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SD-516.10 BRIDGE JOINT ASPHALTIC PLUG

VAOT STANDARDS

C-2A	10-14-05	E-127	08-08-95
C-2B	10-14-05	E-128B	08-08-95
C-3A	03-10-08	E-134	08-08-95
C-3B	03-10-08	E-136B	08-08-95
C-10	02-11-08	E-138	05-30-03
D-3	06-01-94	E-140	08-30-96
D-6	06-01-94	E-141	09-20-95
D-8	01-03-00	E-142	09-20-95
D-9	06-01-94	E-143	06-15-04
D-15	06-01-94	E-145A	12-23-94
D-16	06-01-94	E-150	05-01-04
E-100	01-02-04	E-151	05-01-04
E-100A	01-02-04	E-152	05-01-04
E-101	05-30-03	E-153	05-01-04
E-102	06-30-03	E-154	05-01-04
E-102A	05-01-04	E-164	06-08-09
E-108	03-01-04	E-191	02-01-99
E-108B	03-01-04	E-192	10-12-00
E-107	06-30-03	E-193	08-18-95
E-107A	06-08-09	G-1	01-03-00
E-108	06-08-09	G-1d	01-03-00
E-108A	06-08-09	G-19	11-15-02
E-110	08-08-95	J-3	08-07-95
E-120	08-08-95		
E-121	08-08-95		
E-123	03-16-04		

TRAFFIC DATA
VT ROUTE 116

LOCATION	AADT		DHV		ESALS	
	2012	2022	2012	2022	2012-2022	2012-2032
BEGIN PROJECT TO STATES PRISON HOLLOW ROAD	2,600	2,700	290	300	857,000	1,959,000
STATES PRISON HOLLOW ROAD TO HOLLOW ROAD	2,400	2,500	270	280	659,000	1,620,000
HOLLOW ROAD TO NORTH ROAD	4,900	5,000	550	560	2,078,000	5,021,000
NORTH ROAD TO SILVER STREET	4,300	4,500	450	480	1,163,000	2,651,000
SILVER STREET TO CHARLOTTE ROAD	7,500	7,700	790	810	1,590,000	3,931,000
CHARLOTTE ROAD TO MECHANICSVILLE ROAD	12,900	13,300	1400	1400	2,336,000	5,787,000
MECHANICSVILLE ROAD TO SHELBURNE FALLS ROAD/CVU ROAD	8,800	9,000	980	1000	1,642,000	4,049,000
SHELBURNE FALLS ROAD/CVU ROAD TO END PROJECT	8,700	8,900	970	1000	1,406,000	3,490,000

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X —
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	— — — — —

BEGIN STP 2930(1)
VT ROUTE 116 STARKSBORO
STA. 87+12.00 (MM 1.650)

SURVEYED BY :
SURVEYED DATE :

DATUM
VERTICAL
HORIZONTAL

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF STARKSBORO & HINESBURG
COUNTIES OF ADDISON & CHITTENDEN
VT ROUTE 116
MINOR ARTERIAL

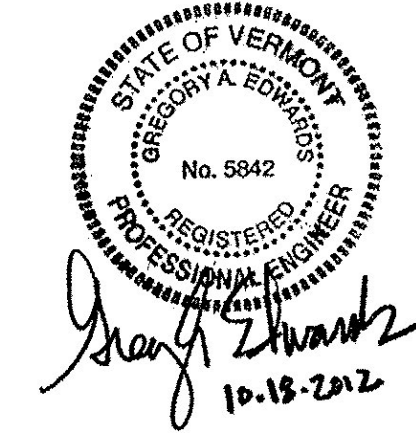
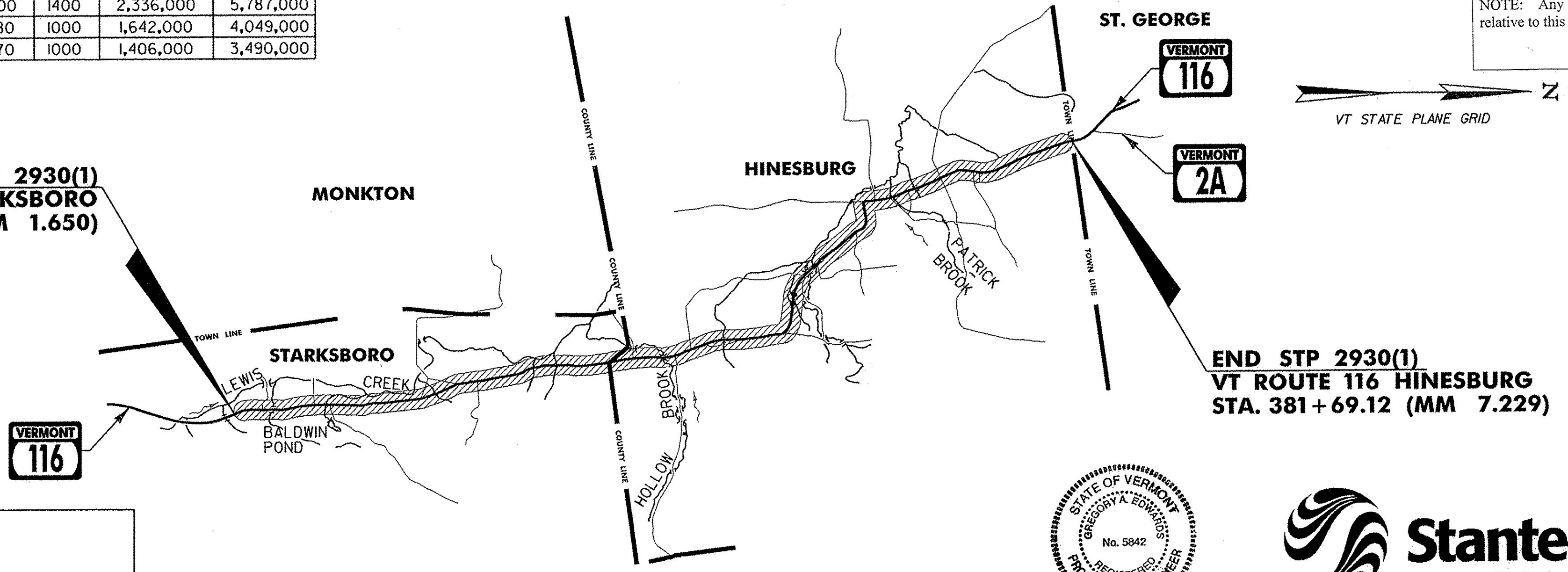
BEGINNING IN THE TOWN OF STARKSBORO ON VT ROUTE 116 AT STA. 87+12.00 (MM 1.650) AND EXTENDING NORTHERLY ALONG VT ROUTE 116 FOR A DISTANCE OF 64,674.72 FEET (12.249 MILES) TO HINESBURG STA. 381+69.12 (MM 7.229).

PROJECT DATA:

TOWN OF STARKSBORO	LENGTH (FEET)	LENGTH (MILES)
VT ROUTE 116	STA. 87+12.00 TO STA. 352+17.60	26,505.60
MM 1.650 TO 6.670		5.020
TOWN OF HINESBURG	VT ROUTE 116	
STA. 0+00.00 TO 381+69.12	38,169.12	7.229
MM 0.000 TO 7.229		

TOTAL LENGTH OF PROJECT: 64,674.72 12.249
TOTAL LENGTH OF ROADWAY: 64,674.72 12.249

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



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

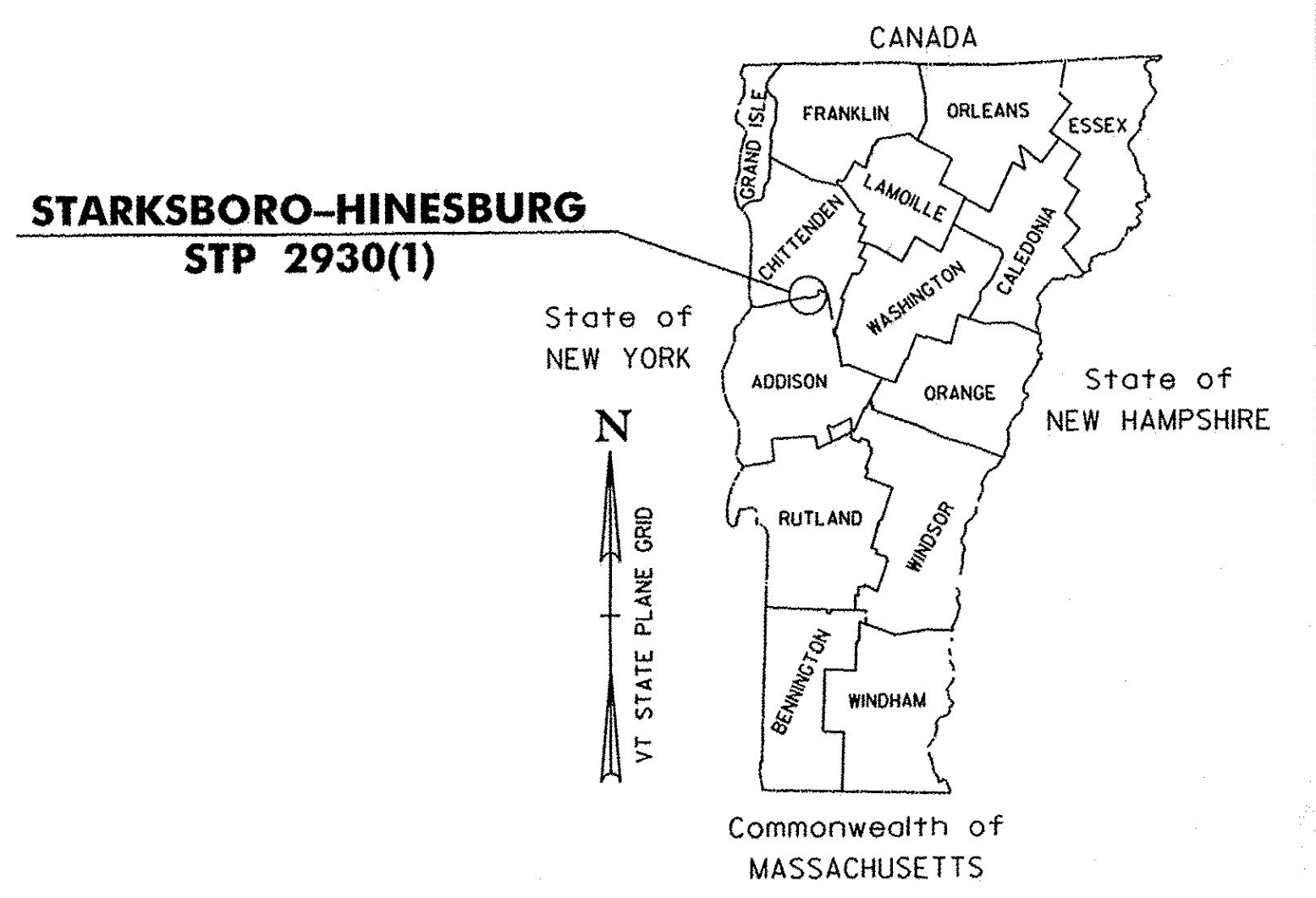
DIRECTOR OF PROGRAM DEVELOPMENT

APPROVED: *[Signature]* DATE: 11-28-12

PROJECT MANAGER: MICHAEL FOWLER

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(1)

SHEET 1 OF 119 SHEETS



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA

DESIGN LANE/DESIGN LIFE ESALS	2,893,500
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: DALE NORTON

CONSTRUCTION BEGAN: MAY 15, 2013

CONSTRUCTION COMPLETE: SEPTEMBER 17, 2013

RECORD PLANS BY: DALE NORTON & CRAIG PIERCE

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

BY: *[Signature]* For RESIDENT ENGINEER
DATE: 11-15-12 Dale Norton

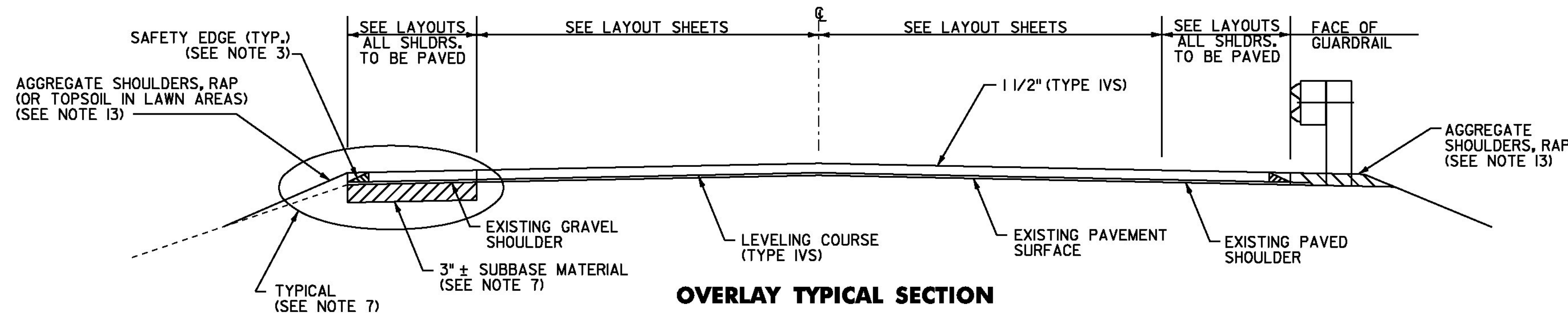
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

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

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

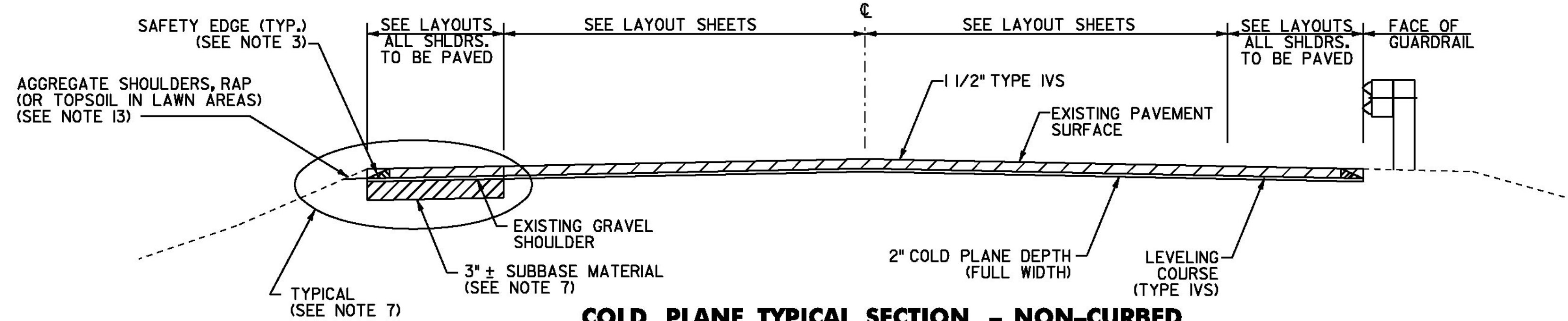
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS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

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



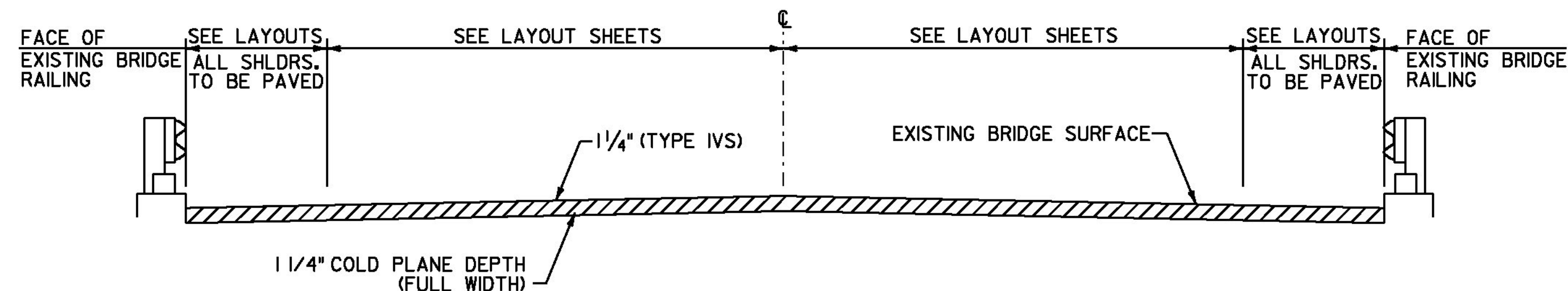
OVERLAY TYPICAL SECTION

STARKSBORO STA. 87+12.00 TO 134+11.20
 STARKSBORO STA. 179+52.00 TO 352+17.60
 HINESBURG STA. 0+00.00 TO 36+31.26
 HINESBURG STA. 36+84.49 TO 213+84.00
 HINESBURG STA. 264+40.00 TO 381+69.12



COLD PLANE TYPICAL SECTION - NON-CURBED

STARKSBORO STA. 134+11.20 TO 179+52.00



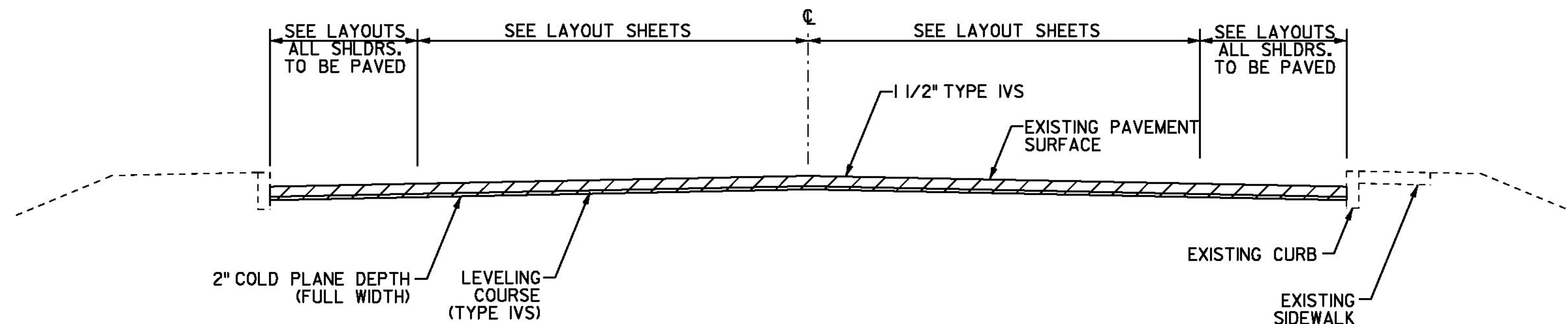
COLD PLANE TYPICAL SECTION - BRIDGE

BR*21 HINESBURG STA. 36+31.26 TO 36+84.49
 BR*27 HINESBURG STA. 251+30.82 TO 251+49.32

ASPHALTIC PLUG JOINT LOCATIONS

(SEE STRUCTURES DETAIL SD-516.10)

BR*21 HINESBURG STA. 36+31.26 (35 LF)
 BR*21 HINESBURG STA. 36+84.49 (35 LF)
 BR*27 HINESBURG STA. 251+30.82 (41LF)
 BR*27 HINESBURG STA. 251+49.32 (41LF)



COLD PLANE TYPICAL SECTION - CURBED

HINESBURG STA. 213+84.00 TO 251+30.82
 HINESBURG STA. 251+49.32 TO 264+40.00

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 ENGINEER.
2. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ± 1/4". (TOTAL THICKNESS EXCLUDING LEVELING)
3. EDGES OF NEW PAVEMENT WITHIN NON-CURBED SECTIONS SHALL INCLUDE A SAFETY EDGE AS DIRECTED BY THE ENGINEER. SEE DETAIL ON SHEET 4.
4. EMULSIFIED ASPHALT SHALL BE APPLIED ON EXISTING PAVEMENT SURFACES. BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES. ALL COLD PLANED SURFACES SHALL HAVE A APPLICATION RATE OF 0.08 GAL/SY OF CRS-IH OR RS-IH. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL OTHER PAVED SURFACES AT THE RATE OF 0.025 TO 0.040 GAL/SY OF CRS-IH OR RS-IH PAID UNDER ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-IH OR CRS-IH).
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 BEGINNING AND END OF CONSTRUCTION AREAS BY THE USE OF A VERTICAL COLD PLANE JOINT. SEE DETAIL ON SHEET 4.
6. ALL COLD PLANE SURFACES SHALL HAVE SURFACE PREPARATION BEFORE PAVING CONSISTING OF POT HOLE PATCHING AND PATCHING OF ALL LARGE CRACKS THAT ARE AT LEAST 1" IN WIDTH. THIS WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I) SEE DETAIL ON SHEET 3.
7. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE, 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 RENTAL, TYPE I.
 MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED AS DIRECTED BY THE ENGINEER.
 EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
8. ALL PUBLIC OR PRIVATE DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON, 2' FOR FIELD DRIVES, PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) UNLESS OTHERWISE DIRECTED BY THE 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. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES FROM THE AGENCY'S APPROVED PRODUCT LIST.
10. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.
11. QUANTITIES FOR ITEM 604.412 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES; CLASS I, AND ITEM 604.415 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES; CLASS II, HAVE BEEN INCLUDED TO BE USED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ALL D/S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS EVEN WITH THE SURROUNDING TERRAIN. DRAINAGE STRUCTURES HAVE BEEN DISTRIBUTED BETWEEN ITEMS 604.412 AND 604.415 FOR ESTIMATING PURPOSES.
12. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.
13. ITEM 402.13 AGGREGATE SHOULDERS, RAP SHALL BE USED TO BACK UP EDGES OF PAVEMENT.
14. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP, SAND, ETC. ADJACENT TO THE SHOULDERS IN NON GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
15. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THESE OPERATIONS THE ENGINEER SHALL CONTACT THE VTRANS CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.
16. ESTIMATED QUANTITIES OF ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END SECTION FLARES WITH EXCAVATED DITCHING MATERIAL. AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED IN THE CASE THAT THE DITCHING MATERIAL IS NOT SUITABLE TO USE IN THE GUARDRAIL END SECTION FLARE AREA. AN AMOUNT OF 25 CUBIC YARDS OF EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW GUARDRAIL END SECTION FLARE. ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON ALL SLOPES CREATED BY THE GUARDRAIL END SECTION FLARE. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END SECTION FLARE TO BE USED AS DIRECTED BY THE ENGINEER.

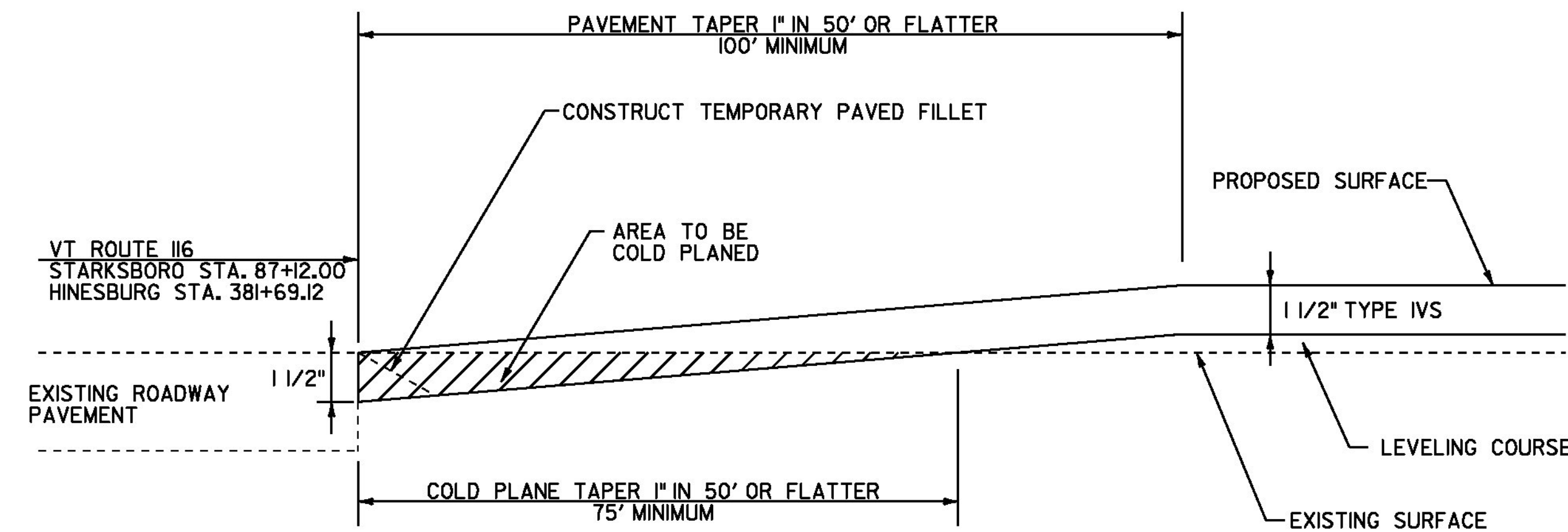
NOT TO SCALE



PROJECT TYPICAL SHEET #1

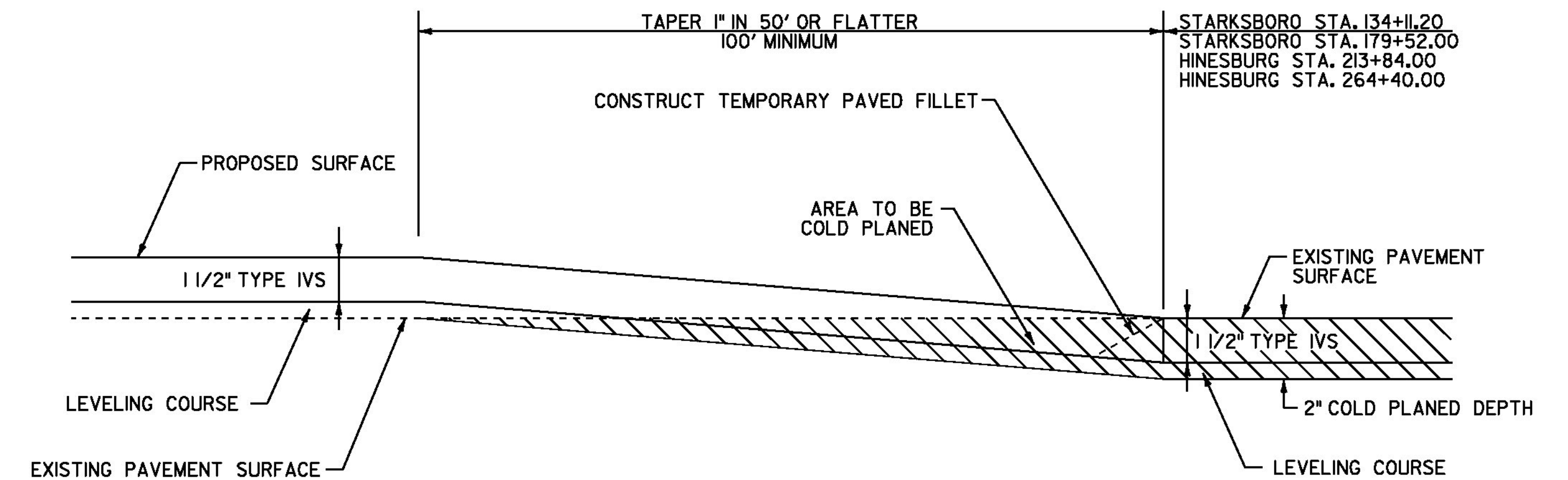
PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
 PROJECT LEADER: JLL DRAWN BY: STANTEC
 DESIGNED BY: STANTEC CHECKED BY: MCF
 IPARM FILE: p10b266pts01.i SHEET 2 OF 119



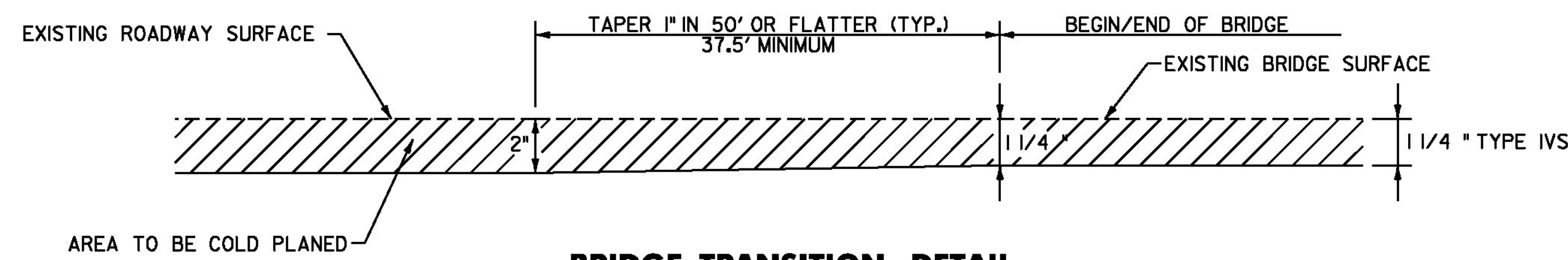
**APPROACH AREA DETAIL
(BEGIN AND END LEVELING AND OVERLAY)**

FULL ROADWAY WIDTH
 STARKSBORO STA. 87+12.00 TO 88+12.00 (BEGIN PROJECT)
 HINESBURG STA. 380+69.12 TO 381+69.12 (END PROJECT)



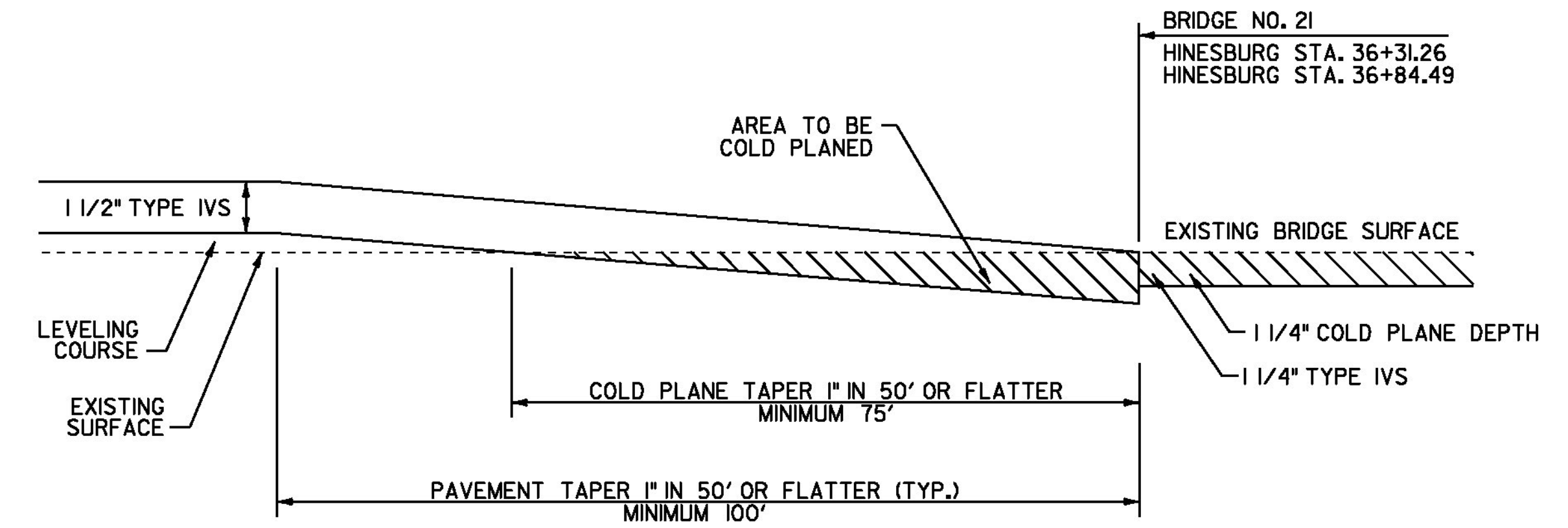
**TRANSITION AREA DETAIL
(LEVELING AND OVERLAY TO COLD PLANE)**

FULL ROADWAY WIDTH
 STARKSBORO STA. 133+11.20 TO 134+11.20
 STARKSBORO STA. 179+52.00 TO 180+52.00
 HINESBURG STA. 212+84.00 TO 213+84.00
 HINESBURG STA. 264+40.00 TO 265+40.00



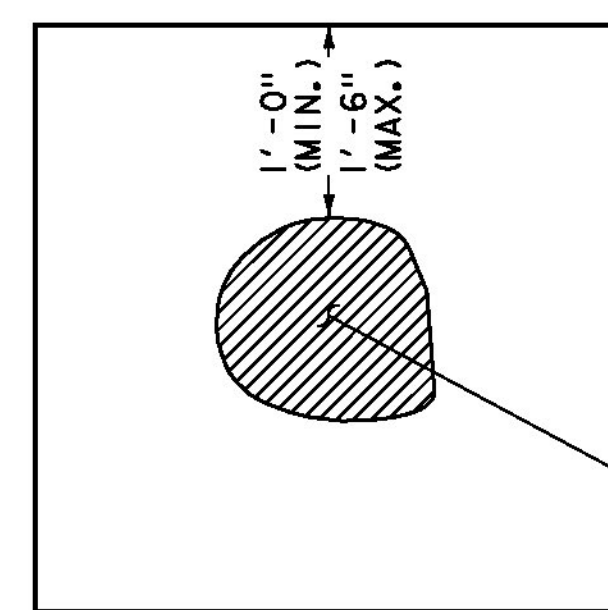
BRIDGE TRANSITION DETAIL

BR#27 HINESBURG STA. 250+93.32 TO 251+30.82
 STA. 251+49.32 TO 251+86.82



**TRANSITION AREA DETAIL AT BRIDGE NO. 21
(LEVEL AND OVERLAY TO COLD PLANE)**

FULL ROADWAY WIDTH
 HINESBURG STA. 35+31.26 TO 36+31.26
 STA. 36+84.49 TO 37+84.49



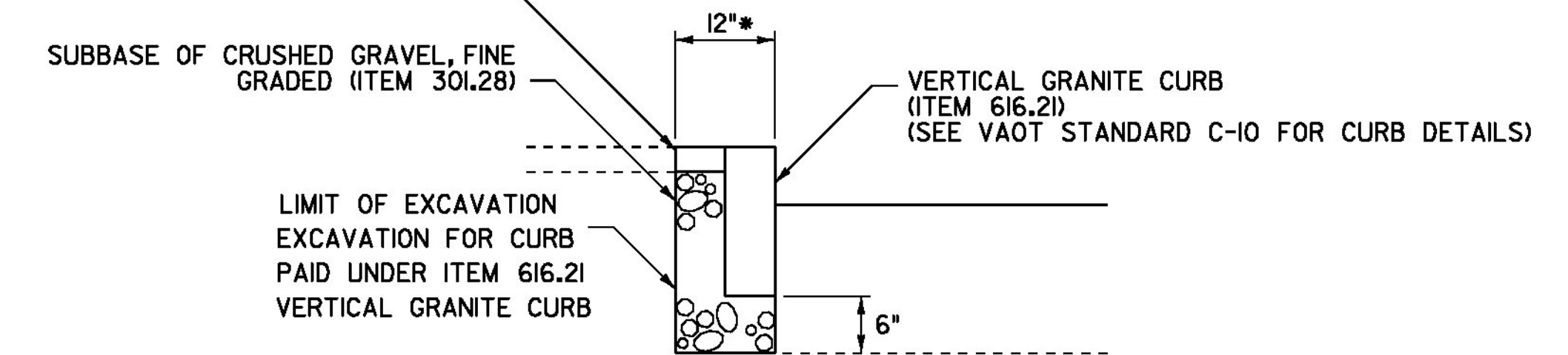
TYPICAL - POT HOLE REPAIR

SEE NOTE 6 ON SHEET 2.
NOT TO SCALE

EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH INTERFACES AT A RATE OF 0.25 - 0.5 GAL/SY. EMULSIFIED ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404 AND WILL BE CONSIDERED INCIDENTAL TO THE PATCHING MATERIAL.

PLACE 4" TOPSOIL ITEM 651.35, ITEM 651.15 SEED, ITEM 651.18 FERTILIZER, ITEM 651.20 AGRICULTURAL LIMESTONE AND ITEM 653.20 TEMPORARY EROSION MATTING (TYP.).

*12" OR AS DIRECTED BY THE ENGINEER



NEW CURB DETAIL

NOT TO SCALE

HINESBURG STA. 239+19 TO 239+39, LT

NOT TO SCALE

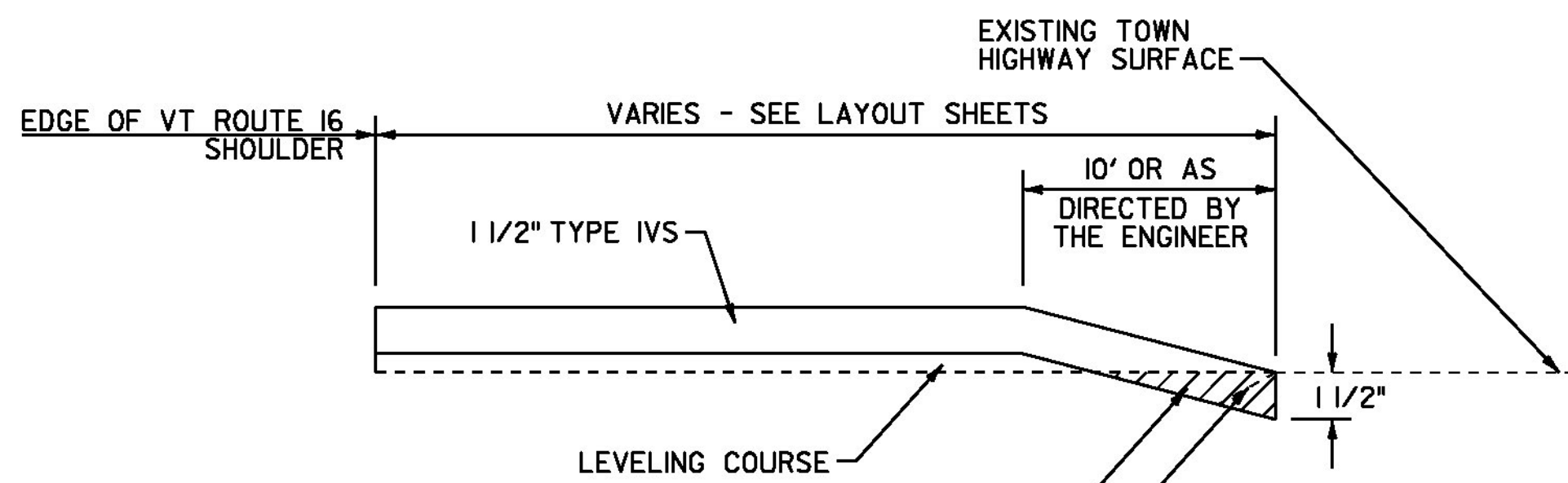


**PROJECT
TYPICAL
SHEET #2**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266pts02.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 3 OF 119



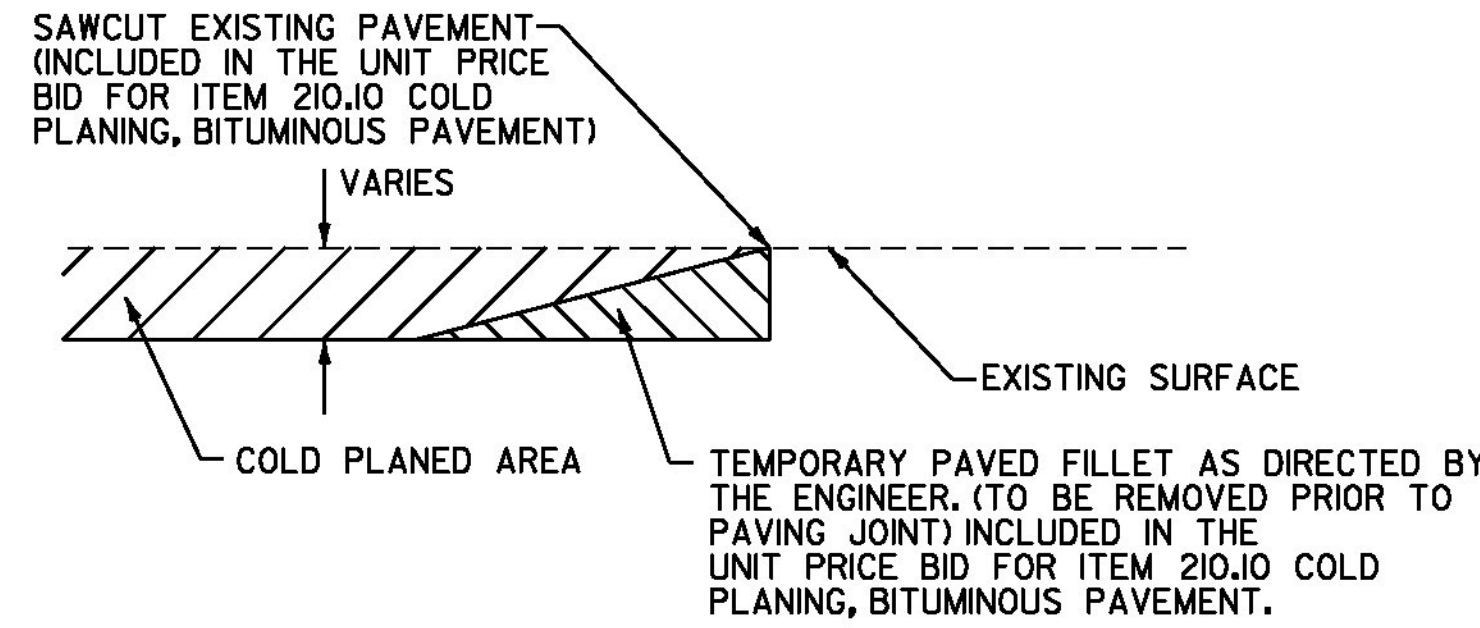
AREA TO BE COLD PLANED (PAVED SIDE ROADS) PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.
 AREA TO BE EXCAVATED (GRAVEL SIDE ROADS) PAYMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 608.15 POWER GRADER RENTAL.
 TEMPORARY PAVED FILLET AS DIRECTED BY THE ENGINEER. (TO BE REMOVED PRIOR TO PAVING JOINT) INCLUDED IN THE UNIT PRICE BID FOR ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.

OVERLAY APPROACH AREA DETAIL - SIDE ROADS

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

FULL ROADWAY WIDTH

- STARKSBORO:
 STA. 111+80, LT (TATRO ROAD)
 STA. 155+75, RT (BIG HOLLOW ROAD)
 STA. 216+94, LT (STATES PRISON HOLLOW ROAD)
 STA. 244+43, LT (CEMETERY ROAD)
 STA. 257+78, RT (VARNEY HILL ROAD)
 HINESBURG:
 STA. 14+87, LT (TYLER BRIDGE ROAD)
 STA. 44+79, RT (HOLLOW ROAD)
 STA. 56+28, LT (HINES ROAD)
 STA. 66+11, RT (OLD ROUTE 116)
 STA. 88+32, RT (OLD ROUTE 116)
 STA. 121+12, RT (NORTH ROAD)
 STA. 164+31, LT (GILMAN ROAD)
 STA. 164+38, RT (BEECHER HILL ROAD)
 STA. 176+33, RT (LAVIGNE HILL ROAD)
 STA. 205+56, RT (BUCK HILL ROAD WEST)
 STA. 287+47, LT (SHELburne FALLS ROAD)
 STA. 287+54, RT (CVU ROAD)
 STA. 315+58, RT (PLACE ROAD WEST)



DETAIL AT VERTICAL COLD PLANE JOINTS

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

FULL ROADWAY WIDTH

- STARKSBORO:
 STA. 144+98, LT (PARSONAGE ROAD)
 HINESBURG:
 STA. 231+47, LT (SILVER STREET)
 STA. 240+02, LT (CHARLOTTE ROAD)
 STA. 240+07, RT (LANTMAN'S EXIT)
 STA. 250+58, RT (MECHANICSVILLE ROAD)
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE STREET)

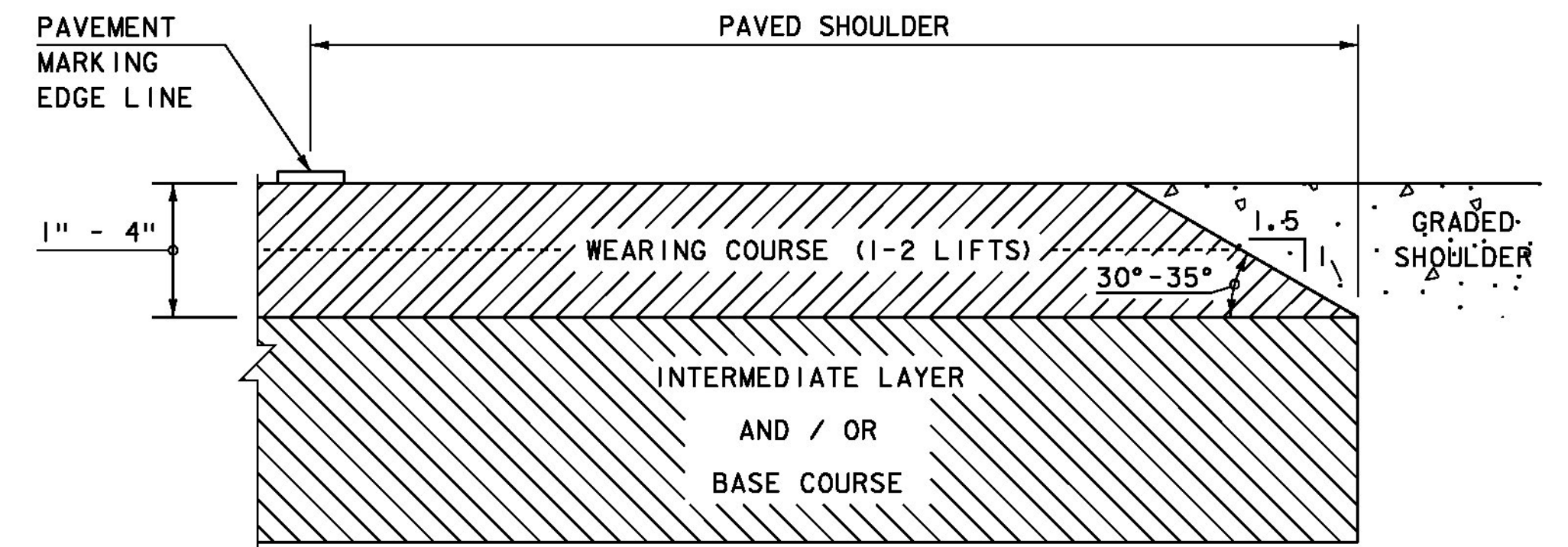
SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

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

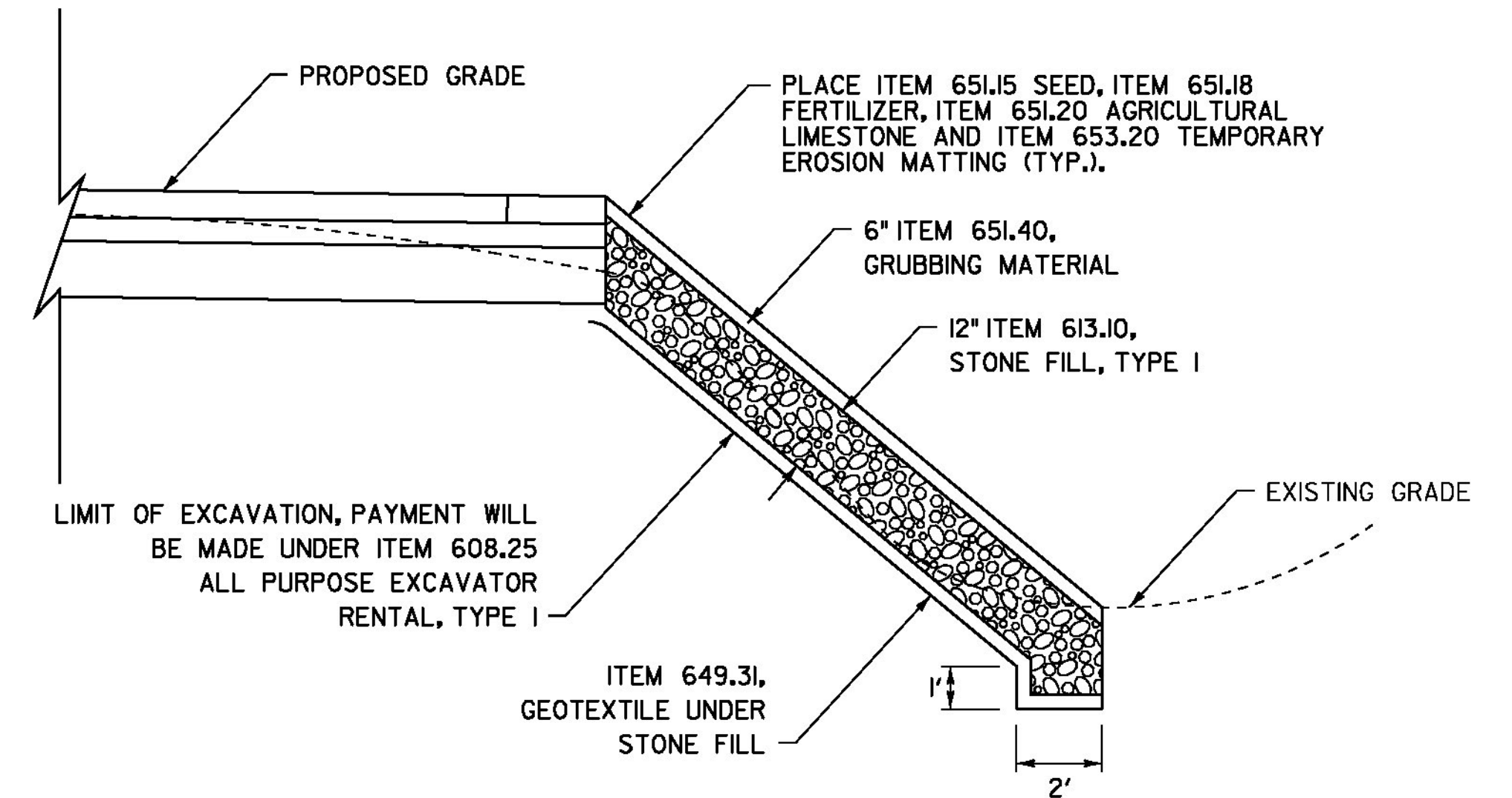
NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
 SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
 FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)
 AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
 HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
 TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.



SAFETY EDGE DETAIL

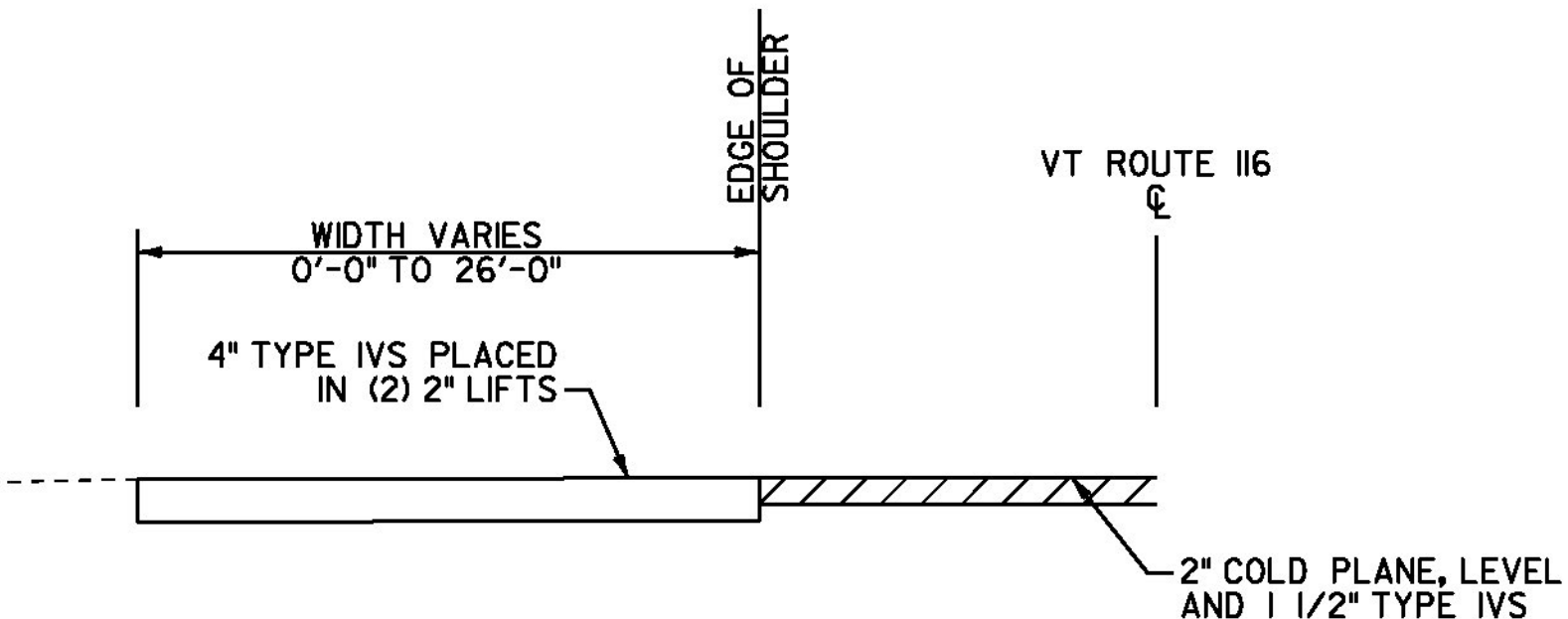
NOT TO SCALE



SLOPE EROSION PREVENTION DETAIL

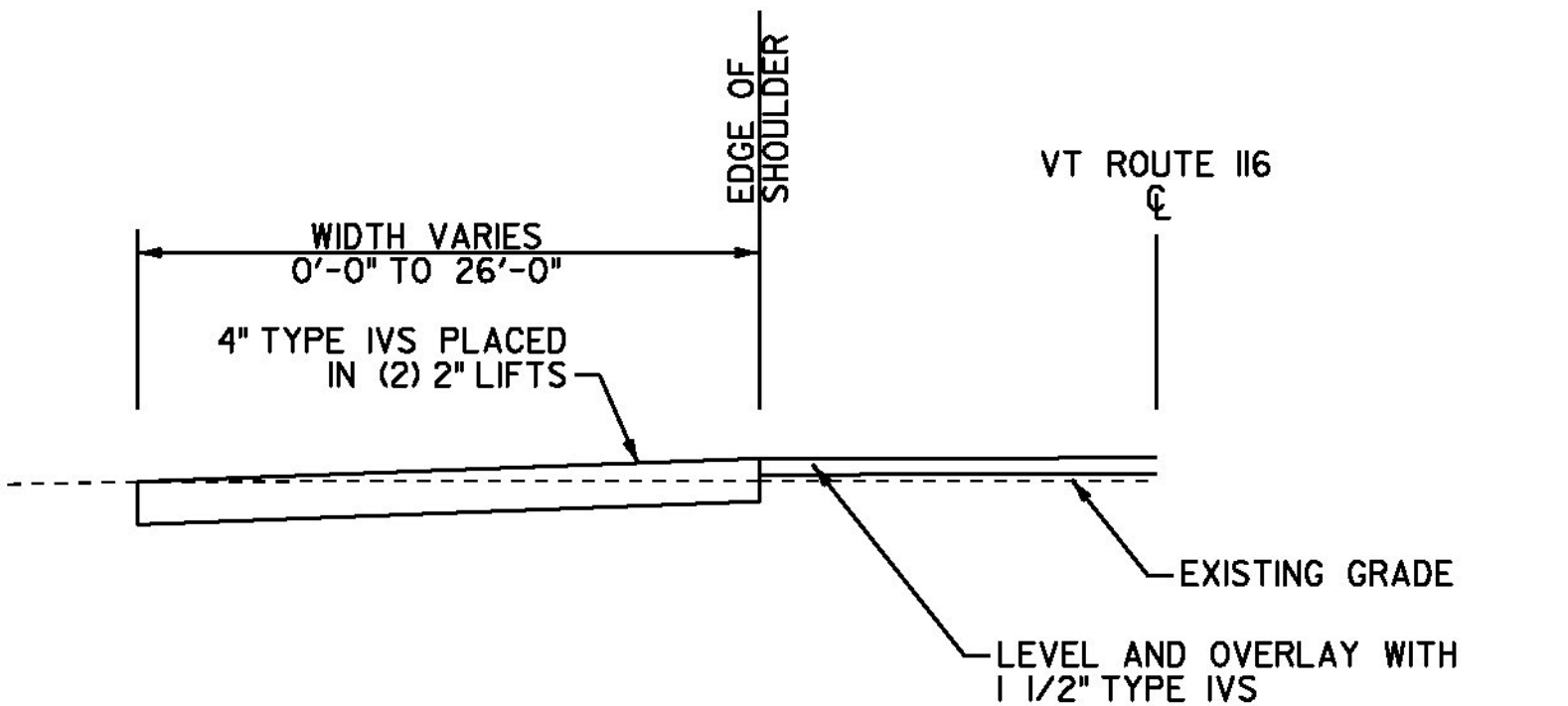
- STARKSBORO:
 STA. 114+29 TO 114+35, LT
 STA. 114+52 TO 114+85, LT
 STA. 115+33 TO 116+17, LT
 HINESBURG:
 STA. 76+75 TO 76+81, LT
 STA. 105+86 TO 105+92, LT
 STA. 107+46 TO 107+52, LT
 STA. 107+73 TO 107+79, LT
 STA. 107+85 TO 107+98, LT
 STA. 108+45 TO 108+55, LT
 STA. 109+49 TO 109+58, LT
 STA. 109+88 TO 109+97, LT
 STA. 110+26 TO 110+32, LT
 STA. 127+79 TO 127+87, LT
 STA. 143+74 TO 143+80, RT
 STA. 144+37 TO 144+43, RT
 STA. 288+74 TO 288+80, LT
 STA. 289+21 TO 289+27, LT
 STA. 327+37 TO 327+43, LT
 STA. 327+69 TO 327+75, LT
 STA. 327+77 TO 327+83, LT
 STA. 327+92 TO 328+10, LT
 STA. 329+16 TO 329+22, RT

NOT TO SCALE



PAVED PULL-OFF DETAIL IN COLD PLANE AREAS

STARKSBORO STA. 168+80, LT.



PAVED PULL-OFF DETAIL IN OVERLAY AREAS

STARKSBORO STA. 201+75, RT
 STARKSBORO STA. 300+60, LT

PAVED PULL-OFF

NOTES:

- GRADE EXISTING GRAVEL PULL-OFF AS NECESSARY TO PROVIDE A SMOOTH SURFACE OR AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE PAID BY ITEM 608.15 POWER GRADER RENTAL. ANY EXCAVATION REQUIRED, SHALL BE PAID AS ITEM 203.15 COMMON EXCAVATION.
- AN ESTIMATED QUANTITY OF ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) FOR WORK AT BOTH ENDS OF THE PULL-OFF HAS BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.



