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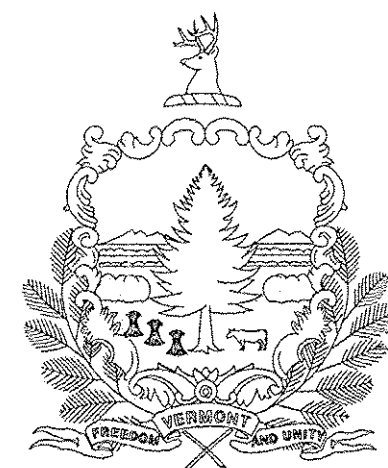
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- G-1d 01-03-00
- G-19 11-15-02
- J-3 08-07-95
- SB-R4B-82 03-30-88
- E-198 04-01-05

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	<i>Kevin McClure</i> 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.

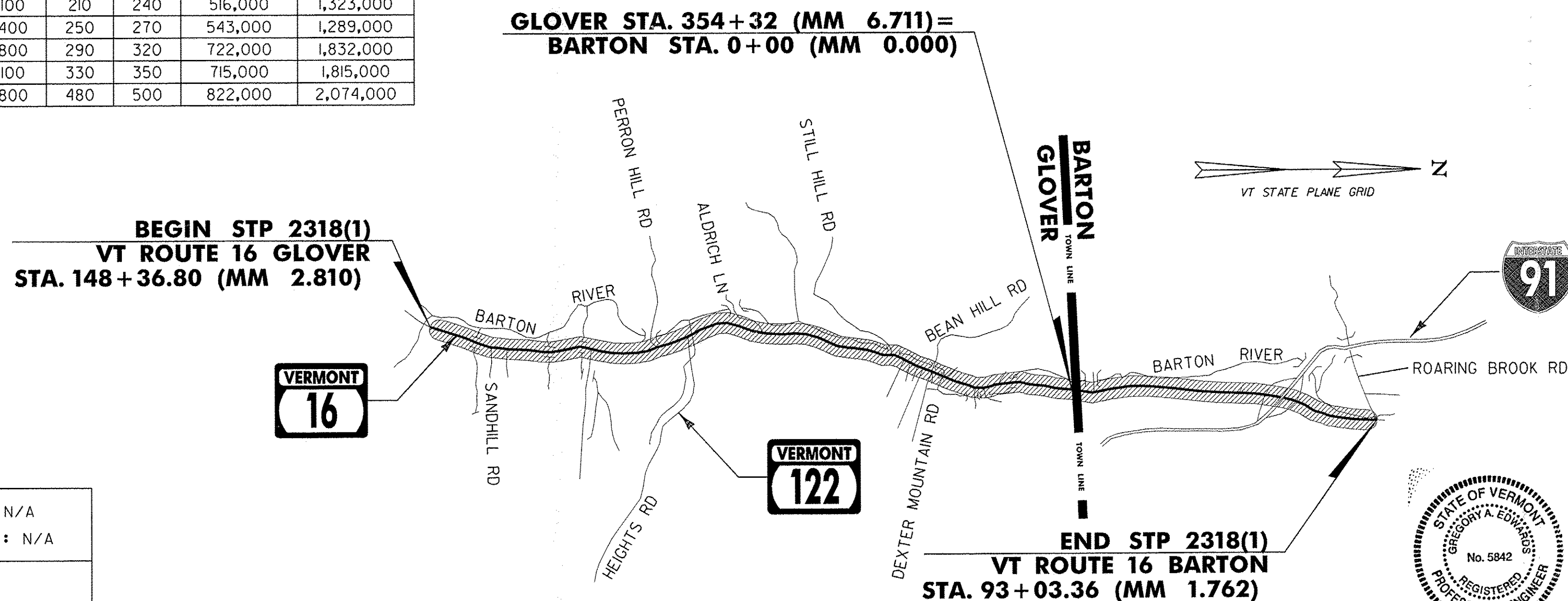
TRAFFIC DATA
VT ROUTE 16

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

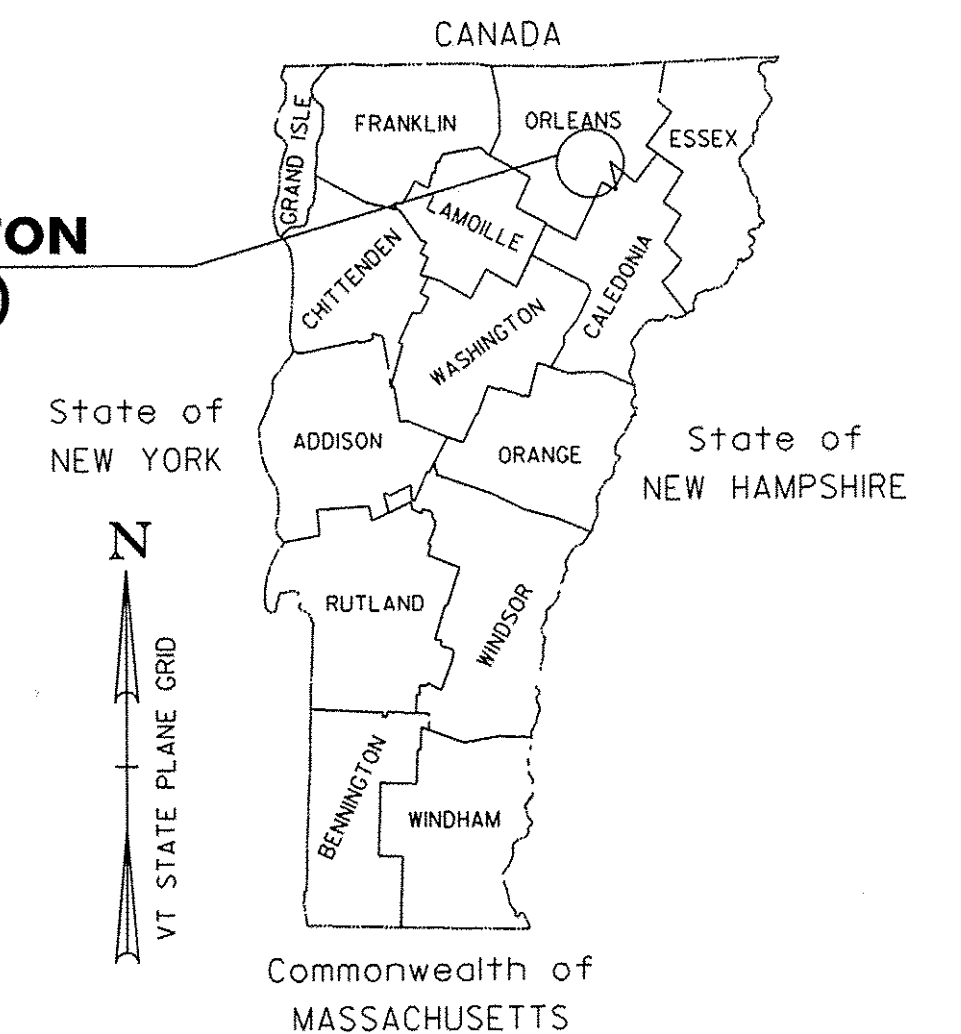
QUALITY ASSURANCE PROGRAM: LEVEL 3

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-BARTON
STP 2318(1)**



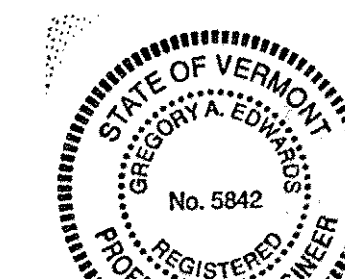
SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	1,037,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 OF THE GENERAL SPECIAL PROVISIONS

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.

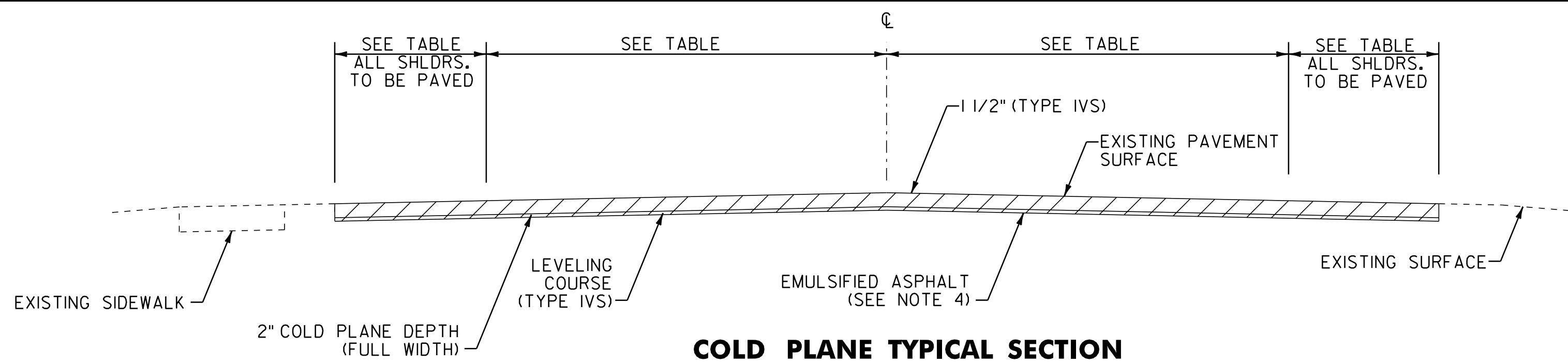
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

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



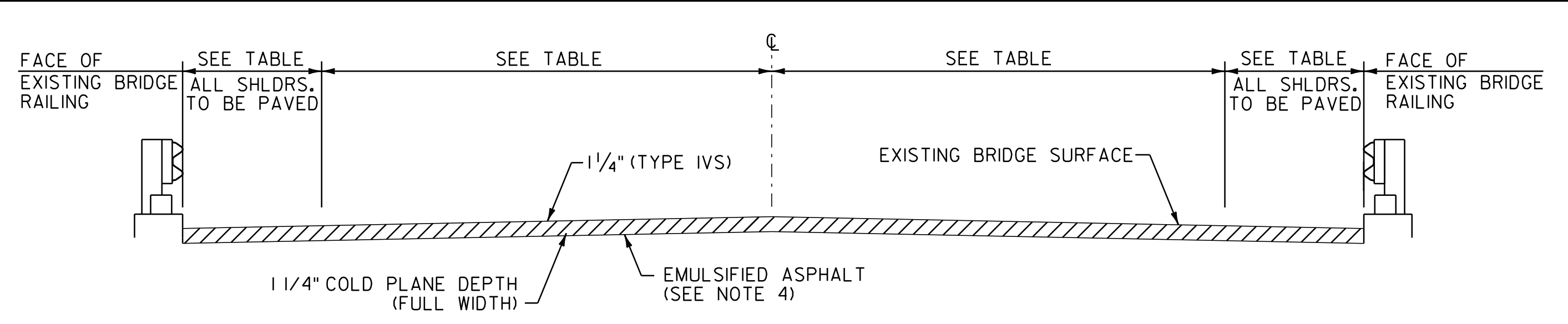
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>Michael Fowler</i>	DATE 7-20-10
PROJECT MANAGER : MICHAEL FOWLER	
PROJECT NAME : GLOVER - BARTON	
PROJECT NUMBER : STP 2318(1)	
SHEET 1 OF 60 SHEETS	

p01b034.dgn
p01b034ts.1



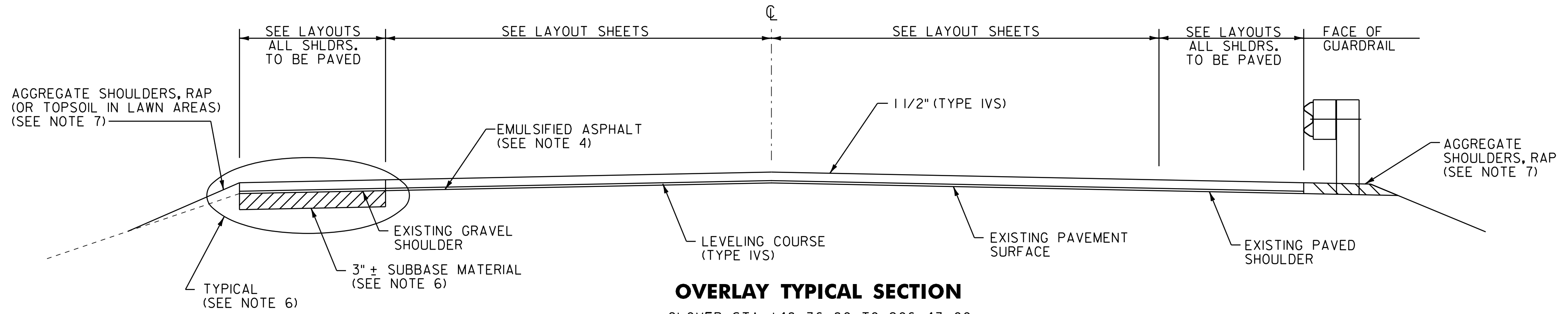
COLD PLANE TYPICAL SECTION

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



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



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

NOTES

1. 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.
2. 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.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
4. 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.
5. 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.
6. 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.
7. ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP THE NEW PAVEMENT OVERLAY AS DIRECTED BY THE RESIDENT ENGINEER.
8. 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.
9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
10. A QUANTITY FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II, 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.
11. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

PROJECT PAVING LIMITS

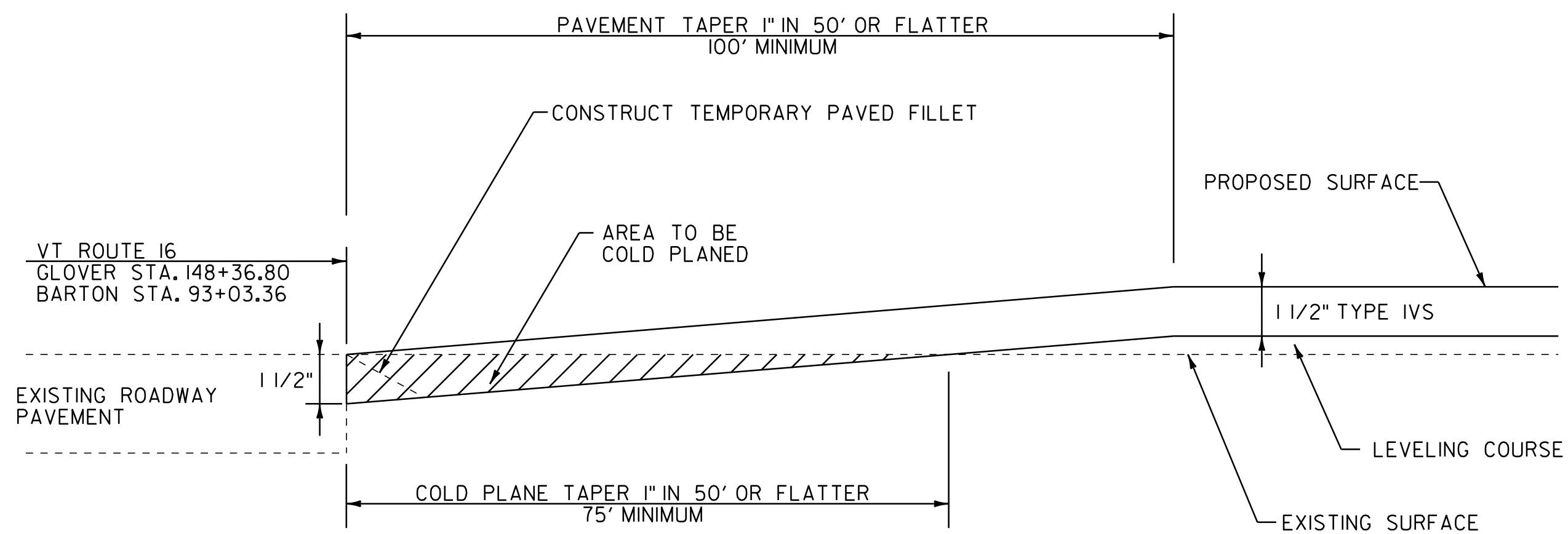
TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING DEPTH	NOTES
GLOVER VT ROUTE 16	148+36.80	149+00.00	VARIABLES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	149+00.00	187+85.00	4'-0" - 11'-0" - 11'-0" - 4'-0"	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.
GLOVER VT ROUTE 16	187+85.00	188+37.00	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - 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	VARIABLES - SEE LAYOUT SHEET	1 1/2"	1/2 "	LEVEL, AND THEN PAVE WITH 1 1/2" TYPE IVS.

NOT TO SCALE



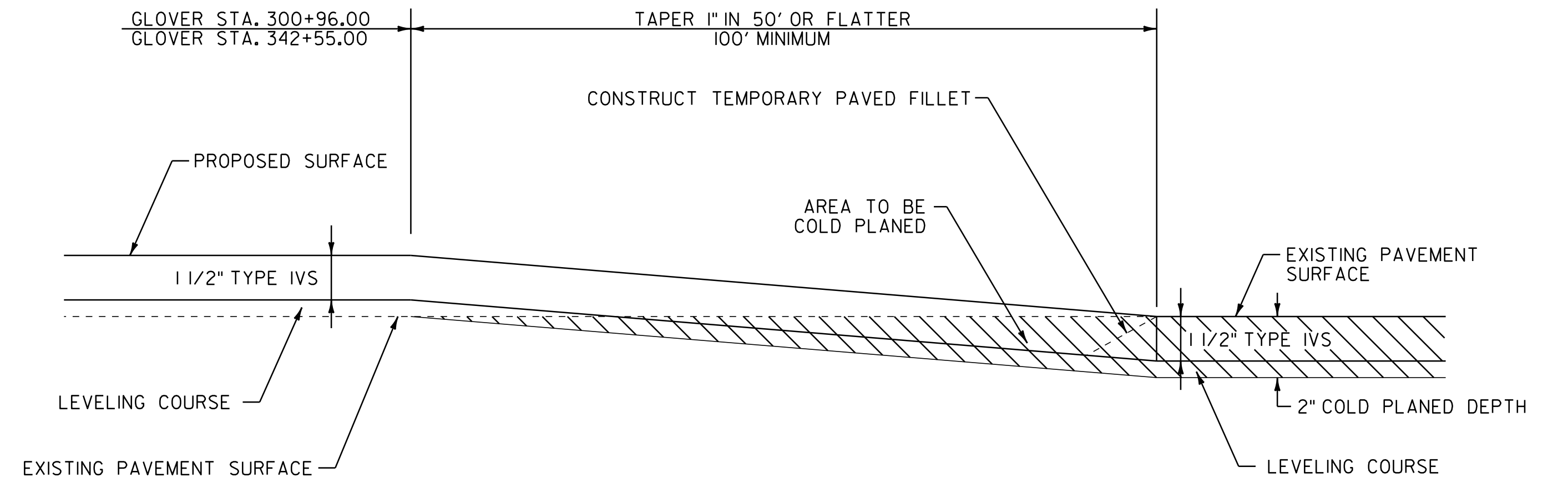
PROJECT TYPICAL SHEET #1

PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	IPARM FILE: p01b034pts01.i	SHEET 2 OF 60



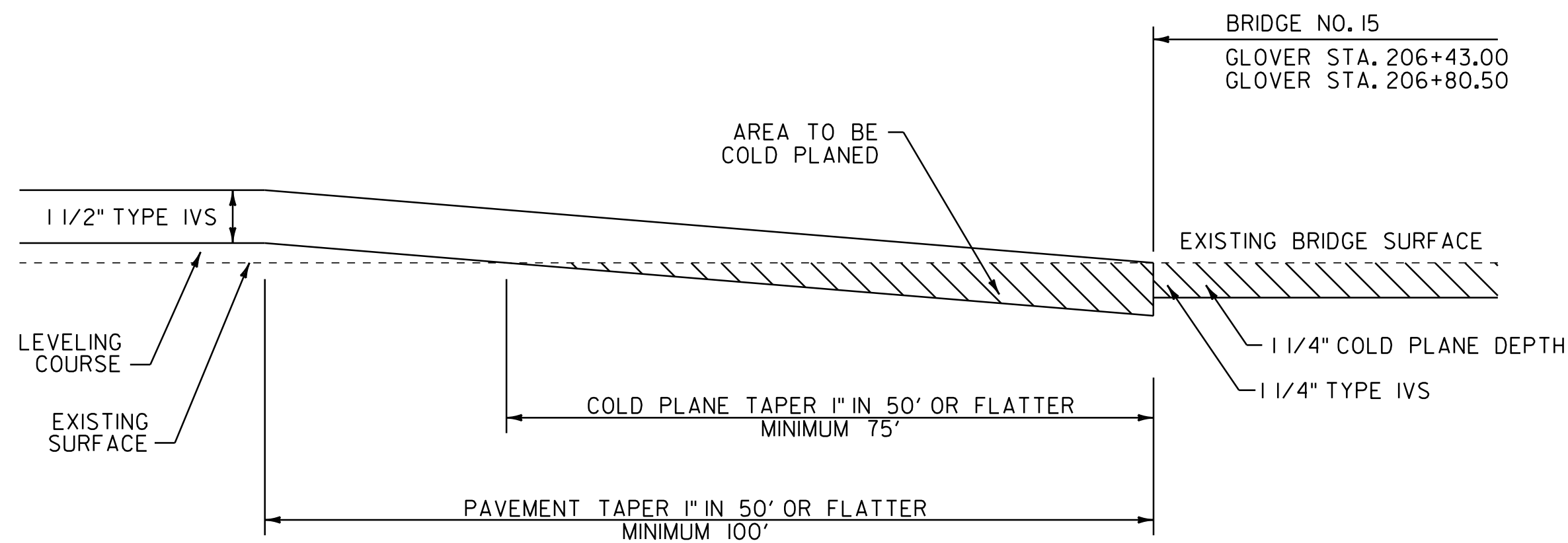
**APPROACH AREA DETAIL
(BEGIN AND END LEVELING AND OVERLAY)**

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)



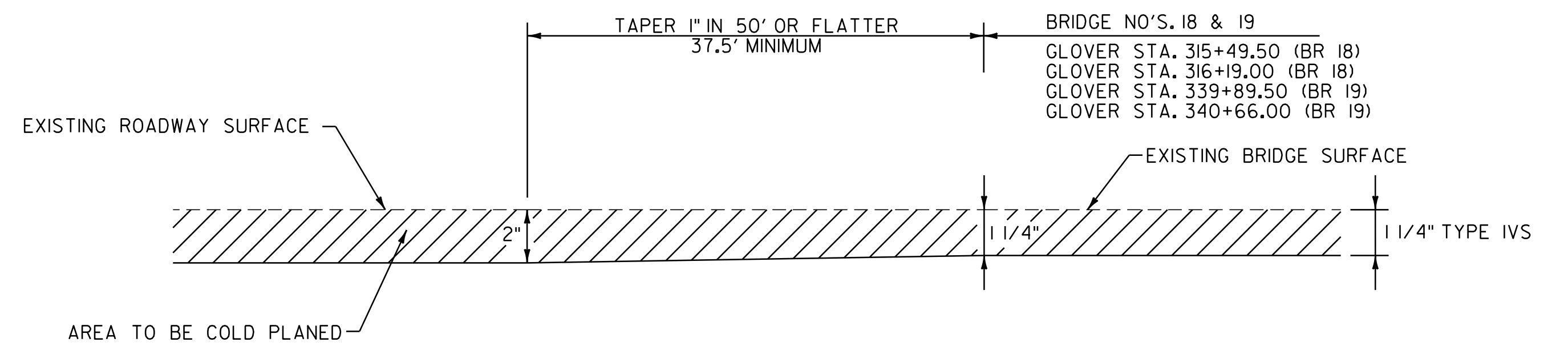
**TRANSITION AREA DETAIL
(LEVELING AND OVERLAY TO COLD PLANE)**

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

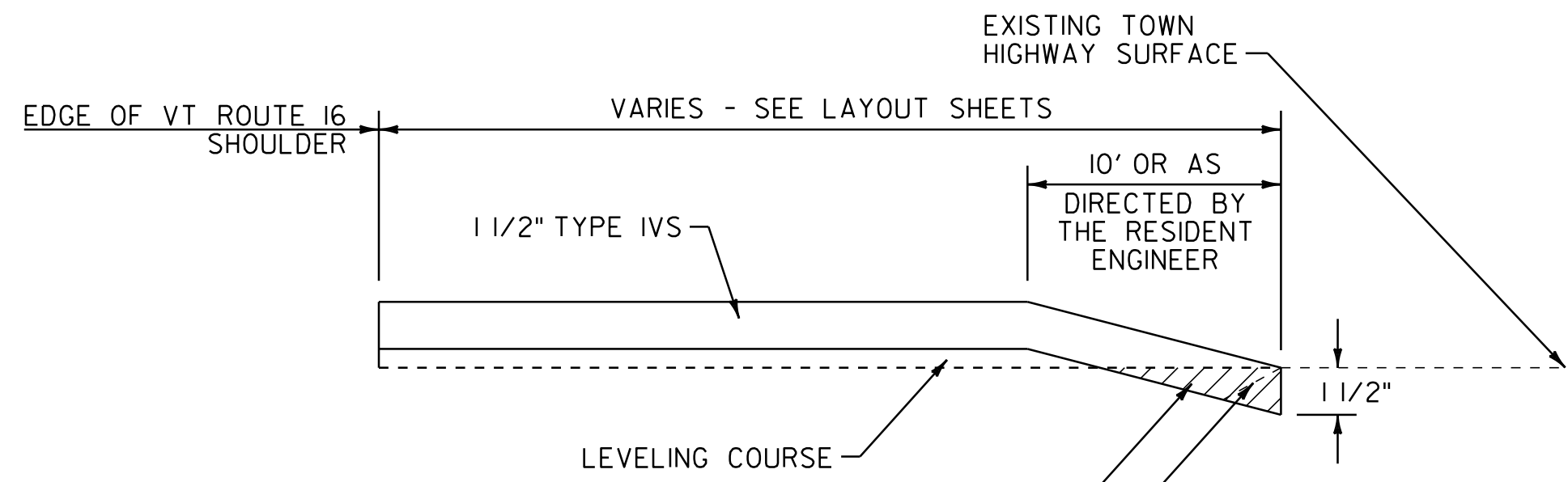


**PROJECT
TYPICAL
SHEET #2**

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



AREA TO BE COLD PLANED (PAVED SIDE ROADS)
 PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
 AREA TO BE EXCAVATED (GRAVEL SIDE ROADS)
 PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608.15 POWER GRADER RENTAL.

