10 7.8
312+58	LT	-10 17.5
312+69	RT	-9
313+27	RT	-7
313+81	RT	-6
316+18	LT	-9 12.7
317+38	RT	-20 18.6
317+48	LT	-44
318+86	RT	-15 18.0
319+31	LT	-14
327+64	RT	-33
SUBTOTAL		-1313

STATION	POSITION	QUANTITY (SY)
VT ROUTE 16 (CONT.)		
GLOVER		
328+62	LT	10 17.7
328+82	RT	9
329+89	RT	19
329+96	LT	11 9.4
331+08	LT	7 11.0
331+19	RT	20 24.1
331+82	LT	26 17.8
332+63	RT	6 20.3
332+78	LT	9 11.4
332+87	RT	10
333+58	RT	9 6.7
335+40	RT	29 26.8
336+26	RT	9 14.8
336+41	LT	10 9.0
341+26	RT	22 31.3
344+84	RT	11 12.0
346+23	RT	10 12.4
348+53	RT	18 21.1
349+09	RT	5 6.9
349+66	RT	10 7.1
351+06	RT	7 8.4
352+94	RT	40 42.3
BARTON		
0+66	RT	-9 13.3
2+42	RT	-9 9.4
7+76	RT	-17
12+65	RT	-16 23.6
16+83	RT	25
17+60	RT	-9 13.0
19+16	LT	-13 55.3
20+11	LT	-17 14.4
21+67	LT	-15 12.4
26+23	RT	-17 23.4
30+53	RT	-8 6.6
31+25	LT	-22 18.1
32+98	LT	-23 23.6
37+13	RT	-5 7.8
40+01	RT	-6 8.9
42+92	RT	-14 18.5
44+81	LT	-19 39.1
46+34	LT	-35 49.6
46+59	RT	-7 6.6
50+96	LT	-7 10.5
53+61	LT	-13 12.4
54+83	RT	-7 9.8
58+69	RT	-33
59+86	LT	-8 8.8
73+50	RT	-8
74+24	LT	-15 22.0
87+29	RT	-9 13.7
90+29	RT	-6
SUBTOTAL		699
COLUMN 1		1313
COLUMN 2		699
SUBTOTAL		2012
ROUNDING		-18
TOTAL		2030
	ADDED	
158+40	LT	9.9
160+00	LT	38.7
181+50	RT	11.8
185+85	LT	11.1
304+52	LT	2.3
310+65	LT	25.7
131+16	LT	6.4
317+15	LT	11.9
317+75	LT	18.1
38+14	LT	12.8

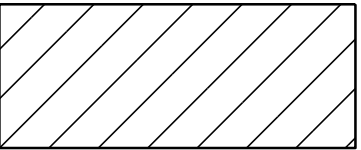


SECTION A-A
HANDWORK DETAILS FOR PAVED DRIVES

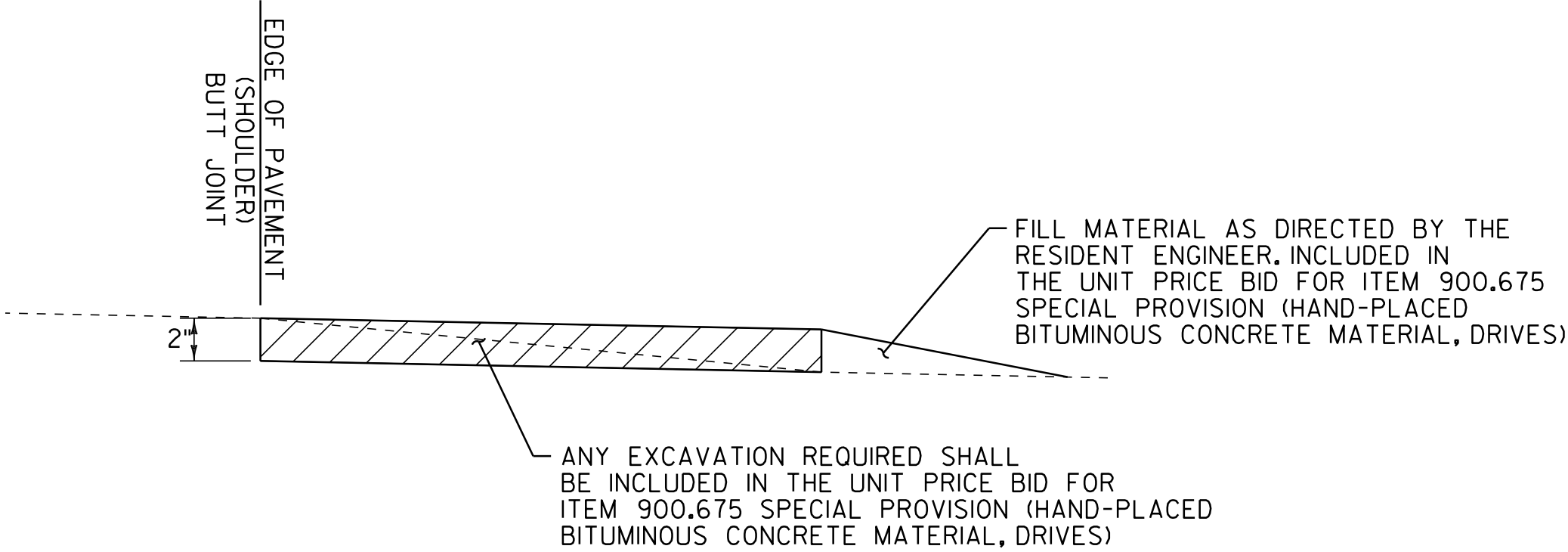
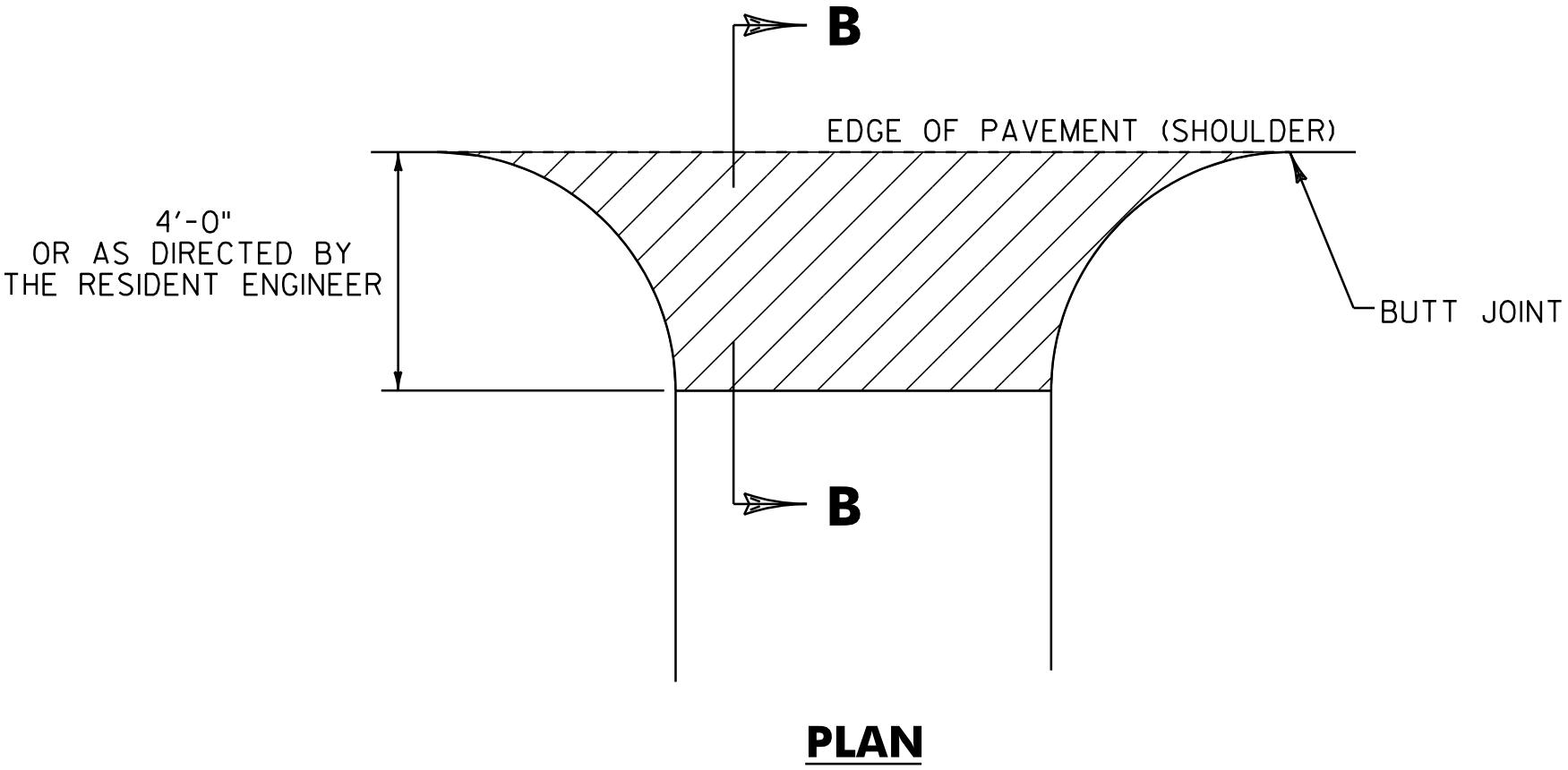
NOTES:

- PAVING LIFT SHALL BE A MINIMUM OF 1 1/2 " AND A MAXIMUM OF 2".
- 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).
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES 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).

LEGEND



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



SECTION B-B
HANDWORK DETAILS FOR GRAVEL DRIVES

NOT TO SCALE

DRIVE DETAIL SHEET	PROJECT NAME: GLOVER - BARTON	
	PROJECT NUMBER: STP 2318(1)	
	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	IPARM FILE: p01b034ds.i	SHEET 11 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 148+36.8 TO 152+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 148+36.8 TO 152+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 148+36.8 TO 152+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 148+36.8 TO 152+50, SOLID LT & RT

619.17 YEILDING MARKER POSTS
STA. 152+80 LT & RT

BEGIN STP 2318(1) VT ROUTE 16
GLOVER STA.148+36.80 = MM 2.810

UTILITY LEGEND

p

= EXISTING DI

= EXISTING SIGN POST

= EXISTING TELEPHONE MANHOLE

= EXISTING SEWER SHUTOFF

= EXISTING SEWER MANHOLE

= EXISTING MAILBOX

= EXISTING UTILITY POLE

= EXISTING GUARDRAIL

= EXISTING CULVERT

= EXISTING STONE/CONCRETE HEADWALL

= EXISTING FENCE

= EXISTING STONE WALL

= EXISTING DI

= EXISTING SIGN POST

= EXISTING TELEPHONE MANHOLE

= EXISTING SEWER SHUTOFF

= EXISTING SEWER MANHOLE

= EXISTING MAILBOX

= EXISTING UTILITY POLE

= EXISTING GUARDRAIL

= EXISTING CULVERT

= EXISTING STONE/CONCRETE HEADWALL

= EXISTING FENCE

= EXISTING STONE WALL

SIGN LEGEND

N

R

R&S

S

RET

B-B

= NEW

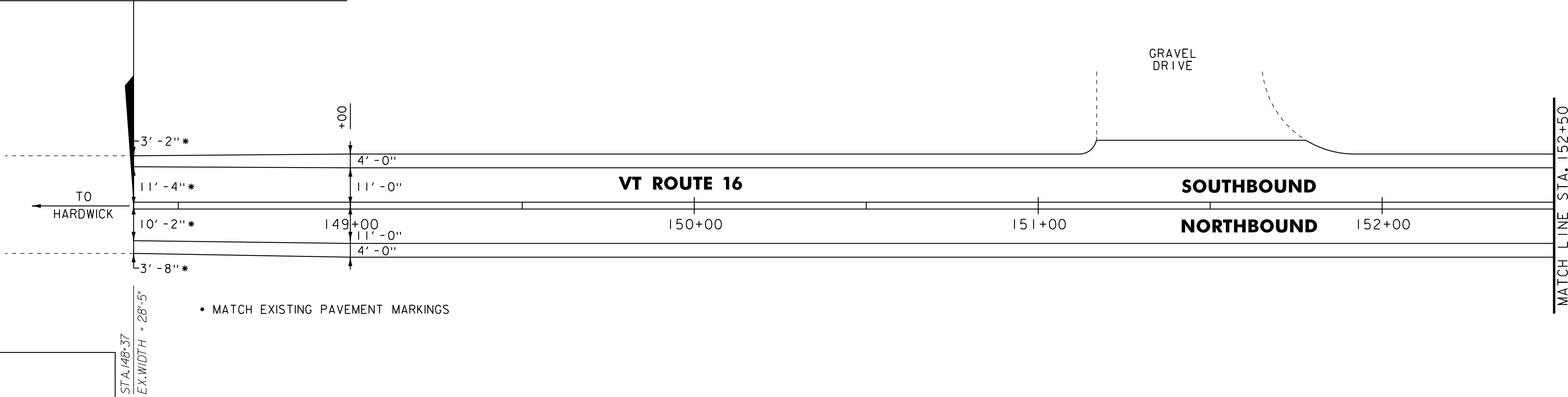
= REMOVE

= REMOVE & SALVAGE

= SALVAGE SIGN

= RETAIN

= BACK TO BACK

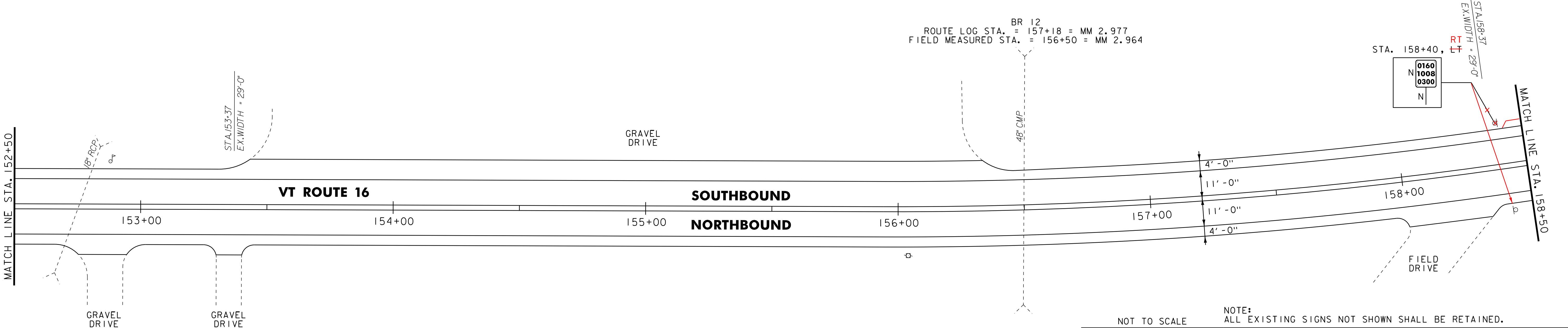


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 152+50 TO 158+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 152+50 TO 158+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 152+50 TO 158+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 152+50 TO 158+50, SOLID LT & RT



PROJECT
LAYOUT
SHEET #1

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I01.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 13 OF 60

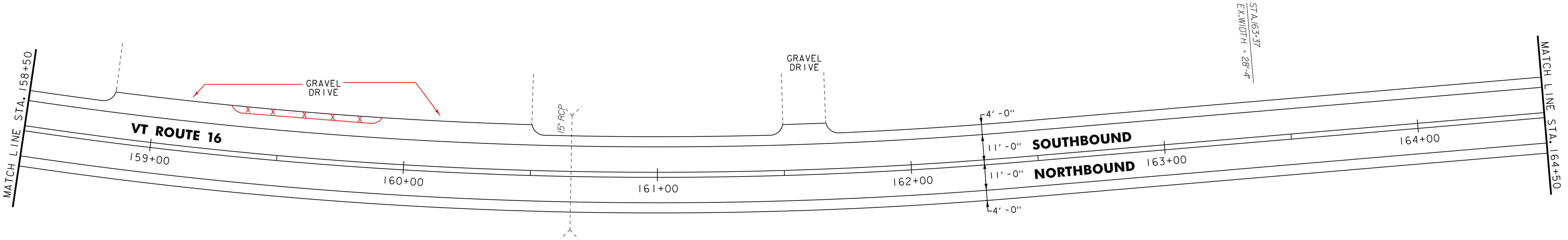
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 160+60 LT & RT



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 167+16.5 TO 169+79.0, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 166+79.0 TO 167+16.5, LT
STA. 169+79.0 TO 170+16.5, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 166+79 TO 170+22, LT

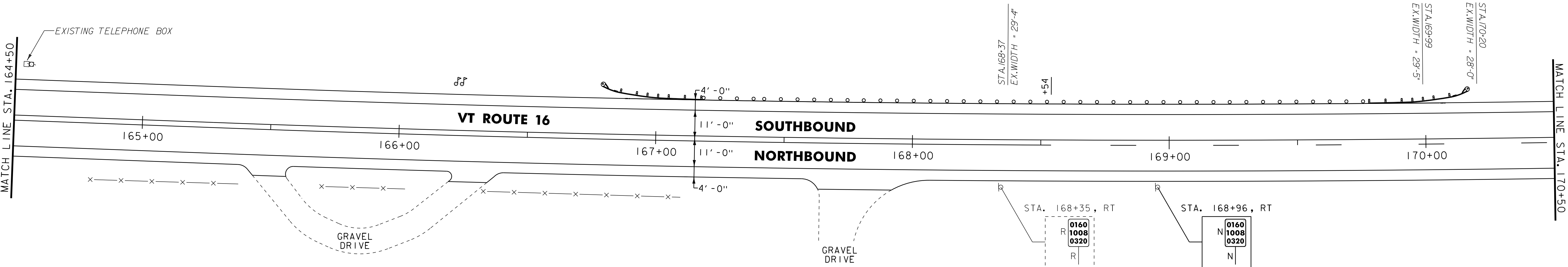
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 164+50 TO 168+54, SOLID LT & RT
STA. 168+54 TO 170+50, SOLID LT, DASHED RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 164+50 TO 168+54, SOLID LT & RT
STA. 168+54 TO 170+50, SOLID LT, DASHED RT

675.50 REMOVING SIGNS
AS SHOWN - 1



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



PROJECT
LAYOUT
SHEET #2

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 14 OF 60

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. ~~171+67.0 TO 174+04.5~~, LT ~~171+72.5 TO 174+10~~
STA. ~~173+63.5 TO 174+13.5~~, RT ~~173+23 TO 173+87.5~~
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. ~~171+29.5 TO 171+67.0~~, LT ~~171+35 TO 171+72.5~~
STA. ~~173+26.0 TO 173+63.5~~, RT
STA. ~~174+04.5 TO 174+42.0~~, LT ~~174+10 TO 174+47.5~~
STA. ~~174+13.5 TO 174+51.0~~, RT ~~174+12.5 TO 174+50~~
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 171+35 TO ~~174+42~~, LT 174+35
STA. ~~173+26 TO 174+53~~, RT 173+23 TO 174+48

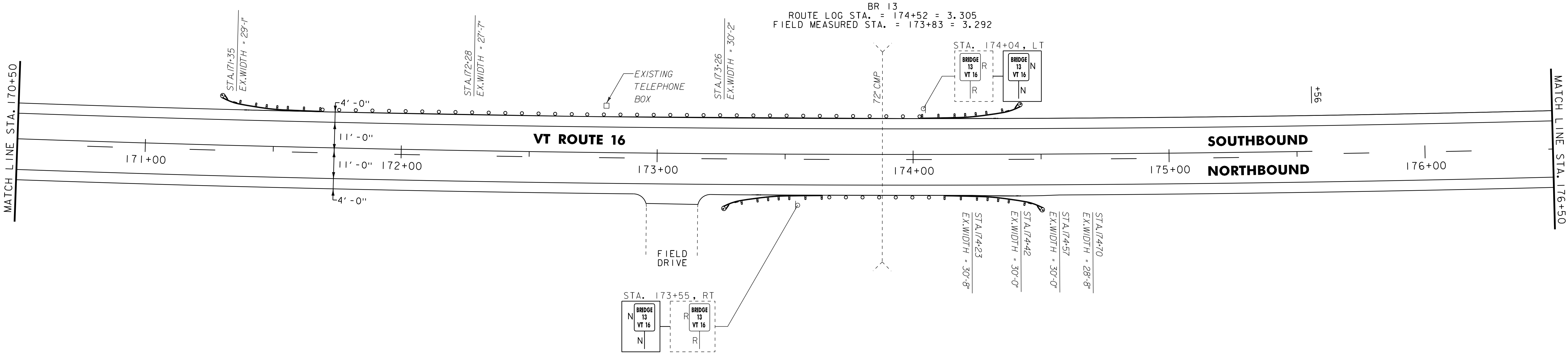
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 170+50 TO 176+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 170+50 TO 175+56, SOLID LT, DASHED RT
STA. 175+56 TO 176+50, DASHED C

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 170+50 TO 176+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 170+50 TO 175+56, SOLID LT, DASHED RT
STA. 175+56 TO 176+50, DASHED C

675.50 REMOVING SIGNS
AS SHOWN - 2

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 173+23, RT

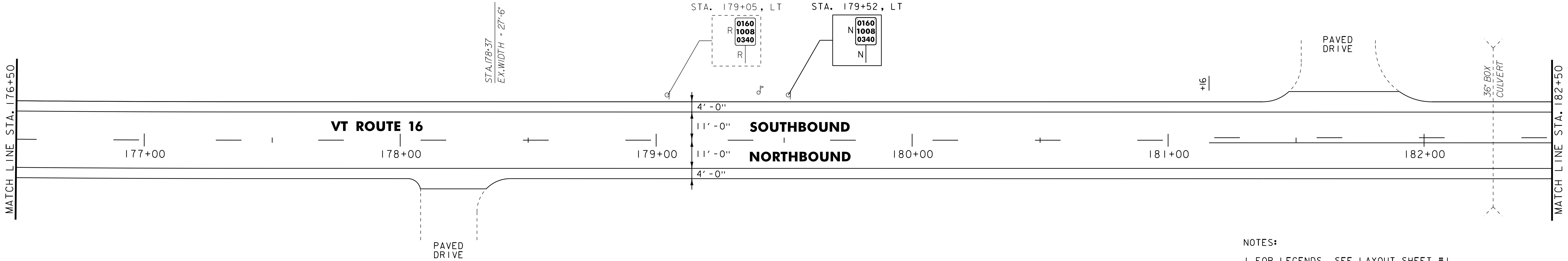
621.205 STEEL BEAM GUARDRAIL, WITH 8' POST
STA. 173+87.5 TO 174+12.5, RT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 176+50 TO 182+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 176+50 TO 181+16, DASHED C
STA. 181+16 TO 182+50, DASHED LT, SOLID RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 176+50 TO 182+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 176+50 TO 181+16, DASHED C
STA. 181+16 TO 182+50, DASHED LT, SOLID RT

675.50 REMOVING SIGNS
AS SHOWN - 1



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

NOT TO SCALE

PROJECT
LAYOUT
SHEET #3



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I03.i

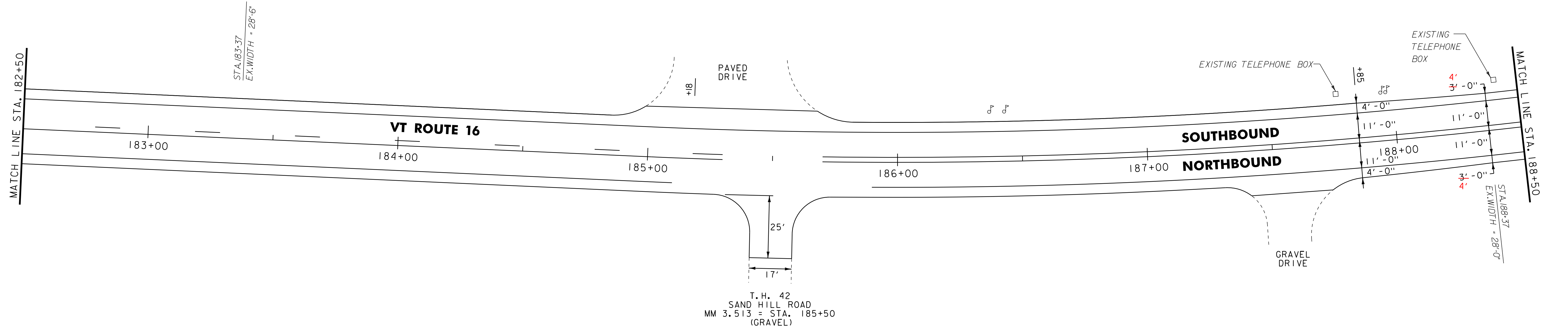
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 15 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 182+50 TO 188+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 182+50 TO 185+18, DASHED LT, SOLID RT
STA. 185+18 TO 188+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 182+50 TO 188+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 182+50 TO 185+18, DASHED LT, SOLID RT
STA. 185+18 TO 188+50, SOLID LT & RT