**PROJECT
 TYPICAL
 SHEET #3**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
 PROJECT LEADER: JLL DRAWN BY: STANTEC
 DESIGNED BY: STANTEC CHECKED BY: MCF
 IPARM FILE: p10b266pts03.i SHEET 4 OF 119

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL/ STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	QUANTITIES	UNIT	ITEMS
					1	EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-			COLD PLANING, BITUMINOUS PAVEMENT
130					130	CY	COMMON EXCAVATION	203.15	11.3	36310	SY	MAINLINE
2650					2650	CY	EARTH BORROW	203.30	-	173	SY	BRIDGE
					1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	2089	SY	SIDE ROADS
39300					39300	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	728	728	SY	ROUNDING
6400					6400	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	45	39300	SY	TOTAL
2070					2070	TON	AGGREGATE SHOULDERS, RAP	402.13	15			SUBBASE OF CRUSHED GRAVEL, FINE GRADED
					1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	6281	TON	SHOULDER REPAIR
28220					28220	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	341	19	TON	SIDEWALK RAMPS
					1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	54	TON	COMMERCE STREET WIDENING
					1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-	1	TON	STA. 239+34, LT DI REHAB
					1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-	45	TON	ROUNDING
					1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-	6400	TON	TOTAL
			160		160	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	8			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
			150		150	LF	REMOVAL OF EXISTING BRIDGE RAILING	525.10	-	18346	TON	MAINLINE (WEARING COURSE TYPE IVS)
			150		150	LF	BRIDGE RAILING REPAIR, TYPE II	525.55	-	13	TON	BRIDGE (WEARING COURSE TYPE IVS)
			100		100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.	599	TON	SIDE ROADS (WEARING COURSE TYPE IVS)
22		5			27	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-	8	TON	COMMERCE STREET WIDENING (BASE COURSE TYPE IVS)
5					5	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-	146	TON	PULL-OFFS (WEARING COURSE TYPE IVS)
60					60	HR	POWER GRADER RENTAL	608.15	EST.	6317	TON	LEVELING (TYPE IVS)
330					330	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.	2450	TON	SPOT LEVELING (TYPE IVS)
60					60	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.	341	TON	ROUNDING
660					660	HR	TRUCK RENTAL	608.37	EST.	28220	TON	TOTAL
40					40	HR	LOADER RENTAL, TYPE I	608.40	EST.			STONE FILL, TYPE I
355					355	CY	STONE FILL, TYPE I	613.10	6	225	CY	DITCH CLEANING
22					22	LF	VERTICAL GRANITE CURB	616.21	1	124	CY	SLOPE EROSION PREVENTION
130					130	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	7	6	CY	ROUNDING
2150					2150	LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	28	355	CY	TOTAL
25					25	LF	REMOVING AND RESETTING CURB	616.40	4			
150					150	LF	REMOVAL OF EXISTING CURB	616.41	6			
10					10	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	1.4			
16					16	EACH	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	-			
6					6	EACH	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	-			
65					65	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	3			
100					100	SF	DETECTABLE WARNING SURFACE	618.30	4			
100					100	EACH	YIELDING MARKER POSTS	619.17	EST.			
12900					12900	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	89			

 REVISED 01-04-13

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn PLOT DATE: 04-JAN-2013
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: JLL
IPARM FILE: p10b266qs01.i SHEET 5 OF 119

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL/ STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	QUANTITIES	UNIT	ITEMS
7200					7200	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	84			
150					150	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	20			
150					150	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED	621.216	-			
106					106	EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
20000					20000	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	11			
	1	12			13	EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-			
		13			13	EACH	ADJUST ELEVATION OF VALVE BOX (MONITORING WELLS)	629.20	-			
600					600	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
2200					2200	HR	FLAGGERS	630.15	EST.			
				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	-			
1					1	LS	PUBLIC RELATIONS OFFICER	641.12	-			
2					2	EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
525					525	LF	24 INCH STOP BAR	646.26	7			
52					52	EA	LETTER OR SYMBOL	646.30	-			
200					200	LF	CROSSWALK MARKING	646.31	6			
							BEGIN OPTION AA					
132300					132300	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	1370			
132300					132300	LF	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	646.403	1370			
132300					132300	LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	1370			
							END OPTION AA					
							BEGIN OPTION BB					
110200					110200	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	1156			
110200					110200	LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	1156			
110200					110200	LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	1156			
							END OPTION BB					
							BEGIN OPTION CC					
370					370	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	5			
370					370	LF	DURABLE 8 INCH WHITE LINE, EPOXY PAINT	646.443	5			
370					370	LF	DURABLE 8 INCH WHITE LINE, POLYUREA	646.444	5			
							END OPTION CC					

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: JLL
IPARM FILE: p10b266qs02.i SHEET 6 OF 119

QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES						TOTALS	DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES			
ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL/ STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	QUANTITIES	UNIT	ITEMS	
							BEGIN OPTION DD					GEOTEXTILE UNDER STONE FILL	
85					85	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	3	1013	SY	DITCH CLEANING	
85					85	LF	DURABLE 8 INCH YELLOW LINE, EPOXY PAINT	646.453	3	457	SY	SLOPE EROSION PREVENTION	
85					85	LF	DURABLE 8 INCH YELLOW LINE, POLYUREA	646.454	3	30	SY	ROUNDING	
							END OPTION DD			1500	SY	TOTAL	
							BEGIN OPTION EE					SEED	
320					320	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	7	65	LB	DITCH CLEANING	
320					320	LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	7	5	LB	SLOPE EROSION PREVENTION	
320					320	LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	7	317	LB	TURF ESTABLISHMENT	
							END OPTION EE			5	LB	EXCAVATION OF PAVEMENT (CEMETERY ROAD)	
							BEGIN OPTION FF			1	LB	EXCAVATION OF PAVEMENT (OLD ROUTE 116)	
72					72	EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-	1	LB	EXCAVATION OF PAVEMENT (OLD ROUTE 116)	
72					72	EACH	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-	2	LB	EXCAVATION OF PAVEMENT (BEECHER HILL ROAD)	
72					72	EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-	1	LB	HINESBURG STA. 239+34, LT DI REHAB	
							END OPTION FF			1	LB	HINESBURG STA. 260+39 TO 260+53, RT WIDENING FOR (COMMERCE STREET)	
							BEGIN OPTION GG			1	LB	HINESBURG STA. 260+97 TO 261+27, RT WIDENING FOR (COMMERCE STREET)	
180					180	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	5				
180					180	LF	DURABLE CROSSWALK MARKING, EPOXY PAINT	646.503	5	1	LB	ROUNDING	
180					180	LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	5	400	LB	TOTAL	
							END OPTION GG					TEMPORARY EROSION MATTING	
264500					264500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	2640	3682	SY	DITCH CLEANING	
220300					220300	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	2212	2650	SY	GUARDRAIL END SECTIONS	
740					740	LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	10	302	SY	SLOPE EROSION PREVENTION	
175					175	LF	TEMPORARY 8 INCH YELLOW LINE, PAINT	646.652	11	270	SY	EXCAVATION OF PAVEMENT (CEMETERY ROAD)	
1670					1670	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	8	385	SY	EXCAVATION OF PAVEMENT (OLD ROUTE 116)	
248					248	EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-	155	SY	EXCAVATION OF PAVEMENT (OLD ROUTE 116)	
750					750	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	12	1100	SY	EXCAVATION OF PAVEMENT (BEECHER HILL ROAD)	
6600					6600	EACH	LINE STRIPING TARGETS	646.76	130	7	SY	HINESBURG STA. 239+34, LT DI REHAB	
1500					1500	SY	GEOTEXTILE UNDER STONE FILL	649.31	30	8	SY	HINESBURG STA. 260+39 TO 260+53, RT WIDENING FOR (COMMERCE STREET)	
400					400	LB	SEED	651.15	1	4	SY	HINESBURG STA. 260+97 TO 261+27, RT WIDENING FOR (COMMERCE STREET)	
1820					1820	LB	FERTILIZER	651.18	EST.				
10					10	TON	AGRICULTURAL LIMESTONE	651.20	EST.				
10					10	TON	HAY MULCH	651.25	EST.				
300					300	CY	TOPSOIL	651.35	EST.				
310					310	SY	GRUBBING MATERIAL	651.40	8				
8600					8600	SY	TEMPORARY EROSION MATTING	653.20	37				
1285					1285	SF	TRAFFIC SIGNS, TYPE A	675.20	4.66				

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: JLL
IPARM FILE: p10b266qs03.i SHEET 7 OF 119

QUANTITY SHEET 4

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTORS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL/ STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND	QUANTITIES	UNIT	ITEMS	
95					95	LB	TUBULAR STEEL SIGN POST	675.33	3				
4000					4000	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.34	11				
1					1	EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-				
335					335	EACH	REMOVING SIGNS	675.50	-				
6					6	EACH	ERECTING SALVAGED SIGNS	675.60	-				
110					110	EACH	DELINEATOR WITH STEEL POST	676.10	2				
105					105	EACH	REMOVAL OF EXISTING DELINEATOR	676.12	2				
1					1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-				
1					1	EACH	SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 116 @ CHARLOTTE ROAD)	900.620	-				
1					1	EACH	SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 116 @ COMMERCE STREET)	900.620	-				
5					5	EACH	SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)	900.620	-				
1					1	EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD)	900.620	-				
1					1	EACH	SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ COMMERCE STREET)	900.620	-				
1					1	EACH	SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD)	900.620	-				
1					1	LS	SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (VT ROUTE 116 @ COMMERCE STREET)	900.645	-				
5300					5300	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	100				
200					200	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE 1)	900.680	EST.				
21810					21810	TON	SPECIAL PROVISION (MATERIAL TRANSFER DEVICE)	900.680	248				
1610					1610	CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	900.683	51				

PROJECT NAME:	STARKSBORO-HINESBURG
PROJECT NUMBER:	STP 2930(I)
FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: JLL
IPARM FILE: p10b266qs04.i	SHEET 8 OF 119

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS	
BEGIN MILE STA.	END MILE STA.	POS.	621.20 S.B. G.R. GALV. LF	621.205 S.B. G.R. GALV. 8' POST LF	621.21 H.D. S.B. G.R. GALV. LF	621.216 HD S.B. G.R. GALV./NEST. LF	621.60 ANCHOR FOR S.B. RAIL EA	621.80 REMOVAL & DISPOSAL OF GUARDRAIL LF	203.15 COMMON EXCAVATION CY	203.30 EARTH BORROW CY	301.28 SUBBASE CRUSHED GRAVEL TON	402.13 AGGREGATE SHOULDERS, RAP TON	604.412 REHAB DI, CB, OR MH, CLASS I EA	604.415 REHAB DI, CB, OR MH, CLASS II EA	613.10 STONE FILL, TYPE I CY	616.21 VERTICAL GRANITE CURB LF	616.28 C-I-P CONC. CURB, TYPE B LF	616.305 BIT. CONC. CURB, TYPE A LF	616.40 REMOV. & RESET CURB LF	616.41 REMOV. EXIST. CURB LF		
VT ROUTE 116																						
STARKSBORO	HINESBURG																					QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEET 17
87+12.00	381+69.12	LT&RT									6281	2055	22	5								SEE DITCH CLEANING DETAIL SHEET 20
STARKSBORO																						
95+95.5	99+58.0	LT		366.5			2	360		50												INSTALL ANCHORS @ STA. 95+95.5 AND 99+58.0
96+42.0	99+44.0	RT	304				2	302		50												INSTALL ANCHORS @ STA. 96+44.0 AND 99+44.0
99+84.0	103+46.5	LT	366.5				2	361.5		50												INSTALL ANCHORS @ STA. 99+84.0 AND 103+46.5
112+82.0	118+45.0	RT	566.5				2	563		50												INSTALL ANCHORS @ STA. 112+82.0 AND 118+44.5.
113+54.0	117+94.0	LT	441.5				2	440		50					55							INSTALL ANCHORS @ STA. 113+54.0 AND 117+91.5. REPAIR SLOPE EROSION AT 114+32, 114+52 - 114+85 & 115+33 - 116+17. SEE DETAIL ON SHEET 4.
123+12.0	123+85.0	LT																				CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 19.
143+57.0	143+68.0	LT																				CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 19.
168+80		LT							24.1													REMOVE 2" OF EXISTING GRAVEL IN PULL-OFF FOR COLD PLANING AND PAVING.
178+90.0	181+97.0	LT	304				2	304		50												INSTALL ANCHORS @ STA. 178+90.0 AND 181+90.0
184+00.0	186+38.5	LT	241.5				2	238.5		50												INSTALL ANCHORS @ STA. 184+01.0 AND 186+38.5
186+65.0	217+40.0	LT	3104				2	3100		50												INSTALL ANCHORS @ STA. 186+65.0 AND 217+40.0
220+05.0	223+95.0	LT	391.5				2	390		50												INSTALL ANCHORS @ STA. 220+05.0 AND 223+92.5
243+41.0	244+92.0	LT							30													REMOVE EXISTING PAVEMENT, SEE SHEET 36 FOR LIMITS OF WORK
279+05.0	284+34.0	LT	529				2	527		50												INSTALL ANCHORS @ STA. 279+05.0 AND 284+30.0
279+70.0	284+23.0	RT	454				2	453		50												INSTALL ANCHORS @ STA. 279+70.0 AND 284+20.0
289+97.0	292+50.0	RT	254				2	253		50												INSTALL ANCHORS @ STA. 290+00.0 AND 292+50.0
295+08.0	296+23.5	RT	116.5				2	115.5		50												INSTALL ANCHORS @ STA. 295+10.0 AND 296+22.5
295+87.0	297+15.0	LT	129				2	127		50												INSTALL ANCHORS @ STA. 295+90.0 AND 297+15.0
301+60.0	305+63.0	LT	404				2	401		50												INSTALL ANCHORS @ STA. 301+60.0 AND 305+60.0
306+84.0	309+36.5	LT	254				2	252.5		50												INSTALL ANCHORS @ STA. 306+85.0 AND 309+35.0
312+96.5	319+35.5	RT	641.5				2	639		50												INSTALL ANCHORS @ STA. 312+98.0 AND 319+35.5
316+71.0	319+58.5	LT	291.5				2	287.5		50												INSTALL ANCHORS @ STA. 316+71.0 AND 319+58.5
323+80.0	328+56.5	RT	479				2	475.5		50												INSTALL ANCHORS @ STA. 323+80.0 AND 328+55.0
324+30.0	328+59.0	LT	429				2	429		50												INSTALL ANCHORS @ STA. 324+34.0 AND 328+59.0
350+20.0	351+49.5	RT	129				2	127.5		50												INSTALL ANCHORS @ STA. 350+20.0 AND 351+45.0
STARKSBORO	HINESBURG																					
350+42.5	0+02.0	LT		179			2	175		50												INSTALL ANCHORS @ STARKSBORO STA. 350+43.0 AND HINESBURG STA. 0+02.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STARKSBORO STA. 350+43.0 TO HINESBURG STA. 0+02.0
HINESBURG																						
7+40.5	8+55.5	LT	116.5				2	115		50												INSTALL ANCHORS @ STA. 7+43.0 AND 8+55.5

SHEET SUBTOTALS:			9946.5	545.5			46	10436.5	54.1	1150	6281	2055	22	5	280						
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ITEM DETAIL SUMMARY SHEET #1	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
PROJECT LEADER: JLL	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
IPARM FILE: p10b266ids01.i	CHECKED BY: STANTEC
	SHEET 9 OF 119

ITEM DETAIL SUMMARY SHEET 2

LOCATION			MISCELLANEOUS														REMARKS				
BEGIN MILE STA.	END MILE STA.	POS.	616.47 BIT. CONC. GUTTERS & TRAFF. ISL. TON	617.10 RELOCATE MAILBOX, SINGLE SUPP. EA	617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA	618.10 PORT. CEM. CONC. SIDEWALK, 5 INCH SY	618.30 DET. WARNING SURFACE SF	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EA	676.12 REMOVAL OF EXIST. DELINEATOR EA										
VT ROUTE 116																					
STARKSBORO	HINESBURG																				
87+12.00	381+69.12	LT&RT		16	6																QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEET 17
87+12.00	381+69.12	LT&RT							1013	3682											SEE DITCH CLEANING DETAIL SHEET 20
STARKSBORO																					
95+95.5	99+58.0	LT							50	2	2										INSTALL ANCHORS @ STA. 95+95.5 AND 99+58.0
96+42.0	99+44.0	RT							50	2	2										INSTALL ANCHORS @ STA. 96+44.0 AND 99+44.0
99+84.0	103+46.5	LT							50	2	2										INSTALL ANCHORS @ STA. 99+84.0 AND 103+46.5
112+82.0	118+45.0	RT							50	2	2										INSTALL ANCHORS @ STA. 112+82.0 AND 118+44.5.
113+54.0	117+94.0	LT							187	187	2	2									INSTALL ANCHORS @ STA. 113+54.0 AND 117+91.5. REPAIR SLOPE EROSION AT 114+32, 114+52 - 114+85 & 115+33 - 116+17. SEE DETAIL ON SHEET 4.
123+12.0	123+85.0	LT	3.8																		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 19.
143+57.0	143+68.0	LT	0.6																		CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET 19.
168+80		LT																			REMOVE 2" OF EXISTING GRAVEL IN PULL-OFF FOR COLD PLANING AND PAVING.
178+90.0	181+97.0	LT							50	2	2										INSTALL ANCHORS @ STA. 178+90.0 AND 181+90.0
184+00.0	186+38.5	LT							50	2	1										INSTALL ANCHORS @ STA. 184+01.0 AND 186+38.5
186+65.0	217+40.0	LT							50	2	1										INSTALL ANCHORS @ STA. 186+65.0 AND 217+40.0
220+05.0	223+95.0	LT							50	2	2										INSTALL ANCHORS @ STA. 220+05.0 AND 223+92.5
243+41.0	244+92.0	LT							270												REMOVE EXISTING PAVEMENT, SEE SHEET 36 FOR LIMITS OF WORK
279+05.0	284+34.0	LT							50	2	1										INSTALL ANCHORS @ STA. 279+05.0 AND 284+30.0
279+70.0	284+23.0	RT							50	2	2										INSTALL ANCHORS @ STA. 279+70.0 AND 284+20.0
289+97.0	292+50.0	RT							50	2	2										INSTALL ANCHORS @ STA. 290+00.0 AND 292+50.0
295+08.0	296+23.5	RT							50	2	2										INSTALL ANCHORS @ STA. 295+10.0 AND 296+22.5
295+87.0	297+15.0	LT							50	2	2										INSTALL ANCHORS @ STA. 295+90.0 AND 297+15.0
301+60.0	305+63.0	LT							50	2	2										INSTALL ANCHORS @ STA. 301+60.0 AND 305+60.0
306+84.0	309+36.5	LT							50	2	2										INSTALL ANCHORS @ STA. 306+85.0 AND 309+35.0
312+96.5	319+35.5	RT							50	2	2										INSTALL ANCHORS @ STA. 312+98.0 AND 319+35.5
316+71.0	319+58.5	LT							50	2	2										INSTALL ANCHORS @ STA. 316+71.0 AND 319+58.5
323+80.0	328+56.5	RT							50	2	2										INSTALL ANCHORS @ STA. 323+80.0 AND 328+55.0
324+30.0	328+59.0	LT							50	2	1										INSTALL ANCHORS @ STA. 324+34.0 AND 328+59.0
350+20.0	351+49.5	RT							50	2	2										INSTALL ANCHORS @ STA. 350+20.0 AND 351+45.0
STARKSBORO	HINESBURG																				
350+42.5	0+02.0	LT							50	2	2										INSTALL ANCHORS @ STARKSBORO STA. 350+43.0 AND HINESBURG STA. 0+02.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STARKSBORO STA. 350+43.0 TO 350+93.0
HINESBURG																					
7+40.5	8+55.5	LT							50	2	1										INSTALL ANCHORS @ STA. 7+43.0 AND 8+55.5
SHEET SUBTOTALS:			4.4	16	6				1200	5239	46	41									

ITEM DETAIL SUMMARY SHEET #2	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
CHECKED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: p10b266ids02.i	SHEET 10 OF 119

ITEM DETAIL SUMMARY SHEET 3

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS		
BEGIN MILE STA.	END MILE STA.	POS.	621.20	621.205	621.21	621.216	621.60	621.80	203.15	203.30	301.28	402.13	604.412	604.415	613.10	616.21	616.28	616.305	616.40	616.41			
			S.B. G.R. GALV. LF	S.B. G.R. GALV. 8' POST LF	H.D. S.B. G.R. GALV. LF	HD S.B. G.R. GALV./NEST. LF	ANCHOR FOR S.B. RAIL EA	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAVATION CY	EARTH BORROW CY	SUBBASE CRUSHED GRAVEL TON	AGGREGATE SHOULDERS, RAP TON	REHAB DI, CB, OR MH, CLASS I EA	REHAB DI, CB, OR MH, CLASS II EA	STONE FILL, TYPE I CY	VERTICAL GRANITE CURB LF	C-I-P CONC. CURB, TYPE B LF	BIT. CONC. CURB, TYPE A LF	REMOV. & RESET CURB LF	REMOV. EXIST. CURB LF			
VT ROUTE 116 HINESBURG																							
7+50.0	8+52.5	RT	104					2	102.5														INSTALL ANCHORS @ STA. 7+50.0 AND 8+50.0
34+75.0	39+75.0	LT	114.5	264.5	65			2	429														INSTALL ANCHORS @ STA. 34+75.0 AND 39+75.0. REFER TO SHEET 16
35+05.0	38+17.5	RT	191.5		65			2	237.5														INSTALL ANCHORS @ STA. 35+05.0 AND 38+17.5. REFER TO SHEET 16
65+00.0	68+15.5	LT	316.5					2	306.5									259					INSTALL ANCHORS @ STA. 65+00.0 AND 68+12.5. INSTALL BIT. CONC. CURB, TYPE A STA. 65+31 TO 67+90, LT. INSTALL PERPENDICULAR BIT. GUTTER STA. 65+29, REFER TO DETAIL ON SHEET 18.
65+05.5	66+43.0	RT	141.5					2	137.5														INSTALL ANCHORS @ STA. 65+05.5 AND 66+43.0
66+25.0	67+04.0	RT							4.8														REMOVE EXISTING PAVEMENT, SEE SHEET 51 FOR LIMITS OF WORK
76+69.0	80+09.0	LT		341.5				2	340						3				311				INSTALL ANCHORS @ STA. 76+70.0 AND 80+07.5. INSTALL BIT. CONC. CURB, TYPE A STA. 76+80 TO 77+13 AND 77+18 TO 79+96. INSTALL PERPENDICULAR BIT. GUTTER STA. 77+15, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 76+78. SEE DETAIL ON SHEET 4.
76+86.5	79+76.5	RT		291.5				2	290										260				INSTALL ANCHORS @ STA. 76+86.5 AND 79+74.0. INSTALL BIT. CONC. CURB, TYPE A STA. 77+05.5 TO 79+65.5. INSTALL PERPENDICULAR BIT. GUTTER STA. 77+03.5, REFER TO DETAIL ON SHEET 18.
83+78.5	88+80.0	LT		504				2	501.5														INSTALL ANCHORS @ STA. 83+79.0 AND 88+79.0
87+58.0	88+08.0	RT							1.9														REMOVE EXISTING PAVEMENT, SEE SHEET 53 FOR LIMITS OF WORK
103+29.0	112+67.0	LT		941.5				2	938						30								INSTALL ANCHORS @ STA. 103+29.5 AND 112+67.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STA. 106+67.0 TO 110+17.0. REPAIR SLOPE EROSION AT 105+89, 107+49, 107+76, 107+85 - 107+98, 108+45 - 108+55, 109+49 - 109+58, 109+88 - 109+97 & 110+29. SEE DETAIL ON SHEET 4
122+65.0	130+90.0	RT	829					2	822														INSTALL ANCHORS @ STA. 122+65.0 AND 130+90.0.
126+62.5	130+00.0	LT		341.5				2	334						4				245				INSTALL ANCHORS @ STA. 126+62.5 AND 130+00.0. INSTALL BIT. CONC. CURB, TYPE A STA. 126+93 TO 128+19 AND 128+25 TO 129+44. INSTALL PERPENDICULAR BIT. GUTTER STA. 128+22, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 127+79 - 127+87. SEE DETAIL ON SHEET 4.
131+25.5	144+51.0	RT	214.5	1114.5				2	1325						6				1047				INSTALL ANCHORS @ STA. 131+25.5 AND 144+50.5. INSTALL BIT. CONC. CURB, TYPE A STA. 133+38.5 TO 135+01.5, 135+08.5 TO 137+33.5, 137+40 TO 140+02.5, 140+08.5 TO 144+02.5. INSTALL PERPENDICULAR BIT. GUTTER STA. 135+05, 137+37, 140+05, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 143+77 & 144+40. SEE DETAIL ON SHEET 4.
144+31.0	145+33.5	LT		104				2	102.5														INSTALL ANCHORS @ STA. 144+33.5 AND 145+33.5
147+89.0	148+67.0	LT		79				2	78														INSTALL ANCHORS @ STA. 147+90.0 AND 148+65.0. INSTALL PERPENDICULAR BIT. GUTTER STA. 148+04, REFER TO DETAIL ON SHEET 18.
147+93.0	148+96.0	RT		104				2	103														INSTALL ANCHORS @ STA. 147+95.0 AND 148+95.0
163+73.0	164+90.0	RT							13.6														REMOVE EXISTING PAVEMENT, SEE SHEET 60 FOR LIMITS OF WORK
166+92.5	168+42.5	LT	104			50		2	141														INSTALL ANCHORS @ STA. 166+92.5 AND 168+42.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
166+98.5	167+73.5	RT	29			50		2	66														INSTALL ANCHORS @ STA. 166+98.5 AND 167+73.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
173+92.0	174+70.5	LT	79					2	78.5														INSTALL ANCHORS @ STA. 173+95.0 AND 174+70.0
228+35		LT							2.5		2.5						17.5				17.5		CONSTRUCT SIDEWALK RAMP, TYPE 1
228+46		RT							0.7		0.7												CONSTRUCT SIDEWALK RAMP, TYPE 2
238+70		RT							3.0		2.8												CONSTRUCT SIDEWALK RAMP, TYPE 1
238+96		RT							0.4		0.5												CONSTRUCT SIDEWALK RAMP, TYPE 1
SHEET SUBTOTALS:			2123.5	4086	130	100	36	6332.5	26.9	900	6.5				43		17.5	2122			17.5		

ITEM DETAIL SUMMARY SHEET #3	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: p10b266ids03.i	SHEET 11 OF 119

ITEM DETAIL SUMMARY SHEET 4

LOCATION			MISCELLANEOUS													REMARKS					
BEGIN MILE STA.	END MILE STA.	POS.	616.47 BIT. CONC. GUTTERS & TRAFF. ISL. TON	617.10 RELOC. MAILBOX, SINGLE SUPP. EA	617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA	618.10 PORT. CEM. CONC. SIDEWALK, 5 INCH SY	618.30 DET. WARNING SURFACE SF	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EA	676.12 REMOVAL OF EXIST. DELINEATOR EA										
VT ROUTE 116 HINESBURG																					
7+50.0	8+52.5	RT							50	2	2										INSTALL ANCHORS @ STA. 7+50.0 AND 8+50.0
34+75.0	39+75.0	LT							50	2	2										INSTALL ANCHORS @ STA. 34+75.0 AND 39+75.0. REFER TO SHEET 16
35+05.0	38+17.5	RT							50	2	2										INSTALL ANCHORS @ STA. 35+05.0 AND 38+17.5. REFER TO SHEET 16
65+00.0	68+15.5	LT	0.2						50	2	2										INSTALL ANCHORS @ STA. 65+00.0 AND 68+12.5. INSTALL BIT. CONC. CURB, TYPE A STA. 65+31 TO 67+90, LT. INSTALL PERPENDICULAR BIT. GUTTER STA. 65+29, REFER TO DETAIL ON SHEET 18.
65+05.5	66+43.0	RT							50	2	2										INSTALL ANCHORS @ STA. 65+05.5 AND 66+43.0
66+25.0	67+04.0	RT							385												REMOVE EXISTING PAVEMENT, SEE SHEET 51 FOR LIMITS OF WORK
76+69.0	80+09.0	LT	0.6					12	57	2	2										INSTALL ANCHORS @ STA. 76+70.0 AND 80+07.5. INSTALL BIT. CONC. CURB, TYPE A STA. 76+80 TO 77+13 AND 77+18 TO 79+96. INSTALL PERPENDICULAR BIT. GUTTER STA. 77+15, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 76+78. SEE DETAIL ON SHEET 4.
76+86.5	79+76.5	RT	0.2						50	2	2										INSTALL ANCHORS @ STA. 76+86.5 AND 79+74.0. INSTALL BIT. CONC. CURB, TYPE A STA. 77+05.5 TO 79+65.5. INSTALL PERPENDICULAR BIT. GUTTER STA. 77+03.5, REFER TO DETAIL ON SHEET 18.
83+78.5	88+80.0	LT							50	2	2										INSTALL ANCHORS @ STA. 83+79.0 AND 88+79.0
87+58.0	88+08.0	RT							155												REMOVE EXISTING PAVEMENT, SEE SHEET 53 FOR LIMITS OF WORK
103+29.0	112+67.0	LT						119	123	2	2										INSTALL ANCHORS @ STA. 103+29.5 AND 112+67.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STA. 106+67.0 TO 110+17.0. REPAIR SLOPE EROSION AT 105+89, 107+49, 107+76, 107+85 - 107+98, 108+45 - 108+55, 109+49 - 109+58, 109+88 - 109+97 & 110+29. SEE DETAIL ON SHEET 4
122+65.0	130+90.0	RT							50	2	2										INSTALL ANCHORS @ STA. 122+65.0 AND 130+90.0.
126+62.5	130+00.0	LT	0.8					14	59	2	2										INSTALL ANCHORS @ STA. 126+62.5 AND 130+00.0. INSTALL BIT. CONC. CURB, TYPE A STA. 126+93 TO 128+19 AND 128+25 TO 129+44. INSTALL PERPENDICULAR BIT. GUTTER STA. 128+22, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 127+79 - 127+87. SEE DETAIL ON SHEET 4.
131+25.5	144+51.0	RT	1.8					24	64	2	2										INSTALL ANCHORS @ STA. 131+25.5 AND 144+50.5. INSTALL BIT. CONC. CURB, TYPE A STA. 133+38.5 TO 135+01.5, 135+08.5 TO 137+33.5, 137+40 TO 140+02.5, 140+08.5 TO 144+02.5. INSTALL PERPENDICULAR BIT. GUTTER STA. 135+05, 137+37, 140+05, REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 143+77 & 144+40. SEE DETAIL ON SHEET 4.
144+31.0	145+33.5	LT							50	2	2										INSTALL ANCHORS @ STA. 144+33.5 AND 145+33.5
147+89.0	148+67.0	LT	0.3						50	2	2										INSTALL ANCHORS @ STA. 147+90.0 AND 148+65.0. INSTALL PERPENDICULAR BIT. GUTTER STA. 148+04, REFER TO DETAIL ON SHEET 18.
147+93.0	148+96.0	RT							50	2	2										INSTALL ANCHORS @ STA. 147+95.0 AND 148+95.0
163+73.0	164+90.0	RT							1100												REMOVE EXISTING PAVEMENT, SEE SHEET 60 FOR LIMITS OF WORK
166+92.5	168+42.5	LT							50	2	2										INSTALL ANCHORS @ STA. 166+92.5 AND 168+42.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
166+98.5	167+73.5	RT							50	2	2										INSTALL ANCHORS @ STA. 166+98.5 AND 167+73.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
173+92.0	174+70.5	LT							50	2	2										INSTALL ANCHORS @ STA. 173+95.0 AND 174+70.0
228+35		LT					8	8													CONSTRUCT SIDEWALK RAMP, TYPE 1
228+46		RT					2	16													CONSTRUCT SIDEWALK RAMP, TYPE 2
238+70		RT					10	10													CONSTRUCT SIDEWALK RAMP, TYPE 1
238+96		RT					1	10													CONSTRUCT SIDEWALK RAMP, TYPE 1
SHEET SUBTOTALS:			3.9			21	44	169	2643	36	36										

ITEM DETAIL SUMMARY SHEET #4	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: p10b266ids04.i	SHEET 12 OF 119

ITEM DETAIL SUMMARY SHEET 5

LOCATION			GUARDRAIL						MISCELLANEOUS												REMARKS		
BEGIN MILE STA.	END MILE STA.	POS.	621.20	621.205	621.21	621.216	621.60	621.80	203.15	203.30	301.28	402.13	604.412	604.415	613.10	616.21	616.28	616.305	616.40	616.41			
			S.B. G.R. GALV. LF	S.B. G.R. GALV. 8' POST LF	H.D. S.B. G.R. GALV. LF	HD S.B. G.R. GALV./NEST. LF	ANCHOR FOR S.B. RAIL EA	REMOVAL & DISPOSAL OF GUARDRAIL LF	COMMON EXCAVATION CY	EARTH BORROW CY	SUBBASE CRUSHED GRAVEL TON	AGGREGATE SHOULDERS, RAP TON	REHAB DI, CB, OR MH, CLASS I EA	REHAB DI, CB, OR MH, CLASS II EA	STONE FILL, TYPE I CY	VERTICAL GRANITE CURB LF	C-I-P CONC. CURB, TYPE B LF	BIT. CONC. CURB, TYPE A LF	REMOV. & RESET CURB LF	REMOV. EXIST. CURB LF			
VT ROUTE 116 HINESBURG																							
	239+34	LT									0.9					21				21		INSTALL NEW VERTICAL GRANITE CURB FOR DIREHAB SEE NEW CURB DETAIL ON SHEET 3	
	239+98	RT							1.8		1.8											CONSTRUCT SIDEWALK RAMP, TYPE 1	
	240+16	RT							1.0		0.9											CONSTRUCT SIDEWALK RAMP, TYPE 1	
	240+33	LT							2.7		2.6											CONSTRUCT SIDEWALK RAMP, TYPE 1	
	241+25	LT							4.2		4.0								21			CONSTRUCT SIDEWALK RAMP, TYPE 6	
	250+94.7	251+07.2	LT	14.5				1	12.5		25											INSTALL ANCHOR @ STA. 250+94.7	
	251+25.0	251+37.5	RT	14.5				1	12.5		25											INSTALL ANCHOR @ STA. 251+25.0	
	260+27	LT							1.4		1.2											CONSTRUCT SIDEWALK RAMP, TYPE 2	
	260+39	260+53	RT						16.6		36						69			69		REMOVE & INSTALL CONCRETE CURB DURING WIDENING OF COMMERCE STREET SEE NEW CURB AND WIDENING DETAIL ON SHEET 18	
	260+97	261+27	RT						8.3		18						36.5			36.5		REMOVE & INSTALL CONCRETE CURB DURING WIDENING OF COMMERCE STREET SEE NEW CURB AND WIDENING DETAIL ON SHEET 18	
	260+98	RT							1.7		1.6											CONSTRUCT SIDEWALK RAMP, TYPE 2	
	264+82.5	266+09.0	RT		104		25	2	122.5		50											INSTALL ANCHORS @ STA. 264+84.0 AND 266+09.0. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.	
	265+14.0	266+21.5	LT		79		25	2	103.5		50											INSTALL ANCHORS @ STA. 265+21.5 AND 266+21.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.	
	288+30.0	290+67.5	LT	241.5				2	227		50				6							INSTALL ANCHORS @ STA. 288+30.0 AND 290+67.5. REPAIR SLOPE EROSION AT 288+77 & 289+24. SEE DETAIL ON SHEET 4.	
	288+42.5	290+08.0	RT	166.5				2	165.5		50											INSTALL ANCHORS @ STA. 288+42.5 AND 290+05.0	
	291+98.0	302+76.0	LT		1094			2	1078		50											INSTALL ANCHORS @ STA. 292+00.0 AND 302+75.0. REFER TO REDUCED POST SPACING DETAIL ON SHEET 18.	
	326+86.0	330+52.0	LT		366.5			2	366		50				17							INSTALL ANCHORS @ STA. 326+88.5 AND 330+51.0. INSTALL PERPENDICULAR BIT. GUTTER STA. 328+90. REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 327+40, 327+72, 327+80 & 327+92 - 328+10. REFER TO DETAIL ON SHEET 4.	
	327+05.0	330+84.0	RT		379			2	376		50				3							INSTALL ANCHORS @ STA. 327+05.0 AND 330+80.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STA. 327+05.0 TO 330+80.0. REPAIR SLOPE EROSION AT 329+19. REFER TO DETAIL ON SHEET 4.	
	337+92.5	339+08.0	LT		116.5			2	115.5		50											INSTALL ANCHORS @ STA. 337+92.5 AND 339+05.0	
	337+94.0	339+46.0	RT		154			2	152		50											INSTALL ANCHORS @ STA. 337+95.0 AND 339+45.0	
	343+46.5	346+47.0	LT	304				2	299.5		50											INSTALL ANCHORS @ STA. 343+47.0 AND 346+47.0	
	351+78.0	353+67.5	LT		191.5			2	189.5		50											INSTALL ANCHORS @ STA. 351+80.0 AND 353+67.5	
SHEET 9 SUBTOTALS:			9946.5	545.5	-	-	46	10436.5	54.1	1150	6281	2055	22	5	280	-	-	-	-	-			
SHEET 11 SUBTOTALS:			2123.5	4086	130	100	36	6332.5	26.9	900	6.5	-	-	-	43	-	17.5	2122	-	17.5			
SHEET 13 SUBTOTALS:			741	2484.5	-	50	24	3220	37.7	600	67	-	-	-	26	21	105.5	-	21	126.5			
SUBTOTALS			12811	7116	130	150	106	19989	118.7	2650	6354.5	2055	22	5	349	21	123	2122	21	144			
ROUNDING			89	84	20	-	-	11	11.3	-	45.5	15	-	-	6	1	7	28	4	6			
TOTALS			12900	7200	150	150	106	20000	130	2650	6400	2070	22	5	355	22	130	2150	25	150			

ITEM DETAIL SUMMARY SHEET #5	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
CHECKED BY: STANTEC	SHEET 13 OF 119
IPARM FILE: p10b266ids05.i	

ITEM DETAIL SUMMARY SHEET 6

LOCATION			MISCELLANEOUS										REMARKS											
BEGIN MILE STA.	END MILE STA.	POS.	616.47 BIT. CONC. GUTTERS & TRAFF. ISL. TON	617.10 RELOCATE MAILBOX, SINGLE SUPP. EA	617.12 RELOCATE MAILBOX, MULTIPLE SUPP. EA	618.10 PORT. CEM. CONC. SIDEWALK, 5 INCH SY	618.30 DET. WARNING SURFACE SF	649.31 GEOTEXTILE UNDER STONE FILL SY	653.20 TEMPORARY EROSION MATTING SY	676.10 DELINEATOR WITH STEEL POST EA	676.12 REMOVAL OF EXIST. DELINEATOR EA													
VT ROUTE 116 HINESBURG																								
239+34		LT							6															INSTALL NEW VERTICAL GRANITE CURB FOR DI REHAB
239+98		RT				6	10																	CONSTRUCT SIDEWALK RAMP, TYPE 1
240+16		RT				3	8																	CONSTRUCT SIDEWALK RAMP, TYPE 1
240+33		LT				9	8																	CONSTRUCT SIDEWALK RAMP, TYPE 1
241+25		LT				14	10																	CONSTRUCT SIDEWALK RAMP, TYPE 6
250+94.7	251+07.2	LT							25	2	2													INSTALL ANCHOR @ STA. 250+94.7
251+25.0	251+37.5	RT							25	2	2													INSTALL ANCHOR @ STA. 251+25.0
260+27		LT				4	8																	CONSTRUCT SIDEWALK RAMP, TYPE 2
260+39	260+53	RT							8															REMOVE & INSTALL CONCRETE CURB DURING WIDENING OF COMMERCE STREET SEE NEW CURB AND WIDENING DETAIL ON SHEET 18
260+97	261+27	RT							4															REMOVE & INSTALL CONCRETE CURB DURING WIDENING OF COMMERCE STREET SEE NEW CURB AND WIDENING DETAIL ON SHEET 18
260+98		RT				5	8																	CONSTRUCT SIDEWALK RAMP, TYPE 2
264+82.5	266+09.0	RT							50	2	2													INSTALL ANCHORS @ STA. 264+84.0 AND 266+09.0. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
265+14.0	266+21.5	LT							50	2	2													INSTALL ANCHORS @ STA. 265+21.5 AND 266+21.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET 18.
288+30.0	290+67.5	LT						24	64	2	2													INSTALL ANCHORS @ STA. 288+30.0 AND 290+67.5. REPAIR SLOPE EROSION AT 288+77 & 289+24. SEE DETAIL ON SHEET 4.
288+42.5	290+08.0	RT							50	2	2													INSTALL ANCHORS @ STA. 288+42.5 AND 290+05.0
291+98.0	302+76.0	LT							50	2	2													INSTALL ANCHORS @ STA. 292+00.0 AND 302+75.0. REFER TO REDUCED POST SPACING DETAIL ON SHEET 18.
326+86.0	330+52.0	LT	0.3						65	91	2	2												INSTALL ANCHORS @ STA. 326+88.5 AND 330+51.0. INSTALL PERPENDICULAR BIT. GUTTER STA. 328+90. REFER TO DETAIL ON SHEET 18. REPAIR SLOPE EROSION AT 327+40, 327+72, 327+80 & 327+92 - 328+10. REFER TO DETAIL ON SHEET 4.
327+05.0	330+84.0	RT						12	57	2	2													INSTALL ANCHORS @ STA. 327+05.0 AND 330+80.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STA. 328+55.0 TO 328+92.5. REPAIR SLOPE EROSION AT 329+19. REFER TO DETAIL ON SHEET 4.
337+92.5	339+08.0	LT							50	2	2													INSTALL ANCHORS @ STA. 337+92.5 AND 339+05.0
337+94.0	339+46.0	RT							50	2	2													INSTALL ANCHORS @ STA. 337+95.0 AND 339+45.0
343+46.5	346+46.0	LT							50	2	2													INSTALL ANCHORS @ STA. 343+47.0 AND 346+47.0
351+78.0	353+67.5	LT							50	2	2													INSTALL ANCHORS @ STA. 351+80.0 AND 353+67.5
SHEET 10 SUBTOTALS:			4.4	16	6	-	-	1200	5239	46	41													
SHEET 12 SUBTOTALS:			3.9	-	-	21	44	169	2643	36	36													
SHEET 14 SUBTOTALS:			0.3	-	-	41	52	101	680	26	26													
SUBTOTALS			8.6	16	6	62	96	1470	8562	108	103													
ROUNDING			1.4	-	-	3	4	30	38	2	2													
TOTALS			10	16	6	65	100	1500	8600	110	105													

ITEM DETAIL SUMMARY SHEET #6	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
CHECKED BY: STANTEC	SHEET 14 OF 119
IPARM FILE: p10b266ids06.i	

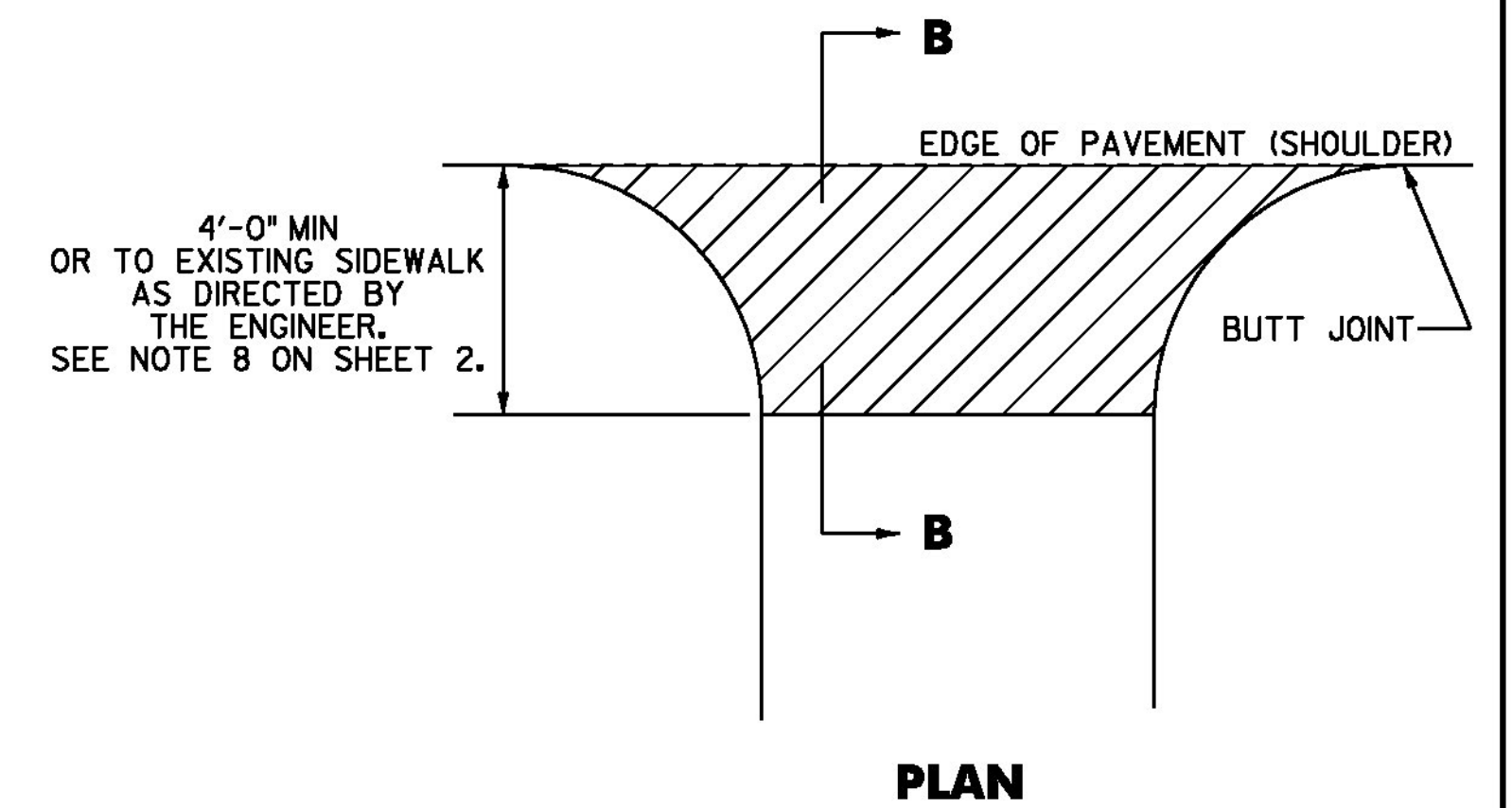
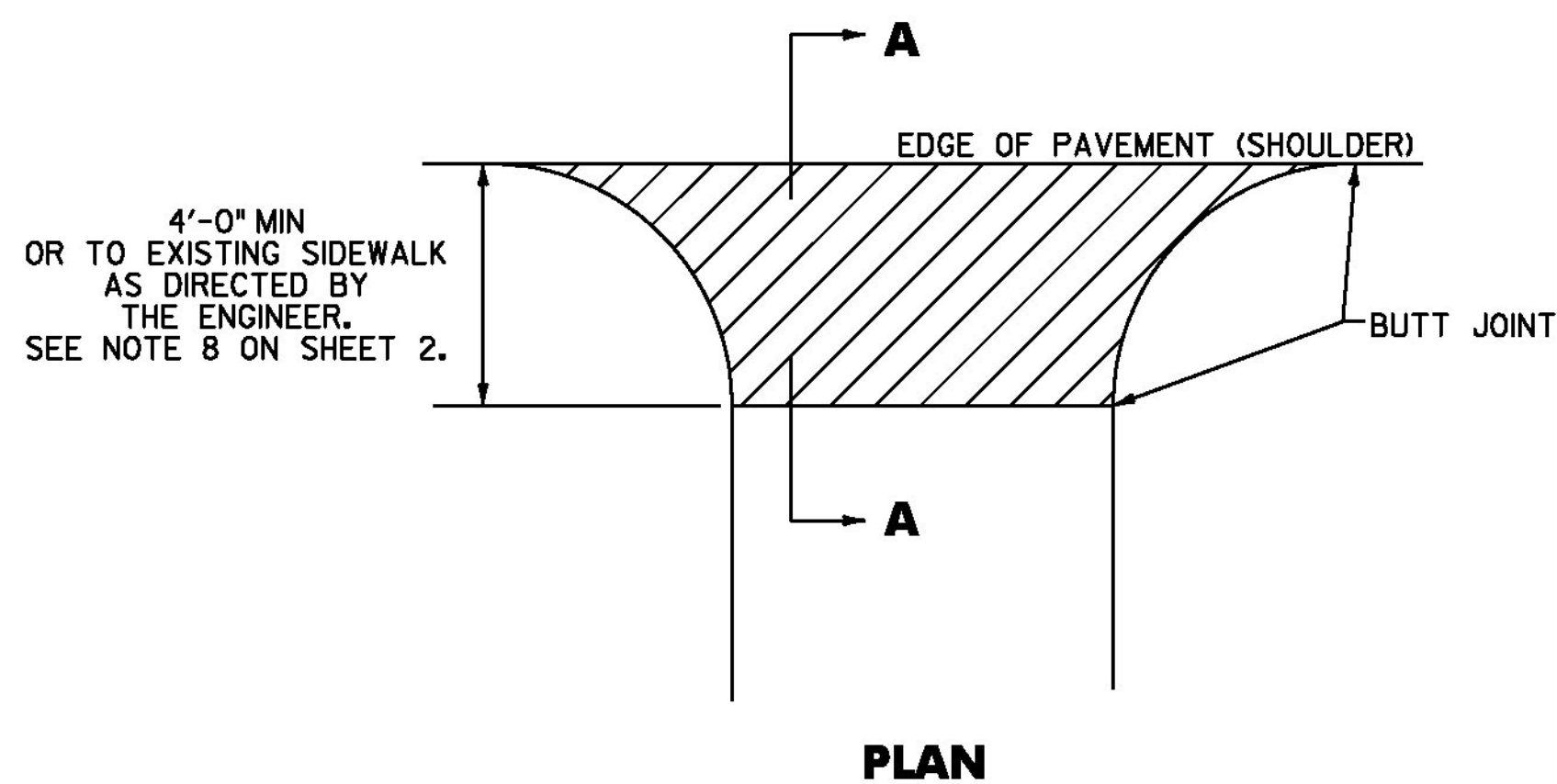
STATION	POSITION	QUANTITY (SY)
STARKSBORO		
87+95	RT	30
92+97	LT	9
95+84	LT	10
99+65	RT	19
99+66	LT	4
108+71	LT	6
110+07	LT	9
111+66	RT	10
112+63	LT	12
113+42	LT	10
119+48	LT	25
119+64	RT	23
121+61	LT	17
123+92	LT	8
125+69	RT	10
125+82	LT	13
128+78	RT	12
133+15	RT	21
136+79	RT	10
138+20	LT	10
138+50	LT	7
138+63	RT	9
142+78	LT	24
142+87	RT	3
143+43	LT	19
144+77	RT	9
146+69	RT	8
146+74	LT	10
147+29	RT	11
148+05	LT	24
148+15	RT	8
148+83	LT	8
149+86	RT	14
149+91	LT	22
151+03	LT	7
151+21	RT	25
151+52	LT	12
152+60	LT	17
153+53	RT	24
153+88	LT	7
154+83	LT	11
154+87	RT	10
155+23	LT	17
156+05	LT	47
157+00	LT	9
157+32	RT	10
157+75	RT	6
157+90	LT	18
158+56	LT	17
158+58	RT	8
159+66	RT	11
160+09	LT	10
160+12	RT	15
160+86	LT	15
161+28	RT	15
162+11	LT	13
163+40	RT	12
164+35	LT	8
SUBTOTAL		788

STATION	POSITION	QUANTITY (SY)
STARKSBORO		
167+89	RT	20
170+67	RT	9
171+96	LT	49
174+49	LT	10
177+33	LT	15
178+01	RT	13
182+21	LT	5
182+74	RT	8
184+68	RT	9
186+52	LT	5
187+37	RT	8
201+05	RT	19
204+96	RT	34
214+92	RT	3
216+74	RT	21
217+77	RT	17
229+39	RT	3
233+21	RT	9
234+69	RT	8
236+47	RT	11
244+69	RT	3
246+00	RT	8
246+30	RT	7
247+98	RT	3
250+23	LT	12
251+05	LT	12
255+30	LT	13
256+42	LT	13
261+74	LT	3
269+06	LT	8
271+26	LT	4
273+04	RT	10
274+00	LT	11
278+58	RT	19
278+71	LT	2
287+08	LT	20
287+08	RT	2
298+59	RT	5
310+41	LT	14
310+55	RT	32
316+61	LT	4
319+85	RT	33
323+46	LT	25
328+85	LT	23
329+42	RT	25
329+86	LT	21
331+01	LT	33
333+11	RT	26
335+71	LT	13
335+71	RT	22
337+20	LT	93
339+98	RT	20
345+30	RT	14
350+33	LT	9
351+82	RT	9
SUBTOTAL		847
TOTAL		1635

STATION	POSITION	QUANTITY (SY)
HINESBURG		
0+19	RT	4
0+32	LT	13
5+96	RT	4
16+32	RT	5
19+88	LT	28
21+23	LT	6
23+38	RT	12
28+66	RT	24
32+50	RT	43
33+33	RT	18
34+48	LT	3
34+54	RT	11
39+90	LT	5
42+67	RT	7
43+21	LT	11
46+49	RT	14
46+99	LT	73
47+52	RT	26
52+02	LT	16
53+28	RT	37
53+67	LT	12
56+87	RT	11
58+23	RT	15
62+50	LT	14
63+58	RT	20
64+81	RT	8
92+42	LT	32
96+18	RT	25
98+15	LT	7
98+67	RT	14
98+75	LT	9
100+25	LT	9
100+93	LT	18
101+12	RT	10
102+27	LT	8
103+15	LT	10
104+63	RT	7
106+82	RT	12
107+62	RT	10
109+58	RT	9
113+07	LT	32
114+25	LT	15
115+40	RT	24
115+97	LT	63
116+90	RT	29
118+06	LT	17
119+77	RT	22
120+77	LT	5
130+46	LT	46
131+06	RT	15
144+74	RT	12
145+45	LT	3
145+52	RT	9
151+96	RT	20
152+02	LT	2
168+75	RT	16
176+80	RT	27
190+19	RT	14
192+73	RT	18
193+89	LT	13
203+91	LT	8
209+52	RT	22
214+81	RT	21
216+33	LT	22
216+93	RT	23
217+81	RT	11
218+58	RT	5
218+76	LT	14
219+28	RT	7
219+64	RT	11
220+07	LT	9
221+23	LT	17
221+23	RT	21
222+52	LT	15
222+85	RT	18
223+53	RT	7
224+41	LT	42
225+47	RT	25
226+04	RT	20
SUBTOTAL		1340

STATION	POSITION	QUANTITY (SY)
HINESBURG		
227+11	RT	29
228+17	LT	49
228+34	RT	8
229+20	LT	19
229+33	RT	24
232+29	RT	18
232+56	LT	20
233+38	LT	9
233+67	LT	11
233+70	RT	13
234+80	RT	46
235+24	LT	17
236+07	RT	10
236+19	LT	57
236+46	RT	18
237+24	LT	16
237+48	RT	20
238+39	LT	7
238+66	LT	9
238+84	RT	15
240+72	RT	500
242+14	LT	15
243+19	RT	35
243+31	LT	7
243+88	RT	15
244+38	RT	3
244+43	LT	15
245+03	RT	3
245+40	RT	1
245+75	RT	1
245+97	LT	12
246+82	RT	16
247+42	LT	33
247+89	RT	7
248+19	RT	9
250+76	LT	36
251+10	RT	17
251+75	LT	26
251+88	RT	14
253+70	RT	15
254+56	RT	16
255+04	LT	194
255+72	RT	36
258+90	LT	13
269+71	RT	4
272+25	RT	31
274+56	LT	13
275+38	LT	12
276+10	RT	47
277+50	RT	7
287+18	RT	7
291+03	RT	12
303+15	LT	12
304+71	LT	42
310+56	RT	14
310+63	LT	12
311+48	LT	12
311+78	RT	15
312+16	LT	23
312+41	RT	21
313+69	RT	10
313+81	LT	18
317+01	LT	18
318+12	RT	8
318+71	LT	42
320+10	RT	11
322+07	RT	11
325+85	RT	10
332+38	LT	20
332+60	RT	20
336+15	RT	36
336+26	LT	11
337+42	LT	17
340+46	LT	8
340+48	RT	8
342+45	LT	7
343+08	RT	10
343+31	LT	15
347+13	RT	14
SUBTOTAL		2032

STATION	POSITION	QUANTITY (SY)
HINESBURG		
349+27	LT	12
350+24	RT	10
352+36	RT	4
354+16	LT	10
354+86	LT	21
356+24	RT	21
360+33	RT	15
365+56	RT	10
366+43	LT	9
367+52	RT	11
370+66	LT	17
372+66	RT	14
374+48	LT	10
378+72	RT	10
380+23	LT	19
SUBTOTAL		193
COLUMN 1		788
COLUMN 2		847
COLUMN 3		1340
COLUMN 4		2032
COLUMN 5		193
SUBTOTAL		5200
ROUNDING		100
TOTAL		5300



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".
- ALL DRIVES SHALL RECEIVE A PAVED APRON TO THE SIDEWALK AS DIRECTED BY THE ENGINEER.
- THE COST OF PROVIDING AND PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, APPLYING EMULSION, AND FILLING JOINTS, CRACKS AND HOLES WILL NOT BE PAID DIRECTLY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
- EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

LEGEND

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

NOT TO SCALE

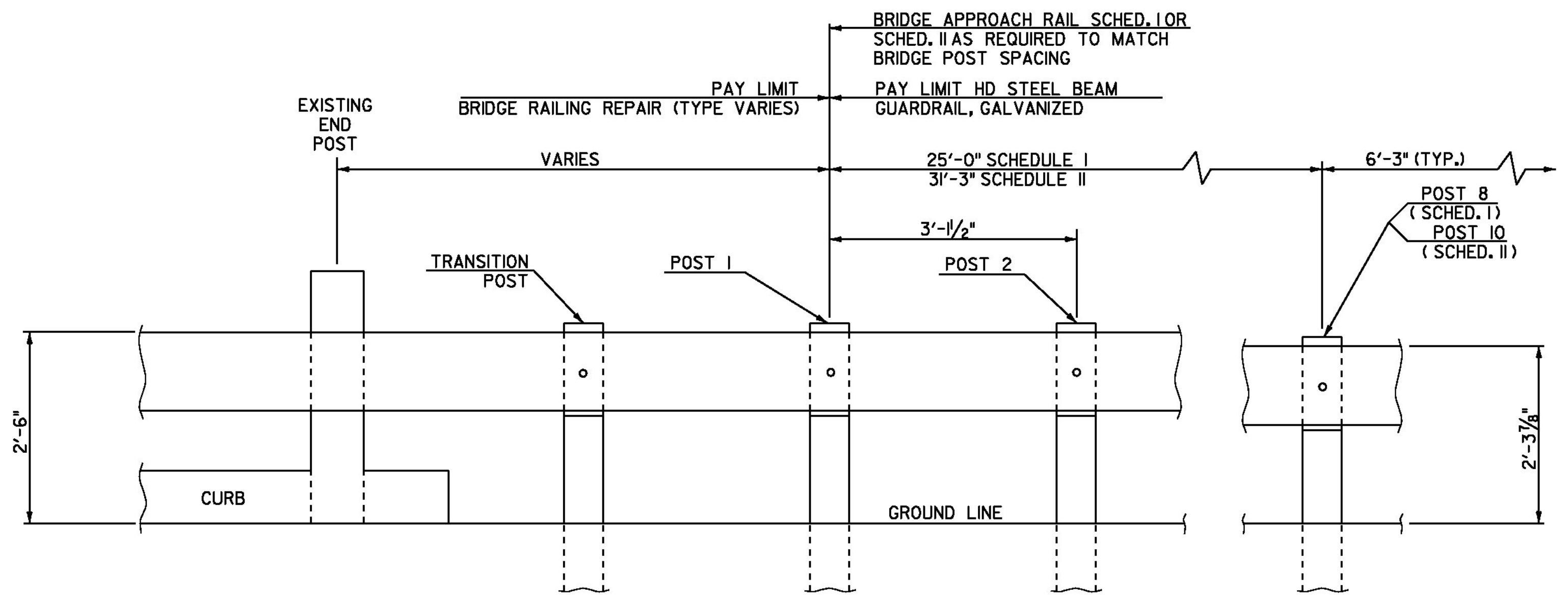
**DRIVE
DETAIL
SHEET**



PROJECT NAME:	STARKSBORO-HINESBURG
PROJECT NUMBER:	STP 2930(I)
FILE NAME:	p10b266.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	STANTEC
IPARM FILE:	p10b266ds01.i
PLOT DATE:	28-NOV-2012
DRAWN BY:	STANTEC
CHECKED BY:	MCF
SHEET	15 OF 119

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 (LF)	525.55 (LF)	REMARKS
LOCATION: HINESBURG						
36+12.5 - 36+87.5	LT	21	8"	75.0	75.0	SCHEDULE I APPROACH RAILING, EACH END
36+30.0 - 37+05.0	RT	21	8"	75.0	75.0	SCHEDULE I APPROACH RAILING, EACH END
SUBTOTALS				150.0	150.0	
ROUNDING				-	-	
TOTAL				150	150	



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

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

BRIDGE APPROACH RAILING

GENERAL NOTES

1. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
2. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.
3. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
4. SEE VAOT STANDARD SHEET G-1 FOR GUARDRAIL DELINEATOR DETAILS AND PLACEMENT.
5. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
6. 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 A-123.
7. SEE VAOT STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.

NOT TO SCALE

**BRIDGE
DETAIL SHEET**

PROJECT NAME: STARKSBORO-HINESBURG	PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266bds.i	SHEET 16 OF 119

EXISTING CULVERT INVENTORY TABLE

STATION	CULVERT SIZE	CULVERT MATERIAL	COMMENT
VT ROUTE 116			
STARKSBORO			
96+97	72"	CMP	BR 16B
98+21	18"	CMP	
101+90	18"	RCP	
106+68	18"	RCP	
113+85	72"	CMP	BR 16C
116+64	6' X 7'	CONC. BOX	BR 17
122+95	15"	RCP	
138+70	18"	CMP	
154+76	48"	RCP	
160+32	15"	RCP	
163+74	24"	RCP	
167+73	18"	RCP	
170+01	18"	RCP	
173+93	24"	RCP	
187+90	18"	RCP	
193+44	24"	RCP	
199+50	18"	RCP	
221+92	18"	RCP	
230+06	48"	RCP	BR 18
265+63	30"	RCP	
274+12	36"	RCP	
278+33	30"	RCP	
283+10	42"	RCP	
296+12	48"	RCP	BR 19
304+87	42"	CMP	
318+03	36"	RCP	
325+57	48"	RCP	BR 20
329+66	18"	CPEP	
337+11	24"	RCP	
343+19	18"	CPEP (SL)	
350+90	42"	RCP	
HINESBURG			
7+93	42"	RCP	
31+74	12"	CMP	
31+76	18"	CMP	
44+93	18"	RCP	
47+83	32"	CMP	
60+22	24"	RCP	
66+25	36"	CMP	
78+15	72"	CMP	BR 22
96+84	36"	CMP	
134+40	18"	CMP	
144+56	48"	RCP	BR 23
148+24	72"	CMP	BR 24
152+90	18"	CPEP (SL)	
156+04	18"	CPEP (SL)	
167+37	126"	CMP	BR 25
167+54	126"	CMP	BR 25
174+28	48"	CMP	BR 26
179+32	24"	RCP	
187+31	24"	RCP	
197+08	36"	RCP	
206+43	36"	RCP	
231+10	18"	RCP	
265+59	7' X 4'	CONC. BOX	BR 28
284+89	18"	CMP	
288+87	4' X 3'	CONC. BOX	
328+67	42"	CMP	
338+60	24"	CMP	
344+34	24"	CMP	
353+30	36" X 42"	CONC. BOX	
357+47	24"	CMP	
361+99	24"	CMP	

**ADJUST ELEVATION OF VALVE BOX
(NO FEDERAL PARTICIPATION)**

STATION	POSITION	DESCRIPTION
VT ROUTE 116		
STARKSBORO		
163+50	LT	WSO

**ADJUST ELEVATION OF VALVE BOX
(NO FEDERAL/STATE PARTICIPATION)**

STATION	POSITION	DESCRIPTION
VT ROUTE 116		
HINESBURG		
227+25	LT	WSO
234+56	LT	WSO
239+57	LT	WSO
241+43	LT	WSO
241+50	LT	WSO
250+50	RT	WSO
250+66	RT	WSO
260+53	LT	WSO
260+54	RT	WSO
260+56	RT	WSO
260+57	LT	WSO
260+63	LT	WSO

**GAS VALVES
(TO BE ADJUSTED BY OTHERS)**

STATION	POSITION	DESCRIPTION
VT ROUTE 116		
HINESBURG		
250+77	RT	GSO
250+79	RT	GSO
250+79	RT	GSO
250+80	RT	GSO

**ADJUST ELEVATION OF VALVE BOX
(MONITORING WELLS)
(NO FEDERAL/STATE PARTICIPATION)**

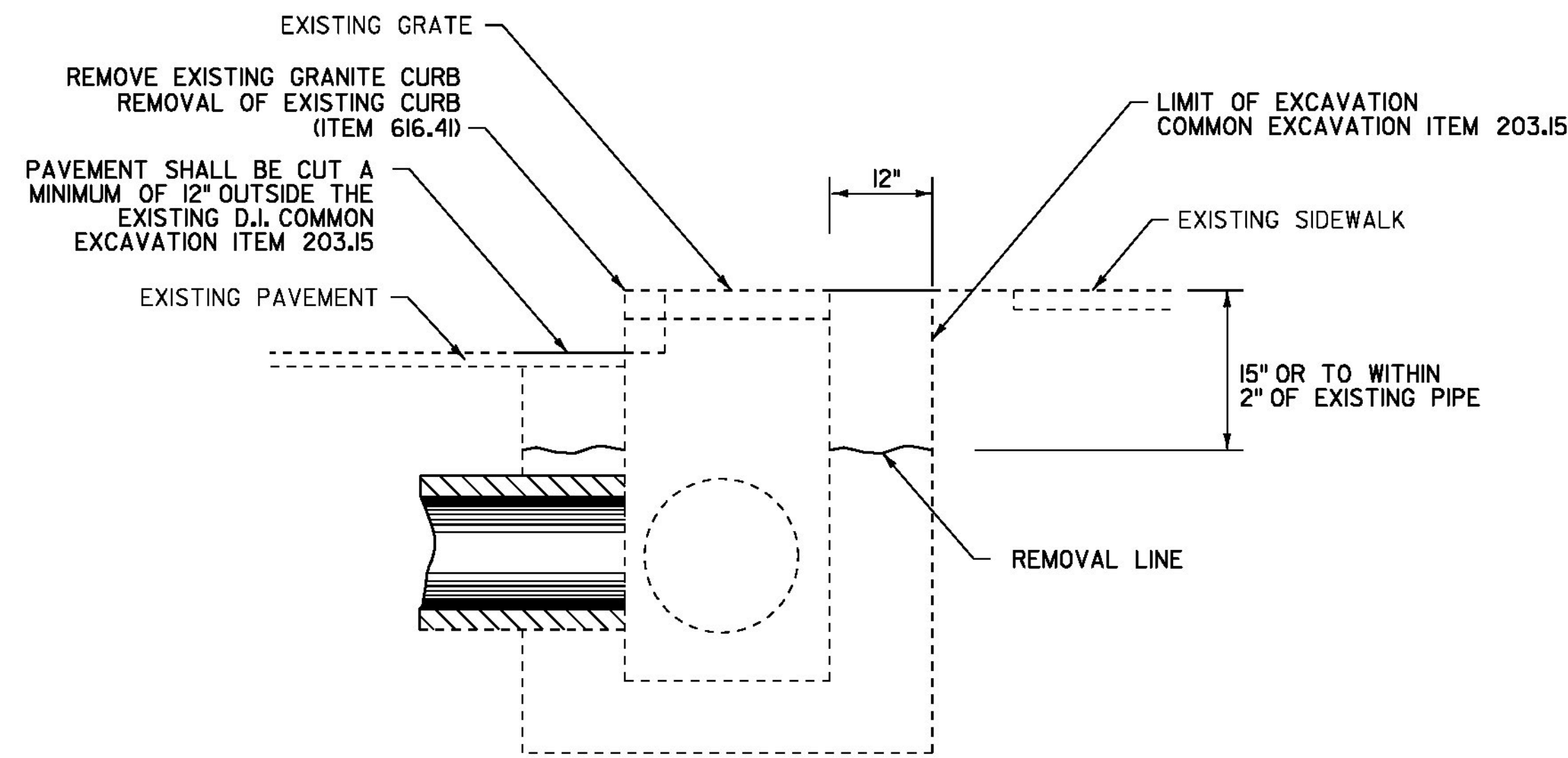
STATION	POSITION	DESCRIPTION
VT ROUTE 116		
HINESBURG		
227+19	LT	MW
239+35	RT	MW
239+54	LT	MW
239+69	LT	MW
239+80	RT	MW
239+97	LT	MW
240+02	RT	MW
240+03	LT	MW
240+15	LT	MW
240+19	LT	MW
240+28	LT	MW
240+41	RT	MW
240+58	LT	MW

NOTES:

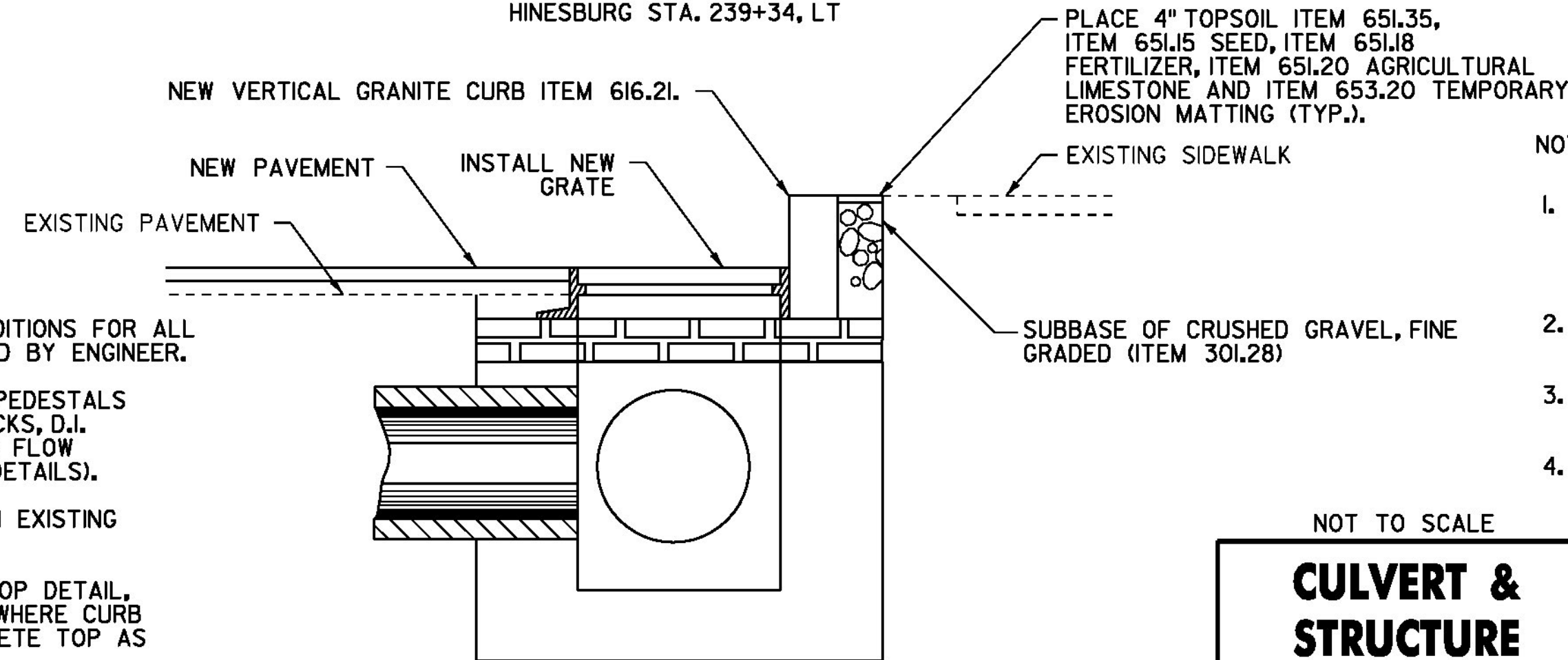
1. THESE DETAILS MAY NOT DEPICT ALL EXISTING CONDITIONS FOR ALL EXISTING D.I.'S. REHABILITATION MAY VARY, AS DIRECTED BY ENGINEER.
2. REMOVE EXISTING GRANITE CURB, DROP INLET TOPS, PEDESTALS AND DROP INLET WALLS TO ACCOMMODATE NEW BRICKS, D.I. COVERS, FRAMES AND GRATES TO MAINTAIN EXISTING FLOW LINES (SEE VAOT STANDARD D-8 FOR EXISTING D.I. DETAILS).
3. REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING FLOW LINE.
4. SEE VAOT STANDARDS D-8 & D-9 FOR CONCRETE TOP DETAIL, AND D-15 AND D-16 FOR GRATE DETAILS. IN AREAS WHERE CURB IS NOT ADJACENT TO THE GRATE, PROVIDE A CONCRETE TOP AS SHOWN ON STANDARD D-6.
5. ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS WILL BE PAID FOR UNDER ITEMS 604.412 OR 604.415.