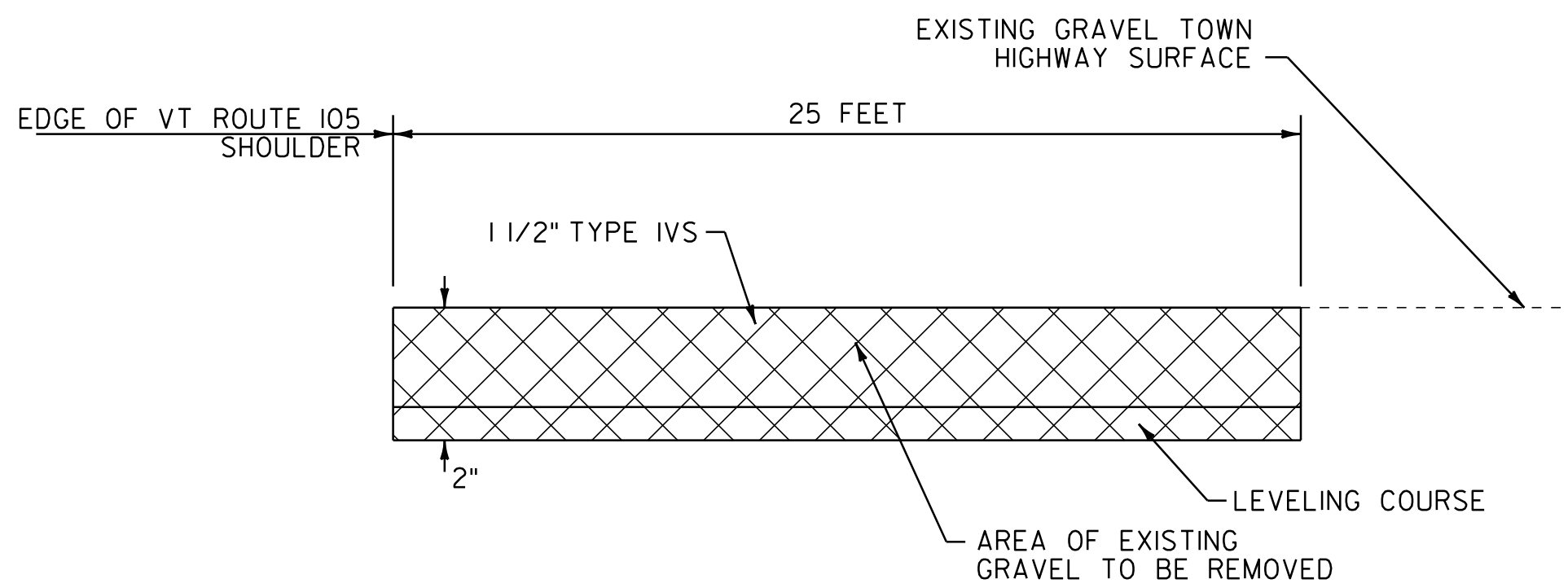
CONSTRUCT TEMPORARY PAVED FILLET AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

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-9I SOUTHBOUND OFF-RAMP)
- BARTON STA. 63+97, RT (I-9I SOUTHBOUND ON-RAMP)
- BARTON STA. 69+74, LT (I-9I NORTHBOUND ON-RAMP)
- BARTON STA. 69+88, RT (I-9I NORTHBOUND OFF-RAMP)

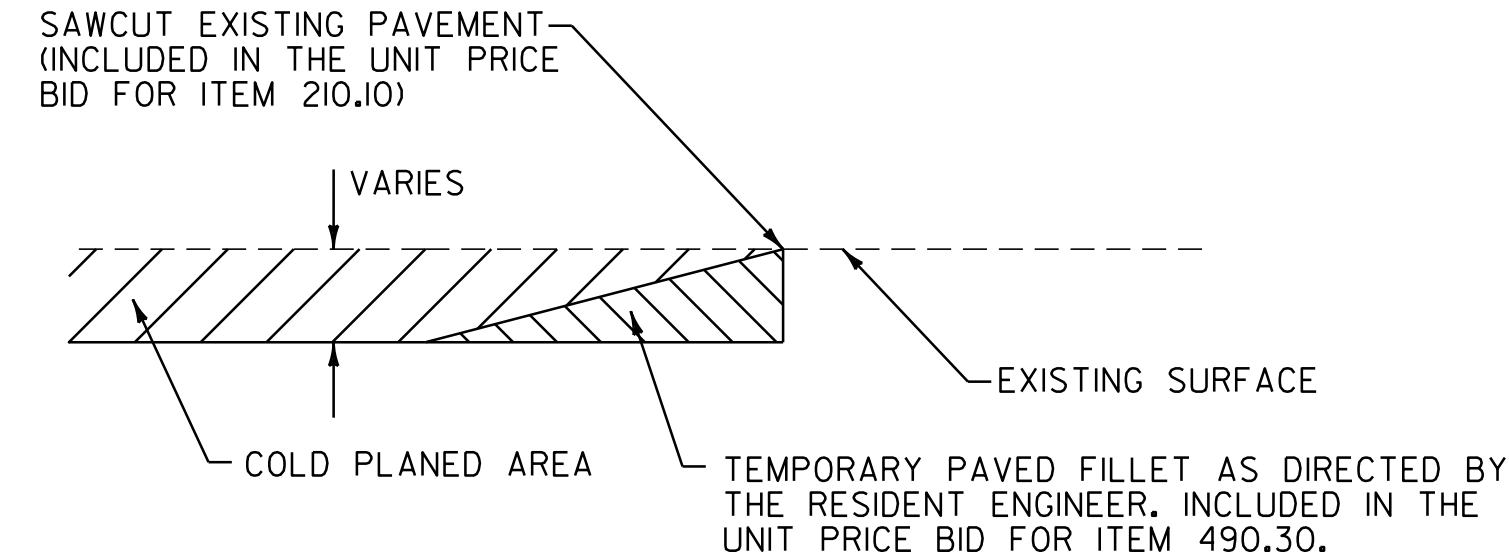


COLD PLANE APPROACH AREA DETAIL - GRAVEL SIDE ROAD

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)

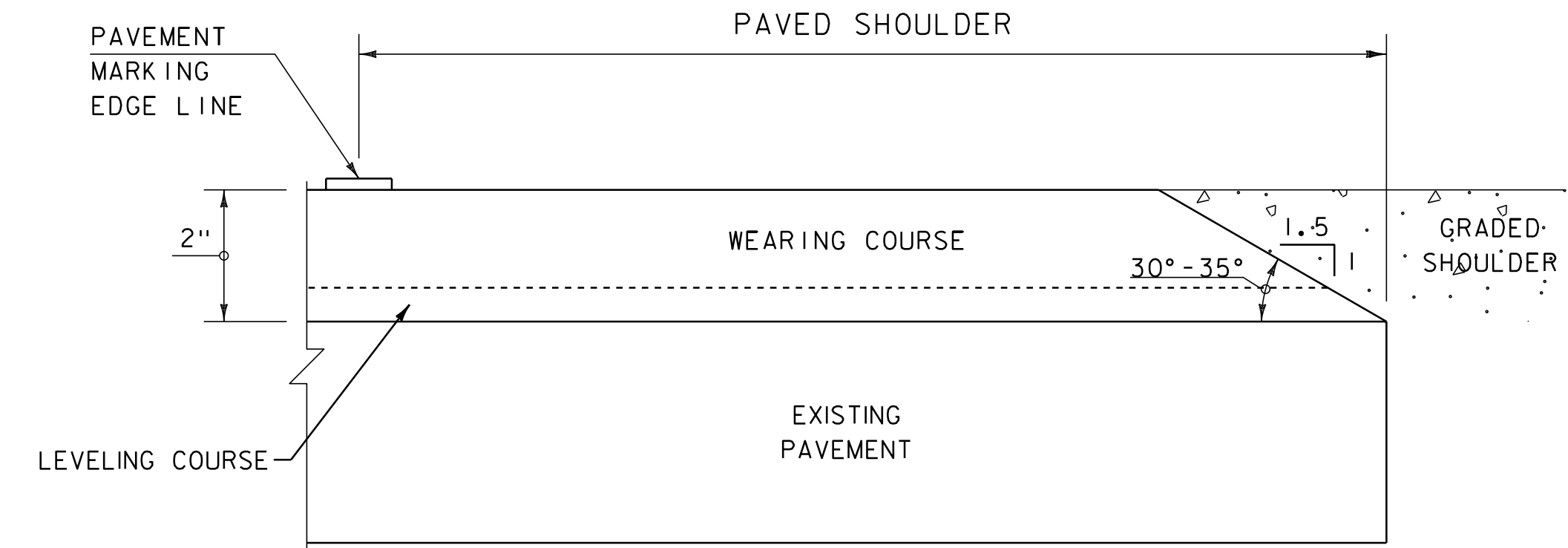


DETAIL AT VERTICAL COLD PLANE JOINTS

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(I)

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



QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES					TOTALS	DESCRIPTIONS				
	ROADWAY	BRIDGE	EROSION CONTROL	FULL C.E.	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	
	15				15	CY	COMMON EXCAVATION	203.15	1	
	725				725	CY	EARTH BORROW	203.30	-	
	1				1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.	
	17000				17000	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	130	
	100				100	TON	SUBBASE, RAP	301.40	-	
	970				970	TON	AGGREGATE SHOULDERS, RAP	402.13	15	
	450				450	CWT	EMULSIFIED ASPHALT	404.65	3	
	1				1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	EST.	
	13060				13060	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	157	
	1				1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	EST.	
	1				1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	EST.	
	1				1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	EST.	
	1				1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	EST.	
		100			100	LF	REMOVAL OF EXISTING RAILING	525.10	-	
		100			100	LF	BRIDGE RAILING REPAIR, TYPE III	525.60	-	
	1				1	EA	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	EST.	
	24				24	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST.	
	7				7	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST.	
	50				50	HR	POWER GRADER RENTAL	608.15	EST.	
	150				150	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.	
	50				50	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.	
	50				50	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.	
	150				150	HR	TRUCK RENTAL	608.37	EST.	
	50				50	HR	LOADER RENTAL, TYPE I	608.40	EST.	
			615		615	CY	STONE FILL, TYPE I	613.10	5	
			50		50	CY	STONE FILL, TYPE II	613.11	EST.	
	90				90	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1	
	4				4	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	-	
	109				109	EA	YIELDING MARKER POSTS	619.17	-	
	6400				6400	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	3.5	
	225				225	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	3.5	
	29				29	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-	
	6				6	EA	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	-	
	11				11	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-	
	7425				7425	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	6	
	100				100	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.	
	2500				2500	HR	FLAGGERS	630.15	EST.	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
15772	SY	MAINLINE
1098	SY	SIDEROADS
130	SY	ROUNDING
17000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
9453	TON	MAINLINE WEARING COURSE (TYPE IVS)
219	TON	SIDEROADS (TYPE IVS)
4	TON	BAILEY LANE TRAFFIC ISLAND REMOVAL (TYPE IIS)
3	TON	BAILEY LANE TRAFFIC ISLAND REMOVAL (TYPE IVS)
3224	TON	LEVELING (TYPE IVS)
157	TON	ROUNDING
13060	TON	TOTAL
		STONE FILL, TYPE I
601	CY	DITCH CLEANING
9	CY	SLOPE REPAIR
5	CY	ROUNDING
615	CY	TOTAL

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

FILE NAME: p01b034.dgn PLOT DATE: 28-NOV-2012 15:00
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: MCF CHECKED BY: STANTEC
IPARM FILE: p01b034qs01.i SHEET 5 OF 60

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES					TOTALS	DESCRIPTIONS			
ROADWAY	BRIDGE	EROSION CONTROL	FULL C. E.	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	
			1	1	LS	FIELD OFFICE, ENGINEERS	631.10	-	
			1	1	LS	TESTING EQUIPMENT, CONCRETE	631.16	-	
			1	1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-	
			3000	3000	DL	FIELD OFFICE TELEPHONE (N. A. B. I.)	631.26	-	
1				1	LS	MOBILIZATION/DEMOBILIZATION	635.11	-	
1				1	LS	TRAFFIC CONTROL	641.10	-	
2				2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-	
60200				60200	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	409	
57000				57000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	414	
120				120	LF	DURABLE 6 INCH WHITE LINE, THERMOPLASTIC	646.422	5	
110				110	LF	DURABLE 6 INCH YELLOW LINE, THERMOPLASTIC	646.432	4	
270				270	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	4	
56				56	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-	
50				50	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	1	
120000				120000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	418	
113500				113500	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	328	
235				235	LF	TEMPORARY 6 INCH WHITE LINE, PAINT	646.622	5	
215				215	LF	TEMPORARY 6 INCH YELLOW LINE, PAINT	646.632	3	
540				540	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	8	
96				96	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-	
100				100	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	2	
2960				2960	EA	LINE STRIPING TARGETS	646.76	25	
			2780	2780	SY	GEOTEXTILE UNDER STONE FILL	649.31	23	
			80	80	LB	SEED	651.15	EST.	
			500	500	LB	FERTILIZER	651.18	EST.	
			2	2	TON	AGRICULTURAL LIMESTONE	651.20	EST.	
			2	2	TON	HAY MULCH	651.25	EST.	
			50	50	CY	TOPSOIL	651.35	EST.	
			2670	2670	SY	TEMPORARY EROSION MATTING	653.20	30	
40				40	SF	TRAFFIC SIGNS, TYPE A	675.20	0.4	
465				465	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-	
33				33	EA	REMOVING SIGNS	675.50	-	
14				14	EA	ERECTING SALVAGED SIGNS	675.60	-	
40				40	EA	DELINEATOR WITH STEEL POST	676.10	-	
28				28	EA	REMOVAL OF EXISTING DELINEATOR	676.12	-	
1				1	LU	PRICE ADJUSTMENT, FUEL (N. A. B. I.)	690.50	-	
2030				2030	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	18	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		GEOTEXTILE UNDER STONE FILL
2704	SY	DITCH CLEANING
53	SY	SLOPE REPAIR
23	SY	ROUNDING
2780	SY	TOTAL
		TEMPORARY EROSION MATTING
1715	SY	DITCH CLEANING
725	SY	M. T. S. CONSTRUCTION
200	SY	SEED PROTECTION
30	SY	ROUNDING
2670	SY	TOTAL

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

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p01b034qs02.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 6 OF 60

ITEM DETAIL SUMMARY SHEET 1

THIS SHEET NOT USED FOR RECORD PLANS, SEE LAYOUT SHEETS

LOCATION			GUARDRAIL								MISCELLANEOUS											REMARKS
			525.00	525.60	621.20	621.21	621.50	621.53	621.60	621.80	203.15	203.30	301.40	402.13	604.412	604.415	613.10	613.11	616.47	617.10	619.17	
BEGIN MILE STA.	END MILE STA.	POS.	REMOVAL OF EXISTING RAILING	BR. RAIL REPAIR, TYPE III	S.B. G.R. GALV.	H.D. S.B. G.R. GALV.	MTS. FLARED	TERMINAL CONNECTOR FOR S.B. G.R.	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	COMMON EXCAVATION	EARTH BORROW	SUBBASE RAP	AGG. SHLDRS., RAP	REHAB DI. CB. OR MH. CL I OR II	STONE FILL, TYPE I	STONE FILL, TYPE II	BIT. CONC. GUT. & TRAFF. ISL.	RELOC. MAILBOX, SNGL. SUPP.	YIELDING MARKER POSTS	GEO. UNDER STONE FILL	
			LF	LF	LF	LF	EA	EA	EA	LF	CY	CY	TON	TON	EA	CY	CY	TON	EACH	EACH	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				1					7	
205+66.25	207+53.75	RT	50	50		82.5	2			132		50				1					7	
236+12.0		RT														1					7	
237+44.5	239+94.5	LT			190		2			142		50										
VT 122 81+19.0	VT 16 239+46.7	RT				112.5	2			113		50				1					7	
VT ROUTE 16																						
264+87.5	269+75.0	LT			412.5		2			447		50				3					18	
284+58.0	300+33.0	LT			1590				2	1579												
314+91.0	316+09.0	LT				37		1	1	53												
315+56.0	317+09.0	RT			52	19.5		1	2	89												
319+63.5	327+26.0	RT			781.5				2	761												
335+02		LT									14		11									
335+50		LT																	1			
337+69.5	340+90.5	RT			204				2	2	252											
339+29.0	342+50.0	LT			204				2	2	252											
BARTON																						
6+71.0	9+96.0	LT			265		2			305		50							3			
17+80		LT														1					7	
65+00.0	68+12.5	RT			237.5		2			306		50										
65+63.0	68+88.0	LT			250		2			316		50										
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	PLOT DATE: 28-NOV-2012 15:0
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC	
IPARM FILE: p01b034idss01.i	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 TEMP. EROSION MATTING SY	676.10 DEL.W/ STEEL POST EACH	676.12 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 #2	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: p01b034ids02.i	SHEET 8 OF 60	

ITEM DETAIL SUMMARY SHEET 3

THIS SHEET NOT USED FOR RECORD PLANS, SEE LAYOUT SHEETS

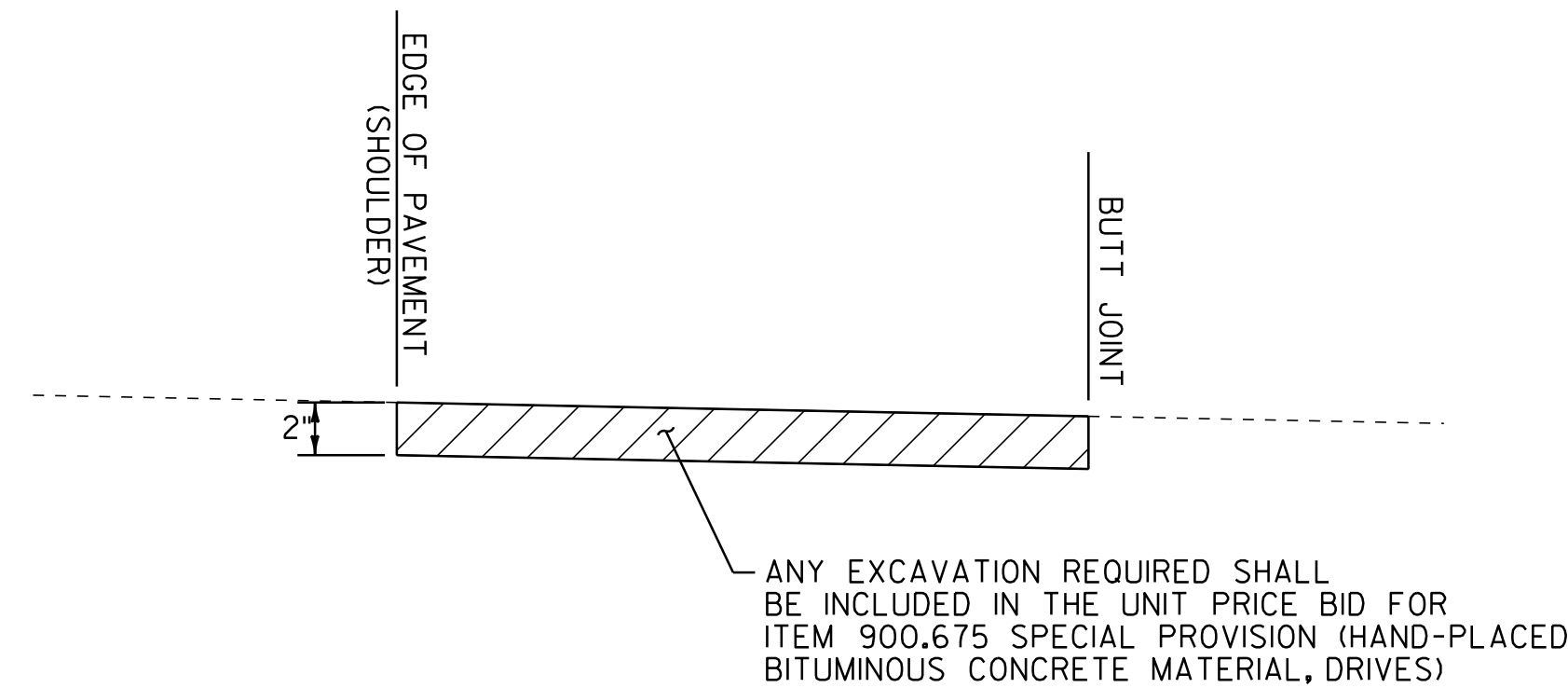
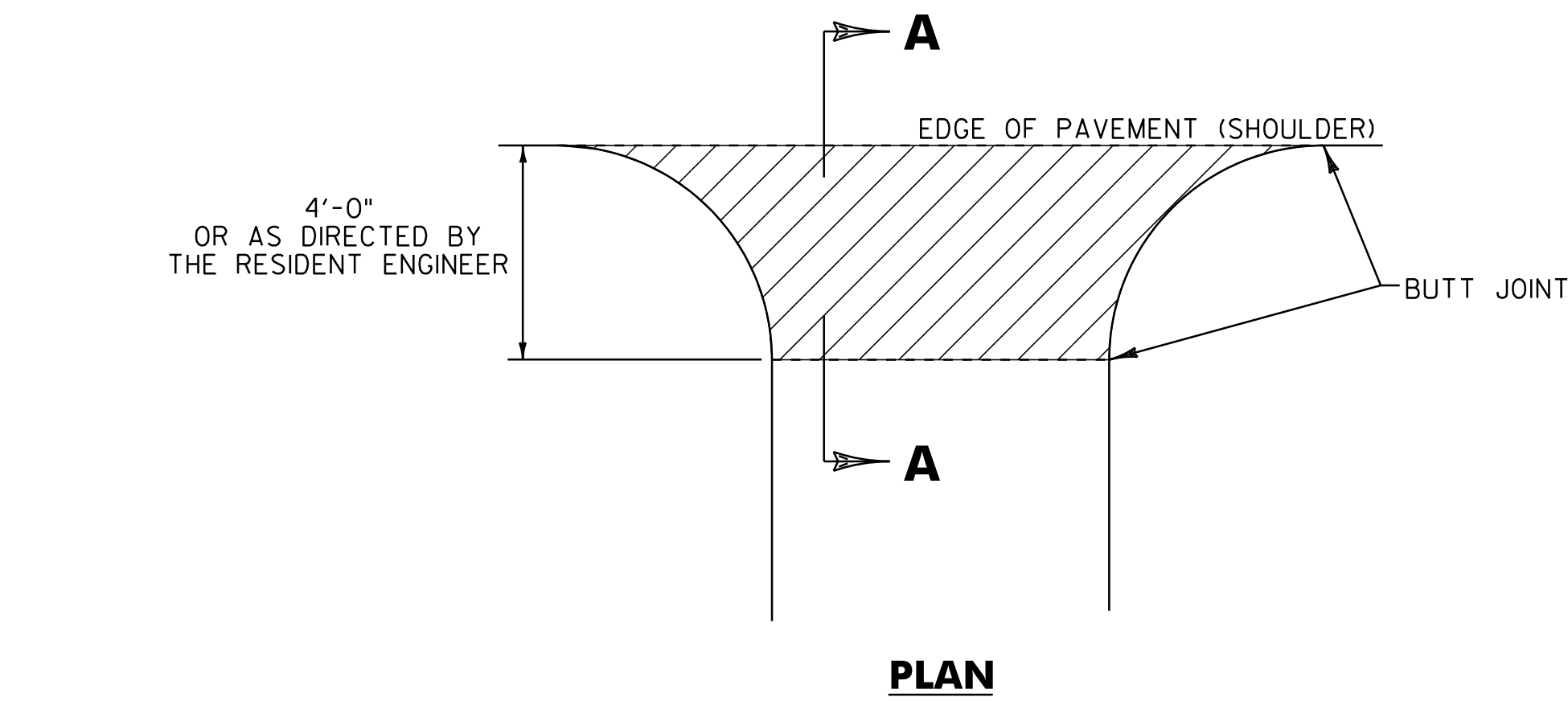
LOCATION			GUARDRAIL							MISCELLANEOUS											REMARKS	
			525.00	525.60	621.20	621.21	621.50	621.53	621.60	621.80	203.15	203.30	301.40	402.13	604.412 604.415	613.10	613.11	616.47	617.10	619.17		649.31
BEGIN MILE STA.	END MILE STA.	POS.	REMOVAL OF EXISTING RAILING	BR. RAIL REPAIR, TYPE III	S.B. G.R. GALV.	H.D. S.B. G.R. GALV.	MTS. FLARED	TERMINAL CONNECTOR FOR S.B. G.R.	ANCHOR FOR S.B. RAIL	REMOVAL & DISPOSAL OF GUARDRAIL	COMMON EXCAVATION	EARTH BORROW	SUBBASE RAP	AGG. SHLDRS. RAP	REHAB DI. CB. OR MH. CL I OR II	STONE FILL, TYPE I	STONE FILL, TYPE II	BIT. CONC. GUT. & TRAFF. ISL.	RELOC. MAILBOX, SNGL. SUPP.	YIELDING MARKER POSTS	GEO. UNDER STONE FILL	
			LF	LF	LF	LF	EA	EA	EA	LF	CY	CY	TON	TON	EA	CY	CY	TON	EACH	EACH	SY	
BARTON																						
76+62.0	86+12.0	LT			875		2			950		50										INSTALL M.T.S., FLARED @ STA. 76+62.0 TO 76+99.5 AND 85+74.5 TO 86+12.0.
78+58	79+77	RT																12				CONSTRUCT BITUMINOUS CONCRETE GUTTER
79+77	81+37	RT																6				CONSTRUCT BITUMINOUS CONCRETE GUTTER
81+97	83+88	RT																10				CONSTRUCT BITUMINOUS CONCRETE GUTTER
83+88	85+94	RT																19				CONSTRUCT BITUMINOUS CONCRETE GUTTER
86+25	87+19	RT																10				CONSTRUCT BITUMINOUS CONCRETE GUTTER
87+39	90+45	RT																32				CONSTRUCT BITUMINOUS CONCRETE GUTTER
91+67.5	93+12.0	LT			125		1			168		25										INSTALL M.T.S., FLARED @ STA. 91+67.5 TO 92+05.0. CONNECT TO EXISTING GUARDRAIL @ STA. 93+12.0, LT
SHEET 1 SUBTOTALS:			100	100	5396.5	221.5	26	6	11	6301	14	650	100	955	30	8	50	-	4	109	53	* THESE TOTALS ARE CARRIED FORWARD TO THE DETAILED SUMMARY OF QUANTITIES ON THE QUANTITY SHEETS
SHEET 3 SUBTOTALS:			-	-	1000	-	3	-	-	1118	-	75	-	-	-	-	-	89	-	-	-	
SUBTOTALS:			100	100	6396.5	221.5	29	6	11	7419	14	725	100	955	30	8	50	89	4	109	53	
ROUNDING:			-	-	3.5	3.5	-	-	-	6	1	-	-	15	-	-	-	1	-	-	-	
TOTALS:			100	100	6400	225	29	6	11	7425	15	725	100	970	30	8 *	50	90	4	109	53 *	

ITEM
DETAIL
SUMMARY
SHEET #3

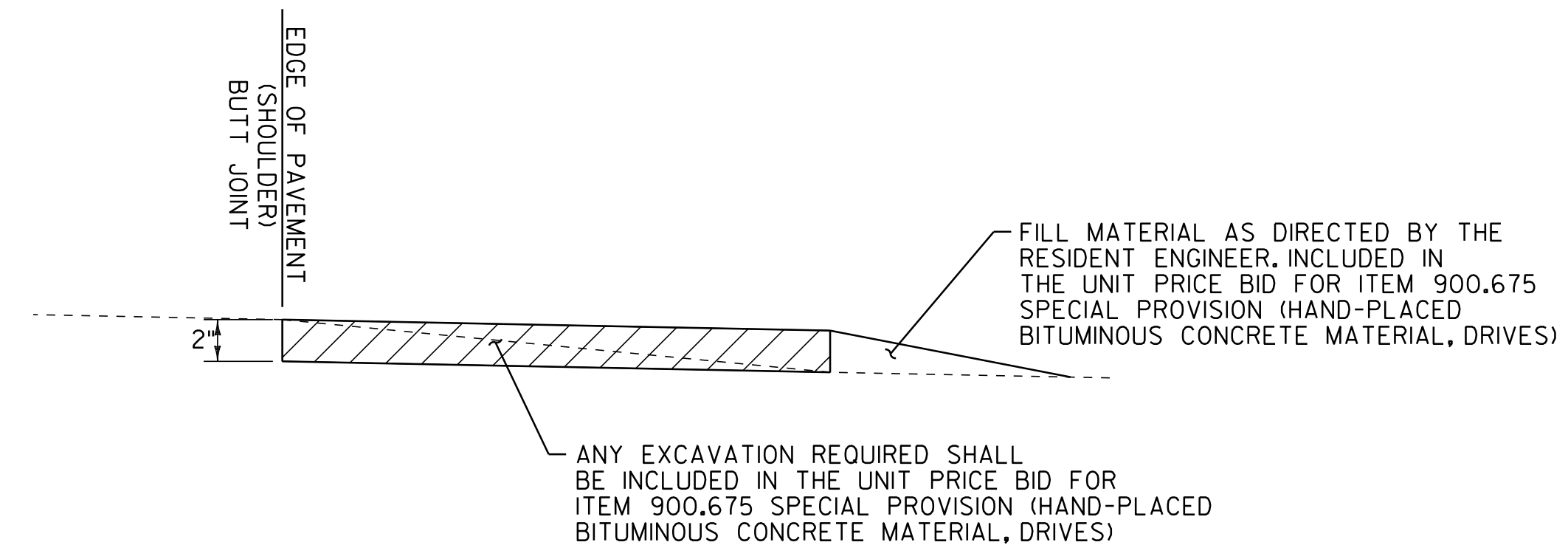
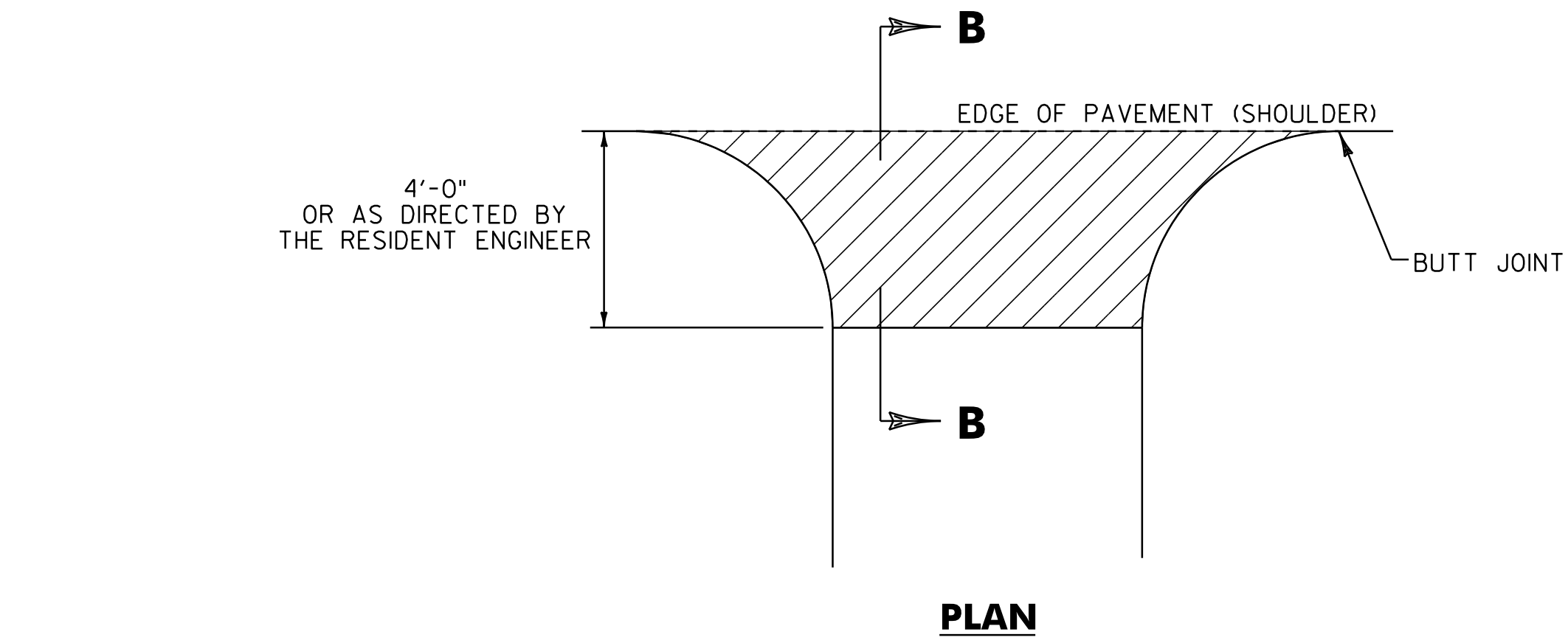
PROJECT NAME: GLOVER - BARTON	PLOT DATE: 28-NOV-2012 15:0
PROJECT NUMBER: STP 2318(1)	DRAWN BY: STANTEC
FILE NAME: p01b034.dgn	CHECKED BY: STANTEC
DESIGNED BY: STANTEC	SHEET 9 OF 60
IPARM FILE: p01b034idss03.i	