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 191+01.5 TO 194+50.0, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 190+64.0 TO 191+01.5, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 190+70 TO 194+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 188+50 TO 194+50, SOLID LT & RT

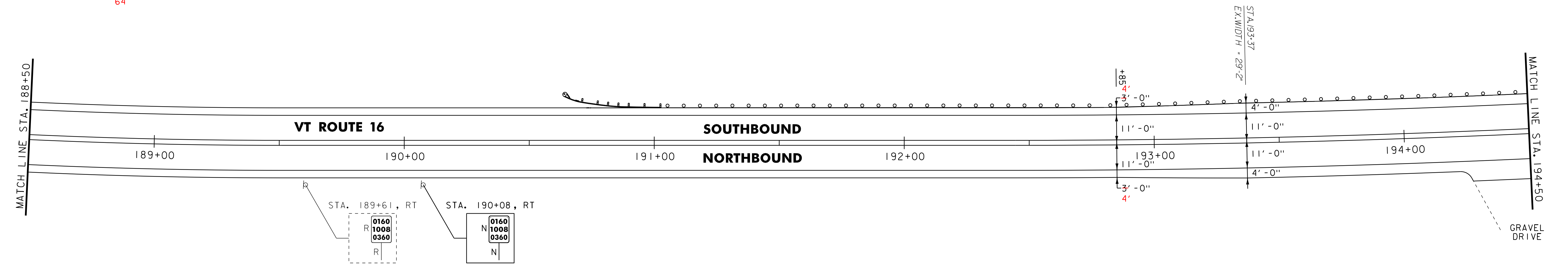
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 188+50 TO 194+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 188+50 TO 194+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 188+50 TO 194+50, SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 1

619.17 YEILDING MARKER POSTS
STA. 189+00, LT & RT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #4

PROJECT NAME:	GLOVER - BARTON
PROJECT NUMBER:	STP 2318(1)
FILE NAME:	p01b034.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	STANTEC
IPARM FILE:	p01b034I04.i
PLOT DATE:	28-NOV-2012 15:0
DRAWN BY:	STANTEC
CHECKED BY:	STANTEC
SHEET	16 OF 60

SHEET 17 OF 60

525.10 REMOVAL OF EXISTING RAILING

STA. 206+50.0 TO 206+85.0, RT
STA. 206+50.0 TO 206+87.0, LT
(SEE BRIDGE DETAIL SHEETS)

525.60 BRIDGE RAILING REPAIR, TYPE III

STA. 206+50.0 TO 206+85.0, RT
STA. 206+50.0 TO 206+87.0, LT
(SEE BRIDGE DETAIL SHEETS)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

STA. 206+85.0 TO 207+16.25, RT 10
STA. 206+87.0 TO 207+18.25, LT 12

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 207+16.25 TO 207+53.75, RT 47.5
STA. 207+18.25 TO 207+55.75, LT 49.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 206+85 TO 207+50, RT
STA. 206+87 TO 207+54, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT
STA. 209+48, SOLID RT (PARISH SCHOOL ROAD)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT
STA. 209+48, DOUBLE SOLID RT (PARISH SCHOOL ROAD)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

STA. 209+48, RT (PARISH SCHOOL ROAD)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 209+48, RT (PARISH SCHOOL ROAD) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT
STA. 209+48, SOLID RT (PARISH SCHOOL ROAD)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT
STA. 209+48, DOUBLE SOLID RT (PARISH SCHOOL ROAD)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

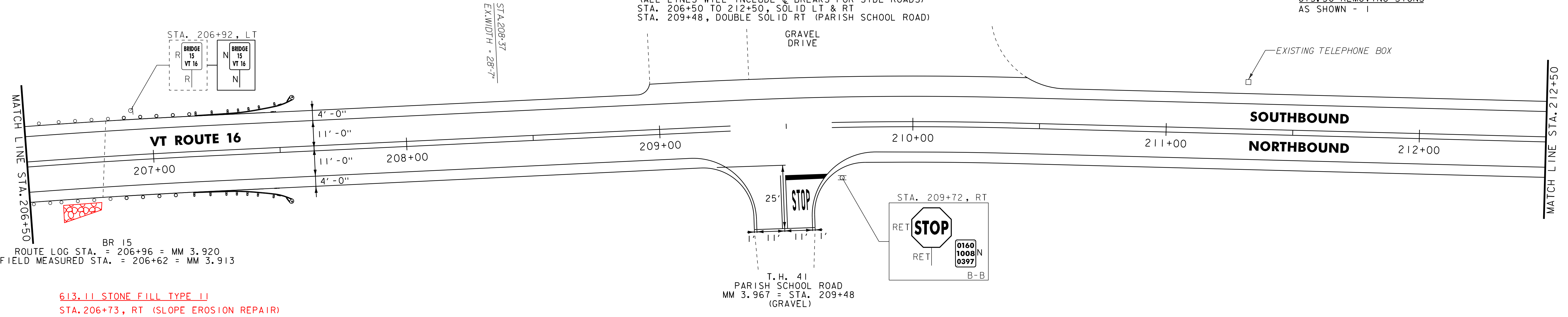
STA. 209+48, RT (PARISH SCHOOL ROAD)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 209+48, RT (PARISH SCHOOL ROAD) - "STOP"

675.50 REMOVING SIGNS

AS SHOWN - I



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

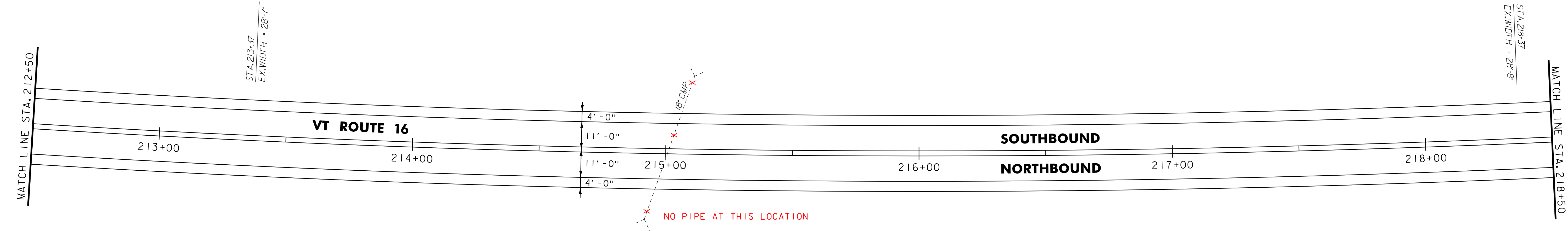
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #6

PROJECT NAME: GLOVER - BARTON

PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn

PROJECT LEADER: JLL

DESIGNED BY: STANTEC

IPARM FILE: p01b034I06.i

PLOT DATE: 28-NOV-2012 15:0

DRAWN BY: STANTEC

CHECKED BY: STANTEC

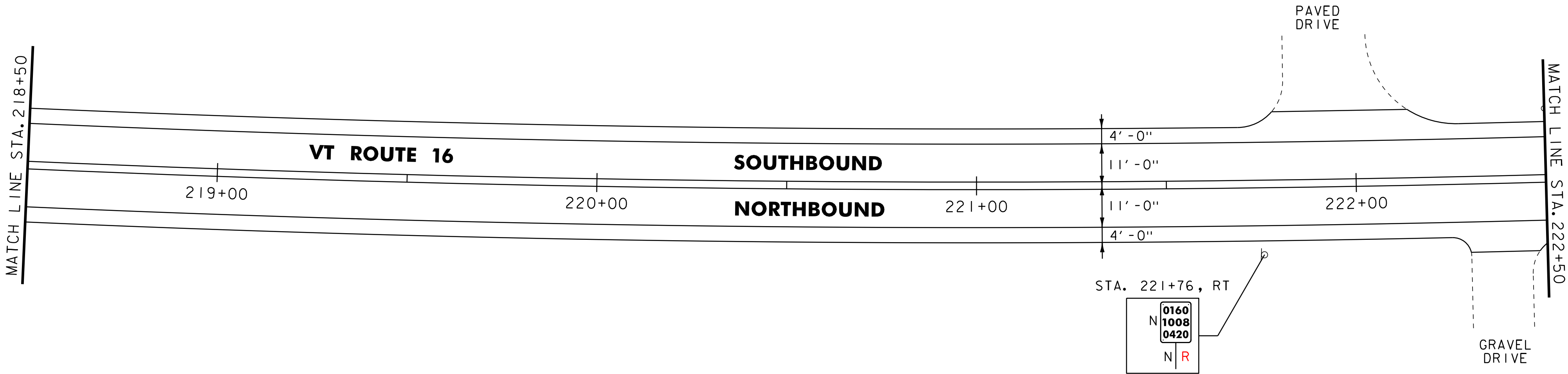
SHEET 18 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 218+50 TO 222+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 218+50 TO 222+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 218+50 TO 222+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 218+50 TO 222+50, SOLID LT & RT



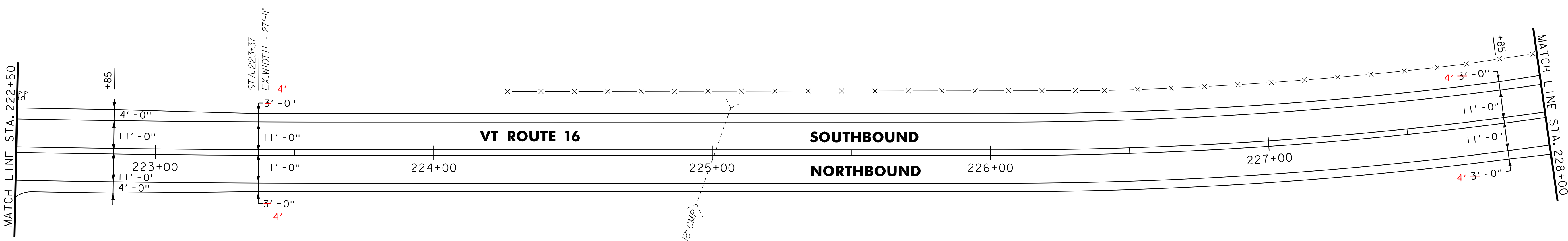
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 222+50 TO 228+00, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 222+50 TO 228+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 222+50 TO 228+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 222+50 TO 228+00, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 225+00, LT & RT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #7

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I07.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 19 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 228+00 TO 234+00, SOLID LT & RT
STA. 229+95, SOLID LT (PERRON HILL)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 228+00 TO 234+00, SOLID LT & RT
STA. 229+95, DOUBLE SOLID LT (PERRON HILL)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 229+95, LT (PERRON HILL)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 229+95, LT (PERRON HILL) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 228+00 TO 234+00, SOLID LT & RT
STA. 229+95, SOLID LT (PERRON HILL)

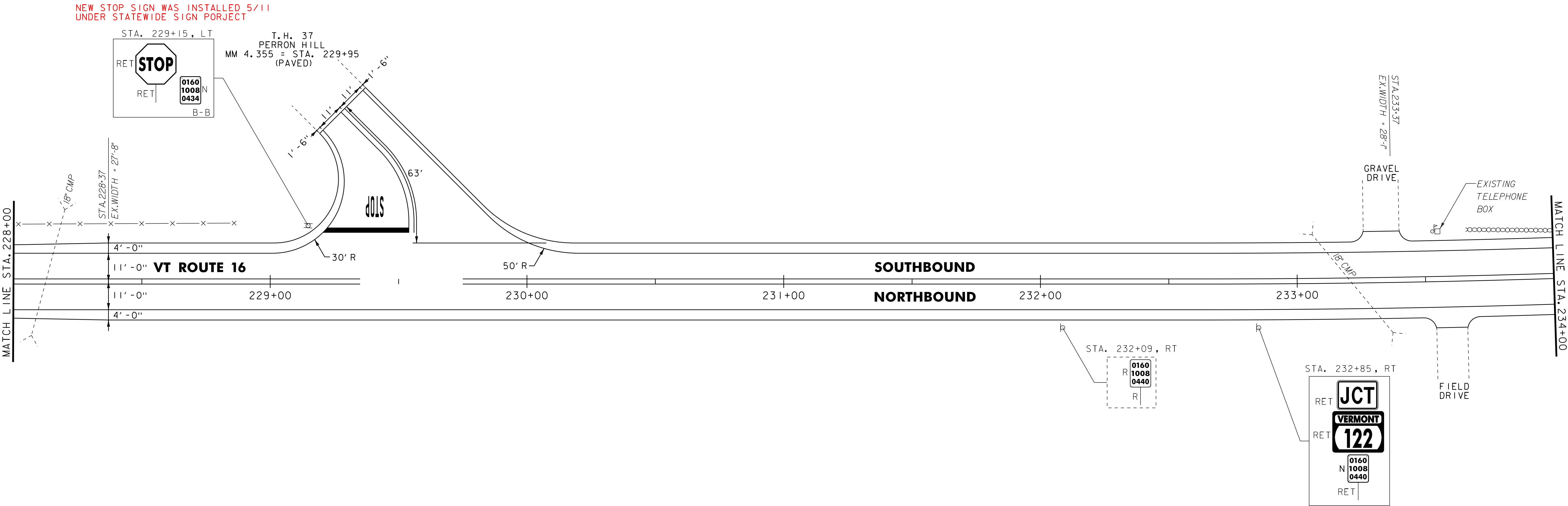
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 228+00 TO 234+00, SOLID LT & RT
STA. 229+95, DOUBLE SOLID LT (PERRON HILL)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 229+95, LT (PERRON HILL)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 229+95, LT (PERRON HILL) - "STOP"

675.50 REMOVING SIGNS
AS SHOWN - I

619.17 YIELDING MARKER POSTS
STA. 228+20, LT & RT
STA. 233+20, LT & RT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #8



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I08.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 20 OF 60

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 237+82.0 TO 239+50.0, LT 237+80.5 TO 239+95, LT
VT 122 STA. 81+56.5, RT TO VT 16 STA. 239+09.2, RT
0
621.50 MANUFACTURED TERMINAL SECTION, FLARED
VT 122 STA. 81+19.0 TO 81+56.5, RT
VT 16 STA. 237+44.5 TO 237+82.0, LT
VT 16 STA. 239+09.2 TO 239+46.7, RT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 238+47 TO 239+50, LT
VT 122 STA. 81+19, RT TO VT 16 STA. 239+44, RT
46.5

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 234+00 TO 239+50, SOLID LT & RT
STA. 238+27, SOLID RT (VT ROUTE 122)
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 234+00 TO 239+50, SOLID LT & RT
STA. 238+27, DOUBLE SOLID RT (VT ROUTE 122)
646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 238+27, RT (VT ROUTE 122)
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 238+27, RT (VT ROUTE 122) - "STOP"

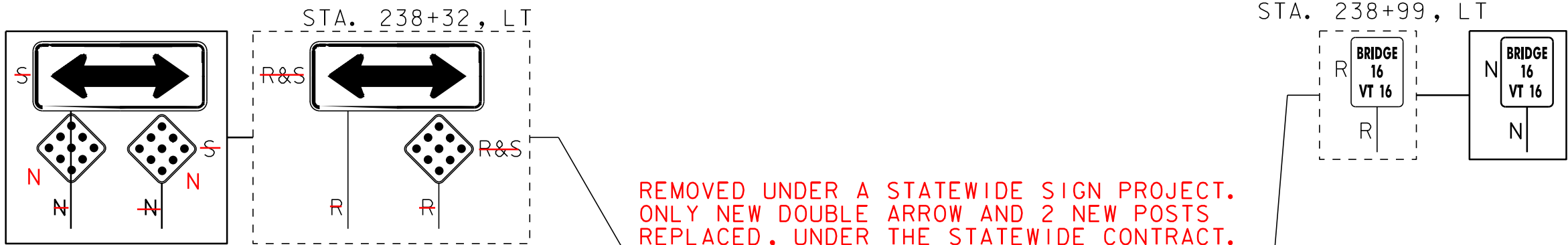
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 234+00 TO 239+50, SOLID LT & RT
STA. 238+27, SOLID RT (VT ROUTE 122)
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 234+00 TO 239+50, SOLID LT & RT
STA. 238+27, DOUBLE SOLID RT (VT ROUTE 122)
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 238+27, RT (VT ROUTE 122)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 238+27, RT (VT ROUTE 122) - "STOP"
675.50 REMOVING SIGNS
AS SHOWN - +0-3
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 6-

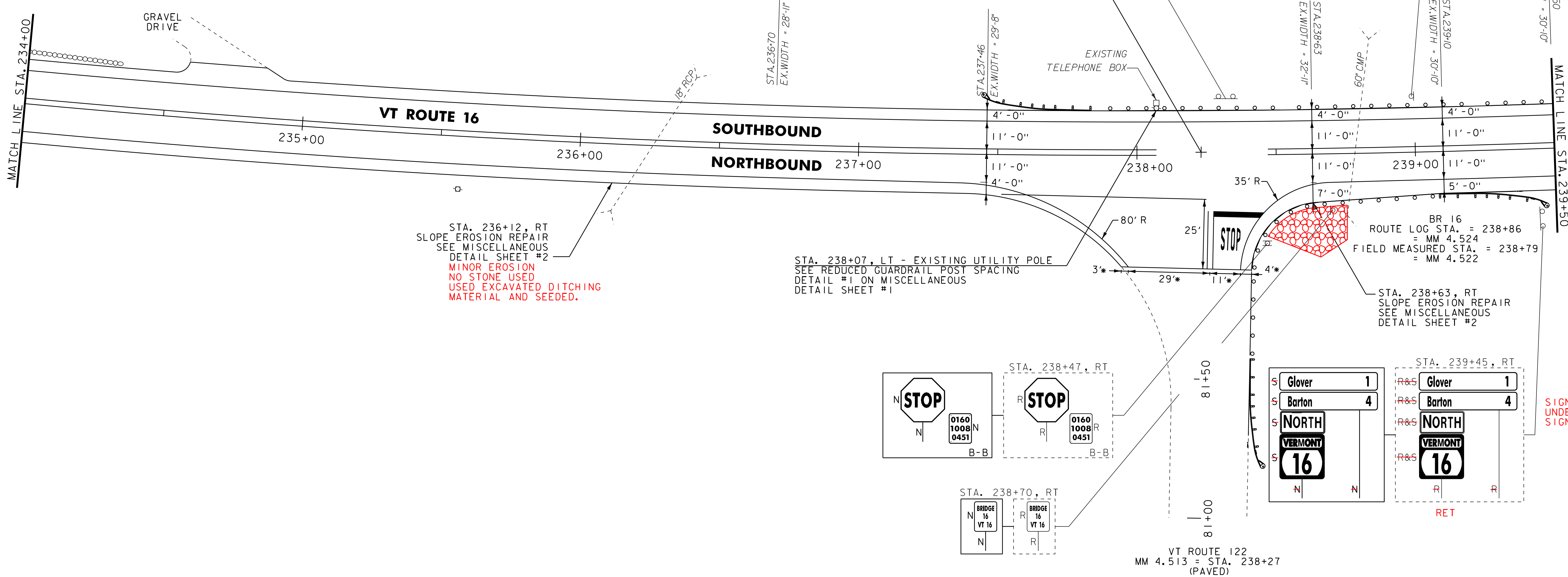
619.17 YIELDING MARKER POSTS
STA. 236+20, LT & RT
621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
VT 122 81+56.5 TO VT16 239+09 RT

239+05 TO 239+46.5
237+43 TO 237+80.5

613.11 STONE FILL, TYPE 11
STA. 238+63, RT
(SLOPE EROSION REPAIR)



STATION EQUATION
VT ROUTE 122 STA. 82+31.5 =
VT ROUTE 16 STA. 238+23



* MATCH EXISTING PAVEMENT MARKINGS
ON VT ROUTE 122

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

NOT TO SCALE

PROJECT
LAYOUT
SHEET #9



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I09.i

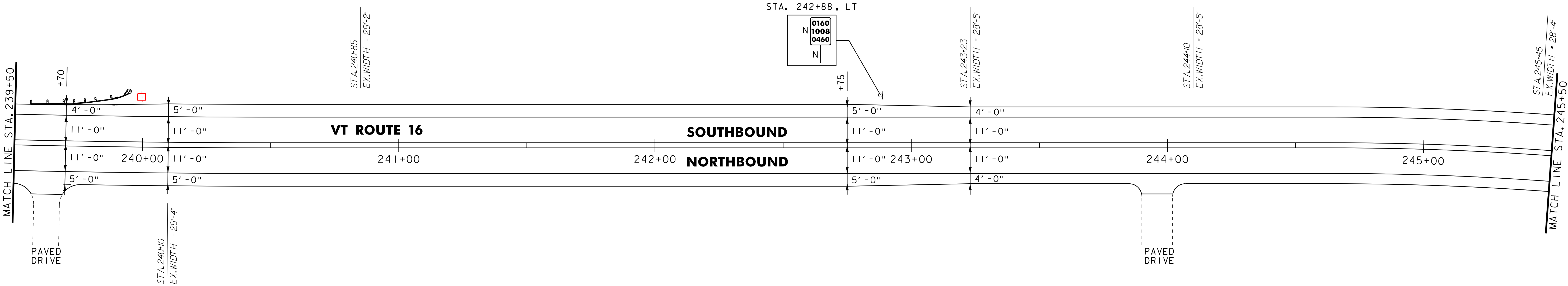
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 21 OF 60

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 239+50.0 TO 239+57.0, LT
~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~STA. 239+57.0 TO 239+94.5, LT~~
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 239+50 TO 239+89, LT
84.5

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 239+50 TO 245+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 239+50 TO 245+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 239+50 TO 245+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 239+50 TO 245+50, SOLID LT & RT

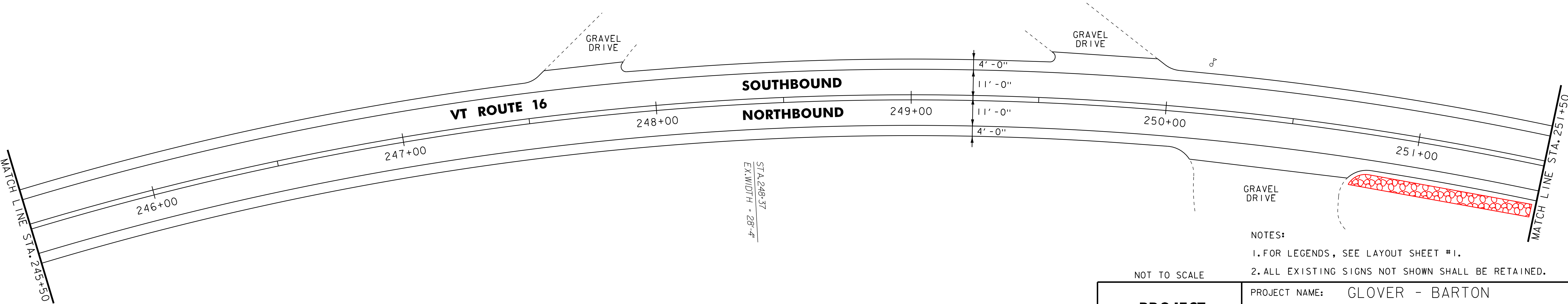
621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 239+95, LT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 245+50 TO 251+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 245+50 TO 251+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 245+50 TO 251+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 245+50 TO 251+50, SOLID LT & RT

613.10 STONE FILL, TYPE I
STA. 250+70 TO 251+50 RT



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



PROJECT
LAYOUT
SHEET #10

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I10.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 22 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 251+50 TO 257+00, SOLID LT & RT