**REHAB. DI'S, CB'S or MH'S, CLASS I OR II
(ITEM 604.412 OR 604.415)**

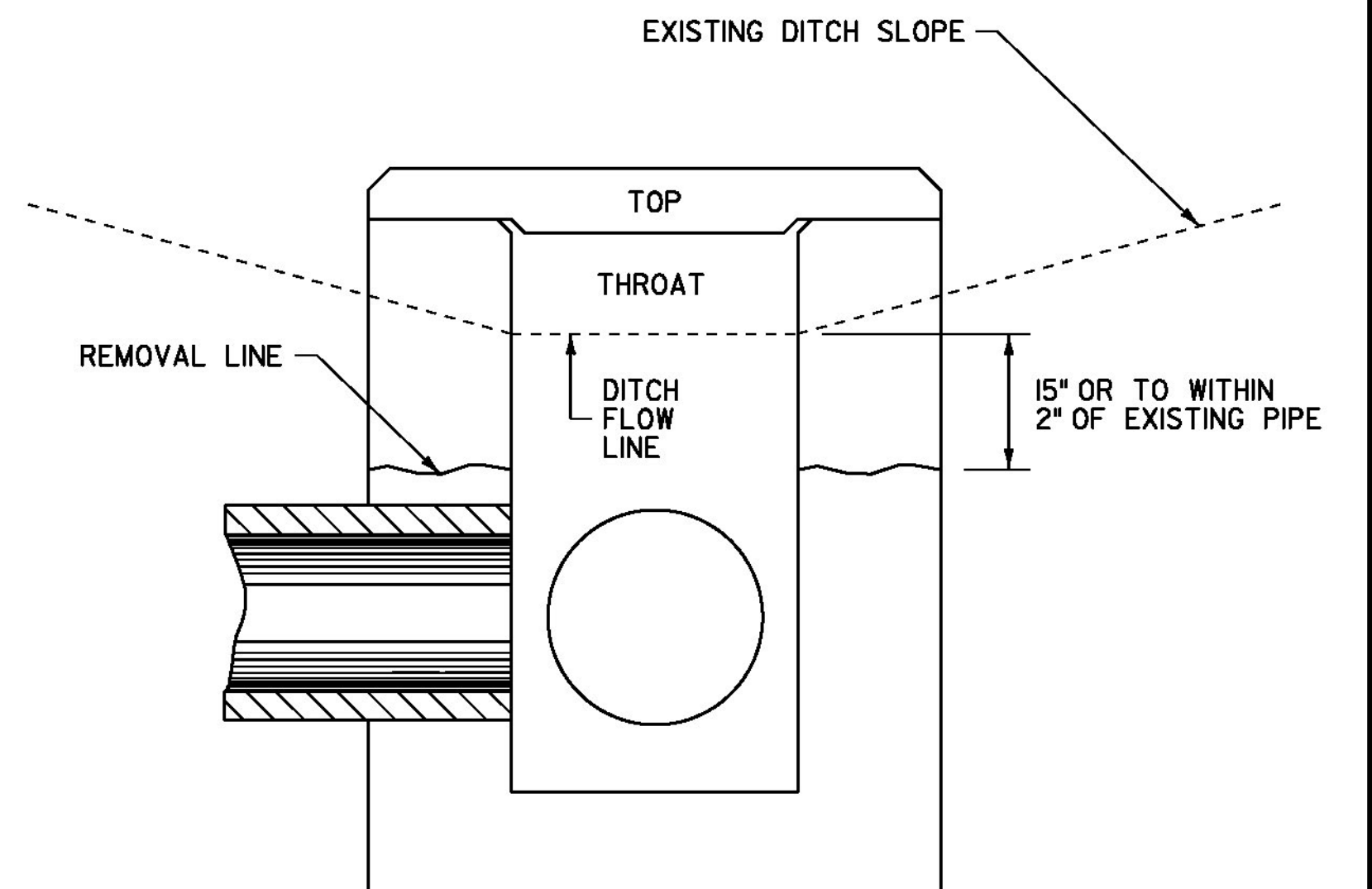
STATION	POSITION	DESCRIPTION
VT ROUTE 116		
STARKSBORO		
142+21	RT	DI
143+63	LT	DI
144+66	RT	DI
146+56	LT	DI
146+56	RT	DI
148+75	RT	DI
150+88	RT	DI
153+04	RT	DI
155+48	RT	DI
157+68	RT	DI
167+82	RT	DI
HINESBURG		
45+19	RT	THROAT DI (SEE DETAIL)
224+24	LT	DI
225+35	LT	DI
227+23	LT	DI
231+14	RT	DI (COVER)
231+98	LT	DI
233+14	LT	DI
233+86	LT	DI
237+41	LT	DI
239+34	LT	DI (SEE DETAIL)
239+76	RT	DI
245+18	LT	DI
245+22	LT	DI
248+31	LT	DI
260+97	RT	DI
311+56	RT	THROAT DI (SEE DETAIL)



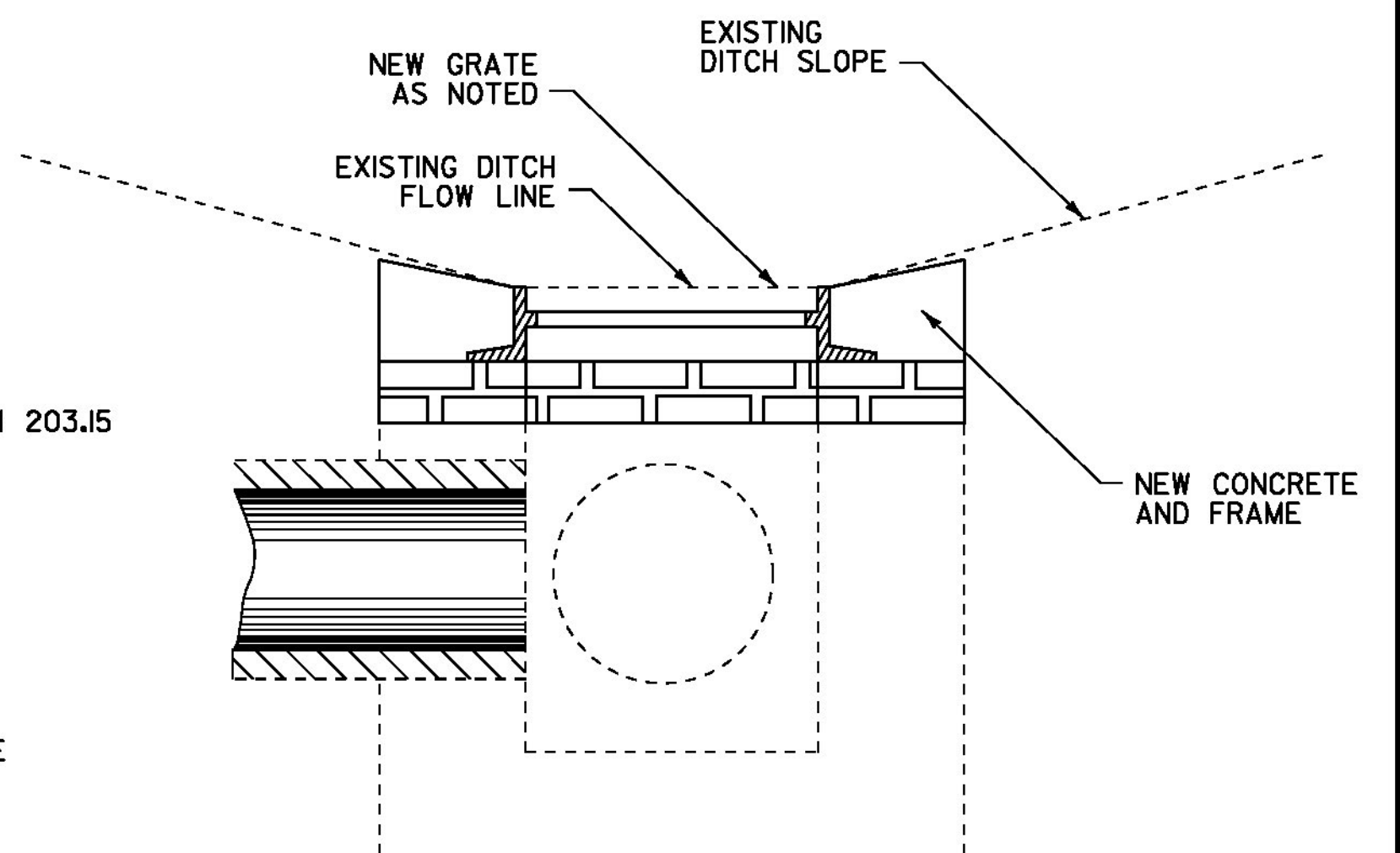
EXISTING D.I. TOP REMOVAL
HINESBURG STA. 239+34, LT



D.I. REHAB
HINESBURG STA. 239+34, LT



THROAT D.I. TOP REMOVAL



NEW D.I. TOP PLACEMENT

THROAT DI REHAB DETAIL

HINESBURG STA. 45+19, RT
HINESBURG STA. 311+56, RT

NOTES:

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

NOT TO SCALE

CULVERT & STRUCTURE INVENTORY SHEET



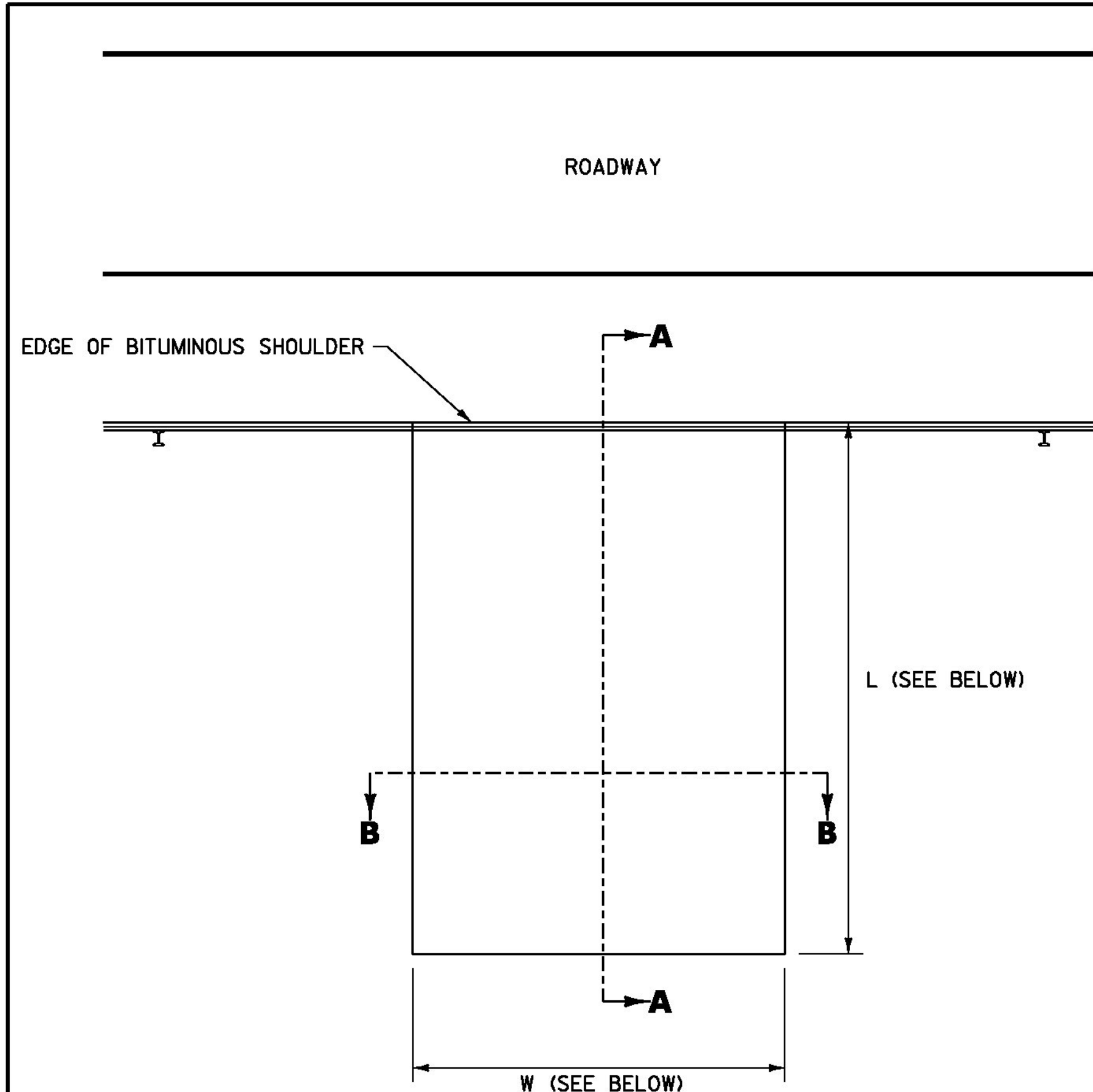
PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266csd.i

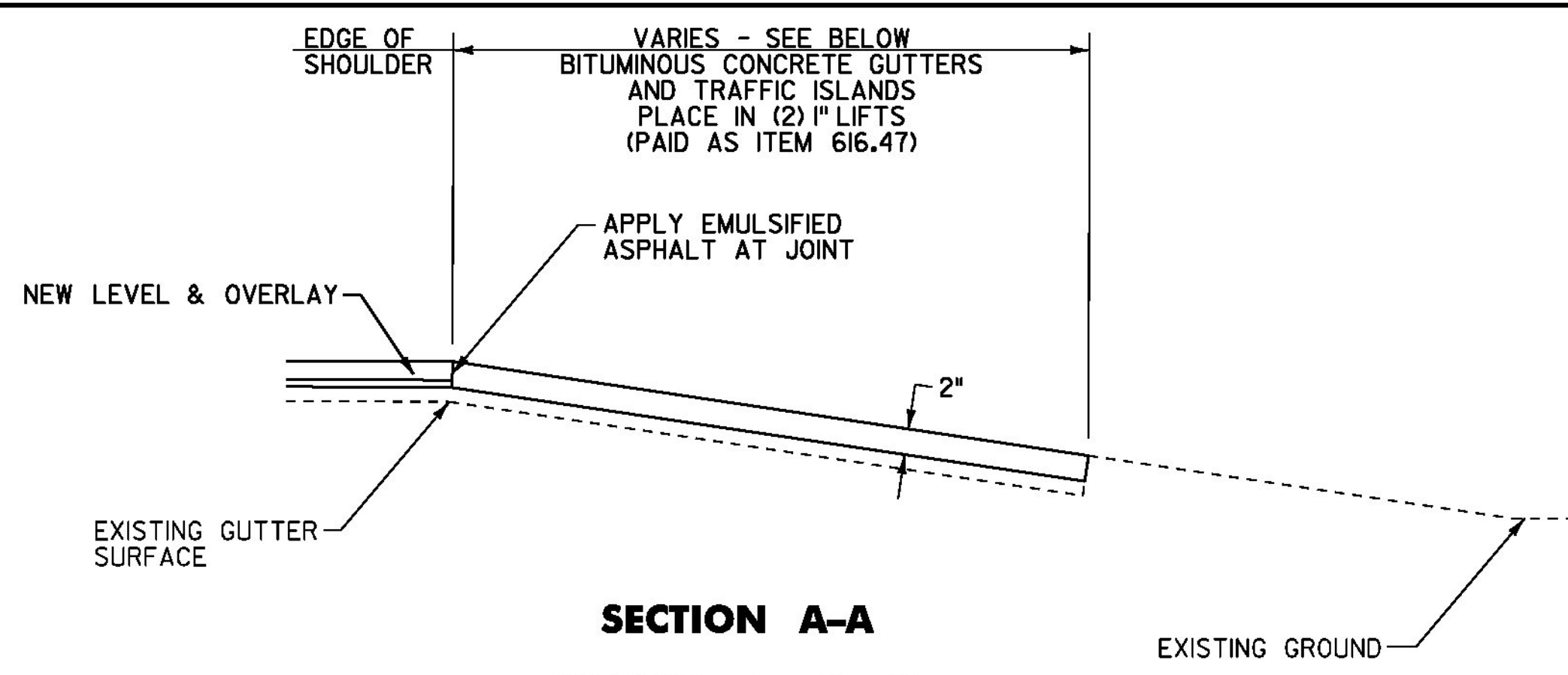
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 17 OF 119

**REHAB. DI'S, CB'S or MH'S, CLASS I
(NO FEDERAL/STATE PARTICIPATION)**

STATION	POSITION	DESCRIPTION
VT ROUTE 116		
HINESBURG		
218+68	RT	SMH (BURIED)
245+71	RT	SMH (BURIED)
246+65	RT	SMH (BURIED)
250+03	RT	SMH (BURIED)
260+88	RT	SMH

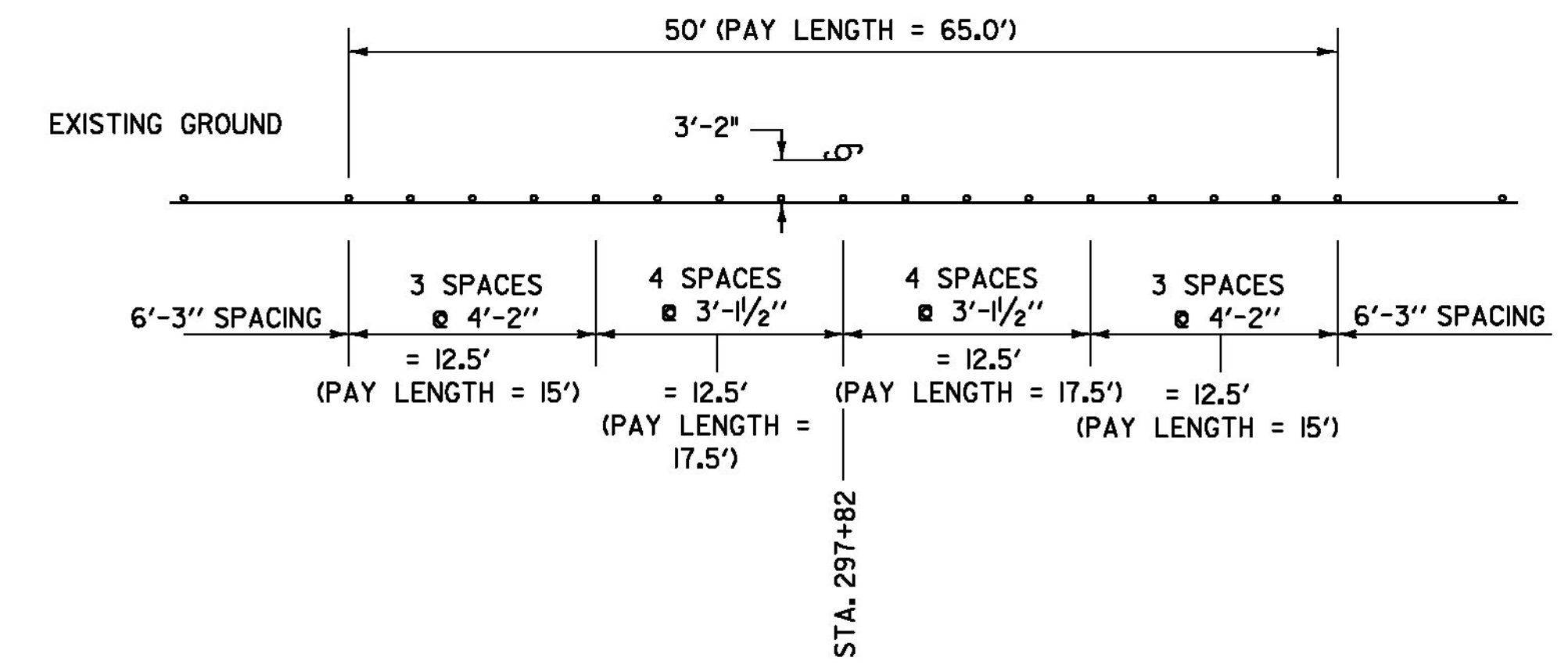


PERPENDICULAR BITUMINOUS GUTTER DETAIL - OVERLAY PLAN VIEW



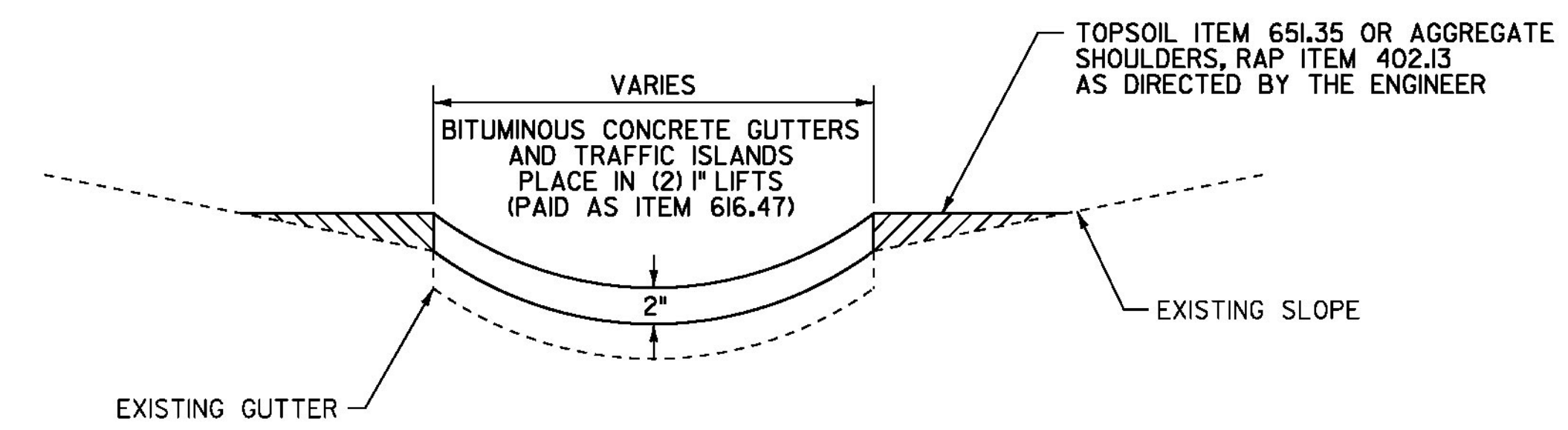
SECTION A-A

- DIMENSIONS = (L x W x D)
FOR ADDITIONAL DETAILS,
SEE VAOT STANDARD D-3
- HINESBURG STA. 65+29, LT. (6.0' x 3'-0" x 2 1/4")
 - HINESBURG STA. 77+03.5, RT. (5.0' x 3'-0" x 2 1/4")
 - HINESBURG STA. 77+15, LT. (10.0' x 5'-0" x 2 1/4")
 - HINESBURG STA. 128+22, LT. (8.0' x 5'-0" x 2 1/4")
 - HINESBURG STA. 135+05, RT. (8.0' x 5'-0" x 2 1/4")
 - HINESBURG STA. 137+37, RT. (5.0' x 5'-0" x 2 1/4")
 - HINESBURG STA. 140+05, RT. (5.0' x 5'-0" x 2 1/4")
 - HINESBURG STA. 148+04, LT. (5.0' x 4'-0" x 2 1/4")
 - HINESBURG STA. 328+90, LT. (5.0' x 4'-0" x 2 1/4")

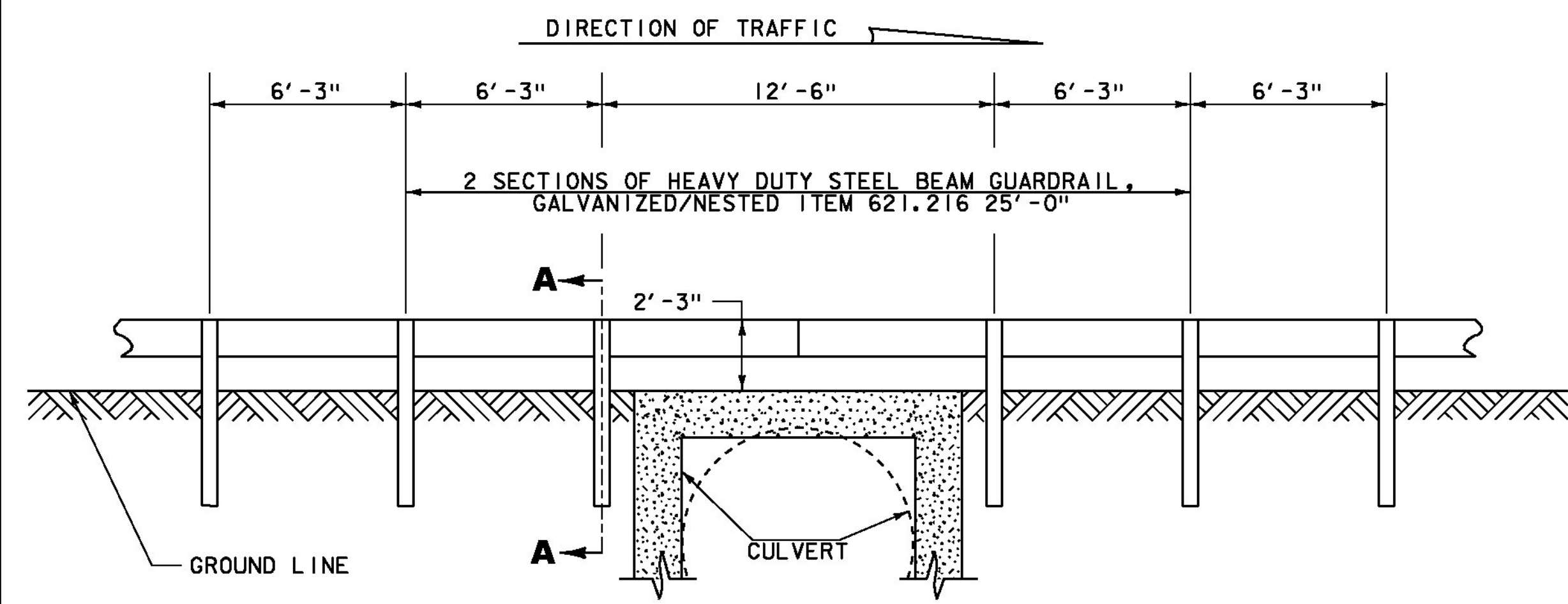


REDUCED GUARDRAIL POST SPACING DETAIL

LOCATION:
HINESBURG STA. 297+82, LT - UTILITY POLE

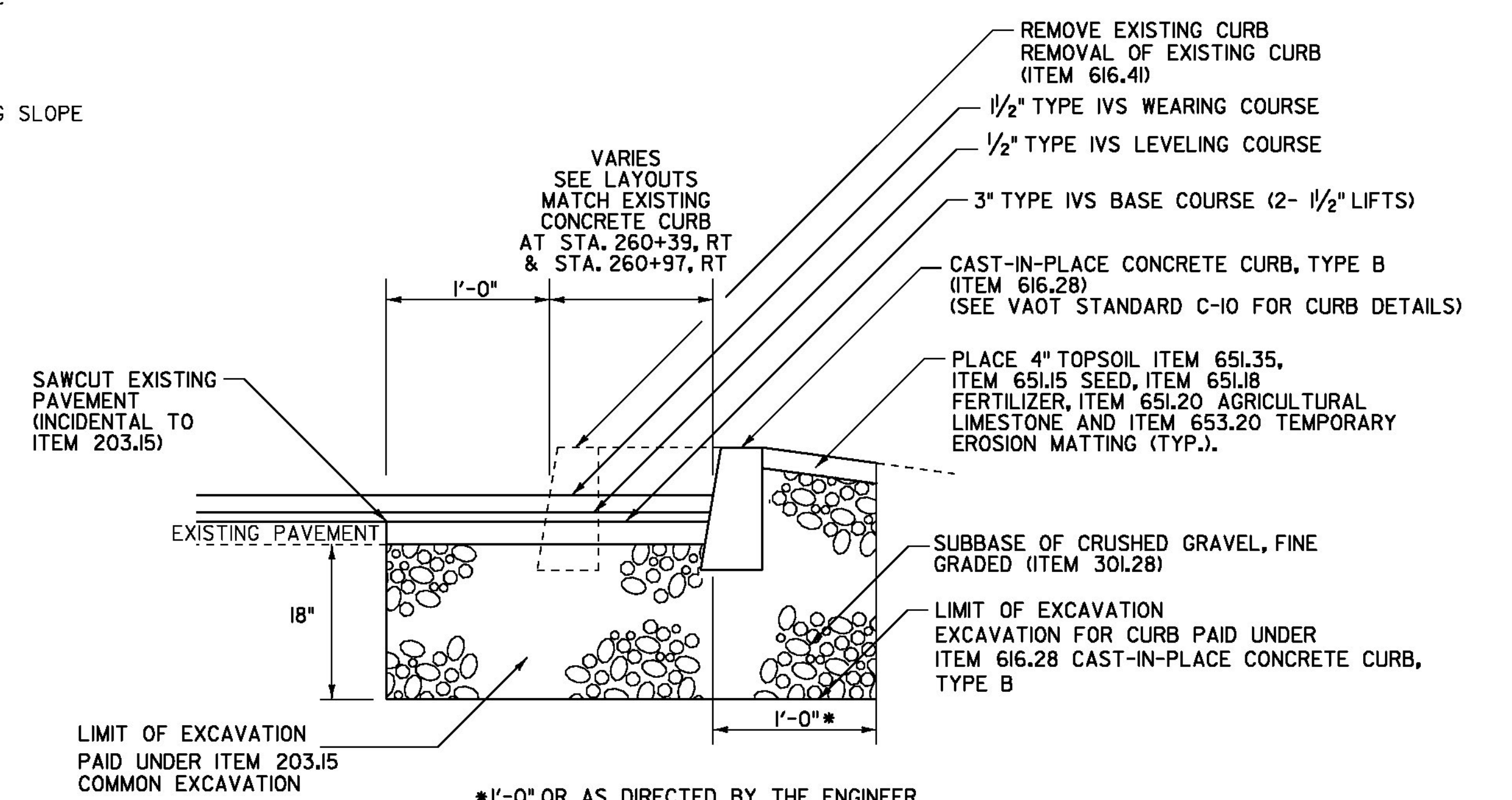


SECTION B-B



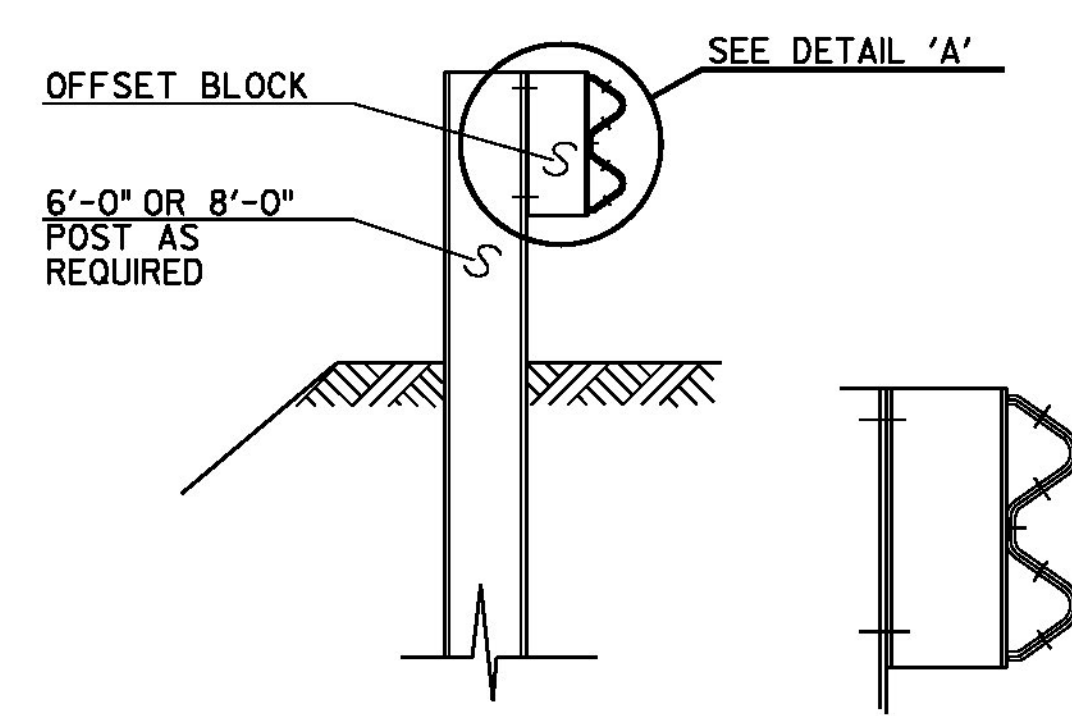
DETAIL OF STEEL BEAM GUARDRAIL AT SMALL CULVERTS

- HINESBURG STA. 167+39, RT (BRIDGE #25) (2 SPANS)
- HINESBURG STA. 167+52, LT (BRIDGE #25) (2 SPANS)
- HINESBURG STA. 265+59, LT & RT (BRIDGE #28)



NEW CURB AND WIDENING DETAIL

NOT TO SCALE
HINESBURG STA. 260+39 TO 260+53, RT. (COMMERCE STREET TH-43)
LENGTH = 69'
HINESBURG STA. 260+97 TO 261+27, RT. (COMMERCE STREET TH-43)
LENGTH = 36.5'



SECTION A-A

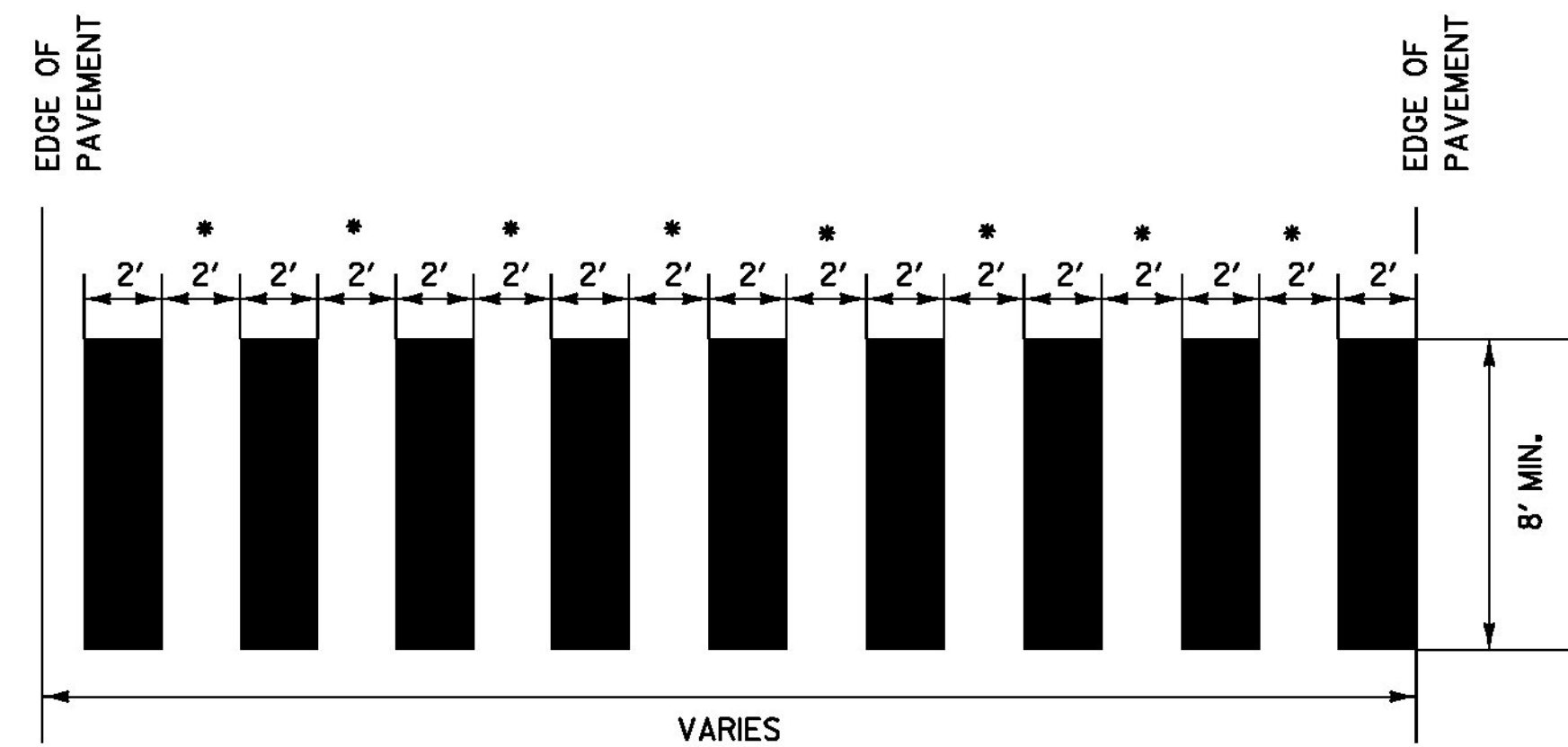
DETAIL A

NOTES

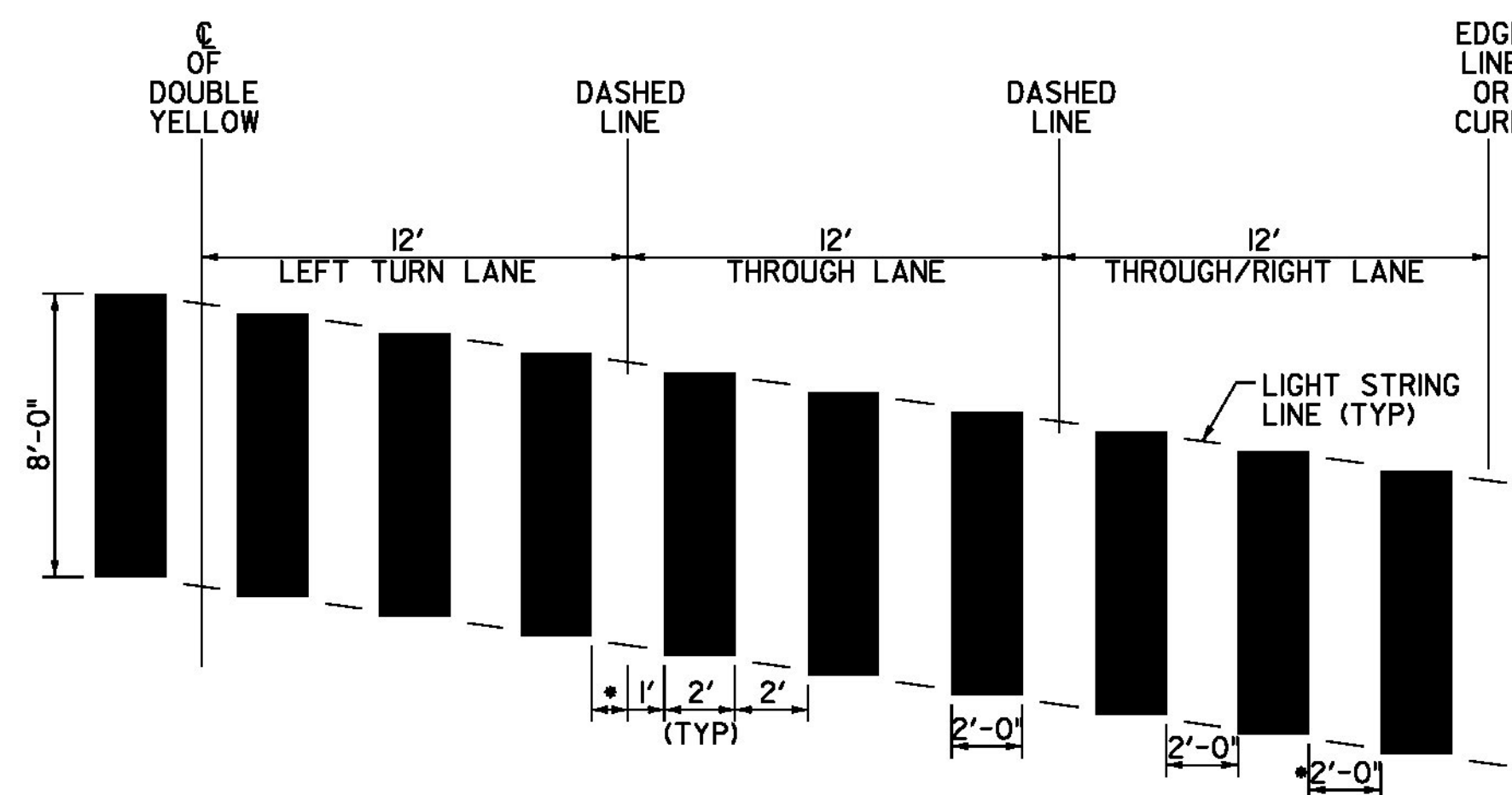
- SEE VAOT STANDARDS G-1 & G-ID FOR STEEL BEAM GUARDRAIL DETAILS.
- THIS WORK SHALL BE PAID UNDER ITEM 621.216 HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED AT A PAY FACTOR OF 1.0.
- THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEETS OR AS DIRECTED BY THE ENGINEER.

MISCELLANEOUS DETAIL SHEET #1	PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
	PROJECT NUMBER: STP 2930(1)	DRAWN BY: STANTEC
	FILE NAME: p10b266.dgn	CHECKED BY: MCF
DESIGNED BY: STANTEC	IPARM FILE: p10b266md01.i	SHEET 18 OF 119

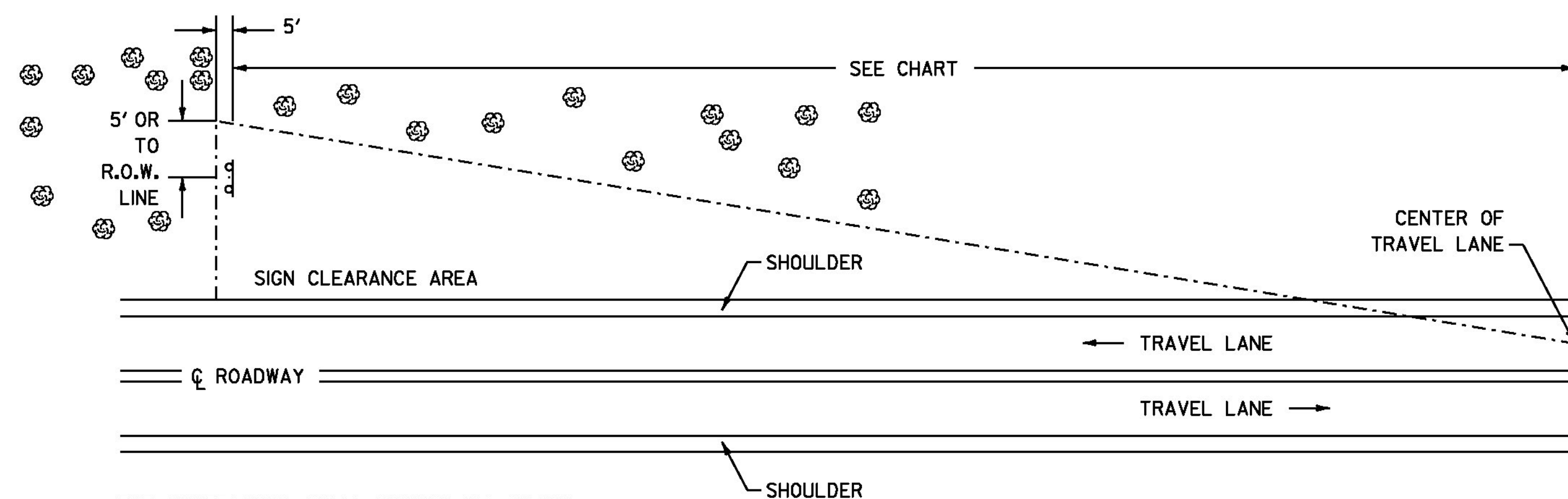




• ADJUST SPACING (12"-24") TO AVOID WHEEL PATHS
BLOCK PATTERN CROSSWALK DETAIL
 SEE LAYOUT SHEETS FOR LOCATIONS.
 ALL BLOCK PATTERN CROSS WALKS SHALL BE
 INSTALLED PARALLEL WITH WHEEL PATHS.



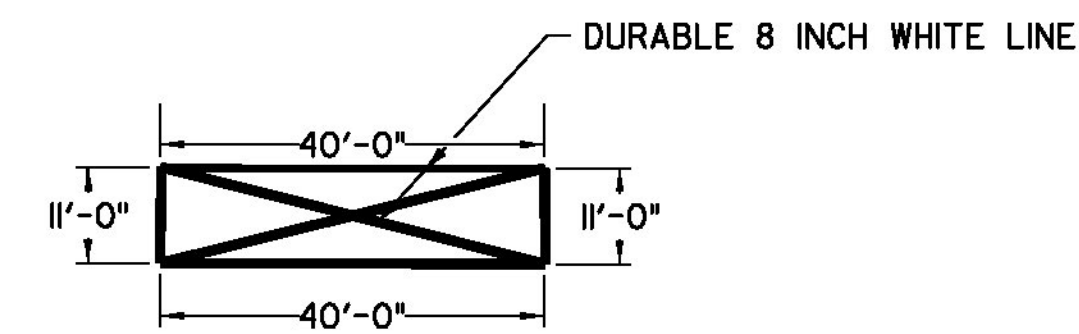
SKewed CROSSWALK PATTERN DETAIL
 • MAY VARY WITH 11' OR 12' LANE



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

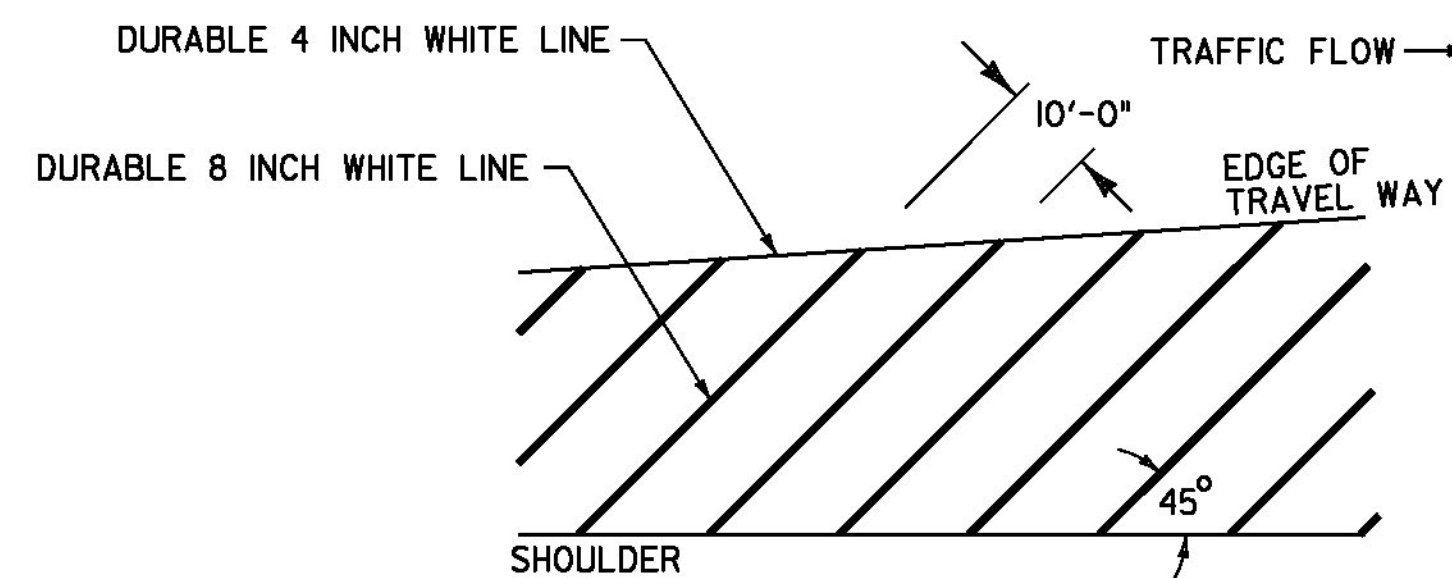
CLEARING LIMITS FOR SIGNS ON CONVENTIONAL ROADS

SIGN LOCATIONS:
 HINESBURG STA. 118+50, RT



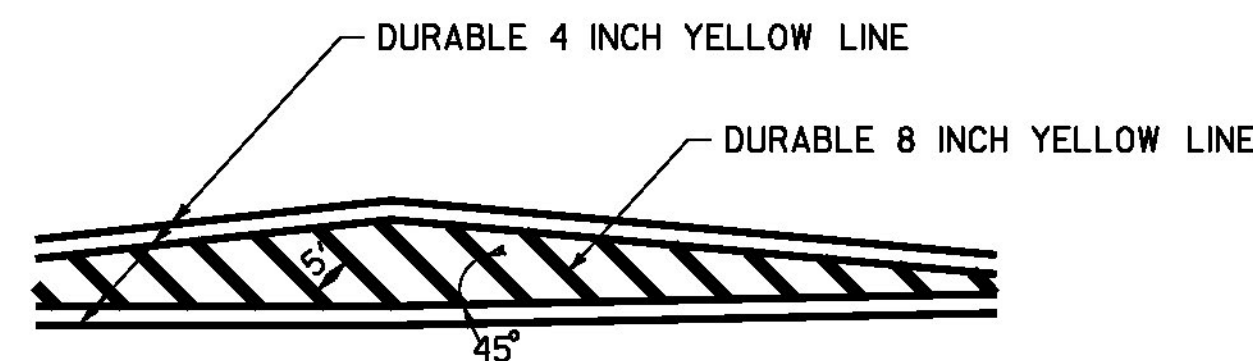
DO NOT BLOCK DRIVE DETAIL #1

HINESBURG STA. 238+65 TO 239+05, RT



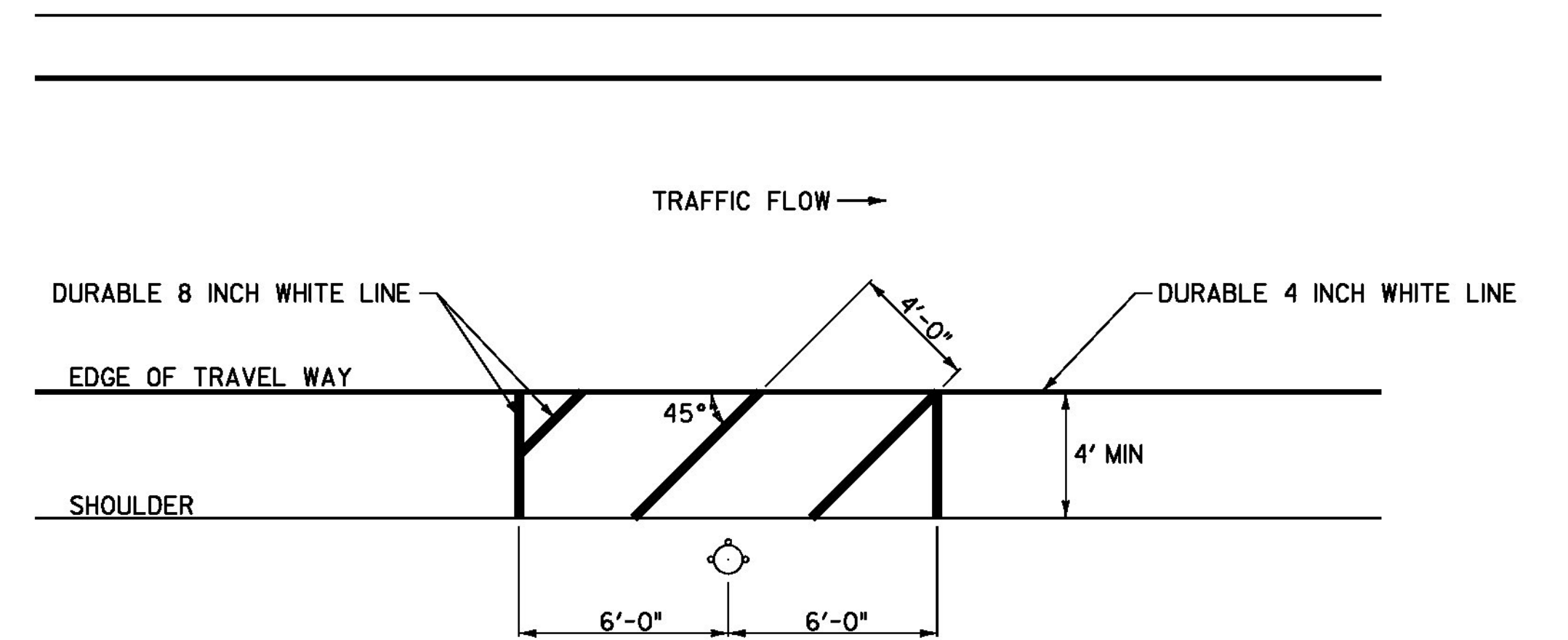
DO NOT BLOCK DRIVE DETAIL #2

HINESBURG STA. 46+30 TO 47+96, RT.



GORE MARKING DETAIL

SEE LAYOUT SHEETS FOR LOCATIONS

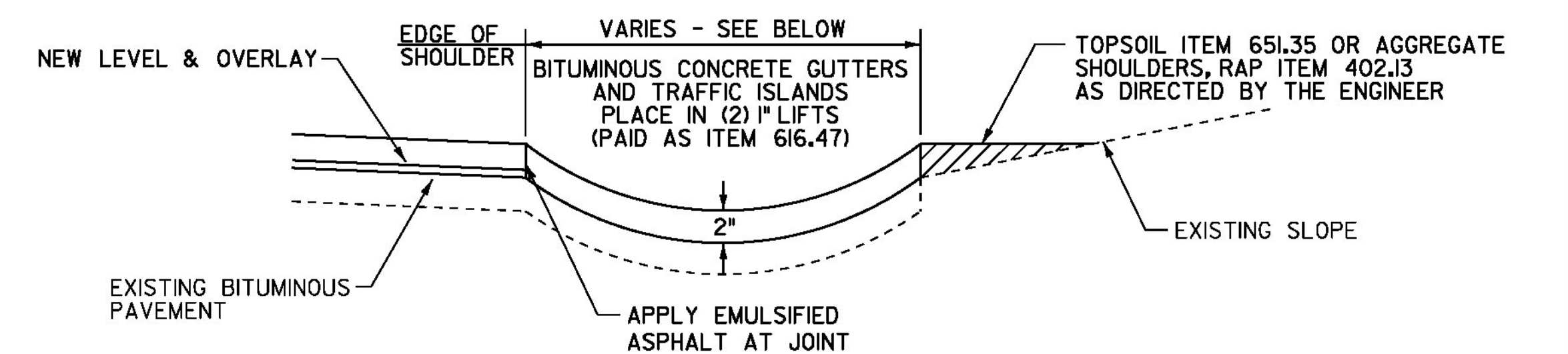


FIRE HYDRANT PAVEMENT MARKING DETAIL

HINESBURG STA. 234+56, LT

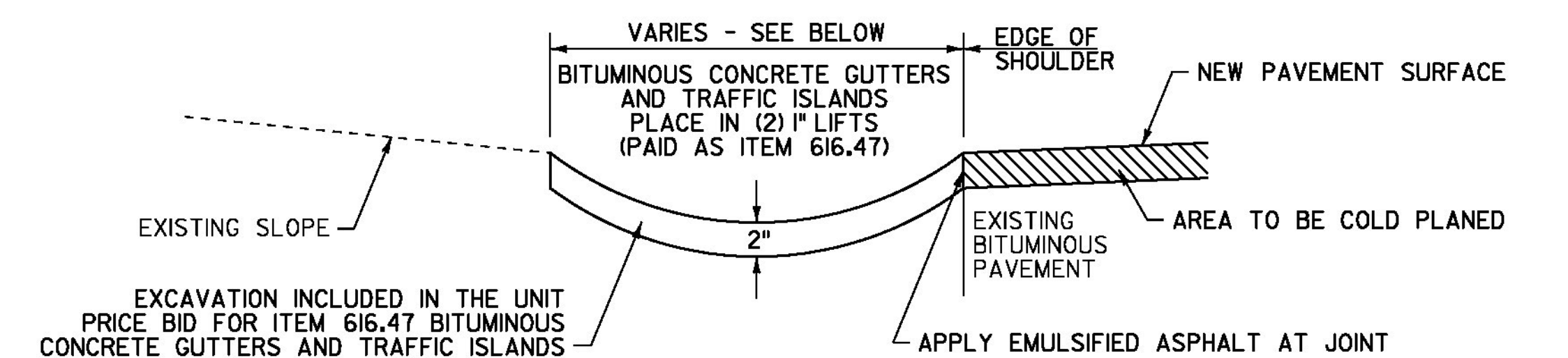
NOTE:

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



BITUMINOUS CONCRETE GUTTER DETAIL - OVERLAY

STARBSBORO STA. 123+12 TO 123+85, LT (4' WIDE)



BITUMINOUS CONCRETE GUTTER DETAIL - COLD PLANE

STARBSBORO STA. 143+57 TO 143+68, LT (5' WIDE)

NOTE: ALL DURABLE MARKINGS DETAILED ON THIS SHEET ARE OPTION BID ITEMS.

NOT TO SCALE

MISCELLANEOUS DETAIL SHEET #2

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266md02.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 19 OF 119



**BEGIN STP 2930(1) VT ROUTE 116
STARKSBORO STA. 87+12.00 = MM 1.650**

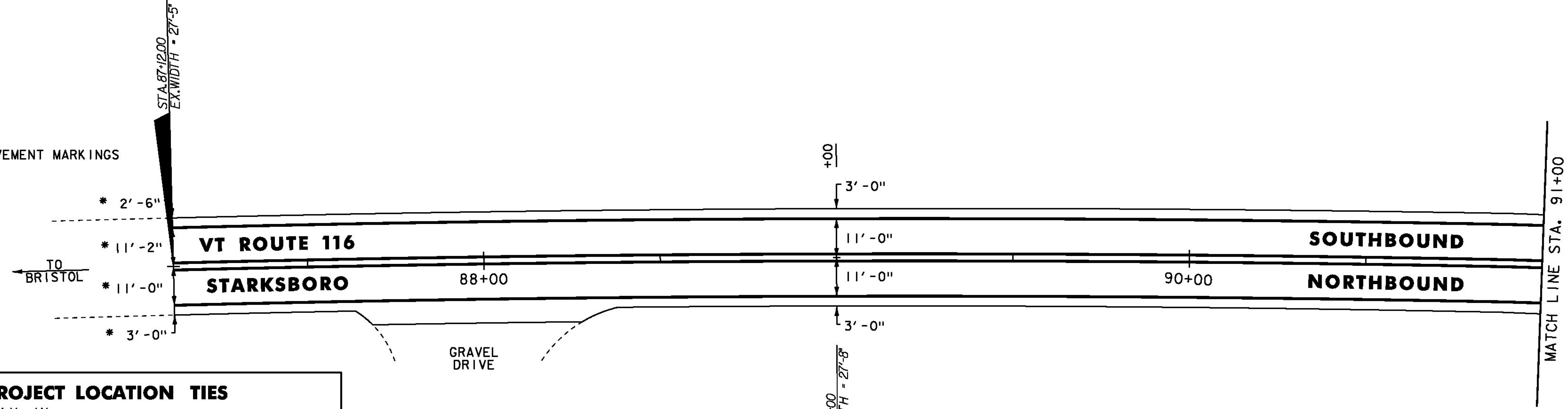
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

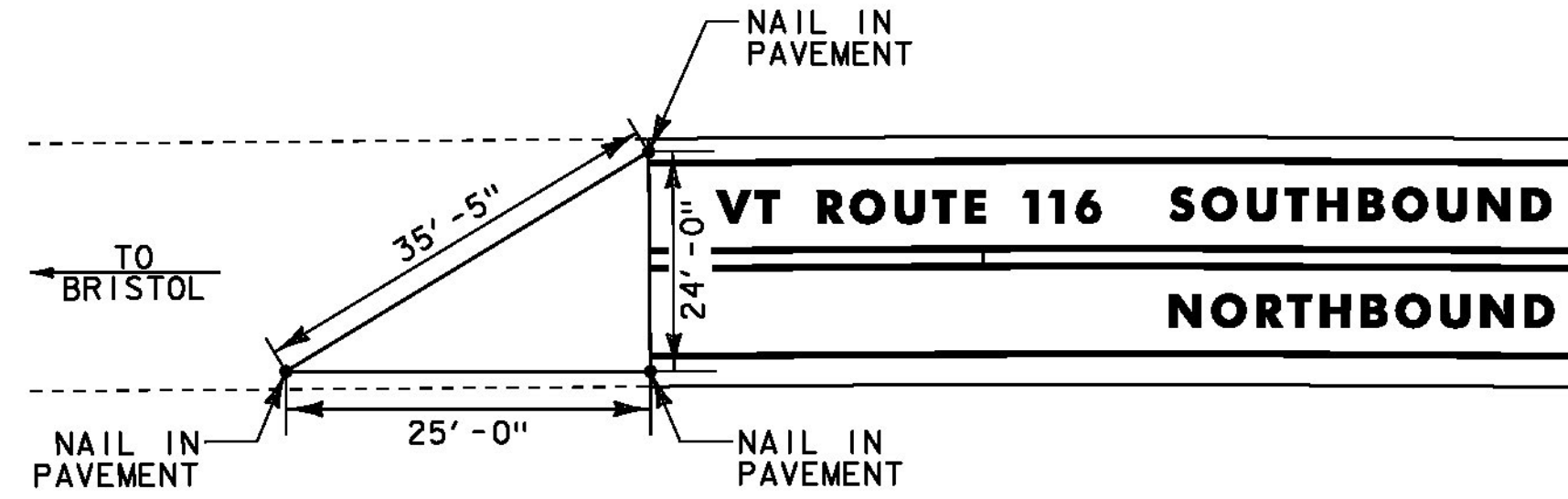
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

* MATCH EXISTING PAVEMENT MARKINGS



VT ROUTE 116 BEGIN PROJECT LOCATION TIES



DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 91+00 TO 94+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 91+00 TO 94+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 91+00 TO 94+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 91+00 TO 94+50, SOLID LT & RT

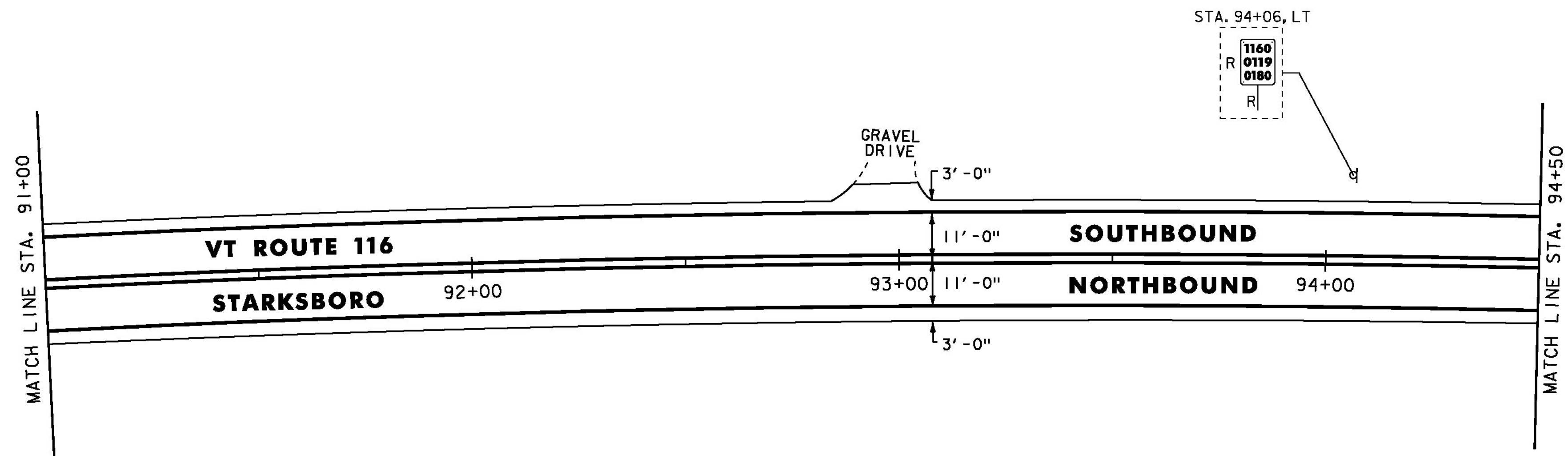
REMOVING SIGNS
AS SHOWN - 1

GENERAL LEGEND

	= EXISTING STONEWALL
	= EXISTING CONDUIT
	= PROPOSED STONE FILL
	= EXISTING GAS LINE
	= EXISTING SIGN POST
	= EXISTING FIRE HYDRANT
	= EXISTING MAIL BOXES
	= EXISTING SEWER MANHOLE
	= EXISTING MONITORING WELL
	= EXISTING TELEPHONE MANHOLE
	= EXISTING MANHOLE
	= EXISTING WATER SHUTOFF
	= EXISTING GAS SHUTOFF
	= EXISTING LIGHT POLE
	= EXISTING DI
	= PROPOSED DI
	= EXISTING COMBINATION POLE
	= EXISTING PULL BOX
	= EXISTING CONTROLLER
	= EXISTING SIGNAL HEAD
	= EXISTING SIGNAL POLE
	= EXISTING GUARDRAIL
	= PROPOSED GUARDRAIL
	= EXISTING PIPE
	= EXISTING HEADWALL
	= EXISTING PEDESTRIAN SIGNAL
	= EXISTING TRAFFIC SIGNAL
	= EXISTING DETECTABLE WARNING SURFACE
	= PROPOSED DETECTABLE WARNING SURFACE

SIGN LEGEND

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



NOTES:
1. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
2. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



PROJECT LAYOUT SHEET #1

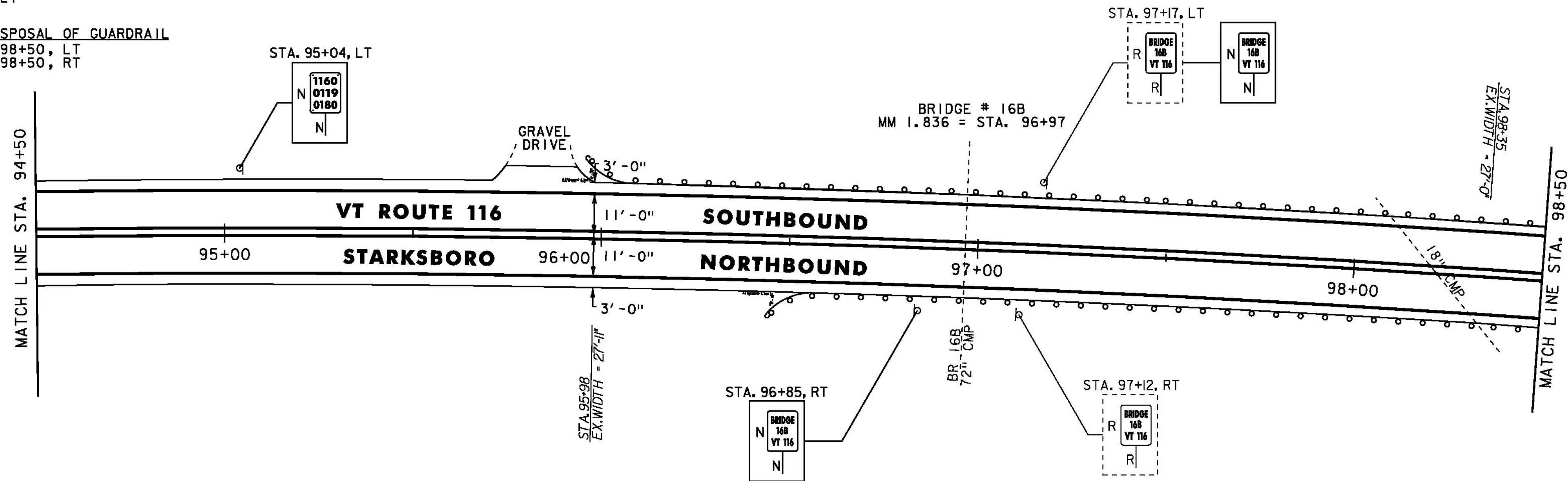
PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(1)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
DESIGNED BY: STANTEC	SHEET 21 OF 119
IPARM FILE: p10b266i01.i	

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 96+44 TO 98+50, RT
STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 95+95.5 TO 98+50, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 95+95.5, LT
STA. 96+44, RT
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 95+98 TO 98+50, LT
STA. 96+42 TO 98+50, RT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 94+50 TO 98+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 94+50 TO 98+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 94+50 TO 98+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 94+50 TO 98+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2