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	LTPAVER	+33
158+23	RT	-15 11.8
159+67 10	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	RTPAVER	-9
313+27	RTPAVER	-7
313+81	RTPAVER	-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	LTPAVER	-14
327+64	RTPAVER	-33
SUBTOTAL		+313-

STATION	POSITION	QUANTITY (SY)
VT ROUTE 16 (CONT.)		
GLOVER		
328+62	LT	10 17.7
328+82	RTPAVER	-9
329+89	RTPAVER	+9
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 75	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	RTPAVER	+7
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	RTPAVER	8
74+24	LT	-15 22.0
87+29	RT	-9 13.7
90+29	RT	6
SUBTOTAL		699
COLUMN 1		+313
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

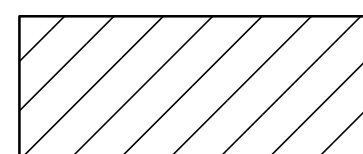


SECTION B-B
HANDWORK DETAILS FOR GRAVEL DRIVES

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)



NOT TO SCALE

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

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

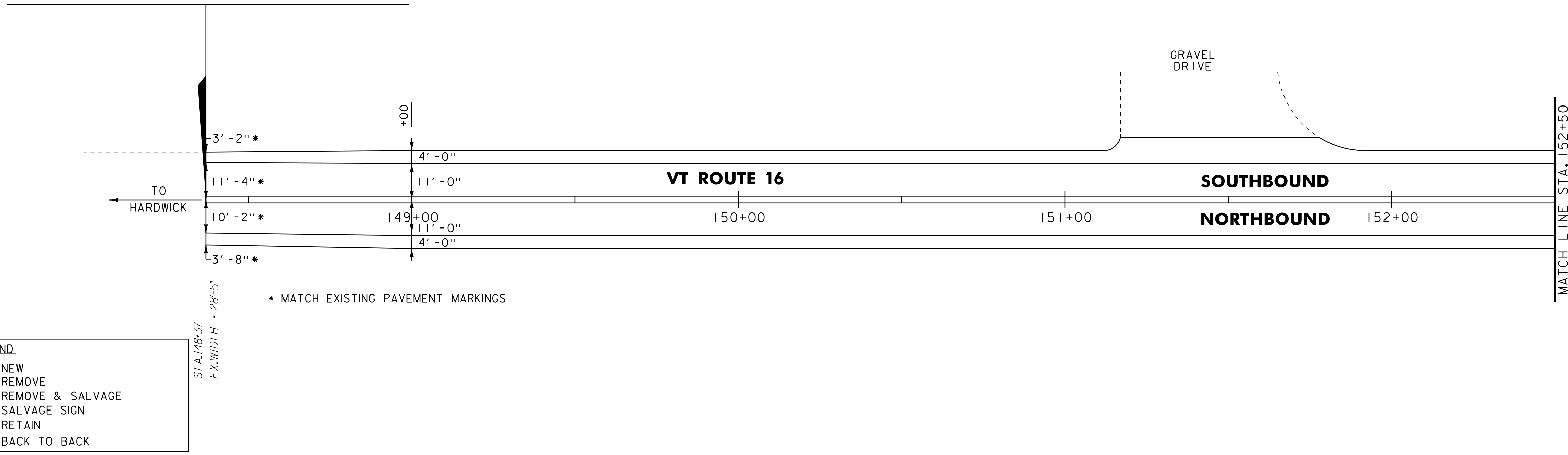
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 148+36.8 TO 152+50, SOLID LT & RT

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 @ 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	
	= 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

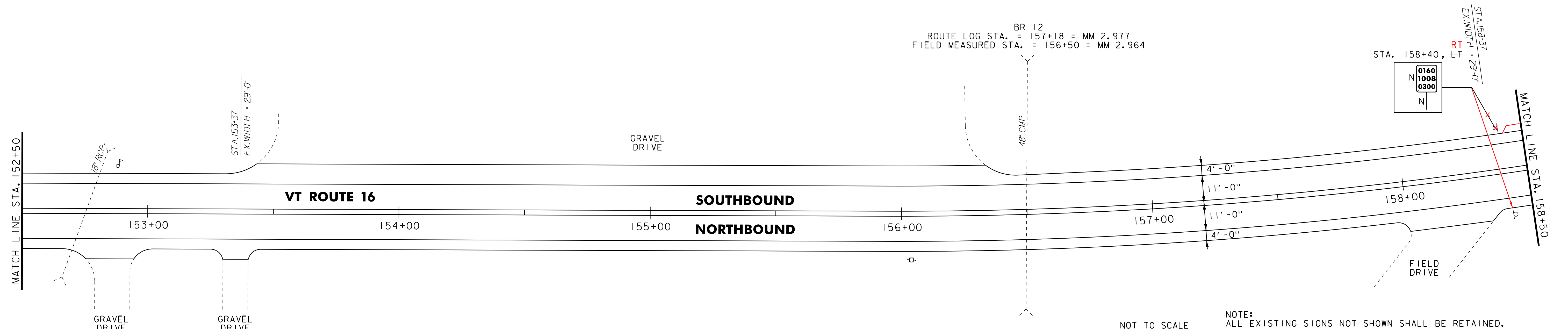
SIGN LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE SIGN
RET	= RETAIN
B-B	= BACK TO BACK

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 @ 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 @ BREAKS FOR SIDE ROADS)
 STA. 152+50 TO 158+50, SOLID LT & RT



NOT TO SCALE

NOTE:
 ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

PROJECT LAYOUT SHEET #1	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(1)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
		DESIGNED BY: STANTEC	CHECKED BY: STANTEC
		IPARM FILE: p01b034I01.i	SHEET 13 OF 60



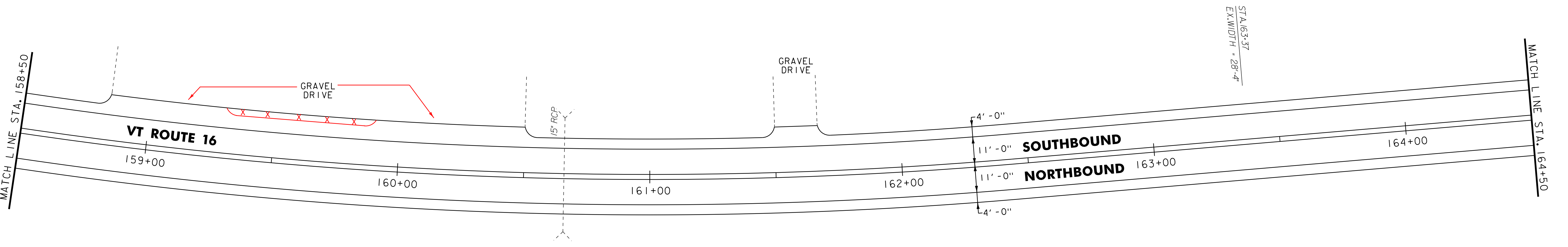
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 158+50 TO 164+50, SOLID LT & RT

646.602 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

619.17 YIELDING MARKER POSTS
 STA. 160+60 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

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



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

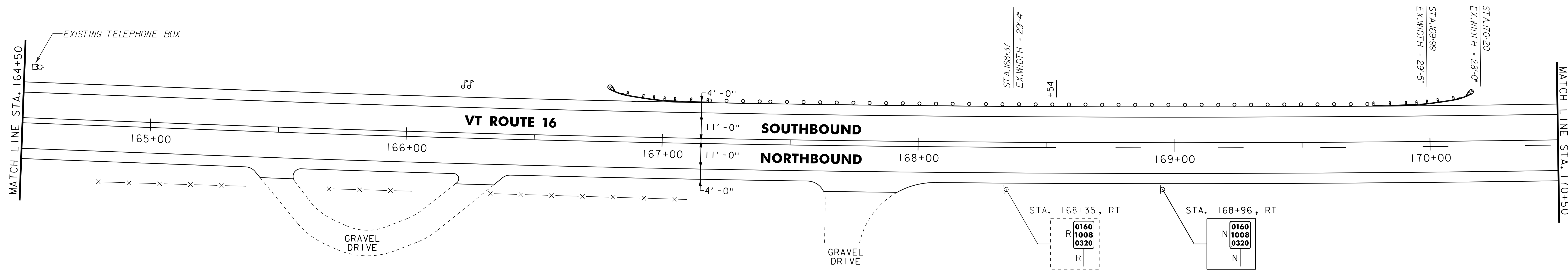
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 164+50 TO 170+50, SOLID LT & RT

675.50 REMOVING SIGNS
 AS SHOWN - 1

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

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

646.612 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



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



**PROJECT
 LAYOUT
 SHEET #2**

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

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

NOT TO SCALE

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

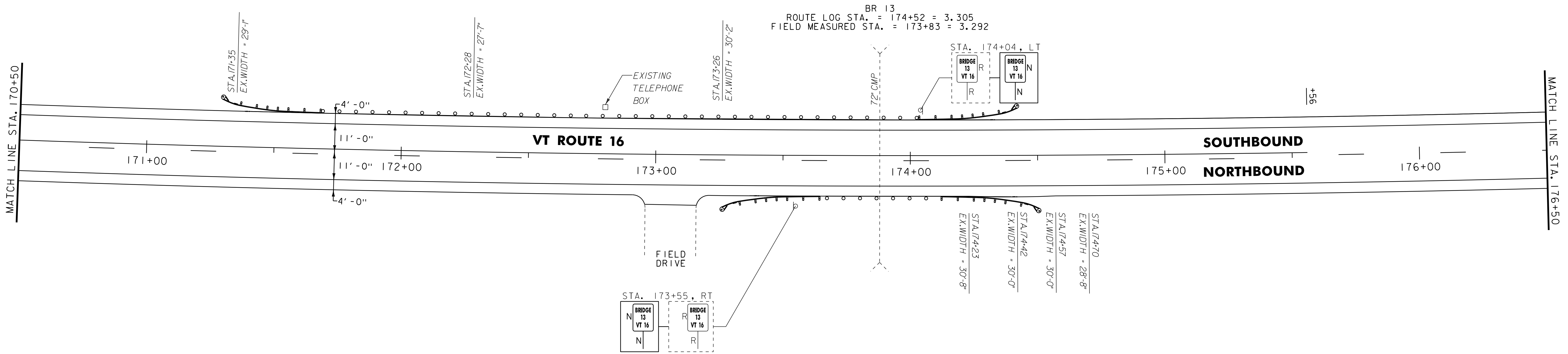
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 170+50 TO 176+50, SOLID LT & RT
 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 170+50 TO 175+56, SOLID LT, DASHED RT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

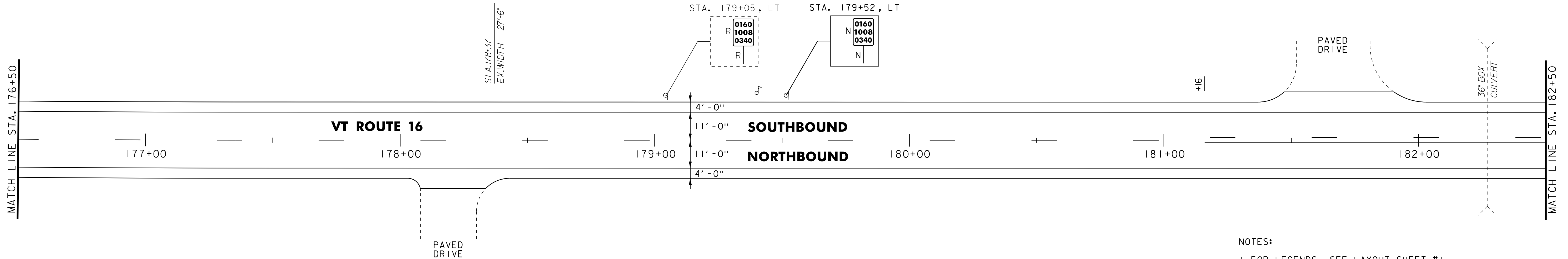
621.205 STEEL BEAM GUARDRAIL, WITH 8' POST
 STA. 173+87.5 TO 174+12.5, RT



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 15:00
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 15 OF 60

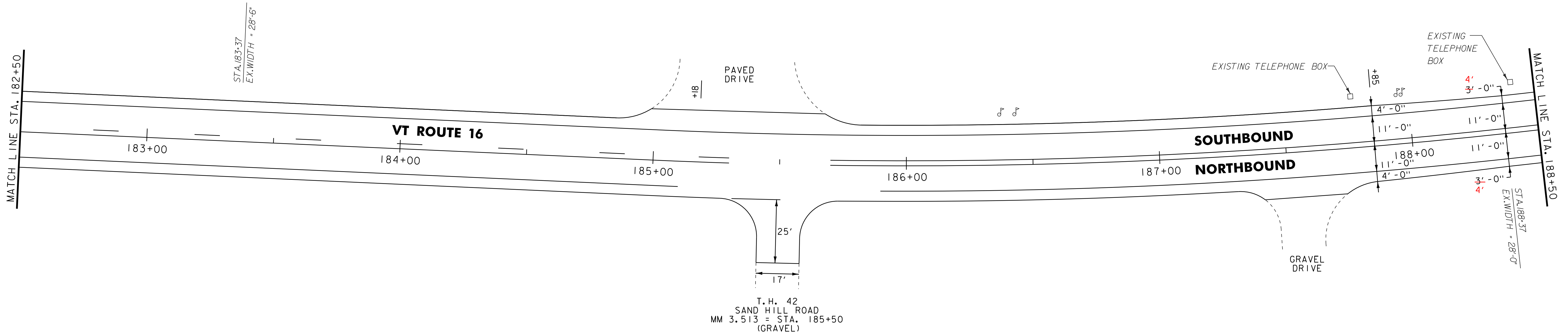


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 182+50 TO 188+50, SOLID LT & RT

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
 64

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

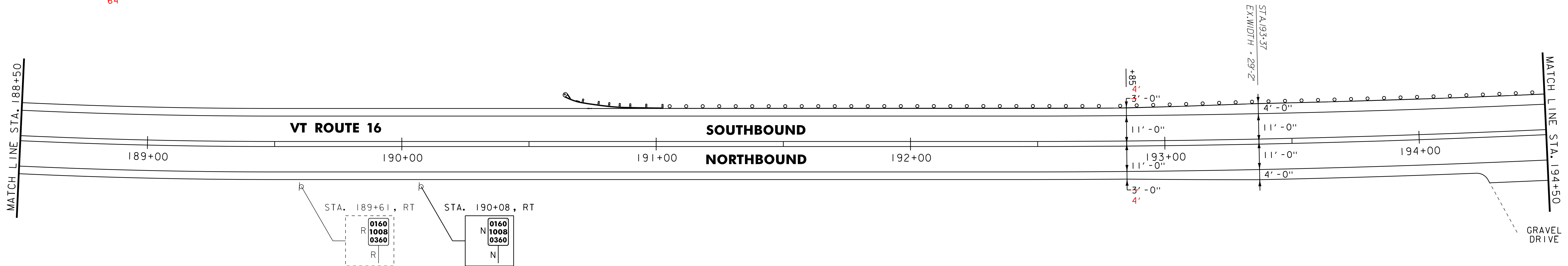
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 188+50 TO 194+50, SOLID LT & RT

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 YIELDING MARKER POSTS
 STA. 189+00, LT & RT



NOTES:

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

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #4**



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

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

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 194+50.0 TO 195+26.5, LT
STA. 194+95.5 TO 195+70.5, RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 194+58.0 TO 194+95.5, RT
STA. 195+26.5 TO 195+64.0, LT
STA. 195+70.5 TO 196+08.0, RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 194+50 TO 195+64, LT
STA. 194+58 TO 196+10, RT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 194+50 TO 200+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 194+50 TO 200+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. 194+50 TO 200+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 194+50 TO 200+50, SOLID LT & RT

613.10 STONE FILL TYPE I

STA. 194+55 TO 194+98, LT (DITCH)

613.11 STONE FILL TYPE II

STA. 195+27 TO 195+46, RT (SLOPE EROSION REPAIR)

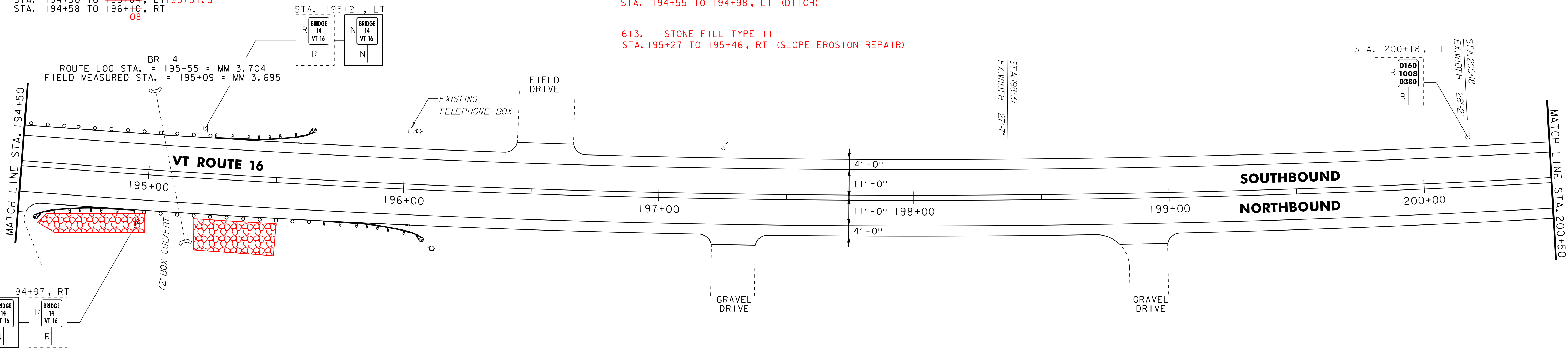
675.50 REMOVING SIGNS
AS SHOWN - 3

621.60 ANCHOR FOR STEEL BEAM RAIL

STA. 194+60, RT
STA. 196+14, RT

621.205 STEEL BEAM GUARDRAIL WITH 8FT POST

STA. 194+60 TO 195+74.5 RT



525.10 REMOVAL OF EXISTING RAILING

STA. 206+37.0 TO 206+50.0, LT
STA. 206+35.0 TO 206+50.0, RT
(SEE BRIDGE DETAIL SHEETS)

525.60 BRIDGE RAILING REPAIR, TYPE III

STA. 206+37.0 TO 206+50.0, LT
STA. 206+35.0 TO 206+50.0, RT
(SEE BRIDGE DETAIL SHEETS)

STA. 200+64, LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA. 205+68.25 TO 206+05.75, LT
STA. 206+03.75 TO 206+35.0, RT

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED

STA. 206+05.75 TO 206+37.0, LT
STA. 206+03.75 TO 206+35.0, RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA. 205+30.75 TO 205+68.25, LT
STA. 205+66.25 TO 206+03.75, RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 205+68 TO 206+35, RT
STA. 205+73 TO 206+37, LT

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 200+50 TO 206+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 200+50 TO 206+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. 200+50 TO 206+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 200+50 TO 206+50, SOLID LT & RT

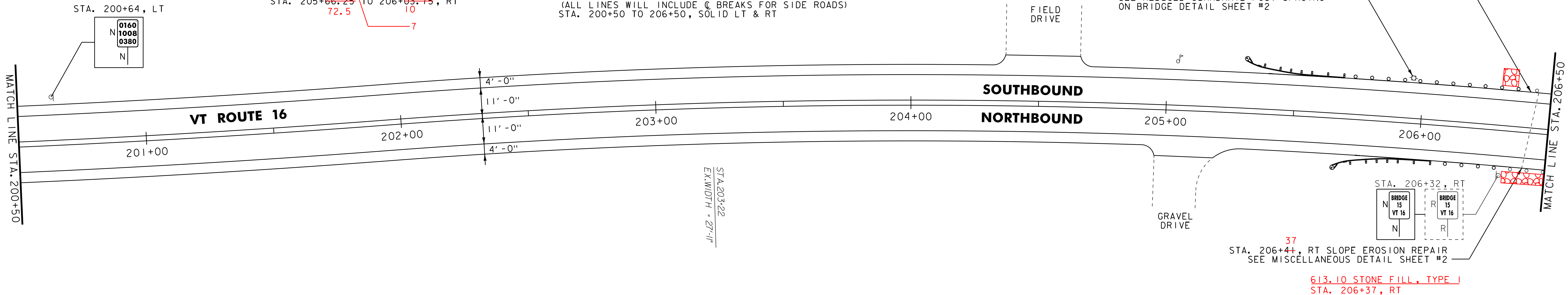
675.50 REMOVING SIGNS
AS SHOWN - 1

613.10 STONE FILL, TYPE I

STA. 206+37 LT

STA. 206+42, LT
SLOPE EROSION REPAIR
SEE MISCELLANEOUS
DETAIL SHEET #2

STA. 205+96, LT - EXISTING UTILITY POLE
SEE REDUCED GUARDRAIL POST SPACING
ON BRIDGE DETAIL SHEET #2



NOTES:

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



NOT TO SCALE

PROJECT LAYOUT SHEET #5

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

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034I05.i

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
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+6.25, 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

12 10

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 RADI 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 RADI 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

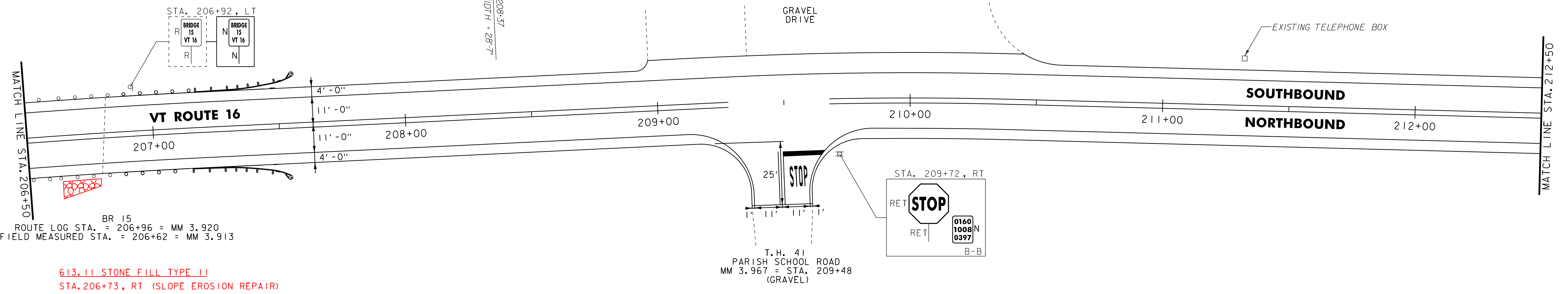
STA. 209+48, RT (PARISH SCHOOL ROAD)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT

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

675.50 REMOVING SIGNS

AS SHOWN - I



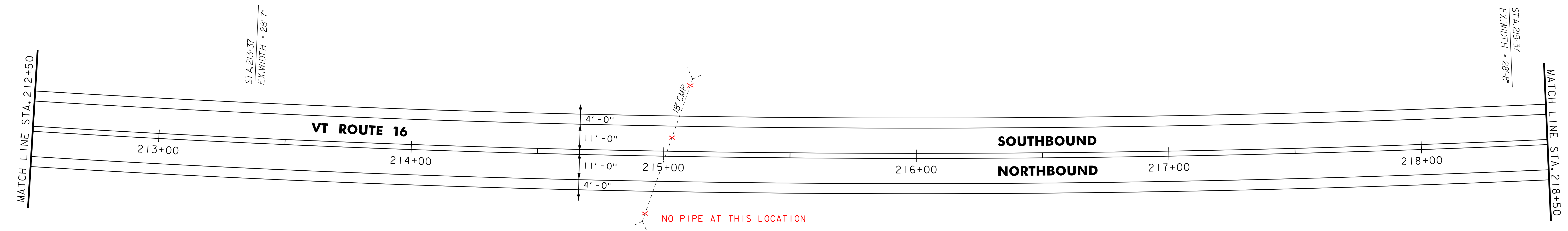
613.11 STONE FILL TYPE I
STA. 206+73, RT (SLOPE EROSION REPAIR)

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI 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 RADI 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

646.612 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:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.

NOT TO SCALE

PROJECT LAYOUT SHEET #6



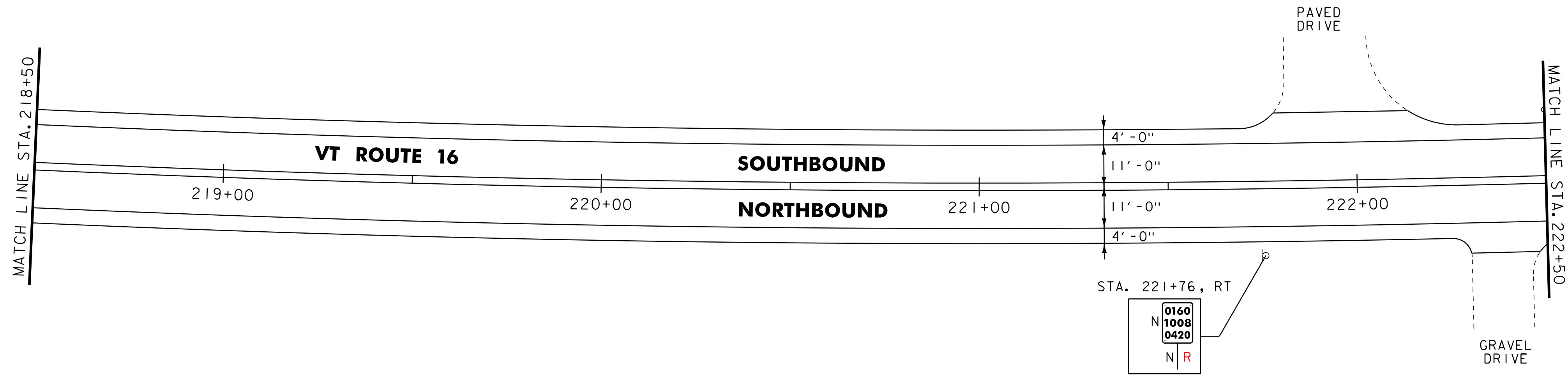
PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	IPARM FILE: p01b034I06.i	SHEET 18 OF 60

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 @ 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 @ BREAKS FOR SIDE ROADS)
 STA. 218+50 TO 222+50, SOLID LT & RT



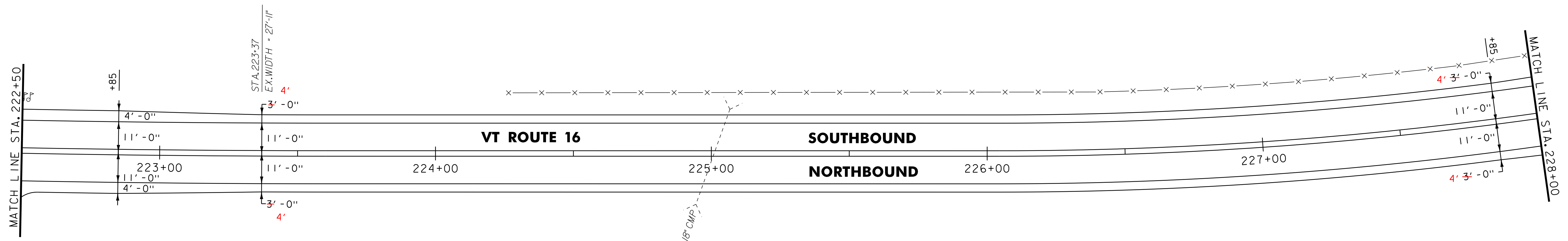
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 222+50 TO 228+00, SOLID LT & RT

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

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



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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)

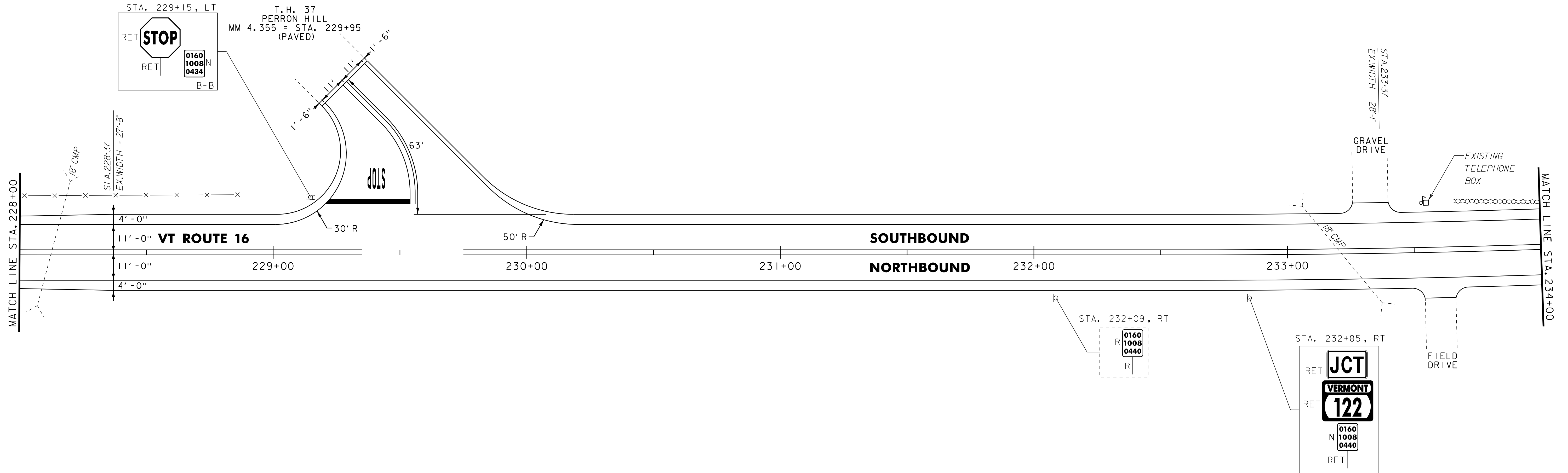
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 229+95, LT (PERRON HILL)