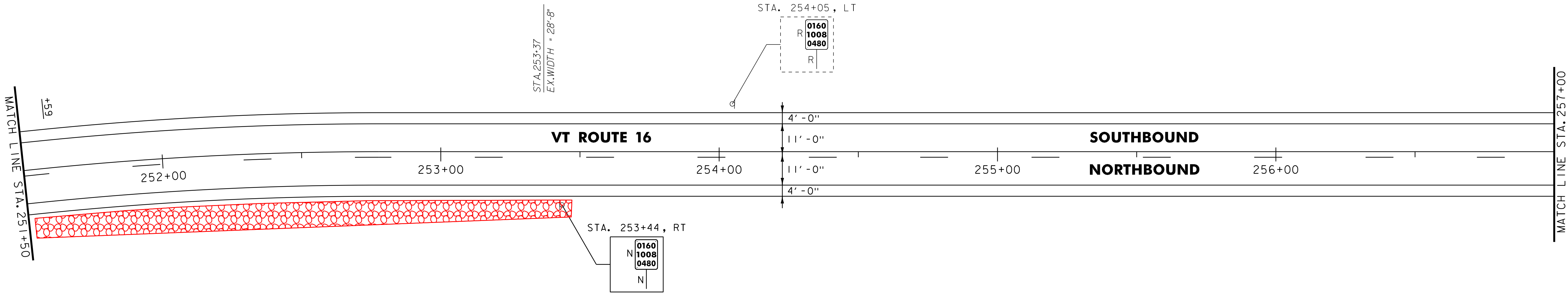
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 251+50 TO 251+59, SOLID LT & RT
STA. 251+59 TO 257+00, SOLID LT, DASHED RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 251+50 TO 257+00, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 251+50 TO 251+59, SOLID LT & RT
STA. 251+59 TO 257+00, SOLID LT, DASHED RT

675.50 REMOVING SIGNS
AS SHOWN - 1

613.10 STONE FILL, TYPE I
STA. 251+50 TO 253+49 RT (DITCH)

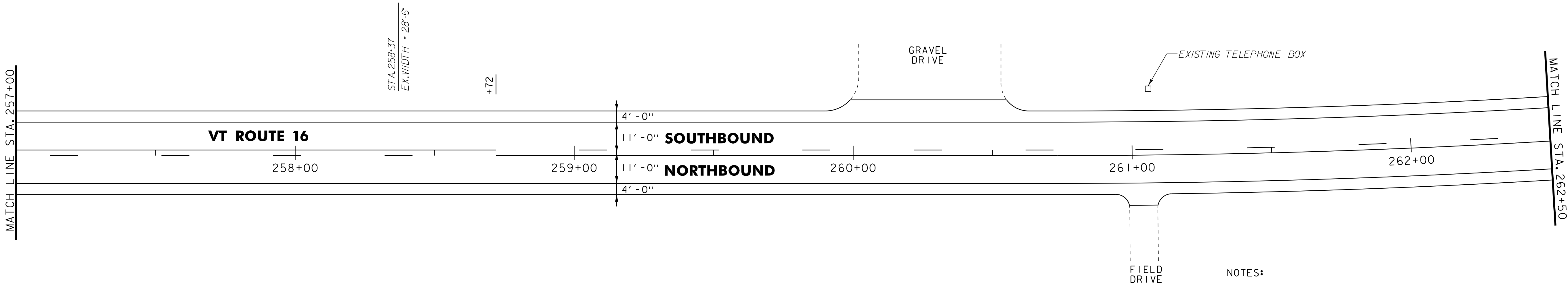


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 257+00 TO 262+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 257+00 TO 258+72, SOLID LT, DASHED RT
STA. 258+72 TO 262+50, DASHED LT, SOLID RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 257+00 TO 262+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 257+00 TO 258+72, SOLID LT, DASHED RT
STA. 258+72 TO 262+50, DASHED LT, SOLID RT



NOT TO SCALE

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



PROJECT
LAYOUT
SHEET #11

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I11.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 23 OF 60

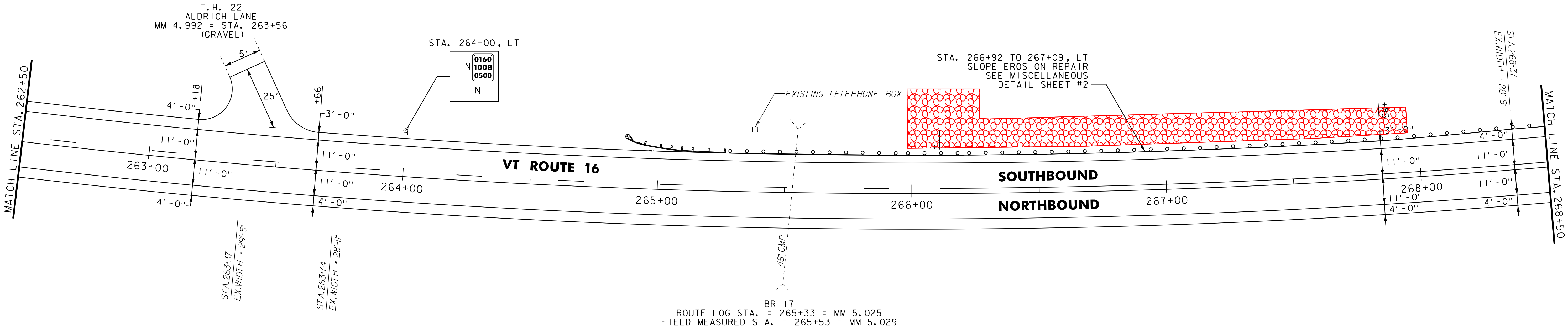
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 265+25.0 TO 268+50.0, LT
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 264+87.5 TO 265+25.0, LT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 265+28 TO 268+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 262+50 TO 268+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 262+50 TO 266+11, DASHED LT, SOLID RT
STA. 266+11 TO 268+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 262+50 TO 268+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 262+50 TO 266+11, DASHED LT, SOLID RT
STA. 266+11 TO 268+50, SOLID LT & RT

621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
STA. 266+25 TO 269+37.5 LT

613.11 STONE FILL, TYPE 11
STA. 265+98 TO 267+89 LT (SLOPE EROSION REPAIR)

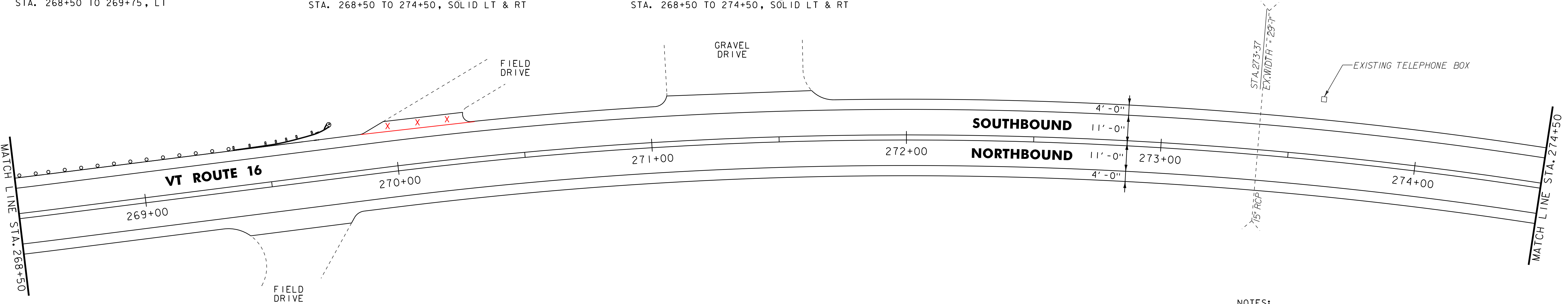


621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 268+50.0 TO 269+37.5, LT
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 269+37.5 TO 269+75.0, LT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 268+50 TO 269+75, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 268+50 TO 274+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 268+50 TO 274+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 268+50 TO 274+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 268+50 TO 274+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 273+35, RT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #12

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034112.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 24 OF 60

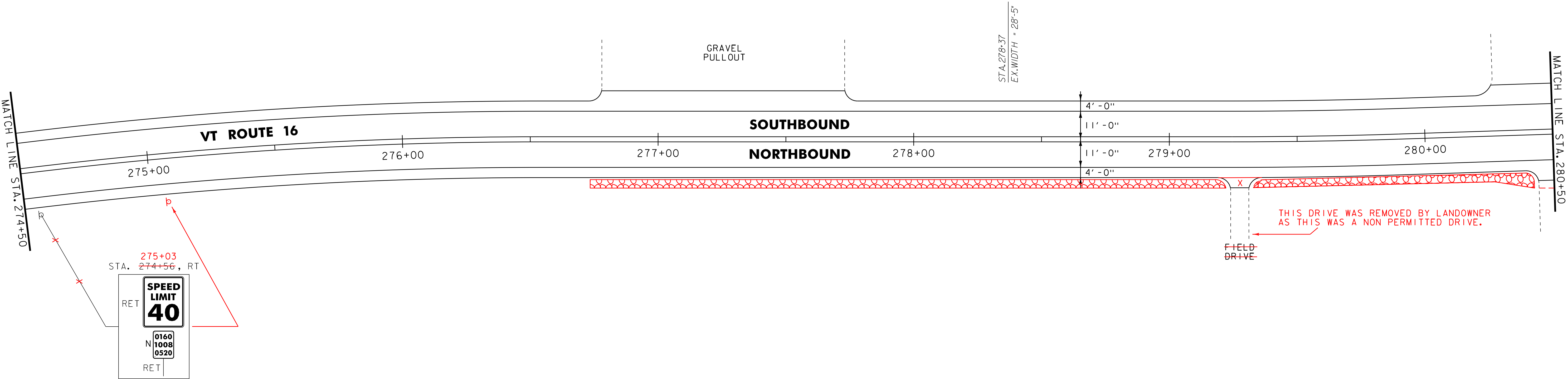
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 274+50 TO 280+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 274+50 TO 280+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 274+50 TO 280+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 274+50 TO 280+50, SOLID LT & RT

613.10 STONE FILL, TYPE I
STA. 276+68 TO 280+32, RT



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 284+58.0 TO 286+50.0, LT

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 284+58.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 284+58 TO 286+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 280+50 TO 286+50, SOLID LT & RT

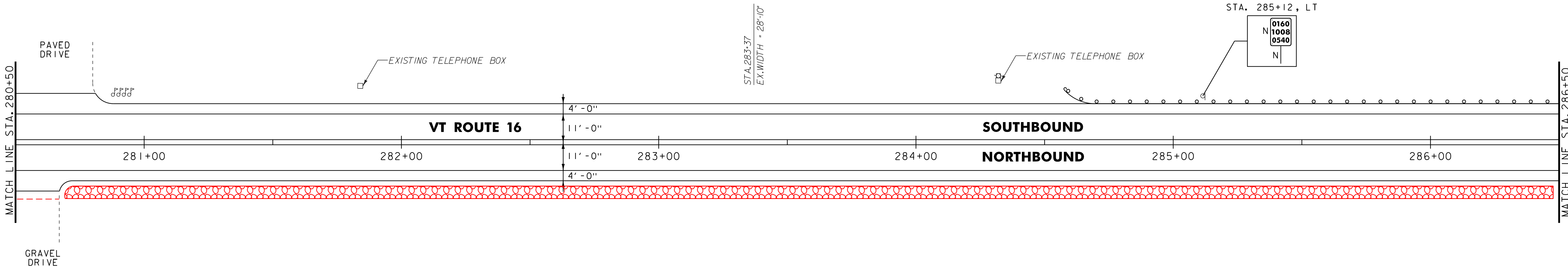
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 280+50 TO 286+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 280+50 TO 286+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 280+50 TO 286+50, SOLID LT & RT

621.50 MANUFACTURED TERMINAL SECTION
STA. 284+58 TO 284+95.5, LT

613.10 STONE FILL, TYPE I
STA. 280+75 TO 286+50, RT (DITCH)



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #13

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I13.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 25 OF 60

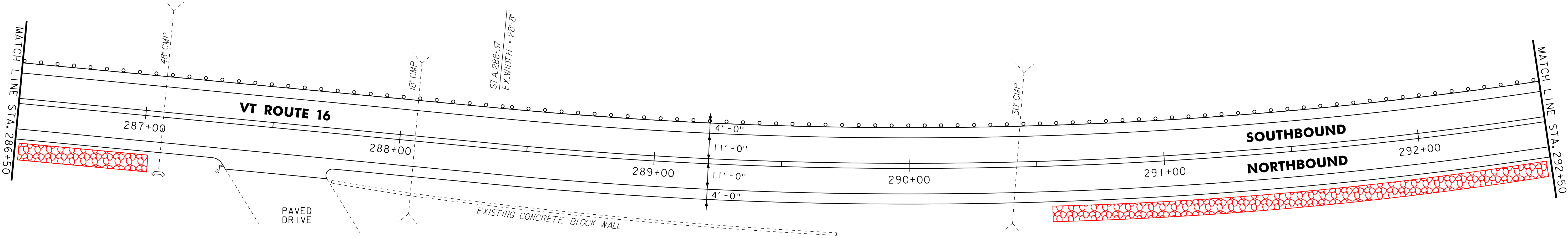
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 286+50.0 TO 292+50.0, LT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 286+50 TO 292+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 286+50 TO 292+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE $\oslash$ BREAKS FOR SIDE ROADS)
STA. 286+50 TO 292+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 286+50 TO 292+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE $\oslash$ BREAKS FOR SIDE ROADS)
STA. 286+50 TO 292+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 287+10 RT
STA. 290+40 LT & RT
STA. 294+10 RT
STA. 295+60 RT
STA. 298+10 RT

613.11 STONE FILL, TYPE I
STA. 286+50 TO 287+00 RT (DITCH)
STA. 290+54 TO 292+50 RT (DITCH)



604.412 OR 604.415 REHAB.
DIS. CBS OR MHS, CLASS I OR II
STA. 298+15, RT

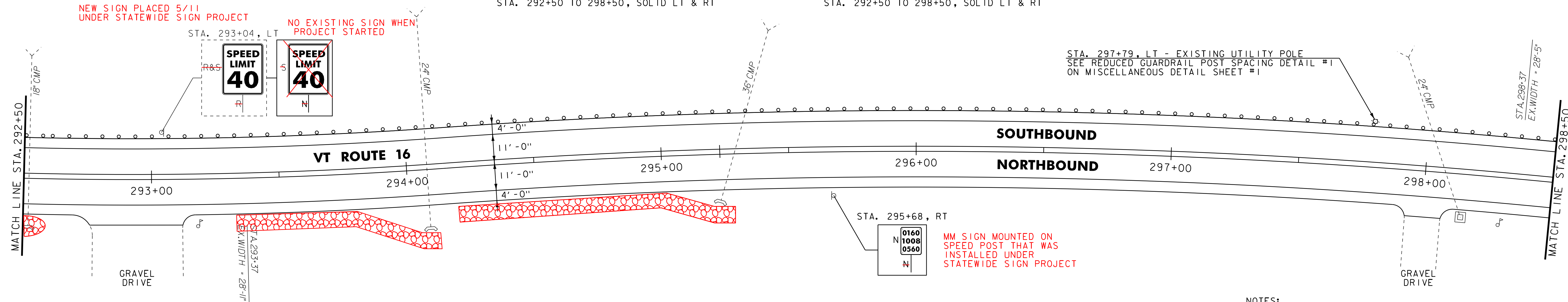
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 292+50.0 TO 298+50.0, LT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 292+50 TO 298+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 292+50 TO 298+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE $\oslash$ BREAKS FOR SIDE ROADS)
STA. 292+50 TO 298+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 292+50 TO 298+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE $\oslash$ BREAKS FOR SIDE ROADS)
STA. 292+50 TO 298+50, SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - I
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - I

613.10 STONE FILL, TYPE I
STA. 292+50 TO 292+56 RT (DITCH)
STA. 293+30 TO 294+07 RT (DITCH)
STA. 294+14 TO 295+23 RT (DITCH)



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #14



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I14.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 26 OF 60

604.412 OR 604.415 REHAB.
DIS. C&S OR M&S, CLASS I OR II

STA. 299+44, RT
STA. 301+35, RT
STA. 303+12, LT
STA. 303+12, RT
STA. 304+35, LT
STA. 304+35, RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 298+50.0 TO 300+33.0, LT

621.60 ANCHOR FOR STEEL BEAM RAIL

STA. 300+33.0, LT 300+22.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 298+50 TO 300+37, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)

STA. 298+50 TO 304+50, SOLID LT & RT
STA. 302+80, SOLID LT (STILL HILL)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)

STA. 298+50 TO 304+50, SOLID LT & RT
STA. 302+80, DOUBLE SOLID LT (STILL HILL)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

STA. 302+80, LT (STILL HILL)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 302+80, LT (STILL HILL) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)

STA. 298+50 TO 304+50, SOLID LT & RT
STA. 302+80, SOLID LT (STILL HILL)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)

STA. 298+50 TO 304+50, SOLID LT & RT
STA. 302+80, DOUBLE SOLID LT (STILL HILL)

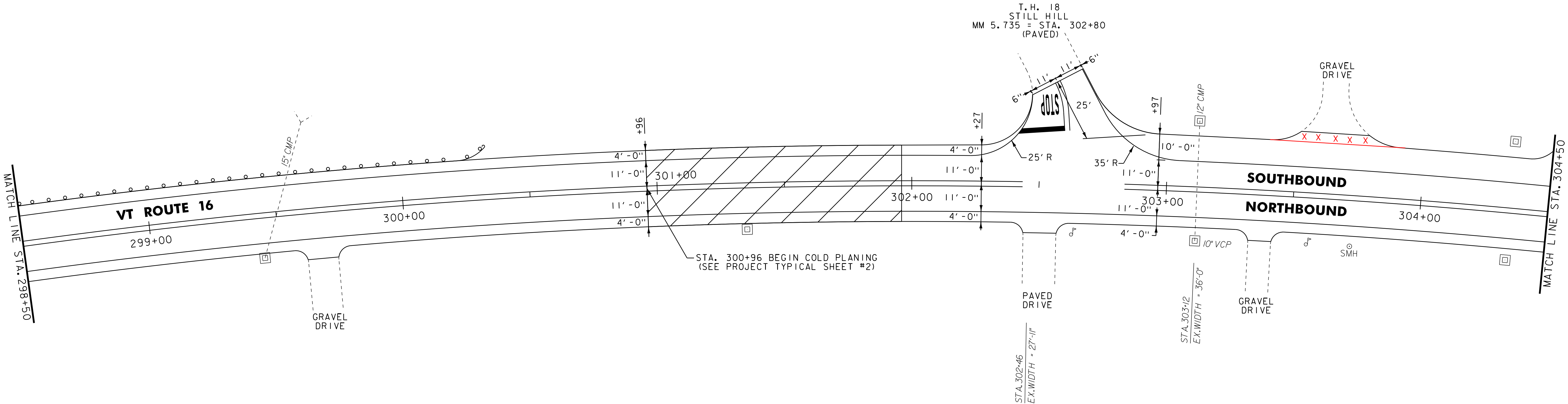
646.682 TEMPORARY 24 INCH STOP BAR, PAINT

STA. 302+80, LT (STILL HILL)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 302+80, LT (STILL HILL) - "STOP"

619.17 YIELDING MARKER POSTS
STA. 301+40, RT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

TRANSITION AREA
SEE PROJECT TYPICAL SHEET #2



PROJECT
LAYOUT
SHEET #15

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I15.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 27 OF 60

604.412 OR 604.415 REHAB.
DIS, C&S OR M&S, CLASS I OR II

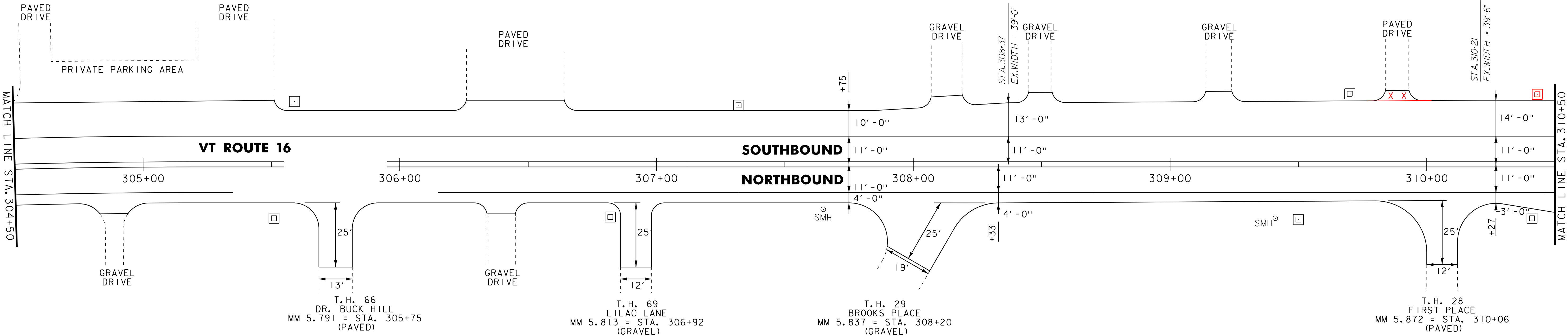
STA. 305+51, RT
STA. 305+59, LT
STA. 306+82, RT
STA. 307+32, LT
STA. 309+50, RT
STA. 309+70, LT
STA. 310+41, RT
STA. 310+41, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 304+50 TO 310+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 304+50 TO 310+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 304+50 TO 310+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 304+50 TO 310+50, SOLID LT & RT



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #16**

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I16.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 28 OF 60

604.412 OR 604.415 REHAB.
DIS. CBS OR MHS, CLASS I OR II

STA. 311+85, RT
STA. 311+96, LT
STA. 313+11, RT
STA. 313+38, LT
STA. 313+98, RT
STA. 314+37, LT
~~STA. 315+11, RT~~

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
STA. 314+91.0 TO ~~315+06.0~~, LT ~~315+25.5~~, LT
STA. 315+56.0 TO ~~315+68.0~~, RT ~~315+68.5~~, RT
STA. 315+97.0 TO 316+09.0, LT
(SEE BRIDGE DETAIL SHEETS)
~~STA. 316+34 TO 316+50 RT~~
621.53 TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
~~STA. 315+06.0 TO 315+31.0, LT~~
~~STA. 316+34.0 TO 316+50.0, RT~~

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 315+56.0, RT ~~STA. 314+91, LT~~
STA. 316+09.0, LT
09.5

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 314+90 TO 315+31, LT
STA. 315+56 TO 315+68, RT
STA. 315+97 TO 316+09, LT
STA. 316+34 TO 316+50, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR SIDE ROADS)
STA. 310+50 TO 316+50, SOLID LT & RT
(INCLUDES DIAGONALS)
STA. 314+72, SOLID RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, SOLID LT (BEAN HILL ROAD)
STA. 314+83, SOLID RT (MILL PLACE)
~~STA. 314+83, SOLID RT (MILL PLACE PARKING STALLS)~~

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 310+50 TO 316+50, SOLID LT & RT
STA. 314+72, DOUBLE SOLID RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, DOUBLE SOLID LT (BEAN HILL ROAD)
STA. 314+83, DOUBLE SOLID RT (MILL PLACE)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 314+72, RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, RT (MILL PLACE)
STA. 314+83, LT (BEAN HILL ROAD)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 314+72, RT (DEXTER MOUNTAIN ROAD) - "STOP"
STA. 314+83, RT (MILL PLACE) - "STOP"
STA. 314+83, LT (BEAN HILL ROAD) - "STOP"

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
STA. 311+94, RT TO 312+03, LT

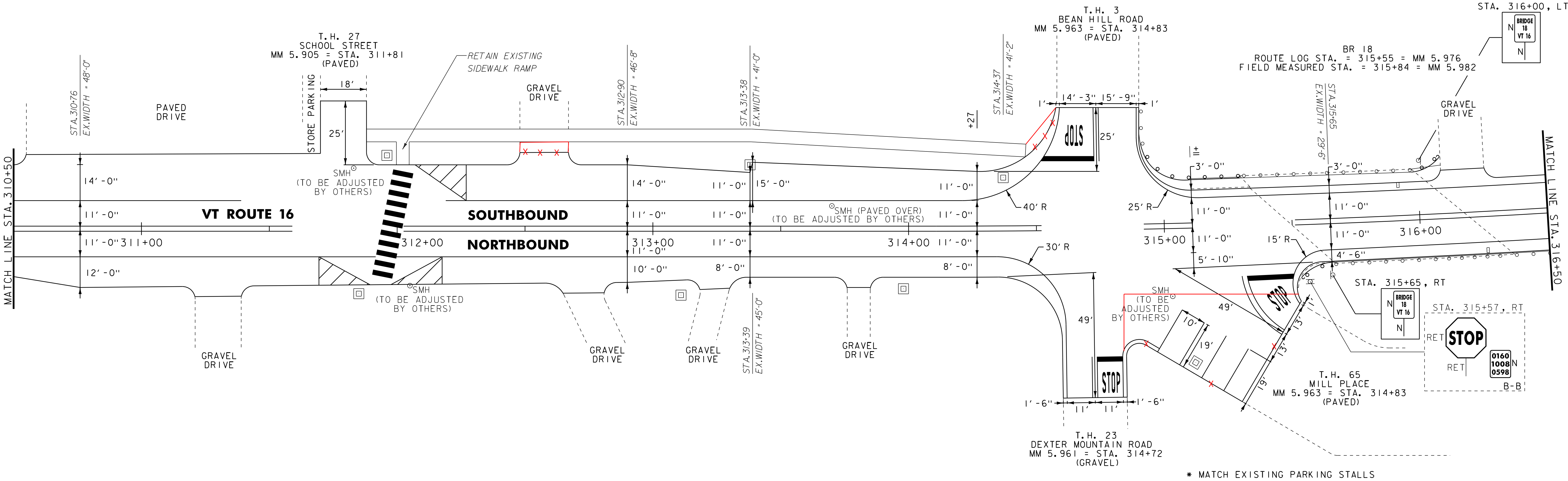
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR SIDE ROADS)
STA. 310+50 TO 316+50, SOLID LT & RT
(INCLUDES DIAGONALS)
STA. 314+72, SOLID RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, SOLID LT (BEAN HILL ROAD)
STA. 314+83, SOLID RT (MILL PLACE)
~~STA. 314+83, SOLID RT (MILL PLACE PARKING STALLS)~~