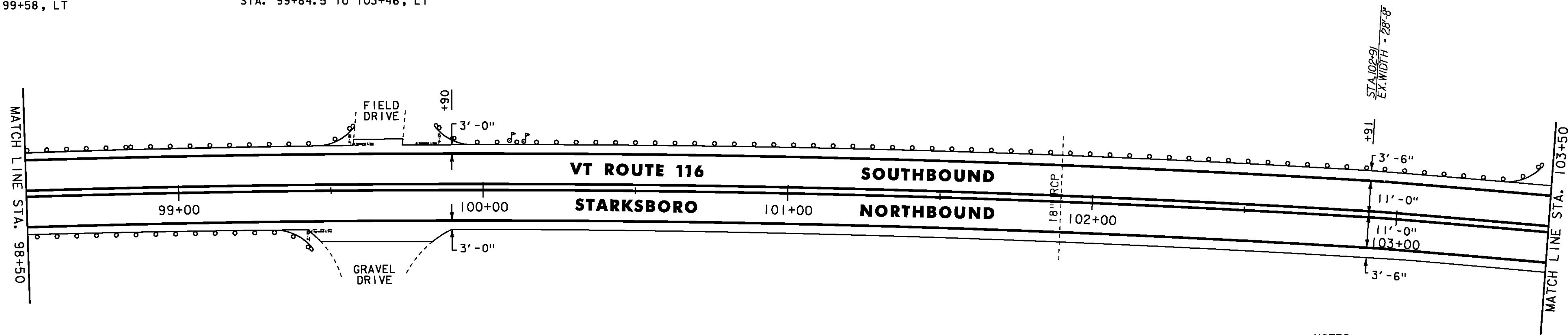


RELOCATE MAILBOX SINGLE SUPPORT
STA. 100+09, LT
STA. 100+13, LT
STEEL BEAM GUARDRAIL, GALVANIZED
STA. 98+50 TO 99+44, RT
STA. 99+84 TO 103+46.5, LT
STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 98+50 TO 99+58, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 99+58, LT
STA. 99+44, RT
STA. 99+84, LT
STA. 103+46.5, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 98+50 TO 99+58, LT
STA. 98+50 TO 99+44, RT
STA. 99+84.5 TO 103+46, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 98+50 TO 103+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 98+50 TO 103+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 98+50 TO 103+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 98+50 TO 103+50, SOLID LT & RT



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #2**

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266102.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 22 OF 119

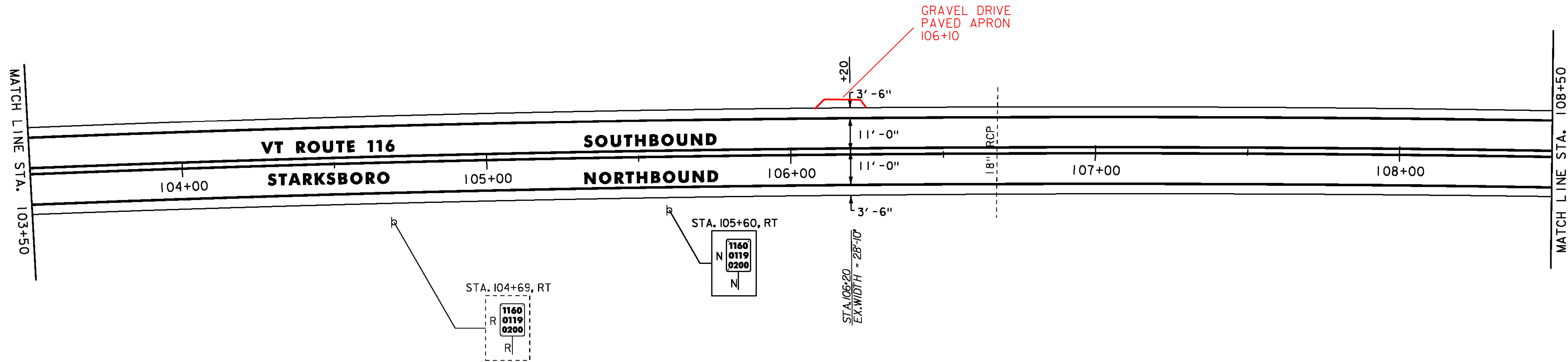
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 103+50 TO 108+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 103+50 TO 108+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 103+50 TO 108+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 103+50 TO 108+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



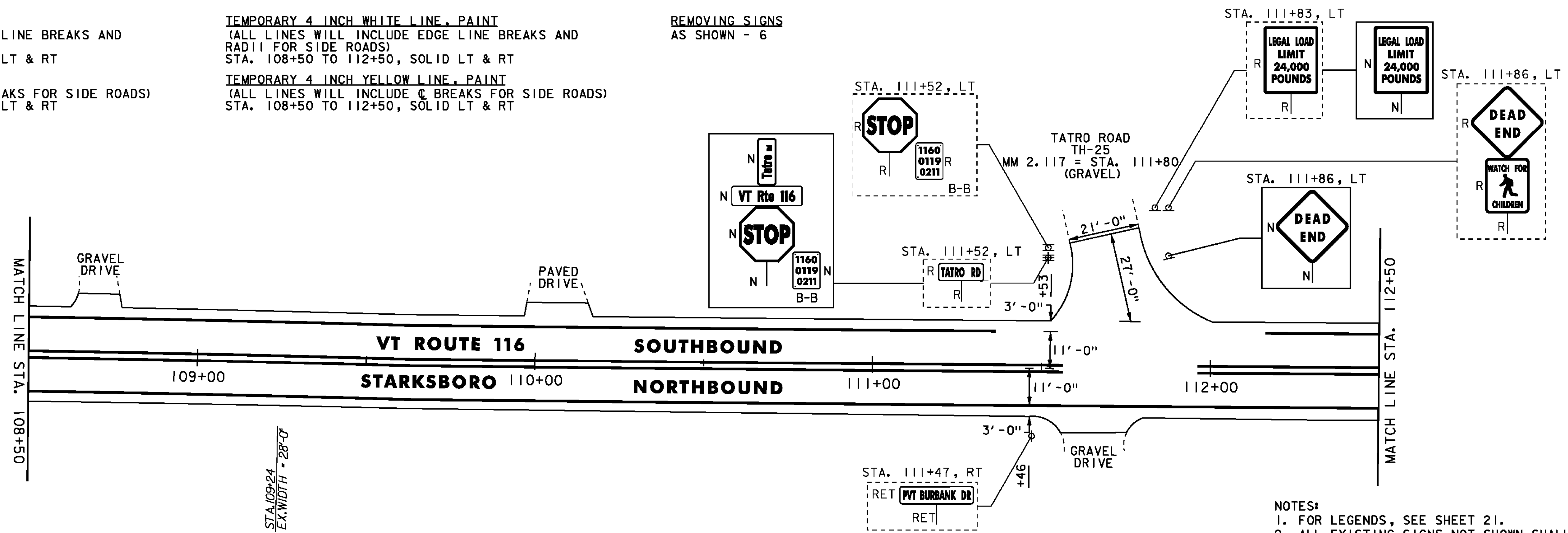
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 108+50 TO 112+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 108+50 TO 112+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 108+50 TO 112+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 108+50 TO 112+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 6



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #3**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i03.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 23 OF 119

STONE FILL, TYPE J
 STA. 114+29 TO 114+35, LT
 STA. 114+52 TO 114+85, LT
 STA. 115+33 TO 116+17, LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 112+82 TO 116+50, RT
 STA. 113+54 TO 116+50, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 112+82, RT
 STA. 113+54, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 112+82 TO 116+50, RT
 STA. 113+54 TO 116+50, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 112+50 TO 116+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 112+50 TO 116+50, SOLID LT & RT

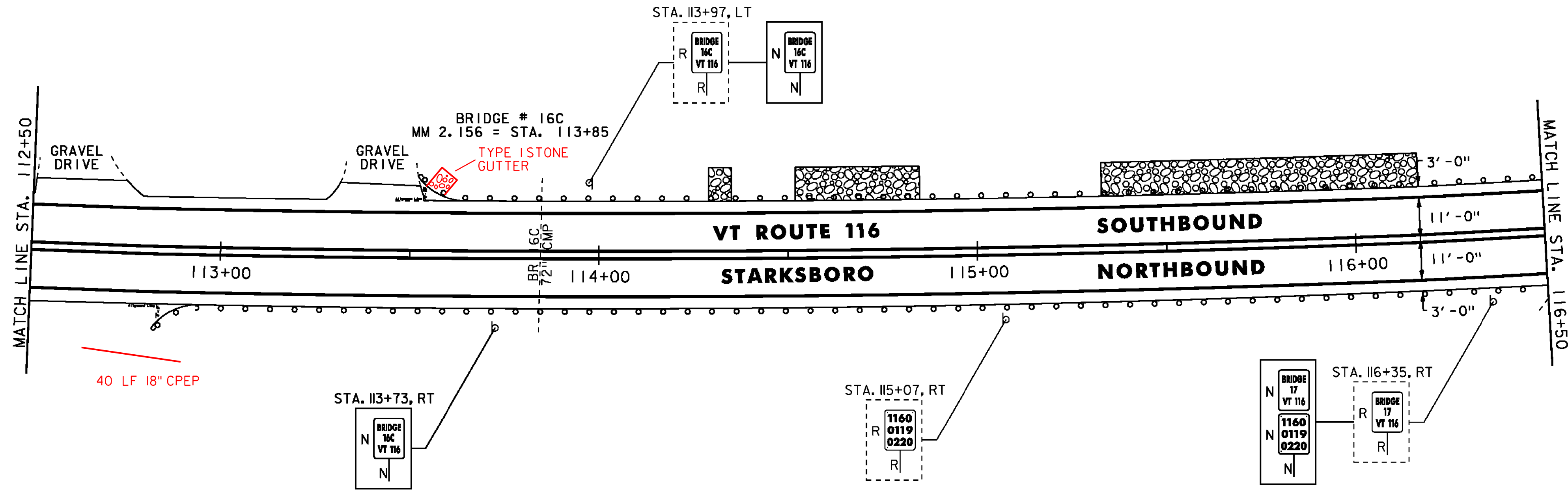
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 112+50 TO 116+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 112+50 TO 116+50, SOLID LT & RT

GEOTEXTILE UNDER STONE FILL
 STA. 114+29 TO 114+35, LT
 STA. 114+52 TO 114+85, LT
 STA. 115+33 TO 116+17, LT

REMOVING SIGNS
 AS SHOWN - 3

GRUBBING MATERIAL
 STA. 114+29 TO 114+35, LT
 STA. 114+52 TO 114+85, LT
 STA. 115+33 TO 116+17, LT



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 116+50 TO 118+44.5, RT
 STA. 116+50 TO 117+91.5, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 117+91.5, LT
 STA. 118+44.5, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 116+50 TO 118+45, RT
 STA. 116+50 TO 117+94, LT

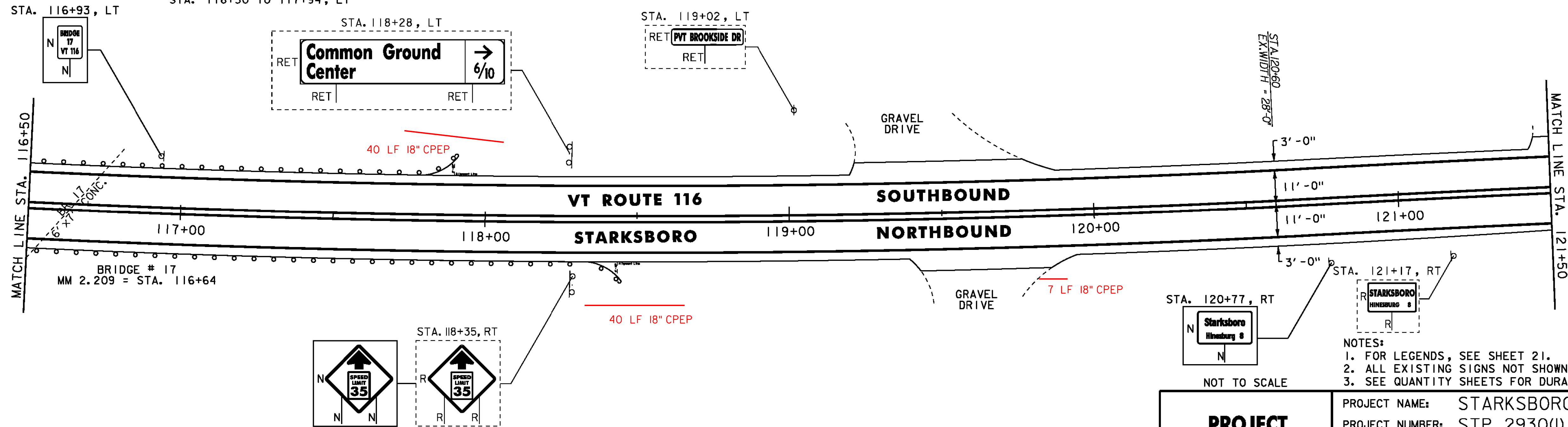
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 116+50 TO 121+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 116+50 TO 121+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 116+50 TO 121+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 116+50 TO 121+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 2



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i04.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 24 OF 119



DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 121+50 TO 126+50, SOLID LT & RT

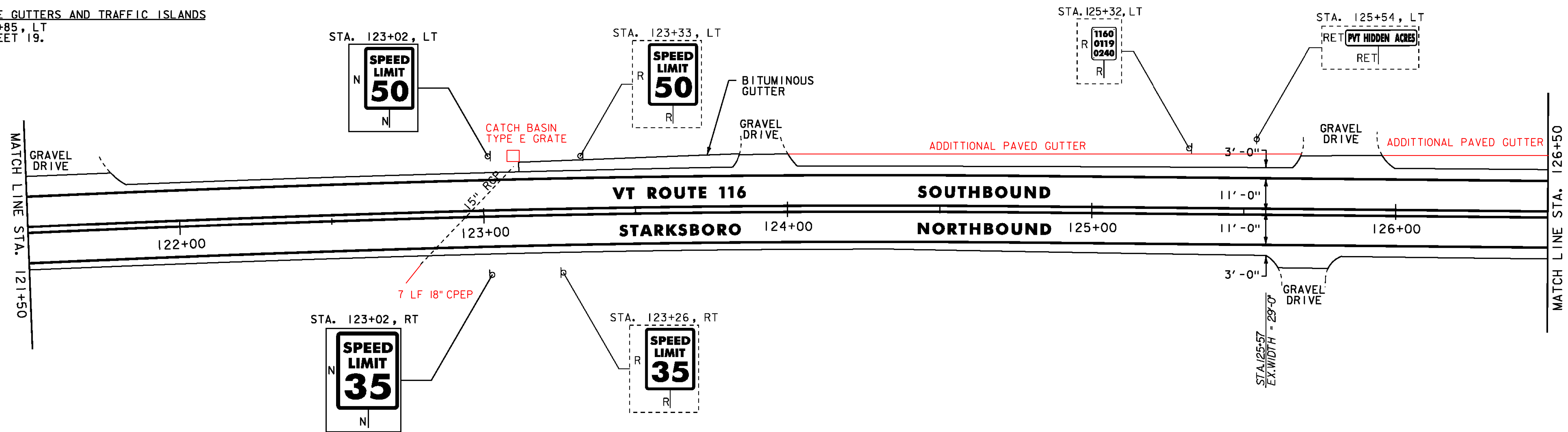
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 121+50 TO 126+50, SOLID LT & RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 123+12 TO 123+85, LT
 FOR DETAIL, SEE SHEET 19.

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 121+50 TO 126+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 121+50 TO 126+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3

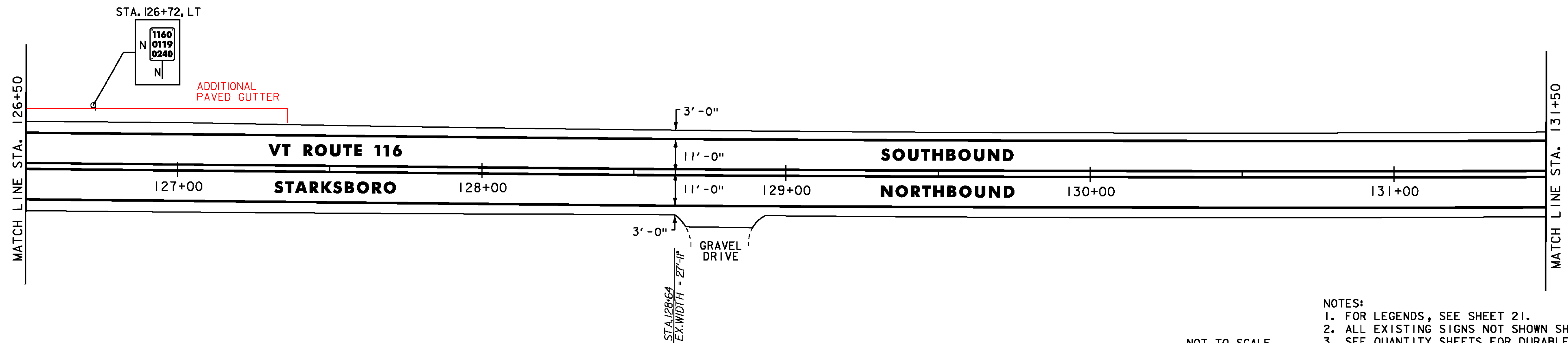


DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 126+50 TO 131+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 126+50 TO 131+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 126+50 TO 131+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 126+50 TO 131+50, SOLID LT & RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

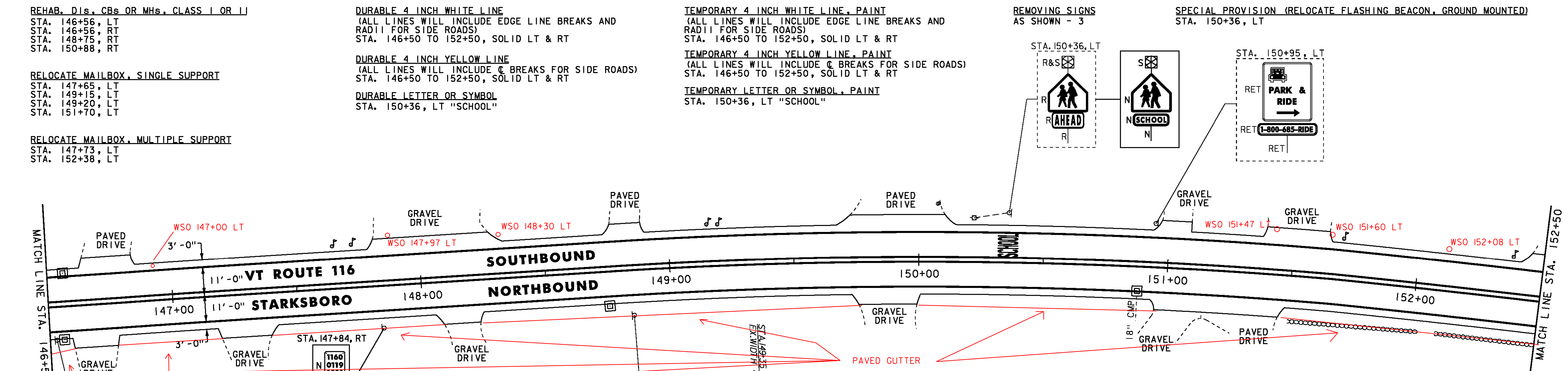
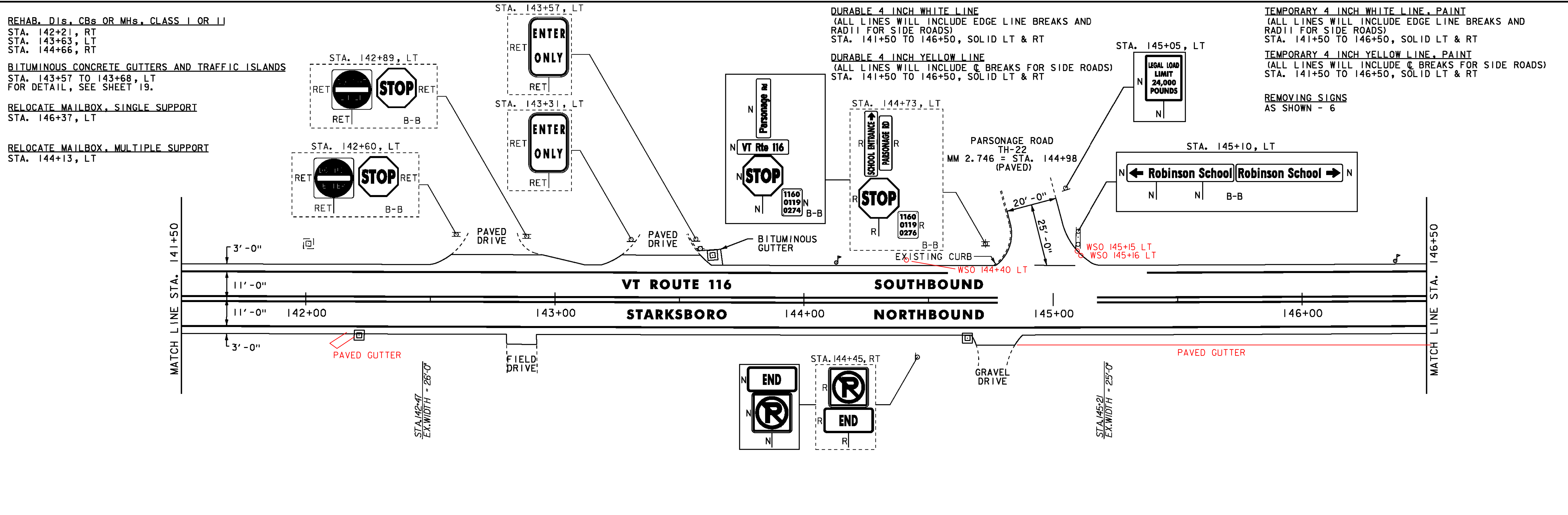
PROJECT LAYOUT SHEET #5



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266105.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 25 OF 119



REHAB. Dis. CBs OR Mhs. CLASS I OR II
 STA. 142+21, RT
 STA. 143+63, LT
 STA. 144+66, RT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 143+57 TO 143+68, LT
 FOR DETAIL, SEE SHEET 19.

RELOCATE MAILBOX, SINGLE SUPPORT
 STA. 146+37, LT

RELOCATE MAILBOX, MULTIPLE SUPPORT
 STA. 144+13, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 141+50 TO 146+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 141+50 TO 146+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 141+50 TO 146+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 141+50 TO 146+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 6

REHAB. Dis. CBs OR Mhs. CLASS I OR II
 STA. 146+56, LT
 STA. 146+56, RT
 STA. 148+75, RT
 STA. 150+88, RT

RELOCATE MAILBOX, SINGLE SUPPORT
 STA. 147+65, LT
 STA. 149+15, LT
 STA. 149+20, LT
 STA. 151+70, LT

RELOCATE MAILBOX, MULTIPLE SUPPORT
 STA. 147+73, LT
 STA. 152+38, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 146+50 TO 152+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 146+50 TO 152+50, SOLID LT & RT

DURABLE LETTER OR SYMBOL
 STA. 150+36, LT "SCHOOL"

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 146+50 TO 152+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 146+50 TO 152+50, SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 150+36, LT "SCHOOL"

REMOVING SIGNS
 AS SHOWN - 3

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)
 STA. 150+36, LT

NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266107.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 27 OF 119

Stantec

REHAB. Dis. CBs OR MHS, CLASS I OR II
 STA. 153+04, RT
 STA. 155+48, RT
 STA. 157+68, RT

RELOCATE MAILBOX, SINGLE SUPPORT
 STA. 153+07, LT
 STA. 153+10, LT
 STA. 153+13, LT
 STA. 157+19, LT

RELOCATE MAILBOX, MULTIPLE SUPPORT
 STA. 155+46, LT
 STA. 157+63, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 152+50 TO 158+50, SOLID LT & RT
 STA. 155+75, SOLID RT (EDGELINES, BIG HOLLOW ROAD TH-5)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 152+50 TO 158+50, SOLID LT & RT
 STA. 155+75, DOUBLE SOLID RT (BIG HOLLOW ROAD TH-5)

DURABLE 24 INCH STOP BAR
 STA. 155+75, RT (BIG HOLLOW ROAD TH-5)

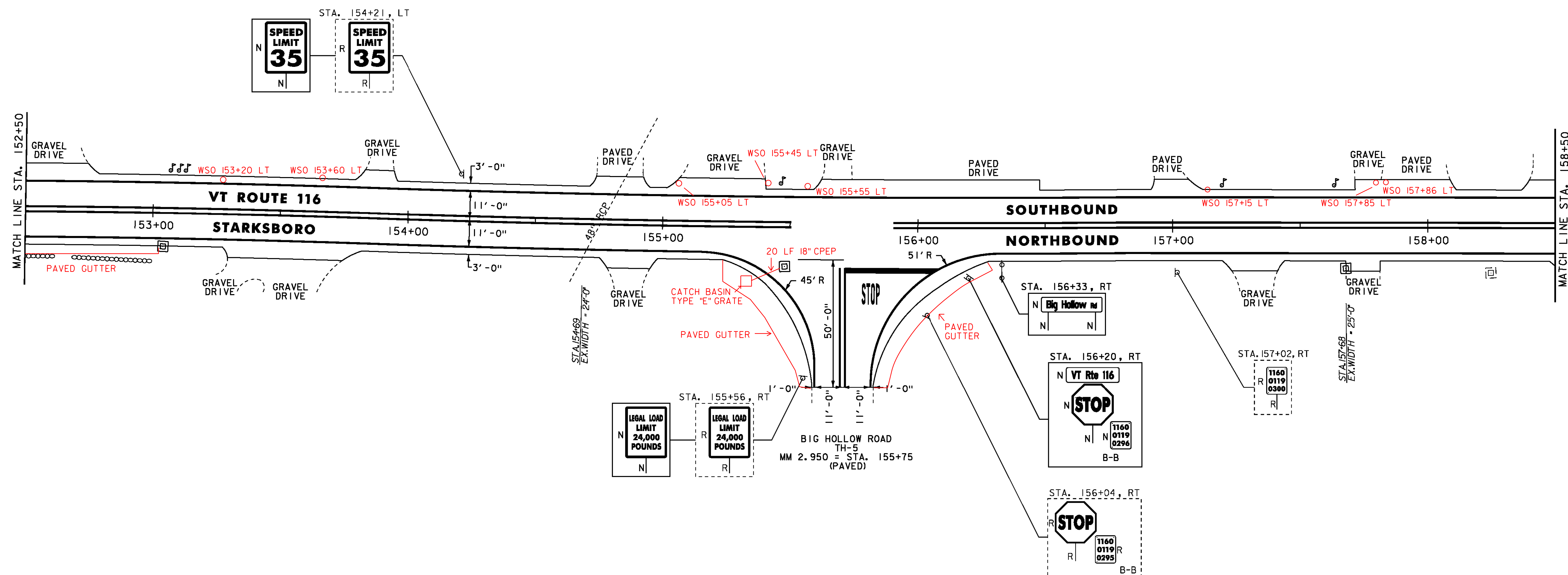
DURABLE LETTER OR SYMBOL
 STA. 155+75, RT - "STOP" (BIG HOLLOW ROAD TH-5)

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 152+50 TO 158+50, SOLID LT & RT
 STA. 155+75, SOLID RT (EDGELINES, BIG HOLLOW ROAD TH-5)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 152+50 TO 158+50, SOLID LT & RT
 STA. 155+75, DOUBLE SOLID RT (BIG HOLLOW ROAD TH-5)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 155+75, RT (BIG HOLLOW ROAD TH-5)
 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 155+75, RT - "STOP" (BIG HOLLOW ROAD TH-5)

REMOVING SIGNS
 AS SHOWN - 5



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #8**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i08.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 28 OF 119



RELOCATE MAILBOX, SINGLE SUPPORT

STA. 159+00, RT
STA. 161+89, LT
STA. 163+57, RT

ADJUST ELEVATION OF VALVE BOX (NO FEDERAL PARTICIPATION)

STA. 163+50, LT

DURABLE 4 INCH WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT

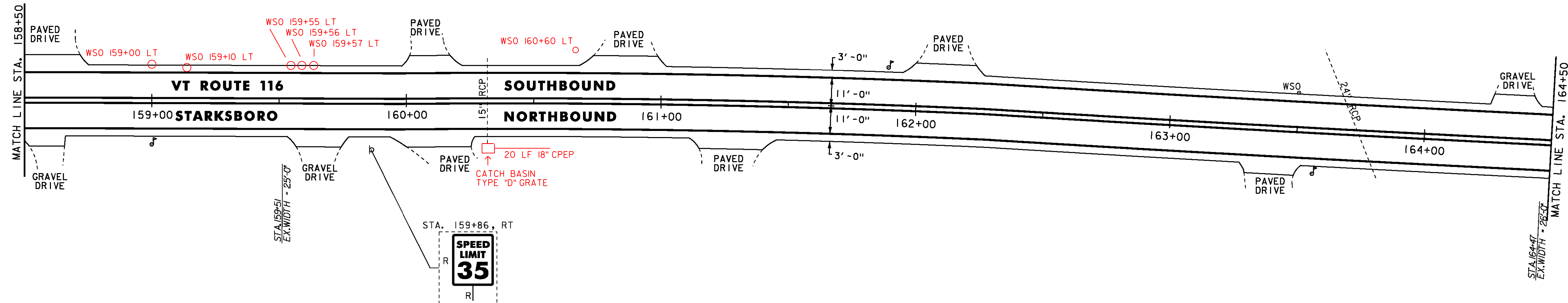
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

REMOVING SIGNS

AS SHOWN - 1



REHAB. Dis, CBs OR MHS, CLASS I OR II
STA. 167+82, RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 167+57, RT

DURABLE 4 INCH WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT

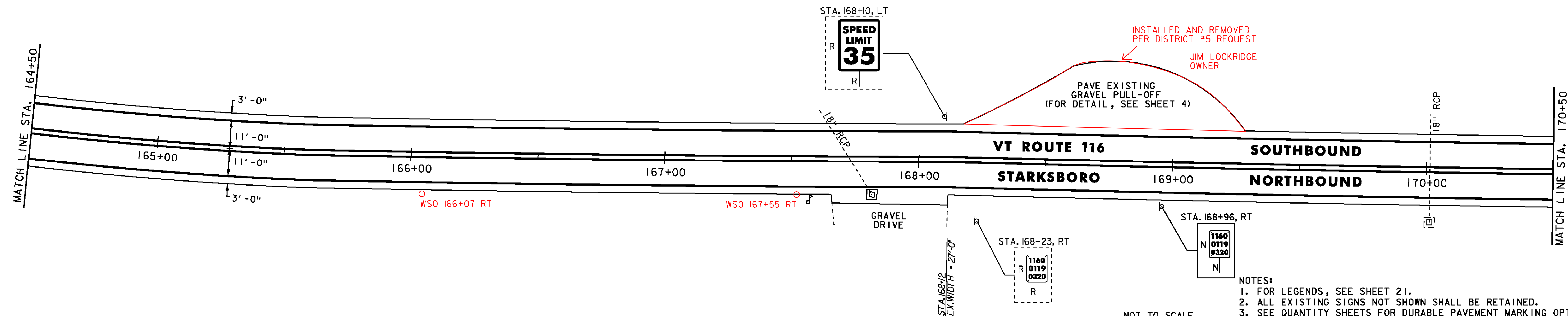
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

REMOVING SIGNS

AS SHOWN - 2



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #9



PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i09.i

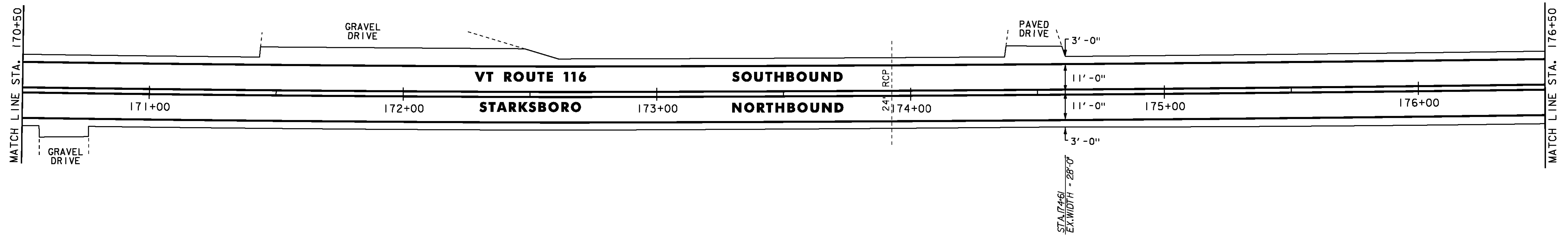
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 29 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 170+50 TO 176+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 170+50 TO 176+50, SOLID LT & RT

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

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 170+50 TO 176+50, SOLID LT & RT



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 178+90 TO 181+90, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 178+90, LT
 STA. 181+90, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 178+93 TO 181+97, LT

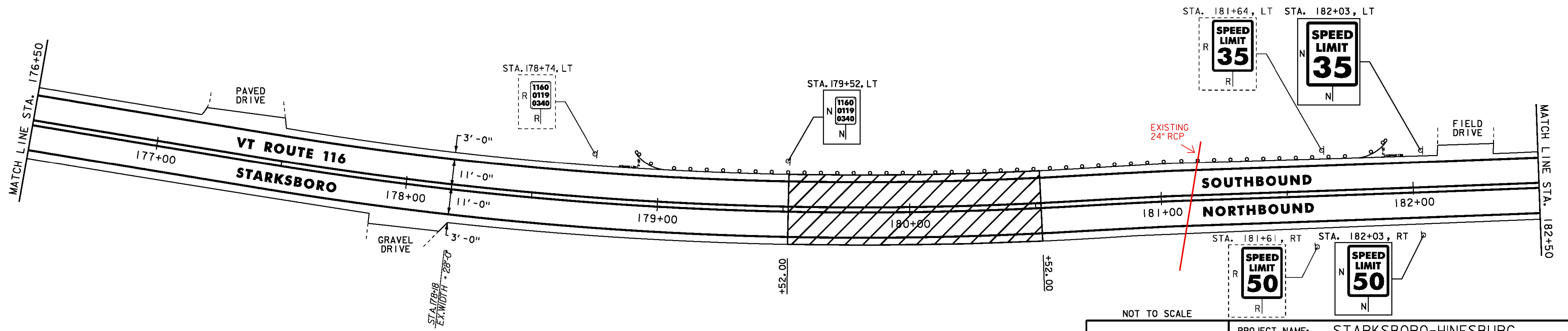
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 176+50 TO 182+50, SOLID LT & RT

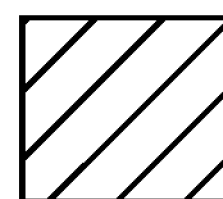
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 176+50 TO 182+50, SOLID LT & RT

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

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 176+50 TO 182+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3



 **COLD PLANE TRANSITION AREA**
 (FOR TYPICAL, SEE SHEET 3)

- NOTES:**
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.



PROJECT LAYOUT SHEET #10

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266110.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 30 OF 119

NOT TO SCALE

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 184+01 TO 186+38.5, LT
 STA. 186+65 TO 188+50, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 184+01, LT
 STA. 186+38.5, LT
 STA. 186+65, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 184+00 TO 186+38.5, LT
 STA. 186+65 TO 188+50, LT

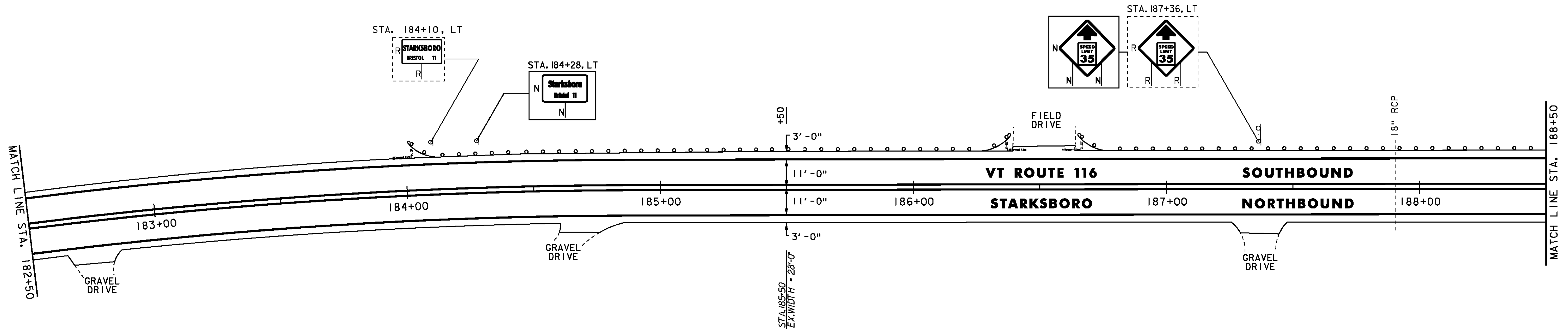
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 182+50 TO 188+50, SOLID LT & RT

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

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

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

REMOVING SIGNS
 AS SHOWN - 2



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 188+50 TO 194+50, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 188+50 TO 194+50, LT

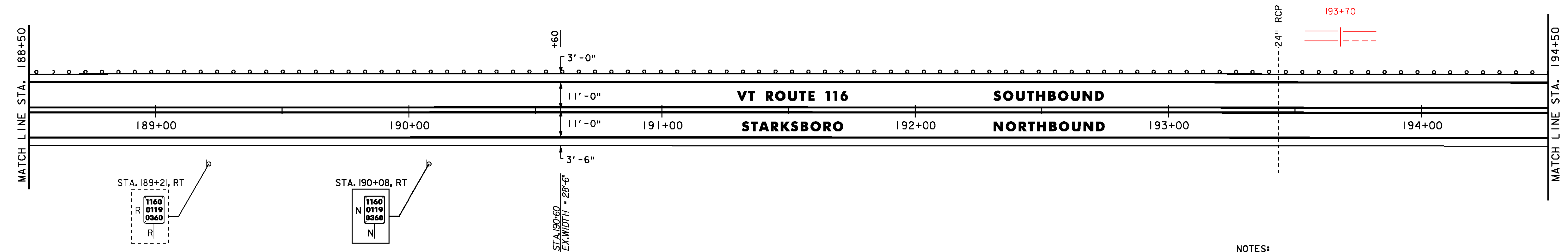
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 188+50 TO 194+50, SOLID LT & RT

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

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

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

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #11



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266111.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 31 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 194+50 TO 200+50, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 194+50 TO 200+50, LT

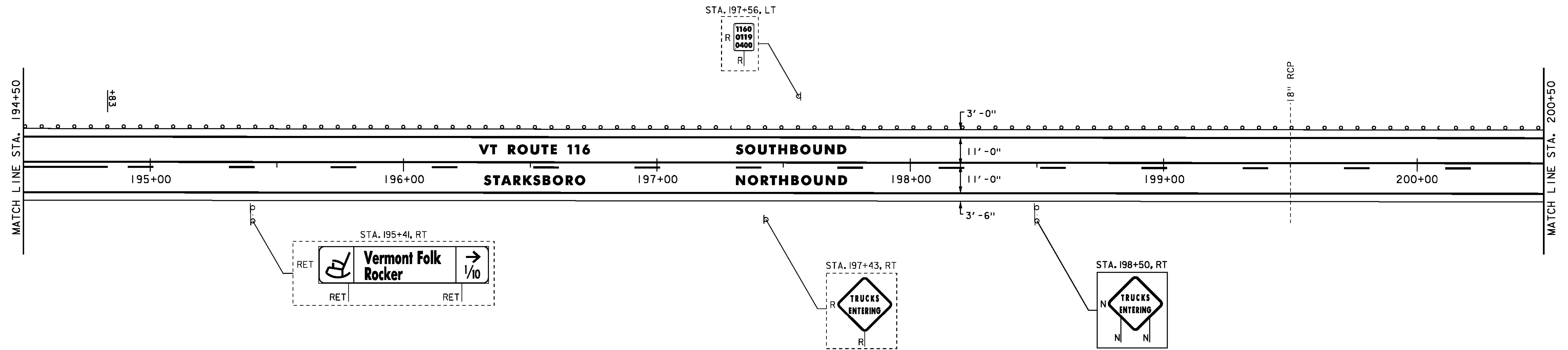
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 194+50 TO 200+50, SOLID LT & RT

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

REMOVING SIGNS
 AS SHOWN - 2

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 194+50 TO 194+83, SOLID LT & RT
 STA. 194+83 TO 200+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 194+50 TO 194+83, SOLID LT & RT
 STA. 194+83 TO 200+50, SOLID LT, DASHED RT



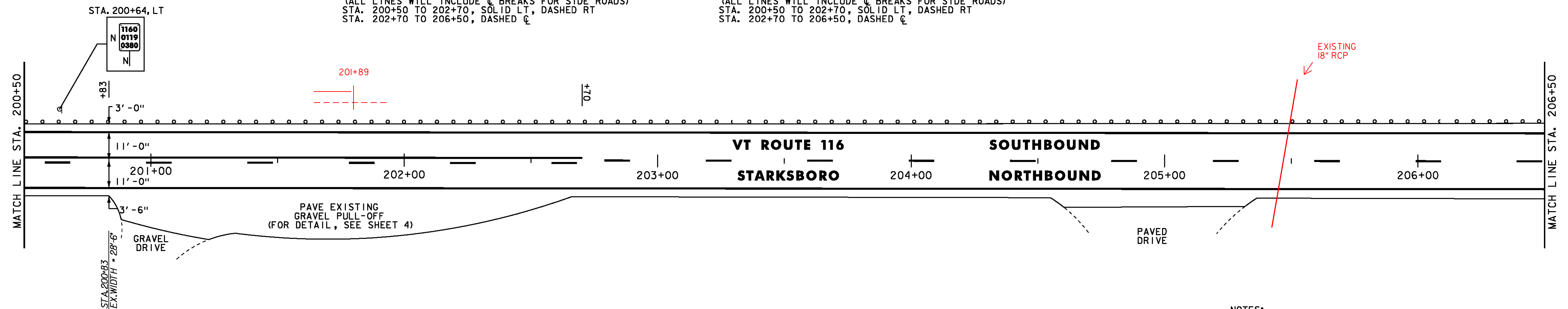
STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 200+50 TO 206+50, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 200+50 TO 206+50, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 200+50 TO 206+50, SOLID LT & RT

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

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 200+50 TO 202+70, SOLID LT, DASHED RT
 STA. 202+70 TO 206+50, DASHED C

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 200+50 TO 202+70, SOLID LT, DASHED RT
 STA. 202+70 TO 206+50, DASHED C



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #12**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i12.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 32 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 206+50 TO 212+50, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 206+50 TO 212+50, LT

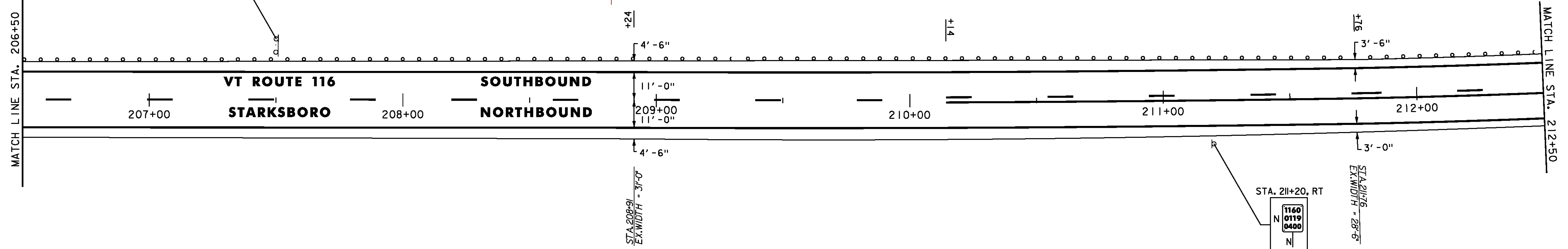
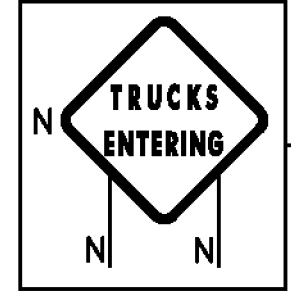
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT

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

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 206+50 TO 210+14, DASHED C
STA. 210+14 TO 212+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 206+50 TO 210+14, DASHED C
STA. 210+14 TO 212+50, DASHED LT, SOLID RT

STA. 207+50, LT



STEEL BEAM GUARDRAIL, GALVANIZED
STA. 212+50 TO 217+40, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 217+40, LT

DURABLE 24 INCH STOP BAR
STA. 216+94, LT (STATES PRISON HOLLOW ROAD TH-3)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 212+50 TO 216+89, DASHED LT, SOLID RT
STA. 216+89 TO 218+50, SOLID LT & RT
STA. 216+94, DOUBLE SOLID LT (STATES PRISON HOLLOW ROAD TH-3)

REMOVING SIGNS
AS SHOWN - 4

STATES PRISON HOLLOW ROAD
TH-3
MM 4.109 = STA. 216+94
(PAVED)

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 212+50 TO 217+40, LT

DURABLE LETTER OR SYMBOL
STA. 216+94, LT "STOP" (STATES PRISON HOLLOW ROAD TH-3)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 216+94, LT (STATES PRISON HOLLOW ROAD TH-3)

STA. 217+58, LT
LEGAL LOAD LIMIT
24,000
POUNDS

STA. 217+61, LT

* MATCH EXISTING PAVEMENT MARKINGS

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT
STA. 216+94, SOLID LT (EDGELINES, STATES PRISON HOLLOW ROAD TH-3)

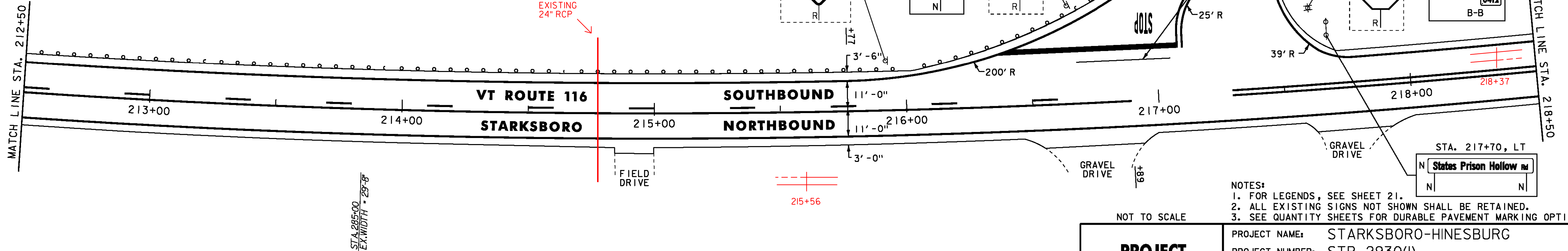
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT
STA. 216+94, SOLID LT (EDGELINES, STATES
PRISON HOLLOW ROAD TH-3)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 216+94, LT "STOP"
(STATES PRISON HOLLOW ROAD TH-3)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 212+50 TO 216+89, DASHED LT, SOLID RT
STA. 216+89 TO 218+50, SOLID LT & RT
STA. 216+94, DOUBLE SOLID LT (STATES PRISON HOLLOW ROAD TH-3)

STA. 215+92, LT

STA. 216+65, LT



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #13

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266113.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 33 OF 119

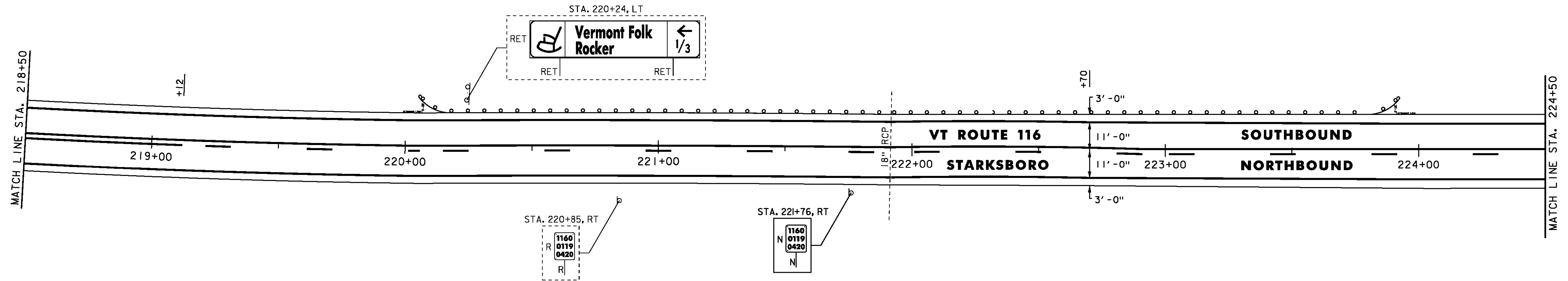


STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 220+05 TO 223+92.5, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 220+05, LT
 STA. 223+92.5, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 220+05 TO 223+95, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 218+50 TO 224+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 218+50 TO 219+12, SOLID LT & RT
 STA. 219+12 TO 224+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 218+50 TO 224+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 218+50 TO 219+12, SOLID LT & RT
 STA. 219+12 TO 224+50, SOLID LT, DASHED RT

REMOVING SIGNS
 AS SHOWN - 1

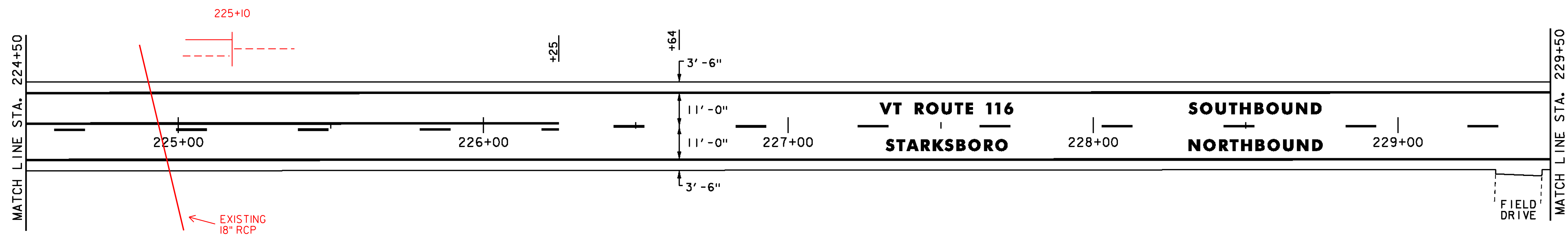


DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 224+50 TO 229+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 224+50 TO 226+25, SOLID LT, DASHED RT
 STA. 226+25 TO 229+50, DASHED C

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 224+50 TO 229+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 224+50 TO 226+25, SOLID LT, DASHED RT
 STA. 226+25 TO 229+50, DASHED C



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #14



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266114.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 34 OF 119

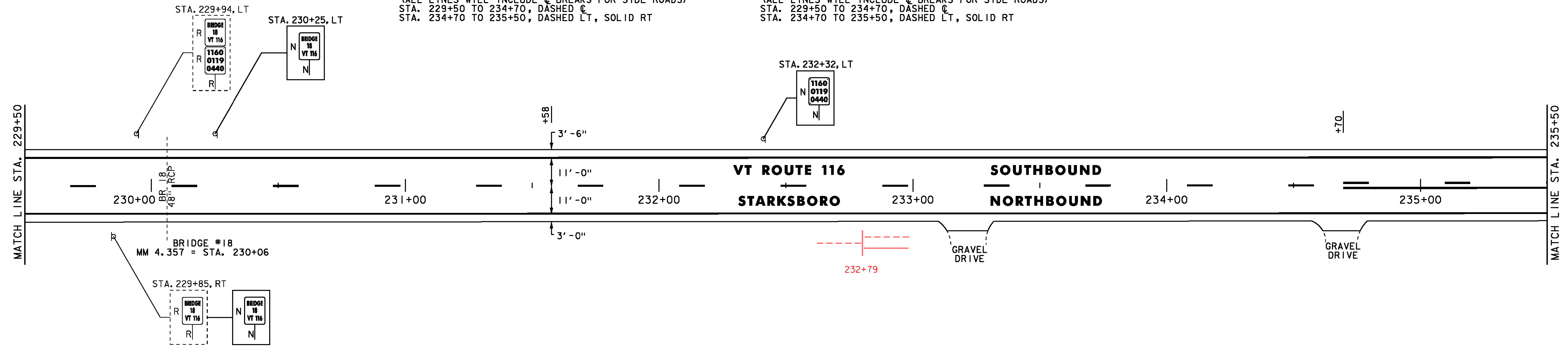
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 229+50 TO 235+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 229+50 TO 234+70, DASHED C
 STA. 234+70 TO 235+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 229+50 TO 235+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 229+50 TO 234+70, DASHED C
 STA. 234+70 TO 235+50, DASHED LT, SOLID RT

REMOVING SIGNS
 AS SHOWN - 3

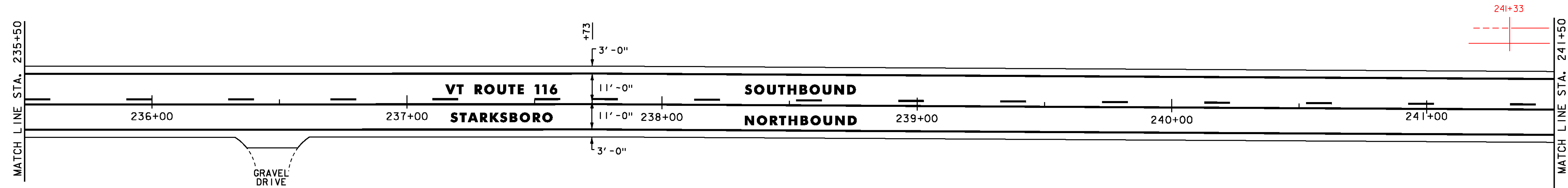


DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 235+50 TO 241+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 235+50 TO 241+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 235+50 TO 241+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 235+50 TO 241+50, DASHED LT, SOLID RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #15



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i15.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 35 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 241+50 TO 247+50, SOLID LT & RT
 STA. 244+43, SOLID LT (EDGELINES, CEMETERY ROAD TH-34)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 241+50 TO 241+93, DASHED LT, SOLID RT
 STA. 241+93 TO 247+50, SOLID LT & RT
 STA. 244+43, DOUBLE SOLID LT (CEMETERY ROAD TH-34)

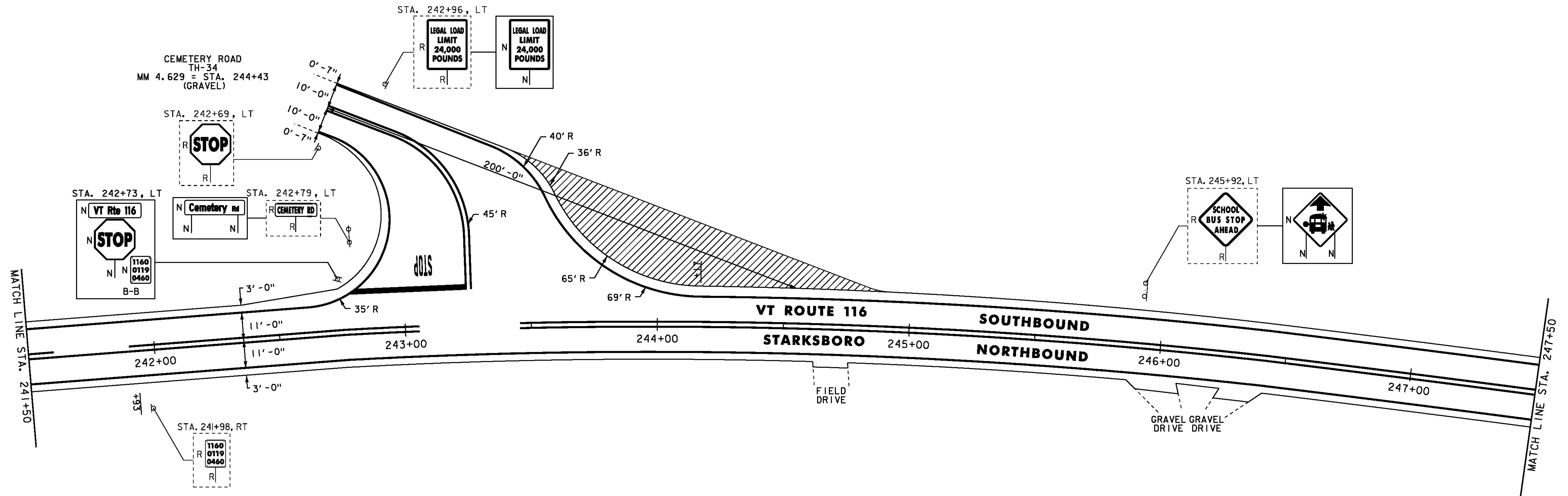
DURABLE 24 INCH STOP BAR
 STA. 244+43, LT (CEMETERY ROAD TH-34)
DURABLE LETTER OR SYMBOL
 STA. 244+43, LT "STOP" (CEMETERY ROAD TH-34)

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 241+50 TO 247+50, SOLID LT & RT
 STA. 244+43, SOLID LT (EDGELINES, CEMETERY ROAD TH-34)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 241+50 TO 241+93, DASHED LT, SOLID RT
 STA. 241+93 TO 247+50, SOLID LT & RT
 STA. 244+43, DOUBLE SOLID LT (CEMETERY ROAD TH-34)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 244+43, LT (CEMETERY ROAD TH-34)
TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 244+43, LT "STOP" (CEMETERY ROAD TH-34)

REMOVING SIGNS
 AS SHOWN - 5



- NOTES:**
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 4. REMOVE 4 INCHES OF EXISTING PAVEMENT AS SHOWN. PAYMENT TO BE MADE UNDER ITEM 203.15 - COMMON EXCAVATION. IF LESS THAN 4 INCHES OF PAVEMENT IS ENCOUNTERED, REMOVAL OF SUBBASE SHALL BE PAID UNDER ITEM 203.15 - COMMON EXCAVATION. REPLACE WITH 4 INCHES OF ITEM 651.35 - TOPSOIL, 651.15 - SEED, 651.18 - FERTILIZER, 651.20 - AGRICULTURAL LIMESTONE AND 653.20 - TEMPORARY EROSION MATTING. ESTIMATED QUANTITIES OF ALL THESE ITEMS HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.

 REMOVAL OF EXISTING PAVEMENT AREAS, SEE NOTE 4

NOT TO SCALE



PROJECT LAYOUT SHEET #16

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i16.i

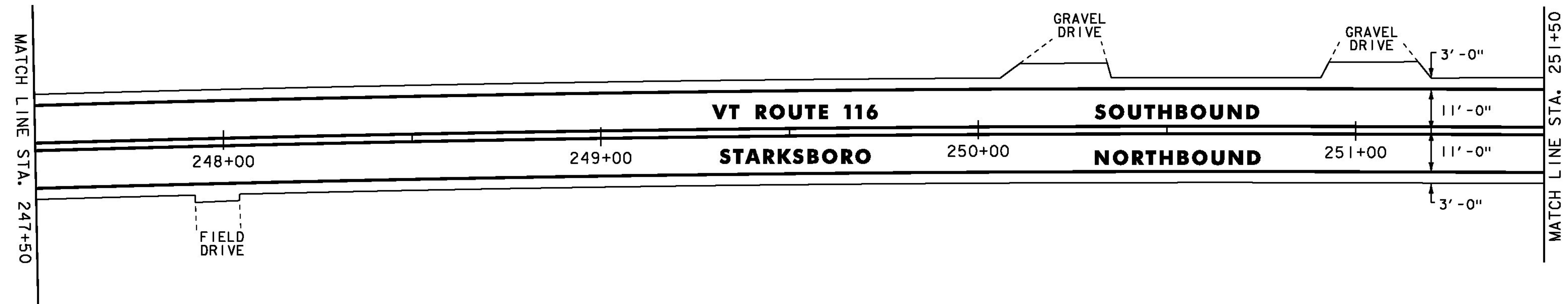
PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 36 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 247+50 TO 251+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 247+50 TO 251+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 247+50 TO 251+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 247+50 TO 251+50, SOLID LT & RT



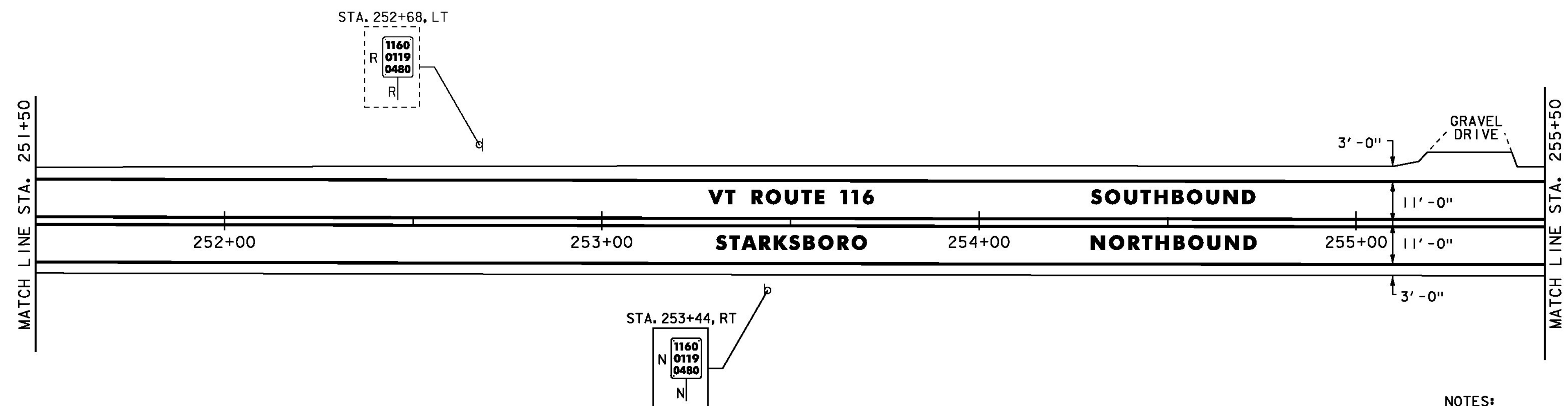
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 251+50 TO 255+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 251+50 TO 255+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 251+50 TO 255+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 251+50 TO 255+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
 LAYOUT
 SHEET #17**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266117.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 37 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 255+50 TO 261+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 255+50 TO 261+50, SOLID LT & RT
 STA. 257+78, DOUBLE SOLID RT (VARNEY HILL ROAD TH-14)

DURABLE 24 INCH STOP BAR
 STA. 257+78, RT (VARNEY HILL ROAD TH-14)

DURABLE LETTER OR SYMBOL
 STA. 257+78, RT "STOP" (VARNEY HILL ROAD TH-14)

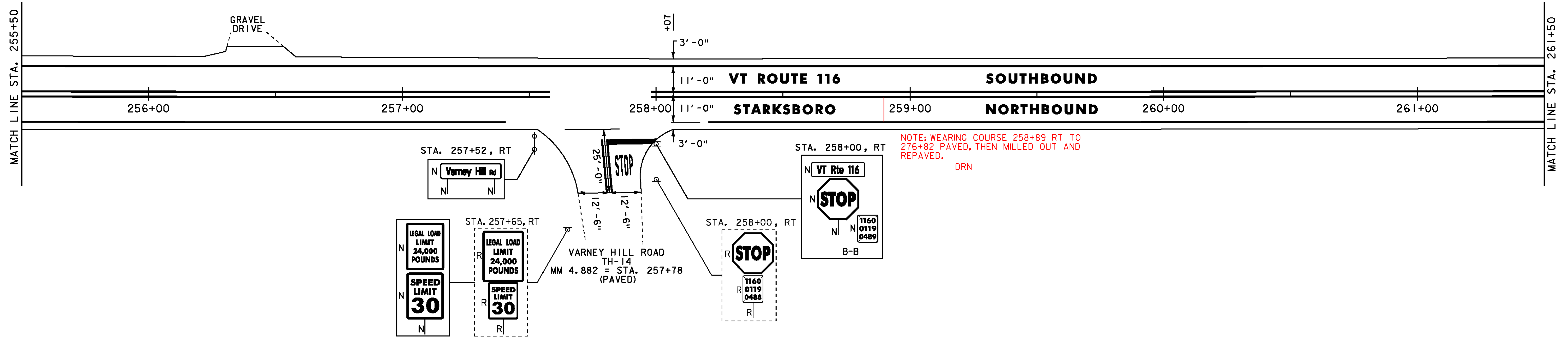
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 255+50 TO 261+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 255+50 TO 261+50, SOLID LT & RT
 STA. 257+78, DOUBLE SOLID RT (VARNEY HILL ROAD TH-14)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 257+78, RT (VARNEY HILL ROAD TH-14)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 257+78, RT "STOP" (VARNEY HILL ROAD TH-14)

REMOVING SIGNS
 AS SHOWN - 4



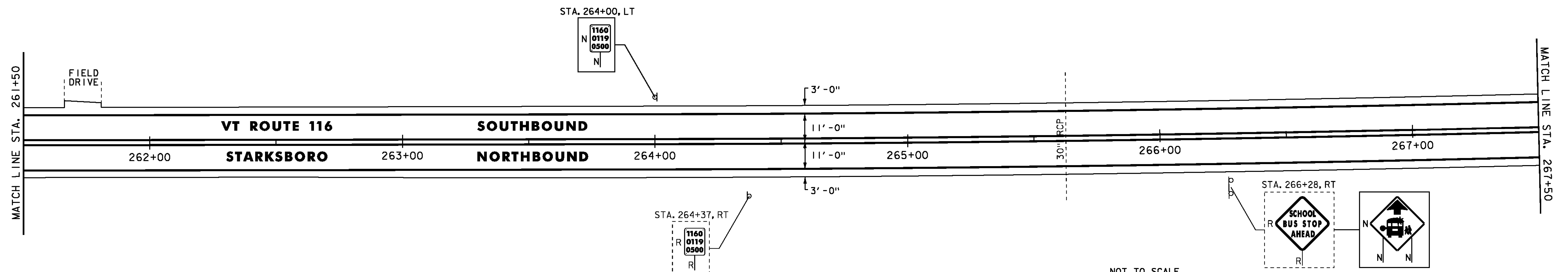
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 261+50 TO 267+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 261+50 TO 267+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 261+50 TO 267+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 261+50 TO 267+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 2



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.