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

NEW STOP SIGN WAS INSTALLED 5/11
 UNDER STATEWIDE SIGN PORJECT



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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, RT
 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"

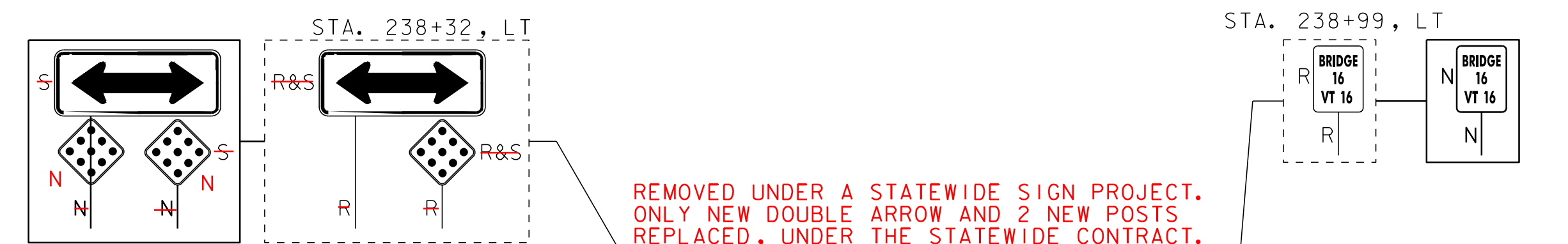
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 234+00 TO 239+50, SOLID LT & RT
 STA. 238+27, SOLID RT (VT ROUTE 122)
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 234+00 TO 239+50,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

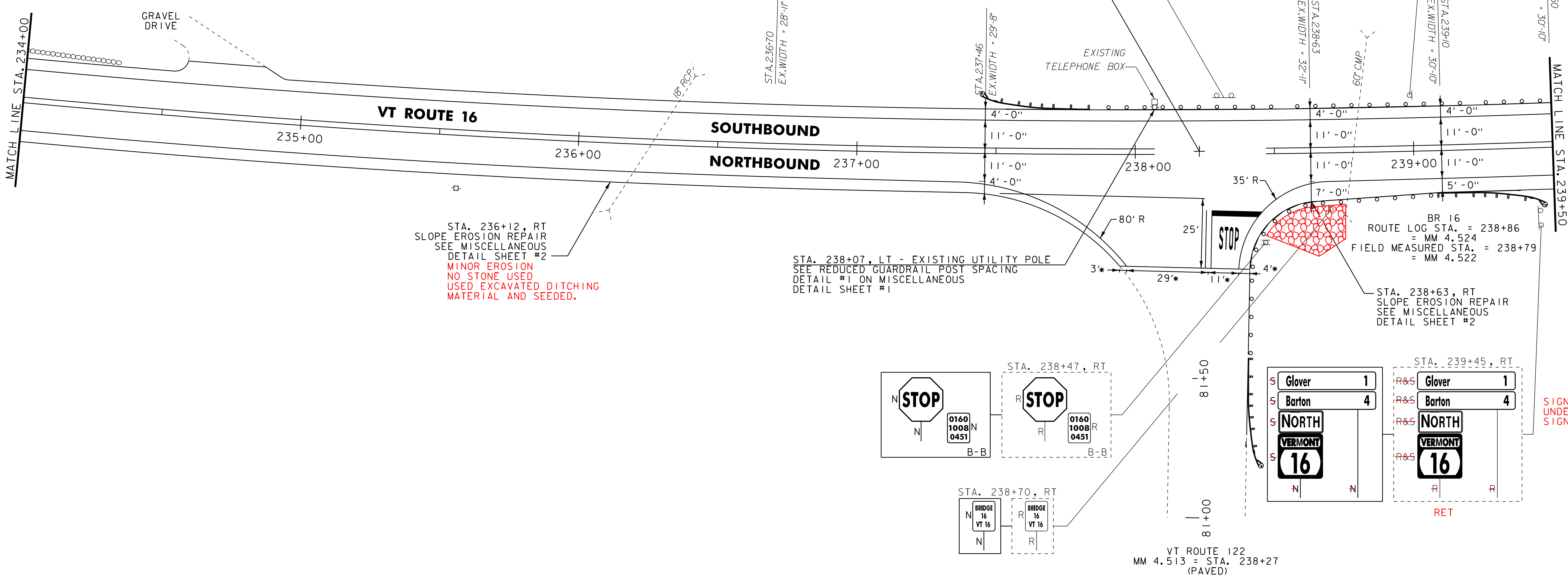
619.17 YIELDING MARKER POSTS
 STA. 236+20, LT & RT
 621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
 VT 122 81+56.5 TO VT16 239+09 RT

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

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



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



SIGNS REPLACED 5/11
 UNDER STATEWIDE
 SIGN PROJECT.

* MATCH EXISTING PAVEMENT MARKINGS
 ON VT ROUTE 122

- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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	PLOT DATE: 28-NOV-2012 15:0
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC	
IPARM FILE: p01b034I09.i	SHEET 21 OF 60	

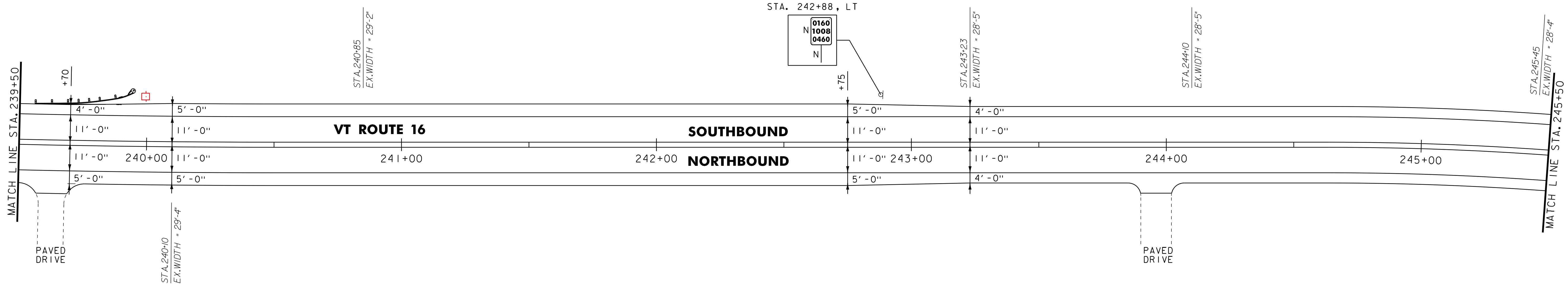


621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 239+50.0 TO 239+57.0, LT
~~621.50 MANUFACTURED TERMINAL SECTION, FLARED~~
~~STA. 239+57.0 TO 239+94.5, LT~~
 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 239+50 TO 239+89, LT
 84.5

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

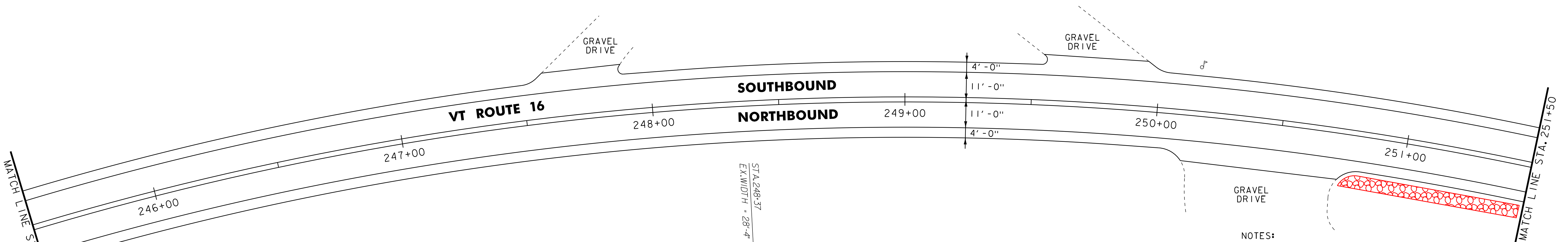
621.60 ANCHOR FOR STEEL BEAM RAIL
 STA. 239+95, LT



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 1
 STA. 250+70 TO 251+50 RT



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

NOT TO SCALE

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: p01b034\10.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

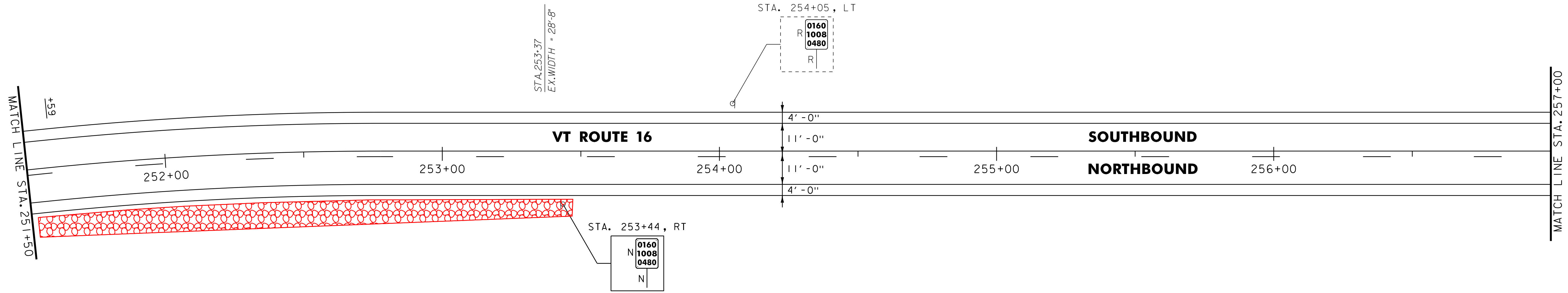
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 251+50 TO 251+59, SOLID LT & RT
 STA. 251+59 TO 257+00, SOLID LT, DASHED RT

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)

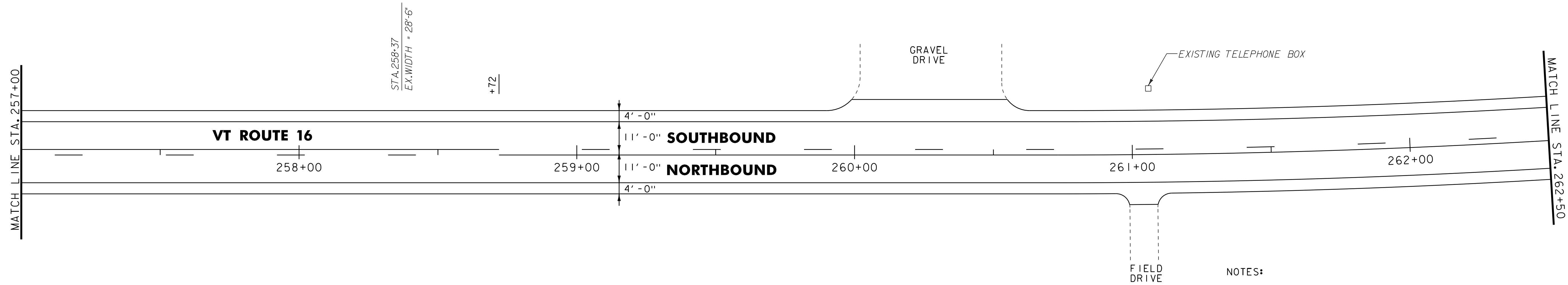


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 257+00 TO 262+50, SOLID LT & RT

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



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

NOT TO SCALE

PROJECT LAYOUT SHEET #11	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC	SHEET 23 OF 60
	IPARM FILE: p01b034I11.i		



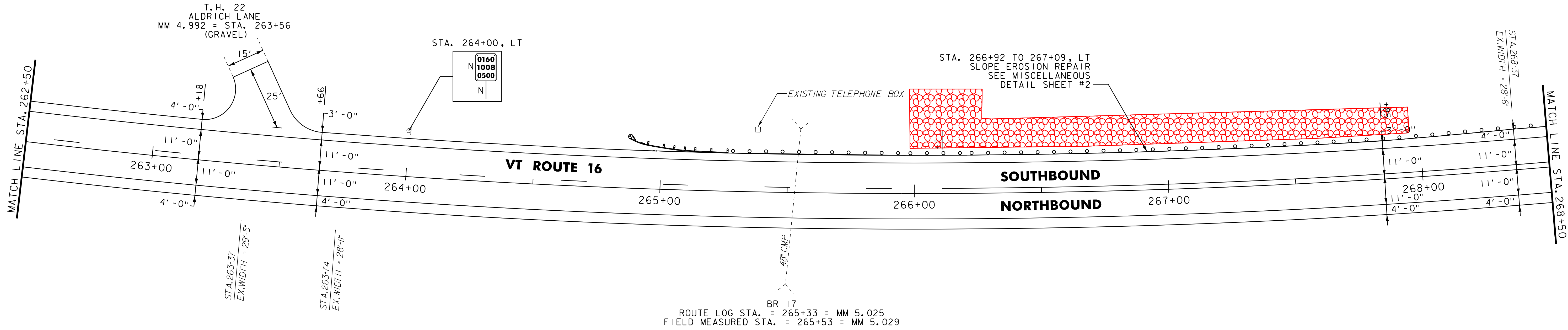
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 265+25.0 TO 268+50.0, LT
 621.50 MANUFACTURED TERMINAL SECTION, FLARED
 STA. 264+87.5 TO 265+25.0, LT
 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 265+28 TO 268+50, LT

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)



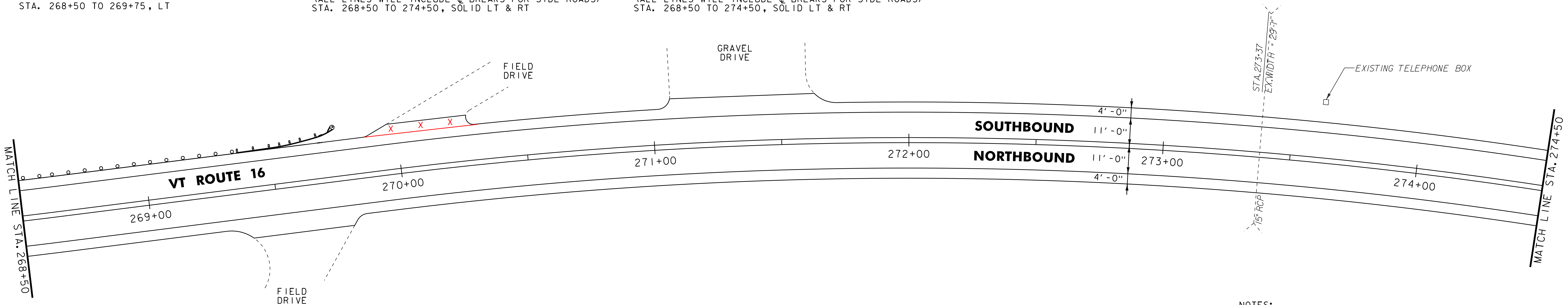
BR 17
 ROUTE LOG STA. = 265+33 = MM 5.025
 FIELD MEASURED STA. = 265+53 = MM 5.029

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(I)

FILE NAME: p01b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p01b034i12.i

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

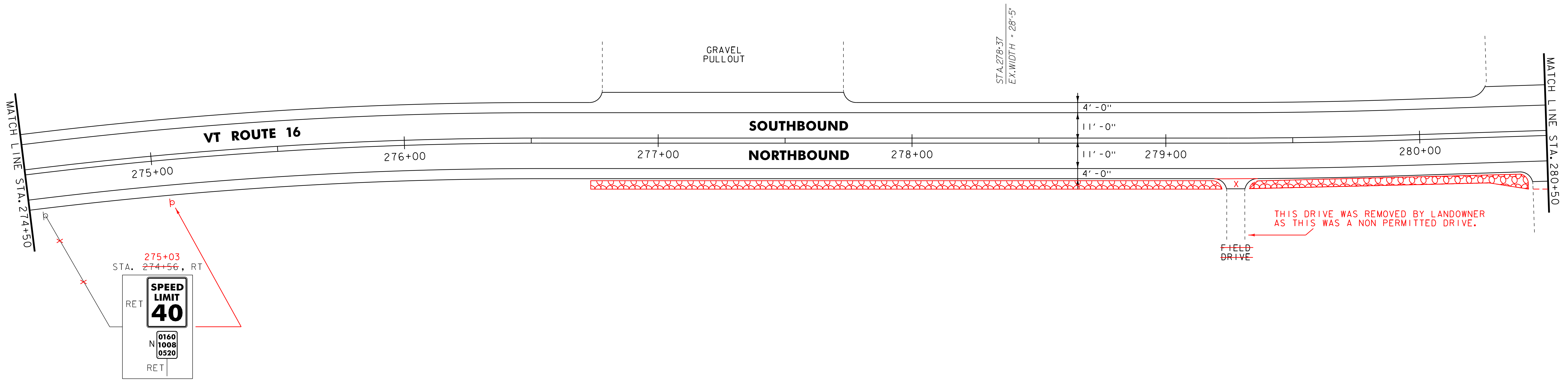
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 274+50 TO 280+50, SOLID LT & RT

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 J
 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

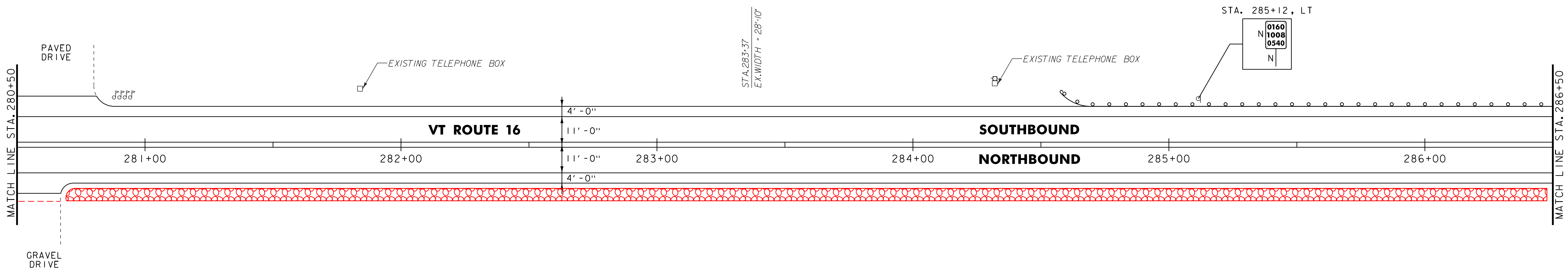
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 280+50 TO 286+50, SOLID LT & RT

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 J
 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: p01b034\13.i

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

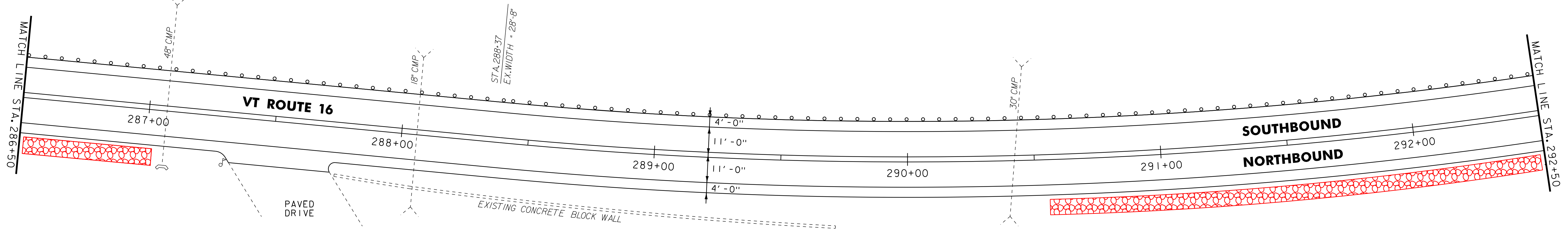
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 286+50.0 TO 292+50.0, LT
 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 286+50 TO 292+50, LT

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 @ 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 @ 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 @ BREAKS FOR SIDE ROADS)
 STA. 292+50 TO 298+50, SOLID LT & RT

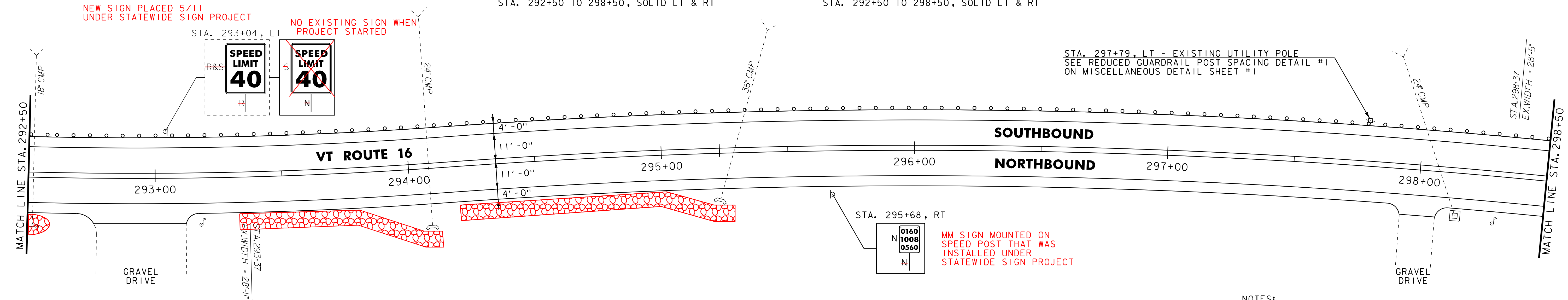
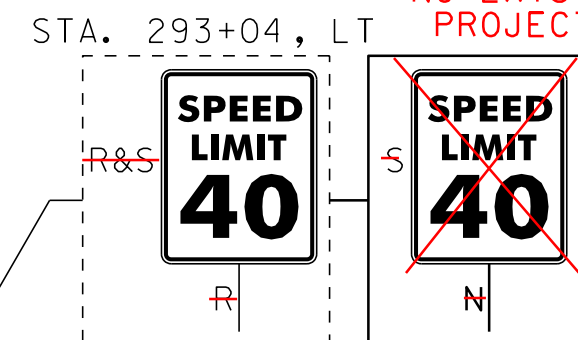
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 292+50 TO 298+50, SOLID LT & RT
 646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 292+50 TO 298+50, SOLID LT & RT

675.50 REMOVING SIGNS
 AS SHOWN - 1
 675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 1

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)

NEW SIGN PLACED 5/11
 UNDER STATEWIDE SIGN PROJECT

NO EXISTING SIGN WHEN
 PROJECT STARTED



NOTES:

1. FOR LEGENDS, SEE LAYOUT SHEET #1.
2. 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, CBS OR MHS, 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 RADI 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 RADI FOR SIDE ROADS)

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

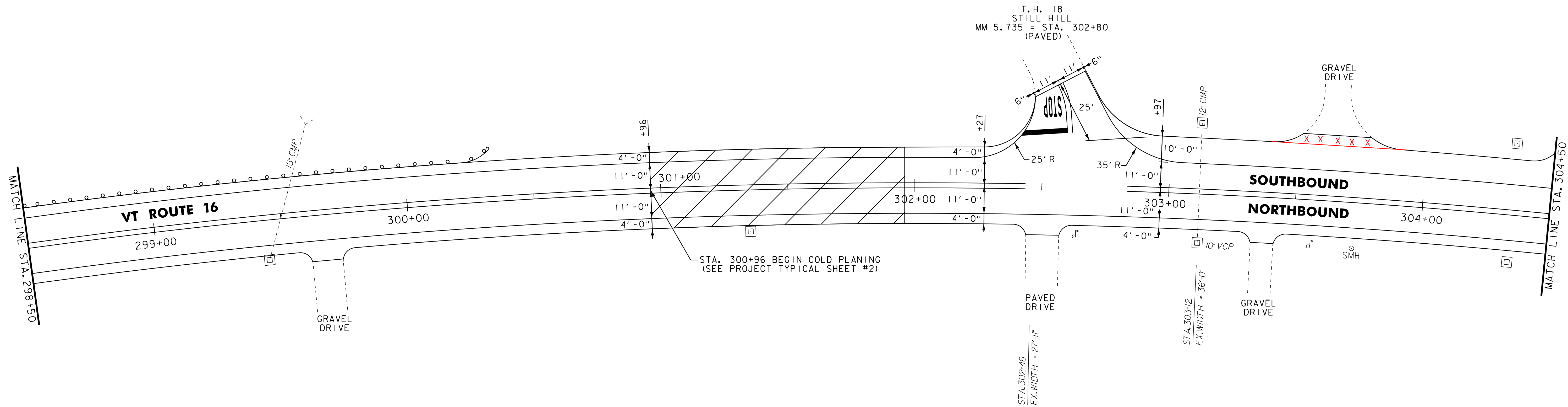
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)

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

NOT TO SCALE

PROJECT LAYOUT SHEET #15	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
		DESIGNED BY: STANTEC	CHECKED BY: STANTEC

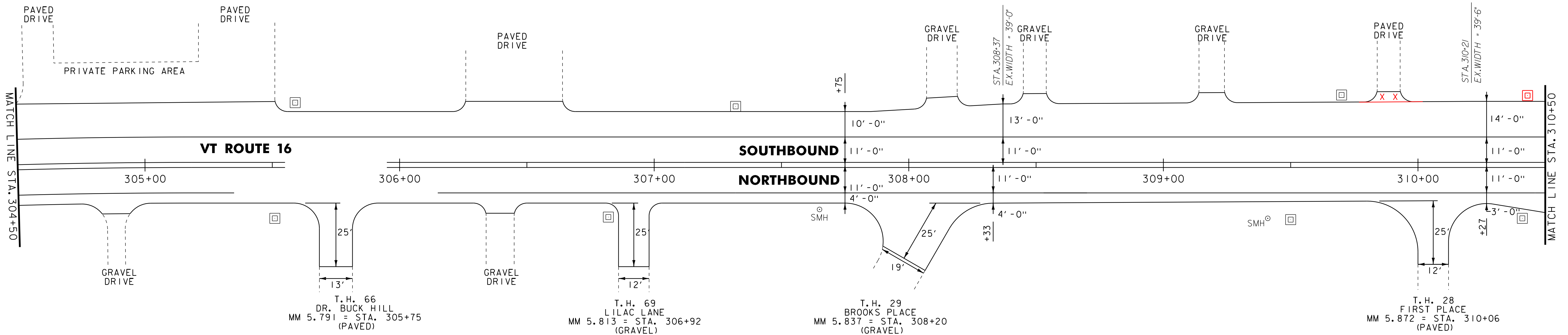
TRANSITION AREA
SEE PROJECT TYPICAL SHEET #2



604.412 OR 604.415 REHAB.
 DIS, CBS OR MHS, 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 @ 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 @ 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	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
		DESIGNED BY: STANTEC	CHECKED BY: STANTEC
		IPARM FILE: p01b034116.i	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

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

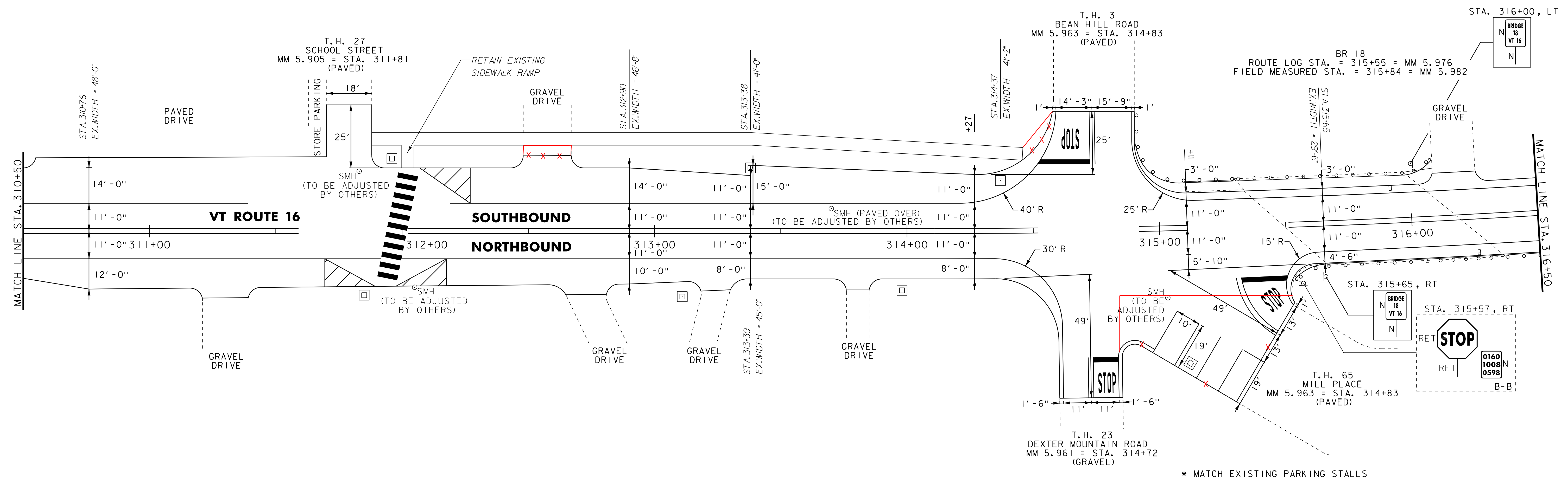
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR SIDE ROADS)
 STA. 310+50 TO 316+50, SOLID LT & RT
 (INCLUDES DIAGONALS)
 STA. 314+72, SOLID RT (DEXTER MOUNTAIN ROAD)
 STA. 314+83, SOLID LT (BEAN HILL ROAD)
 STA. 314+83, SOLID RT (MILL PLACE)
 STA.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

646.622 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"