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 310+50 TO 316+50, SOLID LT & RT
STA. 314+72, DOUBLE SOLID RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, DOUBLE SOLID LT (BEAN HILL ROAD)
STA. 314+83, DOUBLE SOLID RT (MILL PLACE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 314+72, RT (DEXTER MOUNTAIN ROAD)
STA. 314+83, RT (MILL PLACE)
STA. 314+83, LT (BEAN HILL ROAD)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 314+72, RT (DEXTER MOUNTAIN ROAD) - "STOP"
STA. 314+83, RT (MILL PLACE) - "STOP"
STA. 314+83, LT (BEAN HILL ROAD) - "STOP"

646.702 TEMPORARY CROSSWALK MARKING, PAINT
STA. 311+94, RT TO 312+03, LT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #17

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I17.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 29 OF 60

604.412 OR 604.415 REHAB.
DIS. C&S OR M&S, CLASS I OR II
STA. 317+97, LT
STA. 320+06, LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 316+59.0 TO ~~317+09.0~~, RT **317+23.5**
STA. 319+63.5 TO 322+50.0, RT

621.21 NO STEEL BEAM GUARDRAIL, GALVANIZED
STA. 316+50 TO 316+59 RT

621.53 TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
~~STA. 316+50.0 TO 316+59.0, RT~~

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. ~~317+09.0~~, RT **317+23.5**, RT
STA. 319+63.5, RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 316+50 TO 317+11, RT
STA. 319+65 TO 322+50, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIUS FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

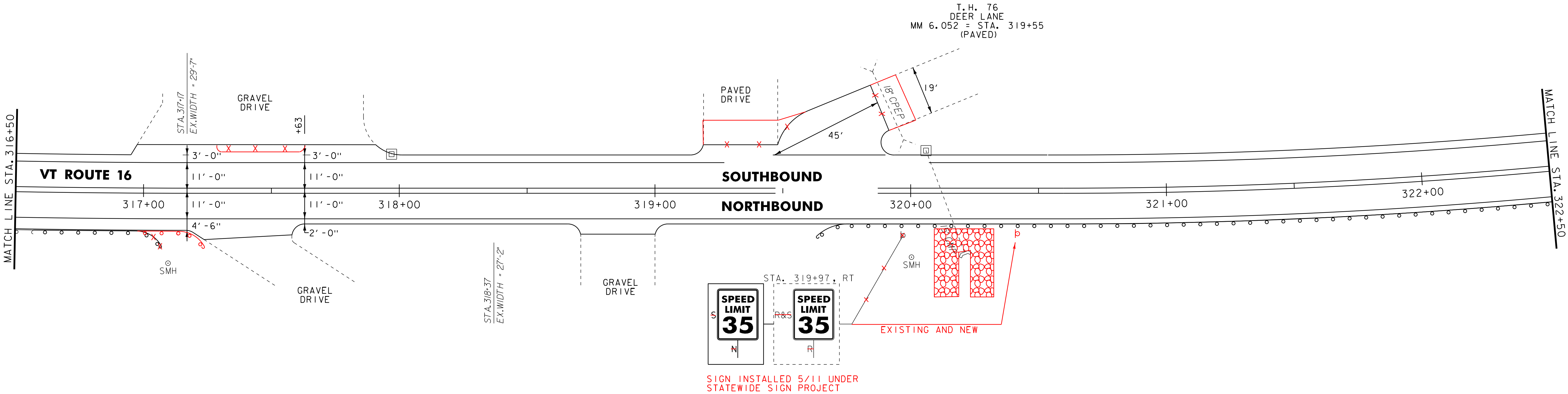
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - +

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - +

619.17 YIELDING MARKER POSTS
STA. 319+95, LT

613.11 STONE FILL, TYPE II
STA. 320+10, RT (SLOPE EROSION REPAIR)



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

**PROJECT
LAYOUT
SHEET #18**



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034l18.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 30 OF 60

604.412 OR 604.415 REHAB.
DIS. C&S OR MHS, CLASS I OR II
STA. 322+84, LT
STA. 325+17, LT

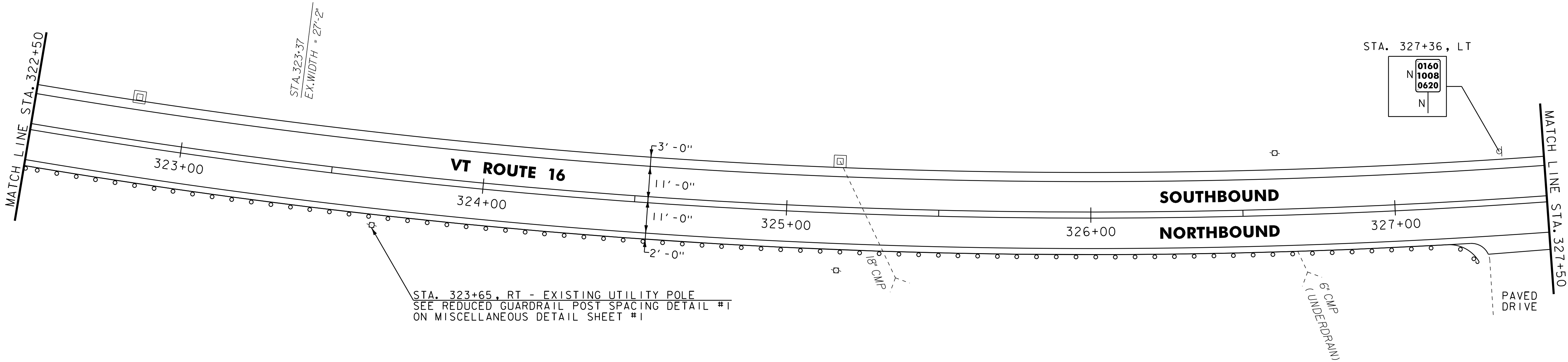
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 322+50.0 TO 327+26.0, RT
30
621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 327+26.0, RT
30
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 322+50 TO 327+26, RT
27.5

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 322+50 TO 327+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 322+50 TO 327+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 322+50 TO 327+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 322+50 TO 327+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 326+60, RT

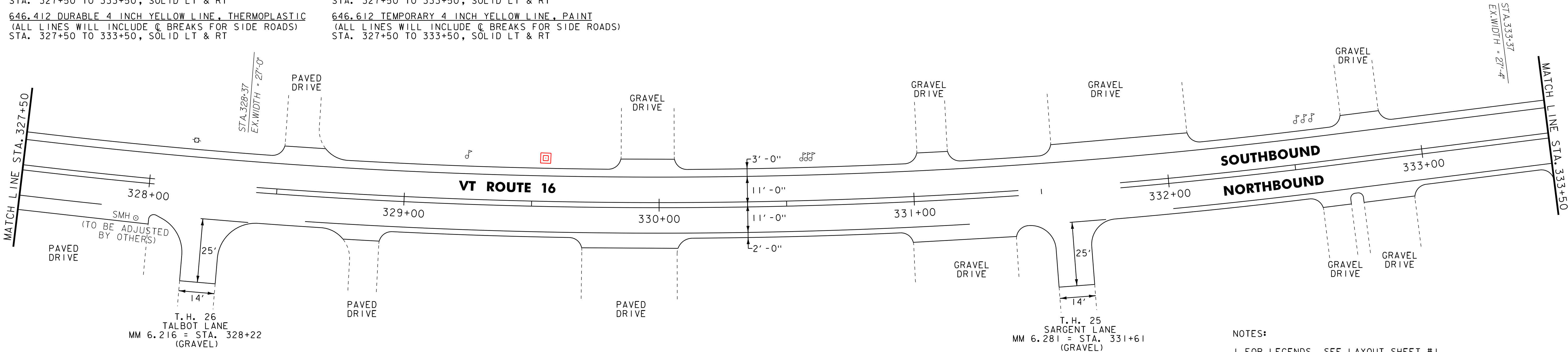
621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
STA. 319+63.5 TO 327+30 ,RT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 327+50 TO 333+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 327+50 TO 333+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 327+50 TO 333+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 327+50 TO 333+50, SOLID LT & RT

604.412 REHAB.DI
STA. 329+65, LT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #19

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I19.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 31 OF 60

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
STA. 335+50, LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 337+69.5 TO 339+50.0, RT
STA. 339+29.0 TO 339+50.0, LT
(SEE BRIDGE DETAIL SHEETS)

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 337+69.5, RT
STA. 339+29.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 337+67 TO 339+50, RT
STA. 339+24 TO 339+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT
STA. 335+09, DOUBLE SOLID LT (BAILEY LANE)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 335+09, LT (BAILEY LANE)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 335+09, LT (BAILEY LANE) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT

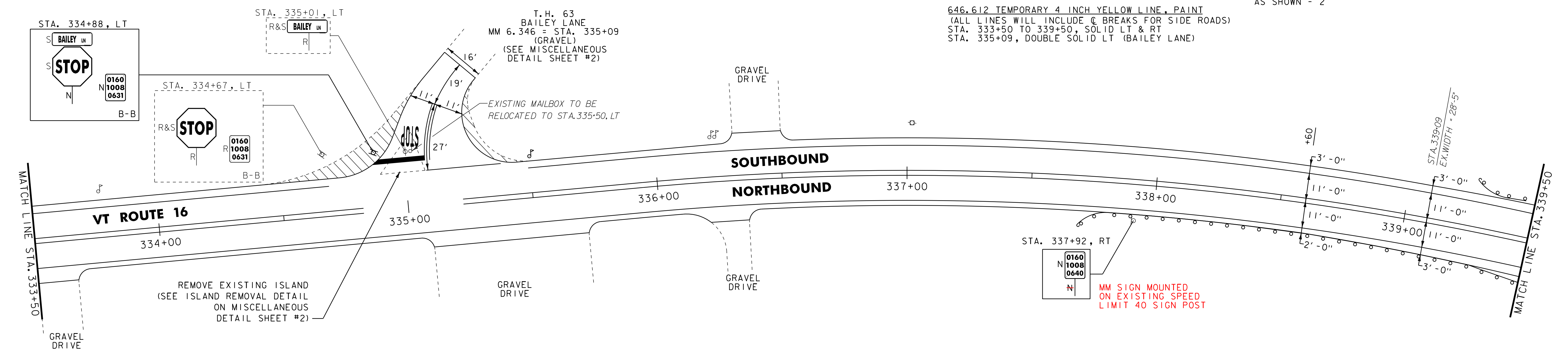
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT
STA. 335+09, DOUBLE SOLID LT (BAILEY LANE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 335+09, LT (BAILEY LANE)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 335+09, LT (BAILEY LANE) - "STOP"

675.50 REMOVING SIGNS
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 339+50.0 TO 339+79.0, LT
STA. 339+50.0 TO 339+57.0, RT
STA. 340+78.0 TO 340+90.5, RT
STA. 341+00.0 TO 342+50.0, LT

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
~~621.53 TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL~~
~~STA. 339+57.0 TO 339+82.0, RT~~
~~STA. 339+79.0 TO 340+04.0, LT~~
~~STA. 340+53.0 TO 340+78.0, RT~~
~~STA. 340+75.0 TO 341+00.0, LT~~
(SEE BRIDGE DETAIL SHEETS)

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 340+90.5, RT
STA. 342+50.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 339+50 TO 339+82, RT
STA. 339+50 TO 339+99, LT
STA. 340+57 TO 340+94, RT
STA. 340+75 TO 342+52, LT

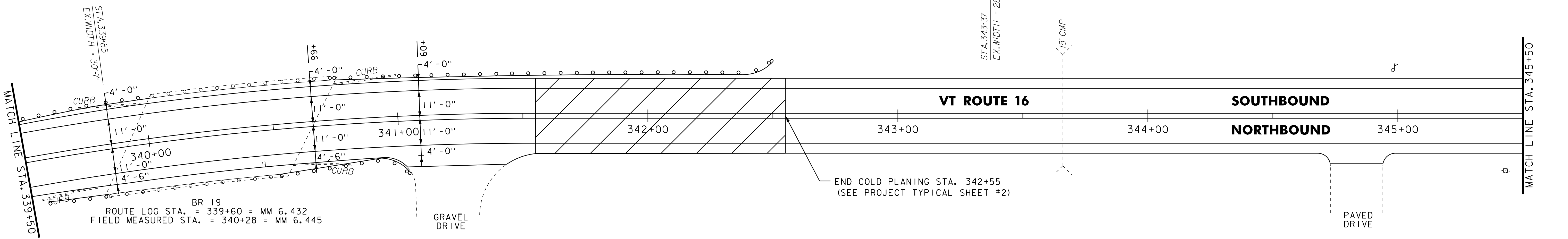
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 343+70, RT



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

TRANSITION AREA
SEE PROJECT TYPICAL SHEET #2



PROJECT
LAYOUT
SHEET #20

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I20.i

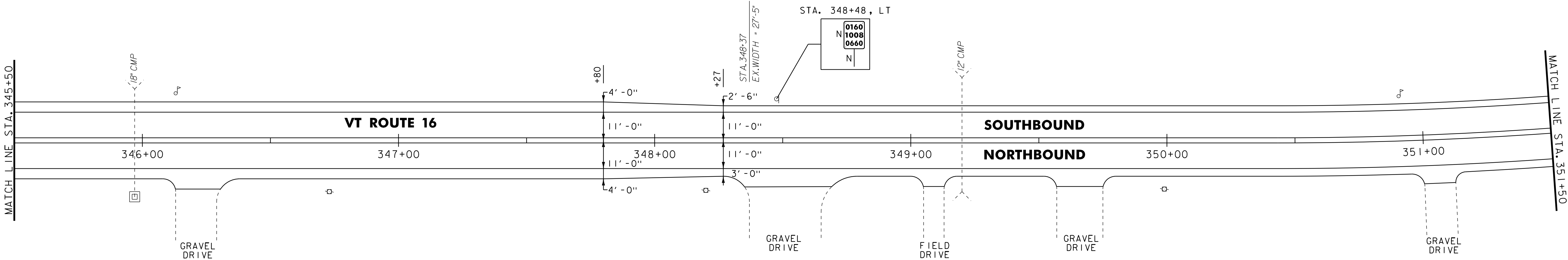
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 32 OF 60

604.412 OR 604.415 REHAB,
DIS, C&S OR MHS, CLASS 1 OR 11
STA. 345+97, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 345+50 TO 351+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 345+50 TO 351+50, SOLID LT & RT

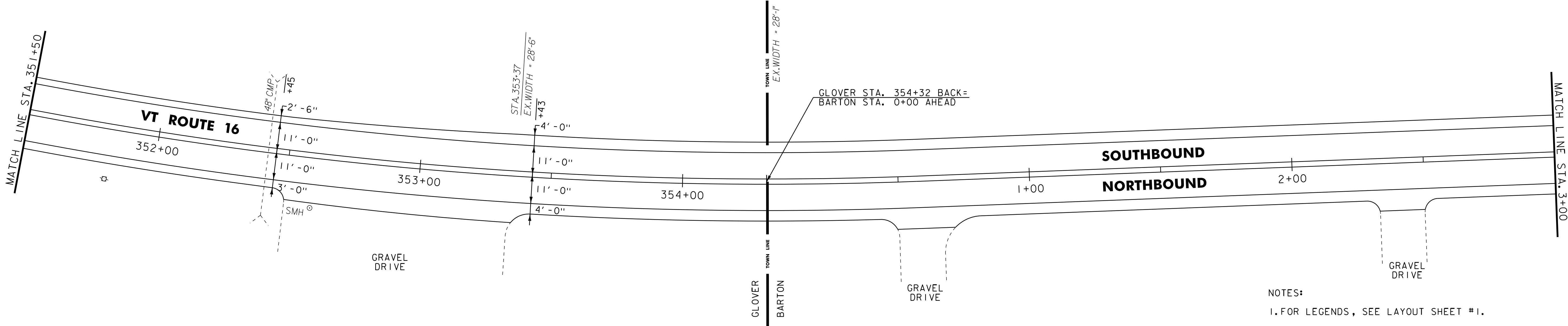
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 345+50 TO 351+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 345+50 TO 351+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 349+20, RT
STA. 352+40, LT & RT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
GLOVER STA. 351+50 TO BARTON STA. 3+00, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
GLOVER STA. 351+50 TO BARTON STA. 3+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
GLOVER STA. 351+50 TO BARTON STA. 3+00, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
GLOVER STA. 351+50 TO BARTON STA. 3+00, SOLID LT & RT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #21

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I21.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 33 OF 60

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
STA. 7+74, LT
STA. 7+76, LT
STA. 7+78, LT

619.17 YIELDING MARKER POSTS
STA. 4+10, LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 7+08.5 TO 8+50.0, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 6+71.0 TO 7+08.5, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 6+66 TO 8+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 3+00 TO 8+50, SOLID LT & RT

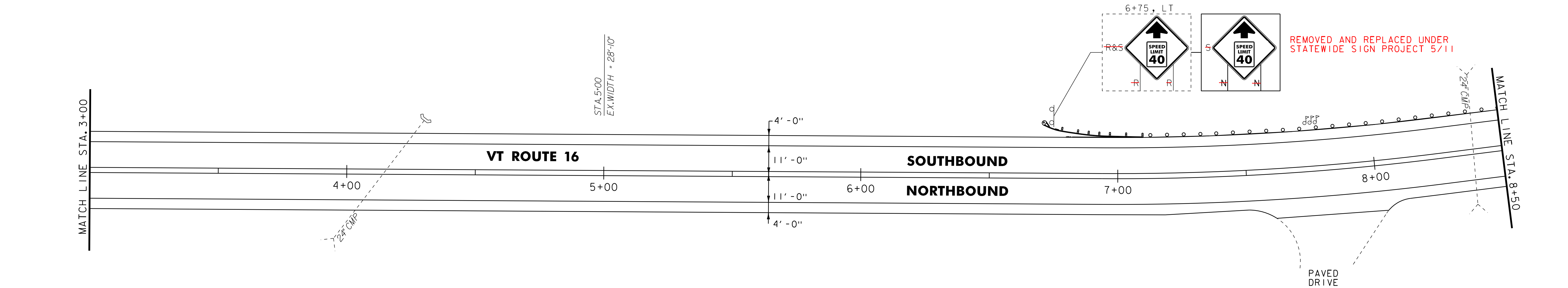
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 3+00 TO 8+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 3+00 TO 8+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 3+00 TO 8+50, SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - +

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - +



621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 8+50.0 TO 9+58.5, LT 8+83.5
STA. 9+08 TO 9+85.5, LT
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 9+58.5 TO 9+96.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 8+50 TO 9+71, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 8+50 TO 14+50, SOLID LT & RT
STA. 10+16, SOLID LT (FULTON LANE)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 8+50 TO 14+50, SOLID LT & RT
STA. 10+16, DOUBLE SOLID LT (FULTON LANE)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 10+16, LT (FULTON LANE)
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 10+16, LT (FULTON LANE) - "STOP"

621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 9+85.5, LT

621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
STA. 8+83.5 TO 9+08.5, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 8+50 TO 14+50, SOLID LT & RT
STA. 10+16, SOLID LT (FULTON LANE)

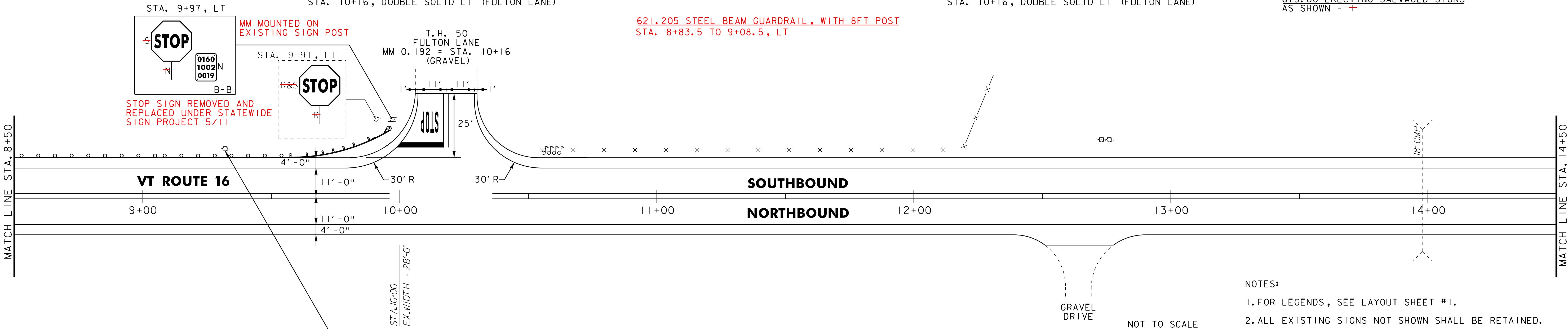
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 8+50 TO 14+50, SOLID LT & RT
STA. 10+16, DOUBLE SOLID LT (FULTON LANE)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 10+16, LT (FULTON LANE)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 10+16, LT (FULTON LANE) - "STOP"

675.50 REMOVING SIGNS
AS SHOWN - +

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - +



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

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I22.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 34 OF 60



PROJECT
LAYOUT
SHEET #22

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 14+50 TO 20+50, SOLID LT & RT

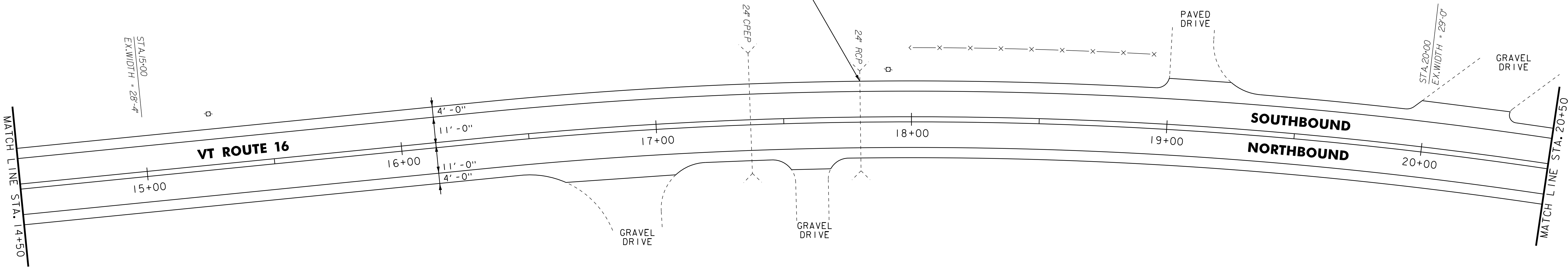
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 14+50 TO 20+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 14+50 TO 20+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 14+50 TO 20+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 17+40 LT & RT
STA. 17+70 LT & RT
STA. 23+45 LT & RT

NO WORK NEEDED
STA. 17+80, LT
SLOPE EROSION REPAIR
SEE MISCELLANEOUS
DETAIL SHEET #2

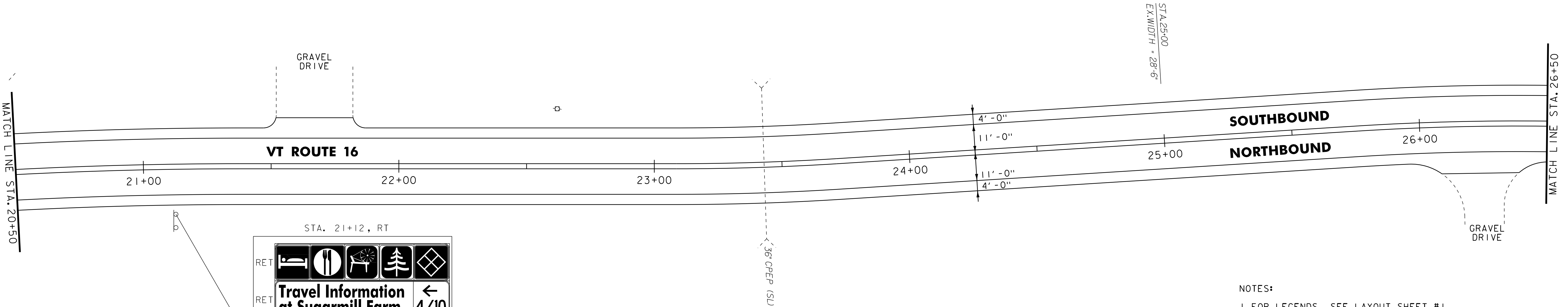


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 20+50 TO 26+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 20+50 TO 26+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 20+50 TO 26+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 20+50 TO 26+50, SOLID LT & RT