NOT TO SCALE

PROJECT LAYOUT SHEET #18

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266118.i

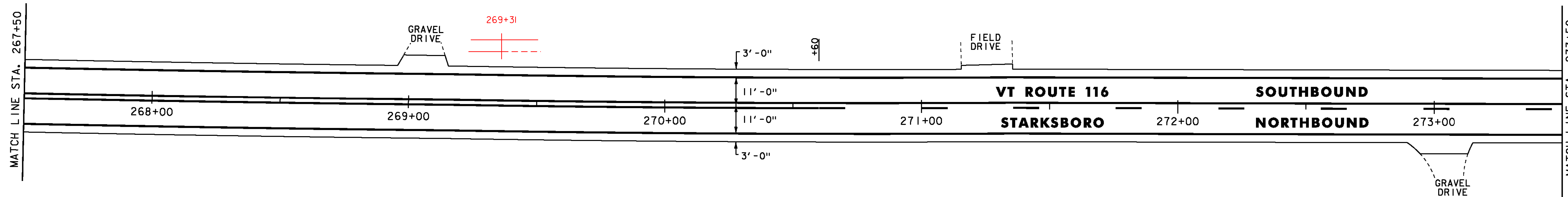
PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 38 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 267+50 TO 273+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 267+50 TO 273+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE ϕ BREAKS FOR SIDE ROADS)
 STA. 267+50 TO 270+60, SOLID LT & RT
 STA. 270+60 TO 273+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE ϕ BREAKS FOR SIDE ROADS)
 STA. 267+50 TO 270+60, SOLID LT & RT
 STA. 270+60 TO 273+50, SOLID LT, DASHED RT



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 279+05 TO 279+50, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 273+50 TO 279+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 273+50 TO 279+50, SOLID LT & RT

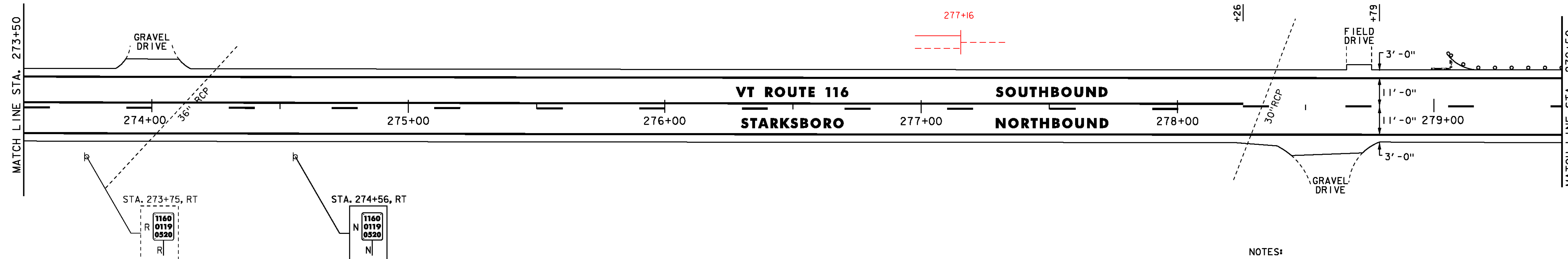
REMOVING SIGNS
 AS SHOWN - 1

ANCHOR FOR STEEL BEAM RAIL
 STA. 279+05, LT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE ϕ BREAKS FOR SIDE ROADS)
 STA. 273+50 TO 278+26, SOLID LT, DASHED RT
 STA. 278+26 TO 279+50, DASHED ϕ

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE ϕ BREAKS FOR SIDE ROADS)
 STA. 273+50 TO 278+26, SOLID LT, DASHED RT
 STA. 278+26 TO 279+50, DASHED ϕ

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 279+07 TO 279+50, LT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #19**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266119.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 39 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 279+50 TO 284+30.0, LT
 STA. 279+70 TO 284+20.0, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 279+70, RT
 STA. 284+20, RT
 STA. 284+30, LT

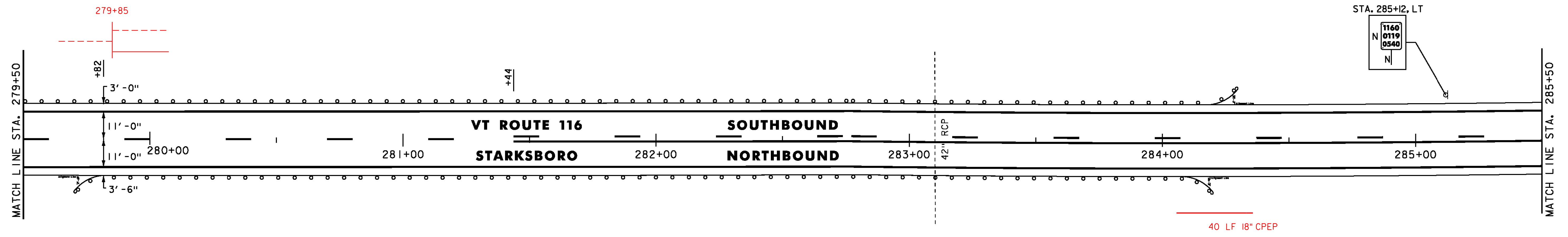
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 279+50 TO 284+34, LT
 STA. 279+70 TO 284+23, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 279+50 TO 285+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 279+50 TO 281+44, DASHED C
 STA. 281+44 TO 285+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 279+50 TO 285+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 279+50 TO 281+44, DASHED C
 STA. 281+44 TO 285+50, DASHED LT, SOLID RT



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 290+00 TO 291+50, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 290+00, RT

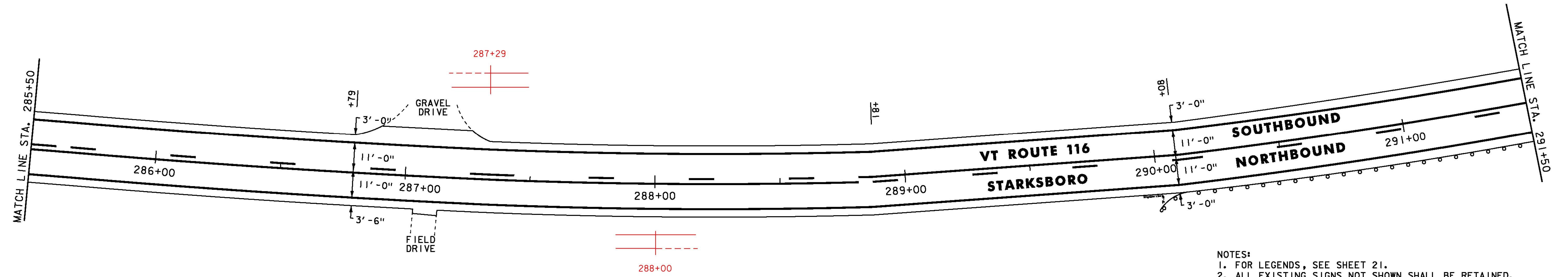
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 289+97 TO 291+50, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 285+50 TO 291+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 285+50 TO 288+81, DASHED LT, SOLID RT
 STA. 288+81 TO 291+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 285+50 TO 291+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 285+50 TO 288+81, DASHED LT, SOLID RT
 STA. 288+81 TO 291+50, SOLID LT, DASHED RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #20



PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 40 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266120.i	

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 291+50 TO 292+50, RT
 STA. 295+10 TO 296+22.5, RT
 STA. 295+90 TO 297+15, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 292+50, RT
 STA. 295+10, RT
 STA. 295+90, LT
 STA. 296+22.5, RT
 STA. 297+15, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 291+50 TO 292+48, RT
 STA. 295+08 TO 296+23.5, RT
 STA. 295+87 TO 297+14, LT

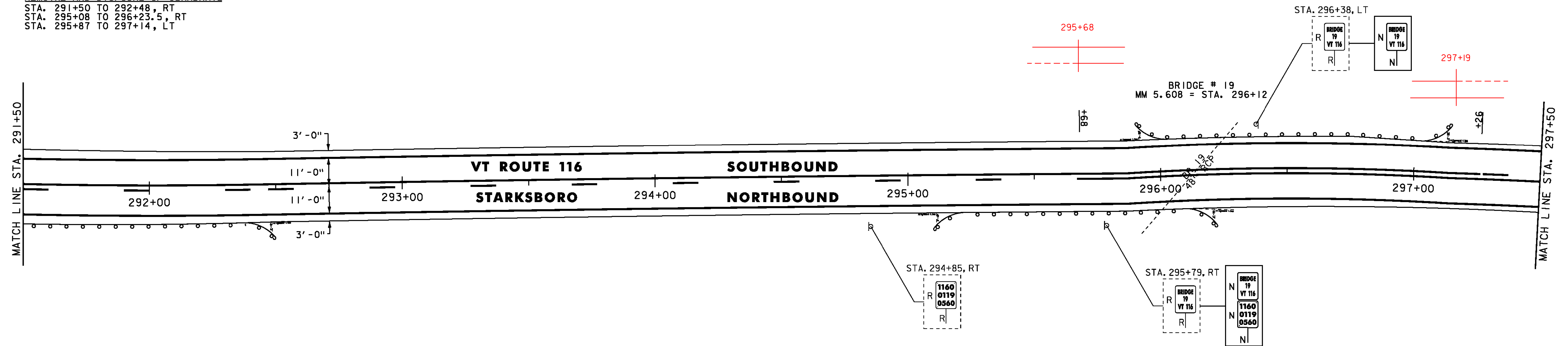
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 291+50 TO 297+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 291+50 TO 295+68, SOLID LT, DASHED RT
 STA. 295+68 TO 297+26, SOLID LT & RT
 STA. 297+26 TO 297+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 291+50 TO 297+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 291+50 TO 295+68, SOLID LT, DASHED RT
 STA. 295+68 TO 297+26, SOLID LT & RT
 STA. 297+26 TO 297+50, DASHED LT, SOLID RT

REMOVING SIGNS
 AS SHOWN - 3



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 301+60 TO 303+50, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 301+60, LT

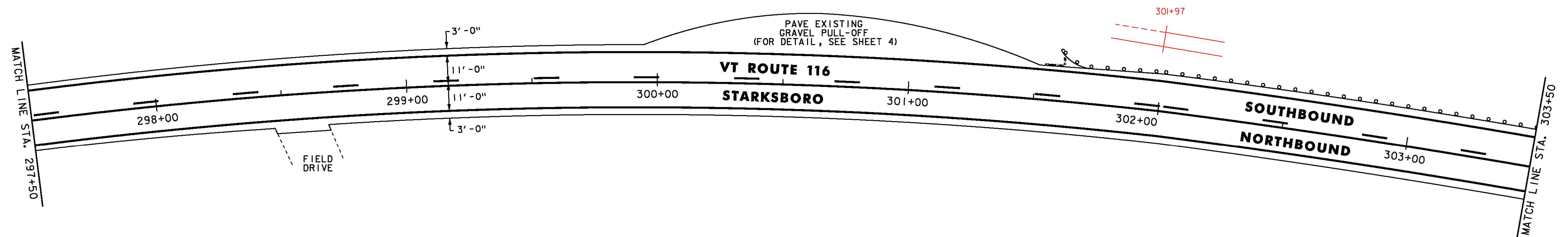
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 301+62 TO 303+50, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 297+50 TO 303+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 297+50 TO 303+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 297+50 TO 303+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 297+50 TO 303+50, DASHED LT, SOLID RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #21



PROJECT NAME: STARKSBORO-HINESBURG	PROJECT NUMBER: STP 2930(I)
FILE NAME: pl0b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266121.i	SHEET 41 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 303+50 TO 305+60, LT
 STA. 306+85 TO 309+35, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 305+60, LT
 STA. 306+85, LT
 STA. 309+35, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 303+50 TO 305+63, LT
 STA. 306+84 TO 309+36.5, LT

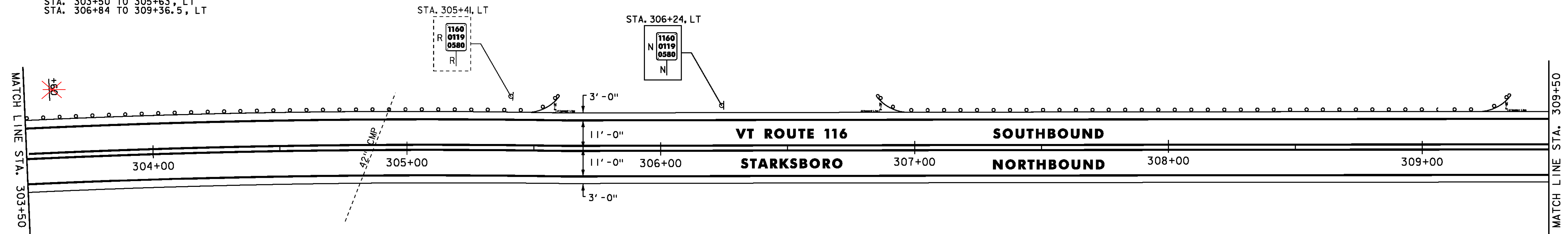
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 303+50 TO 309+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 303+50 TO 303+60, DASHED LT, SOLID RT
 STA. 303+60 TO 309+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 303+50 TO 309+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 303+50 TO 303+60, DASHED LT, SOLID RT
 STA. 303+60 TO 309+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 312+98 TO 315+50, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 312+98, RT

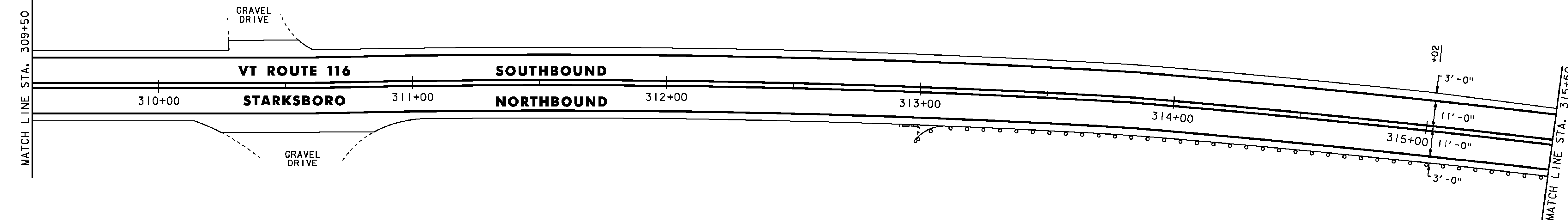
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 312+96.5 TO 315+50, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 309+50 TO 315+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 309+50 TO 315+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 309+50 TO 315+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 309+50 TO 315+50, SOLID LT & RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #22



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266122.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 42 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 315+50 TO 319+35.5, RT
 STA. 316+71 TO 319+58.5, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 316+71, LT
 STA. 319+35.5, RT
 STA. 319+58.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 315+50 TO 319+35.5, RT
 STA. 316+71 TO 319+59, LT

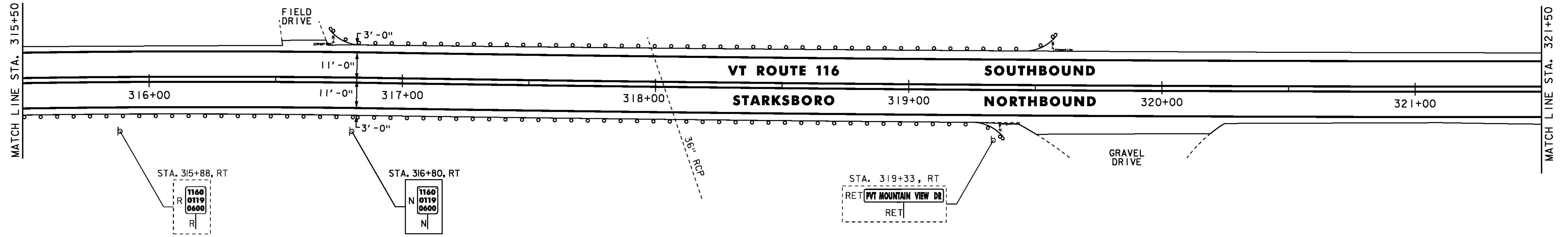
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 315+50 TO 321+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 315+50 TO 321+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 315+50 TO 321+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 315+50 TO 321+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 323+80 TO 327+50, RT
 STA. 324+34 TO 327+50, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 323+80, RT
 STA. 324+34, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 323+81 TO 327+50, RT
 STA. 324+30 TO 327+50, LT

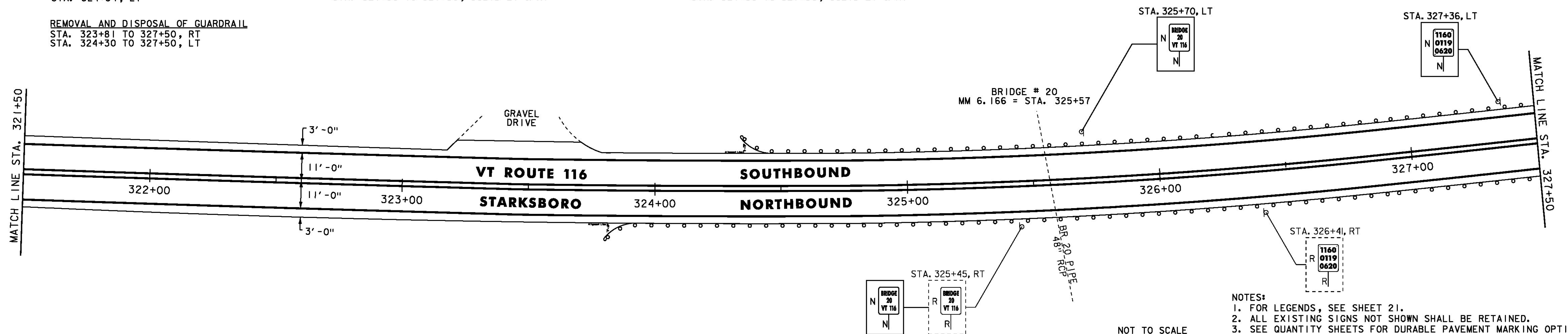
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 321+50 TO 327+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 321+50 TO 327+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 321+50 TO 327+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 321+50 TO 327+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 2



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



PROJECT LAYOUT SHEET #23

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

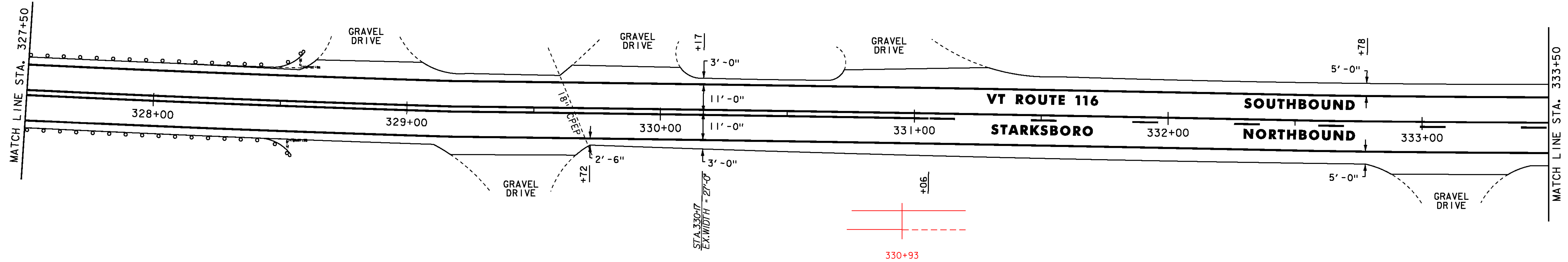
FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266I23.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 43 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 327+50 TO 328+55, RT
 STA. 327+50 TO 328+59, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 328+55, RT
 STA. 328+59, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 327+50 TO 328+56.5, RT
 STA. 327+50 TO 328+59, LT

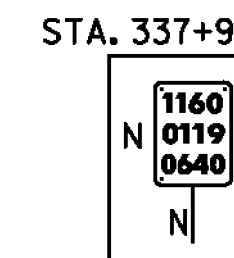
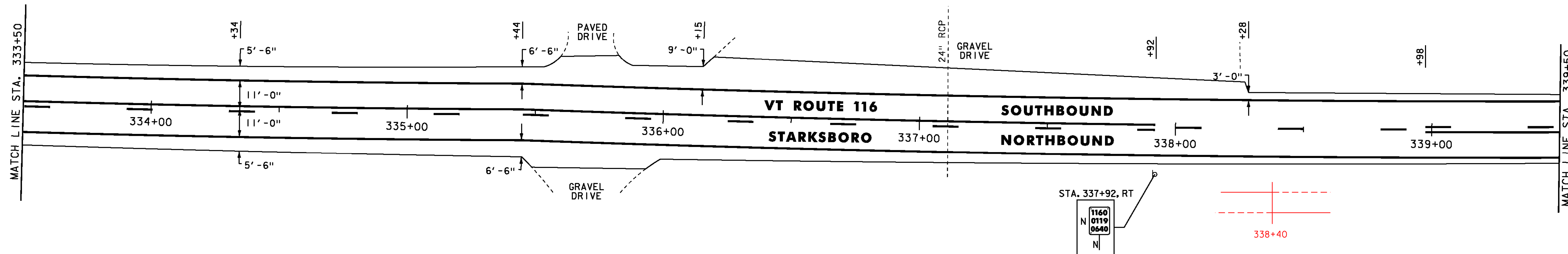
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 327+50 TO 333+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 327+50 TO 331+06, SOLID LT & RT
 STA. 331+06 TO 333+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 327+50 TO 333+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 327+50 TO 331+06, SOLID LT & RT
 STA. 331+06 TO 333+50, SOLID LT, DASHED RT



DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 333+50 TO 339+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 333+50 TO 337+92, SOLID LT, DASHED RT
 STA. 337+92 TO 338+98, DASHED C
 STA. 338+98 TO 339+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 333+50 TO 339+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 333+50 TO 337+92, SOLID LT, DASHED RT
 STA. 337+92 TO 338+98, DASHED C
 STA. 338+98 TO 339+50, DASHED LT, SOLID RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #24



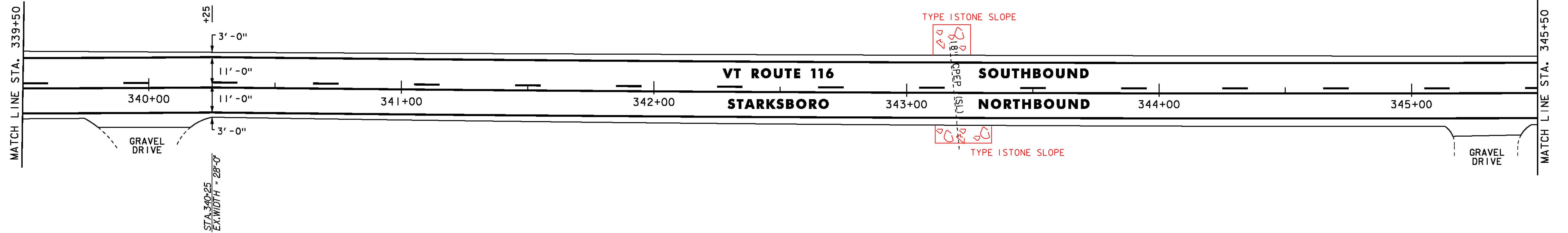
PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
DESIGNED BY: STANTEC	SHEET 44 OF 119
IPARM FILE: p10b266i24.i	

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

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

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

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



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 350+20 TO 351+45, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 350+43 TO 351+50, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 350+20, RT
 STA. 350+43, LT
 STA. 351+45, RT

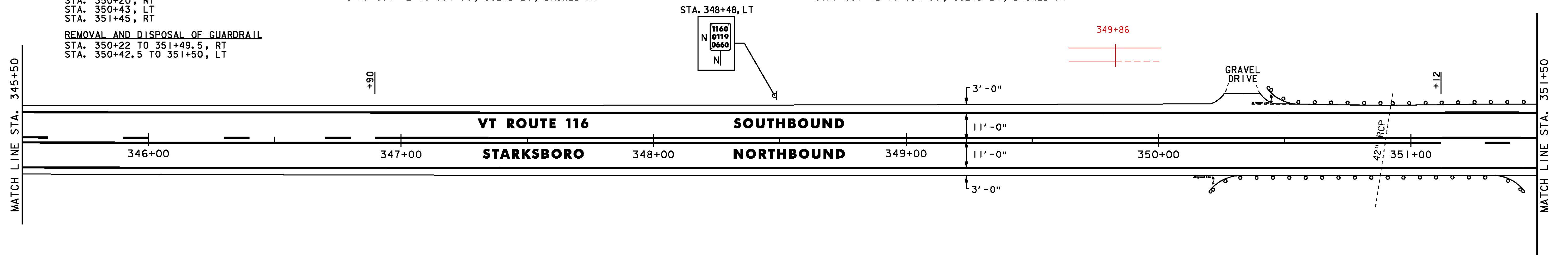
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 350+22 TO 351+49.5, RT
 STA. 350+42.5 TO 351+50, LT

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

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 345+50 TO 346+90, DASHED LT, SOLID RT
 STA. 346+90 TO 351+12, SOLID LT & RT
 STA. 351+12 TO 351+50, SOLID LT, DASHED RT

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

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 345+50 TO 346+90, DASHED LT, SOLID RT
 STA. 346+90 TO 351+12, SOLID LT & RT
 STA. 351+12 TO 351+50, SOLID LT, DASHED RT



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #25



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i25.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 45 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STARKSBORO STA. 351+50 TO HINESBURG STA. 0+02, LT

ANCHOR FOR STEEL BEAM RAIL
 HINESBURG STA. 0+02, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STARKSBORO STA. 351+50 TO HINESBURG 0+02, LT

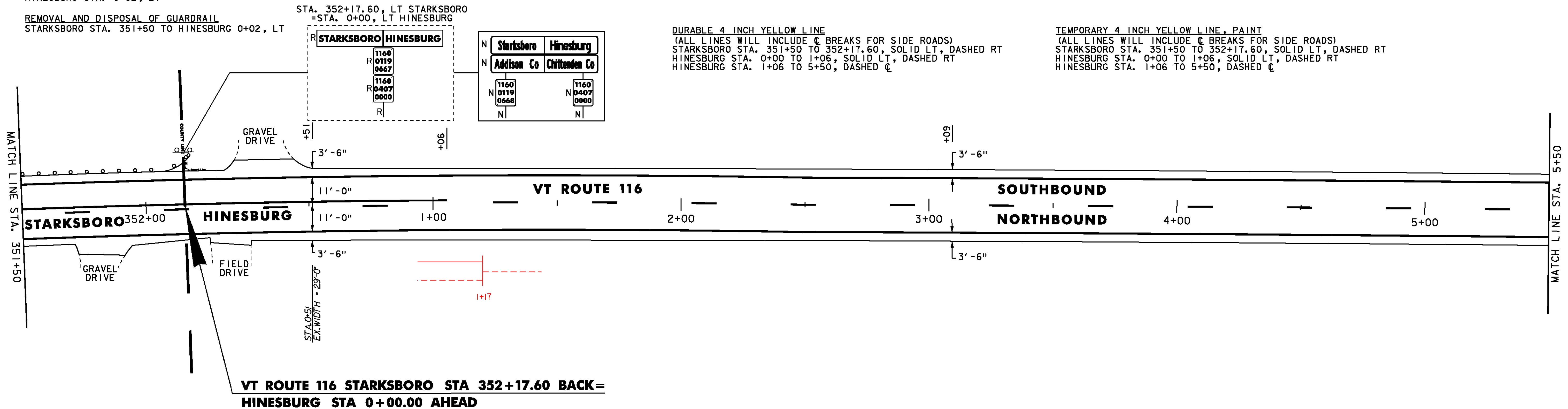
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STARKSBORO STA. 351+50 TO 352+17.60, SOLID LT & RT
 HINESBURG STA. 0+00 TO 5+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STARKSBORO STA. 351+50 TO 352+17.60, SOLID LT & RT
 HINESBURG STA. 0+00 TO 5+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STARKSBORO STA. 351+50 TO 352+17.60, SOLID LT, DASHED RT
 HINESBURG STA. 0+00 TO 1+06, SOLID LT, DASHED RT
 HINESBURG STA. 1+06 TO 5+50, DASHED C

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STARKSBORO STA. 351+50 TO 352+17.60, SOLID LT, DASHED RT
 HINESBURG STA. 0+00 TO 1+06, SOLID LT, DASHED RT
 HINESBURG STA. 1+06 TO 5+50, DASHED C



VT ROUTE 116 STARKSBORO STA 352+17.60 BACK=
 HINESBURG STA 0+00.00 AHEAD

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 7+43 TO 8+55.5, LT
 STA. 7+50 TO 8+50, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 7+43, LT
 STA. 7+50, RT
 STA. 8+50, RT
 STA. 8+55.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 7+40.5 TO 8+55.5, LT
 STA. 7+50 TO 8+52.5, RT

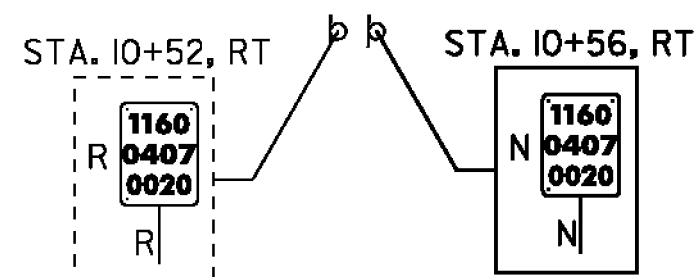
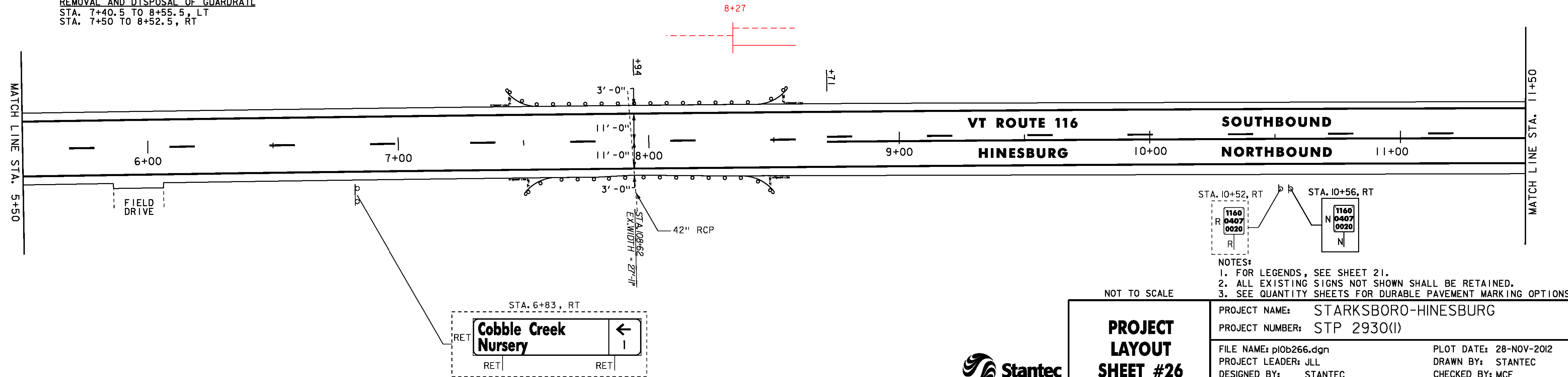
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 5+50 TO 11+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 5+50 TO 8+71, DASHED C
 STA. 8+71 TO 11+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 5+50 TO 11+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 5+50 TO 8+71, DASHED C
 STA. 8+71 TO 11+50, DASHED LT, SOLID RT

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #26	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
DESIGNED BY: STANTEC	PLOT DATE: 28-NOV-2012
IPARM FILE: p10b266I26.I	DRAWN BY: STANTEC
	CHECKED BY: MCF
	SHEET 46 OF 119



24 INCH STOP BAR
 STA. 14+87, LT (TYLER BRIDGE ROAD TH-25)

LETTER OR SYMBOL
 STA. 14+87, LT "STOP" (TYLER BRIDGE ROAD TH-25)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 11+50 TO 17+50, SOLID LT & RT
 STA. 14+87, SOLID LT (EDGE LINES, TYLER BRIDGE ROAD TH-25)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 11+50 TO 14+26, DASHED LT, SOLID RT
 STA. 14+26 TO 17+50, SOLID LT & RT
 STA. 14+87, DOUBLE SOLID LT (TYLER BRIDGE ROAD TH-25)

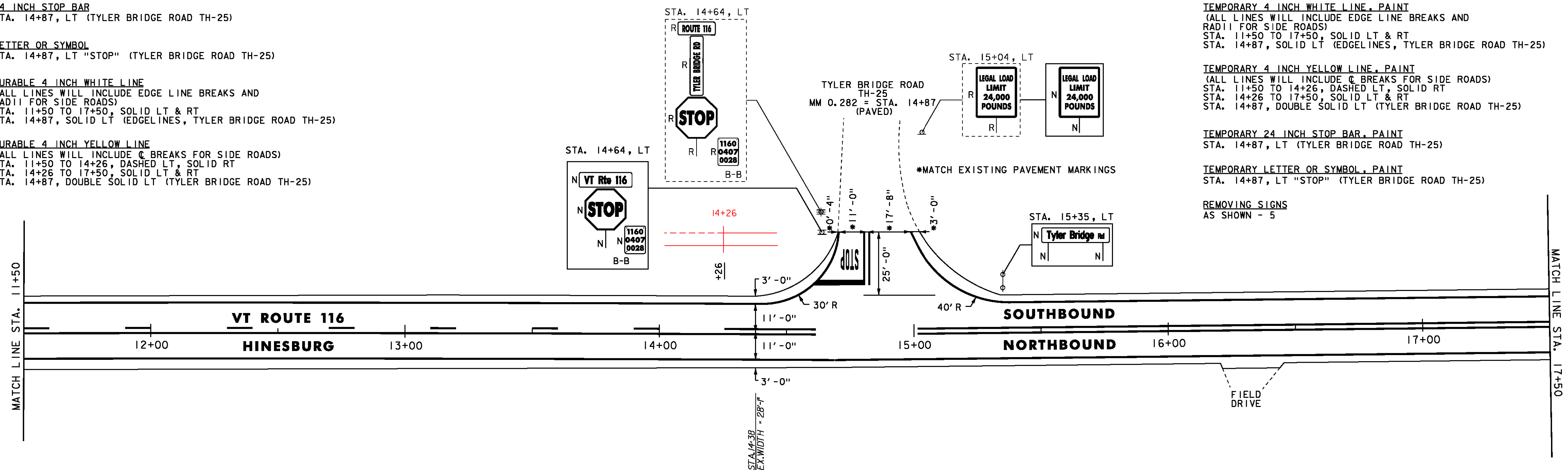
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 11+50 TO 17+50, SOLID LT & RT
 STA. 14+87, SOLID LT (EDGE LINES, TYLER BRIDGE ROAD TH-25)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 11+50 TO 14+26, DASHED LT, SOLID RT
 STA. 14+26 TO 17+50, SOLID LT & RT
 STA. 14+87, DOUBLE SOLID LT (TYLER BRIDGE ROAD TH-25)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 14+87, LT (TYLER BRIDGE ROAD TH-25)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 14+87, LT "STOP" (TYLER BRIDGE ROAD TH-25)

REMOVING SIGNS
 AS SHOWN - 5



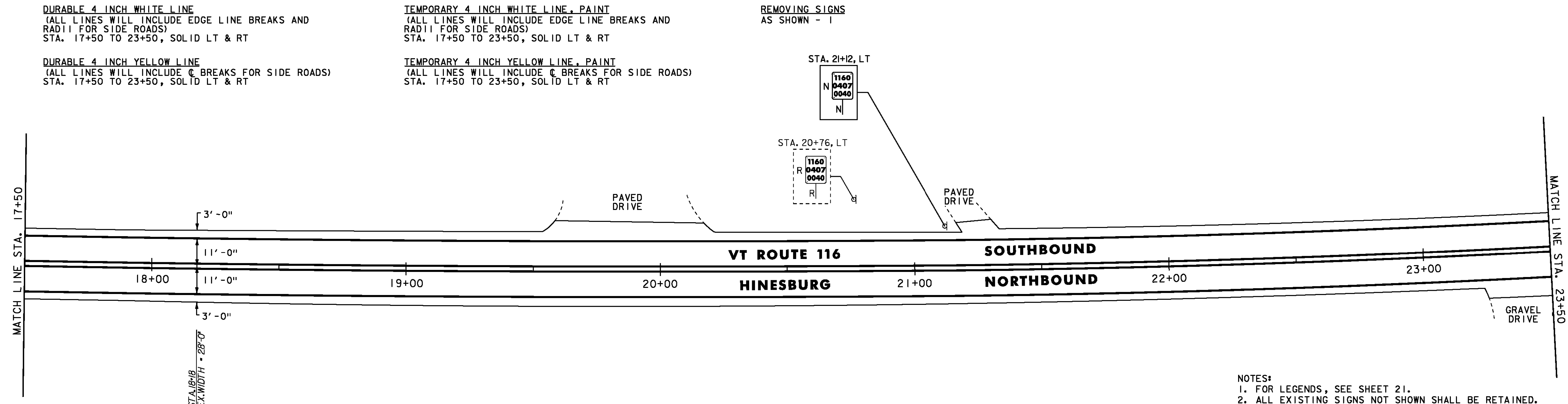
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 17+50 TO 23+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 17+50 TO 23+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 17+50 TO 23+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 17+50 TO 23+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:**
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #27



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266(1).i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 47 OF 119

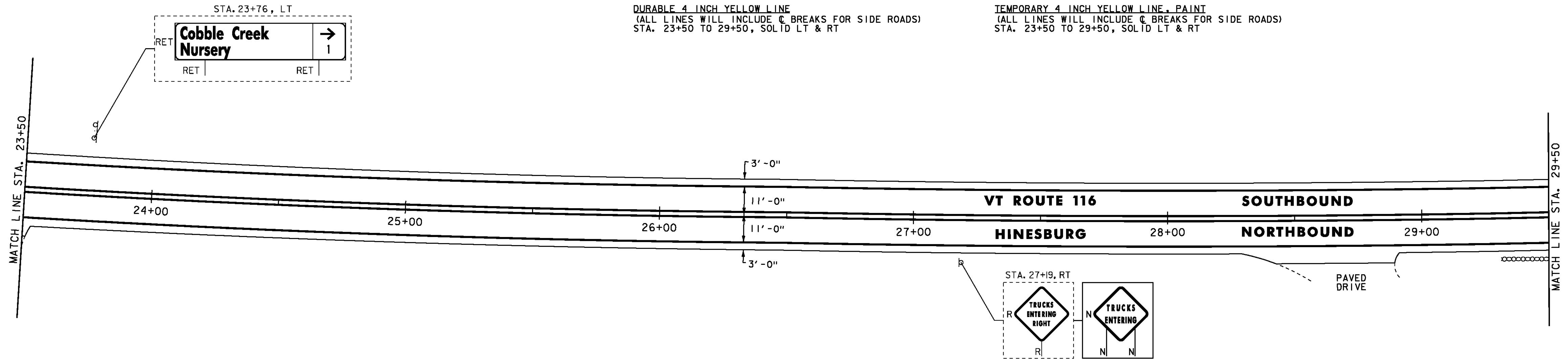
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 23+50 TO 29+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 23+50 TO 29+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 23+50 TO 29+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 23+50 TO 29+50, SOLID LT & RT



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 34+75 TO 35+50, LT
 STA. 35+05 TO 35+50, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 29+50 TO 35+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 29+50 TO 35+50, SOLID LT & RT

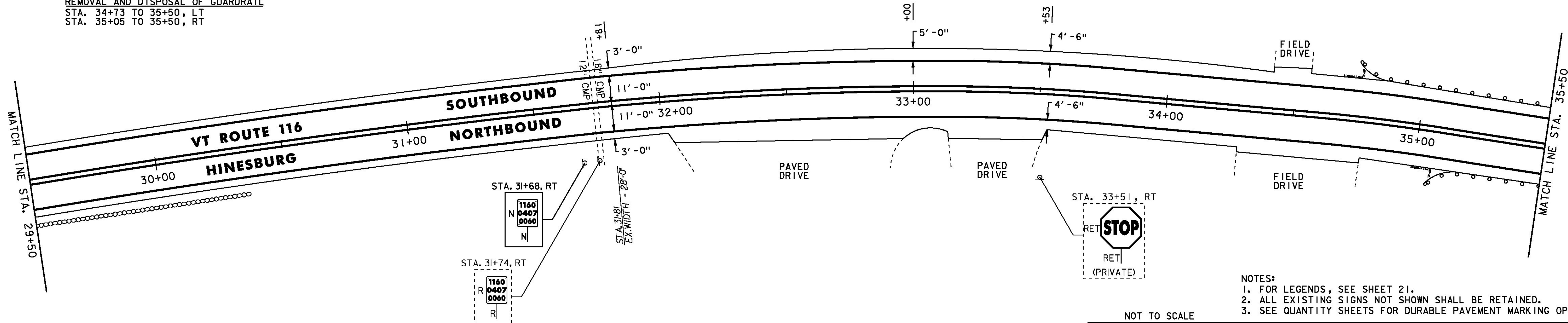
REMOVING SIGNS
 AS SHOWN - 1

ANCHOR FOR STEEL BEAM RAIL
 STA. 34+75, LT
 STA. 35+05, RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 29+50 TO 35+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 29+50 TO 35+50, SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 34+73 TO 35+50, LT
 STA. 35+05 TO 35+50, RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



PROJECT LAYOUT SHEET #28

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266I28.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 48 OF 119

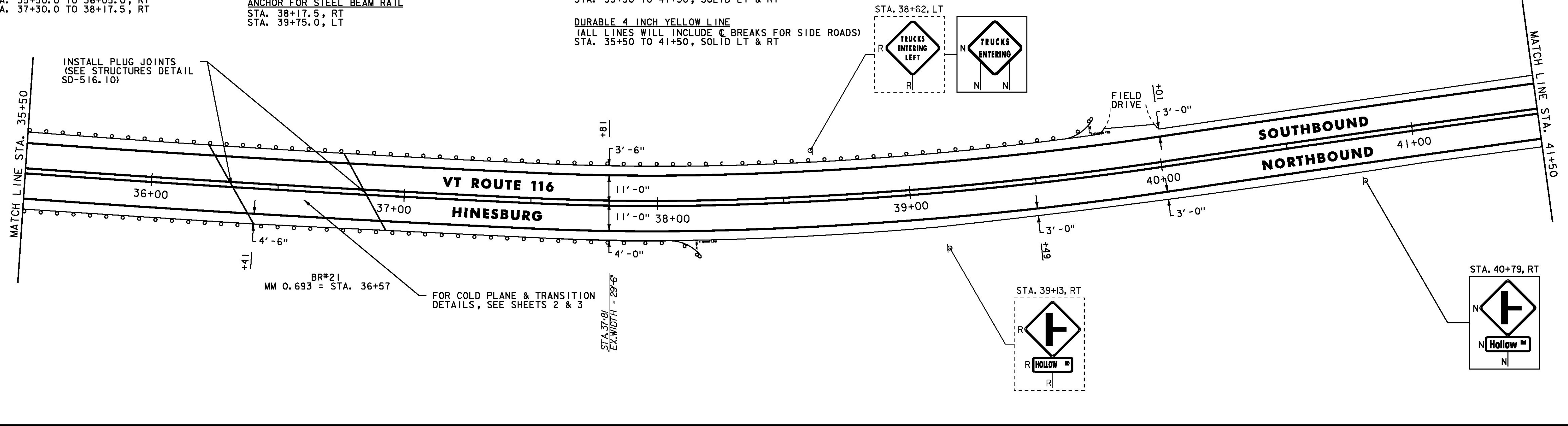
REMOVAL OF EXISTING BRIDGE RAILING
 STA. 36+12.5 TO 36+87.5, LT
 STA. 36+30.0 TO 37+05.0, RT
 BRIDGE RAILING REPAIR, TYPE I
 STA. 36+12.5 TO 36+87.5, LT
 STA. 36+30.0 TO 37+05.0, RT
 STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 35+50.0 TO 35+87.5, LT
 STA. 35+50.0 TO 36+05.0, RT
 STA. 37+30.0 TO 38+17.5, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 37+12.5 TO 39+75.0, LT
 HD STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 35+87.5 TO 36+12.5, LT
 STA. 36+05.0 TO 36+30.0, RT
 STA. 36+87.5 TO 37+12.5, LT
 STA. 37+05.0 TO 37+30.0, RT
 ANCHOR FOR STEEL BEAM RAIL
 STA. 38+17.5, RT
 STA. 39+75.0, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 35+50 TO 36+12.5, LT
 STA. 35+50 TO 36+30, RT
 STA. 36+87.5 TO 39+77, LT
 STA. 37+05 TO 38+17.5, RT
 DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 35+50 TO 41+50, SOLID LT & RT
 DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 35+50 TO 41+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 35+50 TO 41+50, SOLID LT & RT
 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 35+50 TO 41+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3

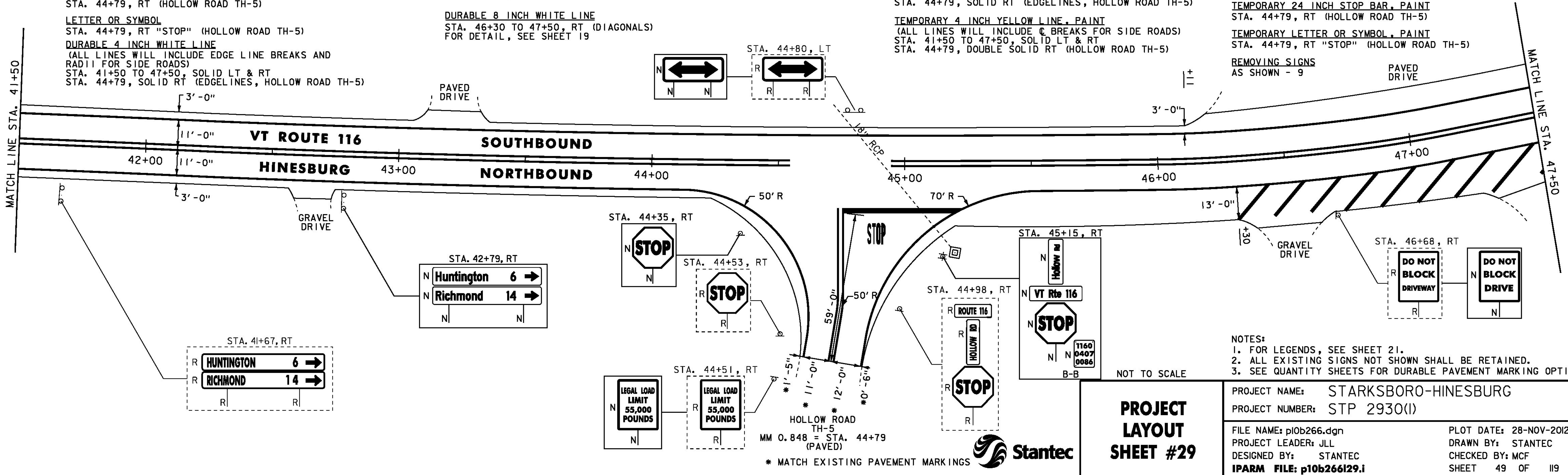


REHAB. DIS. CBS OR MHS, CLASS I OR II
 STA. 45+19, RT (THROAT D1)
 24 INCH STOP BAR
 STA. 44+79, RT (HOLLOW ROAD TH-5)
 LETTER OR SYMBOL
 STA. 44+79, RT "STOP" (HOLLOW ROAD TH-5)
 DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 41+50 TO 47+50, SOLID LT & RT
 STA. 44+79, SOLID RT (EDGELINES, HOLLOW ROAD TH-5)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 41+50 TO 47+50, SOLID LT & RT
 STA. 44+79, DOUBLE SOLID RT (HOLLOW ROAD TH-5)
 DURABLE 8 INCH WHITE LINE
 STA. 46+30 TO 47+50, RT (DIAGONALS)
 FOR DETAIL, SEE SHEET 19

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 41+50 TO 47+50, SOLID LT & RT
 STA. 44+79, SOLID RT (EDGELINES, HOLLOW ROAD TH-5)
 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 41+50 TO 47+50, SOLID LT & RT
 STA. 44+79, DOUBLE SOLID RT (HOLLOW ROAD TH-5)

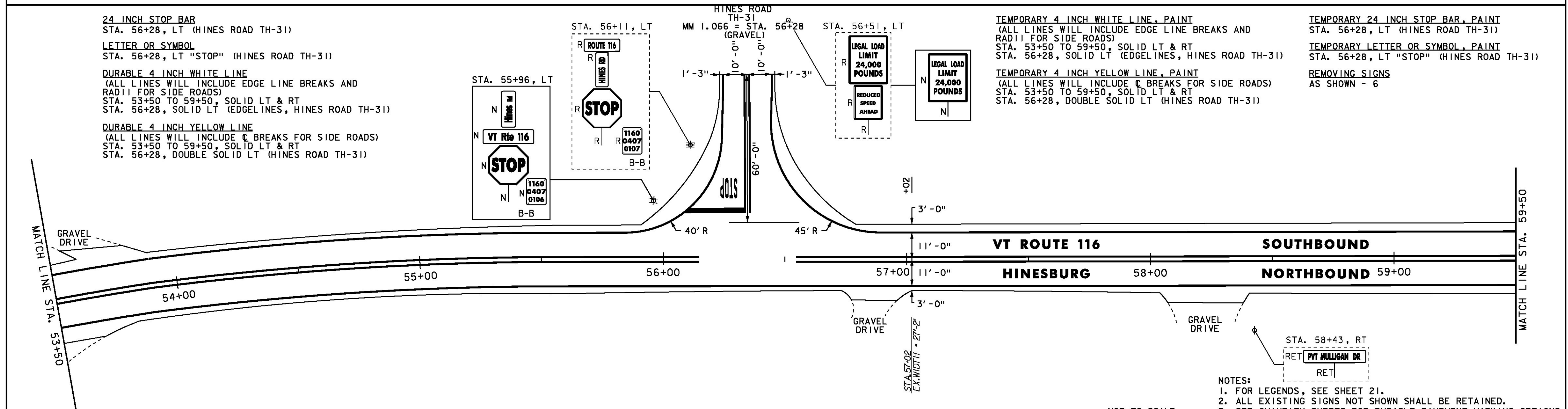
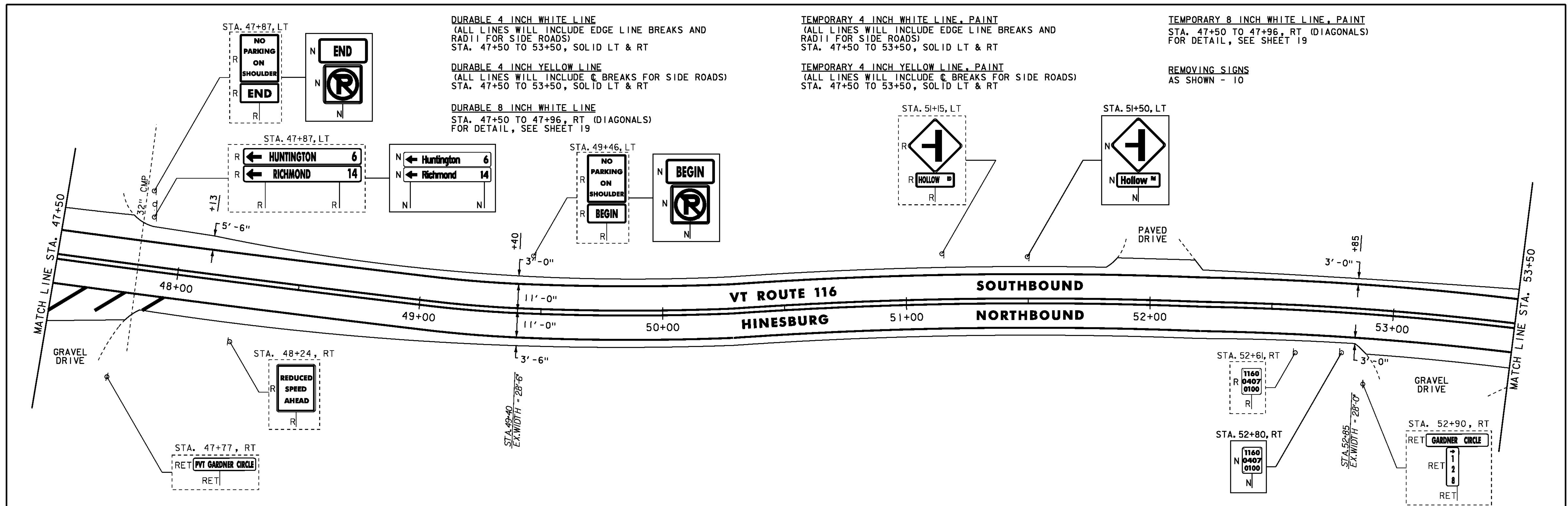
TEMPORARY 8 INCH WHITE LINE, PAINT
 STA. 46+30 TO 47+50, RT (DIAGONALS)
 FOR DETAIL, SEE SHEET 19
 TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 44+79, RT (HOLLOW ROAD TH-5)
 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 44+79, RT "STOP" (HOLLOW ROAD TH-5)
 REMOVING SIGNS
 AS SHOWN - 9



NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

PROJECT LAYOUT SHEET #29	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: pl0b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266129.i	SHEET 49 OF 119





NOT TO SCALE

PROJECT LAYOUT SHEET #30

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i30.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 50 OF 119

NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.



BITUMINOUS CONCRETE CURB, TYPE A
STA. 65+31 TO 65+50, LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 65+29, LT
FOR DETAIL, SEE SHEET 18.

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 65+00 TO 65+50, LT
STA. 65+05.5 TO 65+50, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 65+00, LT
STA. 65+05.5, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 65+05 TO 65+50, RT
STA. 65+09 TO 65+50, LT

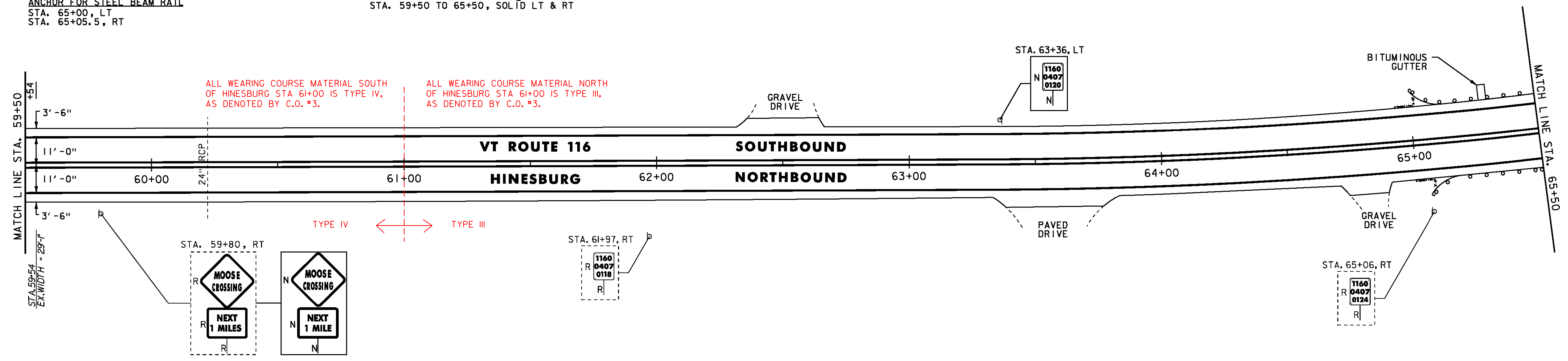
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 59+50 TO 65+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 59+50 TO 65+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 59+50 TO 65+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 59+50 TO 65+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 4



BITUMINOUS CONCRETE CURB, TYPE A
STA. 65+50 TO 67+90, LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 65+50 TO 66+43, RT
STA. 65+50 TO 68+12.5, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 66+43, RT
STA. 68+12.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 65+50 TO 66+42, RT
STA. 65+50 TO 68+15.5, LT

24 INCH STOP BAR
STA. 66+11, RT (OLD ROUTE 116 TH-35)

LETTER OR SYMBOL
STA. 66+11, RT "STOP" (OLD ROUTE 116 TH-35)

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, SOLID RT (EDGELINES, OLD ROUTE 116 TH-35)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, DOUBLE SOLID RT (OLD ROUTE 116 TH-35)

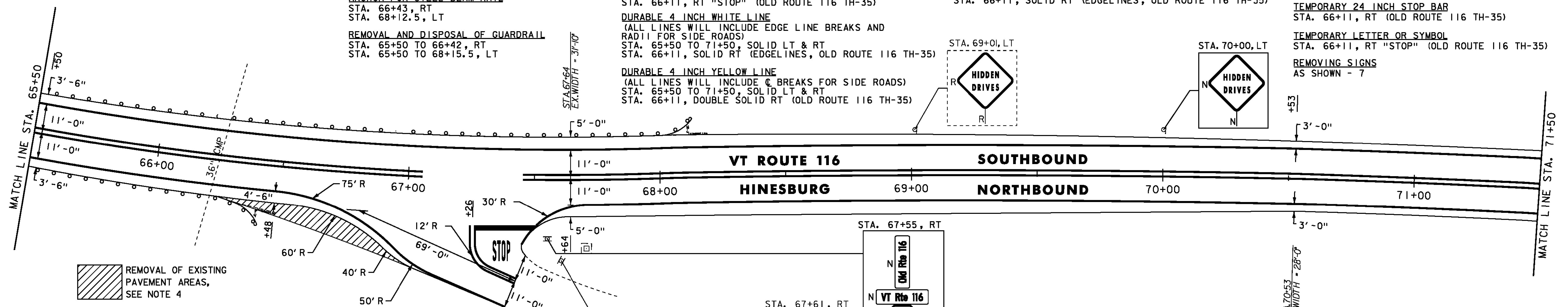
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, SOLID RT (EDGELINES, OLD ROUTE 116 TH-35)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, DOUBLE SOLID RT (OLD ROUTE 116 TH-35)

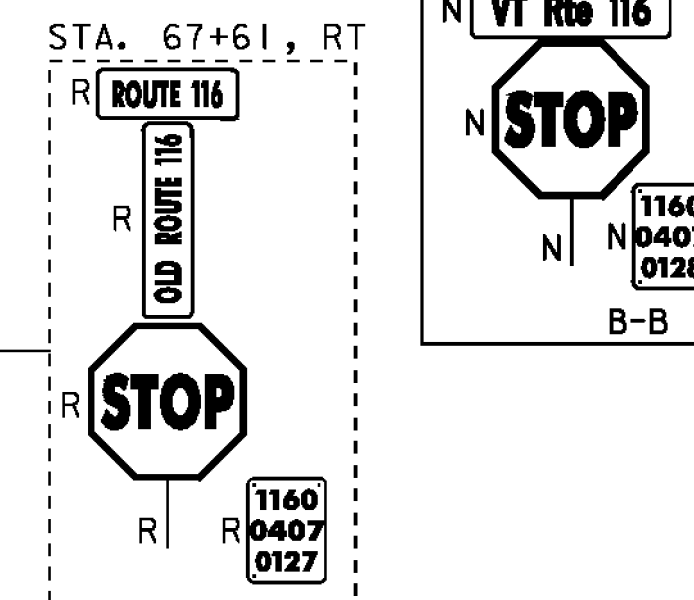
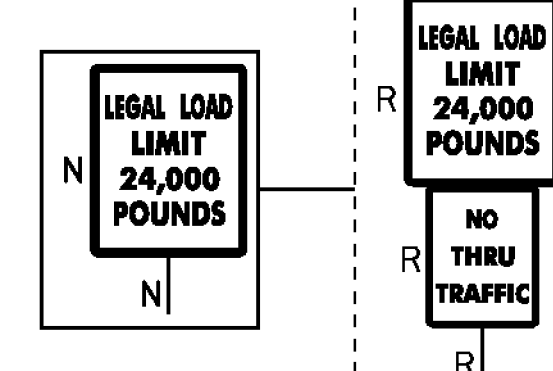
TEMPORARY 24 INCH STOP BAR
STA. 66+11, RT (OLD ROUTE 116 TH-35)

TEMPORARY LETTER OR SYMBOL
STA. 66+11, RT "STOP" (OLD ROUTE 116 TH-35)

REMOVING SIGNS
AS SHOWN - 7



- NOTES:**
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 - REMOVE 4 INCHES OF EXISTING PAVEMENT AS SHOWN. PAYMENT TO BE MADE UNDER ITEM 203.15 - COMMON EXCAVATION. IF LESS THAN 4 INCHES OF PAVEMENT IS ENCOUNTERED, REMOVAL OF SUBBASE SHALL BE PAID UNDER ITEM 203.15 - COMMON EXCAVATION. REPLACE WITH 4 INCHES OF ITEM 651.35 - TOPSOIL, 651.15 - SEED, 651.18 - FERTILIZER, 651.20 - AGRICULTURAL LIMESTONE AND 653.20 - TEMPORARY EROSION MATTING. ESTIMATED QUANTITIES OF ALL THESE ITEMS HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.



NOT TO SCALE
PROJECT LAYOUT SHEET #31



PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 51 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266131.i	

STONE FILL, TYPE I
STA. 76+75 TO 76+81, LT

BITUMINOUS CONCRETE CURB, TYPE A
STA. 76+80 TO 77+13, LT
STA. 77+05.5 TO 77+50, RT
STA. 77+18 TO 77+50, LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
STA. 77+03.5, RT
STA. 77+15, LT
FOR DETAIL, SEE SHEET 18.

STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 76+70 TO 77+50, LT
STA. 76+86.5 TO 77+50, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 76+70, LT
STA. 76+86.5, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 76+69 TO 77+50, LT
STA. 76+86.5 TO 77+50, RT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 71+50 TO 77+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 71+50 TO 73+71, SOLID LT & RT
STA. 73+71 TO 77+50, SOLID LT, DASHED RT

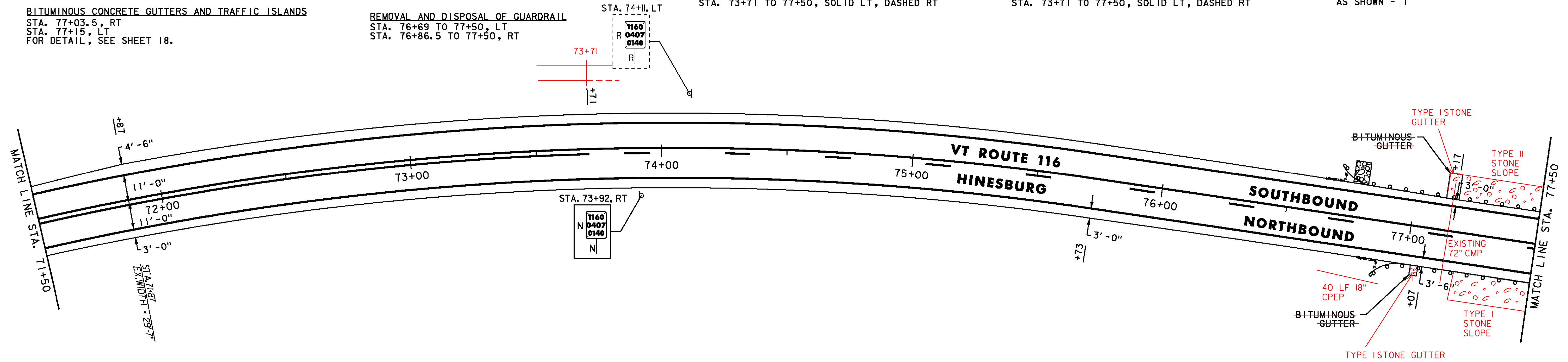
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 71+50 TO 77+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 71+50 TO 73+71, SOLID LT & RT
STA. 73+71 TO 77+50, SOLID LT, DASHED RT

GEOTEXTILE UNDER STONE FILL
STA. 76+75 TO 76+81, LT

GRUBBING MATERIAL
STA. 76+75 TO 76+81, LT

REMOVING SIGNS
AS SHOWN - 1



BITUMINOUS CONCRETE CURB, TYPE A
STA. 77+50 TO 79+65.5, RT
STA. 77+50 TO 79+96, LT

STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 77+50 TO 79+74, RT
STA. 77+50 TO 80+07.5, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 79+74, RT
STA. 80+07.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 77+50 TO 79+76.5, RT
STA. 77+50 TO 80+09, LT

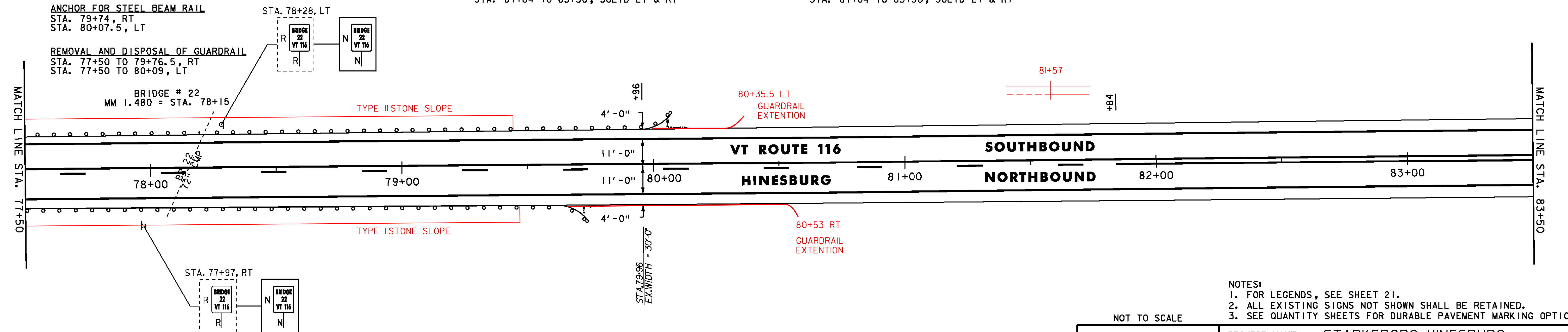
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 77+50 TO 83+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 77+50 TO 81+84, SOLID LT, DASHED RT
STA. 81+84 TO 83+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 77+50 TO 83+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 77+50 TO 81+84, SOLID LT, DASHED RT
STA. 81+84 TO 83+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
LAYOUT
SHEET #32**



PROJECT NAME: STARKSBORO-HINESBURG

PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn

PROJECT LEADER: JLL

DESIGNED BY: STANTEC

IPARM FILE: p10b266i32.i

PLOT DATE: 28-NOV-2012

DRAWN BY: STANTEC

CHECKED BY: MCF

SHEET 52 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 83+79 TO 88+79, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 83+79, LT
STA. 88+79, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 83+78.5 TO 88+80, LT

24 INCH STOP BAR
STA. 88+32, RT (OLD ROUTE 116 TH-35)

LETTER OR SYMBOL
STA. 88+32, RT "STOP" (OLD ROUTE 116 TH-35)

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 83+50 TO 89+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 83+50 TO 89+50, SOLID LT & RT
STA. 88+32, DOUBLE SOLID RT (OLD ROUTE 116 TH-35)

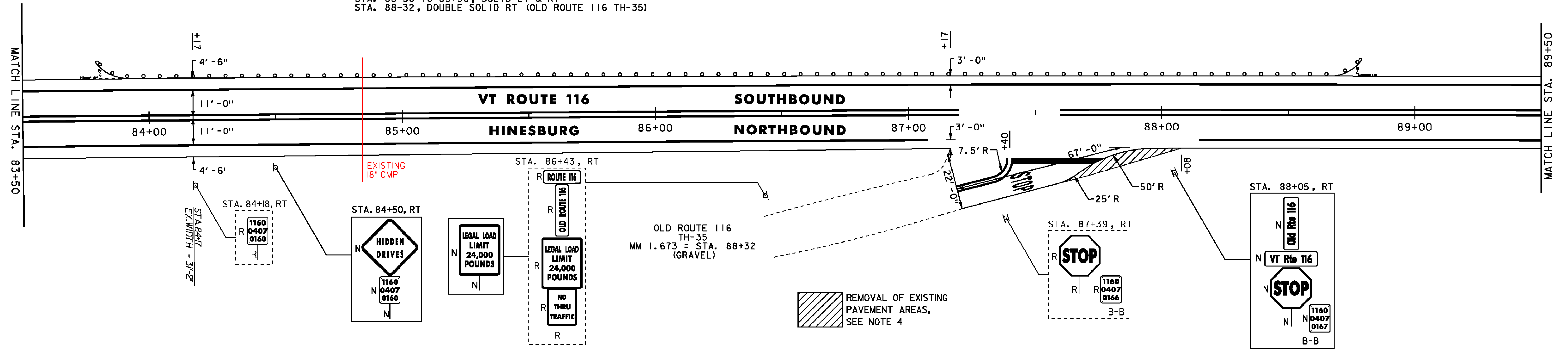
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 83+50 TO 89+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 83+50 TO 89+50, SOLID LT & RT
STA. 88+32, DOUBLE SOLID RT (OLD ROUTE 116 TH-35)

TEMPORARY 24 INCH STOP BAR
STA. 88+32, RT (OLD ROUTE 116 TH-35)

TEMPORARY LETTER OR SYMBOL
STA. 88+32, RT "STOP" (OLD ROUTE 116 TH-35)

REMOVING SIGNS
AS SHOWN - 7



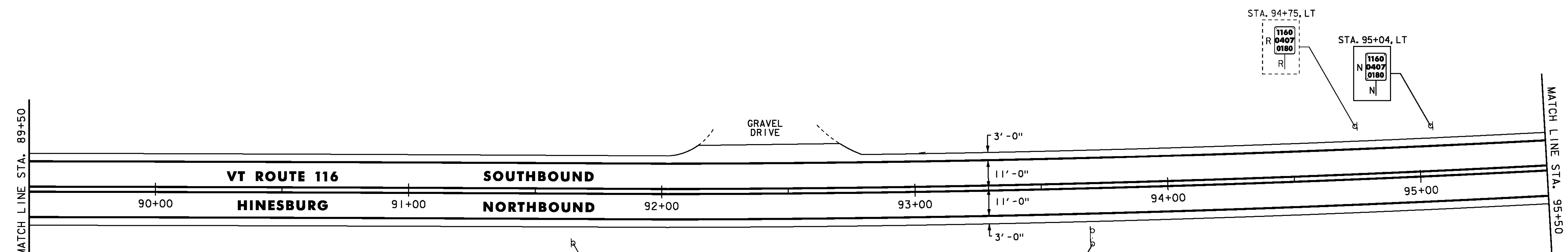
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

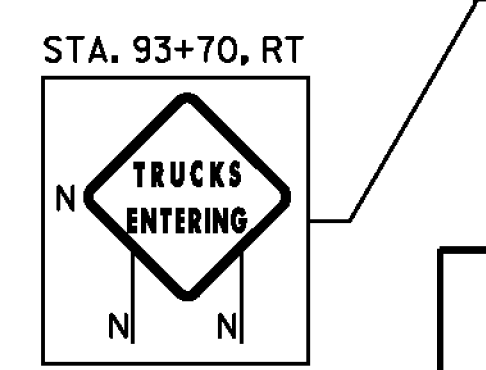
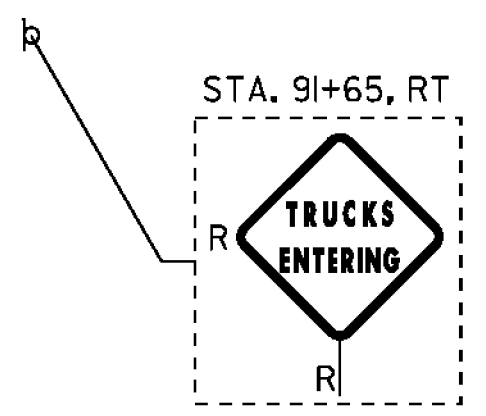
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 - REMOVE 4 INCHES OF EXISTING PAVEMENT AS SHOWN. PAYMENT TO BE MADE UNDER ITEM 203.15 - COMMON EXCAVATION. IF LESS THAN 4 INCHES OF PAVEMENT IS ENCOUNTERED, REMOVAL OF SUBBASE SHALL BE PAID UNDER ITEM 203.15 - COMMON EXCAVATION. REPLACE WITH 4 INCHES OF ITEM 651.35 - TOPSOIL, 651.15 - SEED, 651.18 - FERTILIZER, 651.20 - AGRICULTURAL LIMESTONE AND 653.20 - TEMPORARY EROSION MATTING. ESTIMATED QUANTITIES OF ALL THESE ITEMS HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.