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

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



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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	PLOT DATE: 28-NOV-2012 15:00
PROJECT LEADER: JLL	DRAWN BY: STANTEC	
DESIGNED BY: STANTEC	CHECKED BY: STANTEC	
IPARM FILE: p01b034I17.i	SHEET 29 OF 60	



604.412 OR 604.415 REHAB.
DIS. CBS OR MHS, 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 HO 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
RADI FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

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

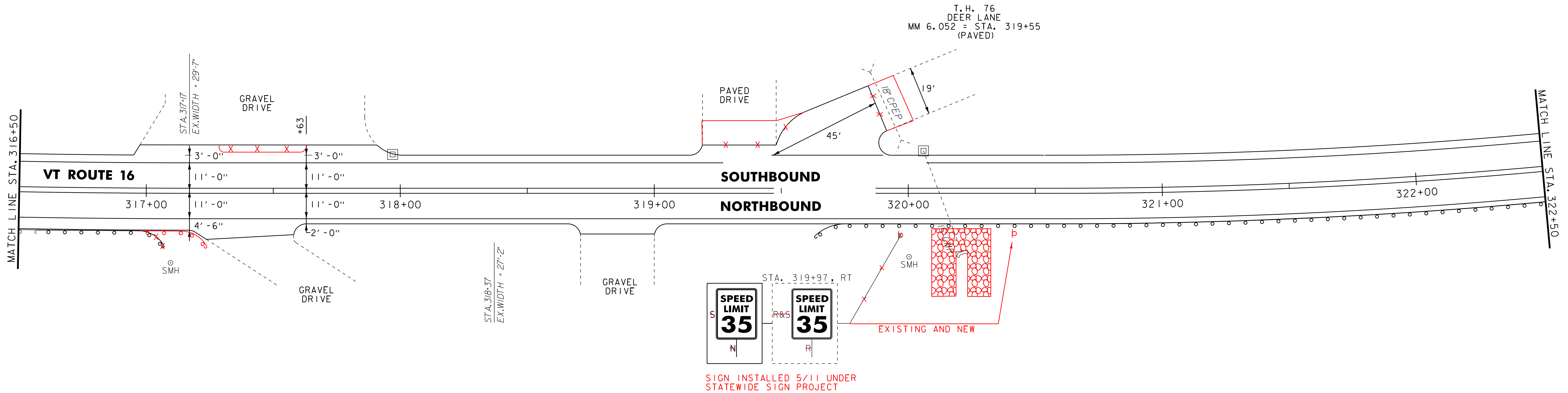
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 316+50 TO 322+50, SOLID LT & RT

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 I
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: p01b034\18.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, CBS OR MHS, CLASS I OR II
STA. 322+84, LT
STA. 325+17, LT

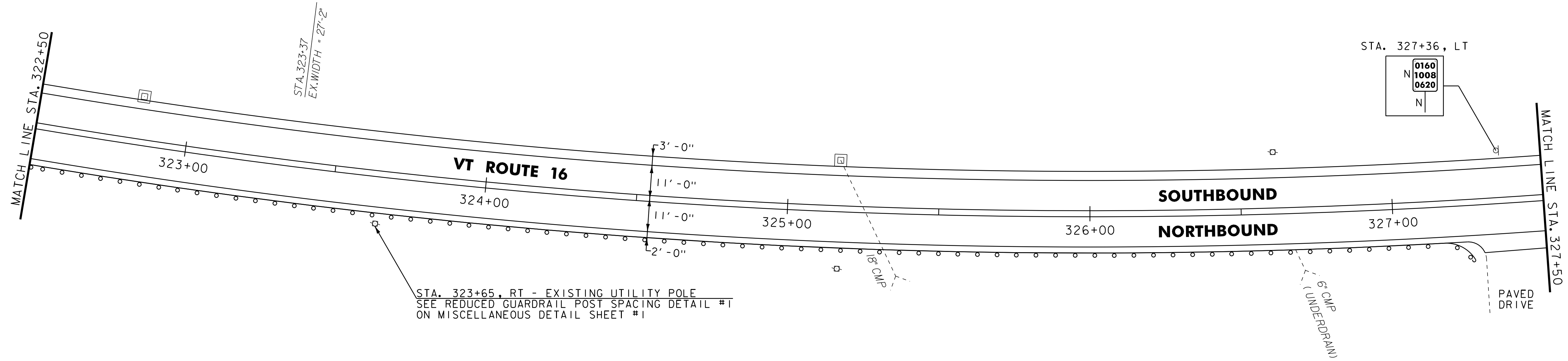
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
STA. 322+50.0 TO 327+26.0, RT
30
621.60 ANCHOR FOR STEEL BEAM RAIL
STA. 327+26.0, RT
30
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 322+50 TO 327+26, RT
27.5

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI1 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
RADI1 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

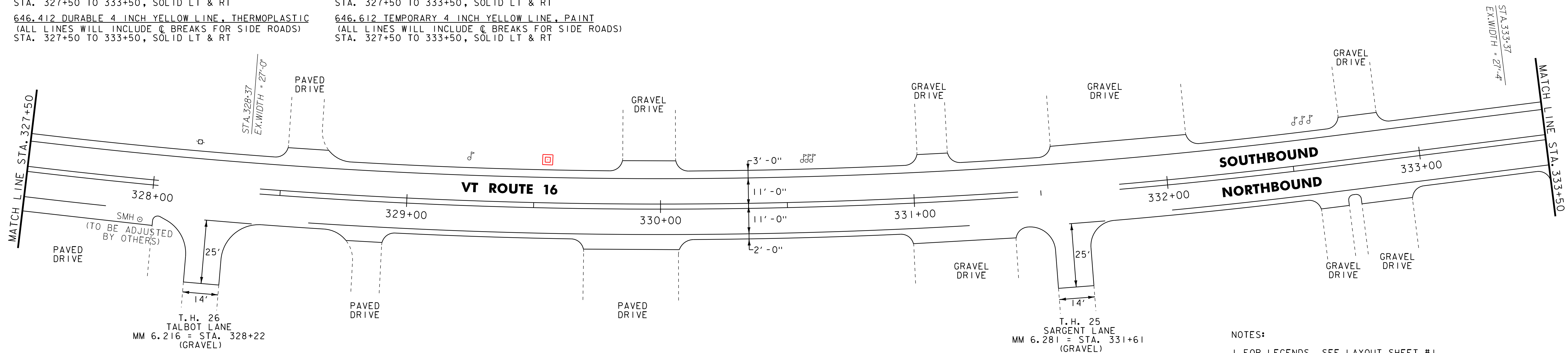
621.205 STEEL BEAM GUARDRAIL, WITH 8FT POST
STA. 319+63.5 TO 327+30, RT



646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI1 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
RADI1 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 DJ
STA. 329+65, LT



- NOTES:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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 RADI1 FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ 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 RADI1 FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT
STA. 335+09, DOUBLE SOLID LT (BAILEY LANE)

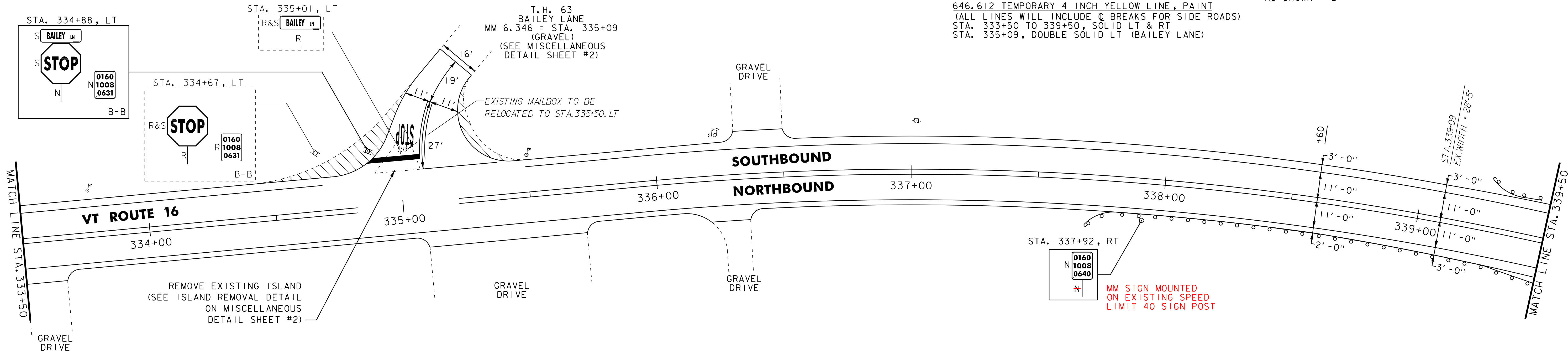
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 333+50 TO 339+50, SOLID LT & RT
STA. 335+09, DOUBLE SOLID LT (BAILEY LANE)

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

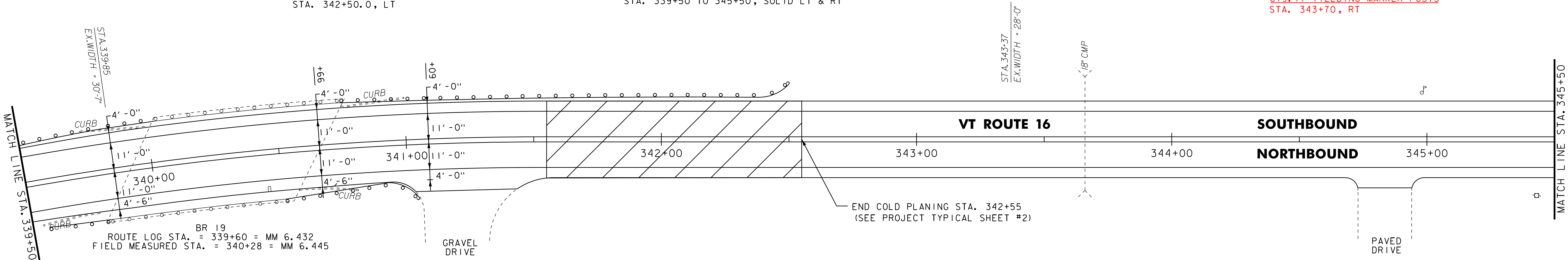
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE @ 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 RADI1 FOR SIDE ROADS)
STA. 339+50 TO 345+50, SOLID LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ 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

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 15:00
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 32 OF 60

TRANSITION AREA
SEE PROJECT TYPICAL SHEET #2



604.412 OR 604.415 REHAB.
DIS, CBS OR MHS, CLASS I OR II
STA. 345+97, RT

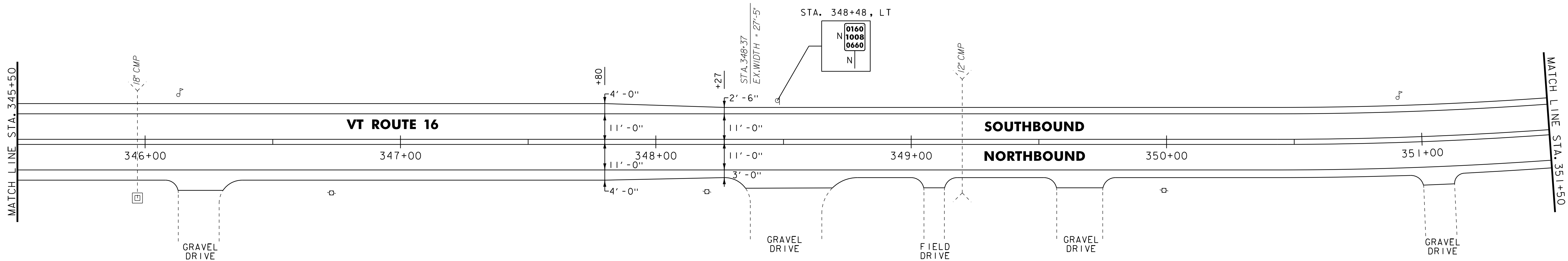
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 345+50 TO 351+50, SOLID LT & RT

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

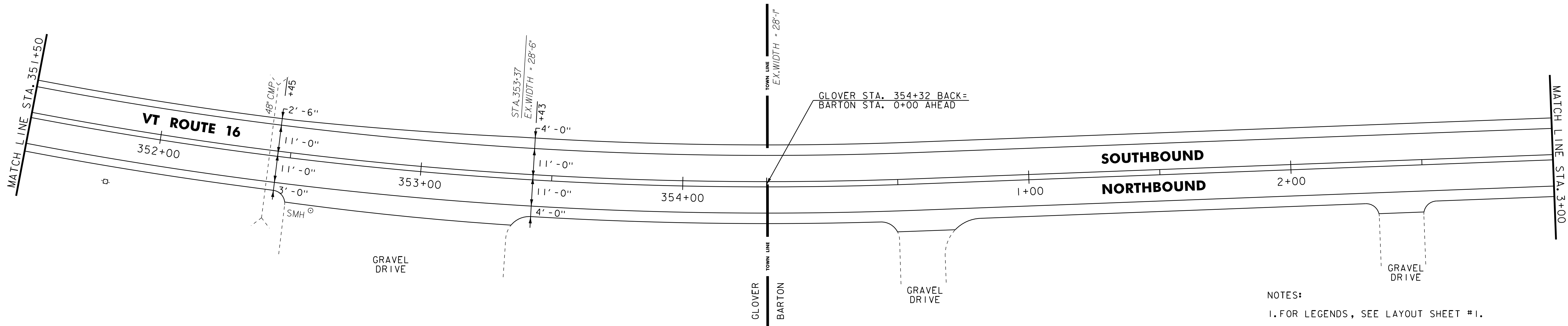


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
GLOVER STA. 351+50 TO BARTON STA. 3+00, SOLID LT & RT

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:
- FOR LEGENDS, SEE LAYOUT SHEET #1.
 - 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 15:00
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

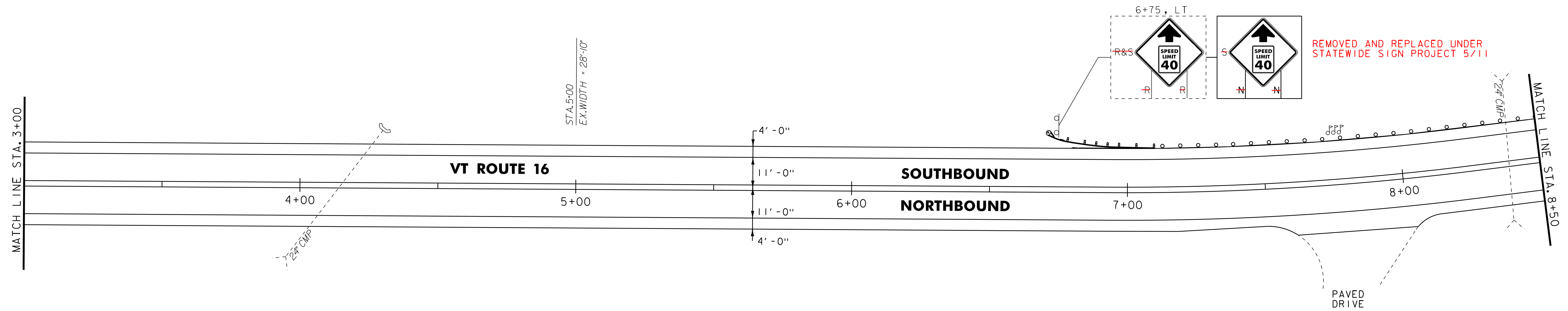
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 3+00 TO 8+50, SOLID LT & RT

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)

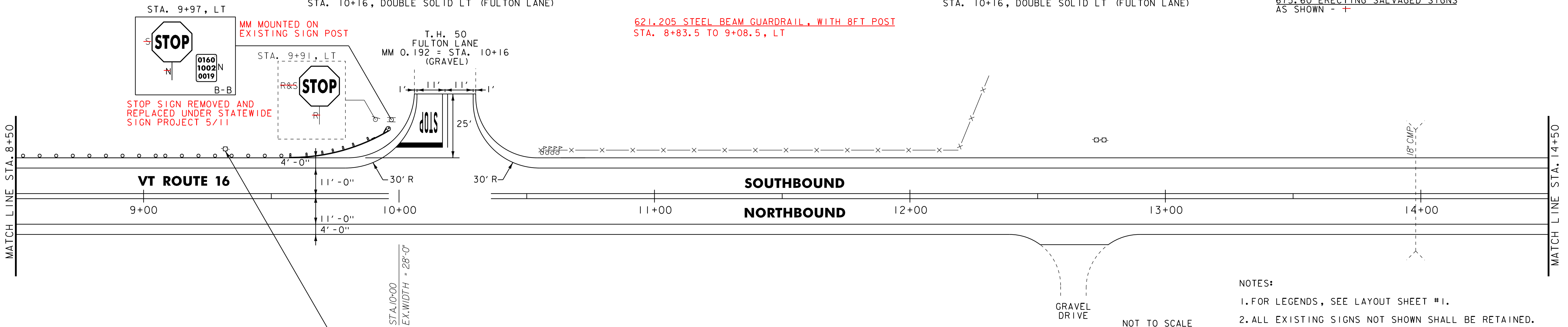
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 8+50 TO 14+50, SOLID LT & RT
 STA. 10+16, DOUBLE SOLID LT (FULTON LANE)

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 - +



STA. 9+32, LT - EXISTING UTILITY POLE
 SEE REDUCED GUARDRAIL POST SPACING DETAIL #2
 ON MISCELLANEOUS DETAIL SHEET #1

- 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**

NOT TO SCALE

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

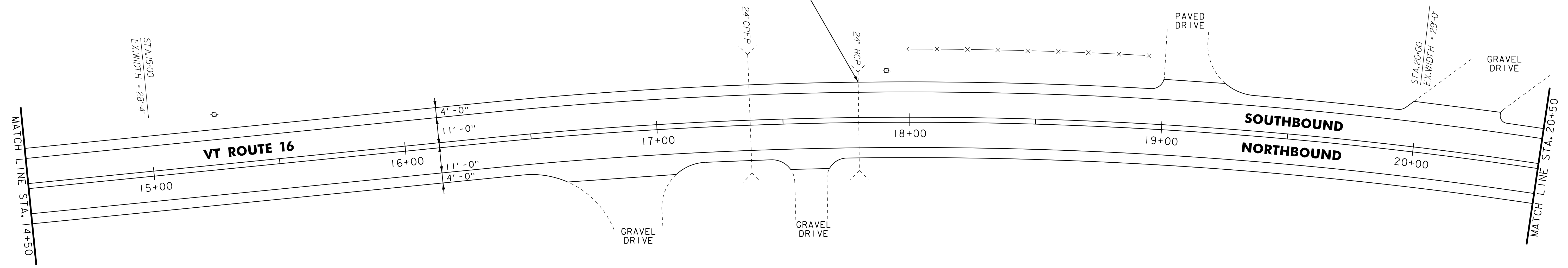
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 14+50 TO 20+50, SOLID LT & RT

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

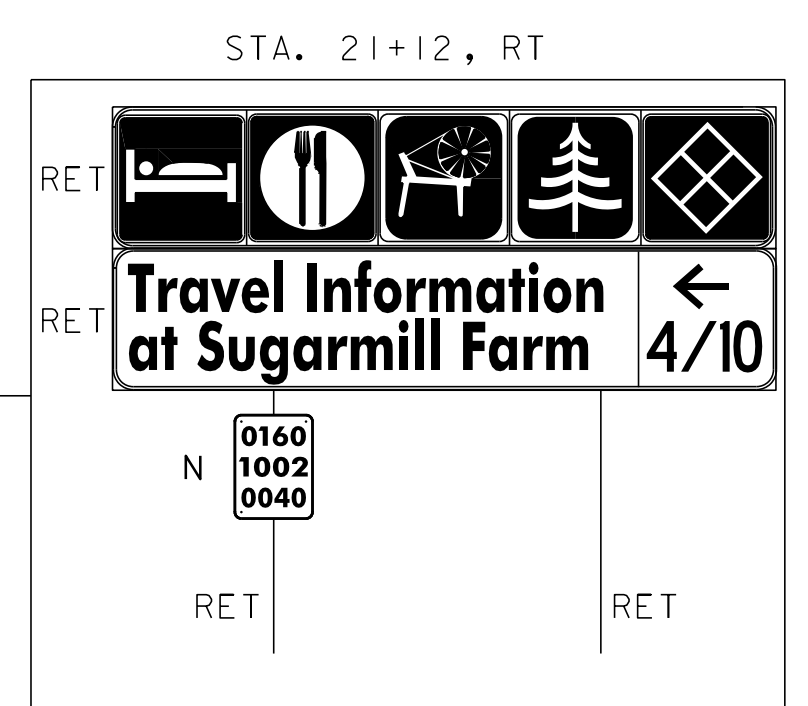
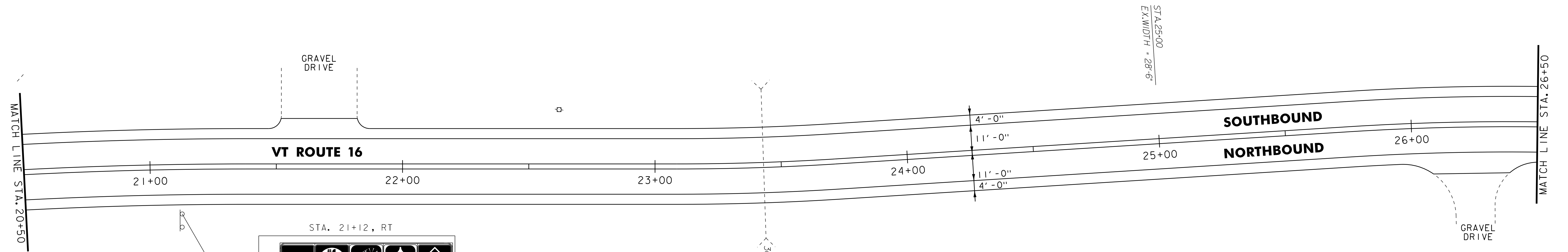


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 20+50 TO 26+50, SOLID LT & RT

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



- 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 15:00
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 35 OF 60



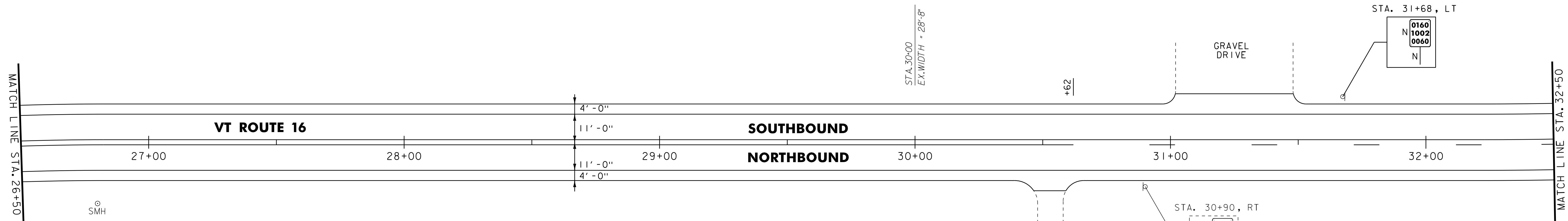
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 26+50 TO 32+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (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

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 26+50 TO 32+50, SOLID LT & RT

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

675.50 REMOVING SIGNS
 AS SHOWN - 1

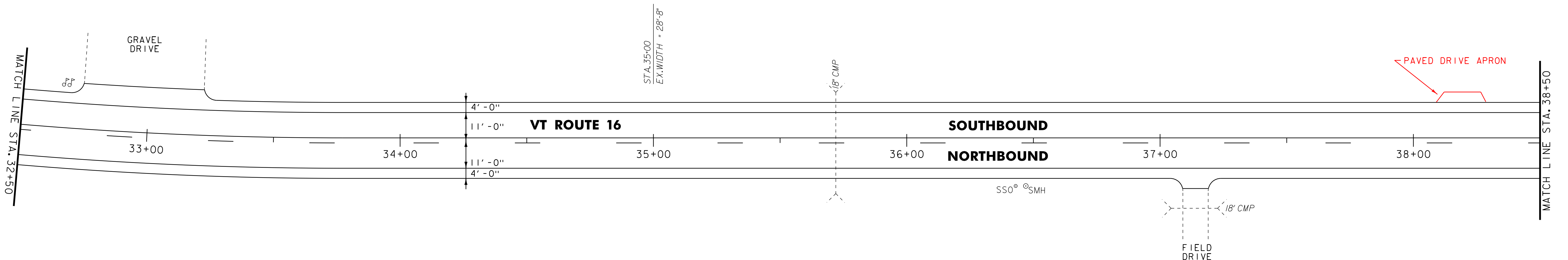


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 32+50 TO 38+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 32+50 TO 38+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. 32+50 TO 38+50, SOLID LT & RT

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



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

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #24**



PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC
	IPARM FILE: p01b034I24.i	SHEET 36 OF 60

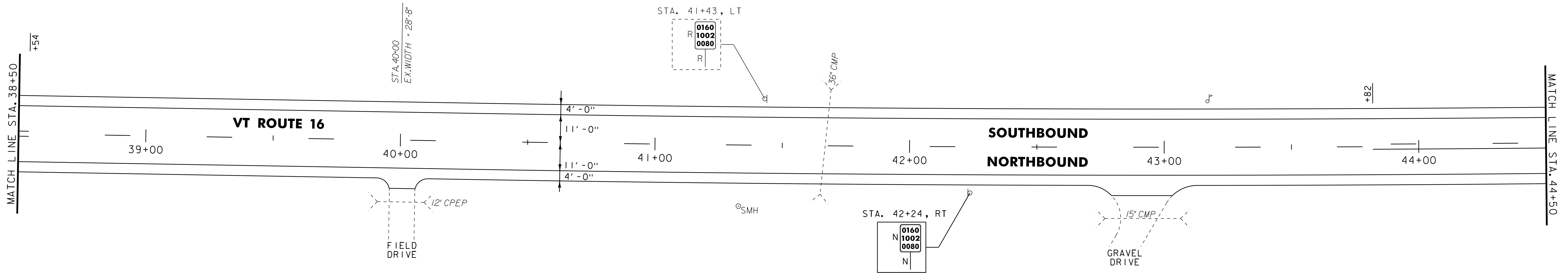
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 38+50 TO 44+50, SOLID LT & RT

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 - I

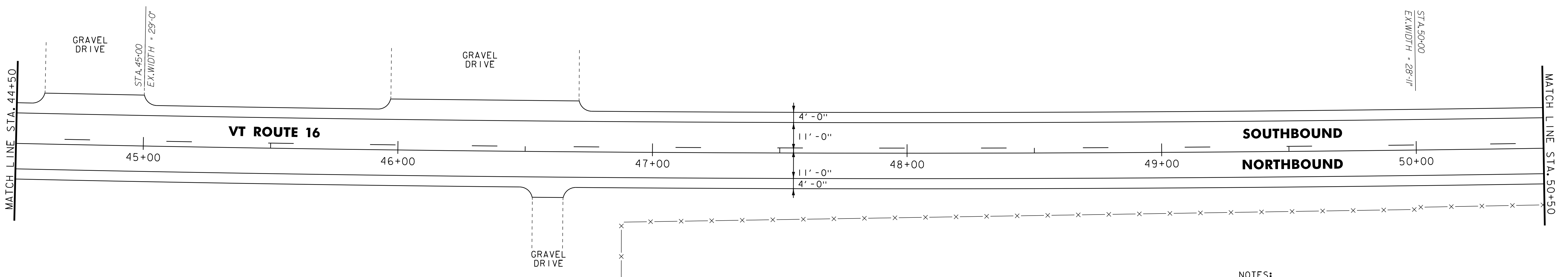


646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 44+50 TO 50+50, SOLID LT & RT

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

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #25**



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

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

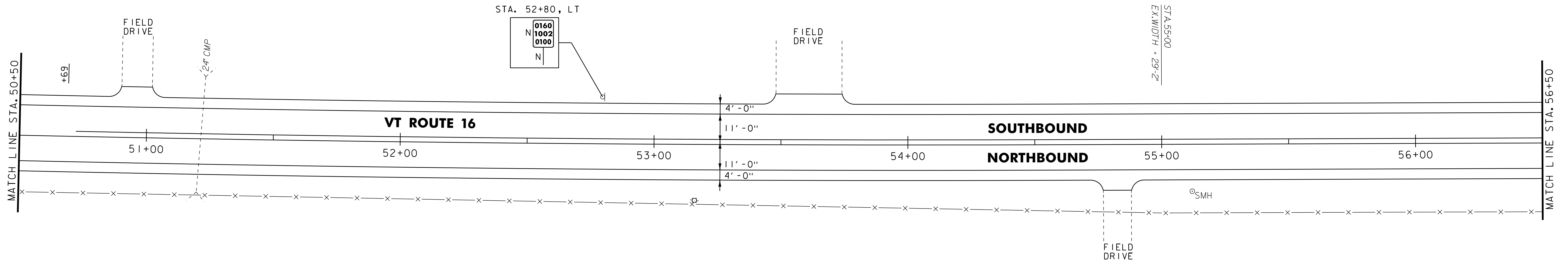
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 50+50 TO 56+50, SOLID LT & RT

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
 RADII 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:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. 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