STA. 21+12, RT

RET

RET

Travel Information at Sugarmill Farm

← 4/10

0160
1002
0040

RET

RET

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

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #23**

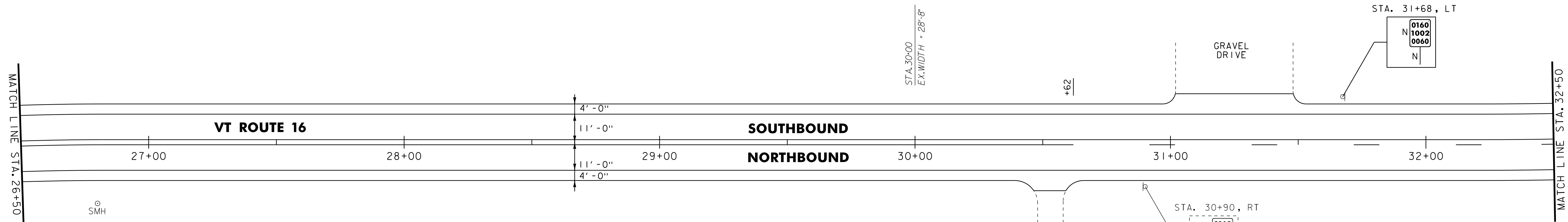
PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I23.i

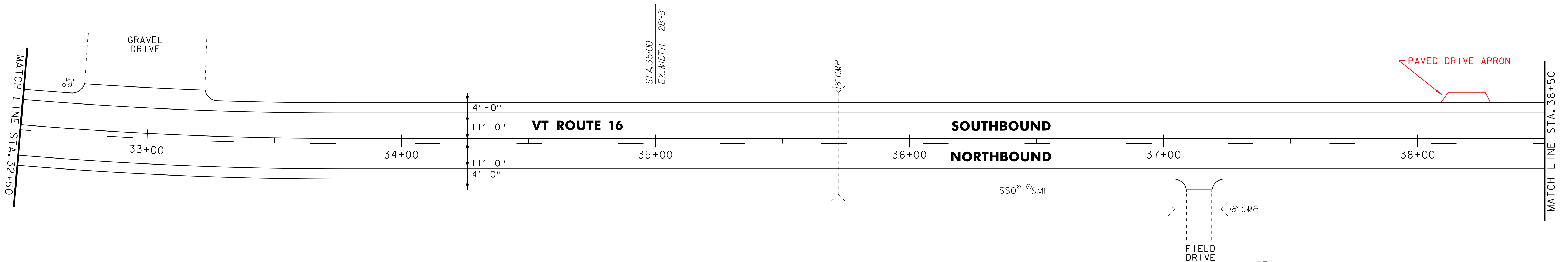
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 35 OF 60

675.50 REMOVING SIGNS
AS SHOWN - 1

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 26+50 TO 30+62, SOLID LT & RT
STA. 30+62 TO 32+50, SOLID LT, DASHED RT



646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 32+50 TO 38+50, SOLID LT, DASHED RT



2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

PROJECT LAYOUT SHEET #24

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I24.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 36 OF 60



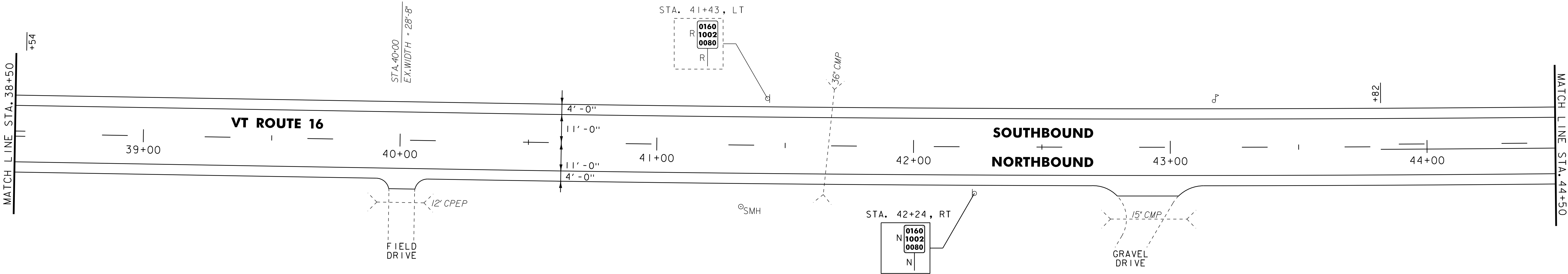
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 38+50 TO 44+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 38+50 TO 38+54, SOLID LT, DASHED RT
STA. 38+54 TO 43+82, DASHED C
STA. 43+82 TO 44+50, DASHED LT, SOLID RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 38+50 TO 44+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 38+50 TO 38+54, SOLID LT, DASHED RT
STA. 38+54 TO 43+82, DASHED C
STA. 43+82 TO 44+50, DASHED LT, SOLID RT

675.50 REMOVING SIGNS
AS SHOWN - 1

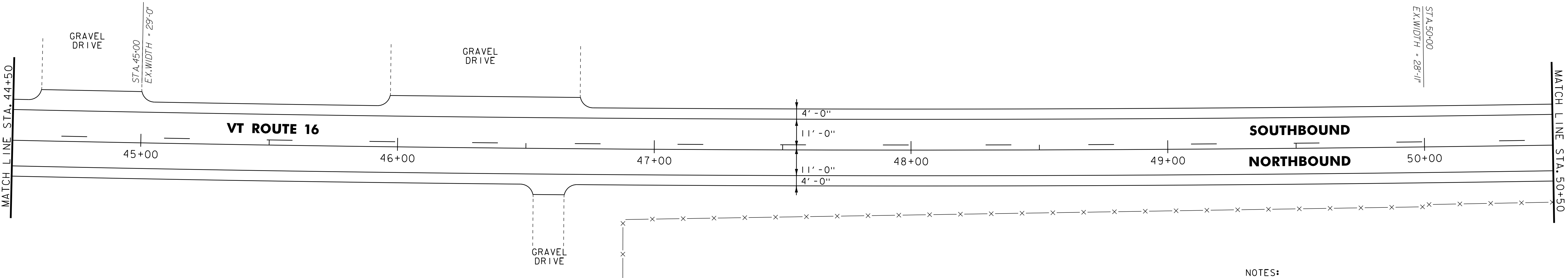


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 44+50 TO 50+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 44+50 TO 50+50, DASHED LT, SOLID RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 44+50 TO 50+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 44+50 TO 50+50, DASHED LT, SOLID RT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #25

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I25.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 37 OF 60

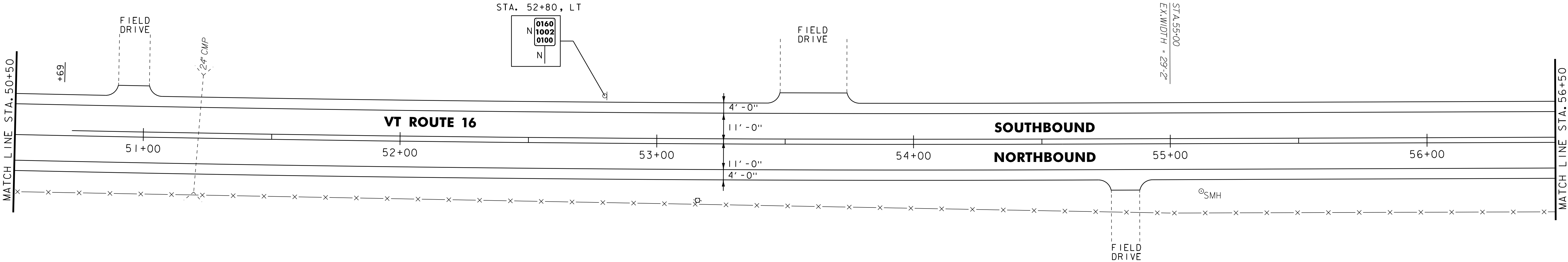
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 50+50 TO 56+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 50+50 TO 50+69, DASHED LT, SOLID RT
STA. 50+69 TO 56+50, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 50+50 TO 56+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 50+50 TO 50+69, DASHED LT, SOLID RT
STA. 50+69 TO 56+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS
STA. 51+30, LT



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #26

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

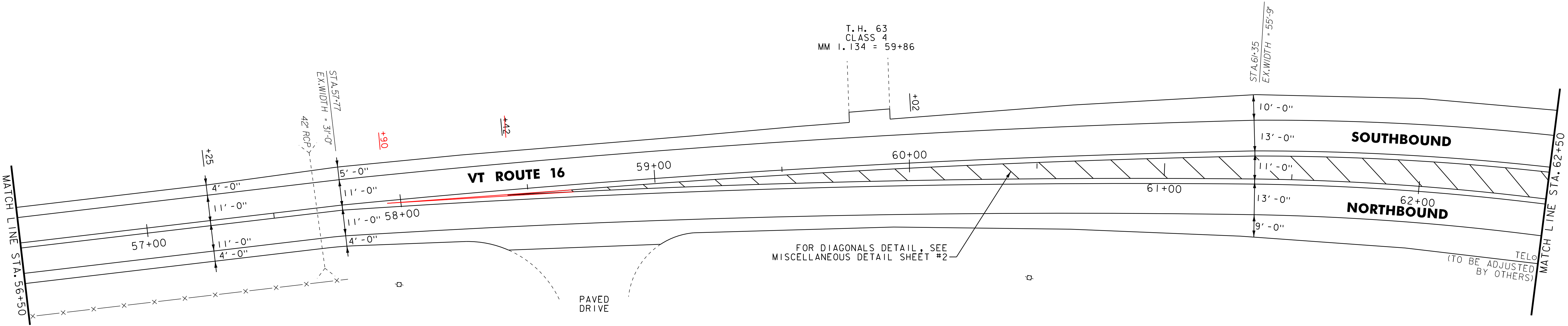
FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I26.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 38 OF 60

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 56+50 TO 62+50, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 56+50 TO 58+42, SOLID LT & RT
STA. 58+42 TO 62+50, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 56+50 TO 62+50, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 56+50 TO 58+42, SOLID LT & RT
STA. 58+42 TO 62+50, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)

619.17 YIELDING MARKER POSTS
STA. 57+65, RT



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

NOT TO SCALE



PROJECT
LAYOUT
SHEET #27

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I27.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 39 OF 60

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 65+37.5 TO ~~67+75.0~~, RT ~~68+0~~, RT
STA. 66+00.5 TO 68+50.0, LT
50.5

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 65+00.0 TO 65+37.5, RT
STA. 65+63.0 TO 66+00.5, LT
~~STA. 67+75.0 TO 68+12.5, RT~~
~~68+0 TO 68+37.5, RT~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 65+06 TO 68+12, RT
STA. 65+67 TO 68+50, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 62+50 TO 68+50, SOLID LT & RT
STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)
STA. 64+00 TO 65+65, SOLID LT (LANE LINE)
STA. 65+65 TO 68+50, DOTTED LT (LANE LINE)
STA. 66+55 TO 68+50, DOTTED RT (LANE LINE)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 62+50 TO 63+60, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)
STA. 64+40 TO 68+50, DOUBLE SOLID RT - LT

646.422 DURABLE 6 INCH WHITE LINE, THERMOPLASTIC

STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)

646.432 DURABLE 6 INCH YELLOW LINE, THERMOPLASTIC

STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC

STA. 63+91, LT (I-91 SB OFF-RAMP)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC

STA. 63+91, LT (I-91 SB OFF-RAMP) - "STOP"
STA. 64+44, LT - ARROW
STA. 65+03, LT - "ONLY"
STA. 65+61, LT - ARROW

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS AND
RADIi FOR SIDE ROADS)
STA. 62+50 TO 68+50, SOLID LT & RT
STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)
STA. 64+00 TO 65+65, SOLID LT (LANE LINE)
STA. 65+65 TO 68+50, DOTTED LT (LANE LINE)
STA. 66+55 TO 68+50, DOTTED RT (LANE LINE)

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 62+50 TO 63+60, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)
STA. 64+40 TO 68+50, DOUBLE SOLID RT - LT

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT

STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT

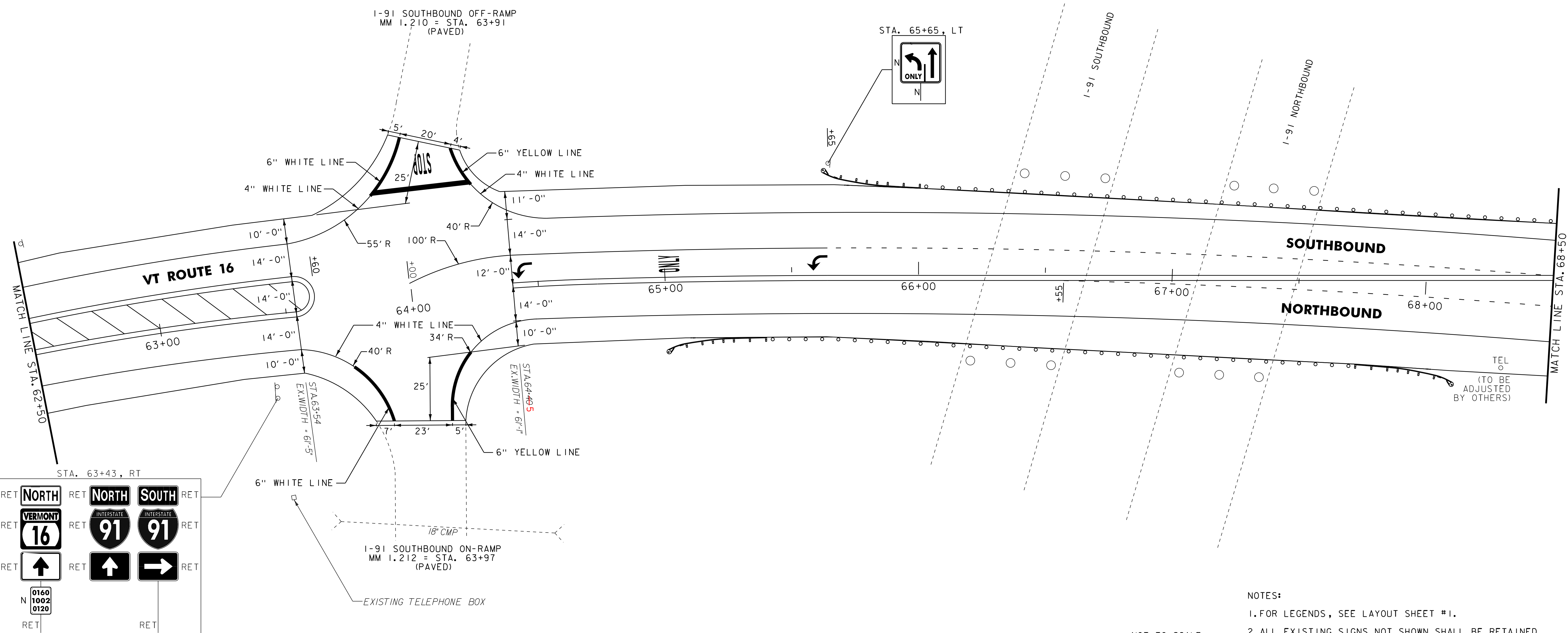
STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT

STA. 63+91, LT (I-91 SB OFF-RAMP)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

STA. 63+91, LT (I-91 SB OFF-RAMP) - "STOP"
STA. 64+44, LT - ARROW
STA. 65+03, LT - "ONLY"
STA. 65+61, LT - ARROW



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

NOT TO SCALE

PROJECT
LAYOUT
SHEET #28

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I28.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 40 OF 60



STEEL BEAM GUARDRAIL, GALVANIZED
STA. 68+50.0 TO 68+50.5, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. 68+50.5 TO 68+88.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 68+50 TO 68+83, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 68+50 TO 68+60, DOTTED RT (LANE LINE)
STA. 68+50 TO 74+50, SOLID LT & RT
STA. 68+60 TO 69+75, SOLID RT (LANE LINE)
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 68+50 TO 69+35, DOUBLE SOLID LT
STA. 70+34 TO 74+50, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)

646.422 DURABLE 6 INCH WHITE LINE, THERMOPLASTIC
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

646.432 DURABLE 6 INCH YELLOW LINE, THERMOPLASTIC
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
STA. 69+88, RT (I-91 NB OFF-RAMP)

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
STA. 68+64, RT - ARROW
STA. 68+98, RT - "ONLY"
STA. 69+31, RT - ARROW
STA. 69+88, RT (I-91 NB OFF-RAMP) - "STOP"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 68+50 TO 68+60, DOTTED RT (LANE LINE)
STA. 68+50 TO 74+50, SOLID LT & RT
STA. 68+60 TO 69+75, SOLID RT (LANE LINE)
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

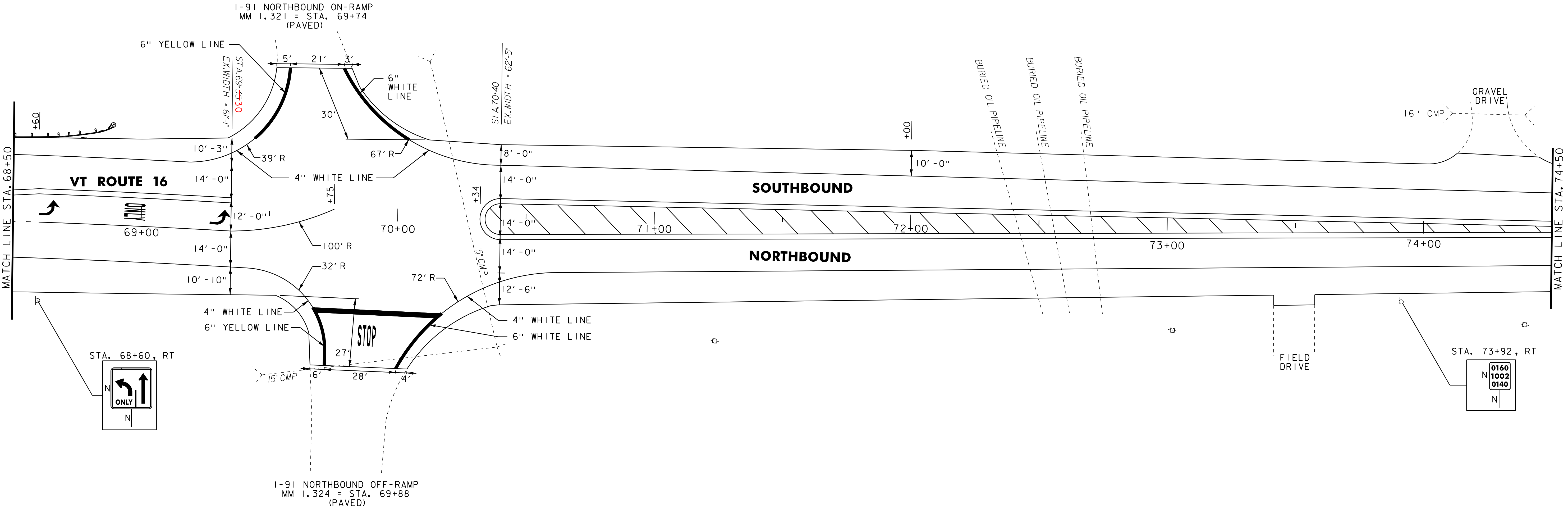
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 68+50 TO 69+35, DOUBLE SOLID LT
STA. 70+34 TO 74+50, DOUBLE SOLID LT & RT (INCLUDING DIAGONALS)

646.622 TEMPORARY 6 INCH WHITE LINE, PAINT
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

646.632 TEMPORARY 6 INCH YELLOW LINE, PAINT
STA. 69+74, SOLID LT (I-91 NORTHBOUND ON-RAMP)
STA. 69+88, SOLID RT (I-91 NORTHBOUND OFF-RAMP)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
STA. 69+88, RT (I-91 NB OFF-RAMP)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
STA. 68+64, RT - ARROW
STA. 68+98, RT - "ONLY"
STA. 69+31, RT - ARROW
STA. 69+88, RT (I-91 NB OFF-RAMP) - "STOP"



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.

2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE



PROJECT
LAYOUT
SHEET #29

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I29.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 41 OF 60

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 74+50 TO 80+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 74+50 TO 75+44, DOUBLE SOLID LT & RT (INCLUDES DIAGONALS)
STA. 75+44 TO 80+50, SOLID LT & RT

619.17 YIELDING MARKER POSTS

STA. 74+65, RT
STA. 81+40, LT & RT
STA. 83+80, LT & RT
STA. 85+80, LT & RT

MATCH LINE STA. 74+50

24" RCP

+90

10' - 0"

+44

75+00

10' - 0"

φ +90

VT ROUTE 16

+95

76+00

4' - 6"

+04

5' - 0"

11' - 0"

11' - 0"

4' - 6"

STA. 76-40
EX. WIDTH = 30'-4"

4' - 0"

11' - 0"

77+00

11' - 0"

4' - 0"

78+00

79+00

80+00

SOUTHBOUND

NORTHBOUND

BITUMINOUS GUTTER

MATCH LINE STA. 80+50

STA. 80-00
EX. WIDTH = 30'-1"

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 80+50 TO 86+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 80+50 TO 86+50, SOLID LT & RT

Plan view of a proposed 11' wide concrete travel lane on an existing 18' wide PCCSP. The drawing shows the layout for Southbound and Northbound traffic, including stationing from STA. 80+50 to STA. 86+50, existing underdrains, and proposed gutter and shoulder widths. A sign for "VT ROUTE 16" is shown at STA. 84+48. Notes specify that the drawing is not to scale and that existing signs should be retained.