NOT TO SCALE

PROJECT LAYOUT SHEET #33



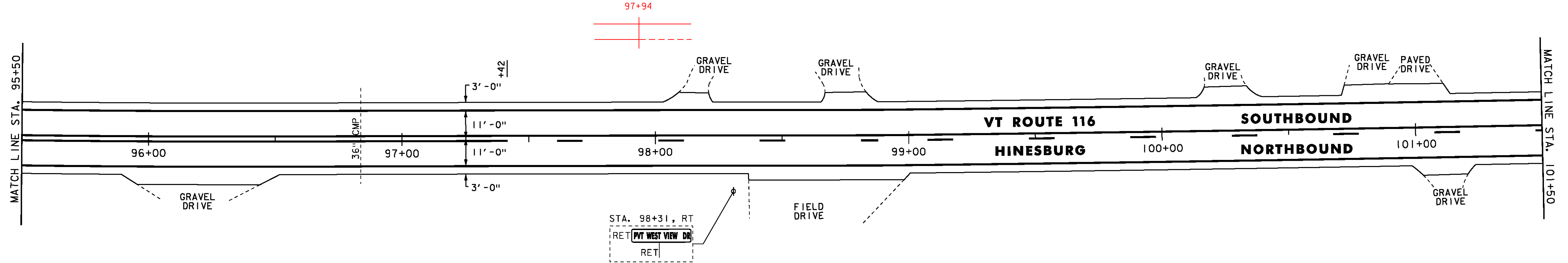
PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266133.i	SHEET 53 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 95+50 TO 101+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 95+50 TO 101+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 95+50 TO 97+42, SOLID LT & RT
 STA. 97+42 TO 101+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 95+50 TO 97+42, SOLID LT & RT
 STA. 97+42 TO 101+50, SOLID LT, DASHED RT



STONE FILL, TYPE I
 STA. 105+86 TO 105+92, LT
 STA. 107+46 TO 107+50, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 101+50 TO 107+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 101+50 TO 107+50, SOLID LT & RT

GEOTEXTILE UNDER STONE FILL
 STA. 105+86 TO 105+92, LT
 STA. 107+46 TO 107+50, LT

REMOVING SIGNS
 AS SHOWN - 1

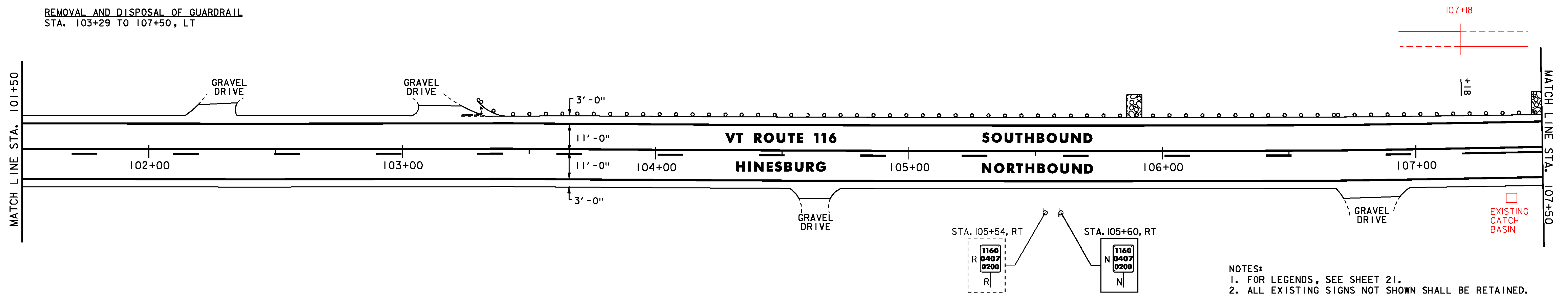
**STEEL BEAM GUARDRAIL, GALVANIZED
 W/8 FEET POSTS**
 STA. 103+29.5 TO 107+50, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 103+29.5, LT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 101+50 TO 107+18, SOLID LT, DASHED RT
 STA. 107+18 TO 107+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 101+50 TO 107+18, SOLID LT, DASHED RT
 STA. 107+18 TO 107+50, SOLID LT & RT

GRUBBING MATERIAL
 STA. 105+86 TO 105+92, LT
 STA. 107+46 TO 107+50, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 103+29 TO 107+50, LT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #34**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
 PROJECT LEADER: JLL DRAWN BY: STANTEC
 DESIGNED BY: STANTEC CHECKED BY: MCF
 IPARM FILE: p10b266i34.i SHEET 54 OF 119

STONE FILL, TYPE I
 STA. 107+50 TO 107+52, LT
 STA. 107+73 TO 107+79, LT
 STA. 107+85 TO 107+98, LT
 STA. 108+45 TO 108+55, LT
 STA. 109+49 TO 109+58, LT
 STA. 109+88 TO 109+97, LT
 STA. 110+26 TO 110+32, LT

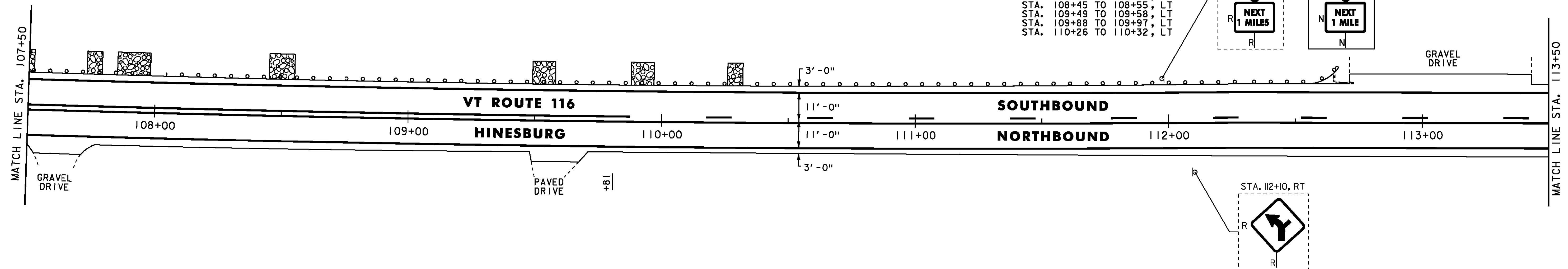
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 107+50 TO 112+67, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 112+67, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 107+50 TO 112+67, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
 STA. 107+50 TO 113+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 107+50 TO 109+81, SOLID LT & RT
 STA. 109+81 TO 113+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
 STA. 107+50 TO 113+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 107+50 TO 109+81, SOLID LT & RT
 STA. 109+81 TO 113+50, DASHED LT, SOLID RT

GEOTEXTILE UNDER STONE FILL
 STA. 107+50 TO 107+52, LT
 STA. 107+73 TO 107+79, LT
 STA. 107+85 TO 107+98, LT
 STA. 108+45 TO 108+55, LT
 STA. 109+49 TO 109+58, LT
 STA. 109+88 TO 109+97, LT
 STA. 110+26 TO 110+32, LT
GRUBBING MATERIAL
 STA. 107+50 TO 107+52, LT
 STA. 107+73 TO 107+79, LT
 STA. 107+85 TO 107+98, LT
 STA. 108+45 TO 108+55, LT
 STA. 109+49 TO 109+58, LT
 STA. 109+88 TO 109+97, LT
 STA. 110+26 TO 110+32, LT

REMOVING SIGNS
 AS SHOWN - 3



THINNING AND TRIMMING FOR SIGNS
 STA. 118+50, RT
 FOR DETAIL, SEE SHEET 19.

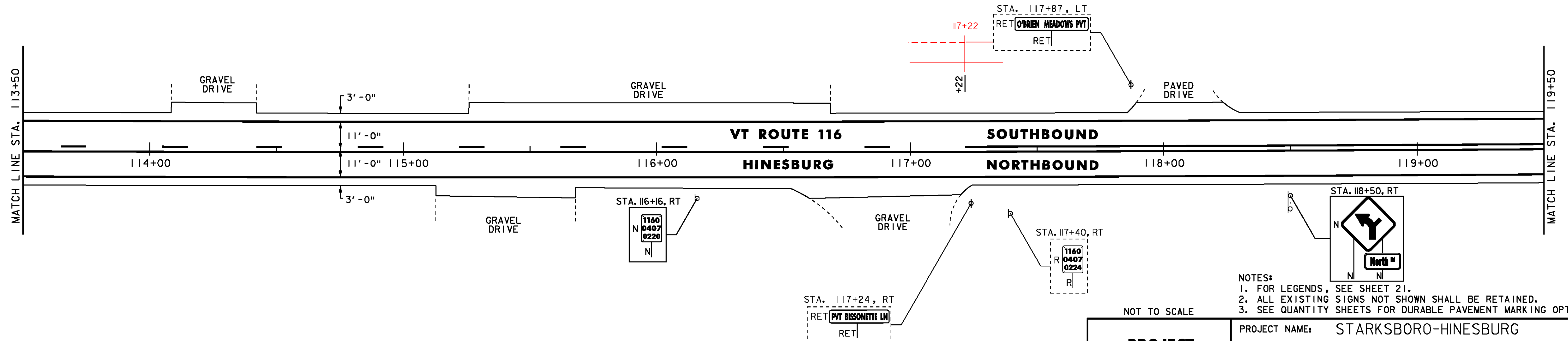
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
 STA. 113+50 TO 119+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI1 FOR SIDE ROADS)
 STA. 113+50 TO 119+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 113+50 TO 117+22, DASHED LT, SOLID RT
 STA. 117+22 TO 119+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 113+50 TO 117+22, DASHED LT, SOLID RT
 STA. 117+22 TO 119+50, SOLID LT & RT



- NOTES:**
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #35

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i35.i
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 55 OF 119

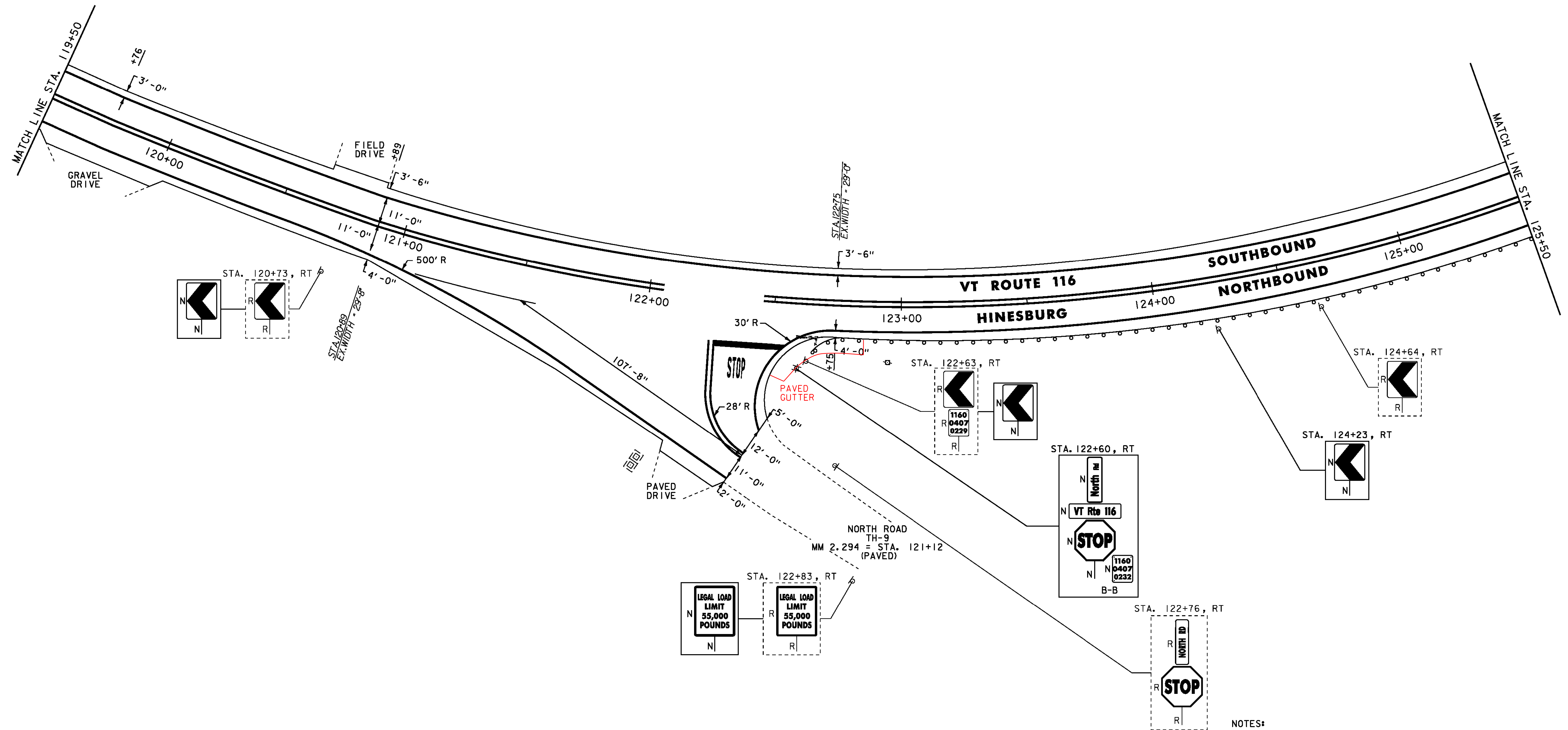


STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 122+65 TO 125+50, RT
 ANCHOR FOR STEEL BEAM RAIL
 STA. 122+65, RT
 REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 122+65 TO 125+50, RT

24 INCH STOP BAR
 STA. 121+12, RT (NORTH ROAD TH-9)
 LETTER OR SYMBOL
 STA. 121+12, RT "STOP" (NORTH ROAD TH-9)
 DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 119+50 TO 125+50, SOLID LT & RT
 STA. 121+12, SOLID RT (EDGELINES, NORTH ROAD TH-9)
 DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 119+50 TO 125+50, SOLID LT & RT
 STA. 121+12, DOUBLE SOLID RT (NORTH ROAD TH-9)

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI FOR SIDE ROADS)
 STA. 119+50 TO 125+50, SOLID LT & RT
 STA. 121+12, SOLID RT (EDGELINES, NORTH ROAD TH-9)
 TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 119+50 TO 125+50, SOLID LT & RT
 STA. 121+12, DOUBLE SOLID RT (NORTH ROAD TH-9)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 121+12, RT (NORTH ROAD TH-9)
 TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 121+12, RT "STOP" (NORTH ROAD TH-9)
 REMOVING SIGNS
 AS SHOWN - 7



NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

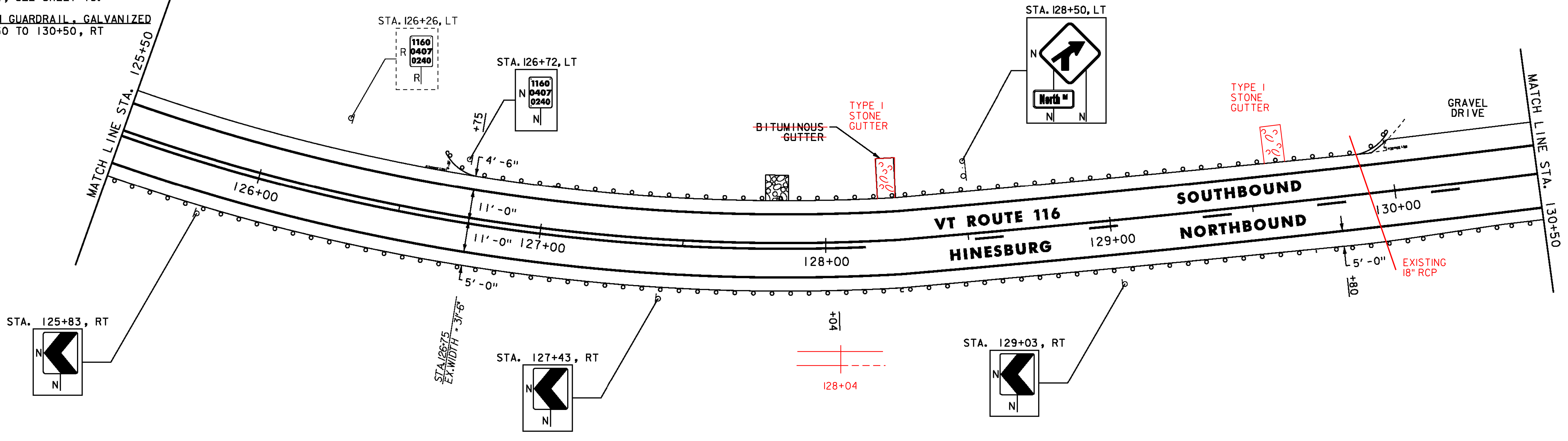
NOT TO SCALE

PROJECT LAYOUT SHEET #36

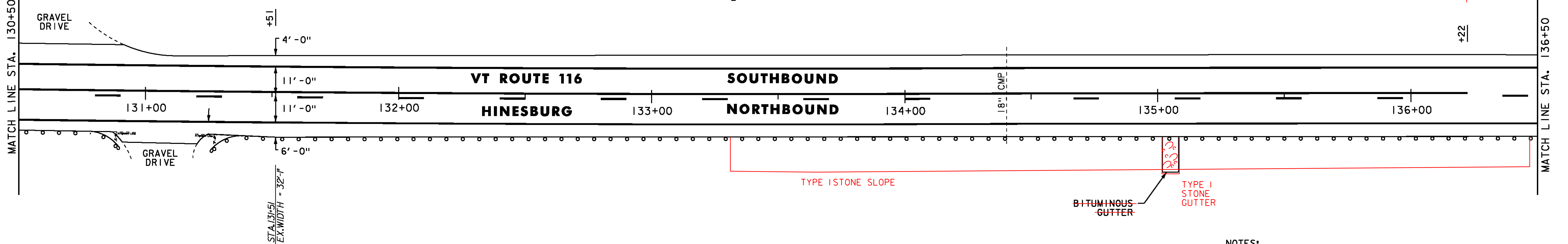


PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 56 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266136.i	

<p>STONE FILL, TYPE I STA. 127+79 TO 127+87, LT</p> <p>BITUMINOUS CONCRETE CURB, TYPE A STA. 126+93 TO 128+19, LT STA. 128+25 TO 129+44, LT</p> <p>BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS STA. 128+22, LT FOR DETAIL, SEE SHEET 18.</p> <p>STEEL BEAM GUARDRAIL, GALVANIZED STA. 125+50 TO 130+50, RT</p>	<p>STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS STA. 126+62.5 TO 130+00, LT</p> <p>ANCHOR FOR STEEL BEAM RAIL STA. 126+62.5, LT STA. 130+00, LT</p> <p>REMOVAL AND DISPOSAL OF GUARDRAIL STA. 125+50 TO 130+50, RT STA. 126+66 TO 130+00, LT</p>	<p>DURABLE 4 INCH WHITE LINE (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS) STA. 125+50 TO 130+50, SOLID LT & RT</p> <p>DURABLE 4 INCH YELLOW LINE (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS) STA. 125+50 TO 128+04, SOLID LT & RT STA. 128+04 TO 130+50, SOLID LT, DASHED RT</p>	<p>TEMPORARY 4 INCH WHITE LINE, PAINT (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS) STA. 125+50 TO 130+50, SOLID LT & RT</p> <p>TEMPORARY 4 INCH YELLOW LINE, PAINT (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS) STA. 125+50 TO 128+04, SOLID LT & RT STA. 128+04 TO 130+50, SOLID LT, DASHED RT</p>	<p>GEOTEXTILE UNDER STONE FILL STA. 127+79 TO 127+87, LT</p> <p>GRUBBING MATERIAL STA. 127+79 TO 127+87, LT</p> <p>REMOVING SIGNS AS SHOWN - 1</p>
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<p>BITUMINOUS CONCRETE CURB, TYPE A STA. 133+38.5 TO 135+01.5, RT STA. 135+08.5 TO 136+50, RT</p> <p>BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS STA. 135+05, RT FOR DETAIL, SEE SHEET 18.</p>	<p>STEEL BEAM GUARDRAIL, GALVANIZED STA. 130+50 TO 130+90, RT STA. 131+25.5 TO 133+38, RT</p> <p>STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS STA. 133+38 TO 136+50, RT</p> <p>ANCHOR FOR STEEL BEAM RAIL STA. 130+90, RT STA. 131+25.5, RT</p>	<p>REMOVAL AND DISPOSAL OF GUARDRAIL STA. 130+50 TO 130+87, RT STA. 131+26 TO 136+50, RT</p> <p>DURABLE 4 INCH WHITE LINE (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS) STA. 130+50 TO 136+50, SOLID LT & RT</p> <p>DURABLE 4 INCH YELLOW LINE (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS) STA. 130+50 TO 136+22, SOLID LT, DASHED RT STA. 136+22 TO 136+50, DASHED C</p>	<p>TEMPORARY 4 INCH WHITE LINE, PAINT (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS) STA. 130+50 TO 136+50, SOLID LT & RT</p> <p>TEMPORARY 4 INCH YELLOW LINE, PAINT (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS) STA. 130+50 TO 136+22, SOLID LT, DASHED RT STA. 136+22 TO 136+50, DASHED C</p>
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NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

<p>NOT TO SCALE</p> <p>PROJECT LAYOUT SHEET #37</p>	<p>PROJECT NAME: STARKSBORO-HINESBURG</p> <p>PROJECT NUMBER: STP 2930(I)</p>
	<p>FILE NAME: p10b266.dgn</p> <p>PROJECT LEADER: JLL</p> <p>DESIGNED BY: STANTEC</p> <p>IPARM FILE: p10b266137.i</p>



PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 57 OF 119

BITUMINOUS CONCRETE CURB, TYPE A
 STA. 136+50 TO 137+33.5, RT
 STA. 137+40 TO 140+02.5, RT
 STA. 140+08.5 TO 142+50, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 136+50 TO 142+50, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 136+50 TO 142+50, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 136+50 TO 142+50, SOLID LT & RT

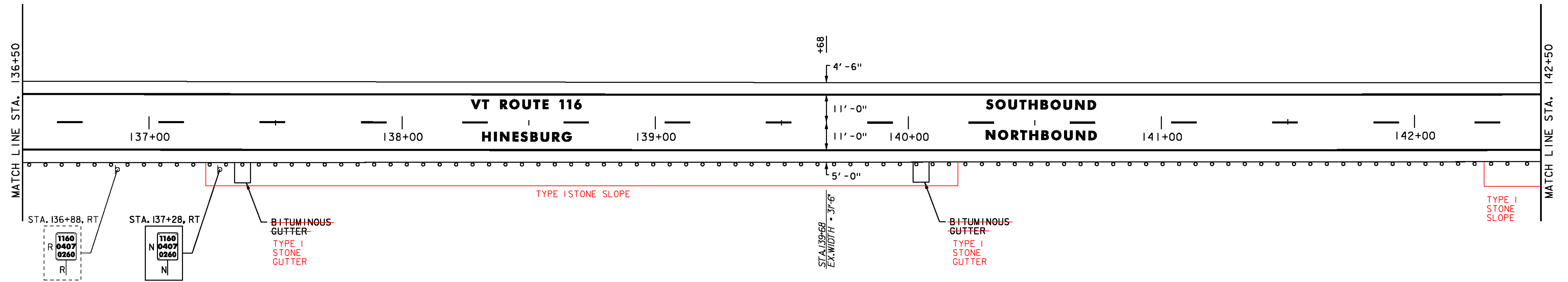
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 136+50 TO 142+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
 STA. 137+37, RT
 STA. 140+05, RT
 FOR DETAIL, SEE SHEET 18.

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 136+50 TO 142+50, DASHED C

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 136+50 TO 142+50, DASHED C



STONE FILL, TYPE J
 STA. 143+74 TO 143+80, RT
 STA. 144+37 TO 144+43, RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 142+50 TO 144+50.5, RT
 STA. 144+33.5 TO 145+33.5, LT
 STA. 147+90 TO 148+50, LT
 STA. 147+95 TO 148+50, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 142+50 TO 148+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 142+50 TO 148+50, SOLID LT & RT

GEOTEXTILE UNDER STONE FILL
 STA. 143+74 TO 143+80, RT
 STA. 144+37 TO 144+43, RT

REMOVING SIGNS
 AS SHOWN - 2

BITUMINOUS CONCRETE CURB, TYPE A
 STA. 142+50 TO 144+02.5, RT

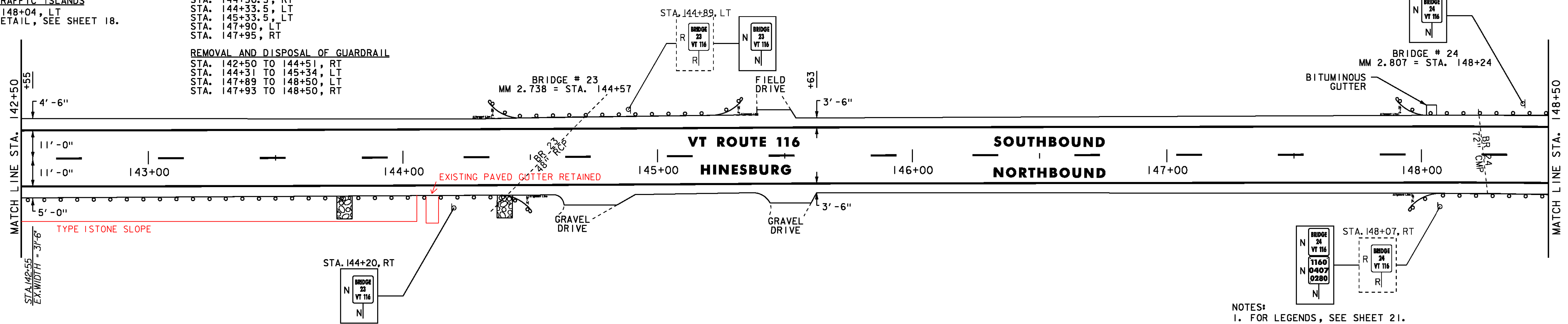
ANCHOR FOR STEEL BEAM RAIL
 STA. 144+50.5, RT
 STA. 144+33.5, LT
 STA. 145+33.5, LT
 STA. 147+90, LT
 STA. 147+95, RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 142+50 TO 148+50, DASHED C

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 142+50 TO 148+50, DASHED C

GRUBBING MATERIAL
 STA. 143+74 TO 143+80, RT
 STA. 144+37 TO 144+43, RT

STA. 148+40, LT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #38	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266i38.i	SHEET 58 OF 119



STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 148+50 TO 148+65, LT
 STA. 148+50 TO 148+95, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 148+65, LT
 STA. 148+95, RT

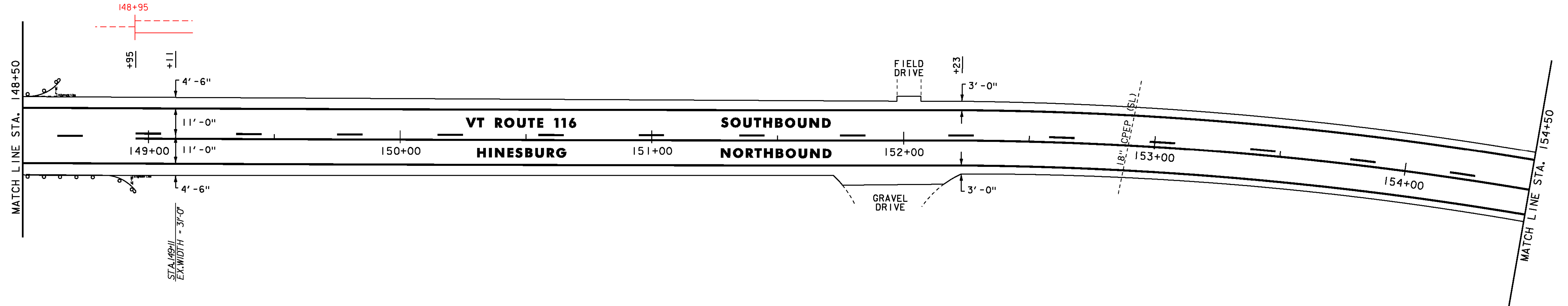
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 148+50 TO 148+67, LT
 STA. 148+50 TO 148+96, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 148+50 TO 154+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 148+50 TO 148+95, DASHED C
 STA. 148+95 TO 154+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 148+50 TO 154+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 148+50 TO 148+95, DASHED C
 STA. 148+95 TO 154+50, DASHED LT, SOLID RT



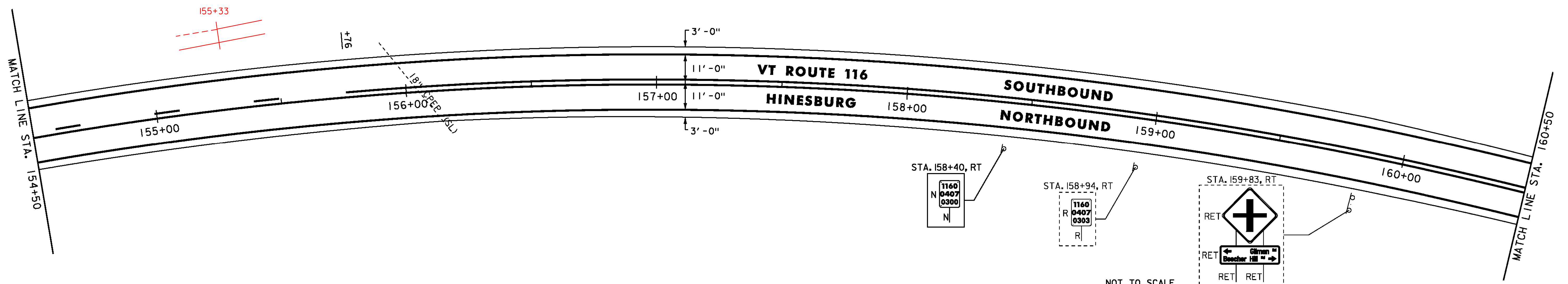
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 154+50 TO 160+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 154+50 TO 155+76, DASHED LT, SOLID RT
 STA. 155+76 TO 160+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 154+50 TO 160+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 154+50 TO 155+76, DASHED LT, SOLID RT
 STA. 155+76 TO 160+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



NOT TO SCALE

- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.



**PROJECT
 LAYOUT
 SHEET #39**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i39.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 59 OF 119

24 INCH STOP BAR
 STA. 164+31, LT (GILMAN ROAD TH-30)
 STA. 164+38, RT (BEECHER HILL ROAD TH-36)

LETTER OR SYMBOL
 STA. 164+31, LT "STOP" (GILMAN ROAD TH-30)
 STA. 164+38, RT "STOP" (BEECHER HILL ROAD TH-36)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR SIDE ROADS)
 STA. 160+50 TO 166+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 160+50 TO 166+50, SOLID LT & RT
 STA. 164+31, DOUBLE SOLID LT (GILMAN ROAD TH-30)
 STA. 164+38, DOUBLE SOLID RT (BEECHER HILL ROAD TH-36)

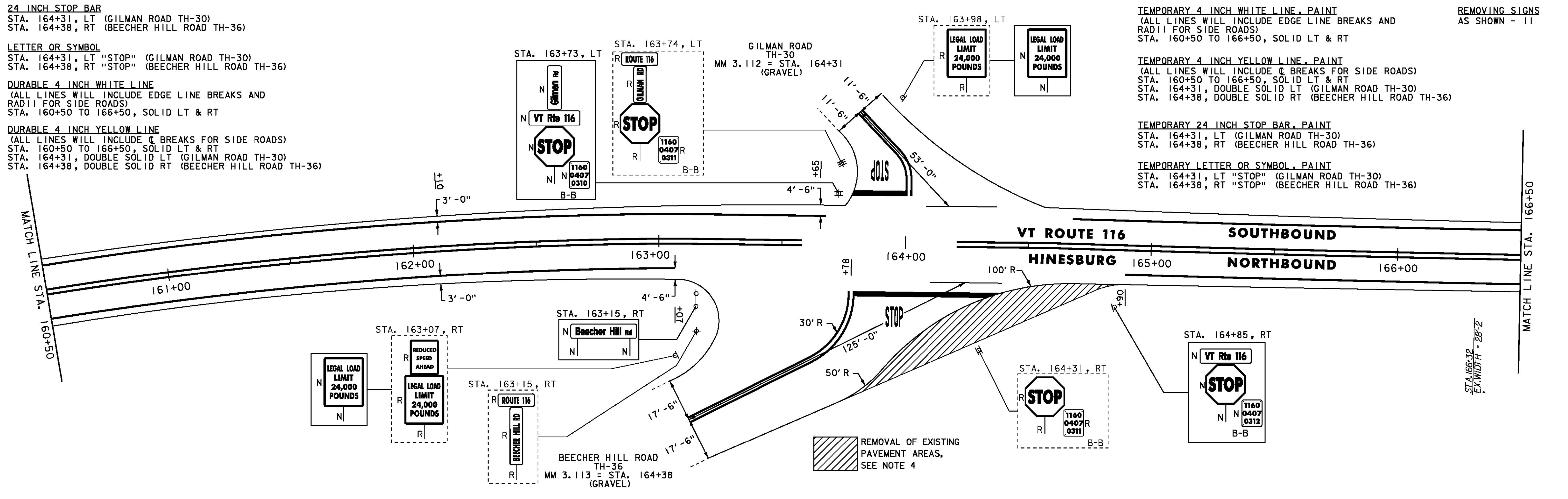
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR SIDE ROADS)
 STA. 160+50 TO 166+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 11

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 160+50 TO 166+50, SOLID LT & RT
 STA. 164+31, DOUBLE SOLID LT (GILMAN ROAD TH-30)
 STA. 164+38, DOUBLE SOLID RT (BEECHER HILL ROAD TH-36)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 164+31, LT (GILMAN ROAD TH-30)
 STA. 164+38, RT (BEECHER HILL ROAD TH-36)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 164+31, LT "STOP" (GILMAN ROAD TH-30)
 STA. 164+38, RT "STOP" (BEECHER HILL ROAD TH-36)



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 166+92.5 TO 167+30.0, LT
 STA. 166+98.5 TO 167+11.0, RT
 STA. 167+61.0 TO 167+73.5, RT
 STA. 167+80.0 TO 168+42.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 166+99 TO 168+40, LT
 STA. 167+01 TO 167+67, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR SIDE ROADS)
 STA. 166+50 TO 171+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 166+50 TO 171+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIUS FOR SIDE ROADS)
 STA. 166+50 TO 171+50, SOLID LT & RT

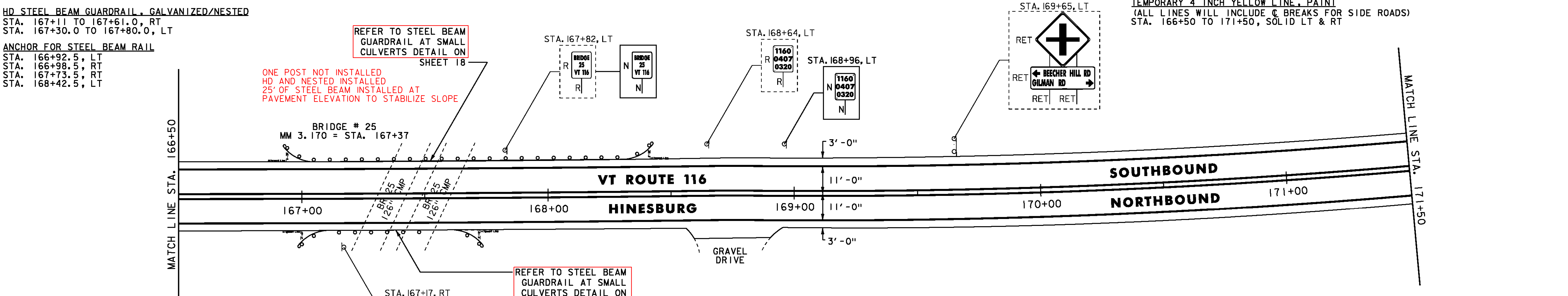
REMOVING SIGNS
 AS SHOWN - 3

HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED
 STA. 167+11 TO 167+61.0, RT
 STA. 167+30.0 TO 167+80.0, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 166+92.5, LT
 STA. 166+98.5, RT
 STA. 167+73.5, RT
 STA. 168+42.5, LT

REFER TO STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL ON SHEET 18
 ONE POST NOT INSTALLED
 HD AND NESTED INSTALLED
 25' OF STEEL BEAM INSTALLED AT PAVEMENT ELEVATION TO STABILIZE SLOPE

REFER TO STEEL BEAM GUARDRAIL AT SMALL CULVERTS DETAIL ON SHEET 18
 ADEQUATE SHOULDER
 ADEQUATE DEPTH
 ALL POSTS INSTALLED
 HD AND NESTED NOT NEEDED



- NOTES:**
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 - REMOVE 4 INCHES OF EXISTING PAVEMENT AS SHOWN. PAYMENT TO BE MADE UNDER ITEM 203.15 - COMMON EXCAVATION. IF LESS THAN 4 INCHES OF PAVEMENT IS ENCOUNTERED, REMOVAL OF SUBBASE SHALL BE PAID UNDER ITEM 203.15 - COMMON EXCAVATION. REPLACE WITH 4 INCHES OF ITEM 651.35 - TOPSOIL, 651.15 - SEED, 651.18 - FERTILIZER, 651.20 - AGRICULTURAL LIMESTONE AND 653.20 - TEMPORARY EROSION MATTING. ESTIMATED QUANTITIES OF ALL THESE ITEMS HAVE BEEN INCLUDED FOR USE AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

PROJECT LAYOUT SHEET #40

PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 60 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266i40.i	



STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 173+95 TO 174+70, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 173+95, LT
 STA. 174+70, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 173+92 TO 174+70.5, LT

24 INCH STOP BAR
 STA. 176+33, RT (LAVIGNE HILL ROAD TH-21)

LETTER OR SYMBOL
 STA. 176+33, RT "STOP" (LAVIGNE HILL ROAD TH-21)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 171+50 TO 177+50, SOLID LT & RT
 STA. 176+33, SOLID RT (EDGELINES, LAVIGNE HILL ROAD TH-21)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 171+50 TO 177+50, SOLID LT & RT
 STA. 176+33, DOUBLE SOLID RT (LAVIGNE HILL ROAD TH-21)

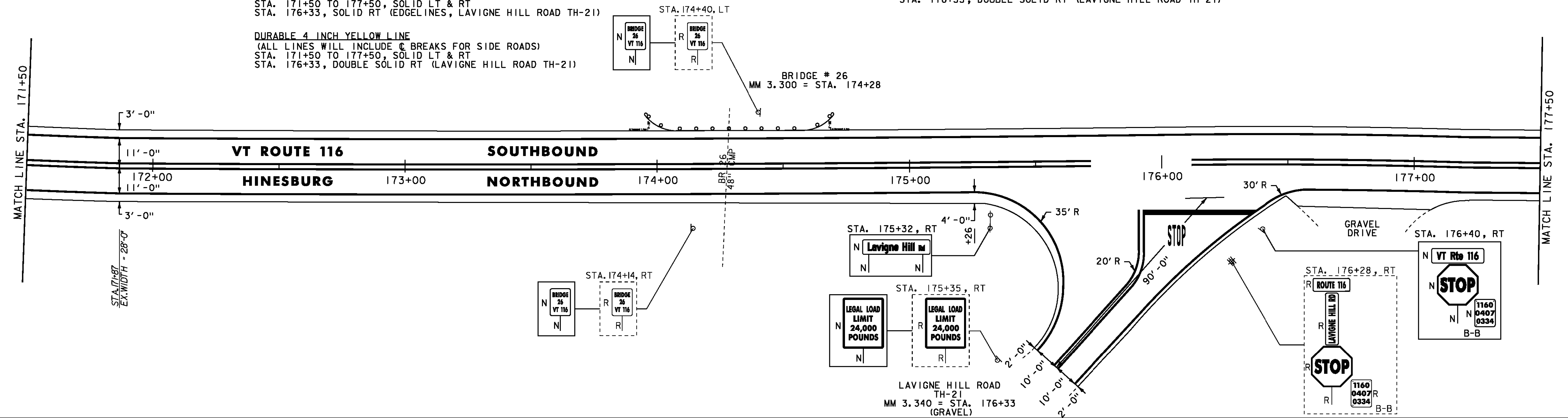
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 171+50 TO 177+50, SOLID LT & RT
 STA. 176+33, SOLID RT (EDGELINES, LAVIGNE HILL ROAD TH-21)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 171+50 TO 177+50, SOLID LT & RT
 STA. 176+33, DOUBLE SOLID RT (LAVIGNE HILL ROAD TH-21)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 176+33, RT (LAVIGNE HILL ROAD TH-21)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 176+33, RT "STOP" (LAVIGNE HILL ROAD TH-21)

REMOVING SIGNS
 AS SHOWN - 7



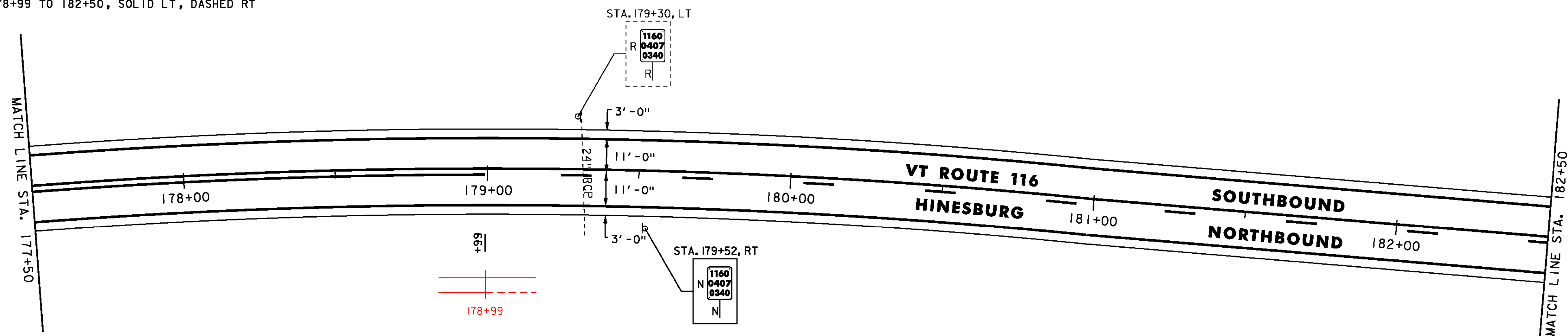
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 177+50 TO 182+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 177+50 TO 178+99, SOLID LT & RT
 STA. 178+99 TO 182+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 177+50 TO 182+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 177+50 TO 178+99, SOLID LT & RT
 STA. 178+99 TO 182+50, SOLID LT, DASHED RT

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #41



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i41.i

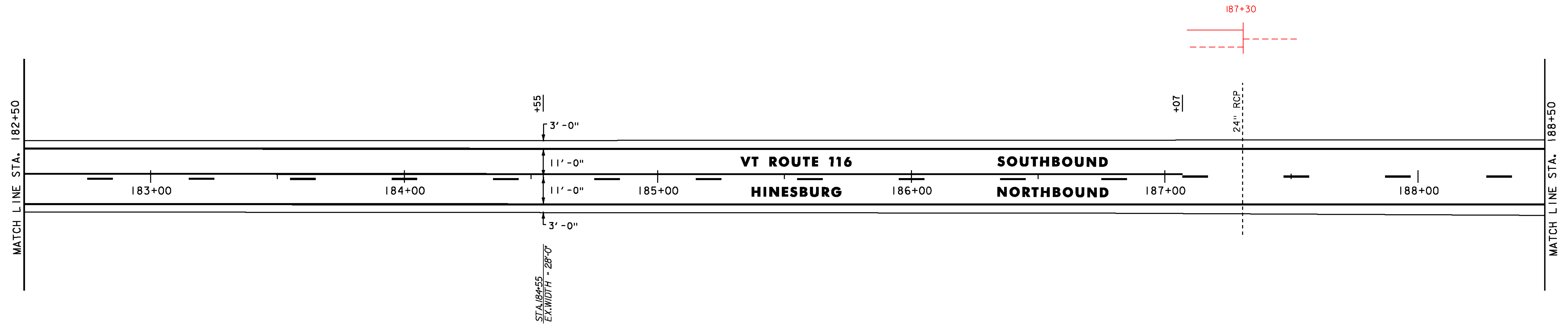
PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 61 OF 119

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

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

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 182+50 TO 187+07, SOLID LT, DASHED RT
 STA. 187+07 TO 188+50, DASHED C

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 182+50 TO 187+07, SOLID LT, DASHED RT
 STA. 187+07 TO 188+50, DASHED C



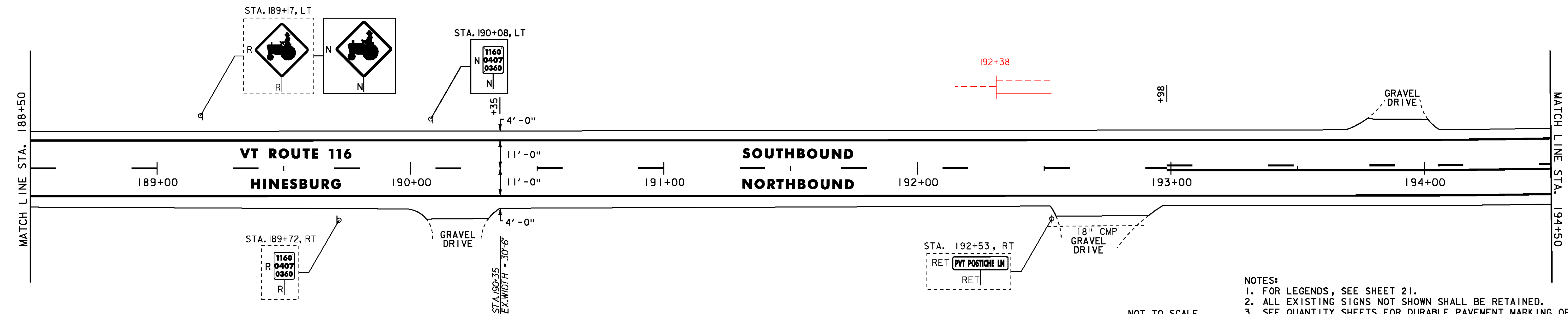
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 188+50 TO 194+50, SOLID LT & RT

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

REMOVING SIGNS
 AS SHOWN - 2

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 188+50 TO 192+98, DASHED C
 STA. 192+98 TO 194+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 188+50 TO 192+98, DASHED C
 STA. 192+98 TO 194+50, DASHED LT, SOLID RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #42



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i42.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 62 OF 119

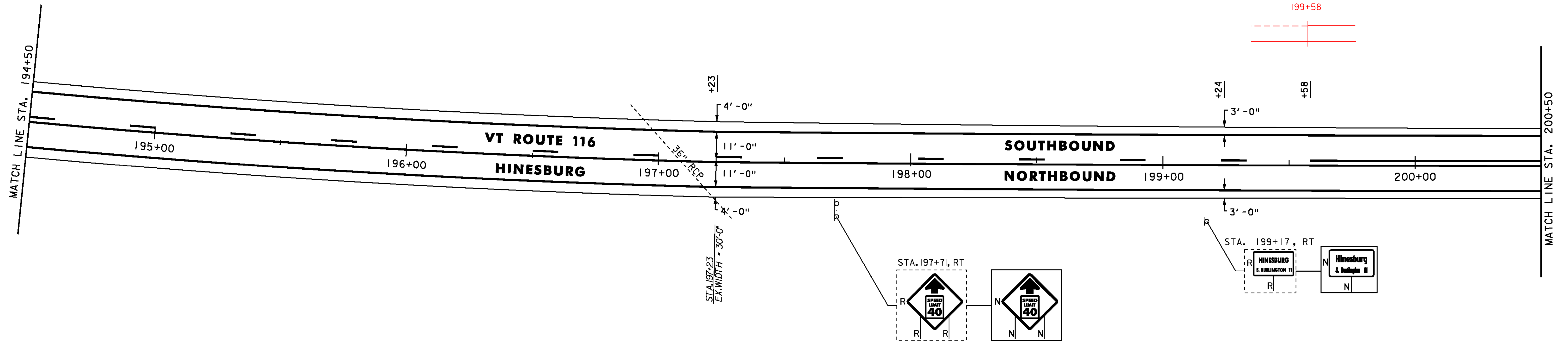
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 194+50 TO 200+50, SOLID LT & RT

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

REMOVING SIGNS
 AS SHOWN - 2

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 194+50 TO 199+58, DASHED LT, SOLID RT
 STA. 199+58 TO 200+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 194+50 TO 199+58, DASHED LT, SOLID RT
 STA. 199+58 TO 200+50, SOLID LT & RT



24 INCH STOP BAR
 STA. 205+56, RT (BUCK HILL ROAD WEST TH-20)
LETTER OR SYMBOL
 STA. 205+56, RT "STOP" (BUCK HILL ROAD WEST TH-20)

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
 STA. 205+56, SOLID RT (EDGELINES, BUCK HILL
 ROAD WEST TH-20)

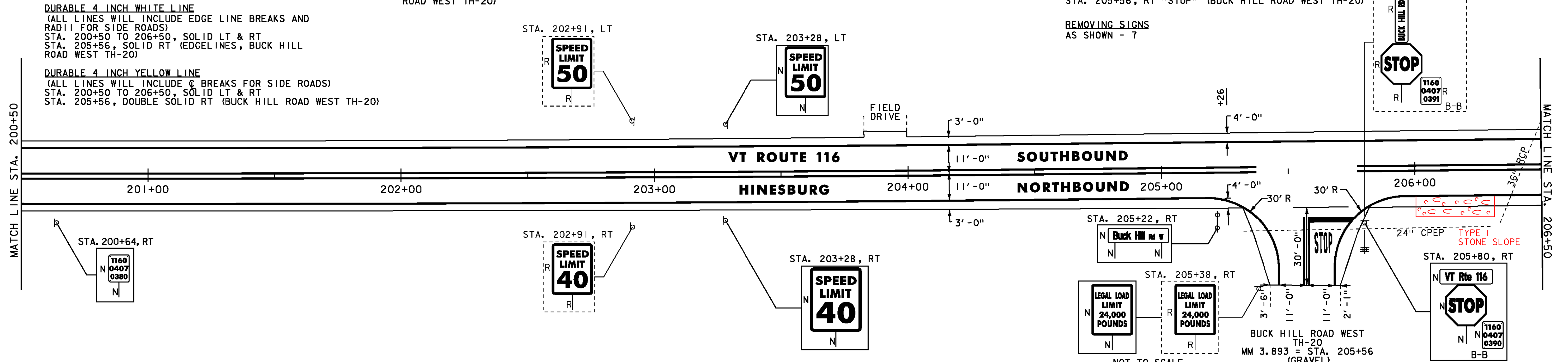
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 200+50 TO 206+50, SOLID LT & RT
 STA. 205+56, DOUBLE SOLID RT (BUCK HILL ROAD WEST TH-20)

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 205+56, RT (BUCK HILL ROAD WEST TH-20)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 205+56, RT "STOP" (BUCK HILL ROAD WEST TH-20)

REMOVING SIGNS
 AS SHOWN - 7

STA. 205+80, RT



NOT TO SCALE

PROJECT LAYOUT SHEET #43	PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
	PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
	FILE NAME: p10b266.dgn	CHECKED BY: MCF
	DESIGNED BY: STANTEC	SHEET 63 OF 119
IPARM FILE: p10b266143.i		

- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.



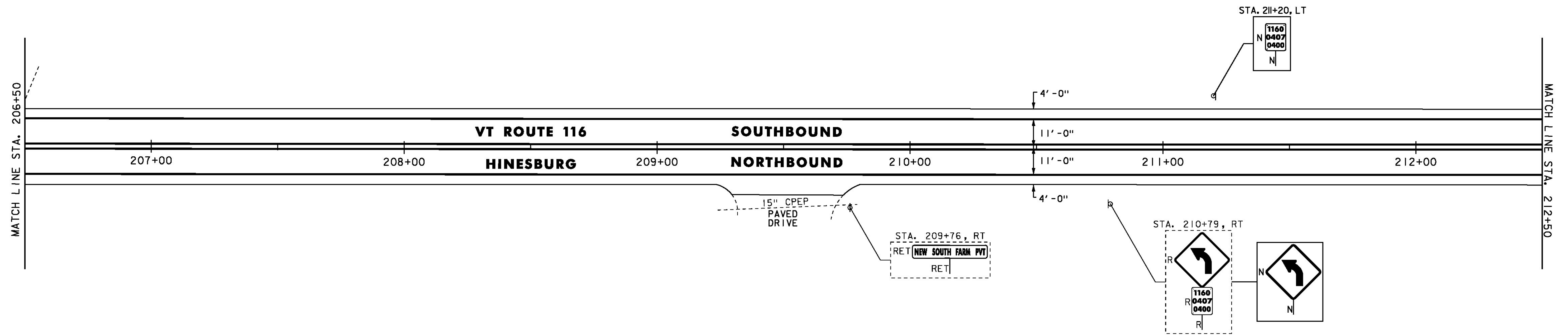
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 206+50 TO 212+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 206+50 TO 212+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 2

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 206+50 TO 212+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 206+50 TO 212+50, SOLID LT & RT



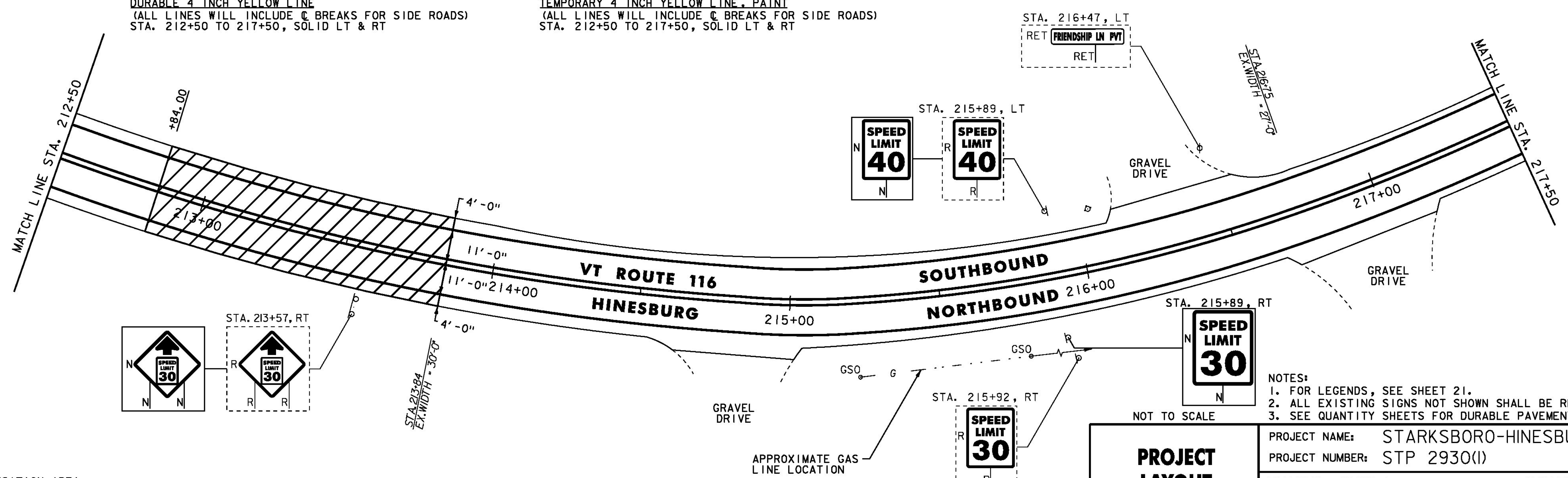
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 212+50 TO 217+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 212+50 TO 217+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 212+50 TO 217+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 212+50 TO 217+50, SOLID LT & RT



 COLD PLANE TRANSITION AREA
 (FOR TYPICAL, SEE SHEET 3)

- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

PROJECT LAYOUT SHEET #44	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
DESIGNED BY: STANTEC	PLOT DATE: 28-NOV-2012
CHECKED BY: MCF	DRAWN BY: STANTEC
IPARM FILE: p10b266i44.i	SHEET 64 OF 119



DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 217+50 TO 223+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 217+50 TO 223+50, SOLID LT & RT

DURABLE LETTER OR SYMBOL
 STA. 218+38, RT "SCHOOL"

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 217+50 TO 223+50, SOLID LT & RT

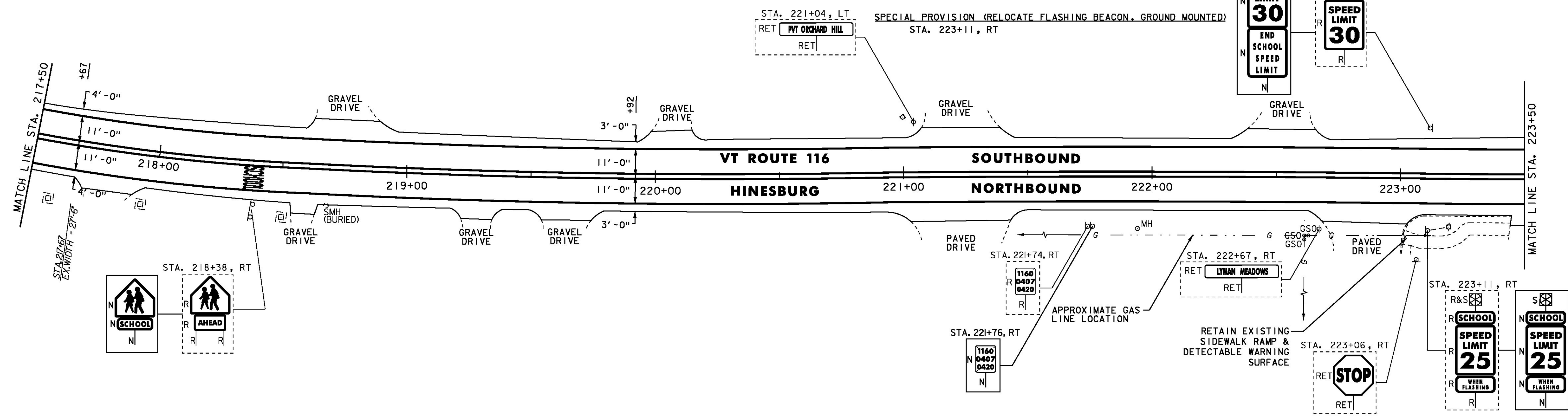
TEMPORARY LETTER OR SYMBOL
 STA. 218+38, RT "SCHOOL"

REMOVING SIGNS
 AS SHOWN - 7

REHAB. DIS. CBS OR MHS. CLASS I (NO FEDERAL/STATE PARTICIPATION)
 STA. 218+68, RT (SMH BURIED)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 217+50 TO 223+50, SOLID LT & RT

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)
 STA. 223+11, RT



REHAB. DIS. CBS OR MHS. CLASS I OR II
 STA. 224+24, LT
 STA. 225+35, LT
 STA. 227+23, LT

ADJUST ELEVATION OF VALVE BOX (MONITORING WELLS)
 (NO FEDERAL/STATE PARTICIPATION)
 STA. 227+19, LT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 223+50 TO 229+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 6

CAST-IN-PLACE CONCRETE CURB, TYPE B
 STA. 228+35, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADI1 FOR SIDE ROADS)
 STA. 223+50 TO 229+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 223+50 TO 229+50, SOLID LT & RT

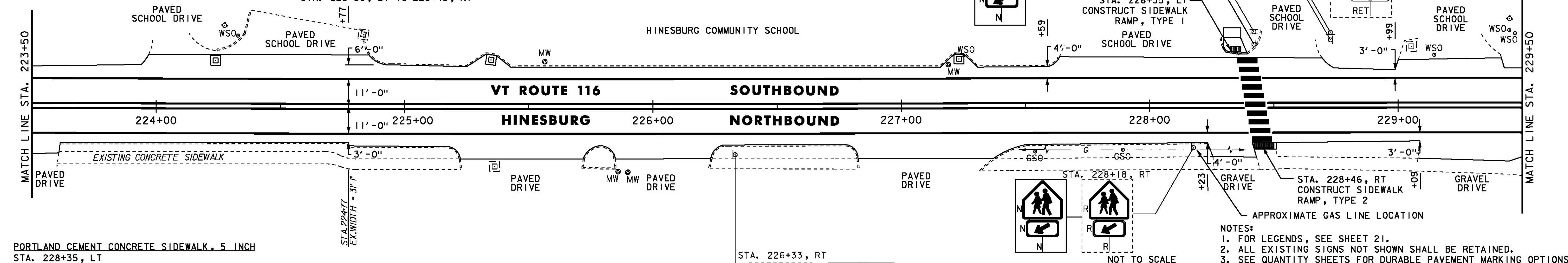
REMOVAL OF EXISTING CURB
 STA. 228+35, LT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 223+50 TO 229+50, SOLID LT & RT

TEMPORARY CROSSWALK MARKING, PAINT
 STA. 228+39, LT TO 228+45, RT

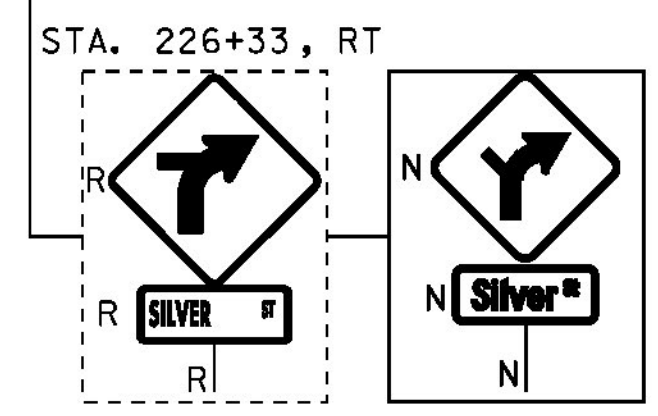
ADJUST ELEVATION OF VALVE BOX
 (NO FEDERAL/STATE PARTICIPATION)
 STA. 227+25, LT

DURABLE CROSSWALK MARKING
 STA. 228+39, LT TO 228+45, RT



PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 STA. 228+35, LT
 STA. 228+46, RT

DETECTABLE WARNING SURFACE
 STA. 228+35, LT
 STA. 228+46, RT



PROJECT LAYOUT SHEET #45

NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266145.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 65 OF 119

REHAB. DIS. CBs OR MHS, CLASS I OR II

STA. 231+14, RT
STA. 231+98, LT
STA. 233+14, LT

24 INCH STOP BAR

STA. 231+47, LT (SILVER STREET TH-4)

LETTER OR SYMBOL

STA. 231+32, LT ARROW (SILVER STREET TH-4)
STA. 231+41, LT ARROW (SILVER STREET TH-4)

DURABLE 4 INCH WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
STA. 229+50 TO 233+50, SOLID LT & RT
STA. 231+47, SOLID LT (EDGELINES, SILVER STREET TH-4)
STA. 231+47, SOLID LT (LANE LINE, SILVER STREET TH-4)
STA. 231+77 TO 233+50, SOLID LT (LANE LINE)

DURABLE 4 INCH YELLOW LINE

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 229+50 TO 233+50, SOLID LT & RT
STA. 231+47, DOUBLE SOLID LT (SILVER STREET TH-4)

DURABLE LETTER OR SYMBOL

STA. 231+83, LT ARROW
STA. 232+25, LT "ONLY"
STA. 232+62, LT ARROW
STA. 233+05, LT "ONLY"
STA. 233+46, LT ARROW

TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
STA. 229+50 TO 233+50, SOLID LT & RT
STA. 231+47, SOLID LT (EDGELINES, SILVER STREET TH-4)
STA. 231+47, SOLID LT (LANE LINE, SILVER STREET TH-4)
STA. 231+77 TO 233+50, SOLID LT (LANE LINE)

TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 229+50 TO 233+50, SOLID LT & RT
STA. 231+47, DOUBLE SOLID LT (SILVER STREET TH-4)

TEMPORARY 24 INCH STOP BAR, PAINT

STA. 231+47, LT (SILVER STREET TH-4)