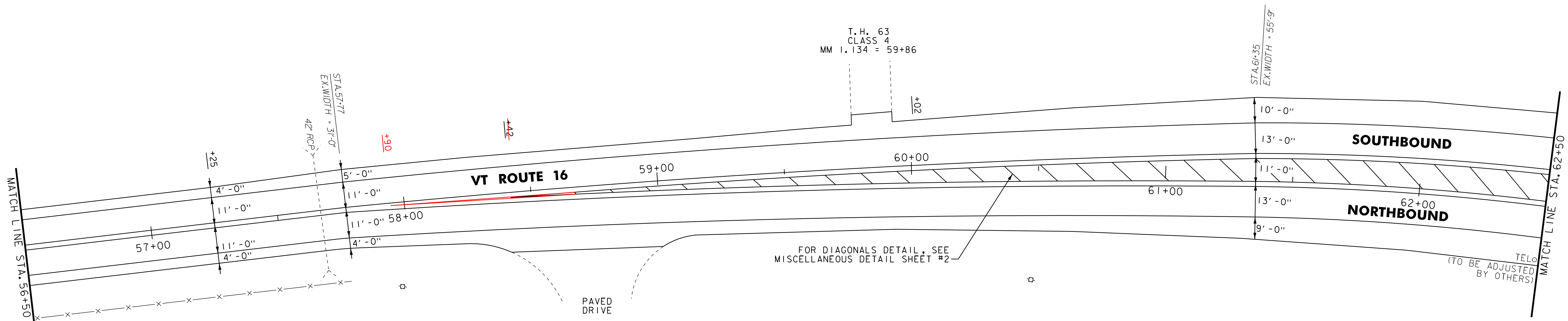
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 56+50 TO 62+50, SOLID LT & RT

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
RADI1 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
RADI1 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

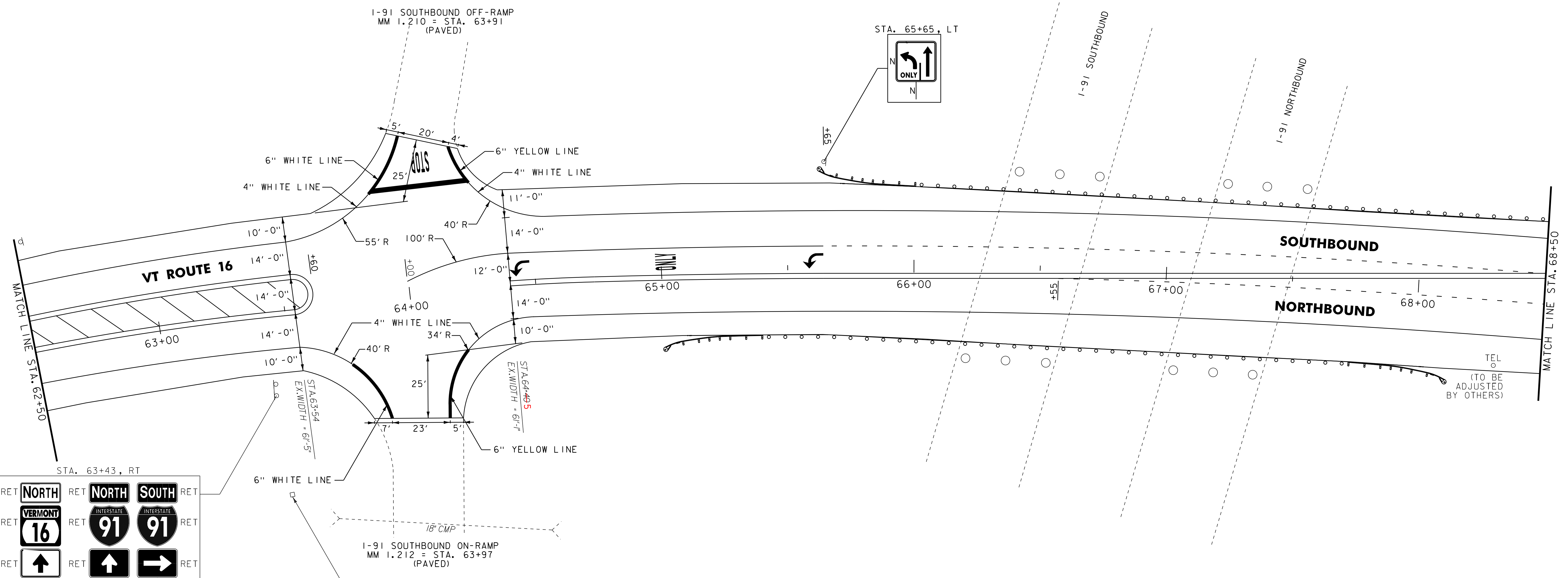
STA. 63+91, SOLID LT (I-91 SOUTHBOUND OFF-RAMP)
STA. 63+97, SOLID RT (I-91 SOUTHBOUND ON-RAMP)

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



RET	NORTH	RET	NORTH	SOUTH	RET
RET	VERMONT	RET	91	91	RET
RET	16	RET	↑	→	RET
RET	0160	RET	1002	0120	RET
RET		RET			RET

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

PROJECT LAYOUT SHEET #28	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(I)	DESIGNED BY: STANTEC	DRAWN BY: STANTEC
		IPARM FILE: p01b034I28.i	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 RADIUS 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 RADIUS 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)

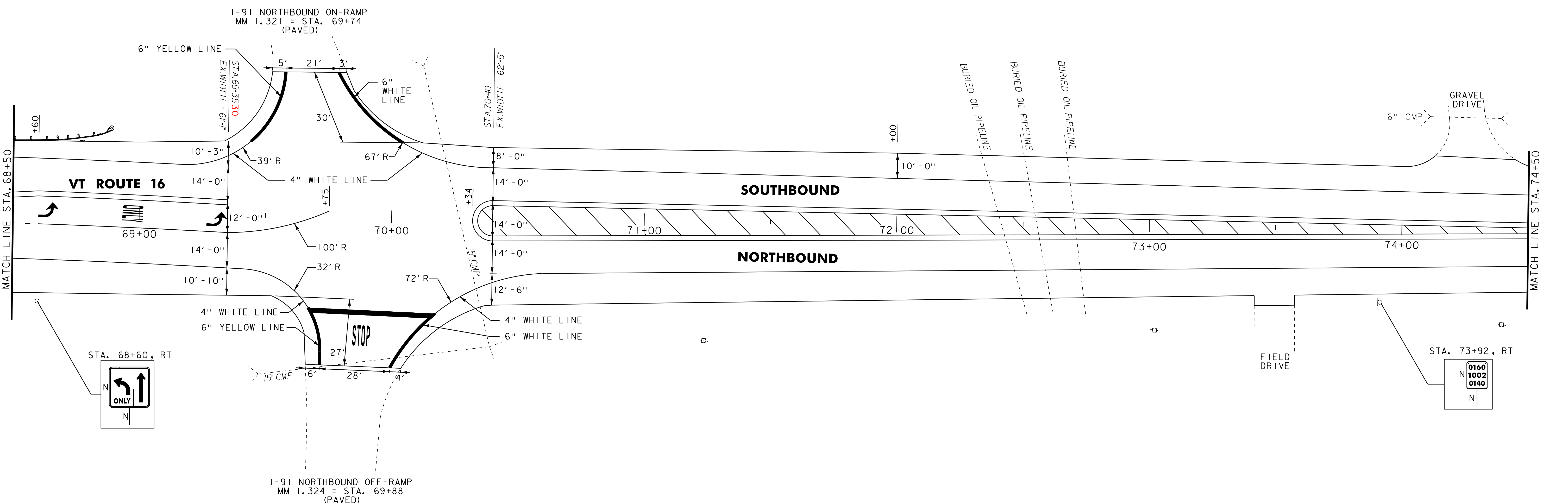
646.692 TEMPORARY LETTER OR SYMBOL, PAINT

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

NOT TO SCALE

PROJECT LAYOUT SHEET #29	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
		DESIGNED BY: STANTEC	CHECKED BY: STANTEC

IPARM FILE: p01b034I29.i



616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 78+58 TO 80+50, RT
 (SEE DETAIL ON MISCELLANEOUS DETAIL SHEET #2)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 76+99.5 TO 80+50.0, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
 STA. 76+62.0 TO 76+99.5, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 76+62 TO 80+50, LT

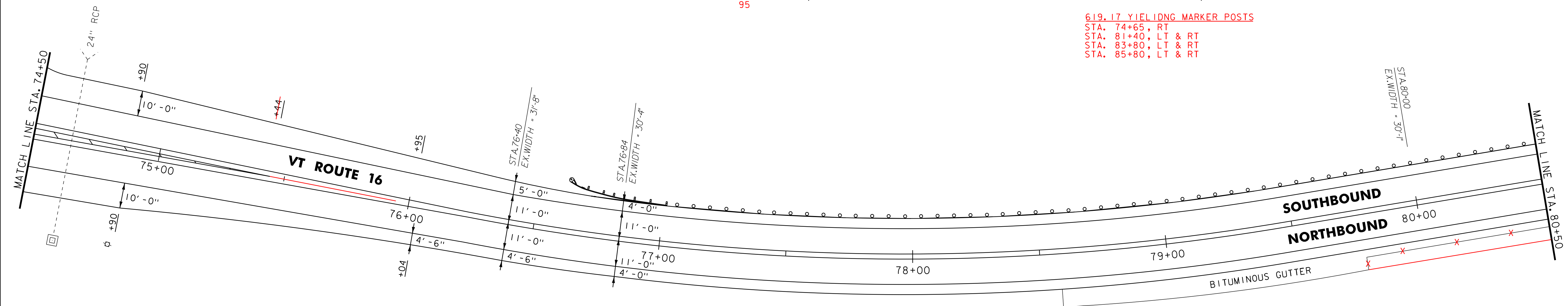
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 74+50 TO 80+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (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

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



604.412 OR 604.415 REHAB.
 DIS, CBS OR MHS, CLASS I OR II
 STA. 81+40, RT
 STA. 83+86, RT
 STA. 85+90, RT
 STA. 86+27, RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 80+50.0 TO 85+74.5, LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED
 STA. 85+74.5 TO 86+12.0, LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 80+50 TO 86+12, LT

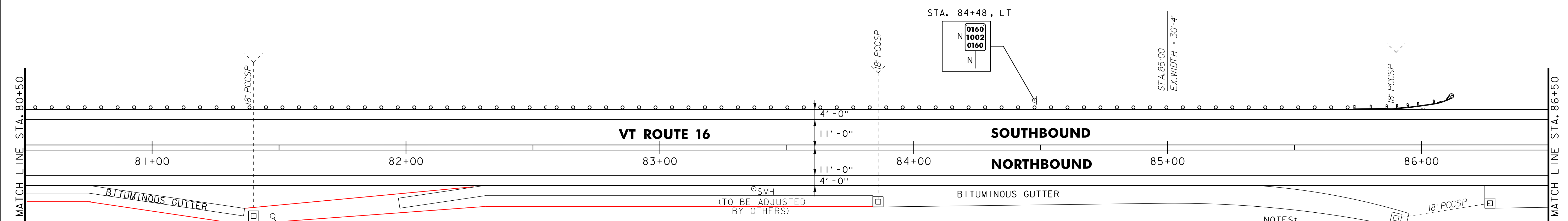
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 80+50 TO 86+50, SOLID LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 80+50 TO 86+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. 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

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 80+50 TO 81+37, RT
 STA. 81+97 TO 85+94, RT 81+37
 STA. 86+25 TO 86+50, RT
 (SEE DETAIL ON MISCELLANEOUS DETAIL SHEET #2)



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

NOT TO SCALE

PROJECT LAYOUT SHEET #30

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

FILE NAME: p01b034.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p01b034I30.i

PLOT DATE: 28-NOV-2012 15:00
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 42 OF 60

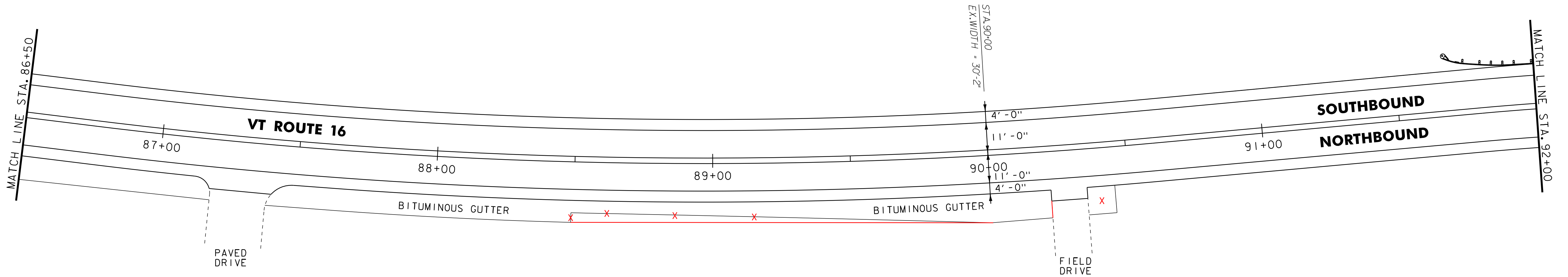


616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 86+50 TO 87+19, RT 17
 STA. 87+39 TO 90+45, RT 39
 (SEE DETAIL ON MISCELLANEOUS DETAIL SHEET #2)

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 @ 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 @ 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**

T.H. 4
 ROARING BROOK ROAD
 MM 1.769 = STA. 93+40
 (PAVED)

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 @ 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 @ BREAKS FOR SIDE ROADS)
 STA. 92+00 TO 93+03, SOLID LT & RT

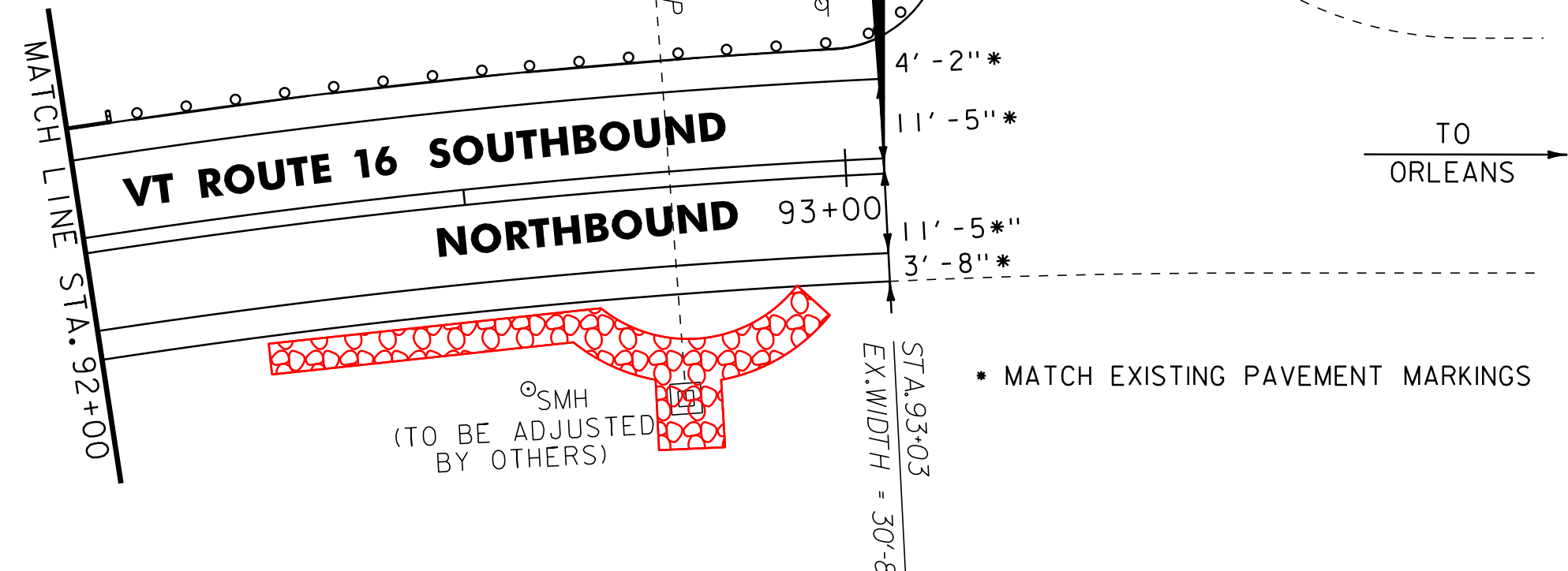
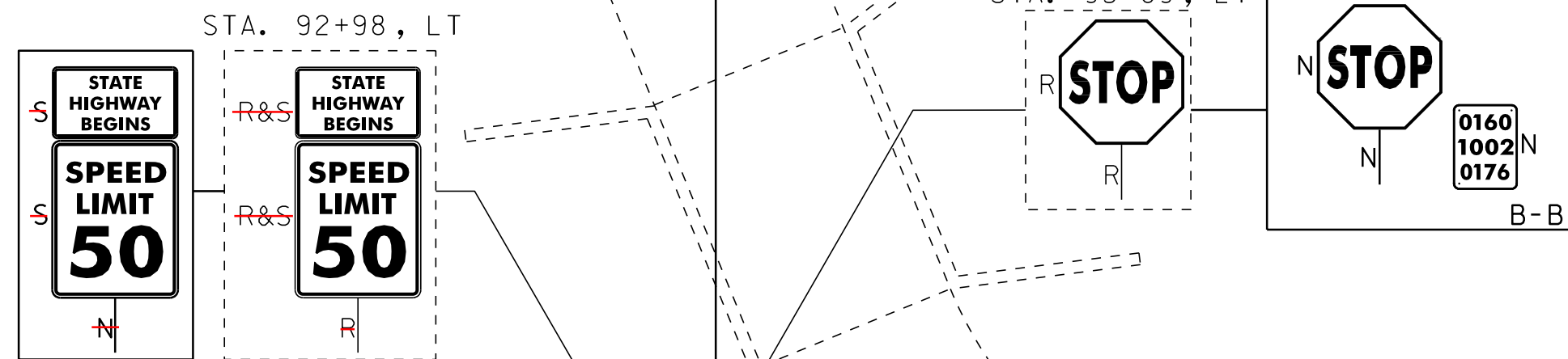
619.17 YIELDING MARKER POSTS
 STA. 92+70, LT & RT

675.50 REMOVING SIGNS
 AS SHOWN - 31

675.60 ERECTING SALVAGED SIGNS
 AS SHOWN - 2

613.10 STONE FILL, TYPE I
 STA. 92+25 TO 92+96, RT

REMOVED AND REPLACED 5/11
 UNDER STATEWIDE SIGN PROJECT



• MATCH EXISTING PAVEMENT MARKINGS

- NOTES:
1. FOR LEGENDS, SEE LAYOUT SHEET #1.
 2. 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

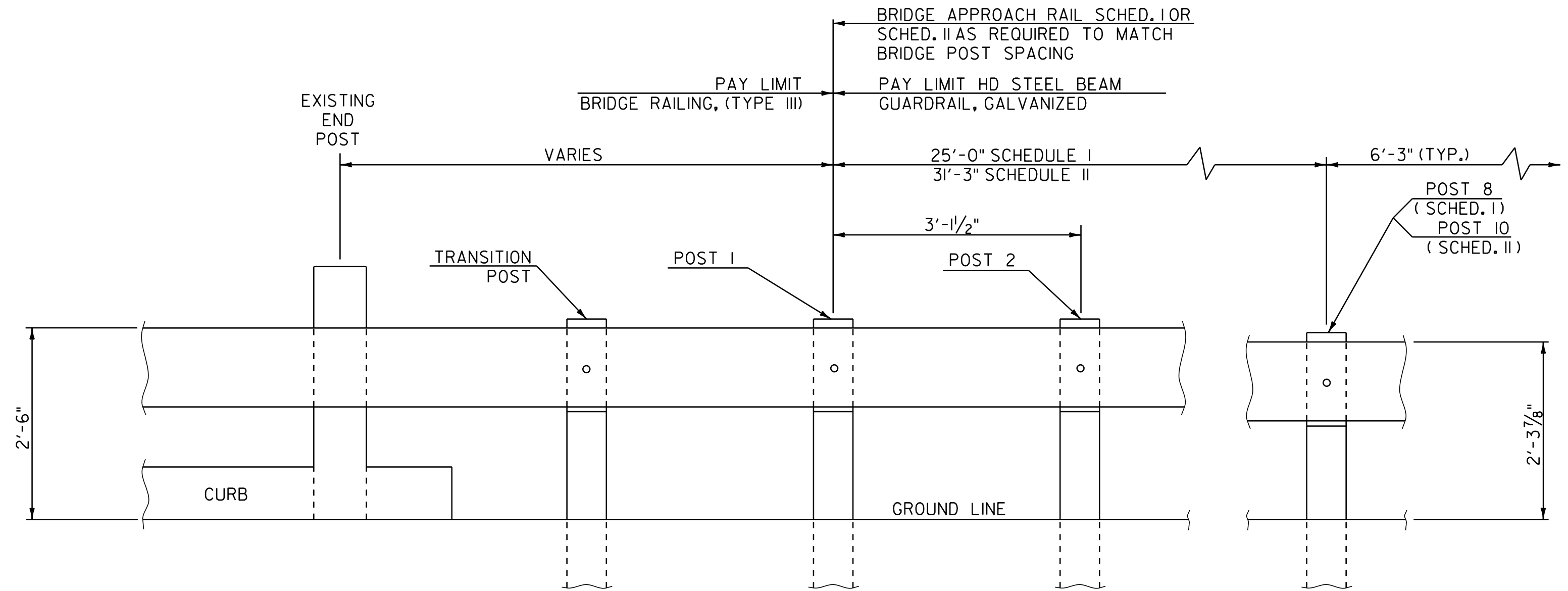
TRAFFIC SIGN SUMMARY SHEET 06

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS													REMARKS	SIGN DETAIL										
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (in)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL		FRAMING REQUIRED	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER						
											lb/ft			1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION		3.0	3.5				4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE
											1.2	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7			3.0	3.0				24"	30"				
BARTON (CONT.)																																		
OPTION ITEMS																																		
31+68, LT		I	6	10	0.42				I			X				X														E-138				
42+24, RT		I	6	10	0.42				I			X				X														E-138				
52+80, LT		I	6	10	0.42				I			X				X														E-138				
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				
65+65, LT		I	30	30	6.25				I			X				X											VR-921		E-145A					
68+60, RT		I	30	30	6.25				I			X				X											VR-921		E-145A					
73+92, RT		I	6	10	0.42				I			X				X														E-138				
84+48, LT		I	6	10	0.42				I			X				X														E-138				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."	FT FT FT FT FT FT EA LB LB LB LB LB LB LB LB LB LB										EA. LB		EA. EA. LB			PROJECT NAME: GLOVER - BARTON PROJECT NUMBER: STP 2318(I)		FILE NAME: p01b034.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p01b034tss06.i		PLOT DATE: 28-NOV-2012 15:00 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 49 OF 60	
	TOTALS	SF	SF	EA.	SF		FT	FT	EA.	LB	EA.	LB	EA.	EA.		LB					
	15.02					40	30														

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		



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"	
6	4'-2"	1.2 x 12'-6"
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"	1.0 (TYP.)
10	6'-3" (TYP.)	
11	6'-3" (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.

GENERAL NOTES

- BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
- 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.
- 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.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
- ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
- 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.
- 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 IIII/MIII OR AASHTO M 232M/M232.
- SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
- NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.

BRIDGE APPROACH RAILING

NOT TO SCALE

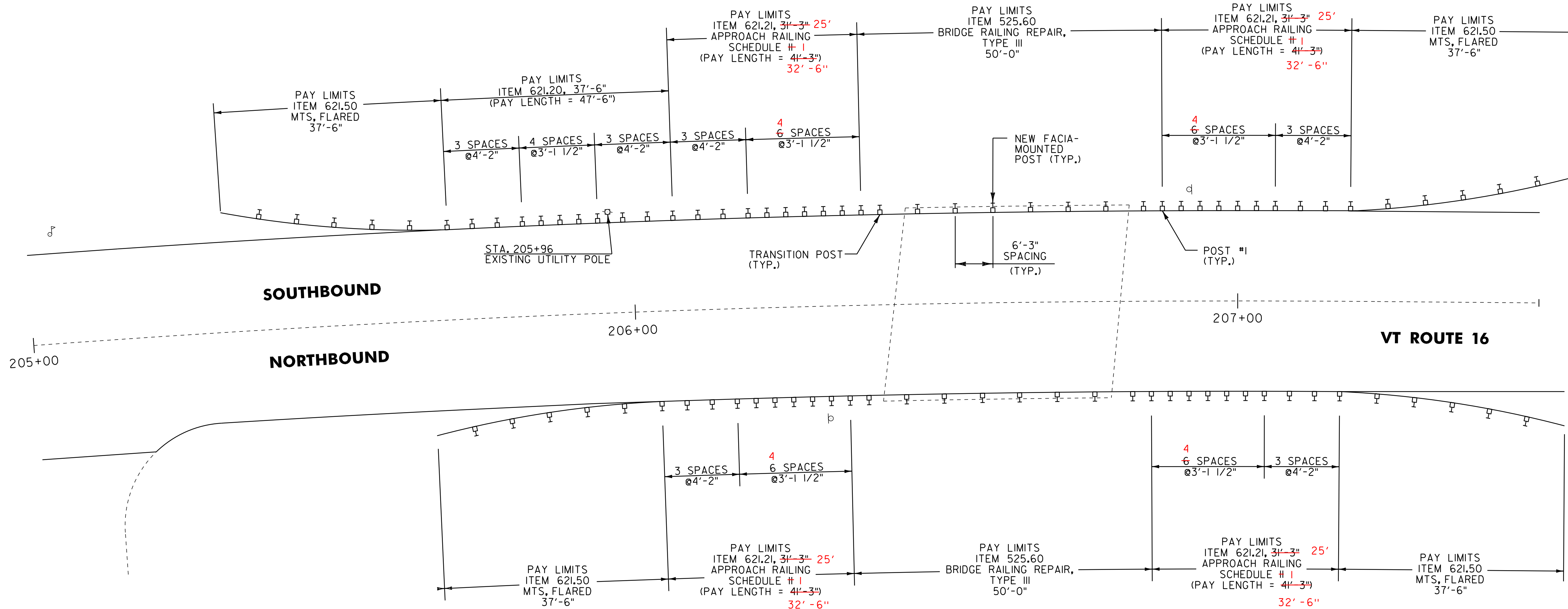
**BRIDGE
DETAIL SHEET
#1**



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

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034bds01.i

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

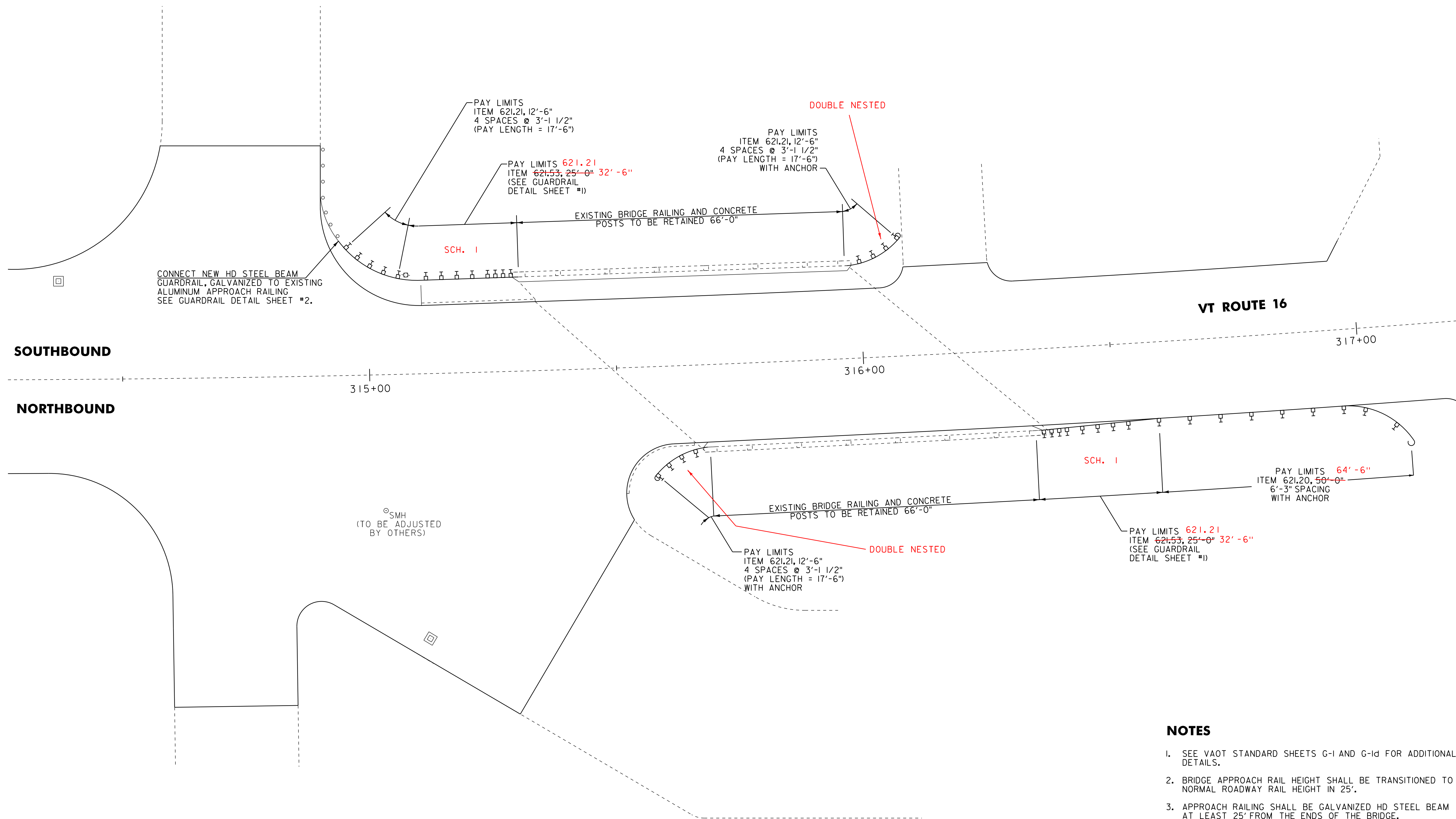
**BRIDGE
DETAIL SHEET
#2**



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
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SHEET 52 OF 60