NOT TO SCALE



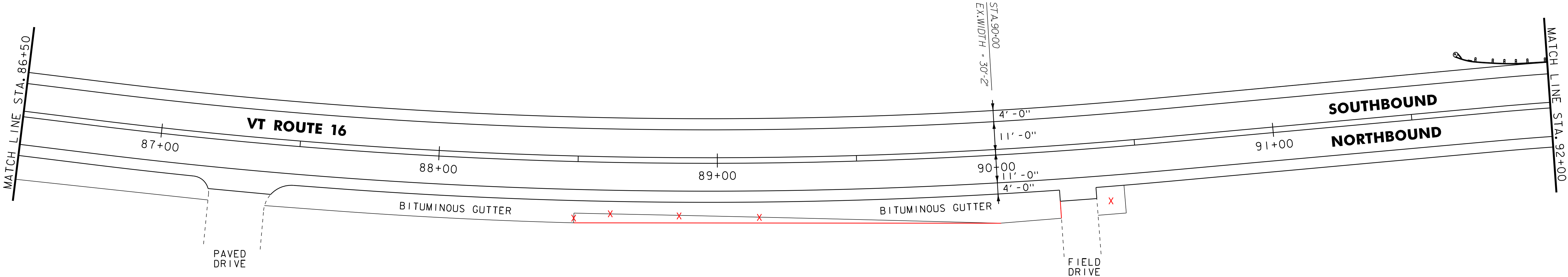
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 42 OF 60

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 86+50 TO 87+19, RT 17
STA. 87+39 TO 90+45, RT 39
(SEE DETAIL ON MISCELLANEOUS DETAIL SHEET #2)

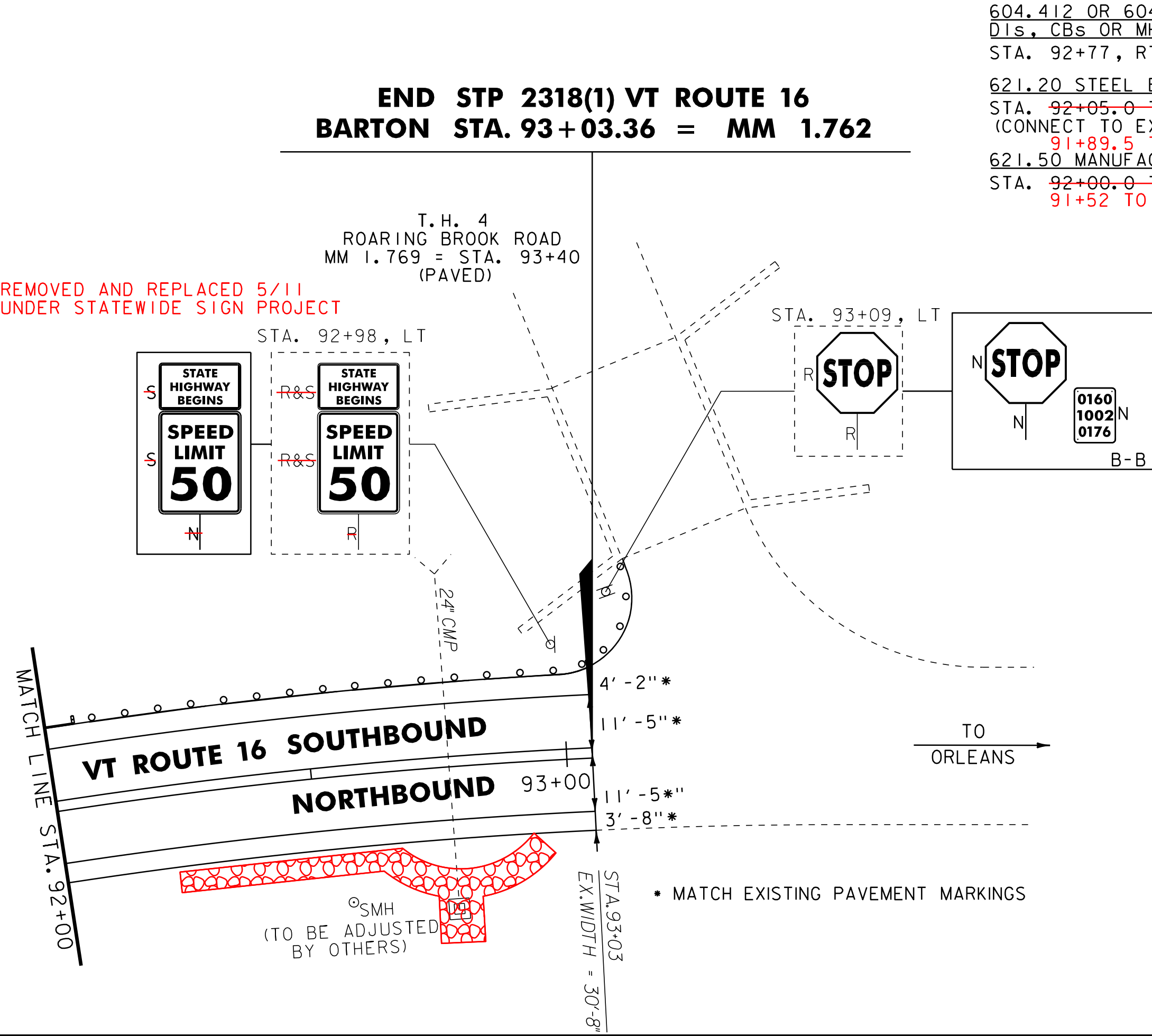
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. ~~91+67.5 TO 92+00.0, LT~~
~~91+52 TO 91+89.5, LT~~
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 91+62 TO 92+00, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 86+50 TO 92+00, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 86+50 TO 92+00, SOLID LT & RT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 86+50 TO 92+00, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 86+50 TO 92+00, SOLID LT & RT



END STP 2318(1) VT ROUTE 16
BARTON STA. 93+03.36 = MM 1.762



604.412 OR 604.415 REHAB.
Dis. CBs OR MHS, CLASS I OR II
STA. 92+77, RT
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. ~~92+05.0 TO 93+12.0, LT~~
(CONNECT TO EXISTING SB GUARDRAIL)
~~91+89.5 TO 93+16.5~~
621.50 MANUFACTURED TERMINAL SECTION, FLARED
STA. ~~92+00.0 TO 92+05.0, LT~~
~~91+52 TO 91+89.5~~

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 92+00 TO 93+12, LT
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 92+00 TO 93+03, SOLID LT & RT
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 92+00 TO 93+03, SOLID LT & RT
621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 93+16.5, LT

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 92+00 TO 93+03, SOLID LT & RT
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 92+00 TO 93+03, SOLID LT & RT
619.17 YIELDING MARKER POSTS
STA. 92+70, LT & RT

675.50 REMOVING SIGNS
AS SHOWN - ~~3~~ 1
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2
613.10 STONE FILL, TYPE I
STA. 92+25 TO 92+96, RT

- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

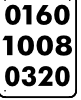
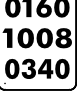
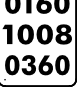
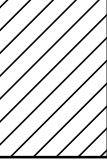
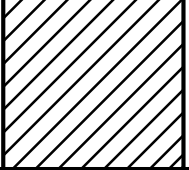
PROJECT
LAYOUT
SHEET #31



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I32I

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 43 OF 60

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 01																																
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN	S ALV AGE	NO. OF POST S	NEW SIGN POSTS																			REMARKS										SIGN DETAIL	
												FLANGED CHANNEL				SQUARE STEEL (in)				TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL														RE QUI RED FR AME S IG NE	DE TA IL ON S HE ET N UM BER
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS				1.75	2.0	2.5	A N C H O R	S L E E V E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE														
																									24"	30"																
																													1.2	2.0	3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8		
GLOVER										OPTION ITEMS																																
158+40, LT RT		I	6	10	0.42						I				X			X																E-138								
											I				X			X																E-138								
168+96, RT		I	6	10	0.42						I				X			X																E-138								
											I				X			X																E-134								
173+55, RT		I	6	8	0.33						I				X			X												VD-701				E-134								
											I				X			X																E-134								
174+04, LT		I	6	8	0.33						I				X			X												VD-701				E-138								
											I				X			X																E-138								
179+52, LT		I	6	10	0.42						I				X			X																E-138								
											I				X			X																E-138								
190+08, RT		I	6	10	0.42						I				X			X																E-138								
											I				X			X																E-134								
194+97, RT		I	6	8	0.33						I				X			X												VD-701				E-134								
											I				X			X																E-134								
195+21, LT		I	6	8	0.33						I				X			X												VD-701				E-134								
											I				X			X																E-134								
												FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB							PROJECT NAME: GLOVER - BARTON PROJECT NUMBER: STP 2318(I)								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."					TOTALS	SF 3.00	SF	EA.	SF		FT	FT 64				LB				EA.	LB				EA.	EA.	LB			FILE NAME: p01b034.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p01b034tss01.i				PLOT DATE: 28-NOV-2012 15:00 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 44 OF 60								

[illegible]

[illegible]

STATE OF VERMONT AGENCY OF TRANSPORTATION										TRAFFIC SIGN SUMMARY SHEET 05																																																																																																																																																																																																																																																																																																																																																																																																																																															
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN S AL V A G E	NO. OF P O S T S	NEW SIGN POSTS																				RE Q U I R E D S I G N E D	REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																								
											FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																												
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft			lb/ft			lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	lb

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 06

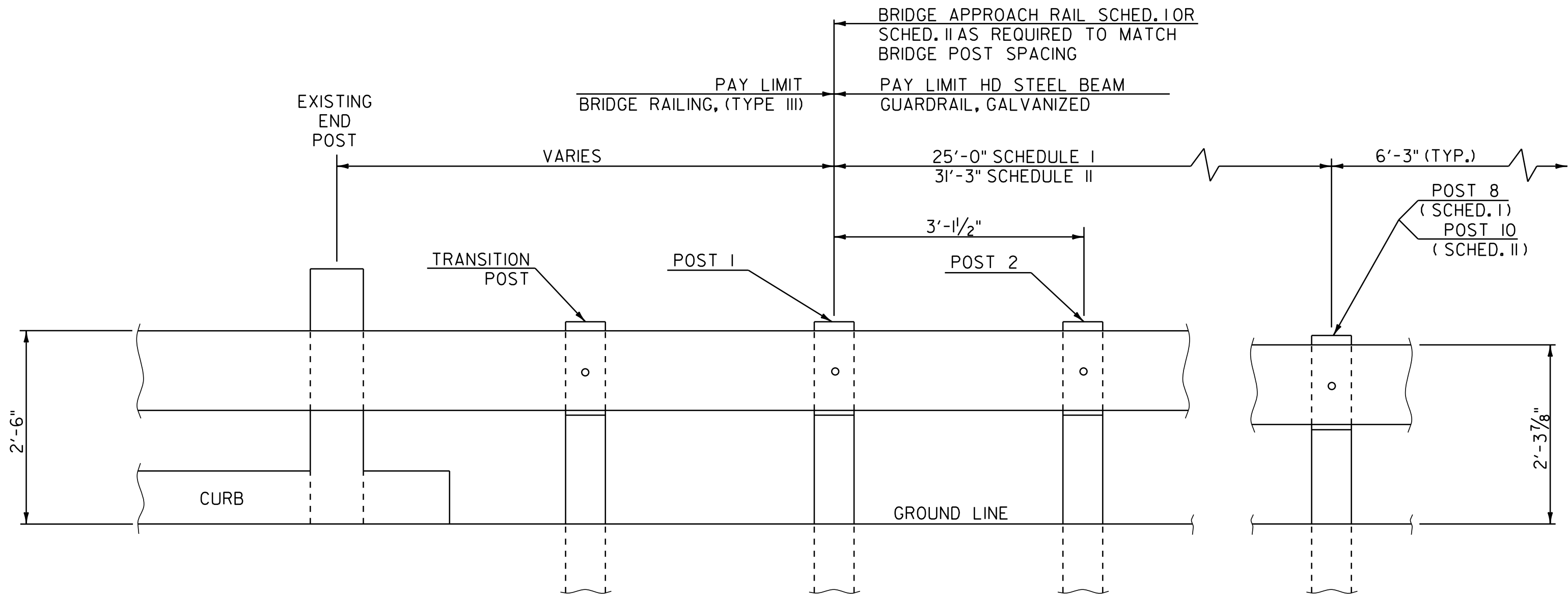
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN S ALV AGE	NO. OF POST S	NEW SIGN POSTS																				RE QUI RED FR AME S	REMARKS	SIGN DETAIL					
											FLANGED CHANNEL		SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER										
		E A	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS			1.75	2.0	2.5	A N C H O R	S L E E V E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT			POST SIZE									
																								lb/ft	lb/ft					lb/ft			24"	30"				
											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												
BARTON (CONT.)																																						
31+68, LT		I	6	10	0.42					I				X			X																			E-138		
										I																												
42+24, RT		I	6	10	0.42					I				X			X																			E-138		
										I																												
52+80, LT		I	6	10	0.42					I				X			X																			E-138		
										I																												
63+43, RT		I	6	10	0.42				I																										MOUNT NEW SIGN ON EXISTING POST CLOSEST TO THE ROADWAY AND BELOW VT ROUTE 16 SIGN	E-138		
										I																												
65+65, LT		I	30	30	6.25					I				X			X																	VR-921		E-145A		
										I																												
68+60, RT		I	30	30	6.25					I				X			X																	VR-921		E-145A		
										I																												
73+92, RT		I	6	10	0.42					I				X			X																			E-138		
										I																												
84+48, LT		I	6	10	0.42					I				X			X																			E-138		
										I																												
											FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB													
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."														40			30																					
														70				LB				EA.	LB				EA.	EA.	LB									

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 (LF)	525.40 (LF)	525.60 (LF)	529.25 (CY)	REMARKS
LOCATION: GLOVER								
206+35.0 - 206+85.0	RT	15	8"	50		50		
206+37.0 - 206+87.0	LT	15	8"	50		50		
315+31.0 - 315+97.0	LT	18						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
315+68.0 - 316+34.0	RT	18						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
339+82.0 - 340+53.0	RT	19						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
340+04.0 - 340+75.0	LT	19						ALL EXISTING BRIDGE RAIL IS TO BE RETAINED
SUBTOTALS				100		100		
ROUNDING				-		-		
TOTAL				100		100		

GENERAL NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-I FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
8. ALL BRIDGE POSTS, HEAVY DUTY STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
9. ALL STEEL POSTS, PLATES, OFFSET BLOCKS AND FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH SUBSECTION 732.04, UNLESS OTHERWISE NOTED, AND SHALL BE GALVANIZED AFTER FABRICATION TO CONFORM TO AASHTO M 111M/M111 OR AASHTO M 232M/M232.
10. SEE STANDARD SHEET G-I FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
11. NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.



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

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 18'-9"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	3'-1 1/2"	
6	3'-1 1/2"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP.)	
II	6'-3" (TYP.)	1.0 (TYP.)
TOTAL PAY LENGTH = 41' - 3"		

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

BRIDGE APPROACH RAILING

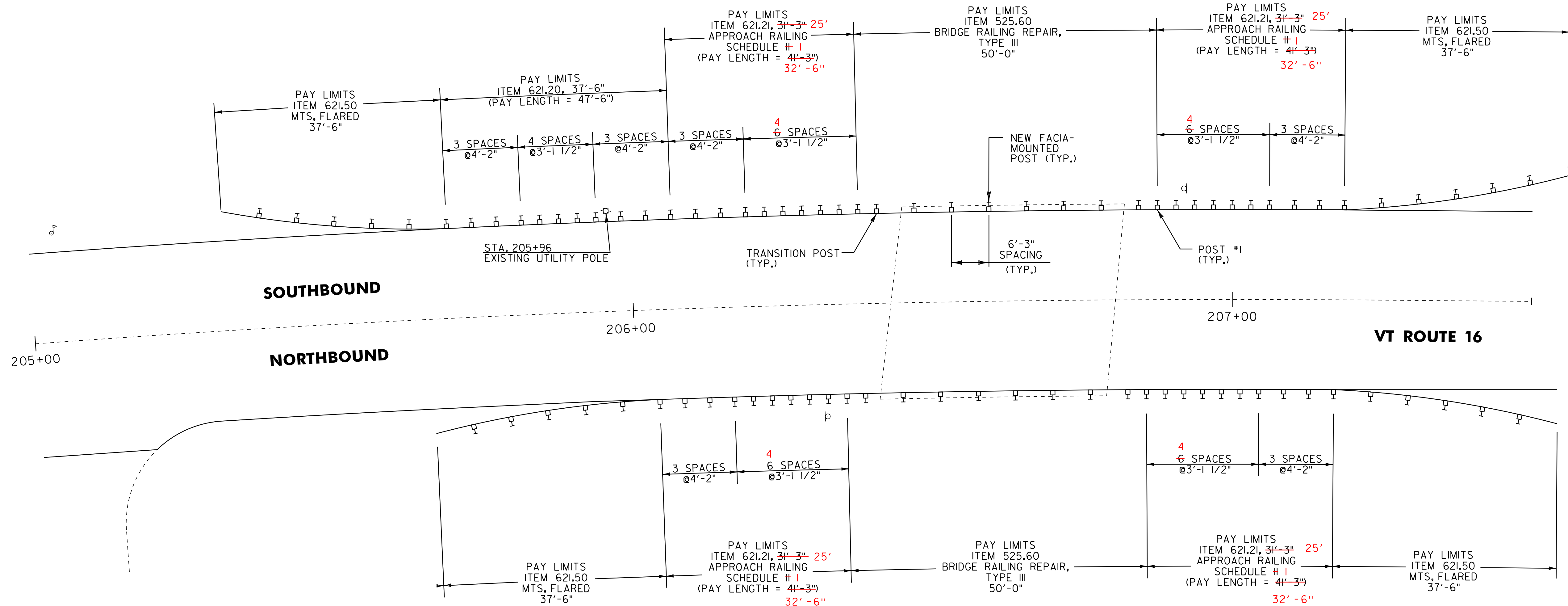
NOT TO SCALE



BRIDGE DETAIL SHEET #1

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: p01b034bds01.i	SHEET 51 OF 60



BR 15 GLOVER MM 3.913 = STA. 206+62

NOTES

1. SEE VAOT STANDARD SHEETS G-1 AND G-1d FOR ADDITIONAL DETAILS.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE GALVANIZED HD STEEL BEAM FOR AT LEAST 25' FROM THE ENDS OF THE BRIDGE.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
5. SEE VAOT STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.

NOT TO SCALE

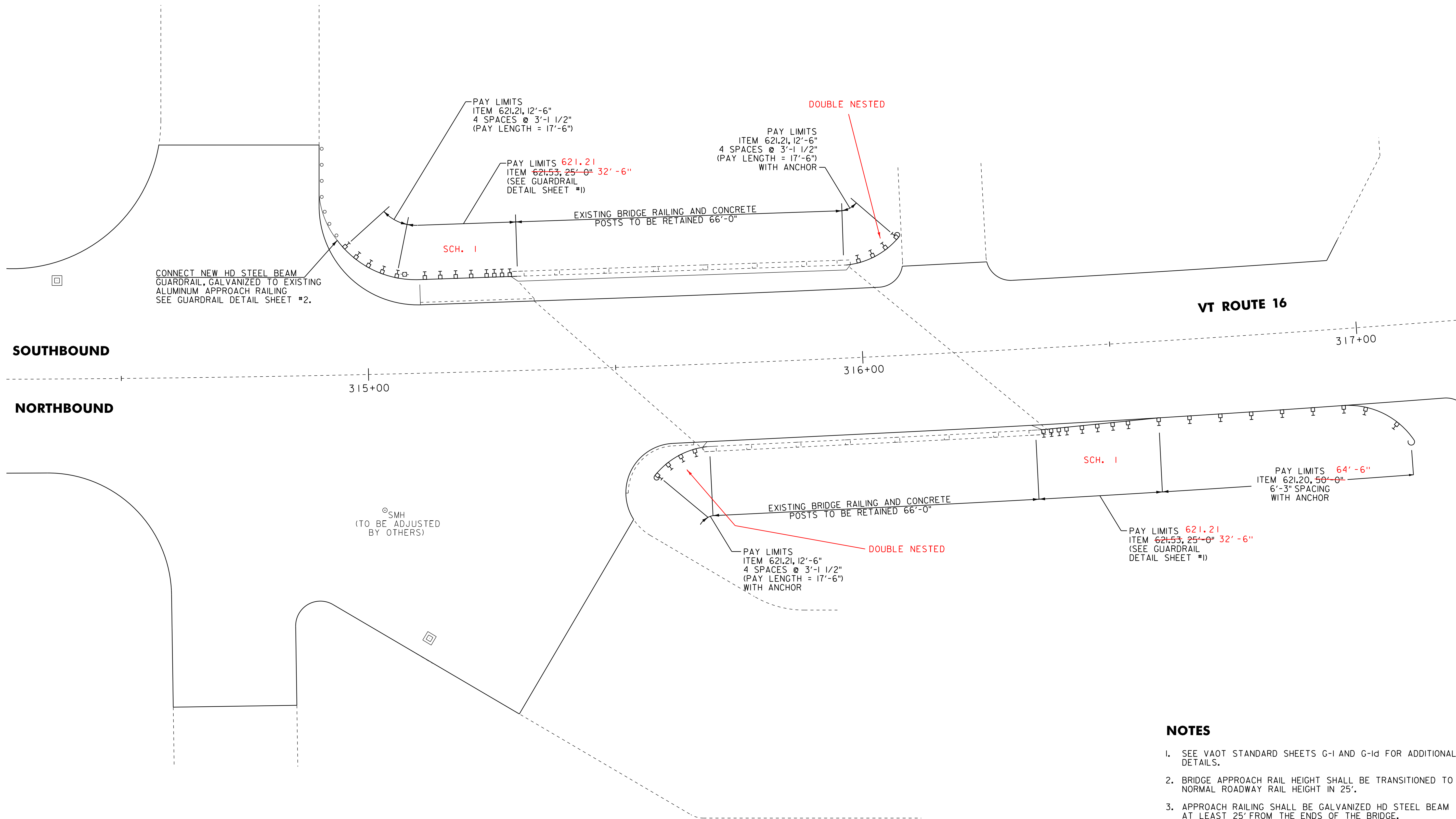
BRIDGE
DETAIL SHEET
#2



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034bds02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 52 OF 60



BR 18 GLOVER MM 5.982 = STA. 315+84

NOT TO SCALE

BRIDGE
DETAIL SHEET
#3



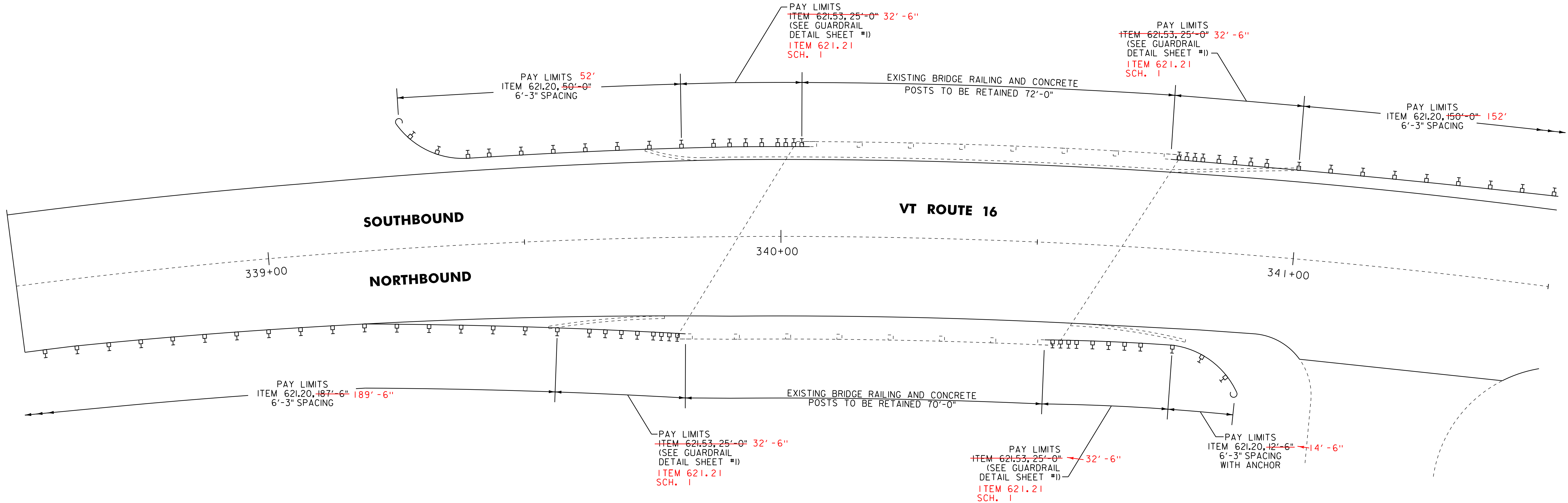
PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034bds03.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 53 OF 60

NOTES

1. SEE VAOT STANDARD SHEETS G-1 AND G-1d FOR ADDITIONAL DETAILS.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE GALVANIZED HD STEEL BEAM FOR AT LEAST 25' FROM THE ENDS OF THE BRIDGE.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
5. SEE VAOT STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.



BR 19 GLOVER MM 6.445 = STA. 340+28

NOTES

1. SEE VAOT STANDARD SHEETS G-1 AND G-1d FOR ADDITIONAL DETAILS.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE GALVANIZED HD STEEL BEAM FOR AT LEAST 25' FROM THE ENDS OF THE BRIDGE.
4. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
5. SEE VAOT STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.