TEMPORARY LETTER OR SYMBOL, PAINT

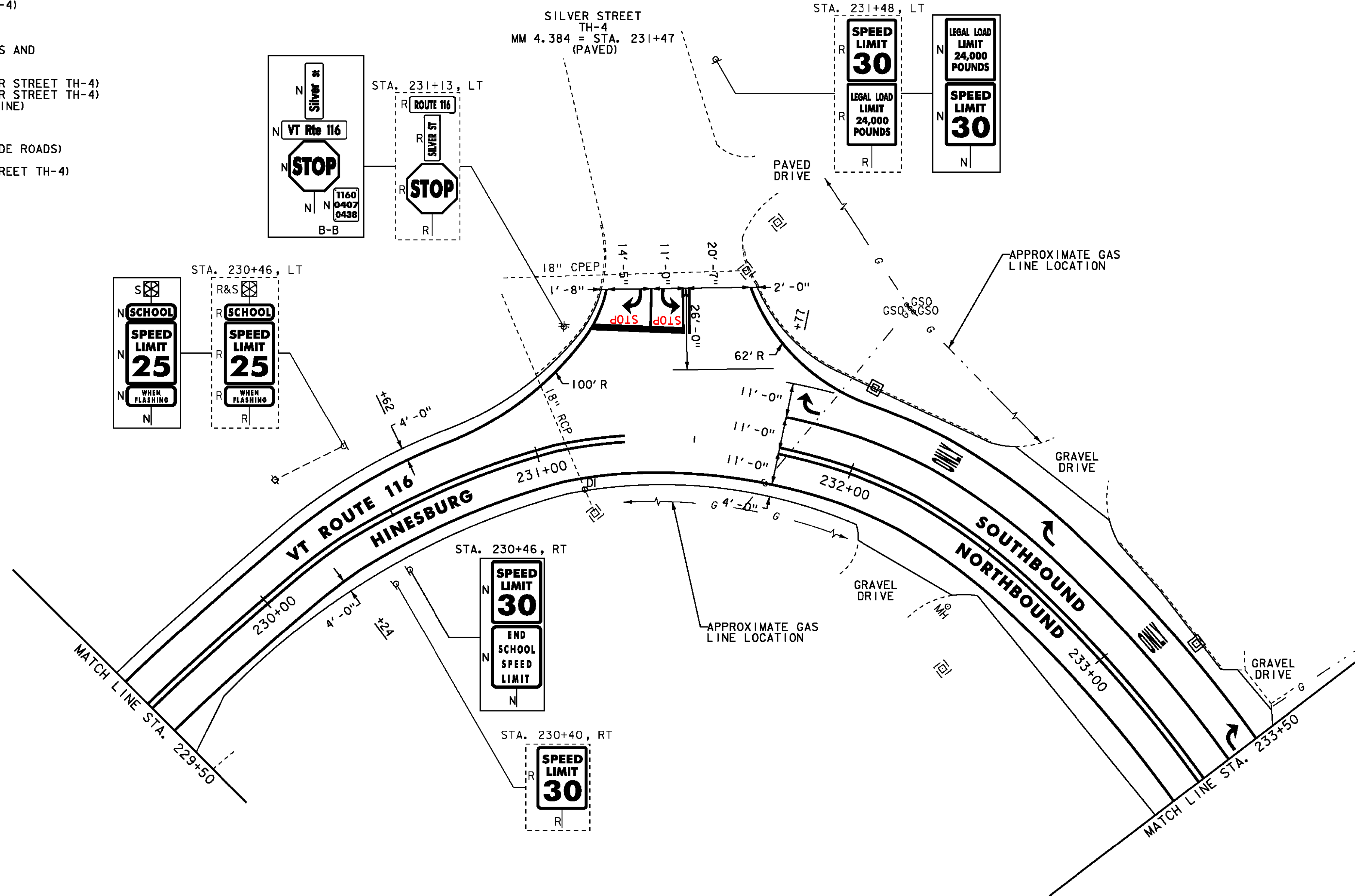
STA. 231+32, LT ARROW (SILVER STREET TH-4)
STA. 231+41, LT ARROW (SILVER STREET TH-4)
STA. 231+83, LT ARROW
STA. 232+25, LT "ONLY"
STA. 232+62, LT ARROW
STA. 233+05, LT "ONLY"
STA. 233+46, LT ARROW

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)

STA. 230+46, LT

REMOVING SIGNS

AS SHOWN - 9



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #46

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i46.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 66 OF 119



REHAB. DIS. CBS OR MHS. CLASS I OR II
 STA. 233+86, LT
 STA. 237+41, LT

ADJUST ELEVATION OF VALVE BOX
 (NO FEDERAL/STATE PARTICIPATION)
 STA. 234+56, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 233+50 TO 237+50, SOLID LT & RT
 STA. 233+50 TO 233+56, SOLID LT (LANE LINE)
 STA. 233+56 TO 234+56, DOTTED LT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 233+50 TO 237+50, SOLID LT & RT

DURABLE 8 INCH WHITE LINE
 STA. 234+50 TO 234+62, LT (HYDRANT)
 SEE SHEET 19

DURABLE LETTER OR SYMBOL
 STA. 234+45, LT "SCHOOL"

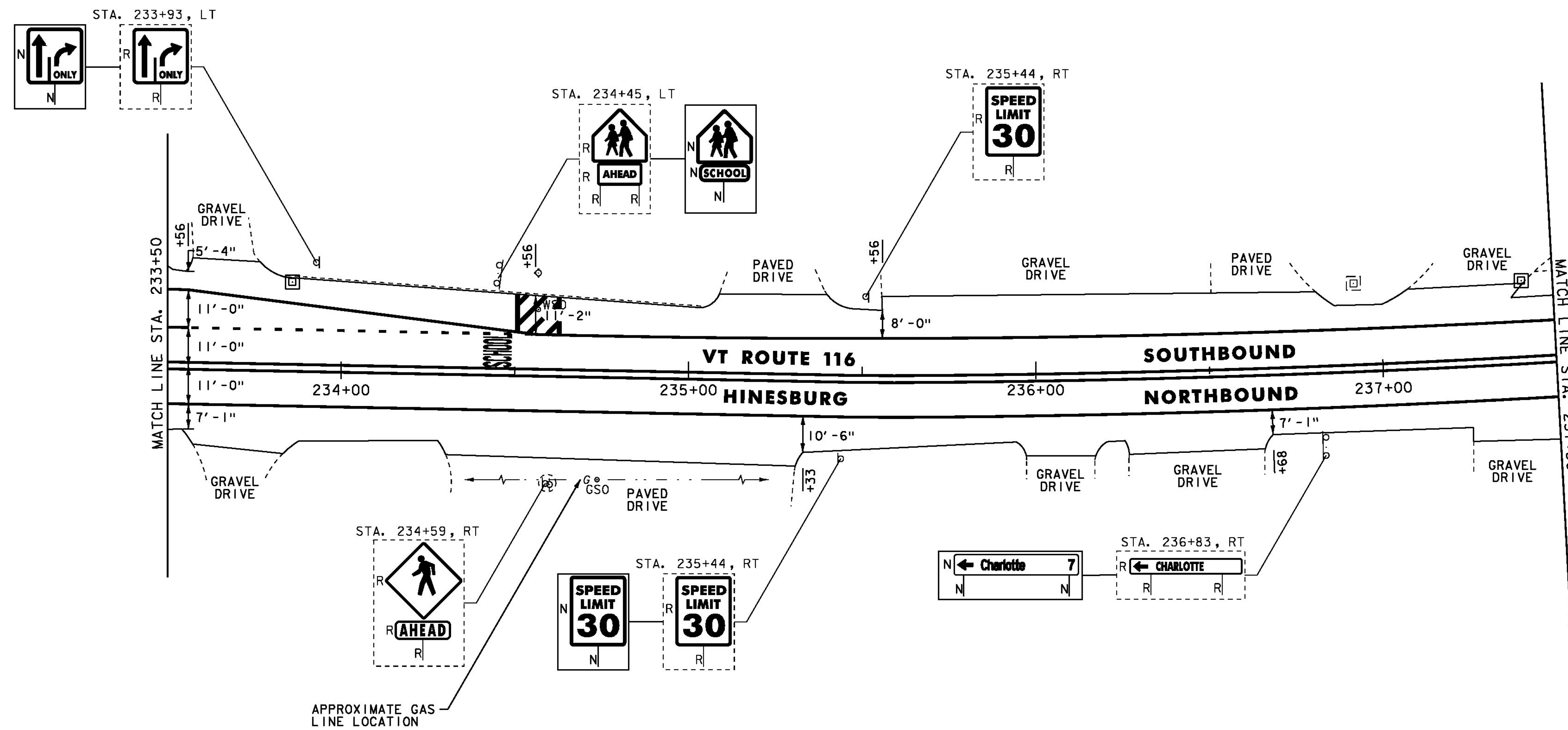
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 233+50 TO 237+50, SOLID LT & RT
 STA. 233+50 TO 233+56, SOLID LT (LANE LINE)
 STA. 233+56 TO 234+56, DOTTED LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 233+50 TO 237+50, SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
 STA. 234+50 TO 234+62, LT (HYDRANT)
 SEE SHEET 19

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 234+45, LT "SCHOOL"

REMOVING SIGNS
 AS SHOWN - 8



- NOTES:
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
 LAYOUT
 SHEET #47**

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i47.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 67 OF 119

VERTICAL GRANITE CURB
 STA. 239+19 TO 239+39, LT
 SEE DETAIL ON SHEET 3

REHAB. DIS. CBS OR MHS. CLASS I OR II
 STA. 239+34, LT
 SEE DETAIL ON SHEET 17
 STA. 239+76, RT

REMOVING AND RESETTING CURB
 STA. 241+25, LT

REMOVAL OF EXISTING CURB
 STA. 239+19 TO 239+39, LT
 SEE DETAIL ON SHEET 3

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 STA. 238+70, RT
 STA. 238+96, RT
 STA. 239+98, RT
 STA. 240+16, RT
 STA. 240+33, LT
 STA. 241+25, LT

DETECTABLE WARNING SURFACE
 STA. 238+70, RT
 STA. 238+96, RT
 STA. 239+98, RT
 STA. 240+16, RT
 STA. 240+33, LT
 STA. 241+25, LT

ADJUST ELEVATION OF VALVE BOX (NO FEDERAL/STATE PARTICIPATION)
 STA. 239+57, LT
 STA. 241+43, LT
 STA. 241+50, LT

ADJUST ELEVATION OF VALVE BOX (MONITORING WELLS) (NO FEDERAL/STATE PARTICIPATION)
 STA. 239+35, RT
 STA. 239+54, LT
 STA. 239+69, LT
 STA. 239+80, RT
 STA. 239+97, RT
 STA. 240+02, RT
 STA. 240+03, LT
 STA. 240+15, LT
 STA. 240+19, LT
 STA. 240+28, LT
 STA. 240+41, RT
 STA. 240+58, LT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 237+50 TO 242+50, SOLID LT & RT
 STA. 240+02, DOUBLE SOLID LT (CHARLOTTE ROAD)

DURABLE 8 INCH WHITE LINE
 STA. 238+65 TO 239+05, RT (DO NOT BLOCK MARKINGS)
 SEE SHEET 19

DURABLE 24 INCH STOP BAR
 STA. 239+35, RT
 STA. 240+60, LT

DURABLE LETTER OR SYMBOL
 STA. 241+46, LT ACCESSIBILITY SYMBOL
 (SEE VAOT STANDARD E-191 FOR PLACEMENT OF HANDICAPPED SYMBOL)

DURABLE CROSSWALK MARKING
 STA. 239+42, RT TO 239+52, LT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 237+50 TO 242+50, SOLID LT & RT
 STA. 240+02, SOLID LT (EDGE LINES, CHARLOTTE ROAD)
 STA. 240+02, SOLID LT (LANE LINE, CHARLOTTE ROAD)
 STA. 240+81 TO 241+59, SOLID LT (PARKING & DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 237+50 TO 242+50, SOLID LT & RT
 STA. 240+02, DOUBLE SOLID LT (CHARLOTTE ROAD)

TEMPORARY 8 INCH WHITE LINE, PAINT
 STA. 238+65 TO 239+05, RT (DO NOT BLOCK MARKINGS)
 SEE SHEET 19

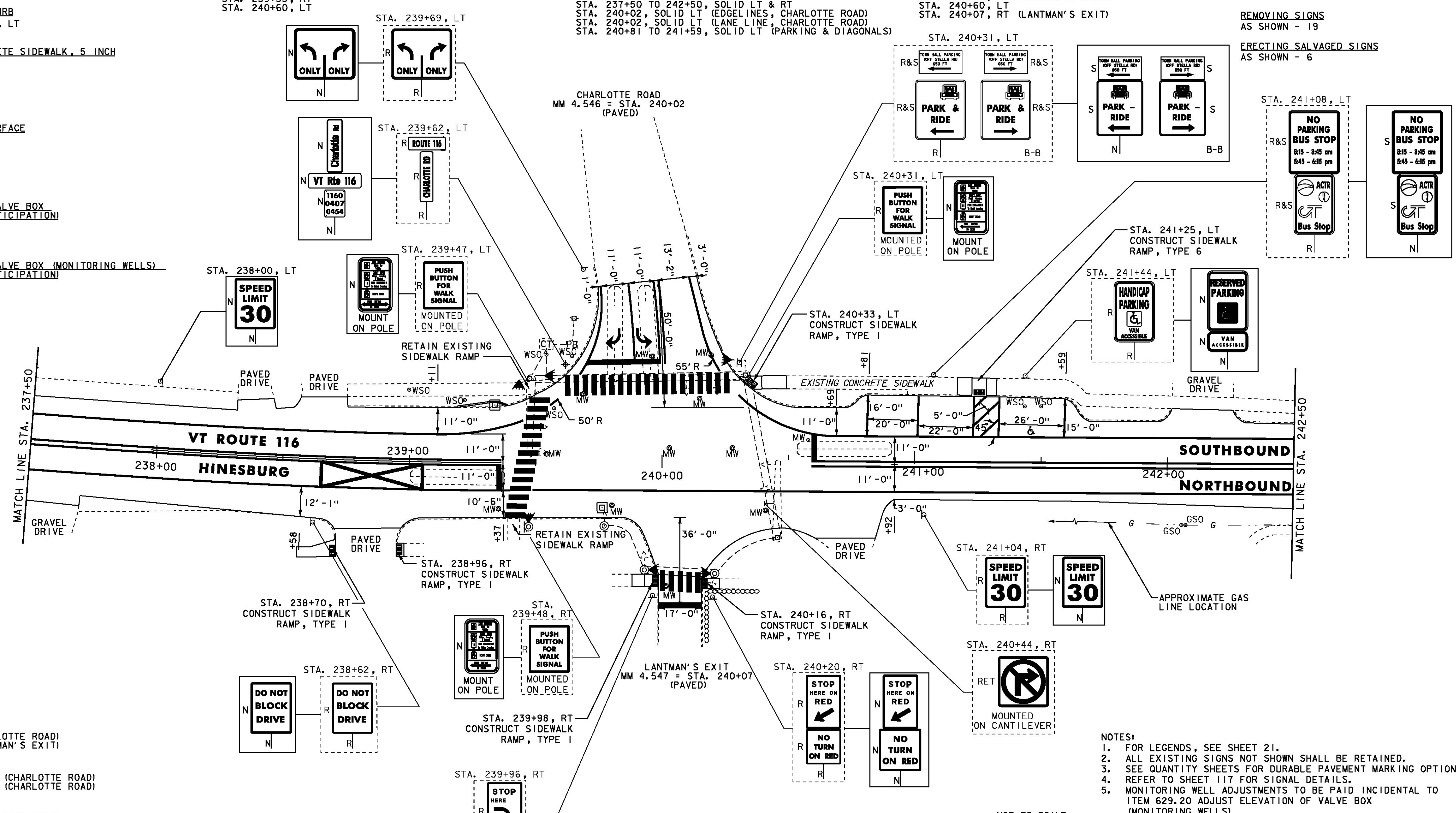
TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 239+35, RT
 STA. 240+02, LT (CHARLOTTE ROAD)
 STA. 240+60, LT
 STA. 240+07, RT (LANTMAN'S EXIT)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 239+81, LT ARROW (CHARLOTTE ROAD)
 STA. 239+93, LT ARROW (CHARLOTTE ROAD)
 STA. 241+46, LT ACCESSIBILITY SYMBOL
 (SEE VAOT STANDARD E-191 FOR PLACEMENT OF HANDICAPPED SYMBOL)

TEMPORARY CROSSWALK MARKING, PAINT
 STA. 239+42, RT TO 239+52, LT
 STA. 240+02, LT (CHARLOTTE ROAD)
 STA. 240+07, RT (LANTMAN'S EXIT)

REMOVING SIGNS
 AS SHOWN - 19

ERECTING SALVAGED SIGNS
 AS SHOWN - 6



24 INCH STOP BAR
 STA. 240+02, LT (CHARLOTTE ROAD)
 STA. 240+07, RT (LANTMAN'S EXIT)

LETTER OR SYMBOL
 STA. 239+81, LT ARROW (CHARLOTTE ROAD)
 STA. 239+93, LT ARROW (CHARLOTTE ROAD)

CROSSWALK MARKING
 STA. 240+02, LT (CHARLOTTE ROAD)
 STA. 240+07, RT (LANTMAN'S EXIT)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 237+50 TO 242+50, SOLID LT & RT
 STA. 240+02, SOLID LT (EDGE LINES, CHARLOTTE ROAD)
 STA. 240+02, SOLID LT (LANE LINE, CHARLOTTE ROAD)
 STA. 240+81 TO 241+59, SOLID LT (PARKING & DIAGONALS)

- NOTES:**
- FOR LEGENDS, SEE SHEET 21.
 - ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 - SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 - REFER TO SHEET 117 FOR SIGNAL DETAILS.
 - MONITORING WELL ADJUSTMENTS TO BE PAID INCIDENTAL TO ITEM 629.20 ADJUST ELEVATION OF VALVE BOX (MONITORING WELLS)

NOT TO SCALE

PROJECT LAYOUT SHEET #48	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
CHECKED BY: MCF	SHEET 68 OF 119
IPARM FILE: p10b266148.i	



REHAB. Dis. CBs OR MHS. CLASS I OR II
 STA. 245+18, LT
 STA. 245+22, LT
 STA. 248+31, LT

REHAB. Dis. CBs OR MHS. CLASS I
 (NO FEDERAL/STATE PARTICIPATION)
 STA. 245+71, RT (SMH BURIED)
 STA. 246+65, RT (SMH BURIED)

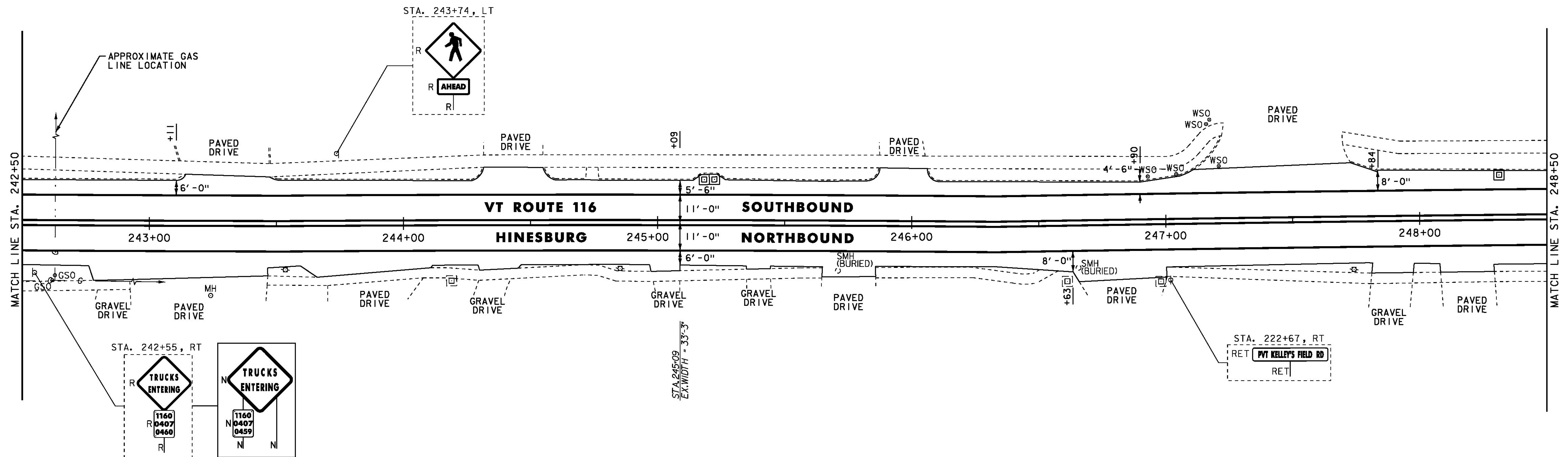
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 242+50 TO 248+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 242+50 TO 248+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 242+50 TO 248+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 242+50 TO 248+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 4



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
 LAYOUT
 SHEET #49**

PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
DESIGNED BY: STANTEC	SHEET 69 OF 119
IPARM FILE: p10b266i49.i	

REHAB. DIS. CBs OR MHS. CLASS I
(NO FEDERAL/STATE PARTICIPATION)
STA. 250+03, RT (SMH BURIED)

ADJUST ELEVATION OF VALVE BOX
(NO FEDERAL/STATE PARTICIPATION)
STA. 250+50, RT
STA. 250+66, RT

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 250+94.7 TO 251+07.2, LT
STA. 251+25 TO 251+37.5, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 250+94.7, LT
STA. 251+25, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 250+95 TO 251+07.2, LT
STA. 251+25 TO 251+37.5, RT

24 INCH STOP BAR
STA. 250+58, RT (MECHANICSVILLE ROAD TH-2)

LETTER OR SYMBOL
STA. 250+58, RT "STOP" (MECHANICSVILLE ROAD TH-2)

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, SOLID RT (EDGELINES, MECHANICSVILLE ROAD TH-2)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, DOUBLE SOLID RT (MECHANICSVILLE ROAD TH-2)

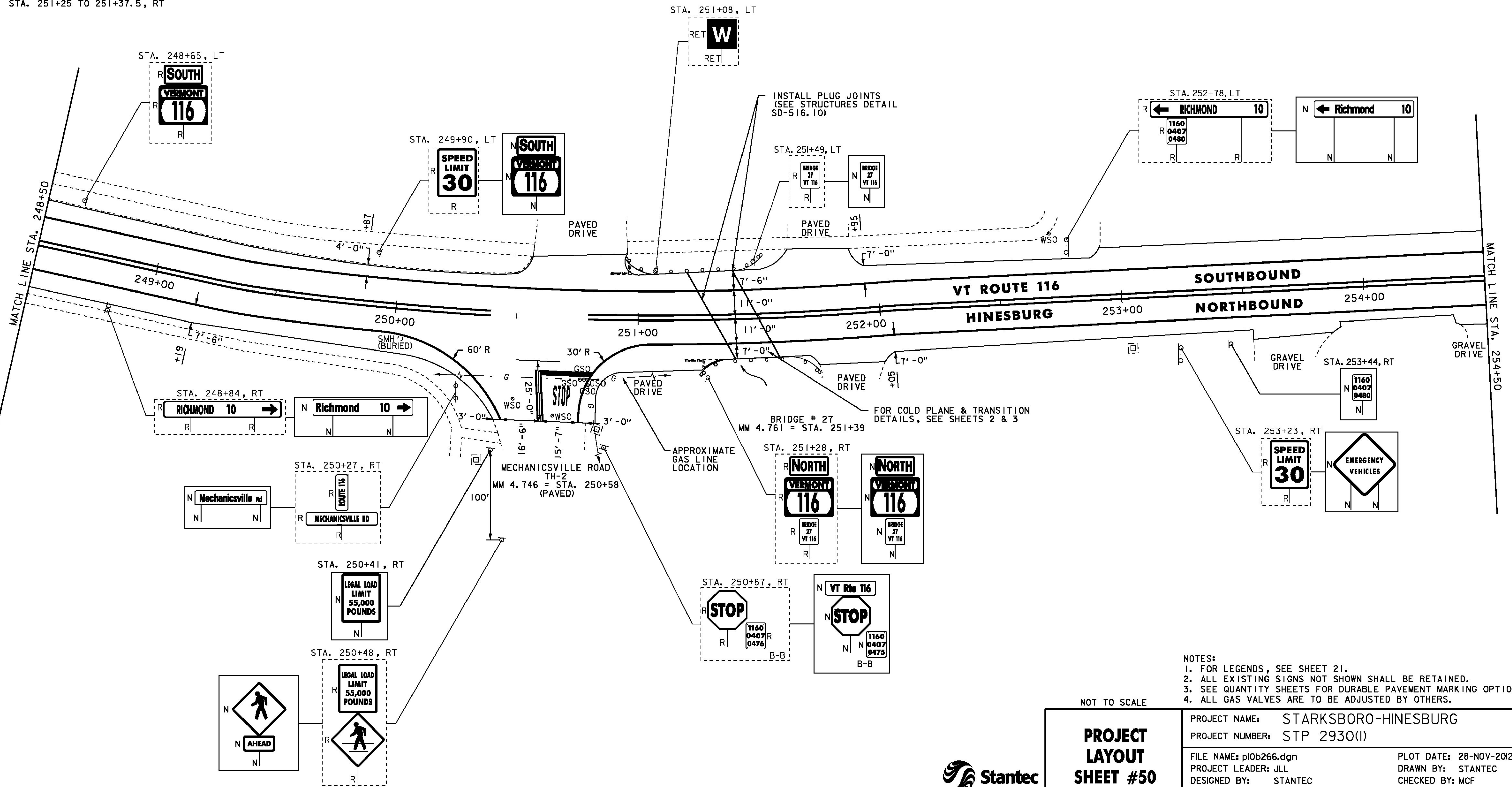
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, SOLID RT (EDGELINES, MECHANICSVILLE ROAD TH-2)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, DOUBLE SOLID RT (MECHANICSVILLE ROAD TH-2)

TEMPORARY 24 INCH STOP BAR, PAINT
STA. 250+58, RT (MECHANICSVILLE ROAD TH-2)

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 250+58, RT "STOP" (MECHANICSVILLE ROAD TH-2)

REMOVING SIGNS
AS SHOWN - 17



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 4. ALL GAS VALVES ARE TO BE ADJUSTED BY OTHERS.

<p>NOT TO SCALE</p> <p>PROJECT LAYOUT SHEET #50</p>	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
DESIGNED BY: STANTEC	PLOT DATE: 28-NOV-2012
CHECKED BY: MCF	DRAWN BY: STANTEC
IPARM FILE: p10b266150.i	SHEET 70 OF 119

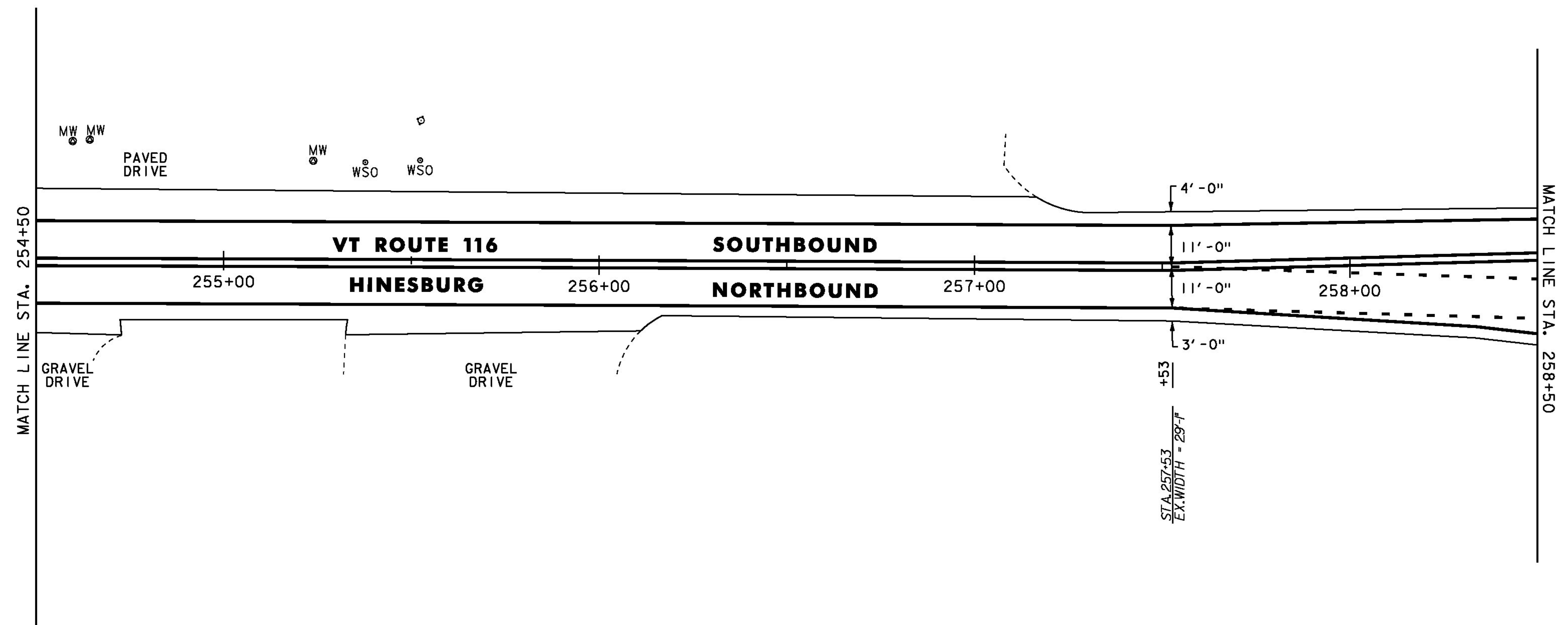


DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 254+50 TO 258+50, SOLID LT & RT
 STA. 257+53 TO 258+50, DOTTED RT (2)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 254+50 TO 257+53, SOLID LT & RT
 STA. 257+53 TO 258+50, DOUBLE SOLID LT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADIi FOR SIDE ROADS)
 STA. 254+50 TO 258+50, SOLID LT & RT
 STA. 257+53 TO 258+50, DOTTED RT (2)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 254+50 TO 257+53, SOLID LT & RT
 STA. 257+53 TO 258+50, DOUBLE SOLID LT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
 LAYOUT
 SHEET #51**

PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
DESIGNED BY: STANTEC	SHEET 71 OF 119
IPARM FILE: p10b266i51.i	

REHAB. Dis. CBs OR Mhs. CLASS I OR II
 STA. 260+97, RT

REHAB. Dis. CBs OR Mhs. CLASS I
 (NO FEDERAL/STATE PARTICIPATION)
 STA. 260+88, RT (SMH)

CAST-IN-PLACE CONCRETE CURB, TYPE B

STA. 260+39 TO 260+53, RT (COMMERCE STREET TH-43)
 STA. 260+97 TO 261+27, RT (COMMERCE STREET TH-43)

REMOVAL OF EXISTING CURB

STA. 260+39 TO 260+53, RT (COMMERCE STREET TH-43)
 STA. 260+97 TO 261+27, RT (COMMERCE STREET TH-43)

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH

STA. 260+27, LT
 STA. 260+98, RT

DETECTABLE WARNING SURFACE

STA. 260+27, LT
 STA. 260+98, RT

ADJUST ELEVATION OF VALVE BOX
 (NO FEDERAL/STATE PARTICIPATION)

STA. 260+53, LT
 STA. 260+54, RT
 STA. 260+56, RT
 STA. 260+57, LT
 STA. 260+63, LT

24 INCH STOP BAR

STA. 260+18, RT
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE ST TH-43)
 STA. 261+01, LT

CROSSWALK MARKING

STA. 260+29, LT TO RT
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE ST TH-43)

DURABLE 4 INCH WHITE LINE

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 258+50 TO 263+50, SOLID LT & RT
 STA. 258+50 TO 259+44, DOTTED RT (2)
 STA. 259+44 TO 260+17, SOLID RT (LANE LINES) (2)
 STA. 260+68, SOLID LT (EDGE LINES, FARMALL DRIVE)
 STA. 260+68, SOLID LT (LANE LINE, FARMALL DRIVE)
 STA. 260+74, SOLID RT (EDGE LINES, COMMERCE STREET TH-43)
 STA. 260+74, SOLID RT (LANE LINE, COMMERCE STREET TH-43)
 STA. 261+00 TO 262+72, SOLID LT (LANE LINE)
 STA. 262+72 TO 263+50, DOTTED LT
 STA. 261+60 TO 261+92, SOLID LT (DIAGONALS)
 STA. 261+92 TO 263+50, SOLID LT (PARKING)

DURABLE 4 INCH YELLOW LINE

(ALL LINES WILL INCLUDE G BREAKS FOR SIDE ROADS)
 STA. 258+50 TO 260+19, DOUBLE SOLID LT
 STA. 260+68, DOUBLE SOLID LT (FARMALL DRIVE)
 STA. 260+74, DOUBLE SOLID RT (COMMERCE ST TH-43)
 STA. 261+60 TO 263+20, DOUBLE SOLID RT
 STA. 263+20 TO 263+50, DOUBLE SOLID LT & RT

DURABLE 8 INCH YELLOW LINE

STA. 263+20 TO 263+50, LT & RT (DIAGONALS)
 SEE SHEET 19

DURABLE 24 INCH STOP BAR

STA. 260+18, RT
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE ST TH-43)
 STA. 261+01, LT
 STA. 261+61, LT & RT

DURABLE LETTER OR SYMBOL

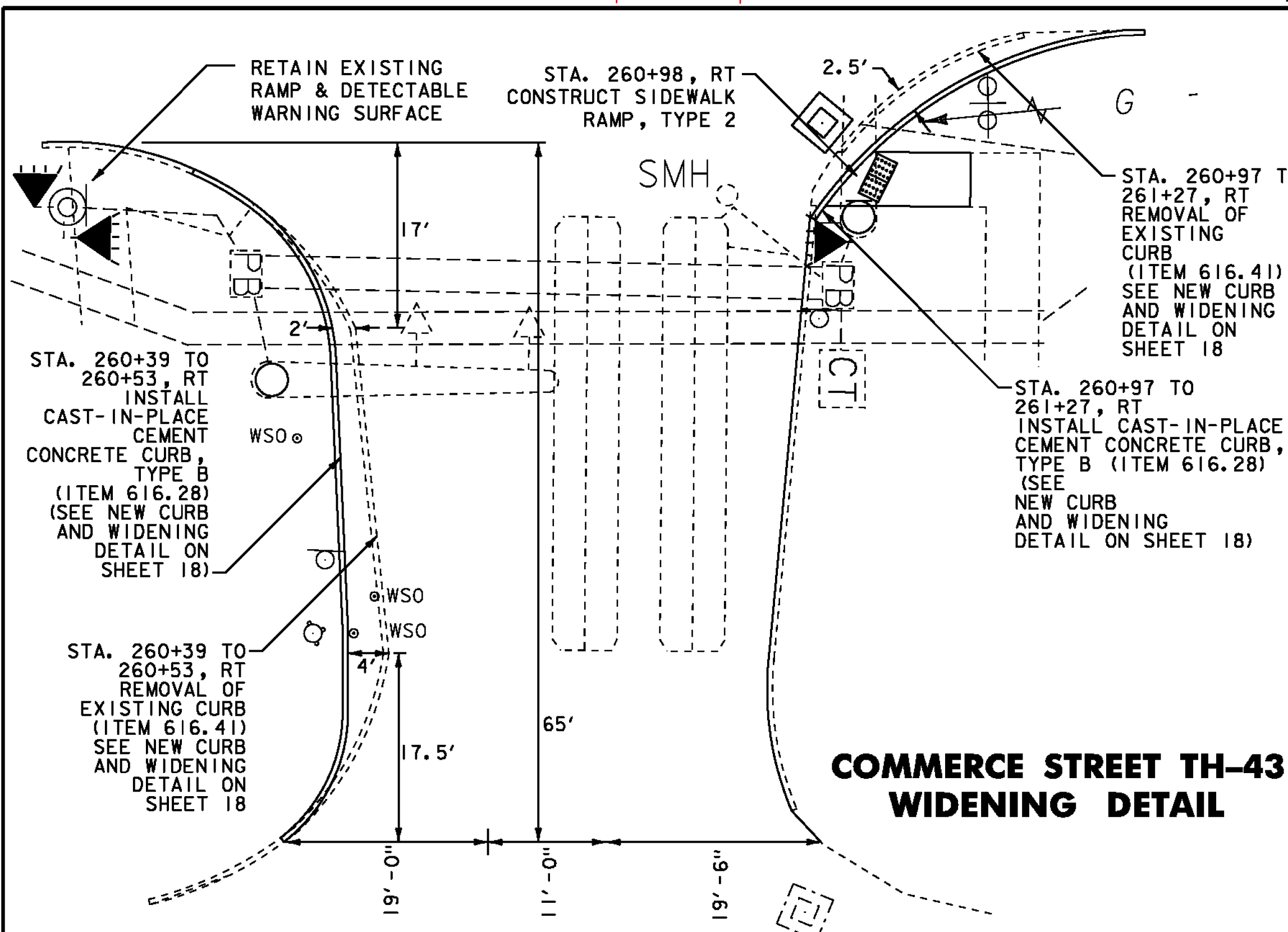
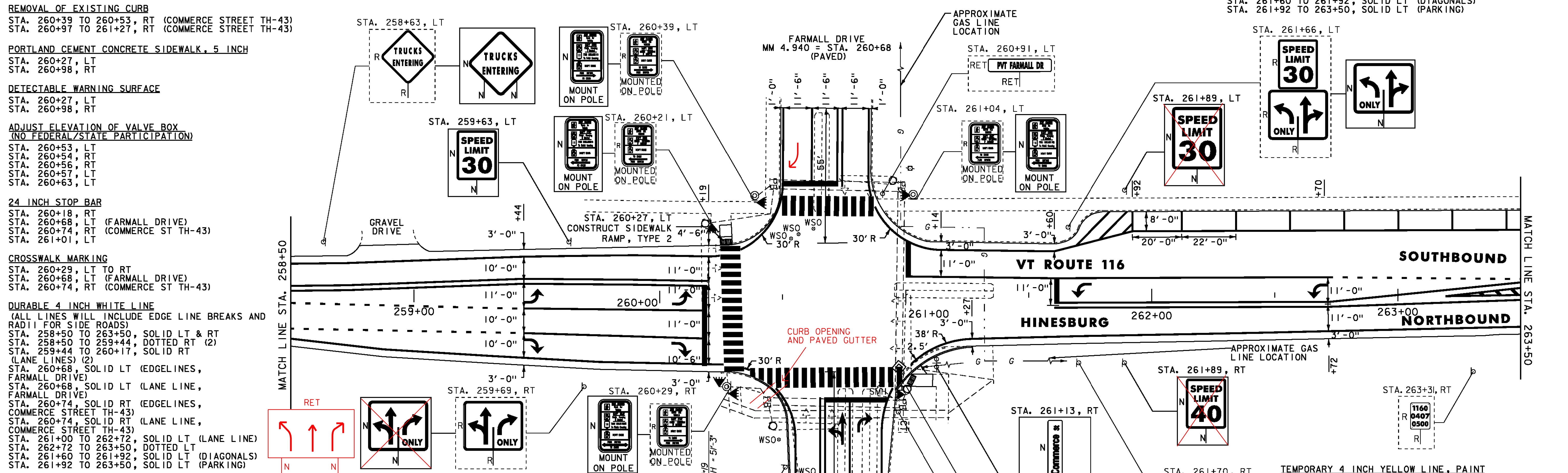
STA. 259+48, RT ARROW (2)
 STA. 260+09, RT ARROW (2)
 STA. 260+74, RT ARROW (3) (COMMERCE ST TH-43)
 STA. 261+72, LT ARROW
 STA. 262+68, LT ARROW

DURABLE CROSSWALK MARKING

STA. 260+29, LT TO RT

TEMPORARY 4 INCH WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 258+50 TO 263+50, SOLID LT & RT
 STA. 258+50 TO 259+44, DOTTED RT (2)
 STA. 259+44 TO 260+17, SOLID RT (LANE LINES) (2)
 STA. 260+68, SOLID LT (EDGE LINES, FARMALL DRIVE)
 STA. 260+68, SOLID LT (LANE LINE, FARMALL DRIVE)
 STA. 260+74, SOLID RT (EDGE LINES, COMMERCE STREET TH-43)
 STA. 260+74, SOLID RT (LANE LINE, COMMERCE STREET TH-43)
 STA. 261+00 TO 262+72, SOLID LT (LANE LINE)
 STA. 262+72 TO 263+50, DOTTED LT
 STA. 261+60 TO 261+92, SOLID LT (DIAGONALS)
 STA. 261+92 TO 263+50, SOLID LT (PARKING)



NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.
 4. REFER TO SHEET 118 FOR SIGNAL DETAILS.



NOT TO SCALE	
PROJECT LAYOUT SHEET #52	PROJECT NAME: STARKSBORO-HINESBURG PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p10b266152.i	PLOT DATE: 28-NOV-2012 DRAWN BY: STANTEC CHECKED BY: MCF SHEET 72 OF 119

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE G BREAKS FOR SIDE ROADS)
 STA. 258+50 TO 260+19, DOUBLE SOLID LT
 STA. 260+68, DOUBLE SOLID LT (FARMALL DRIVE)
 STA. 260+74, DOUBLE SOLID RT (COMMERCE ST TH-43)
 STA. 261+60 TO 263+20, DOUBLE SOLID RT
 STA. 263+20 TO 263+50, DOUBLE SOLID LT & RT

TEMPORARY 8 INCH YELLOW LINE, PAINT
 STA. 263+20 TO 263+50, LT & RT (DIAGONALS)
 SEE SHEET 19

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 260+18, RT
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE ST TH-43)
 STA. 261+01, LT
 STA. 261+61, LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 259+48, RT ARROW (2)
 STA. 260+09, RT ARROW (2)
 STA. 260+74, RT ARROW (3)
 (COMMERCE ST TH-43)
 STA. 261+72, LT ARROW
 STA. 262+68, LT ARROW

TEMPORARY CROSSWALK MARKING, PAINT
 STA. 260+29, LT TO RT
 STA. 260+68, LT (FARMALL DRIVE)
 STA. 260+74, RT (COMMERCE ST TH-43)

REMOVING SIGNS
 AS SHOWN - 13

STEEL BEAM GUARDRAIL, GALVANIZED
W/8 FEET POSTS
STA. 264+84 TO 265+46.5, RT
STA. 265+21.5 TO 265+46.5, LT
STA. 265+71.5 TO 266+09, RT
STA. 265+71.5 TO 266+21.5, LT

HD STEEL BEAM GUARDRAIL, GALVANIZED/NESTED
STA. 265+46.5 TO 265+71.5, RT
STA. 265+46.5 TO 265+71.5, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 264+84, RT
STA. 265+21.5, LT
STA. 266+09, RT
STA. 266+21.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 264+82.5 TO 266+05, RT
STA. 265+14 TO 266+17, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 263+50 TO 269+50, SOLID LT & RT
STA. 263+50 TO 264+08, SOLID LT (PARKING)
STA. 263+50 TO 263+70, DOTTED LT
STA. 264+08 TO 264+39, SOLID LT (DIAGONALS)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 263+50 TO 265+08, DOUBLE SOLID LT
STA. 263+50 TO 265+08, DOUBLE SOLID RT
STA. 265+08 TO 269+50, SOLID LT & RT

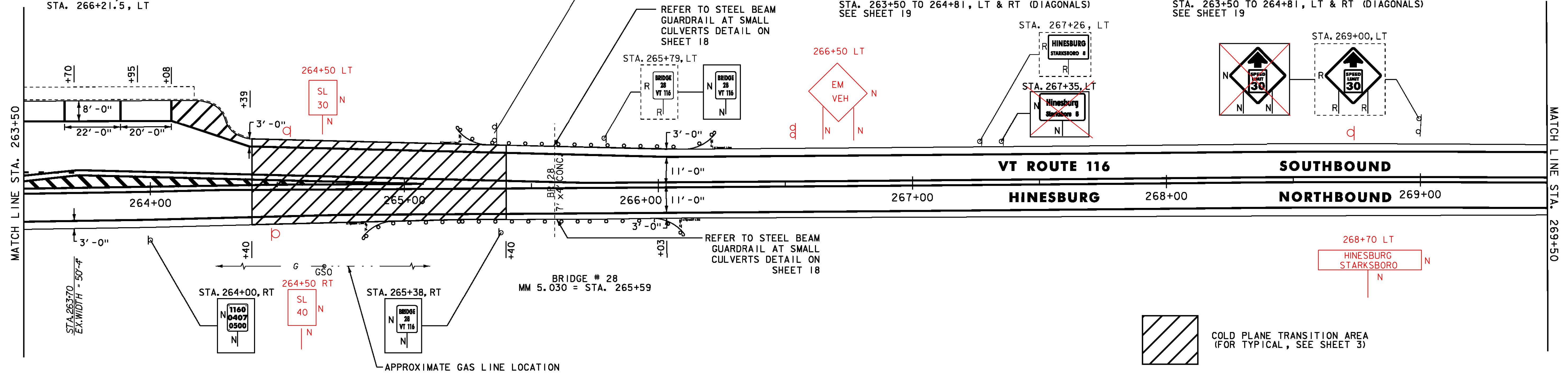
DURABLE 8 INCH YELLOW LINE
STA. 263+50 TO 264+81, LT & RT (DIAGONALS)
SEE SHEET 19

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 263+50 TO 269+50, SOLID LT & RT
STA. 263+50 TO 264+08, SOLID LT (PARKING)
STA. 263+50 TO 263+70, DOTTED LT
STA. 264+08 TO 264+39, SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 263+50 TO 265+08, DOUBLE SOLID LT
STA. 263+50 TO 265+08, DOUBLE SOLID RT
STA. 265+08 TO 269+50, SOLID LT & RT

TEMPORARY 8 INCH YELLOW LINE, PAINT
STA. 263+50 TO 264+81, LT & RT (DIAGONALS)
SEE SHEET 19

REMOVING SIGNS
AS SHOWN - 4



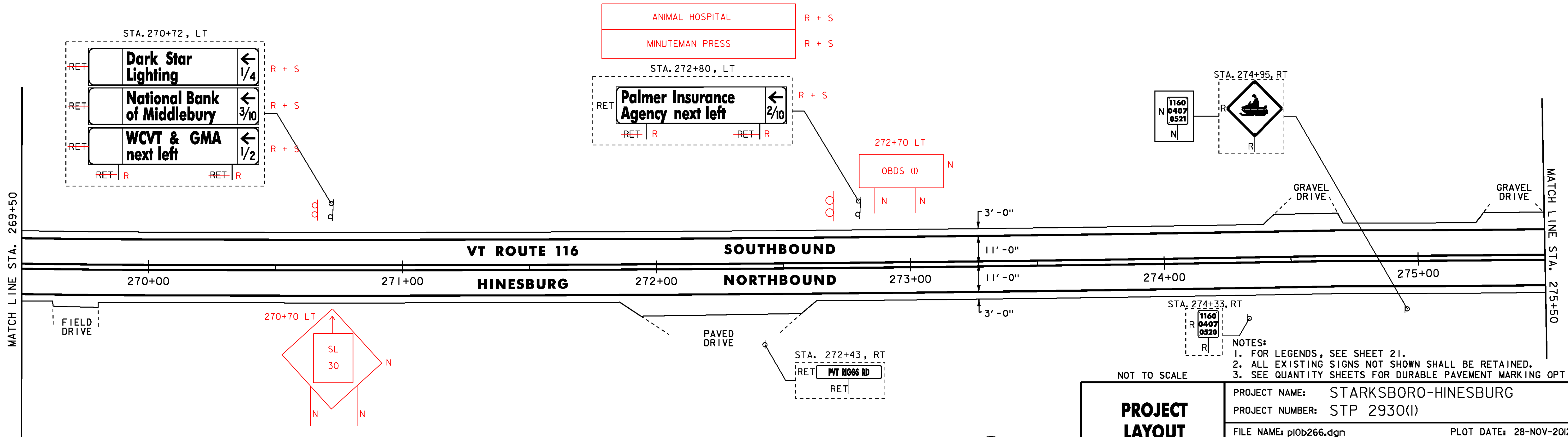
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

<p>PROJECT LAYOUT SHEET #53</p>	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
	IPARM FILE: p10b266153.i
	PLOT DATE: 28-NOV-2012
	DRAWN BY: STANTEC
	CHECKED BY: MCF
	SHEET 73 OF 119



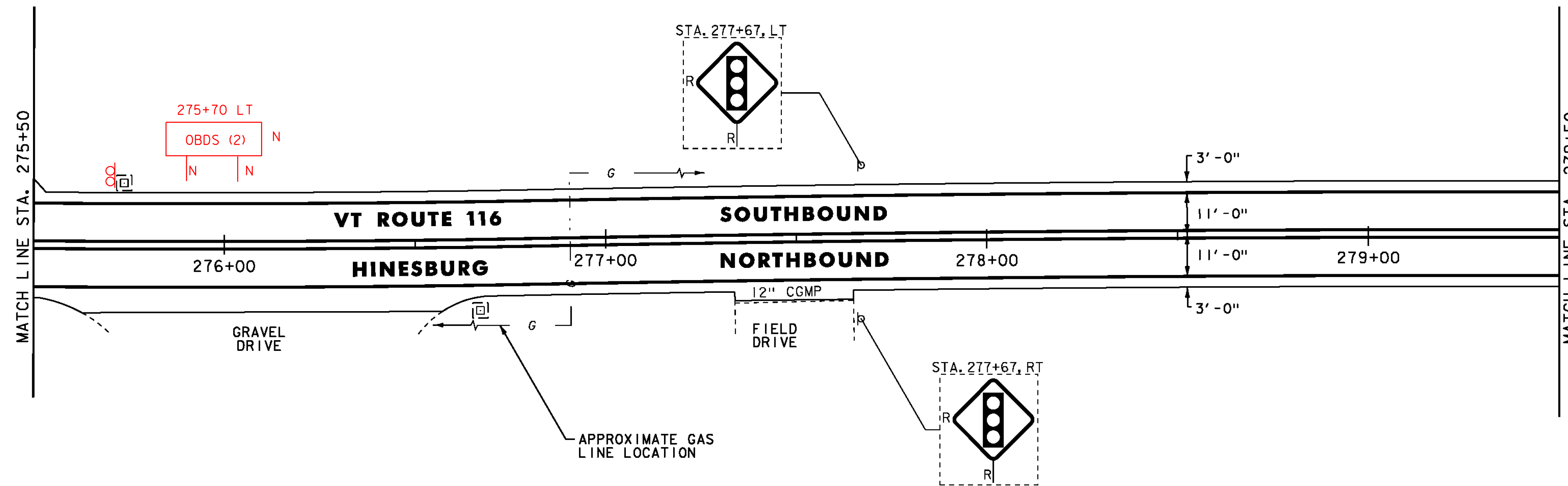
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 275+50 TO 279+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 275+50 TO 279+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 275+50 TO 279+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 275+50 TO 279+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 2



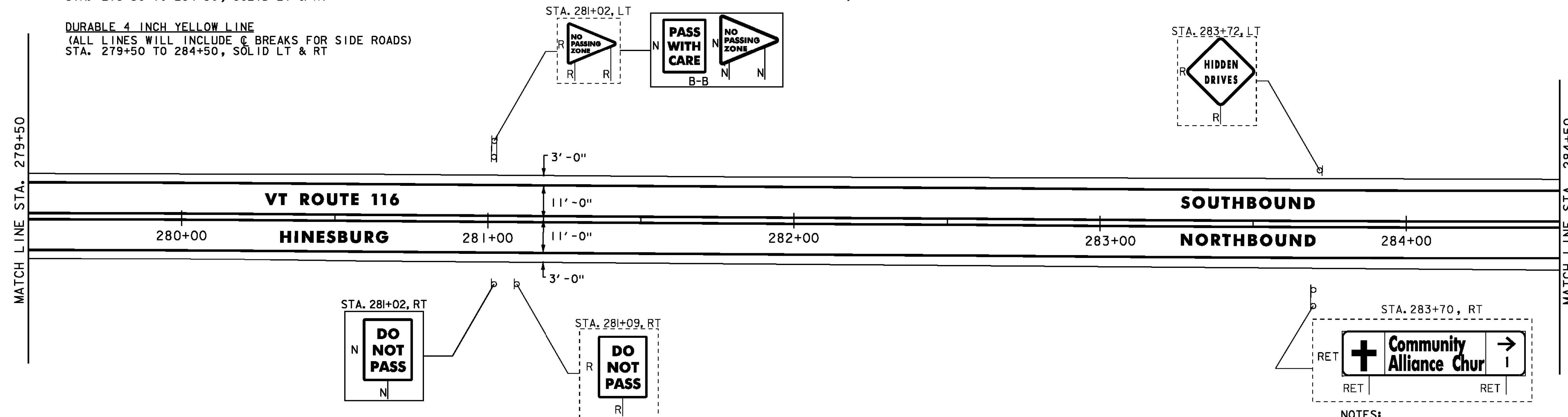
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 279+50 TO 284+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 279+50 TO 284+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 279+50 TO 284+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 279+50 TO 284+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 3



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #54**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i54.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 74 OF 119

STONE FILL, TYPE 1
 STA. 288+74 TO 288+80, LT
 STA. 289+21 TO 289+27, LT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA. 288+30 TO 290+50, LT
 STA. 288+42.5 TO 290+05, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 288+30, LT
 STA. 288+42.5, RT
 STA. 290+05, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 288+34 TO 290+50, LT
 STA. 288+43 TO 290+08, RT

24 INCH STOP BAR
 STA. 287+47, LT (SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, RT (CVU ROAD TH-7)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 284+50 TO 290+50, SOLID LT & RT
 STA. 287+47, SOLID LT (EDGELINES, SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, SOLID RT (EDGELINES, CVU ROAD TH-7)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 284+50 TO 290+50, SOLID LT & RT
 STA. 287+47, DOUBLE SOLID LT (SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, DOUBLE SOLID RT (CVU ROAD TH-7)

DURABLE 24 INCH STOP BAR
 STA. 286+90, RT
 STA. 288+05, LT

DURABLE CROSSWALK MARKING
 STA. 287+90, LT TO RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
 STA. 284+50 TO 290+50, SOLID LT & RT
 STA. 287+47, SOLID LT (EDGELINES, SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, SOLID RT (EDGELINES, CVU ROAD TH-7)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 284+50 TO 290+50, SOLID LT & RT
 STA. 287+47, DOUBLE SOLID LT (SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, DOUBLE SOLID RT (CVU ROAD TH-7)

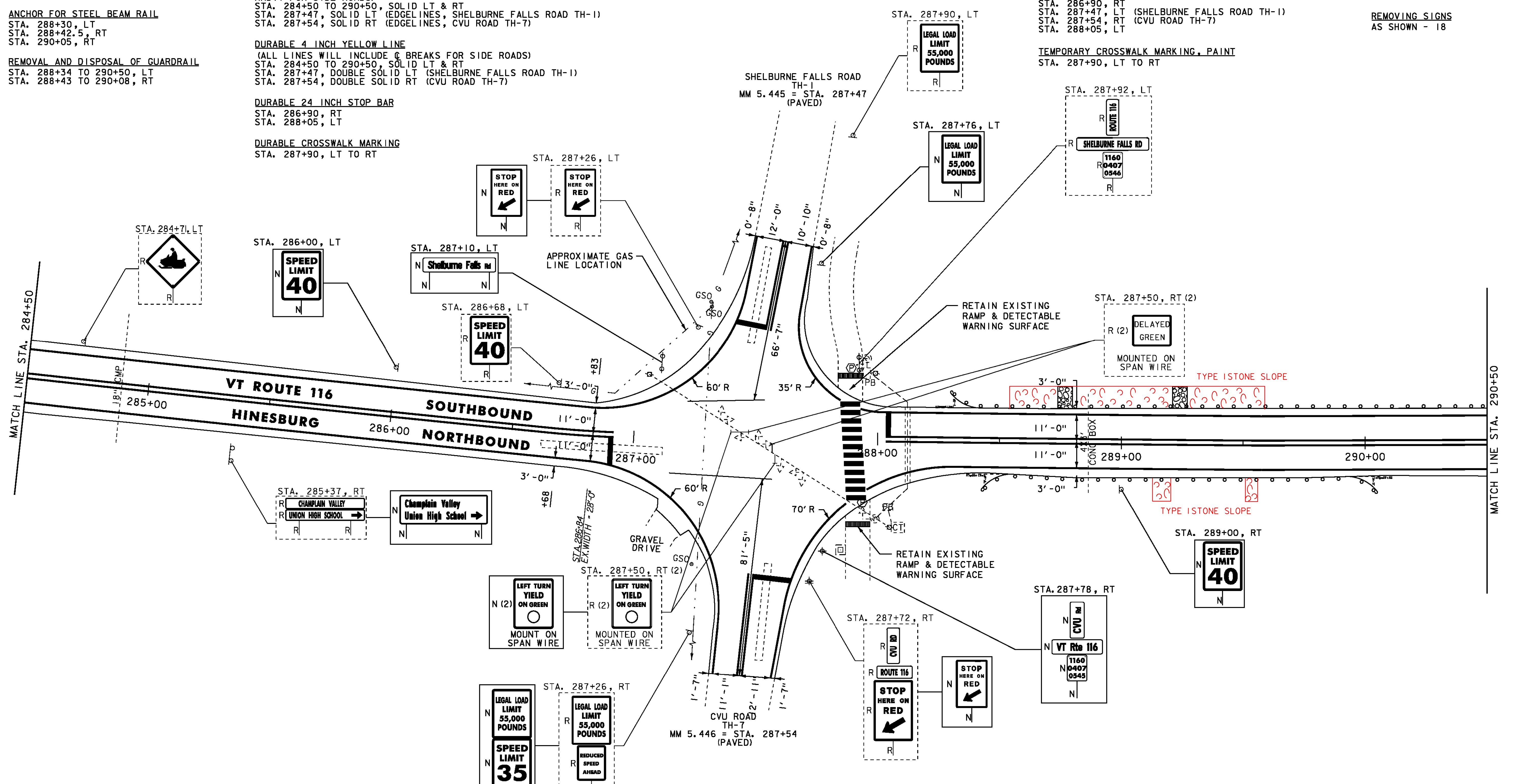
TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 286+90, RT
 STA. 287+47, LT (SHELBURNE FALLS ROAD TH-1)
 STA. 287+54, RT (CVU ROAD TH-7)
 STA. 288+05, LT

TEMPORARY CROSSWALK MARKING, PAINT
 STA. 287+90, LT TO RT

GEOTEXTILE UNDER STONE FILL
 STA. 288+74 TO 288+80, LT
 STA. 289+21 TO 289+27, LT

GRUBBING MATERIAL
 STA. 288+74 TO 288+80, LT
 STA. 289+21 TO 289+27, LT

REMOVING SIGNS
 AS SHOWN - 18



NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #55	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(I)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266155.i	SHEET 75 OF 119



STEEL BEAM GUARDRAIL, GALVANIZED
STA. 290+50 TO 290+67.5, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 290+50 TO 290+61, LT
STA. 291+98 TO 296+50, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 290+50 TO 296+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 290+50 TO 296+50, SOLID LT & RT

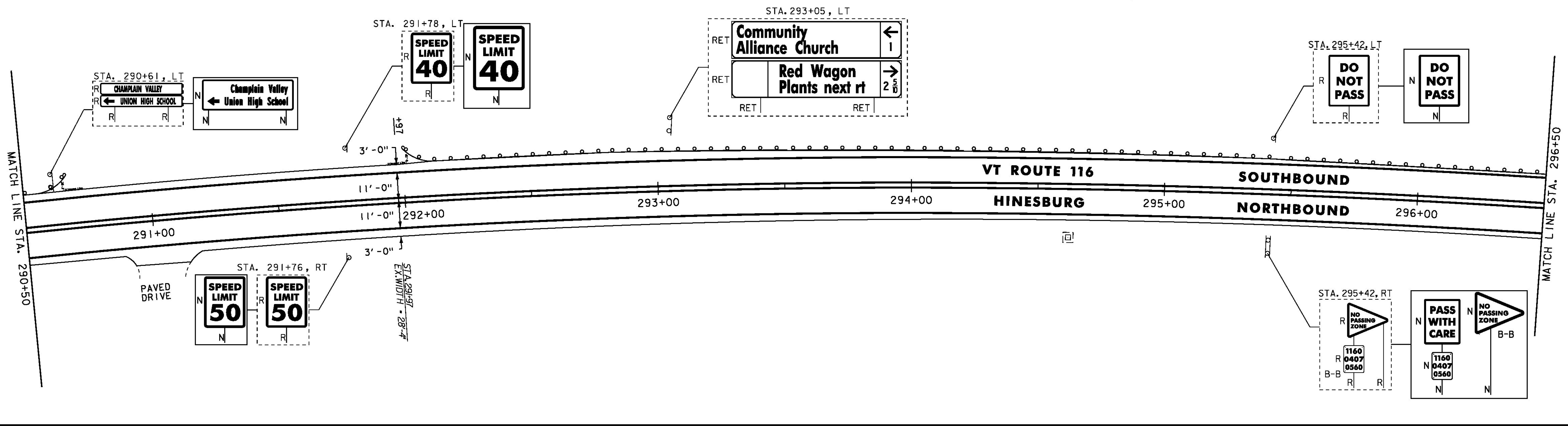
REMOVING SIGNS
AS SHOWN - 7

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 292+00 TO 296+50, LT

ANCHOR FOR STEEL BEAM RAIL
STA. 290+67.5, LT
STA. 292+00, LT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 290+50 TO 296+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 290+50 TO 296+50, SOLID LT & RT



STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 296+50 TO 302+50, LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 296+50 TO 302+50, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 296+50 TO 302+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)
STA. 296+50 TO 302+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 296+50 TO 302+50, SOLID LT & RT

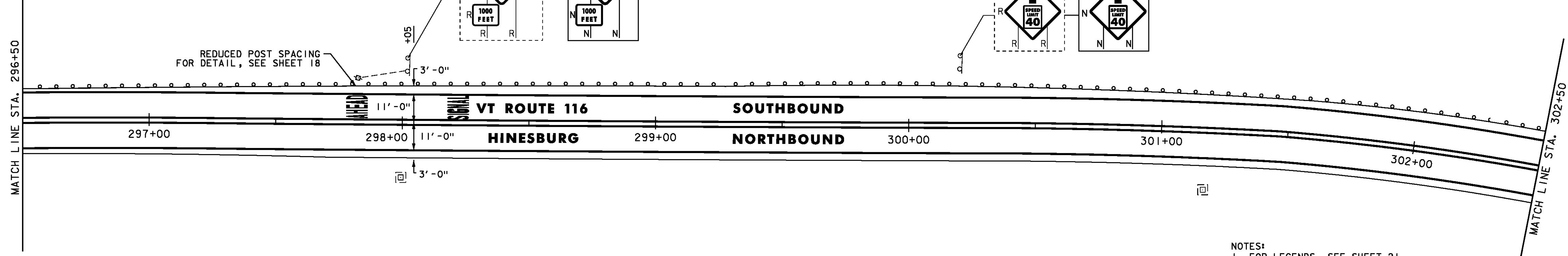
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 296+50 TO 302+50, SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
STA. 297+82, LT "AHEAD"
STA. 298+22, LT "SIGNAL"

REMOVING SIGNS
AS SHOWN - 3

SPECIAL PROVISION (RELOCATE FLASHING BEACON, GROUND MOUNTED)
STA. 298+02, LT

DURABLE LETTER OR SYMBOL
STA. 297+82, LT "AHEAD"
STA. 298+22, LT "SIGNAL"



NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE



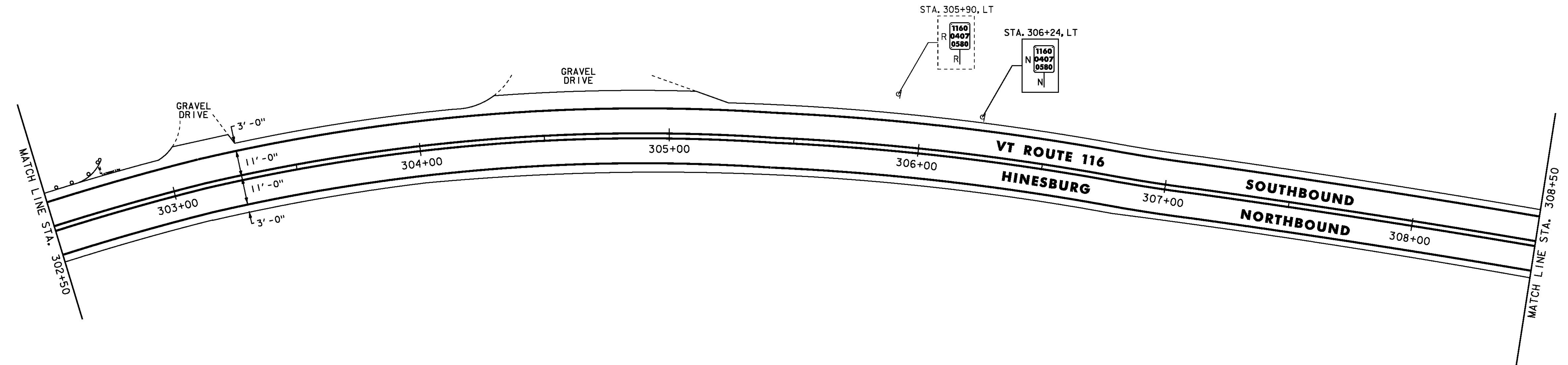
PROJECT LAYOUT SHEET #56	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	DRAWN BY: STANTEC
CHECKED BY: MCF	SHEET 76 OF 119
IPARM FILE: p10b266156.i	

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 302+50 TO 302+75, LT
ANCHOR FOR STEEL BEAM RAIL
 STA. 302+75, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 302+50 TO 302+76, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 302+50 TO 308+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
 STA. 302+50 TO 308+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 302+50 TO 308+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
 STA. 302+50 TO 308+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



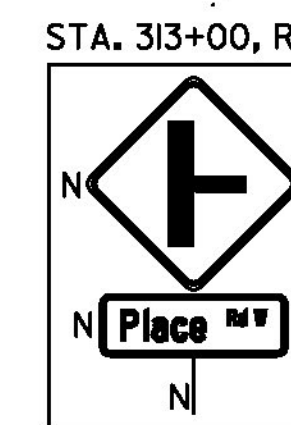
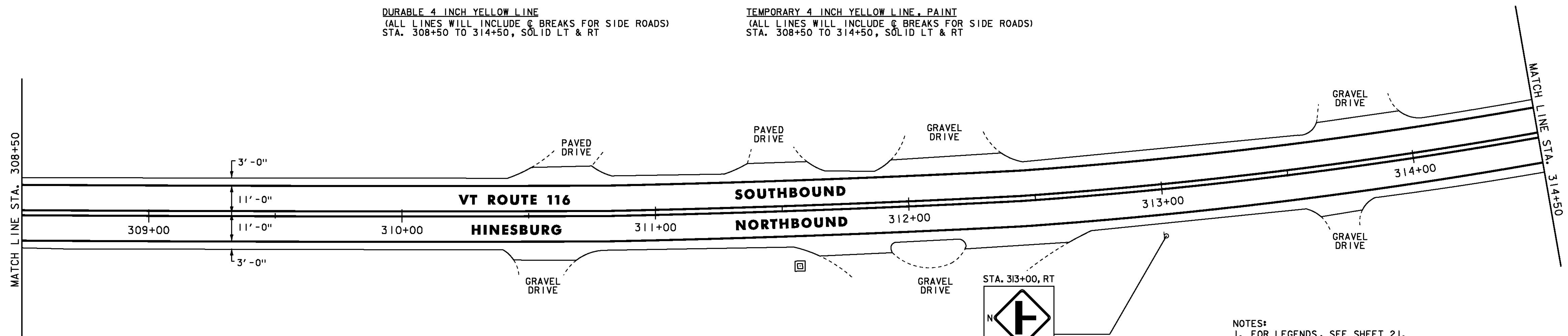
REHAB. DIS. CBS OR MHS, CLASS I OR II
 STA. 311+56, RT (THROAT DI)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 308+50 TO 314+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
 STA. 308+50 TO 314+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 308+50 TO 314+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
 STA. 308+50 TO 314+50, SOLID LT & RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #57



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266157.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 77 OF 119

24 INCH STOP BAR
 STA. 315+58, RT (PLACE ROAD WEST TH-15)

LETTER OR SYMBOL
 STA. 315+58, RT "STOP" (PLACE ROAD WEST TH-15)

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 314+50 TO 320+50, SOLID LT & RT
 STA. 315+58, SOLID RT (EDGELINES, PLACE ROAD WEST TH-15)

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 314+50 TO 320+50, SOLID LT & RT
 STA. 315+58, DOUBLE SOLID RT (PLACE ROAD WEST TH-15)

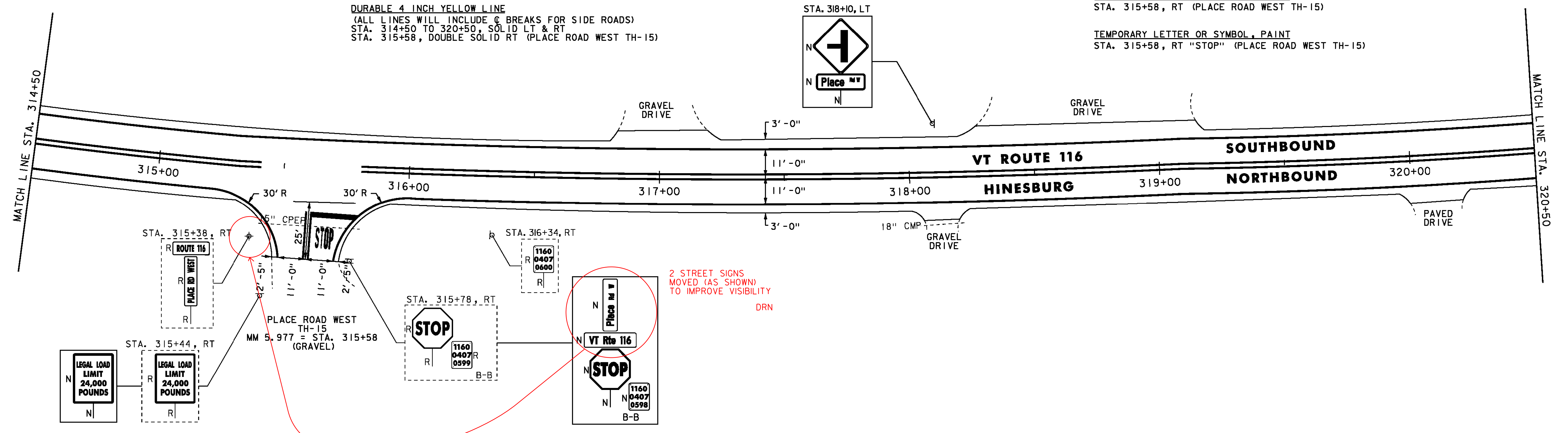
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 314+50 TO 320+50, SOLID LT & RT
 STA. 315+58, SOLID RT (EDGELINES, PLACE ROAD WEST TH-15)

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 314+50 TO 320+50, SOLID LT & RT
 STA. 315+58, DOUBLE SOLID RT (PLACE ROAD WEST TH-15)

REMOVING SIGNS
 AS SHOWN - 6

TEMPORARY 24 INCH STOP BAR, PAINT
 STA. 315+58, RT (PLACE ROAD WEST TH-15)

TEMPORARY LETTER OR SYMBOL, PAINT
 STA. 315+58, RT "STOP" (PLACE ROAD WEST TH-15)



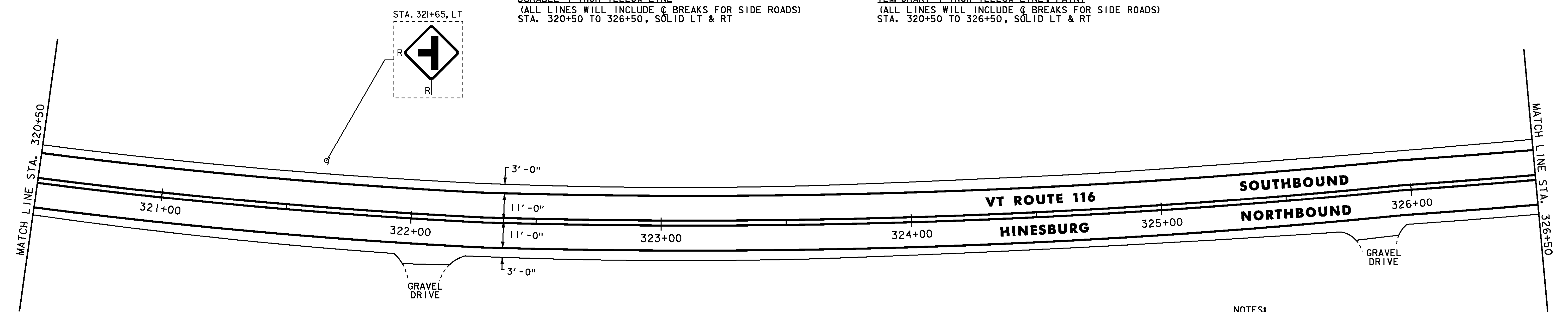
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 320+50 TO 326+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 320+50 TO 326+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADI FOR SIDE ROADS)
 STA. 320+50 TO 326+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 320+50 TO 326+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #58



PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(I)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 78 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266158.i	

STONE FILL, TYPE I
 STA. 327+37 TO 327+43, LT
 STA. 327+69 TO 327+75, LT
 STA. 327+77 TO 327+83, LT
 STA. 327+92 TO 328+10, LT
 STA. 329+16 TO 329+22, RT

BITUMINOUS CONCRETE GUTTERS
 AND TRAFFIC ISLANDS
 STA. 328+90, LT
 FOR DETAIL, SEE SHEET 18.