BR 18 GLOVER MM 5.982 = STA. 315+84

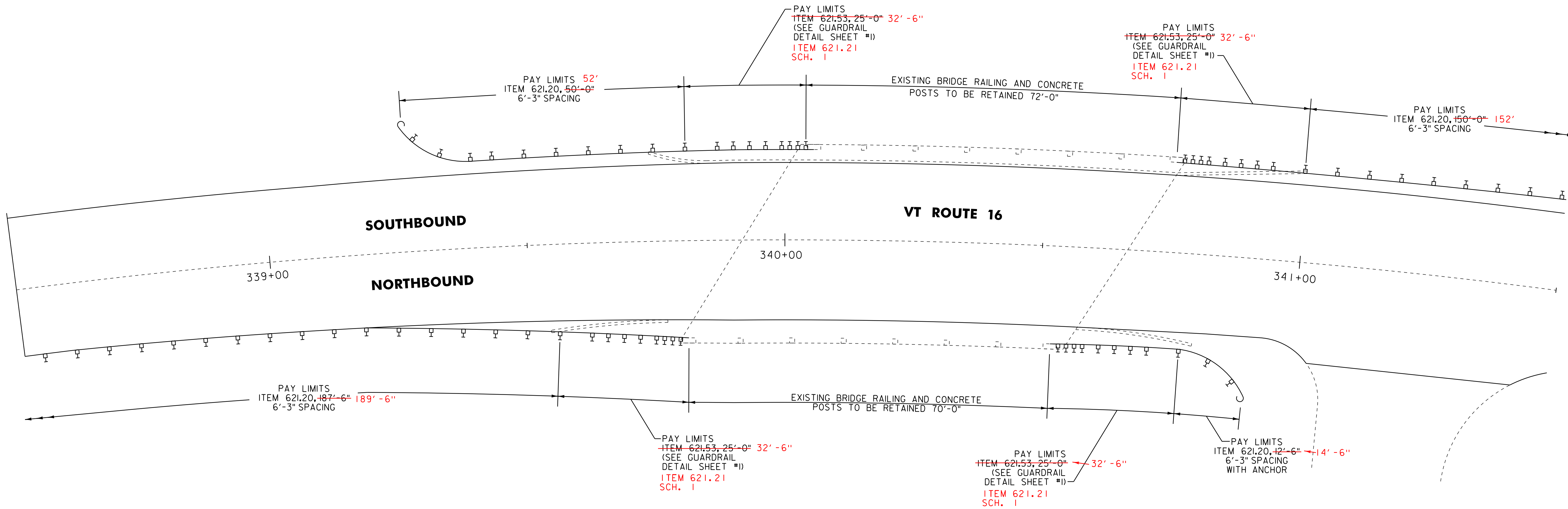
NOTES

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 #3	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:00
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC	SHEET 53 OF 60
		IPARM FILE: p01b034bds03.i	





BR 19 GLOVER MM 6.445 = STA. 340+28

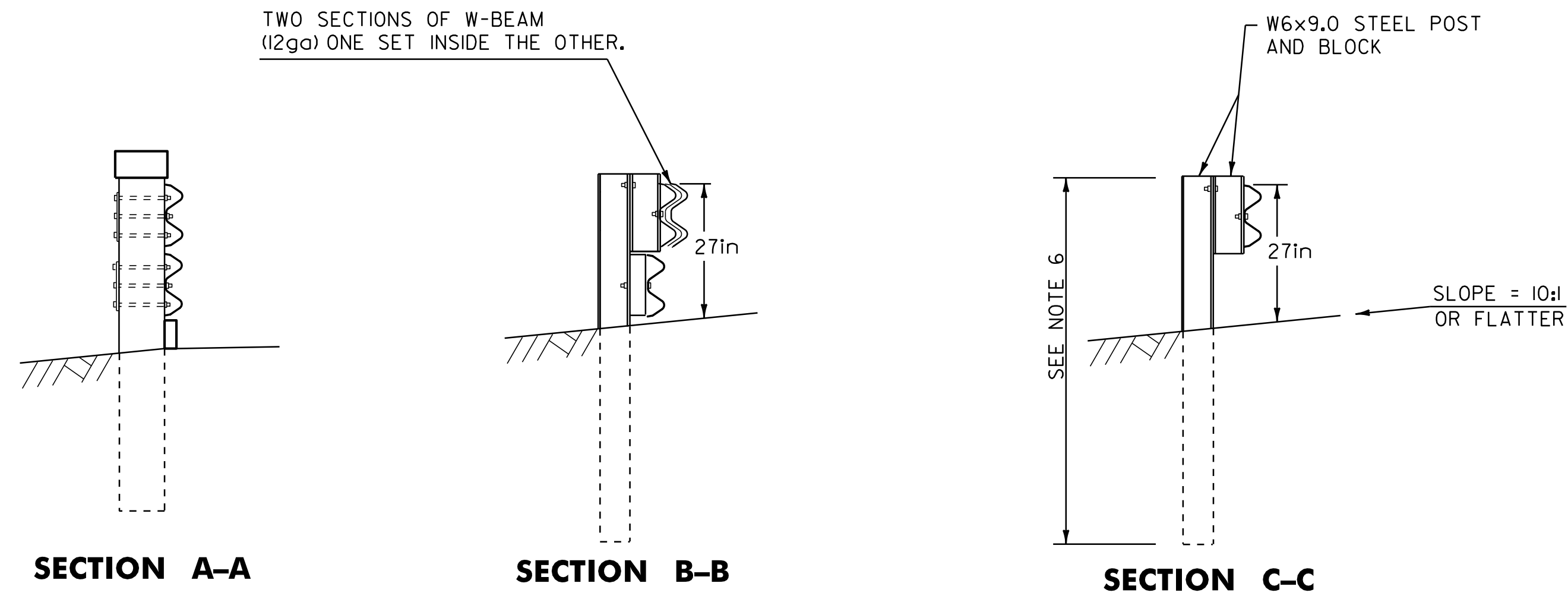
NOTES

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

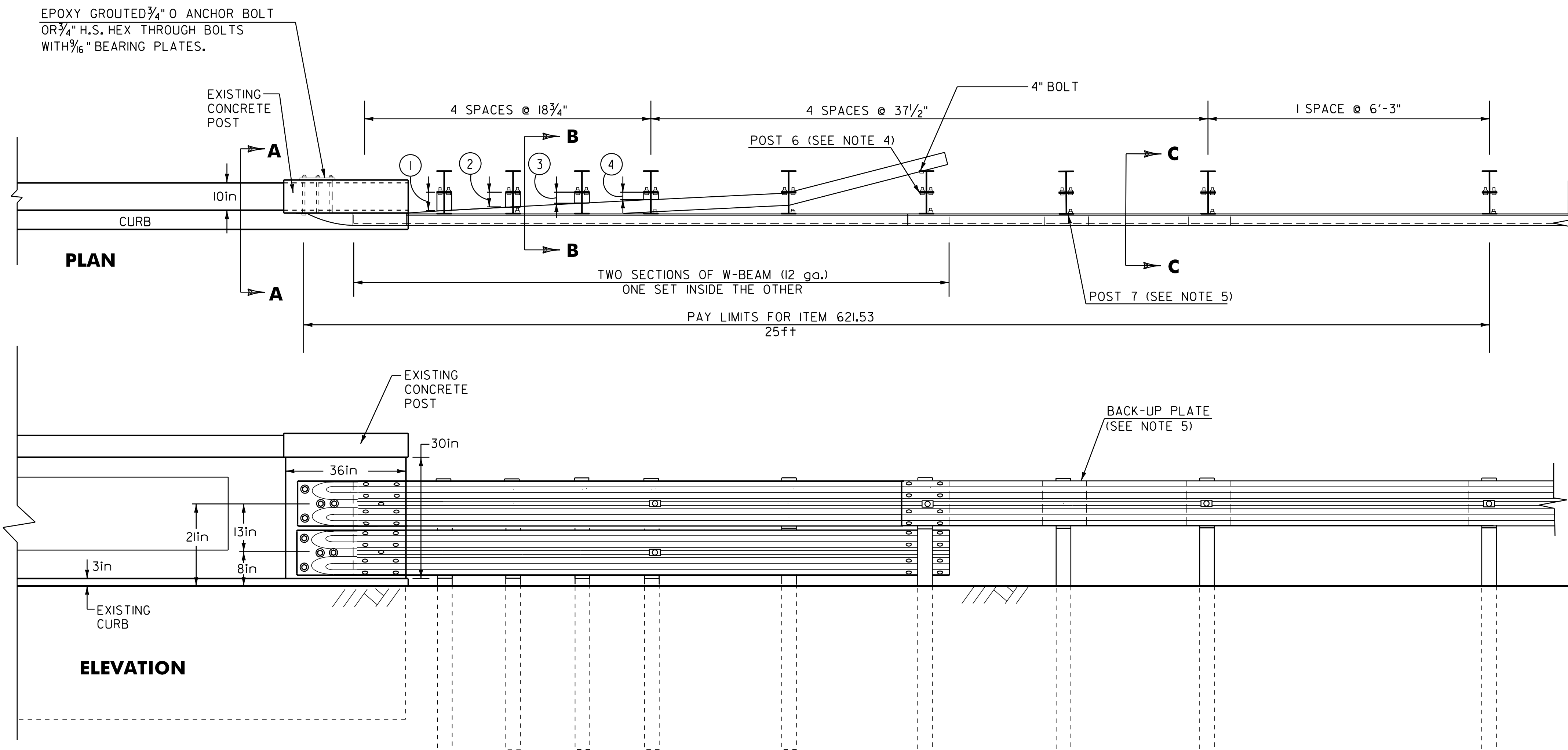
<p>BRIDGE DETAIL SHEET #4</p>	PROJECT NAME: GLOVER - BARTON	FILE NAME: p01b034.dgn	PLOT DATE: 28-NOV-2012 15:0
	PROJECT NUMBER: STP 2318(I)	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: STANTEC	
	IPARM FILE: p01b034bds04.i		SHEET 54 OF 60





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 3/8" 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**



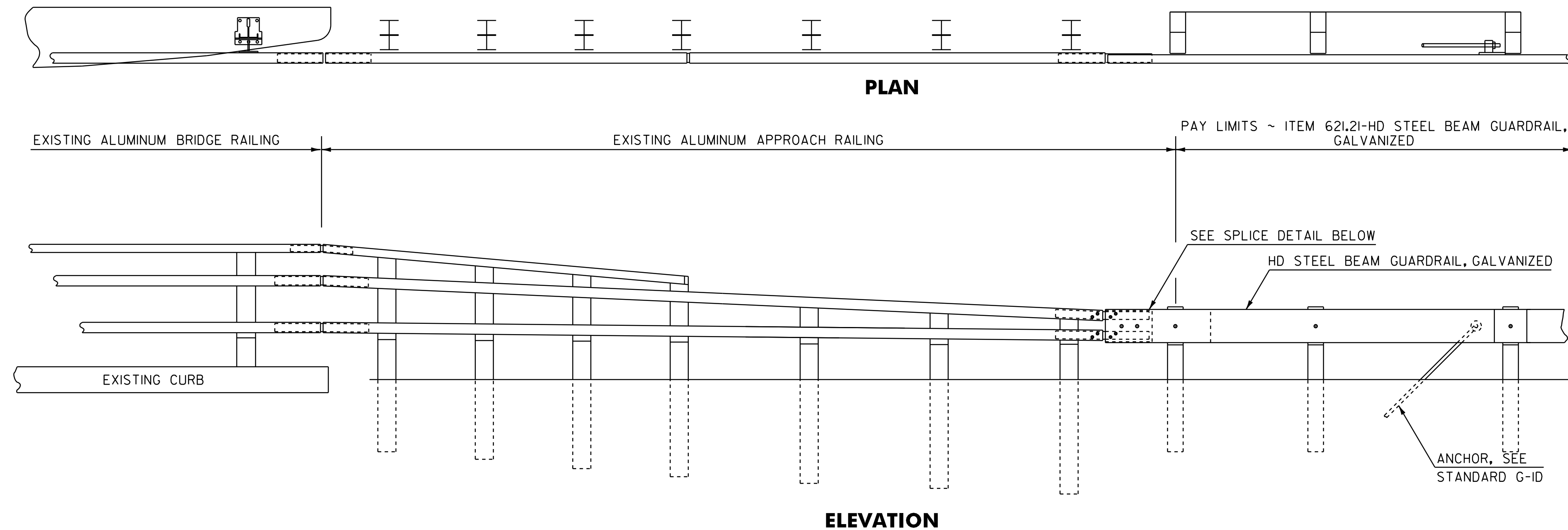
PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

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

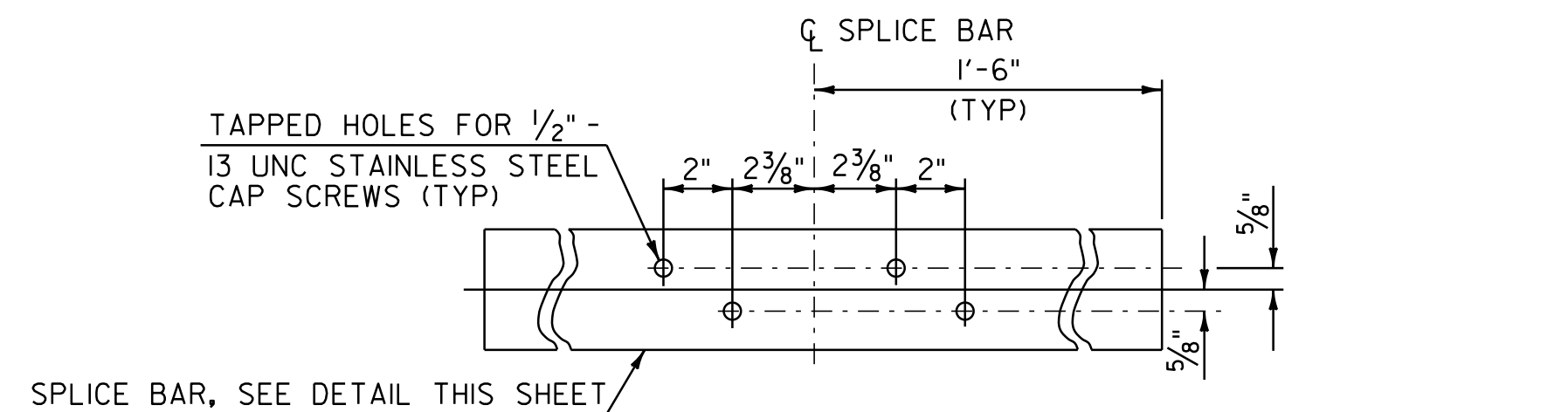
PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 55 OF 60

NOTES

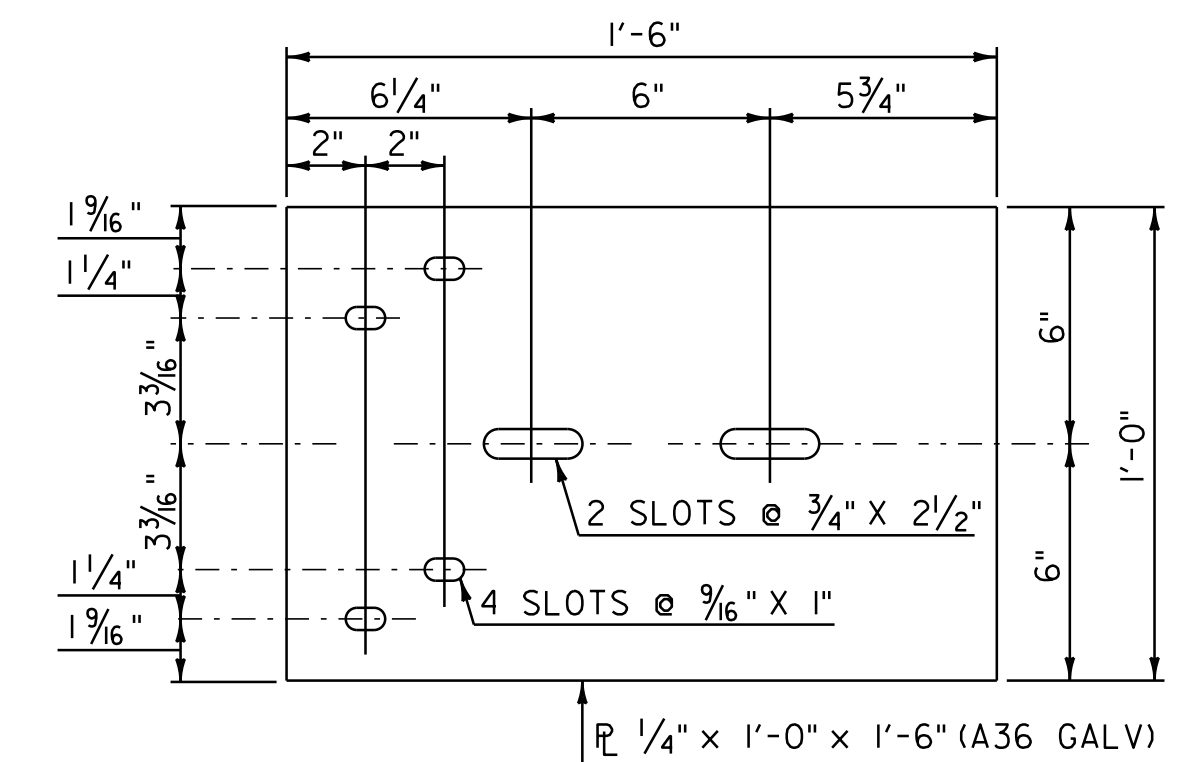
1. ALL STRUCTURAL STEEL SHALL BE ASTM A36 AND GALVANIZED AFTER FABRICATION.
2. ANCHOR BOLTS, WASHERS AND HEAVY HEX NUTS MAY BE ANY OF THE FOLLOWING:
 - A. ASTM A449 GALVANIZED, OR
 - B. AASHTO M164 (ASTM A325) GALVANIZED
 - C. BOLTS AND WASHERS OF STAINLESS STEEL ASTM A276, TYPE 304 (MINIMUM ULTIMATE 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.



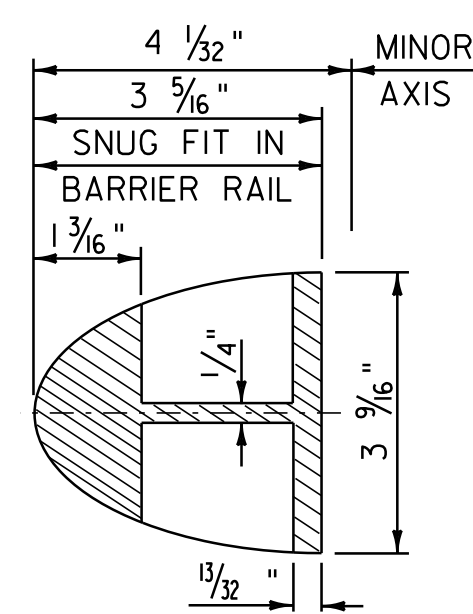
DETAIL FOR CONNECTING EXISTING ALUMINUM APPROACH RAIL TO PROPOSED HD STEEL BEAM GUARDRAIL, GALVANIZED AT BRIDGE NO. 18



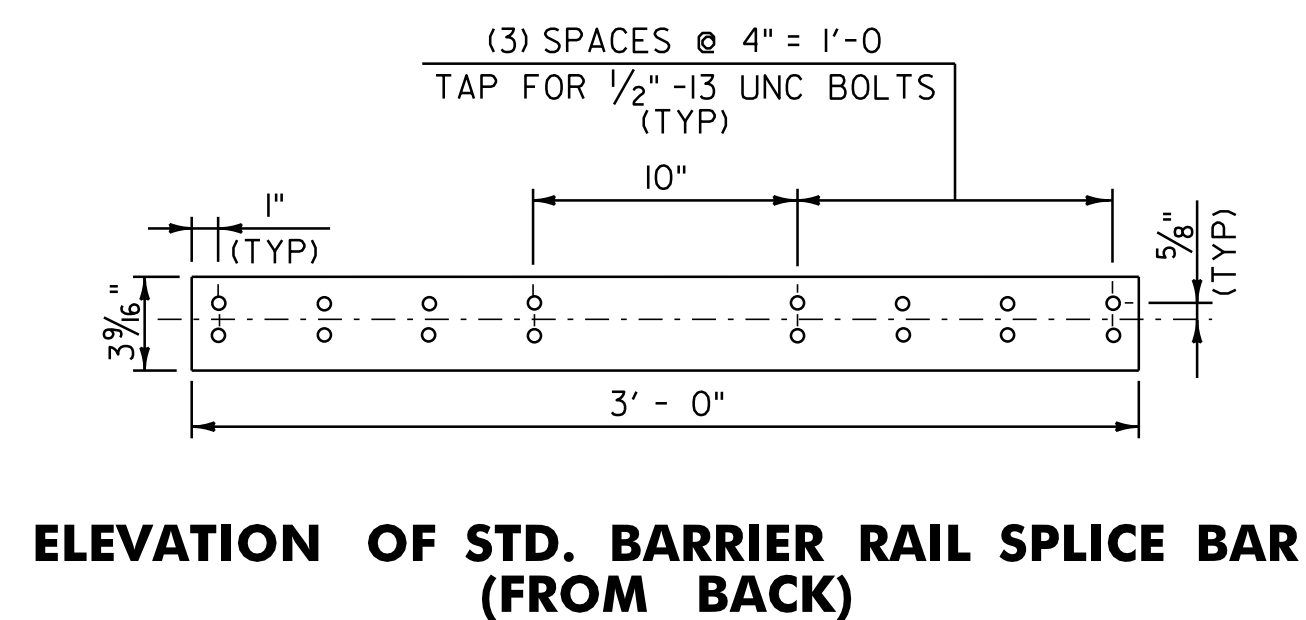
SPLICE BAR DETAIL (BACK SIDE VIEW)



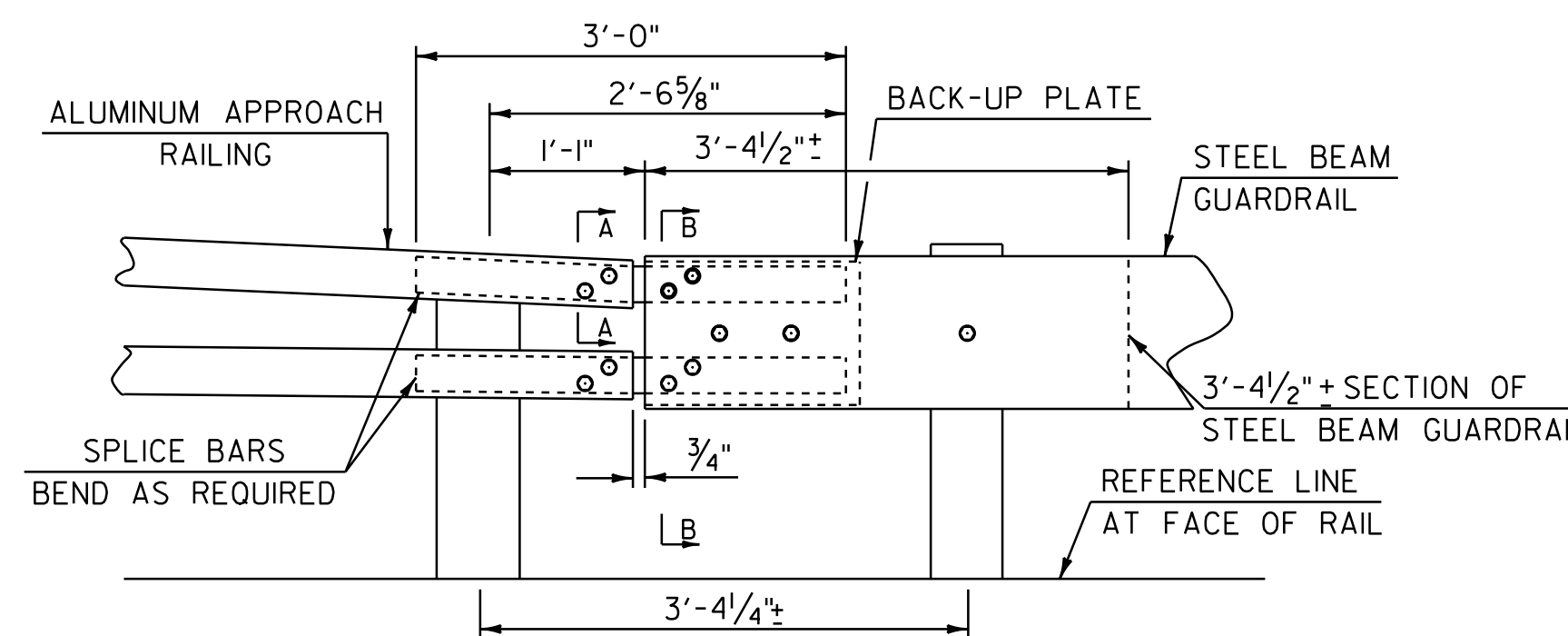
BACK-UP PLATE DETAIL



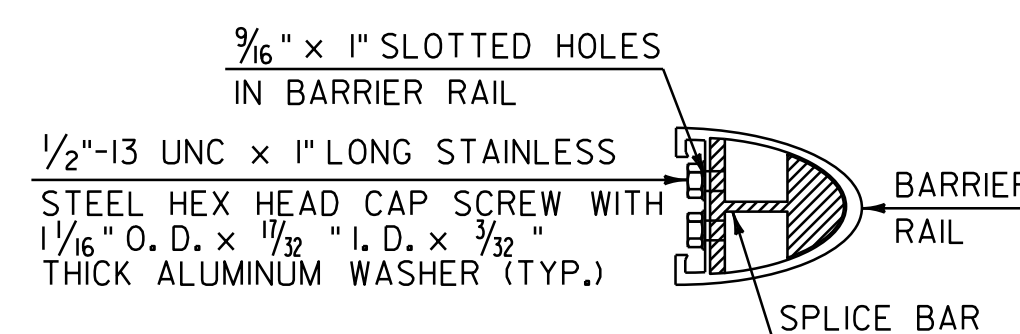
BARRIER RAIL SPLICE SECTION



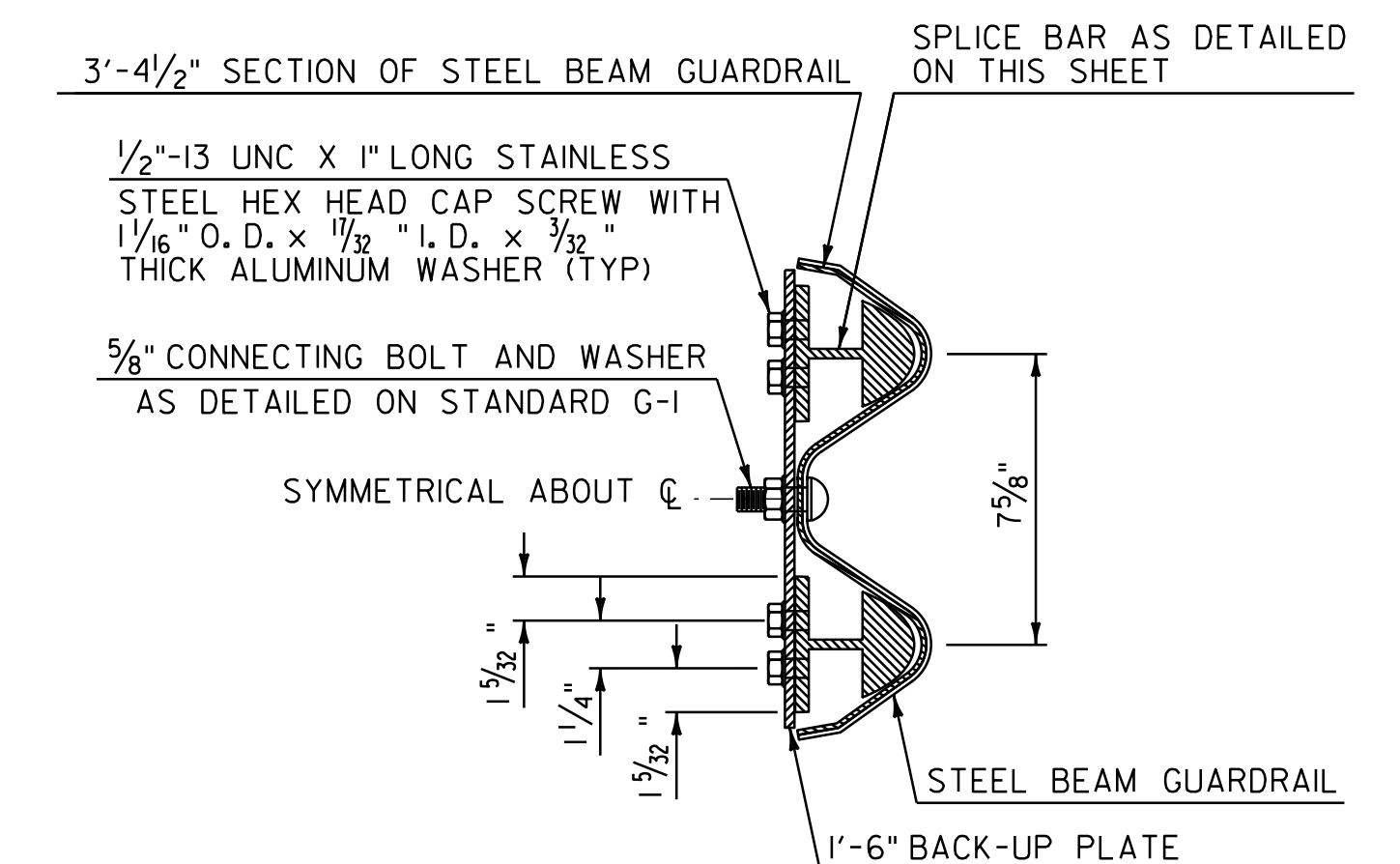
ELEVATION OF STD. BARRIER RAIL SPLICE BAR (FROM BACK)