NOT TO SCALE

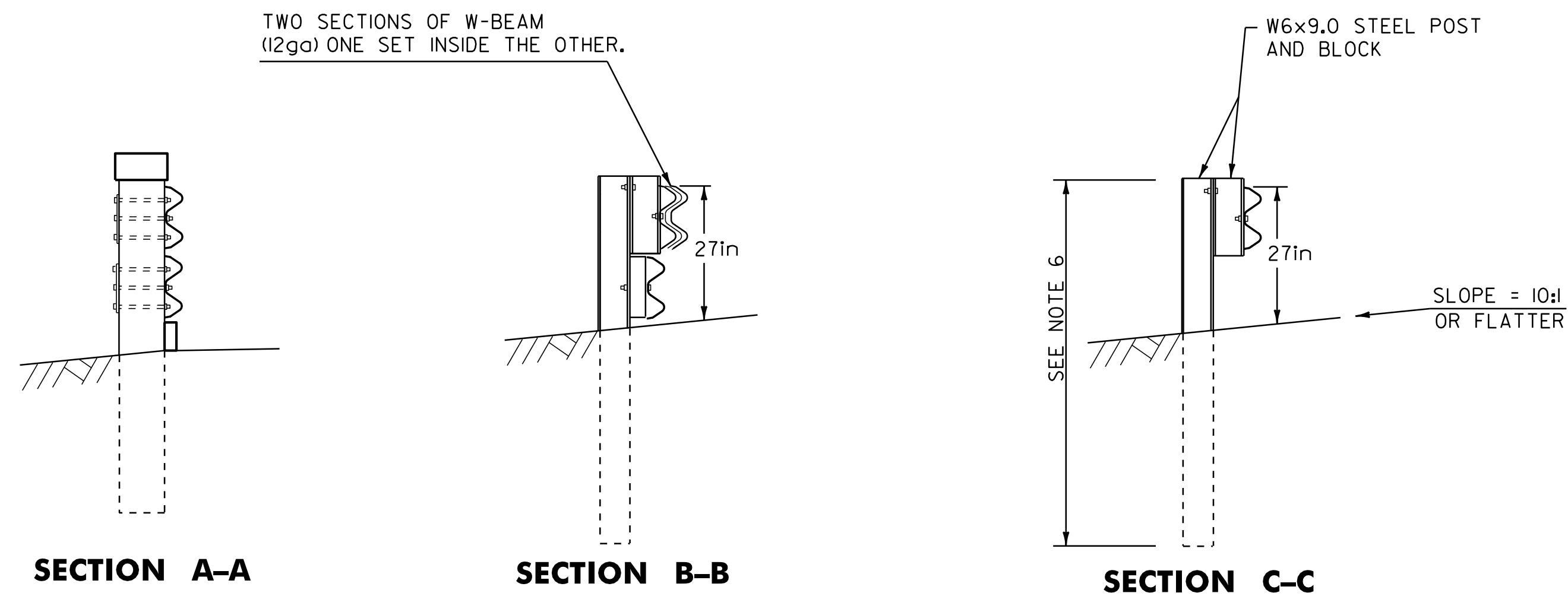
**BRIDGE
DETAIL SHEET
#4**



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

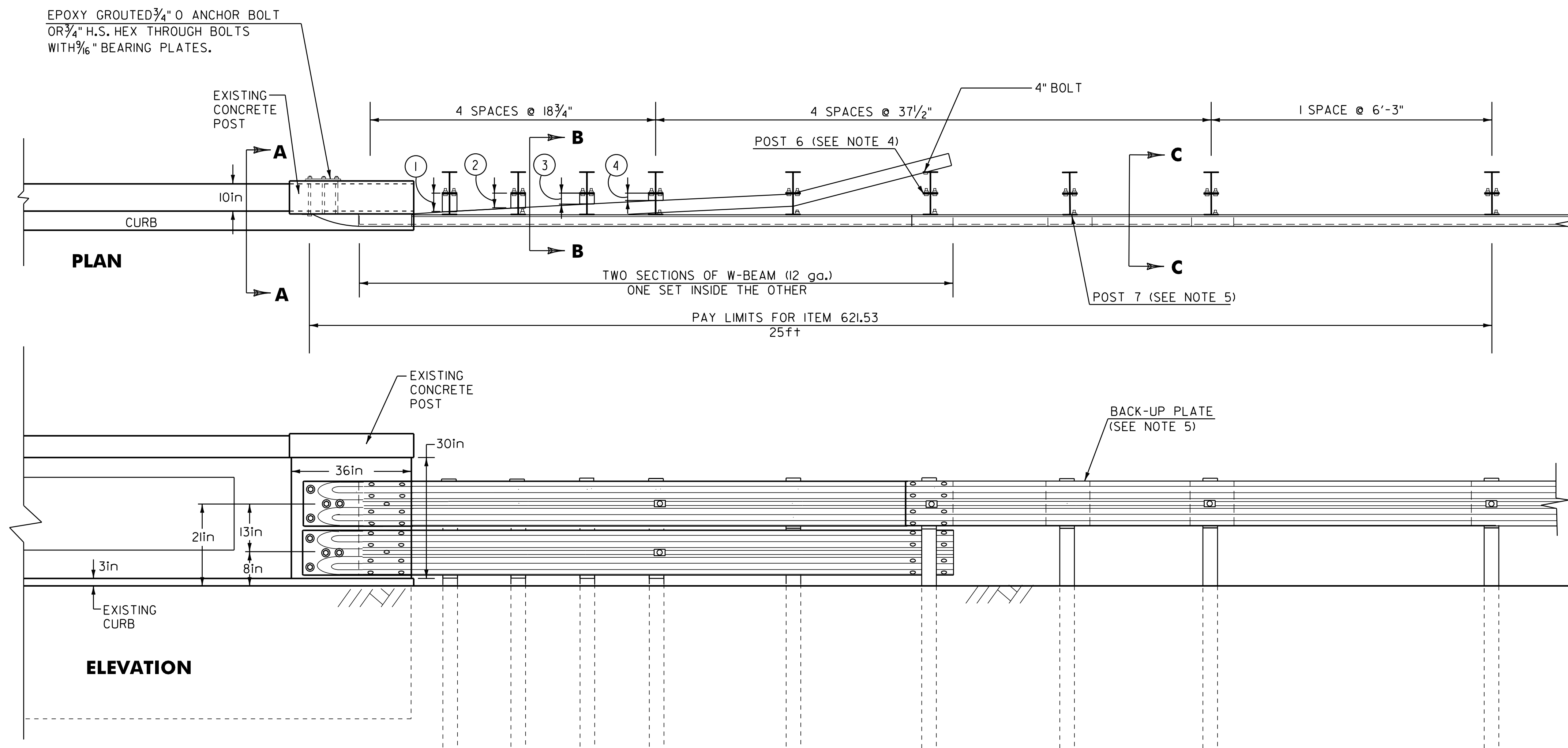
FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034bds04.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 54 OF 60



NOTES

1. THIS GUARD RAIL TRANSITION IS FOR CONNECTION TO A VERTICAL CONCRETE BRIDGE AND SHOULD NOT BE CONNECTED DIRECTLY TO A CONCRETE SAFETY SHAPE.
2. BOTTOM BEAM BLOCKS ARE OFFSET DRILLED TO SIT SQUARELY ON THE POST FLANGE. BLOCKS ARE ATTACHED WITH $\frac{3}{16}$ " CARRIAGE BOLTS.
3. THE RUBRAIL MAY BE SHOP BENT IN THE LAST 3 FEET TO FACILITATE INSTALLATION.
4. POSTS 1, 2, 3, 4, AND 6 REQUIRE AN ADDITIONAL HOLE TO ATTACH LOWER BLOCKS AND OR LOWER BEAM.
5. AT POST 7, BACK-UP PLATE BOLTED TO BLOCK ONLY.
6. POSTS WILL BE 6 FT STEEL POSTS.



BOTTOM BEAM WOOD BLOCKS	
14" x 4 1/2"	
POST #	THICKNESS
①	5in
②	4in
③	3in
④	2in

TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL

NOT TO SCALE

GUARDRAIL DETAIL SHEET #1



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034gds01.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 55 OF 60

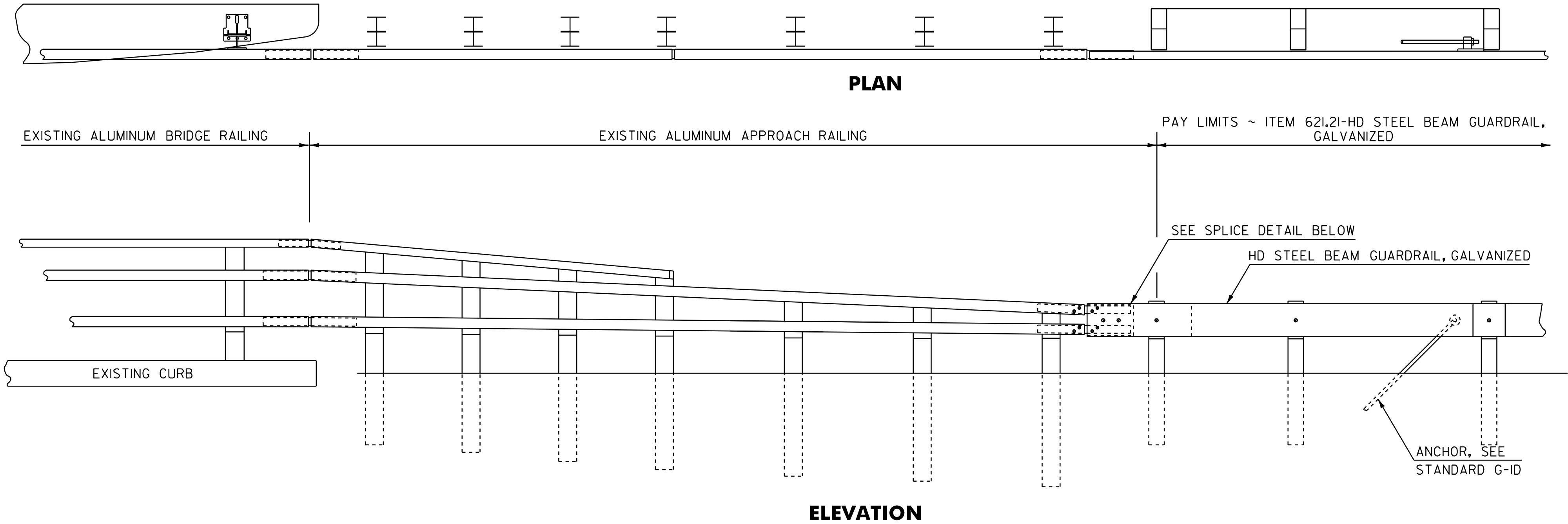
NOTES

1. ALL STRUCTURAL STEEL SHALL BE ASTM A36 AND GALVANIZED AFTER FABRICATION.
2. ANCHOR BOLTS, WASHERS AND HEAVY HEX NUTS MAY BE ANY OF THE FOLLOWING:

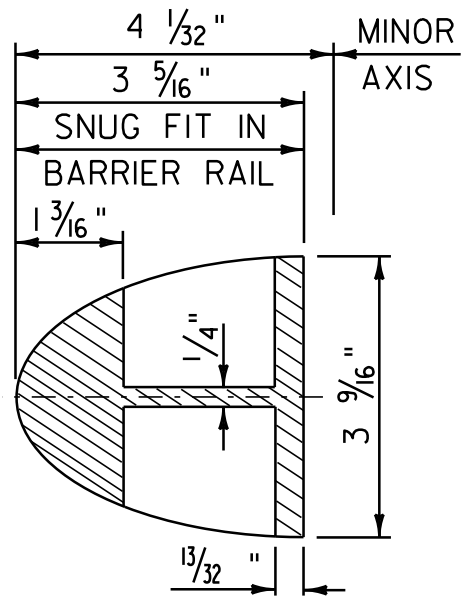
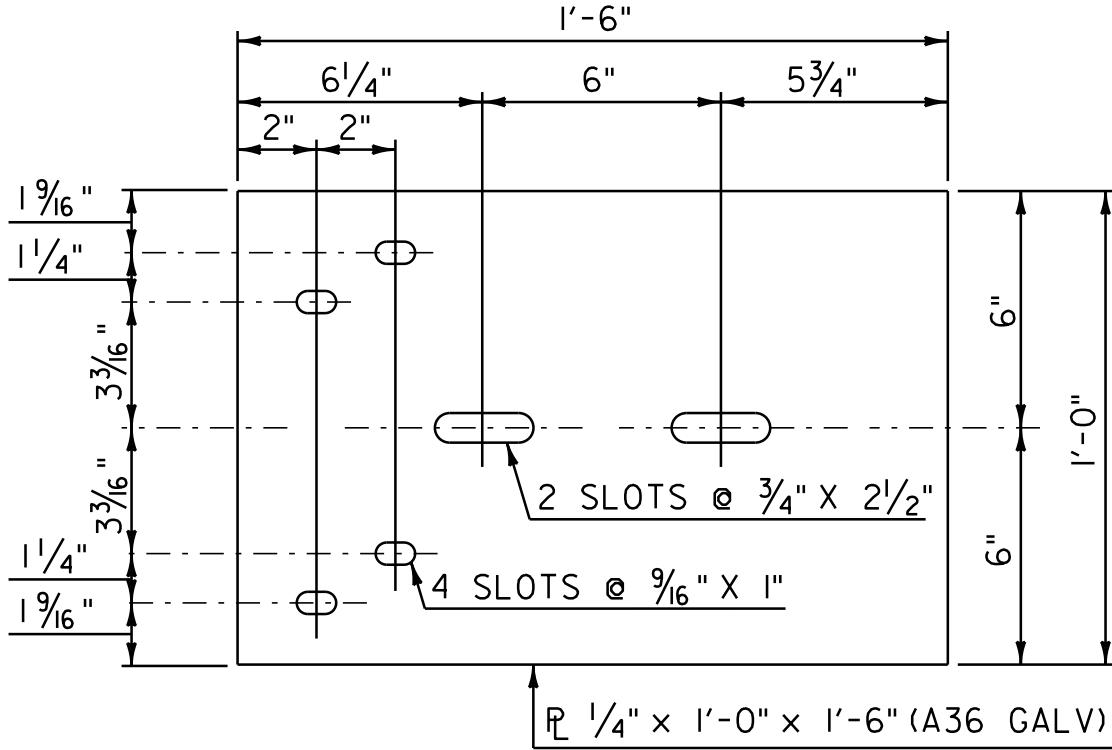
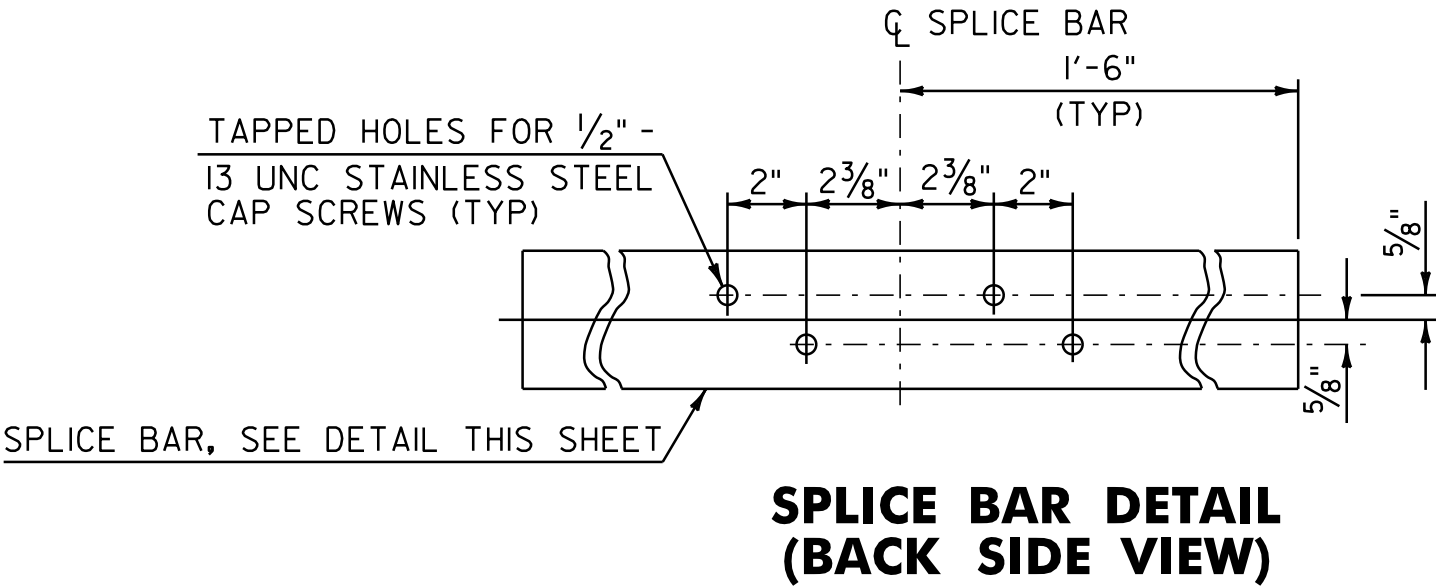
A. ASTM A449 GALVANIZED, OR

B. AASHTO M164 (ASTM A325) GALVANIZED

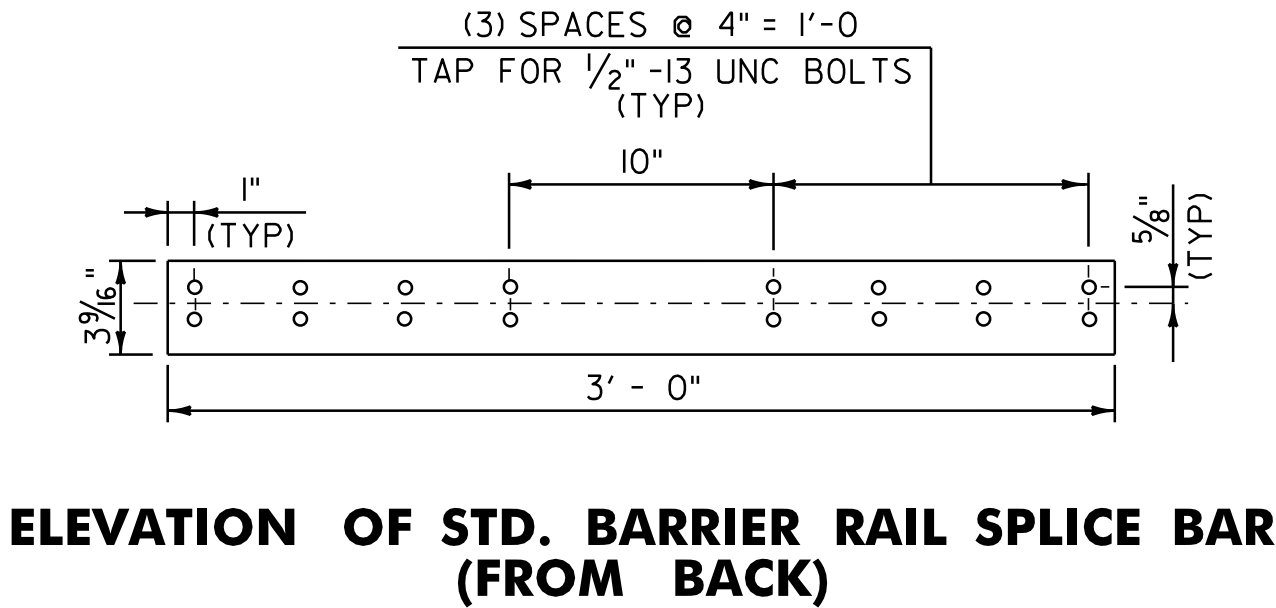
C. BOLTS AND WASHERS OF STAINLESS STEEL ASTM A276, TYPE 304 (MINIMUM ULTIMATE STRENGTH OF 100,000 PSI) WITH STAINLESS STEEL NUTS OF ASTM A194, GRADE 8NA.
3. ALL ITEMS NOT OTHERWISE INDICATED SHALL MEET THE SPECIFICATION REQUIREMENTS OF THE STANDARD SHEETS ON WHICH THEY ARE DETAILED.
4. SEE STANDARD G-1 FOR STEEL BEAM GUARDRAIL DETAILS.
5. THE COST OF ALL MATERIALS AND LABOR FOR THE SPLICE BETWEEN THE EXISTING ALUMINUM APPROACH RAILING AND THE HD STEEL BEAM GUARDRAIL, GALVANIZED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED.



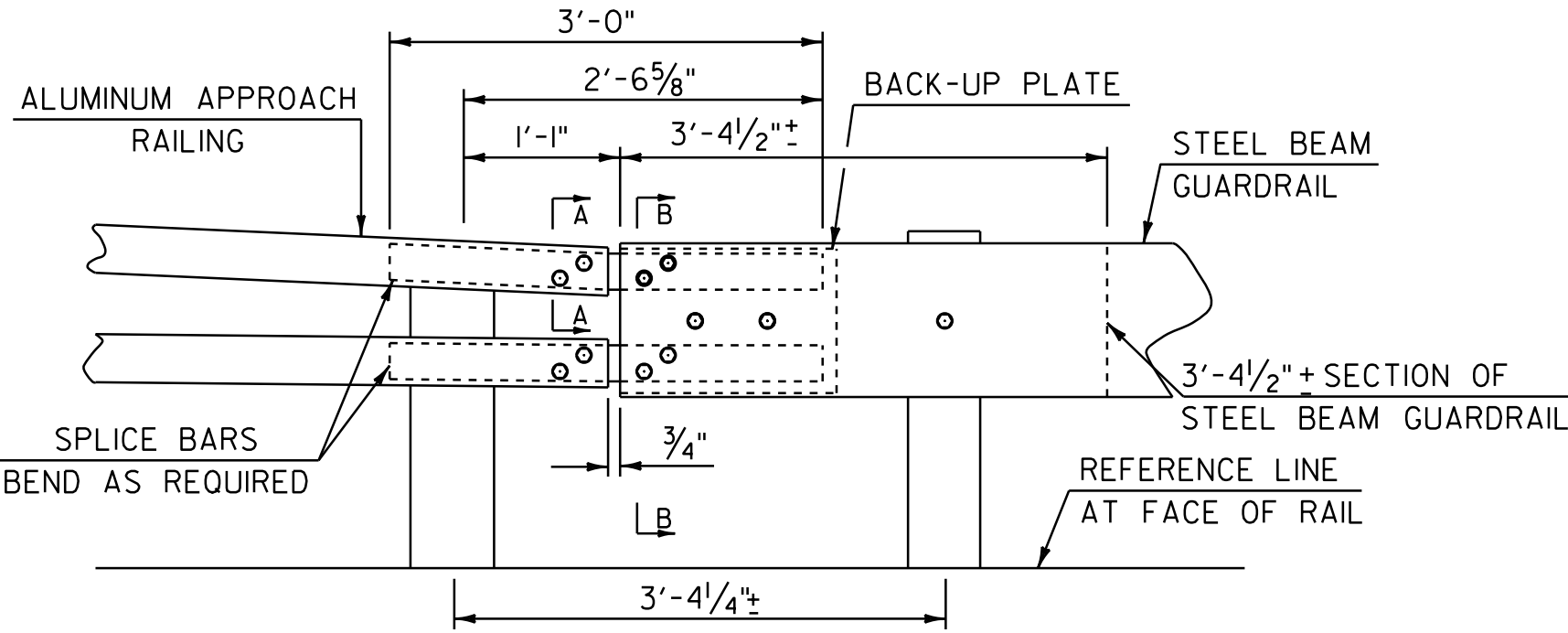
DETAIL FOR CONNECTING EXISTING ALUMINUM APPROACH RAIL TO PROPOSED HD STEEL BEAM GUARDRAIL, GALVANIZED AT BRIDGE NO. 18



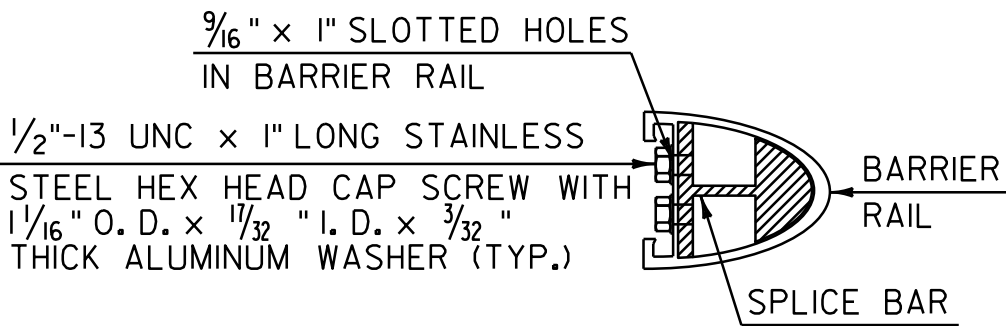
BARRIER RAIL SPLICE SECTION



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

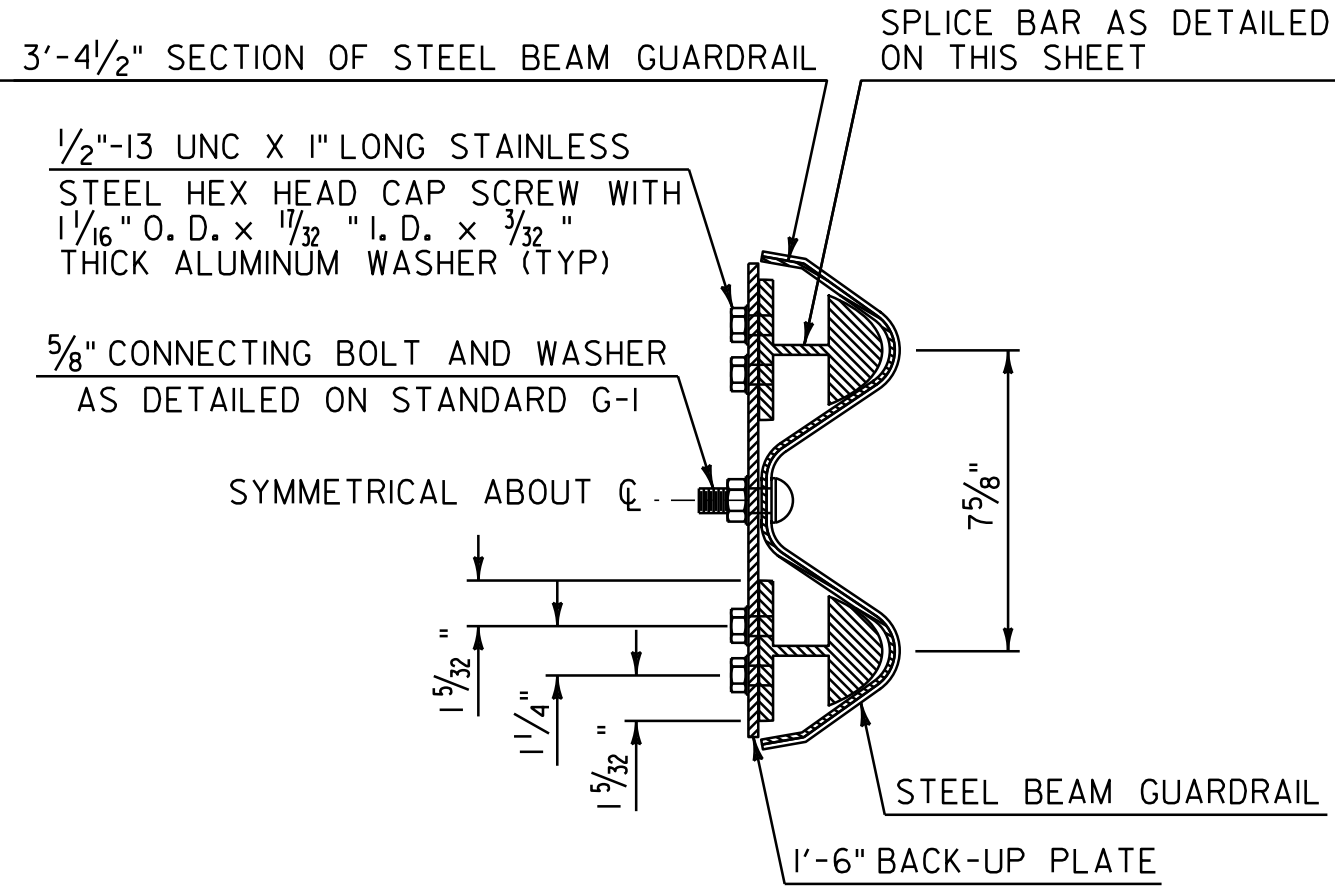


SPLICE DETAIL



SECTION A - A

BACK-UP PLATE DETAIL



SECTION B - B

NOT TO SCALE

GUARDRAIL
DETAIL
SHEET #2



PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034gds02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 56 OF 60

EXISTING CULVERT INVENTORY TABLE

STATION	CULVERT SIZE	CULVERT MATERIAL	COMMENT
GLOVER			
152+75	18"	RCP	
156+50	48"	CMP	BR #12
160+66	15"	RCP	
173+83	72"	CMP	BR #13
182+27	36"	BOX	
195+09	72"	BOX	BR #14
215+01	18"	CMP	NO PIPE
225+01	18"	CMP	
228+14	18"	CMP	
233+20	18"	CMP	
236+27	18"	RCP	
238+79	60"	CMP	BR #16
265+53	48"	CMP	BR #17
273+37	15"	RCP	
287+07	48"	CMP	
288+06	18"	CMP	
290+43	30"	CMP	
292+52	18"	CMP	
294+08	24"	CMP	
295+33	36"	CMP	
298+03	24"	CMP	
299+54	15"	CMP	
303+12	12"	CMP	
320+14	15"	CMP	
325+24	18"	CMP	
326+70	6"	CMP	
343+66	18"	CMP	
345+97	18"	CMP	
349+20	12"	CMP	
352+42	48"	CMP	

STATION	CULVERT SIZE	CULVERT MATERIAL	COMMENT
BARTON			
4+13	24"	CMP	
8+39	24"	CMP	
13+98	18"	CMP	
17+37	24"	CPEP	
17+80	24"	RCP	
23+43	36"	CPEP(SL)	
35+72	18"	CMP	
41+67	36"	CMP	
51+22	24"	CMP	
57+67	42"	RCP	
70+27	15"	CMP	
74+65	24"	RCP	
81+40	18"	PCCSP	
83+86	18"	PCCSP	
85+90	18"	PCCSP	
92+77	24"	CMP	

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

(ITEM 604.412 OR 604.415)

STATION	POSITION	DESCRIPTION
GLOVER		
298+15	RT	DI
299+44	RT	DI
301+35	RT	DI
303+12	LT	DI
303+12	RT	DI
304+35	LT	DI
304+35	RT	DI
305+51	RT	DI
305+59	LT	DI
306+82	RT	DI
307+32	LT	DI
309+50	RT	DI
309+70	LT	DI
310+41	RT	DI
311+85	RT	DI
311+96	LT	DI
313+11	RT	DI
313+38	LT	DI
313+98	RT	DI
314+37	LT	DI
315+11	RT	DI
317+97	LT	DI
320+06	LT	DI
322+84	LT	DI
325+17	LT	DI
345+97	RT	DI
BARTON		
81+40	RT	DI
83+86	RT	DI
85+90	RT	DI
86+27	RT	DI
92+77	RT	DI

NOT TO SCALE



CULVERT & STRUCTURE INVENTORY SHEET

PROJECT NAME: GLOVER - BARTON

PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn

PROJECT LEADER: JLL

DESIGNED BY: STANTEC

IPARM FILE: p01b034csd.i

PLOT DATE: 28-NOV-2012 15:0

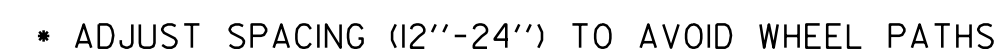
DRAWN BY: STANTEC

CHECKED BY: STANTEC

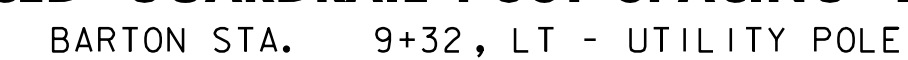
SHEET 57 OF 60



GLOVER STA. 238+07, LT - UTILITY POLE
GLOVER STA. 297+79, LT - UTILITY POLE
GLOVER STA. 323+65, RT - UTILITY POLE



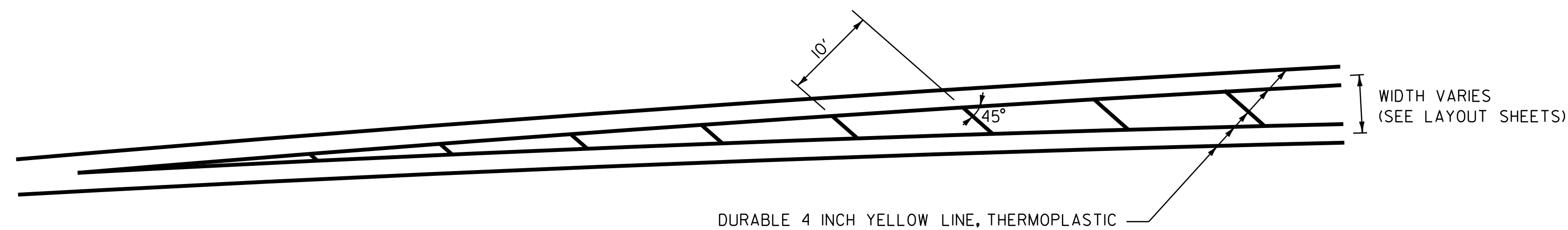
SEE LAYOUT SHEETS FOR LOCATIONS.
ALL BLOCK PATTERN CROSS WALKS SHALL BE
INSTALLED PARALLEL WITH WHEEL PATHS.



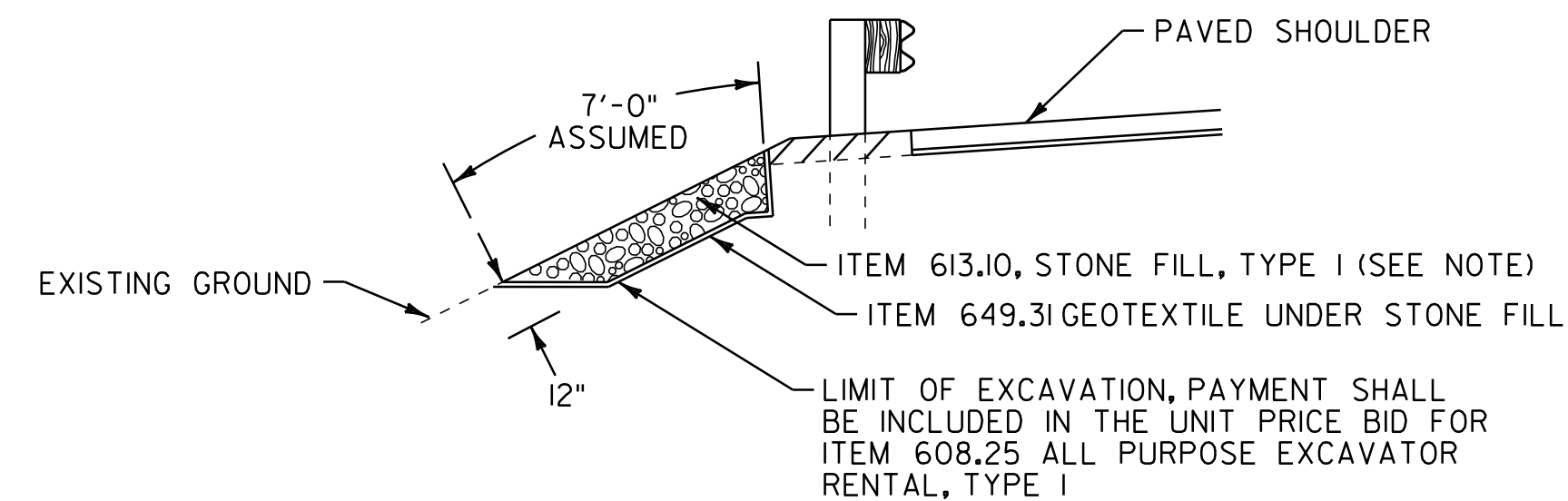
MISCELLANEOUS DETAIL SHEET #1

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 58 OF 60





GORE MARKING DETAIL
SEE LAYOUT SHEETS FOR LOCATIONS



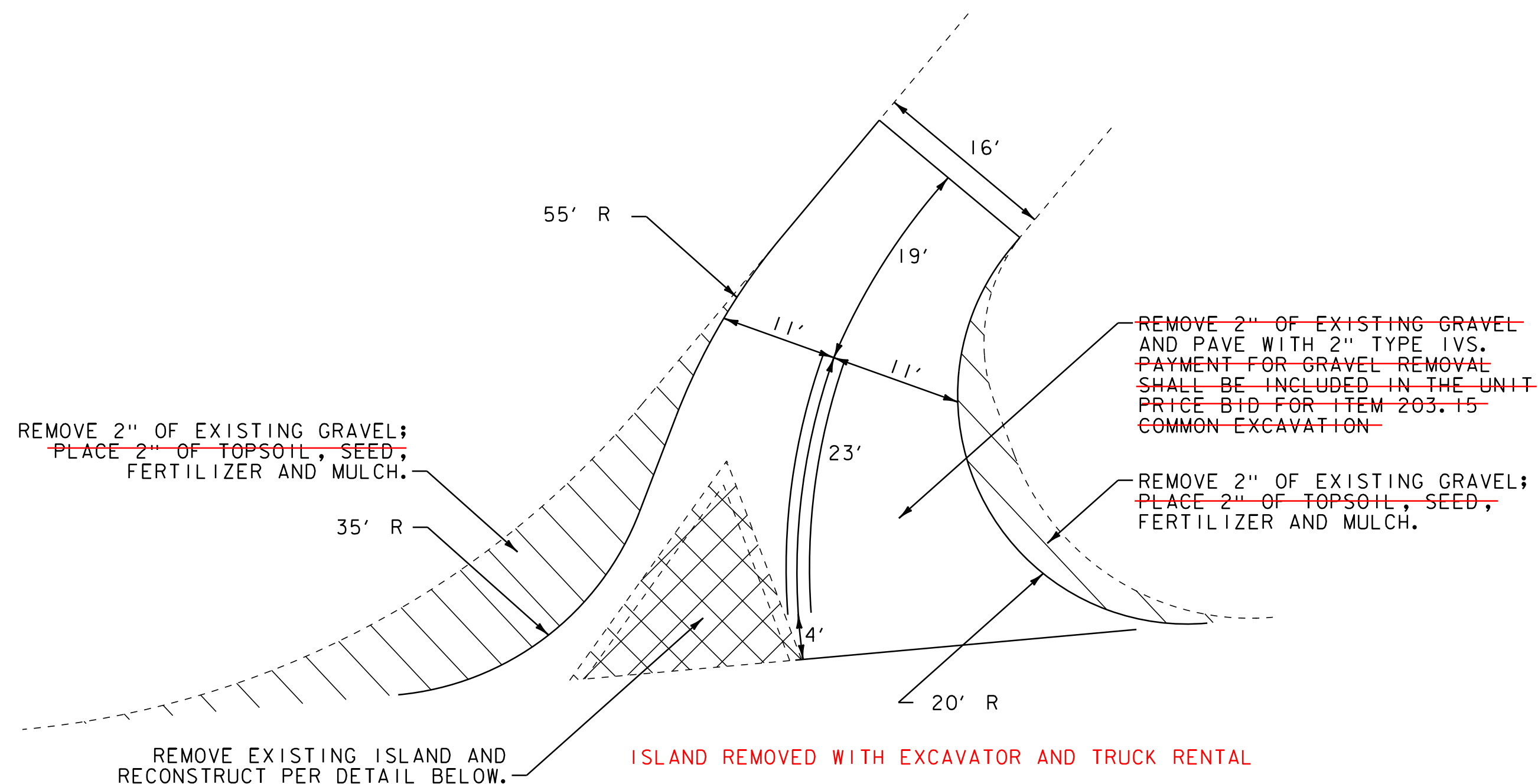
SLOPE EROSION REPAIR DETAIL

(ASSUME A 7' WIDTH BY 6' LENGTH UNLESS OTHERWISE NOTED)

GLOVER	STA. 206+41, RT STA. 206+42, LT STA. 236+12, RT STA. 238+63, RT STA. 266+92 TO 267+09, LT (17 FT)
BARTON	STA. 17+80, LT

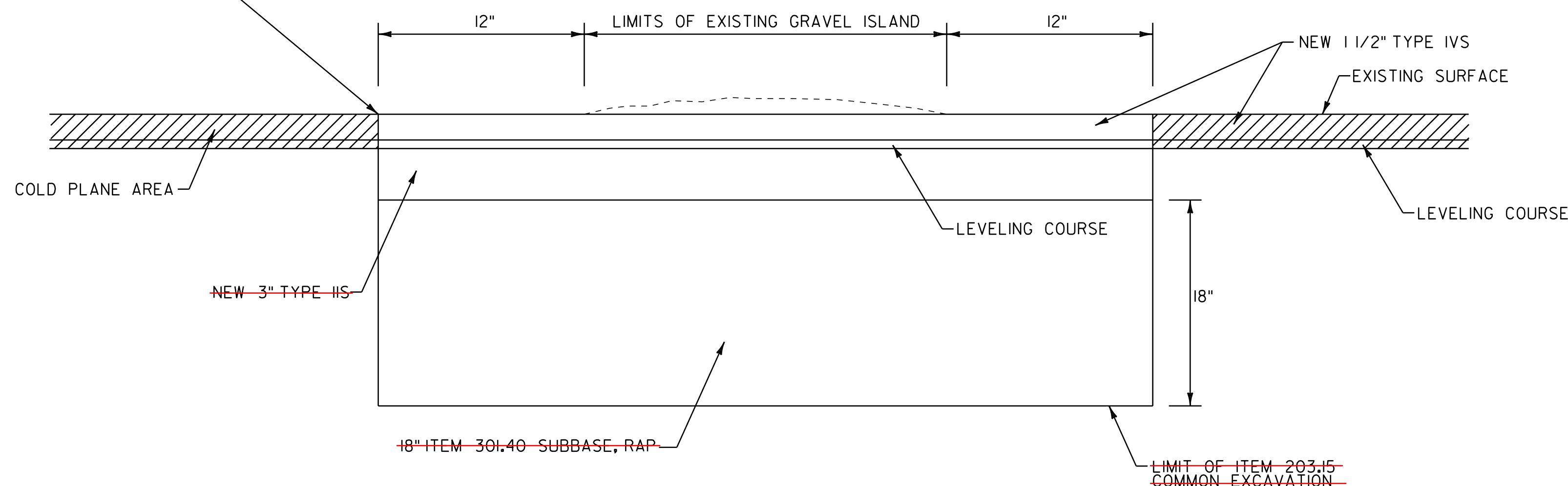
NOTE:

AN ESTIMATED QUANTITY OF ITEM 613.11 STONE FILL, TYPE II HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE RESIDENT ENGINEER. IF ITEM 613.11 IS NECESSARY, THE ADDITIONAL EXCAVATION DEPTH REQUIRED WILL BE PAID AS ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

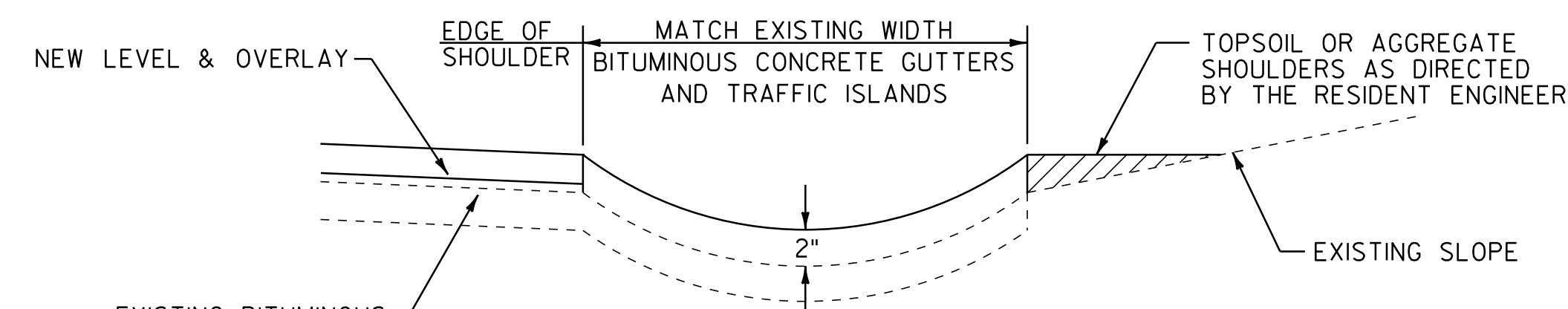


T.H. 63 - BAILEY LANE RECONFIGURATION
PLAN VIEW
GLOVER STA. 335+09, LT.

SAWCUT EXISTING PAVEMENT PRIOR TO EXCAVATION. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.



ISLAND REMOVAL DETAIL
T.H. 63 - BAILEY LANE
GLOVER STA. 335+02, LT.



BITUMINOUS CONCRETE GUTTER DETAIL

BARTON: STA. 78+58 TO 79+77, RT (7.5' WIDE)
STA. 79+77 TO 81+37, RT (3' WIDE) 8'
STA. 81+97 TO 83+88, RT (4' WIDE) 8'
STA. 83+88 TO 85+94, RT (7' WIDE)
STA. 86+25 TO 87+19, RT (8.5' WIDE)
STA. 87+39 TO 90+45, RT (8' WIDE)

NOT TO SCALE

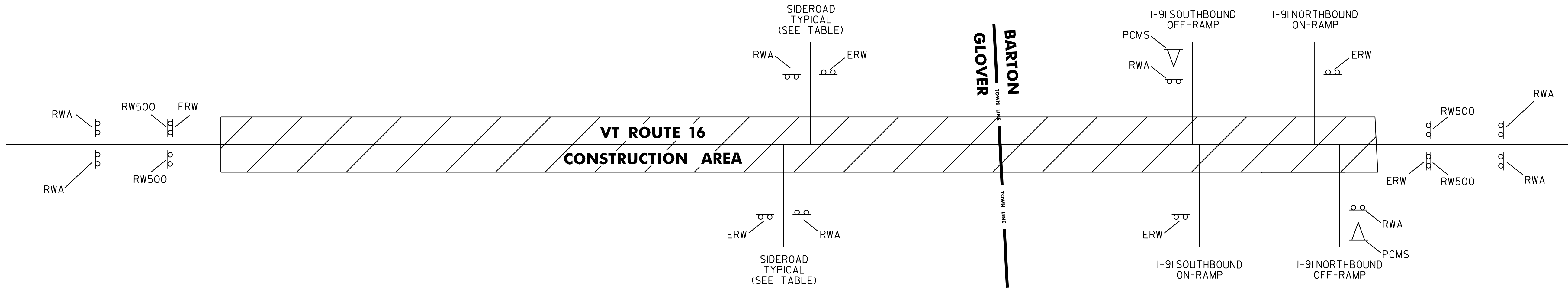
MISCELLANEOUS
DETAIL
SHEET #2

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034md02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 59 OF 60





NOTES:

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. 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. PORTABLE CHANGEABLE MESSAGE SIGNS ARE OPTIONAL AND ARE TO BE USED AS DIRECTED BY THE VAOT RESIDENT ENGINEER. CONTRACTOR SHALL POSITION PORTABLE CHANGABLE MESSAGE BOARDS WARNING MOTORISTS OF THE EXPECTED ROADWAY CONDITIONS AHEAD. THE MESSAGE TO BE DISPLAYED SHALL BE SUBMITTED TO THE RESIDENT ENGINEER IN ADVANCE FOR APPROVAL. THE COST OF PROVIDING THESE MESSAGE BOARDS SHALL BE PAID UNDER ITEM 641.15, PORTABLE CHANGABLE MESSAGE SIGN.
3. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED.
4. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKING 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.
5. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.
6. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.
7. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE LATEST EDITION OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.
8. ADA ACCESSIBLE PEDESTRIAN ACCOMMODATIONS SHALL BE MAINTAINED AT ALL TIMES WHEN WORKING IN THE VICINITY OF EXISTING PEDESTRIAN FACILITIES. THE PAYMENT FOR THIS EFFORT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.
9. SEE VAOT STANDARD E-100 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
10. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
11. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
12. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
13. RETROREFLECTIVE SHEETING SHALL BE AS NOTED IN THE SPECIAL PROVISIONS.
14. CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.
15. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
16. AS THE PAVING OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.
17. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

SEE VAOT STANDARDS E-100 AND E-100A FOR SIGN PLACEMENT.

LOCATION	ERW	RW500	RWA	▶
GLOVER				
VT ROUTE 16 (BEGIN PROJECT)	1	2	2	
SAND HILL RD	1		1	
PARISH SCHOOL RD	1		1	
PERRON HILL	1		1	
VT ROUTE 122	1		1	
ALDRICH LN	1		1	
STILL HILL	1		1	
DR. BUCK HILL	1		1	
LILAC LN	1		1	
BROOKS PL	1		1	
FIRST PLACE	1		1	
SCHOOL STREET	1		1	
DEXTER MOUNTAIN RD	1		1	
BEAN HILL RD	1		1	
MILL PL	1		1	
DEER LN	1		1	
TALBOT LN	1		1	
SARGENT LN	1		1	
BAILEY LN	1		1	
BARTON	1		1	
FULTON LN				
I-91 SOUTHBOUND OFF-RAMP			1	1
I-91 SOUTHBOUND ON-RAMP	1			
I-91 NORTHBOUND ON-RAMP	1			
I-91 NORTHBOUND OFF-RAMP			1	1
ROARING BROOK RD	1		1	
VT ROUTE 16 (END PROJECT)	1	2	2	
TOTALS	24	4	26	2

LEGEND

- ERW = END ROAD WORK
- RW500 = ROAD WORK 500 FT
- RWA = ROAD WORK AHEAD
- ▶ = PORTABLE CHANGEABLE MESSAGE SIGN
- NOT TO SCALE



TEMPORARY TRAFFIC CONTROL PLAN

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034ttcp.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 60 OF 60