SPLICE DETAIL



SECTION A - A



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

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

(ITEM 604.412 OR 604.415)

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	

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

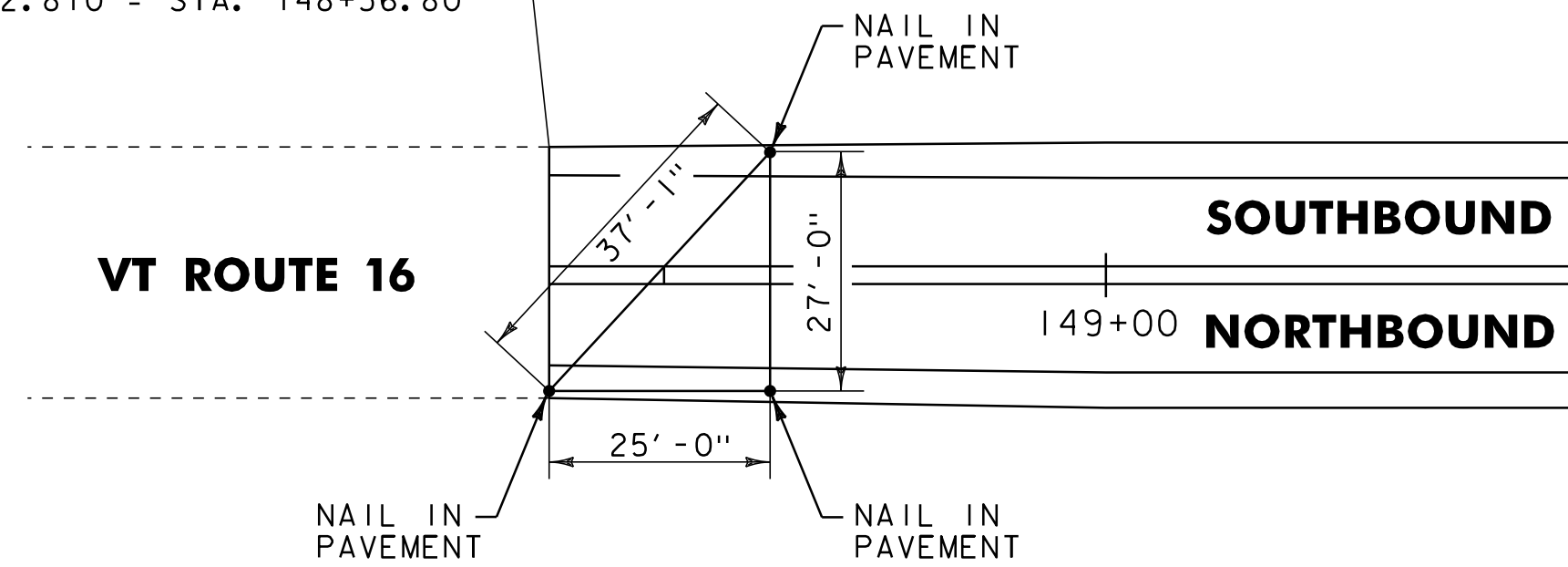


PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(I)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034csd.i

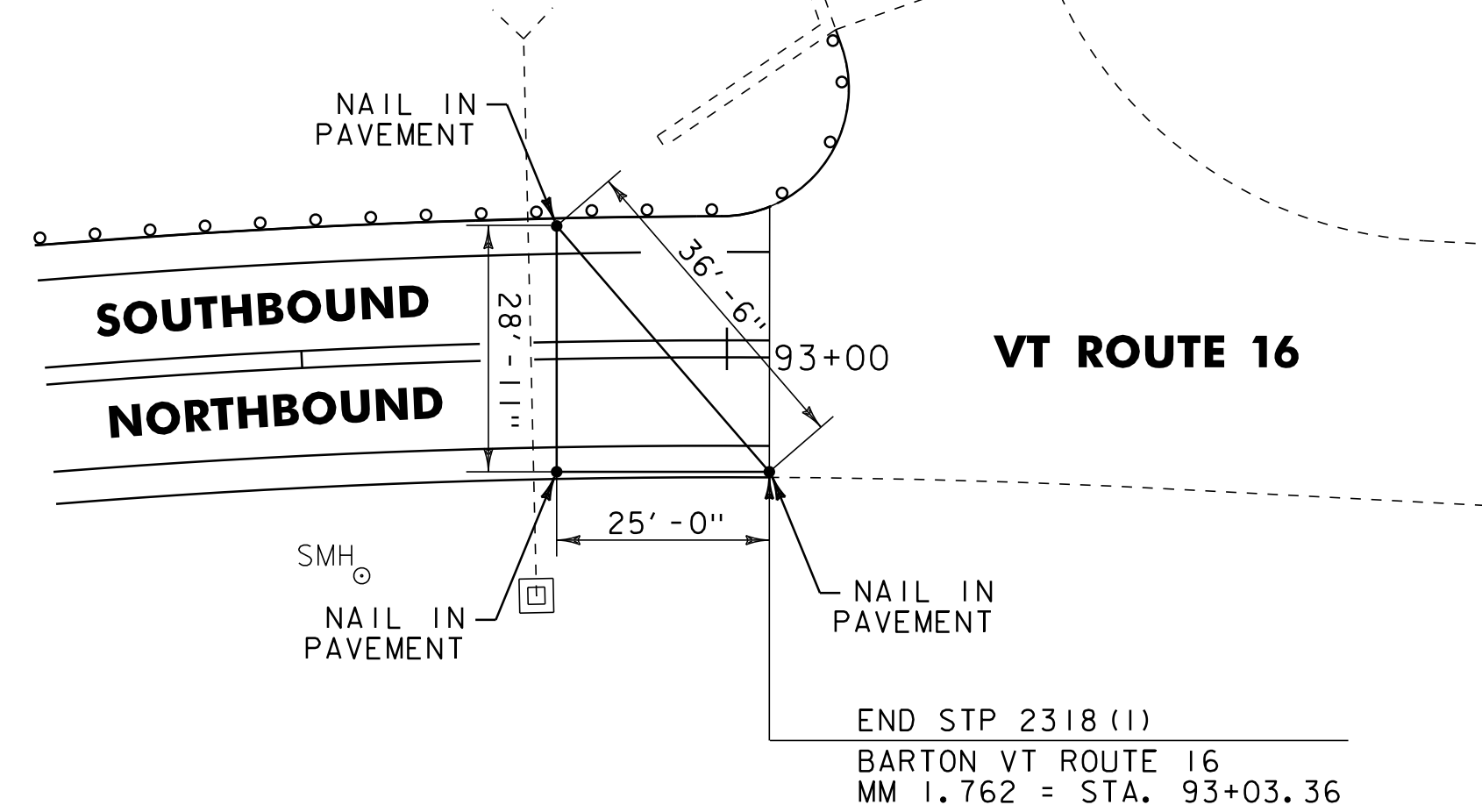
PLOT DATE: 28-NOV-2012 15:0
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CHECKED BY: STANTEC
SHEET 57 OF 60

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

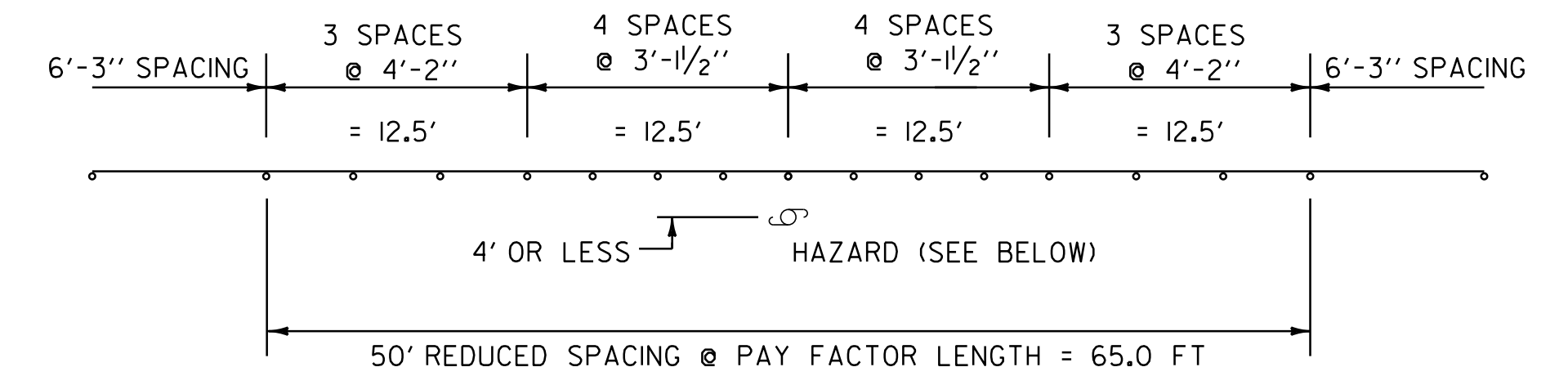


VT ROUTE 16 BEGIN PROJECT LOCATION TIES

T. H. 4
ROARING BROOK ROAD
MM 1.769 = STA. 93+40
(PAVED)

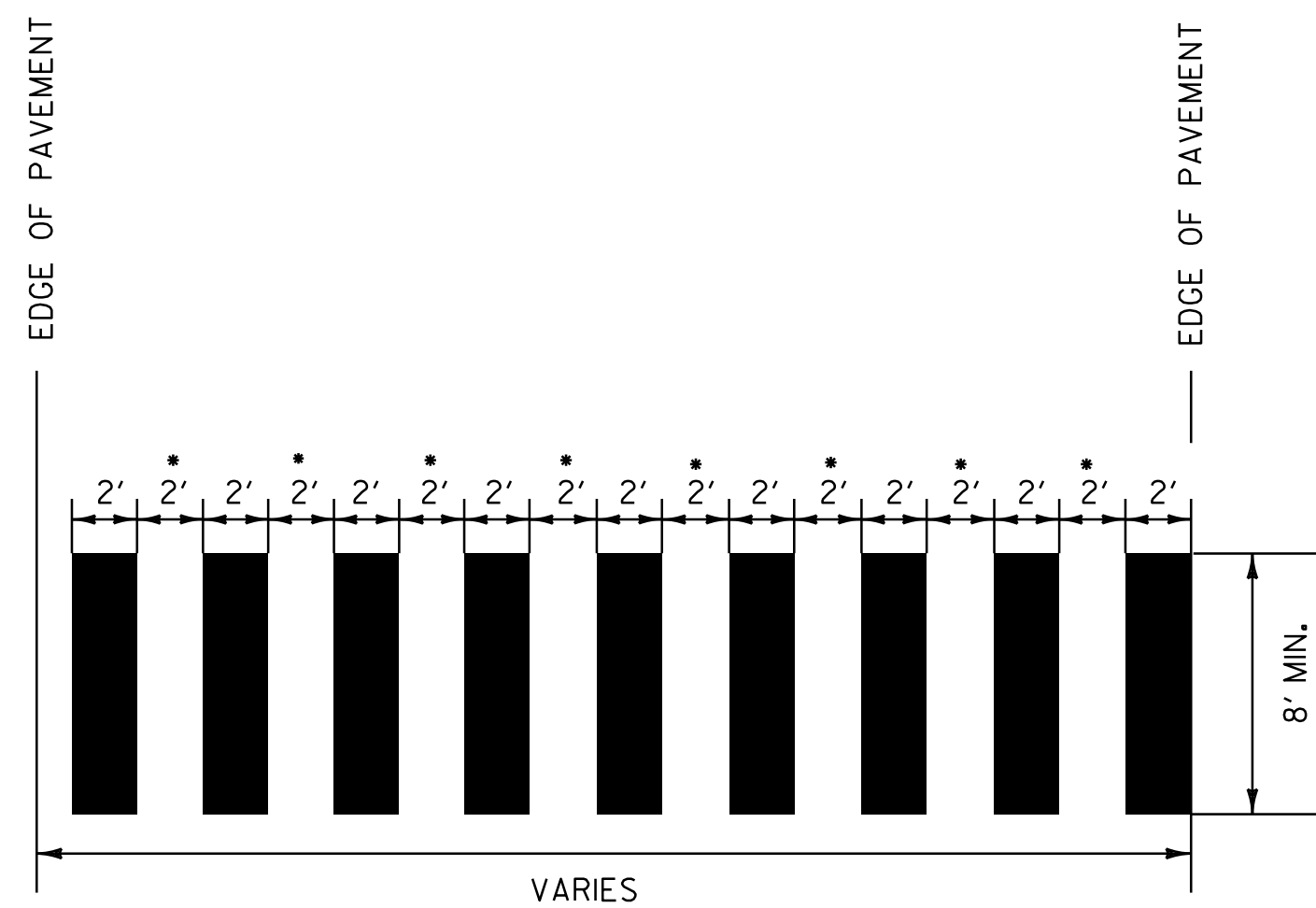


VT ROUTE 16 END PROJECT LOCATION TIES



REDUCED GUARDRAIL POST SPACING DETAIL #1

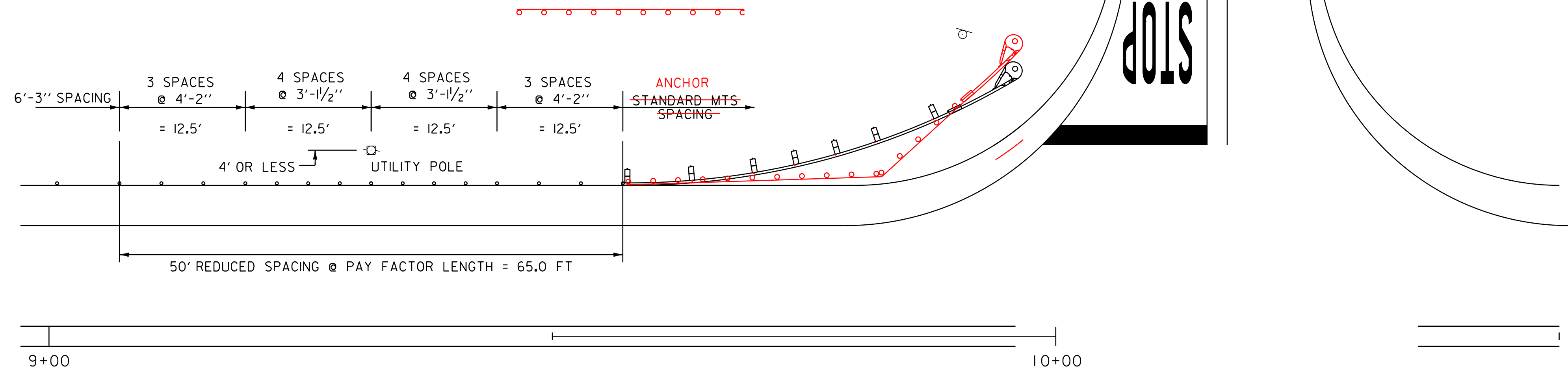
LOCATIONS:
GLOVER STA. 238+07, LT - UTILITY POLE
GLOVER STA. 297+79, LT - UTILITY POLE
GLOVER STA. 323+65, RT - UTILITY POLE



• ADJUST SPACING (12"-24") TO AVOID WHEEL PATHS

BLOCK PATTERN CROSSWALK DETAIL

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



REDUCED GUARDRAIL POST SPACING DETAIL #2

BARTON STA. 9+32, LT - UTILITY POLE

NOT TO SCALE

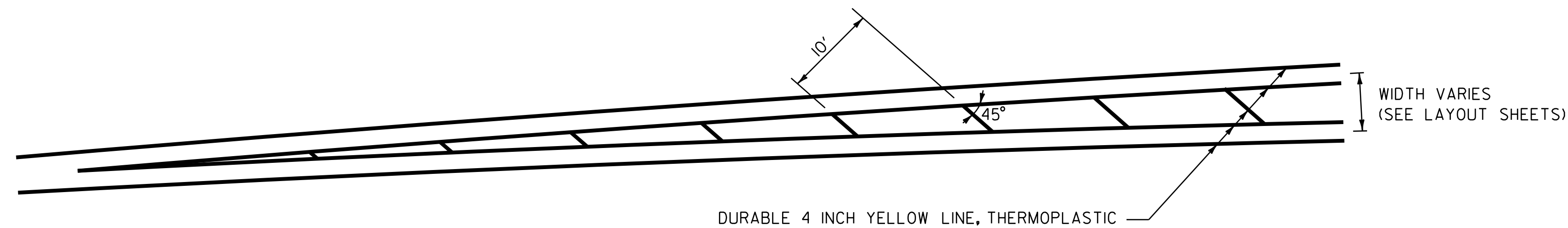
**MISCELLANEOUS
DETAIL
SHEET #1**



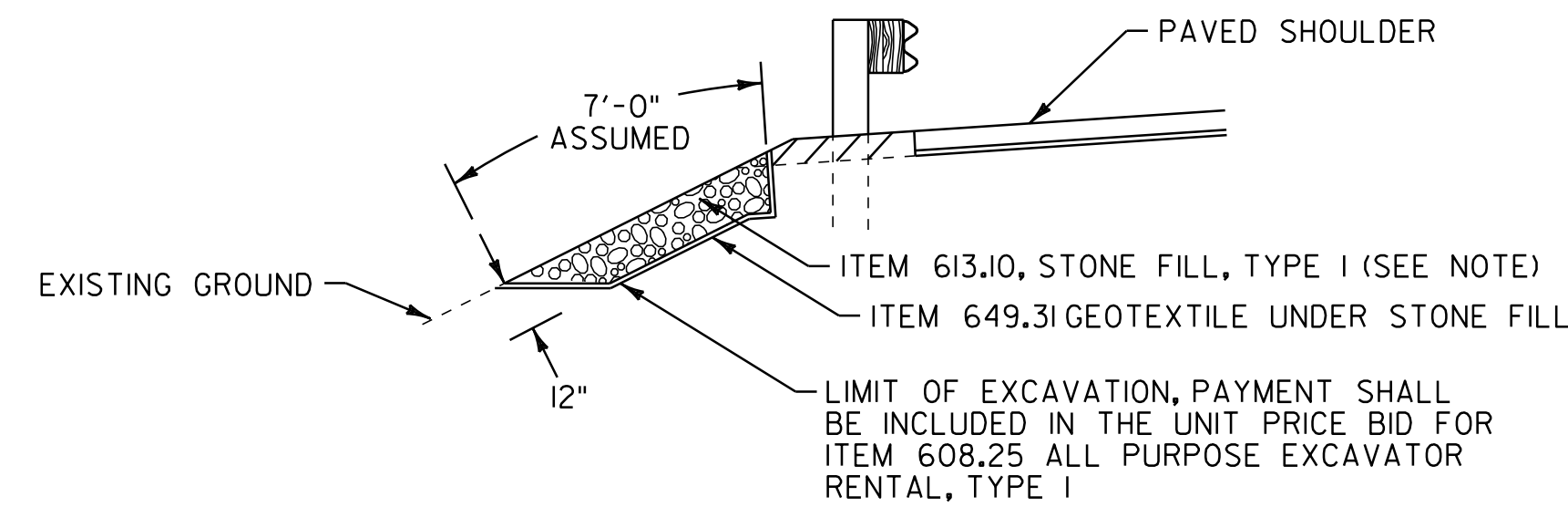
PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p01b034md01.i

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



GORE MARKING DETAIL
SEE LAYOUT SHEETS FOR LOCATIONS



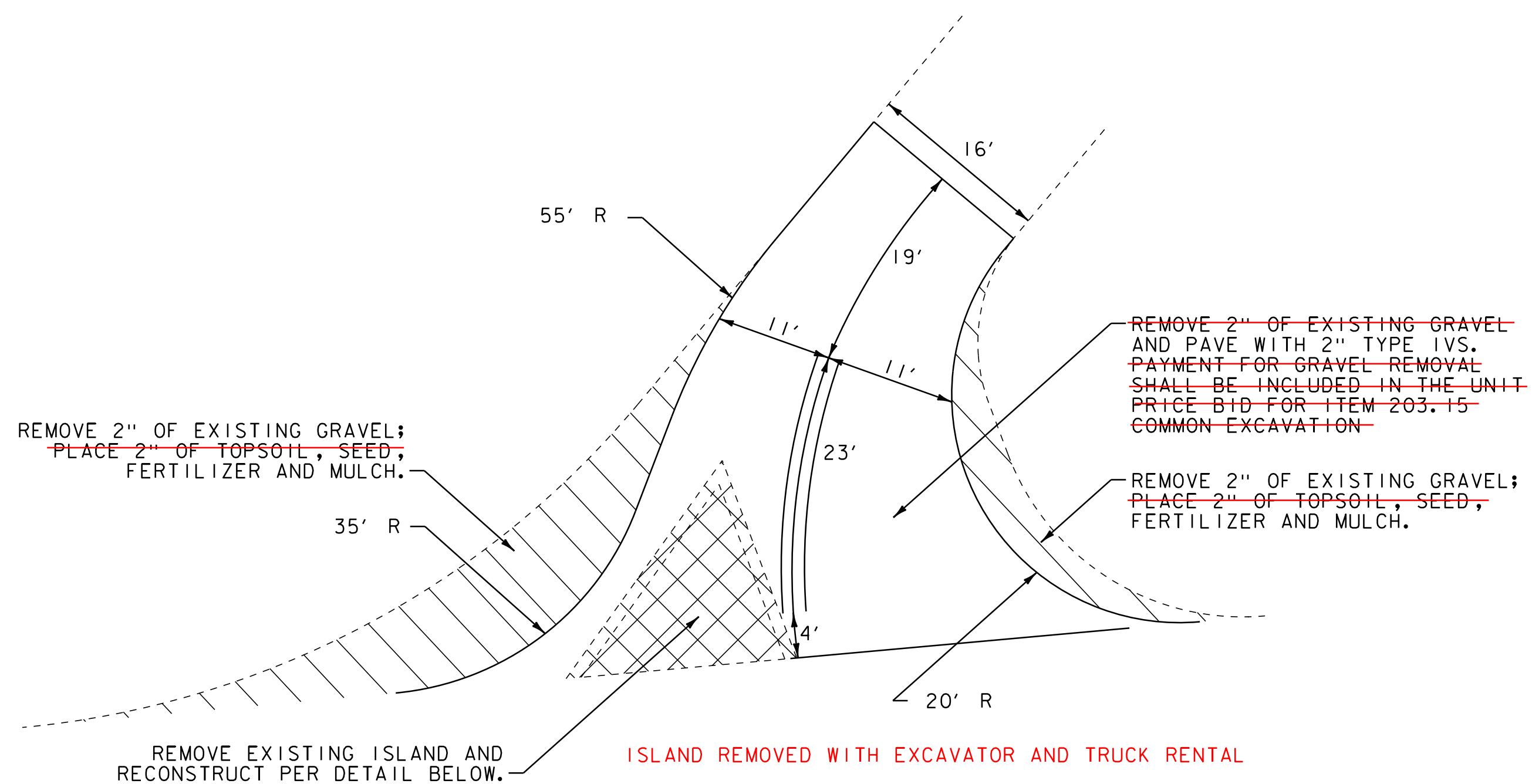
SLOPE EROSION REPAIR DETAIL

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

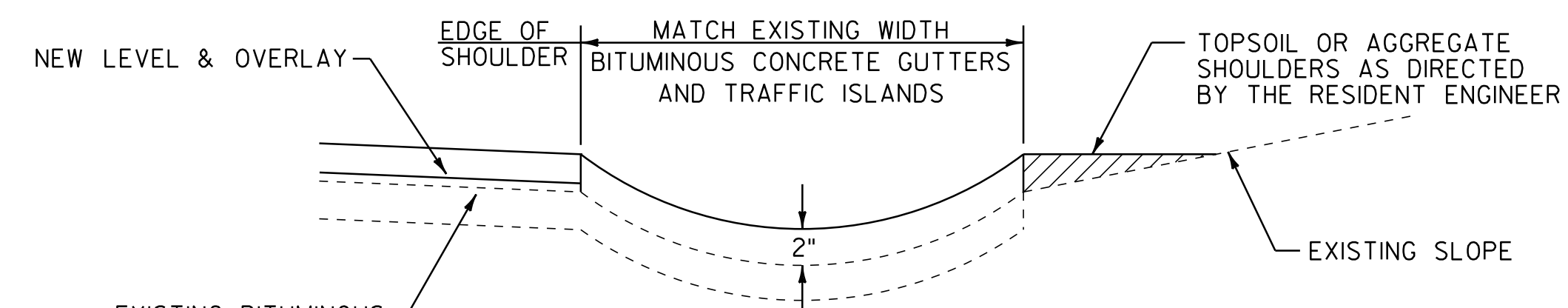
GLOVER	STA. 206+41, RT STA. 206+42, LT STA. 236+12, RT STA. 238+63, RT STA. 266+92 TO 267+09, LT (17 FT)
BARTON	STA. 17+80, LT

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.

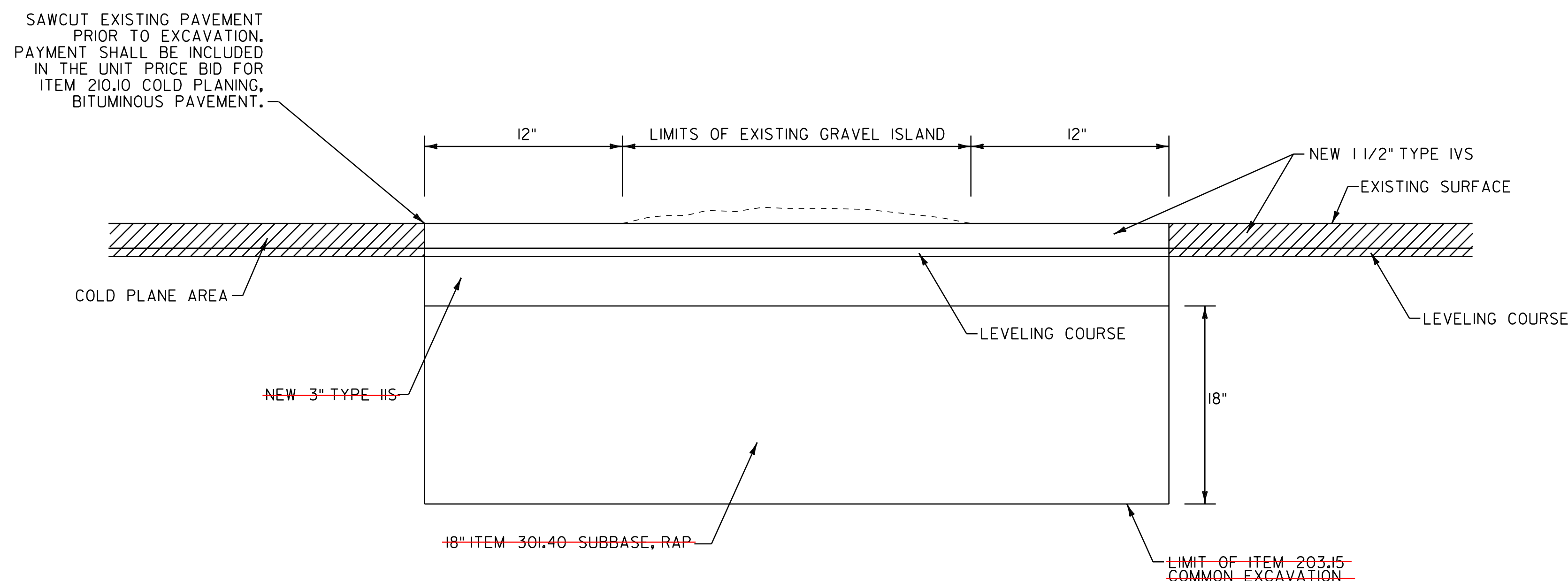


T.H. 63 - BAILEY LANE RECONFIGURATION
PLAN VIEW
GLOVER STA. 335+09, LT.



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)



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

NOT TO SCALE

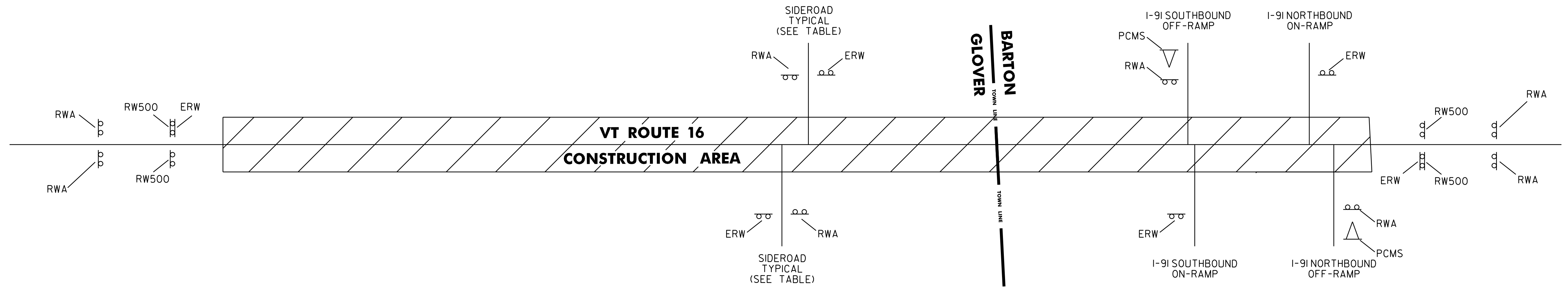
MISCELLANEOUS
DETAIL
SHEET #2

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
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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 CHANGEABLE 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 CHANGEABLE 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

<p>TEMPORARY TRAFFIC CONTROL PLAN</p>	<p>PROJECT NAME: GLOVER - BARTON</p> <p>PROJECT NUMBER: STP 2318(1)</p>
	<p>FILE NAME: p01b034.dgn</p> <p>PROJECT LEADER: JLL</p> <p>DESIGNED BY: STANTEC</p> <p>IPARM FILE: p01b034ttcp.i</p>

PLOT DATE: 28-NOV-2012 15:00
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 60 OF 60