STA. 326+64, LT

STEEL BEAM GUARDRAIL, GALVANIZED
 W/8 FEET POSTS
 STA. 326+88.5 TO 330+51, LT
 STA. 327+05 TO 330+80, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 326+88.5, LT
 STA. 327+05, RT
 STA. 330+51, LT
 STA. 330+80, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 326+86 TO 330+52, LT
 STA. 327+08 TO 330+84, RT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 326+50 TO 332+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 326+50 TO 332+50, SOLID LT & RT

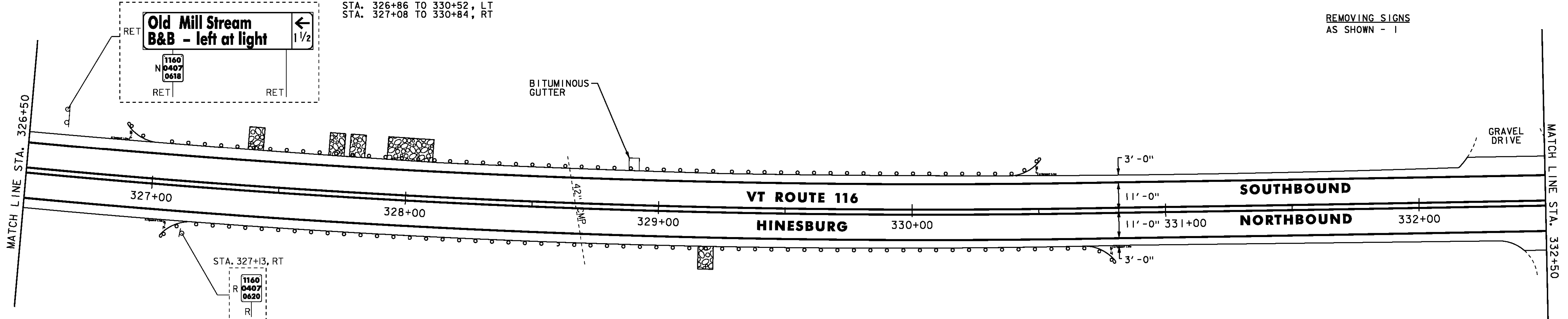
TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 326+50 TO 332+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 326+50 TO 332+50, SOLID LT & RT

GEOTEXTILE UNDER STONE FILL
 STA. 327+37 TO 327+43, LT
 STA. 327+69 TO 327+75, LT
 STA. 327+77 TO 327+83, LT
 STA. 327+92 TO 328+10, LT
 STA. 329+16 TO 329+22, RT

GRUBBING MATERIAL
 STA. 327+37 TO 327+43, LT
 STA. 327+69 TO 327+75, LT
 STA. 327+77 TO 327+83, LT
 STA. 327+92 TO 328+10, LT
 STA. 329+16 TO 329+22, RT

REMOVING SIGNS
 AS SHOWN - 1



STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 337+92.5 TO 338+50, LT
 STA. 337+95 TO 338+50, RT

ANCHOR FOR STEEL BEAM RAIL
 STA. 337+92.5, LT
 STA. 337+95, RT

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 337+92.5 TO 338+50, LT
 STA. 337+94 TO 338+50, RT

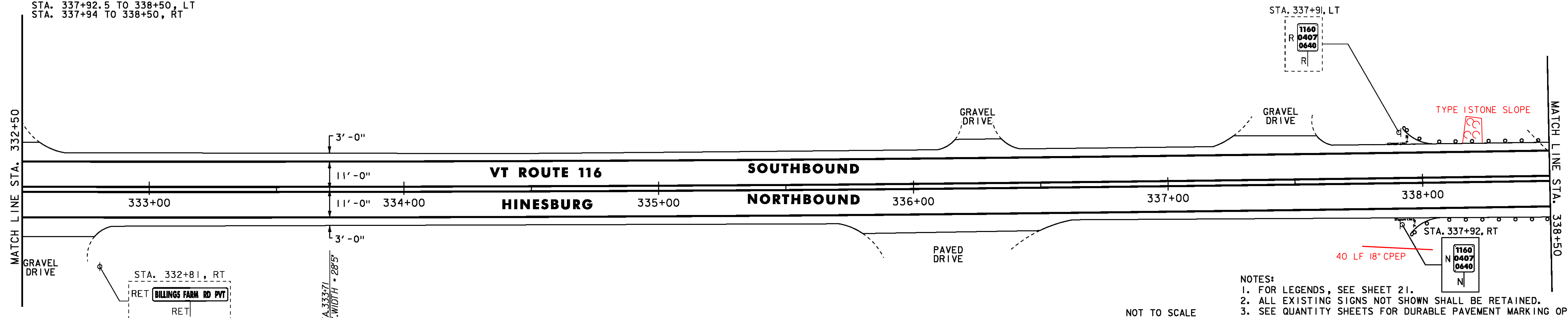
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 332+50 TO 338+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 332+50 TO 338+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 332+50 TO 338+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 332+50 TO 338+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

**PROJECT
 LAYOUT
 SHEET #59**



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266159.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 79 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED
STA. 343+47 TO 344+50, LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
STA. 338+50 TO 339+05, LT
STA. 338+50 TO 339+45, RT

ANCHOR FOR STEEL BEAM RAIL
STA. 339+05, LT
STA. 339+45, RT
STA. 343+47, LT

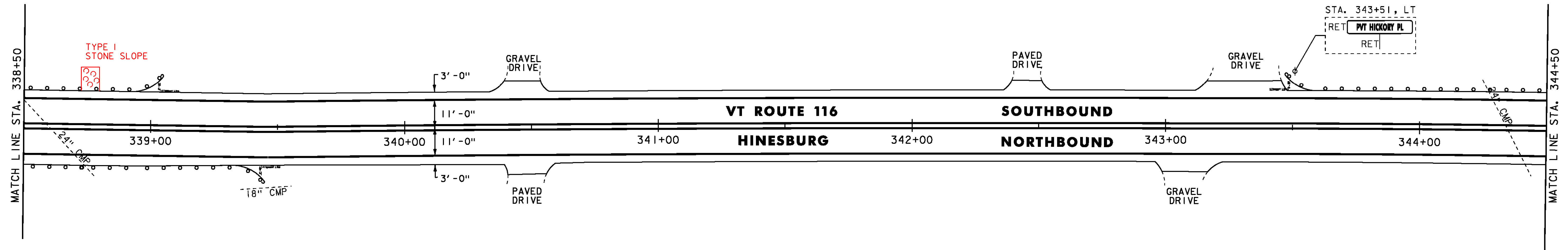
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 338+50 TO 339+08, LT
STA. 338+50 TO 339+46, RT
STA. 343+46.5 TO 344+50, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 338+50 TO 344+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 338+50 TO 344+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 338+50 TO 344+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 338+50 TO 344+50, SOLID LT & RT



STEEL BEAM GUARDRAIL, GALVANIZED
STA. 344+50 TO 346+47, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 346+47, LT

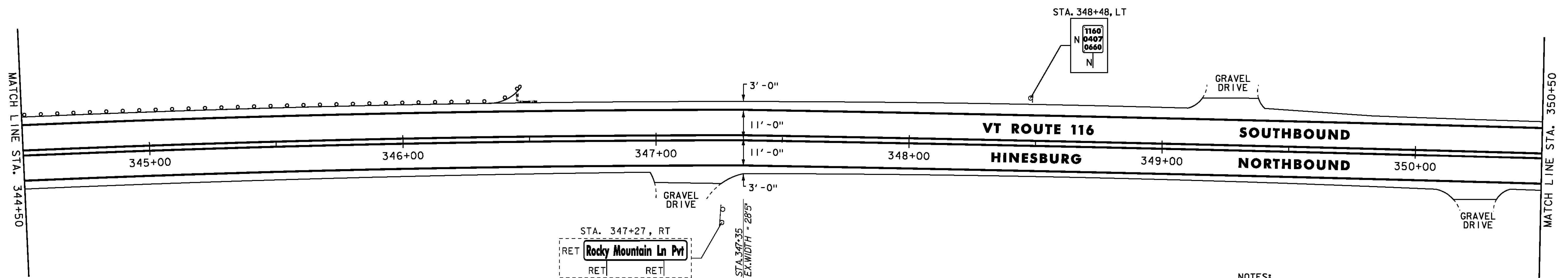
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 344+50 TO 346+46, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 344+50 TO 350+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 344+50 TO 350+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
STA. 344+50 TO 350+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 344+50 TO 350+50, SOLID LT & RT



- NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #60



PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266160.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 80 OF 119

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
 STA. 351+80 TO 353+67.5, LT

ANCHOR FOR STEEL BEAM RAIL
 STA. 351+80, LT
 STA. 353+67.5, LT

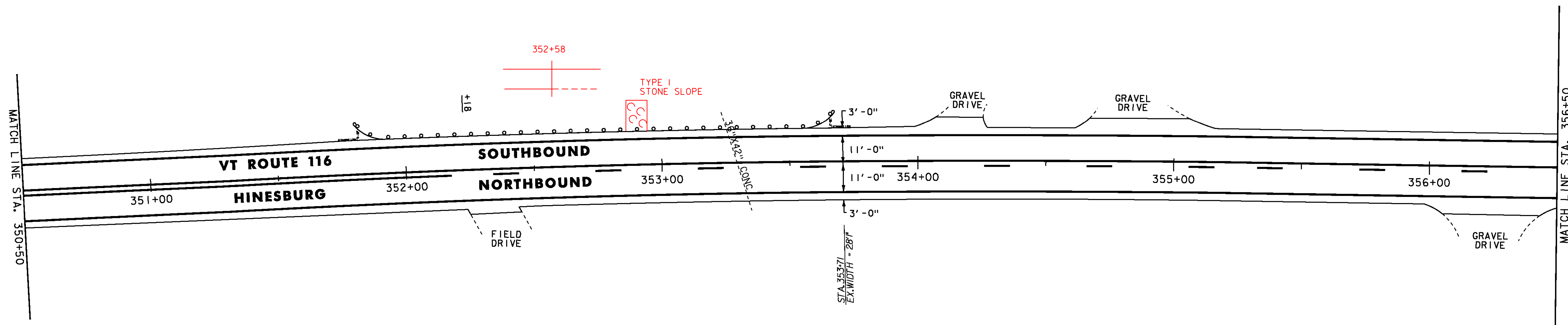
REMOVAL AND DISPOSAL OF GUARDRAIL
 STA. 351+78 TO 353+67, LT

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 350+50 TO 356+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 350+50 TO 352+18, SOLID LT & RT
 STA. 352+18 TO 356+50, SOLID LT, DASHED RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 350+50 TO 356+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 350+50 TO 352+18, SOLID LT & RT
 STA. 352+18 TO 356+50, SOLID LT, DASHED RT

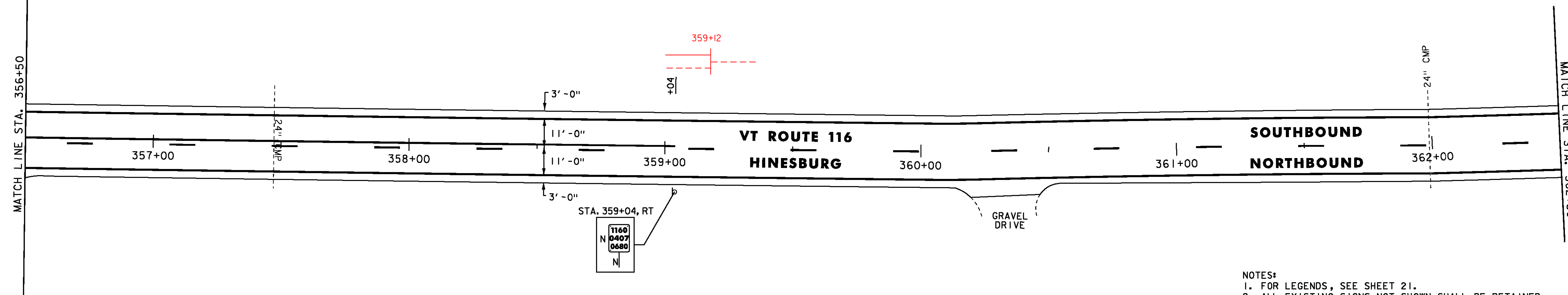


DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 356+50 TO 362+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 356+50 TO 359+04, SOLID LT, DASHED RT
 STA. 359+04 TO 362+50, DASHED C

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIi FOR SIDE ROADS)
 STA. 356+50 TO 362+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 356+50 TO 359+04, SOLID LT, DASHED RT
 STA. 359+04 TO 362+50, DASHED C



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #61



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266161.i

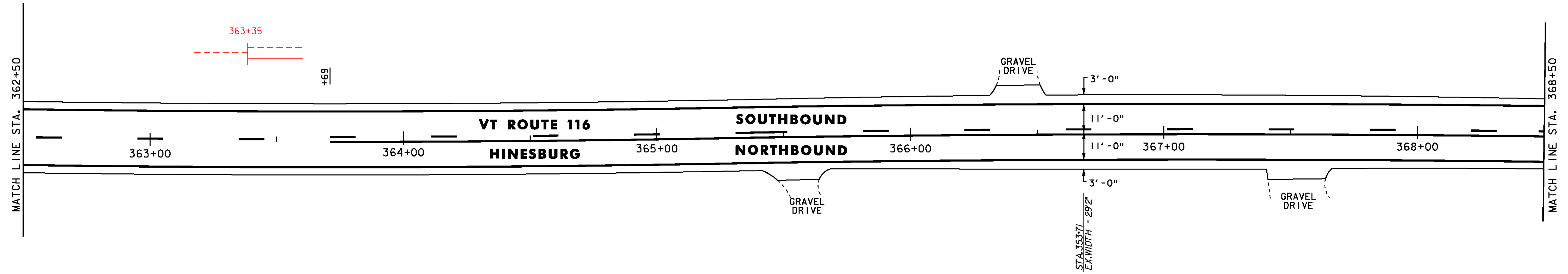
PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 81 OF 119

DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 362+50 TO 368+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 362+50 TO 368+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 362+50 TO 363+69, DASHED C
 STA. 363+69 TO 368+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 362+50 TO 363+69, DASHED C
 STA. 363+69 TO 368+50, DASHED LT, SOLID RT



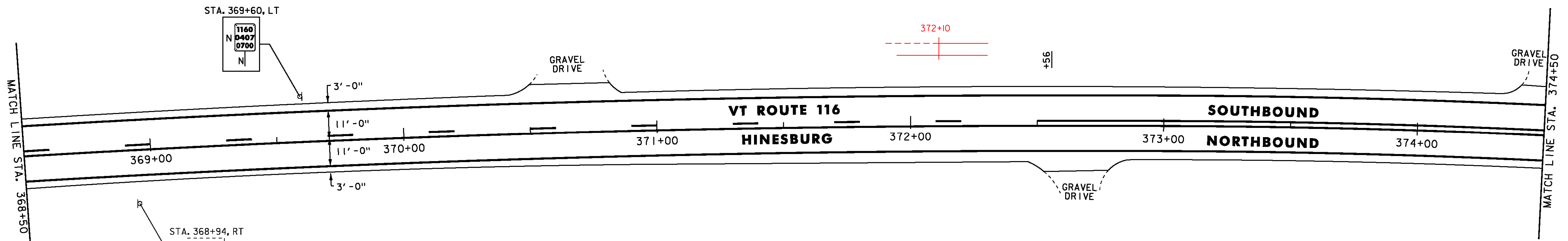
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 368+50 TO 374+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 368+50 TO 374+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 368+50 TO 372+56, DASHED LT, SOLID RT
 STA. 372+56 TO 374+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
 STA. 368+50 TO 372+56, DASHED LT, SOLID RT
 STA. 372+56 TO 374+50, SOLID LT & RT



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #62



PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266i62.i

PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 82 OF 119

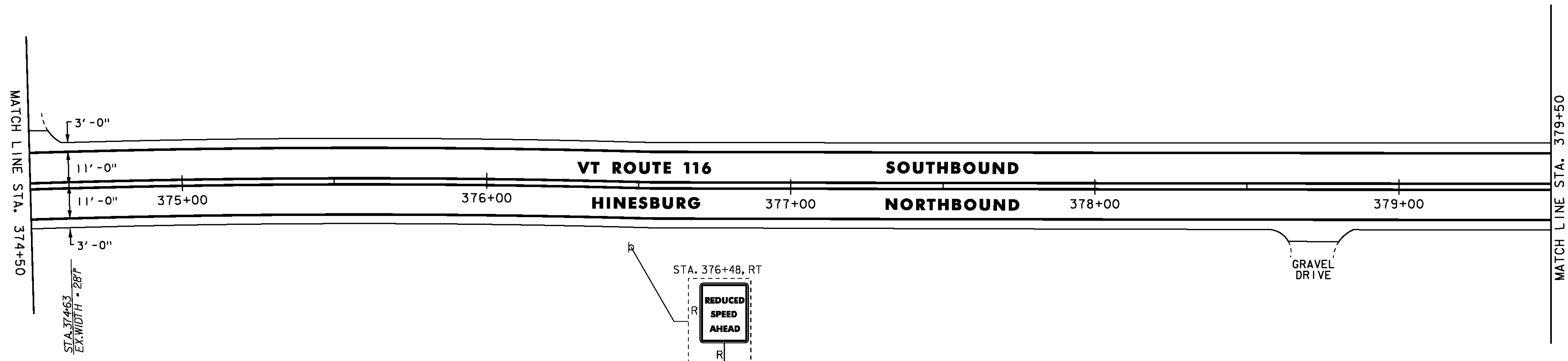
DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 374+50 TO 379+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 374+50 TO 379+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 374+50 TO 379+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 374+50 TO 379+50, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 1



DURABLE 4 INCH WHITE LINE
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 379+50 TO 381+69.12, SOLID LT & RT

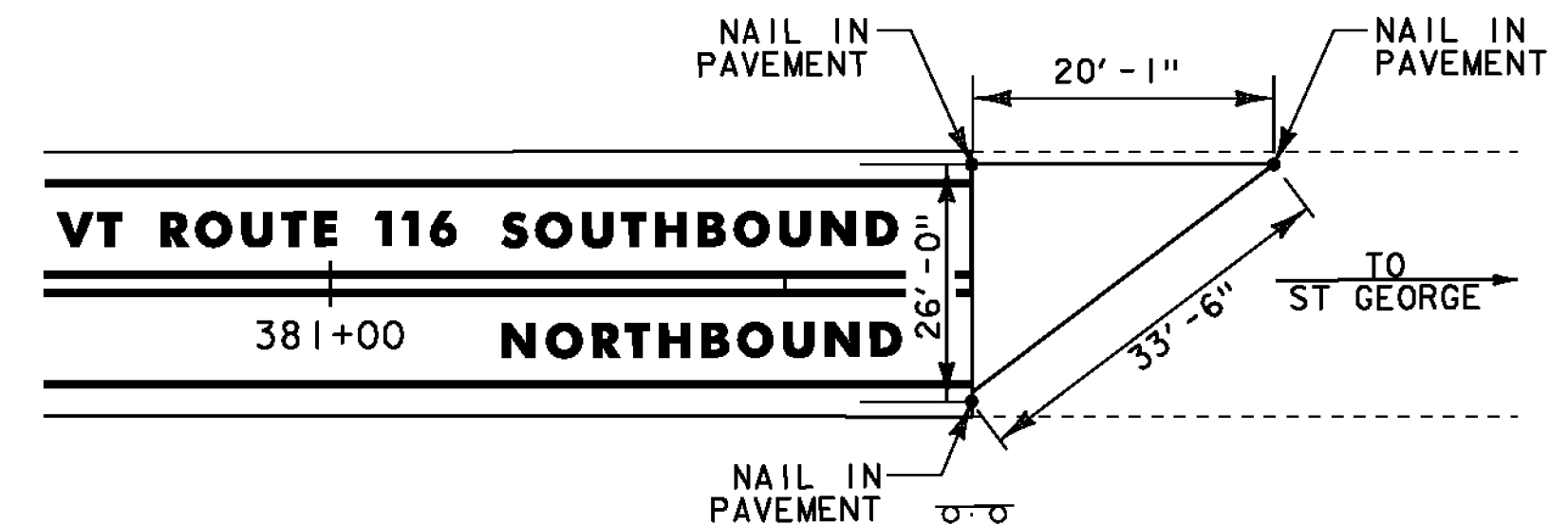
DURABLE 4 INCH YELLOW LINE
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 379+50 TO 381+69.12, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
 (ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
 RADII FOR SIDE ROADS)
 STA. 379+50 TO 381+69.12, SOLID LT & RT

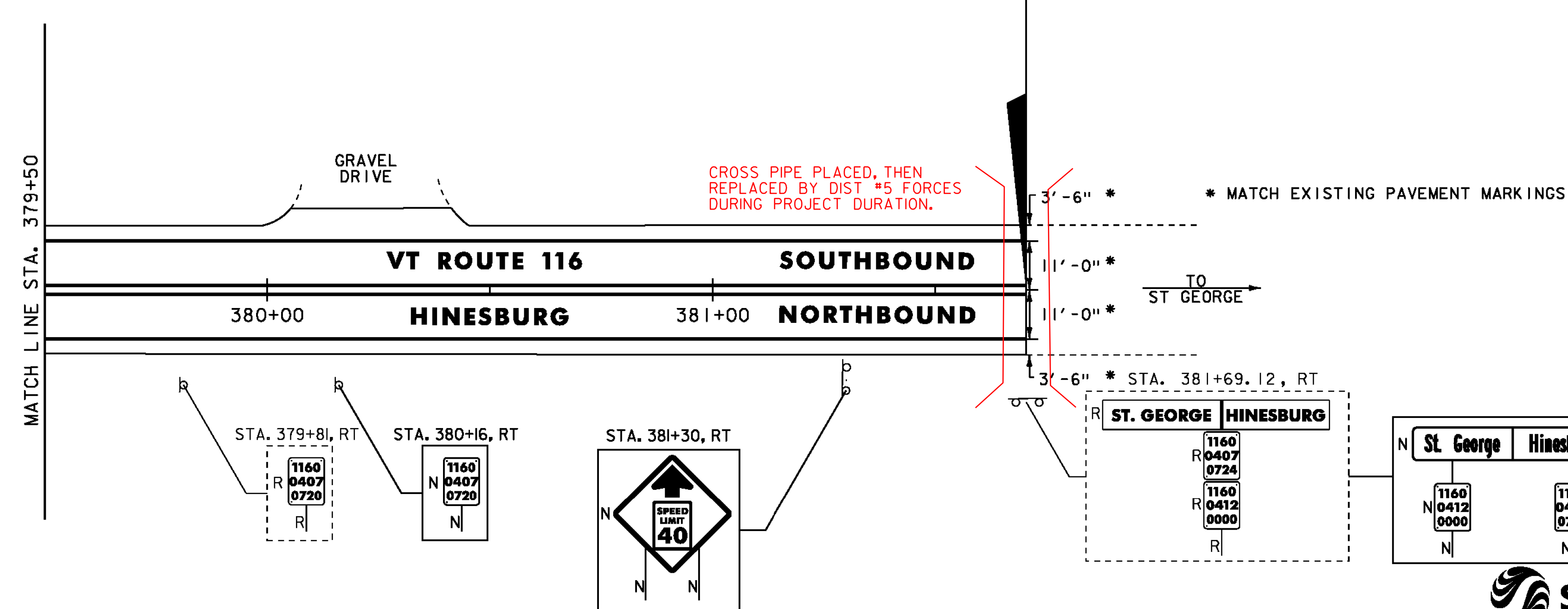
TEMPORARY 4 INCH YELLOW LINE, PAINT
 (ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
 STA. 379+50 TO 381+69.12, SOLID LT & RT

REMOVING SIGNS
 AS SHOWN - 4

VT ROUTE 116 END PROJECT LOCATION TIES



**END STP 2930(1) VT ROUTE 116
 HINESBURG STA. 381+69.12 = MM 7.229**



- NOTES:
 1. FOR LEGENDS, SEE SHEET 21.
 2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
 3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #63

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
 PROJECT LEADER: JLL DRAWN BY: STANTEC
 DESIGNED BY: STANTEC CHECKED BY: MCF
 IPARM FILE: p10b266163.i SHEET 83 OF 119



TRAFFIC SIGN SUMMARY SHEET 04

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST. POST	NO. OF POSTS	NEW SIGN POSTS															REMARKS	SIGN DETAIL																						
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	SALVAGE	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)					W-SHAPE STEEL		FRAMING	DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER																	
												1.2	2.0	3.0	1.75	2.0	2.5	ANCHOR	SLERVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0		3.5	4.0					5.0	FTG. SIZE	WEIGHT	POST SIZE													
																																				lb/ft	lb/ft	lb/ft	lb/ft	lb/ft	24"	30"						
STARKSBORO																																																
179+52, LT		I	6	10	0.42				1			X			X																				VD-700			E-138										
182+03, LT		I	30	36	7.50				1						X																				R2-1	X												
182+03, RT		I	24	30	5.00				1						X																				R2-1	X												
184+28, LT		I	30	18	3.75				1						X																					VD-018		115										
187+36, LT		I	36	36	9.00				2						X																						W3-5	X										
190+08, RT		I	6	10	0.42				1			X																										VD-700			E-138							
198+50, RT		I	36	36	9.00				2						X																								VW-202			E-154						
200+64, LT		I	6	10	0.42				1			X																												VD-700			E-138					
207+50, LT		I	36	36	9.00				2						X																										VW-202			E-154				
211+20, RT		I	6	10	0.42				1			X																														VD-700			E-138			
216+65, LT		I	30	30	6.25				1						X																											RI-1	X					
217+58, LT		I	24	30	5.00				1						X																														VR-017			E-141
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS												FT		FT		FT		FT		EA		LB		LB		LB		EA		EA		EA		EA		EA		EA		EA		EA		EA				
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."												-42- 30.25		-167- 153																																		
TOTALS		SF		SF		EA.		SF		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.		EA.				
		56.18										-209- 183.25																																				

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266tss04.i
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 87 OF 119

TRAFFIC SIGN SUMMARY SHEET 07

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL										
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS		S A L V A G E	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			RE S I G N E D	RE Q U I R E D	RE M A R K S	DE T A I L I N S H M B O O K	DE T A I L O N S H E E T N U M B E R	S T D. S H E E T N U M B E R					
											lb/ft	2.0	3.0	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	
																																					1.12
STARKSBORO																																					
316+80, RT		I	6	10	0.42				1			X				X																	VD-700			E-138	
325+45, RT		I	6	8	0.33				1			X				X																	VD-701			E-134	
325+70, LT		I	6	8	0.33				1			X				X																	VD-701			E-134	
327+36, LT		I	6	10	0.42				1			X				X																	VD-700			E-138	
337+92, RT		I	6	10	0.42				1			X				X																	VD-700			E-138	
348+48, LT		I	6	10	0.42				1			X				X																	VD-700			E-138	
352+17.60, LT	 	I	72	10	5.00				2			X				X																	VD-024 VD-025 VD-700 VD-700		112 115	E-138 E-138	
HINESBURG																																					
10+56, RT		I	6	10	0.42				1			X				X																		VD-700			E-138
14+64, LT	 	I	42	12	3.50				1							X																	D3-1 RI-1 VD-700		112	E-138	
15+04, LT		I	24	30	5.00				1			X				X																	VR-017			E-141	
15+35, LT		I	54	12	4.50				2			X				X																	D3-1		112		
<p>"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS</p> <p>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."</p>																																					
TOTALS		SF				SF		EA.	SF		FT	FT	FT	FT	FT	FT	EA	LB	LB	LB	EA	LB	LB	LB	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.
		33.27																																			

**TRAFFIC
SIGN
SUMMARY
SHEET #7**

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tss07.i
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 90 OF 119

TRAFFIC SIGN SUMMARY SHEET 09

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXISTING POSTS	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL									
				"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL			TUBULAR ALUMINIUM			TUBULAR STEEL				W-SHAPE STEEL				DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER							
		EA	WIDTH (In)							HEIGHT (In)	1.75	2.0	2.5	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA					EA						
		lb/ft	lb/ft	lb/ft	EA	EA	EA			EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA													
HINESBURG																																				
46+68, RT		I	24	30	5.00																										VR-656			E-140		
47+87, LT		I	30	12	2.50																										R3-9DP	X				
		I	24	24	4.00																											R8-3	X			
47+87, LT		I	72	12	6.00																															
		I	72	12	6.00																															
49+46, LT		I	30	12	2.50																															
		I	24	24	4.00																															
51+50, LT		I	30	30	6.25																															
		I	36	12	3.00																															
52+80, RT		I	6	10	0.42																															
55+96, LT		I	36	12	3.00																															
		I	42	12	3.50																															
		I	30	30	6.25																															
		I	6	10	0.42																															
<p>"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS</p> <p>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."</p>																																				
TOTALS		SF			SF	EA	SF			FT	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b2661ss09.i
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 92 OF 119

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF SALVAGED POSTS	NEW SIGN POSTS														REMARKS	SIGN DETAIL							
		E	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		DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUN-DATION	3.0	3.5	4.0		5.0	FTG. SIZE				WEIGHT	POST SIZE	
																										1.3						1.7
HINESBURG																																
168+96, LT		I	6	10	0.42							X																VD-700			E-138	
174+14, RT		I	6	8	0.33							X																VD-701			E-134	
174+40, LT		I	6	8	0.33							X																VD-701			E-134	
175+32, RT		I	54	12	4.50								X															D3-1		I13		
175+35, RT		I	24	30	5.00								X															VR-017			E-141	
176+40, RT		I	42	12	3.50																							D3-1		I12		
		I	30	30	6.25									X														RI-1	X			
		I	6	10	0.42																							VD-700			E-138	
179+52, RT		I	6	10	0.42							X																VD-700			E-138	
189+17, LT		I	30	30	6.25								X															W11-5	X			
190+08, LT		I	6	10	0.42							X																VD-700			E-138	
197+71, RT		I	36	36	9.00								X															W3-5	X			
199+17, RT		I	30	18	3.75								X															VD-018		I15		
200+64, RT		I	6	10	0.42							X																VD-700			E-138	
<p>"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS</p> <p>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."</p>																																
TOTALS					SF	SF	EA.	SF			FT	FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB							
					41.01																											

TRAFFIC SIGN SUMMARY SHEET #15

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266tss15.i
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: STANTEC
 SHEET 98 OF 119

TRAFFIC SIGN SUMMARY SHEET 18

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXISTING POST RETAINED	NO. OF SALVAGED 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		DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER								
											lb/ft	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUN-DATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE											
																														1.12	2.0	3.0	1.88	2.42	3.35	1.3	1.7
HINESBURG																																					
230+46, LT		I	24	8	1.33																										EXISTING FLASHING BEACON TO BE REMOVED AND SALVAGED ON NEW POSTS S4-3P (FLUORESCENT YELLOW-GREEN) R2-1 S4-4P (FLUORESCENT YELLOW-GREEN)	X					
230+46, RT		I	24	30	5.00																										R2-1 S5-3	X					
231+13, LT		I	36	12	3.00																										D3-1 INSTALL STREET SIGNS 90 DEGREES TO EACH OTHER ABOVE STOP SIGN D3-1 R1-1 VD-700			114 112 E-138			
231+48, LT		I	24	30	5.00																										VR-017 R2-1			E-141			
233+93, LT		I	30	30	6.25																										VR-921			E-145A			
234+45, LT		I	36	36	9.00																										SI-1 (FLUORESCENT YELLOW-GREEN) S4-3P (FLUORESCENT YELLOW-GREEN)	X					
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS																																					
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."																																					
				</																																	

TRAFFIC SIGN SUMMARY SHEET 26

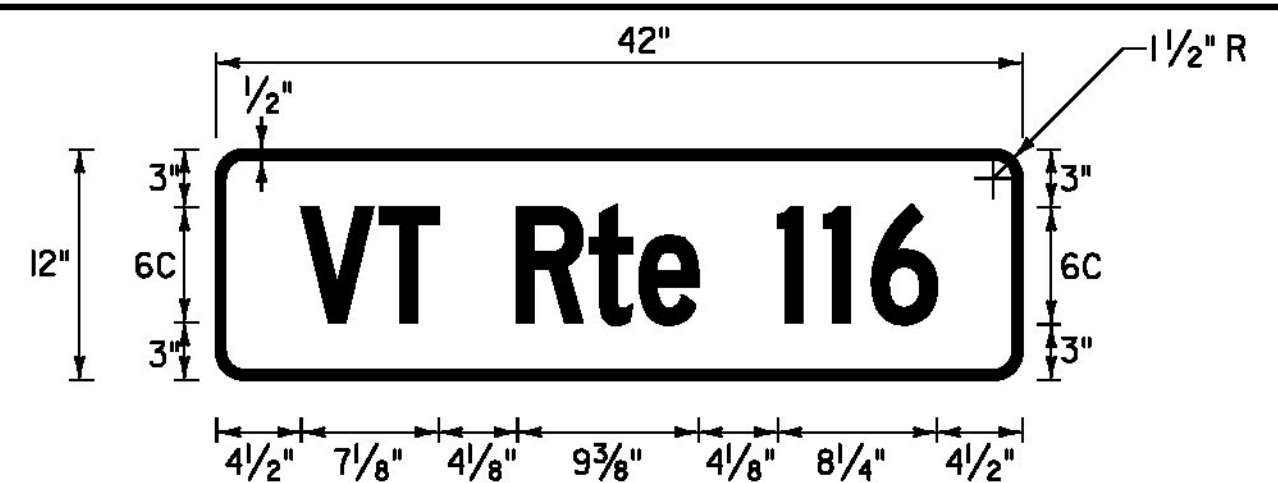
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL					
		E	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											lb/ft	1.75	2.0	2.5	ANCHOR	S	3.0	4.0	4.0 MOD	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE	
																																1.12
295+42, LT		I	24	30	5.00				1				X		X												R4-1	X				
298+02, LT		I	30	30	6.25	9-II			2				16.5			X											EXISTING FLASHING BEACONS TO BE REMOVED AND SALVAGED ON NEW POSTS			X		
		I	24	18	3.00	9-II								17.5														W3-3	X			
300+20, LT		I	36	36	9.00				2				X		X												W3-5	X				
306+24, LT		I	6	10	0.42				1			X			X												VD-700			E-138		
313+00, RT		I	30	30	6.25				1						X	X											W2-2R	X				
		I	36	12	3.00									14.5													W16-8P		114			
315+44, RT		I	24	30	5.00				1			X			X												VR-017			E-141		
315+78, RT		I	42	12	3.50																						D3-1 INSTALL STREET SIGNS 90 DEGREES TO EACH OTHER ABOVE STOP SIGN				114	
		I	42	12	3.50					1					X	X											D3-1		112			
		I	30	30	6.25																						RI-1	X				
		I	6	10	0.42																						VD-700			E-138		

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

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	51.59		2																

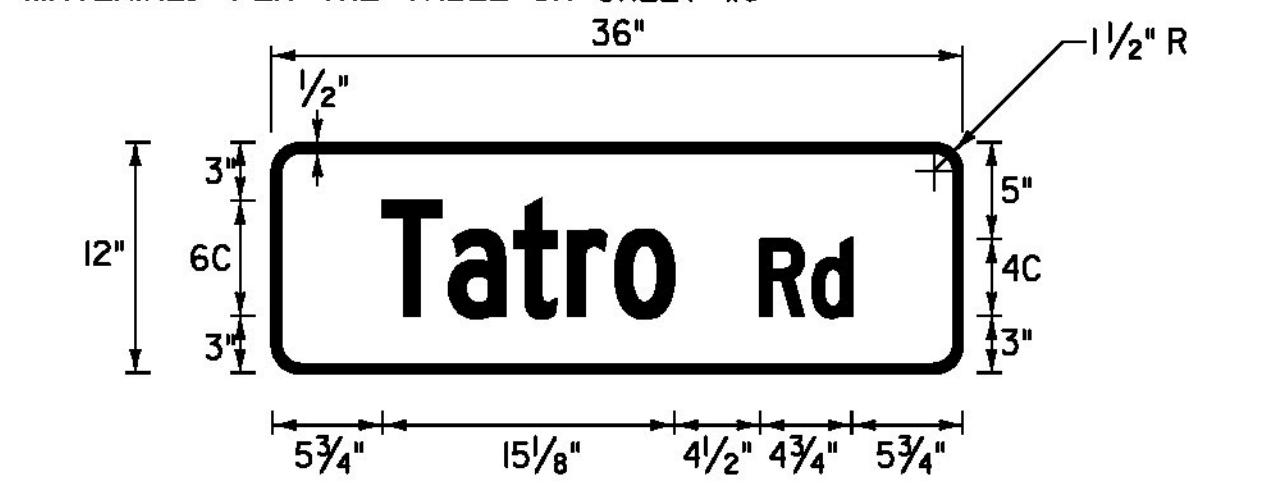
TRAFFIC SIGN SUMMARY SHEET #26

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)
FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tss26.i
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 109 OF 119

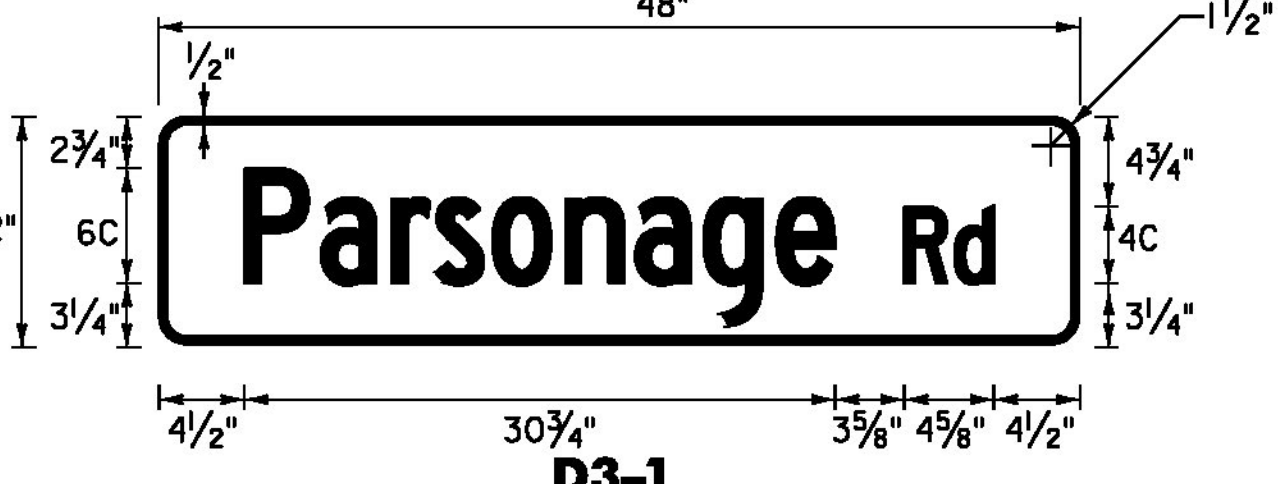


D3-1
 LOCATION: STARKSBORO STA. 114+52, LT; HINESBURG STA. 14+64, LT; HINESBURG STA. 163+73, LT; STARKSBORO STA. 156+20, RT; STARKSBORO STA. 164+85, RT; STARKSBORO STA. 176+40, RT; STARKSBORO STA. 205+80, RT; STARKSBORO STA. 217+61, LT; STARKSBORO STA. 231+13, LT; STARKSBORO STA. 242+73, LT; STARKSBORO STA. 258+00, RT; HINESBURG STA. 45+15, RT; HINESBURG STA. 55+96, RT; HINESBURG STA. 67+55, RT; HINESBURG STA. 88+05, RT; HINESBURG STA. 99+87, RT; HINESBURG STA. 122+60, RT; HINESBURG STA. 239+62, LT; HINESBURG STA. 250+81, RT; HINESBURG STA. 251+13, RT; HINESBURG STA. 287+78, RT; HINESBURG STA. 315+78, RT

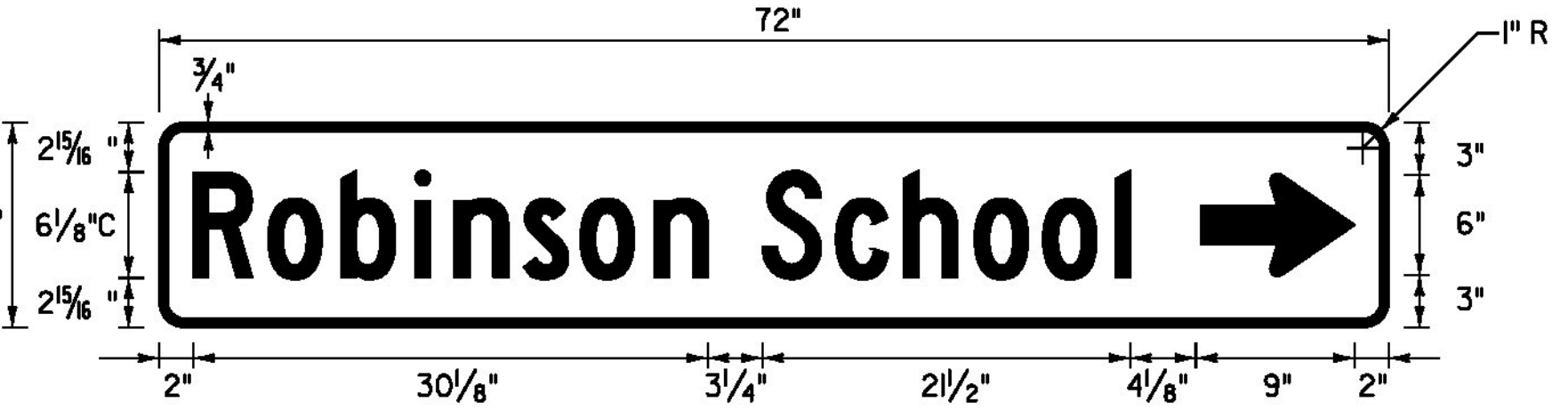
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



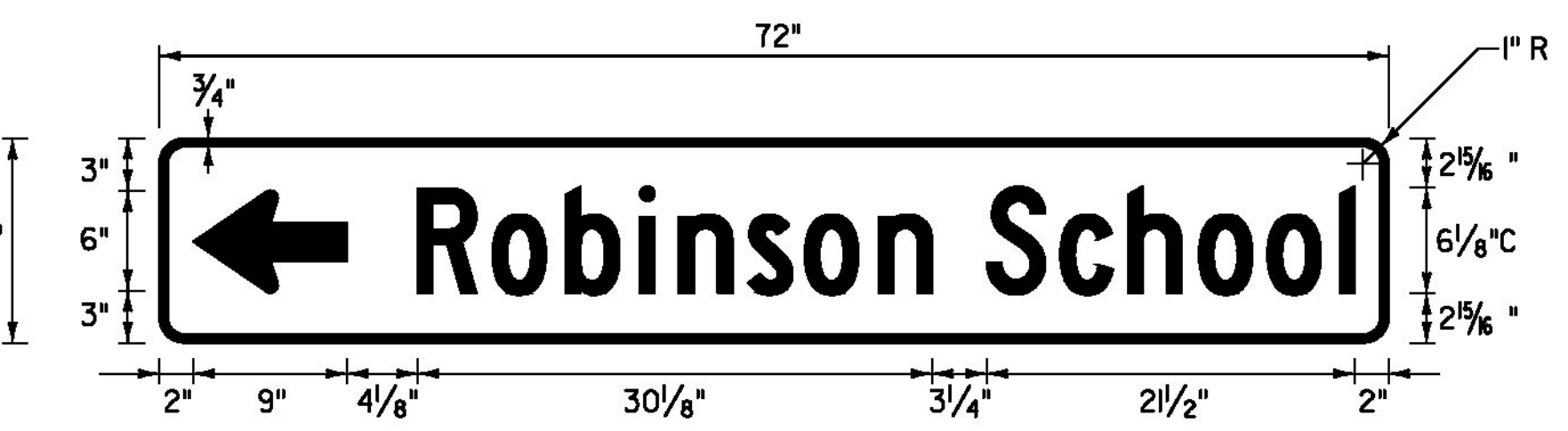
D3-1
 LOCATION: STARKSBORO STA. 114+52, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



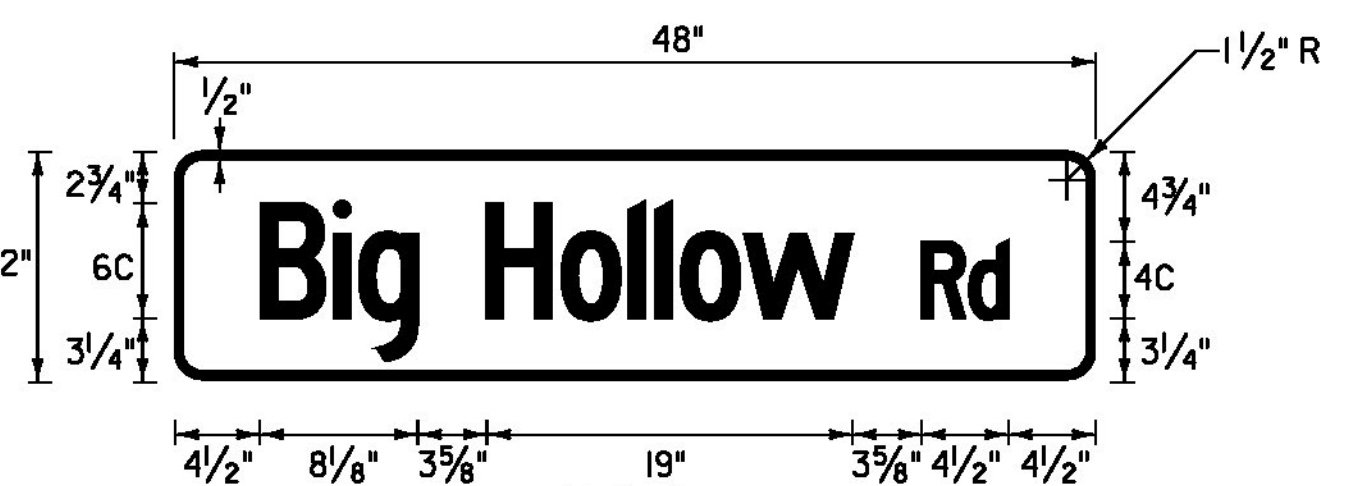
D3-1
 LOCATION: STARKSBORO STA. 144+73, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



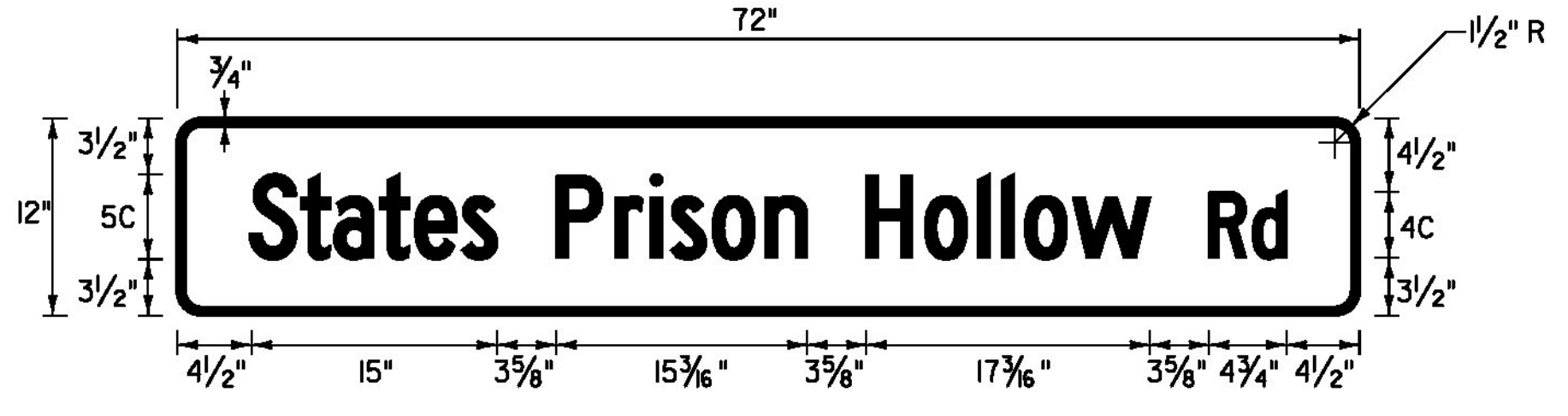
VD1-1
 LOCATION: STARKSBORO STA. 145+10, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



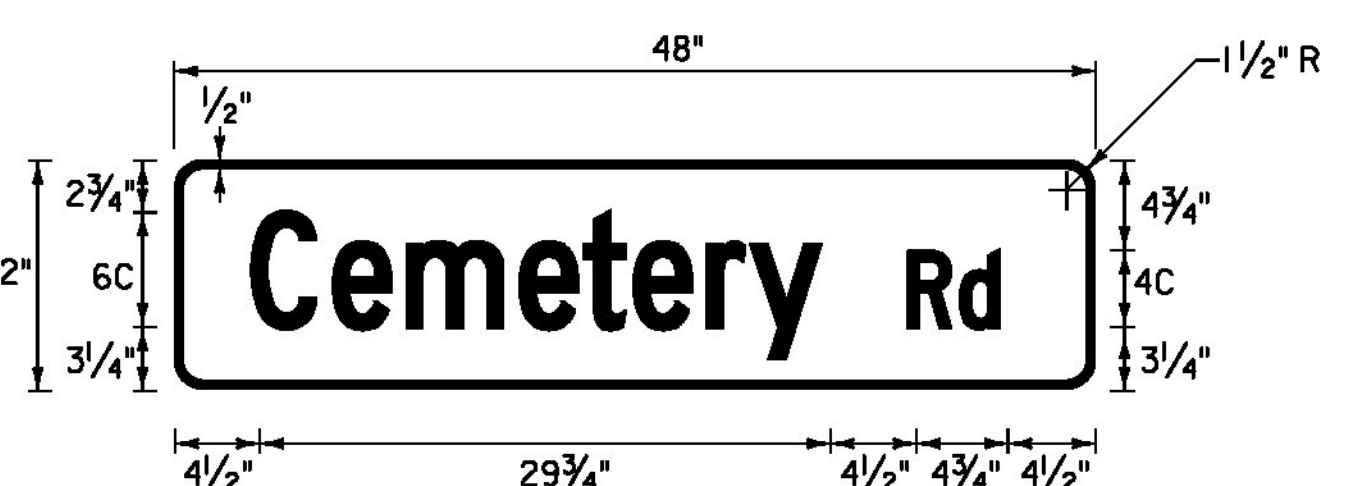
VD1-1
 LOCATION: STARKSBORO STA. 145+10, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



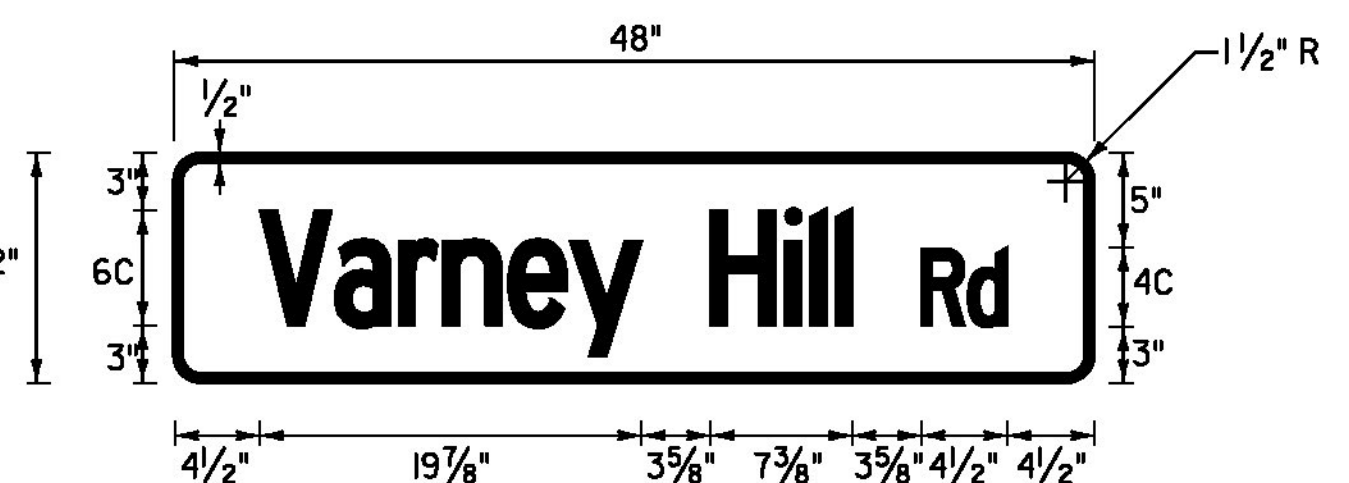
D3-1
 LOCATION: STARKSBORO STA. 156+33, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



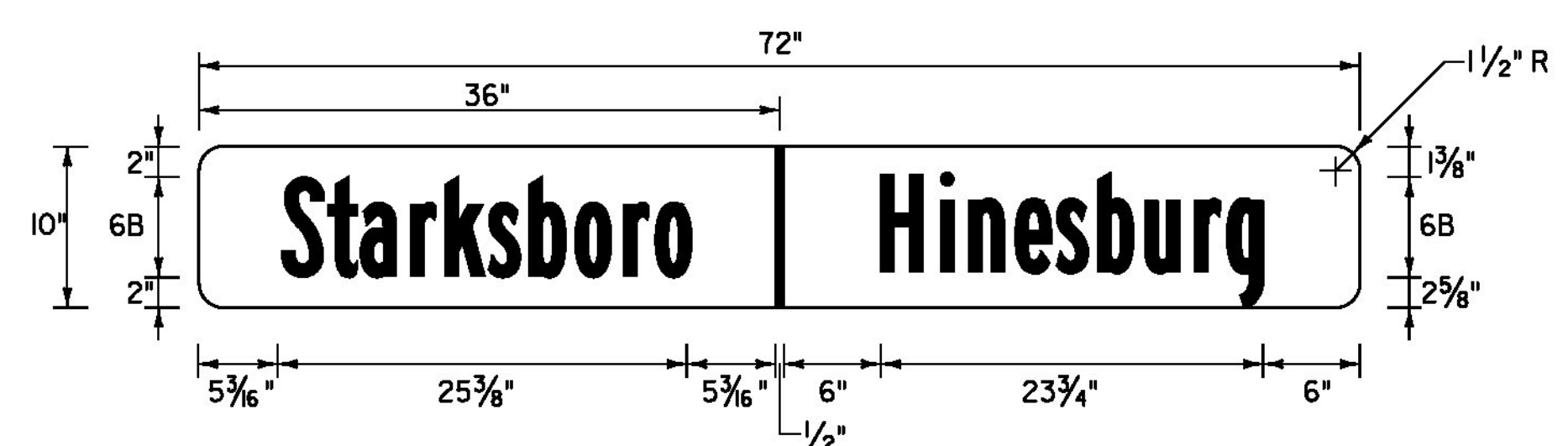
D3-1
 LOCATION: STARKSBORO STA. 217+70, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



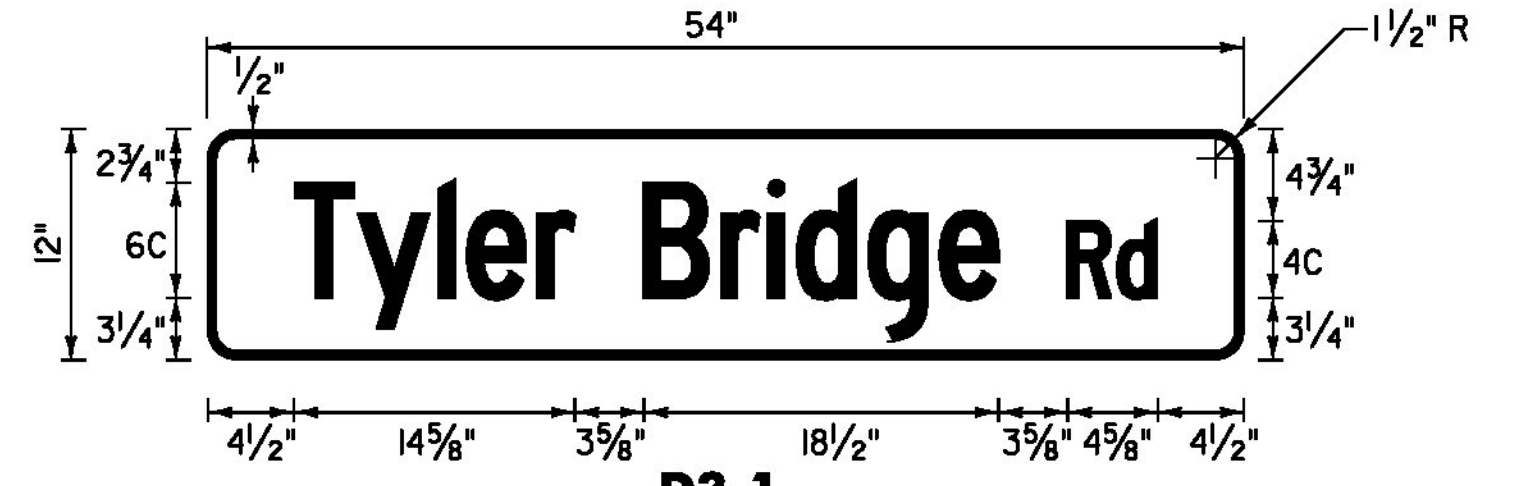
D3-1
 LOCATION: STARKSBORO STA. 242+79, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



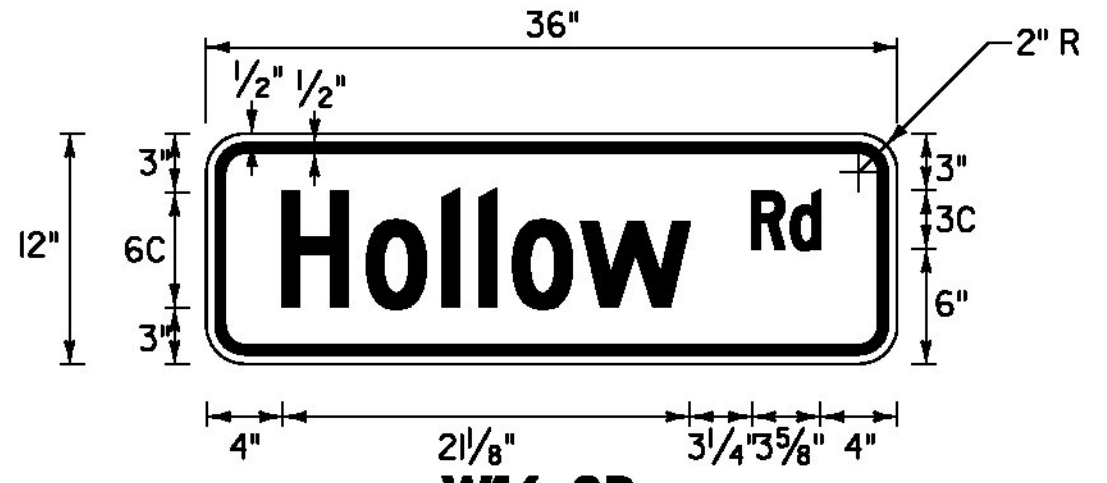
D3-1
 LOCATION: STARKSBORO STA. 257+52, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



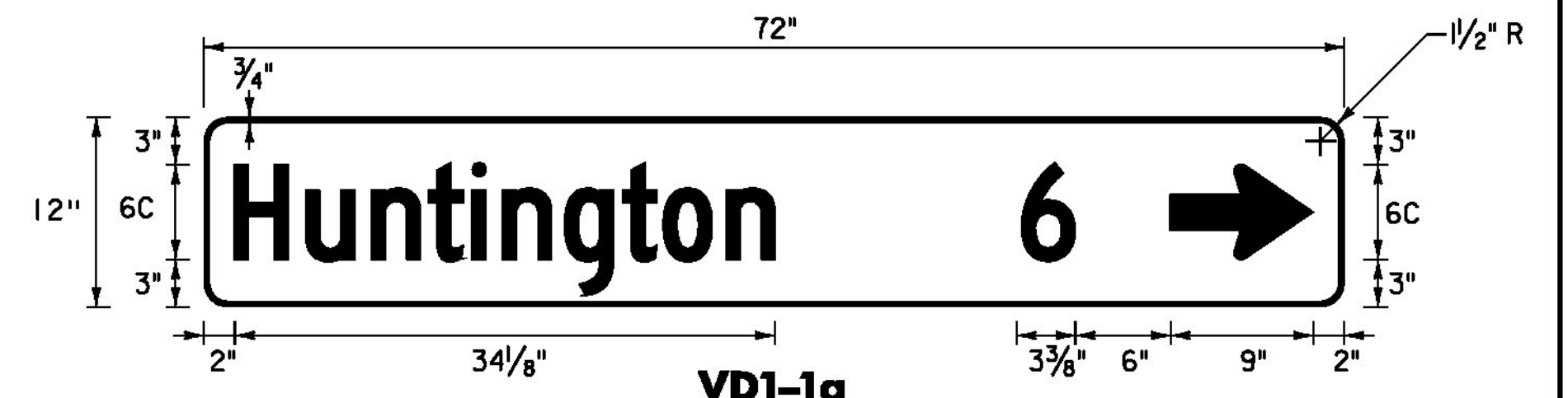
VD-024
 LOCATION: STARKSBORO STA. 352+17.60, LT; HINESBURG STA. 0+00, LT
 COLOR: WHITE DIVIDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



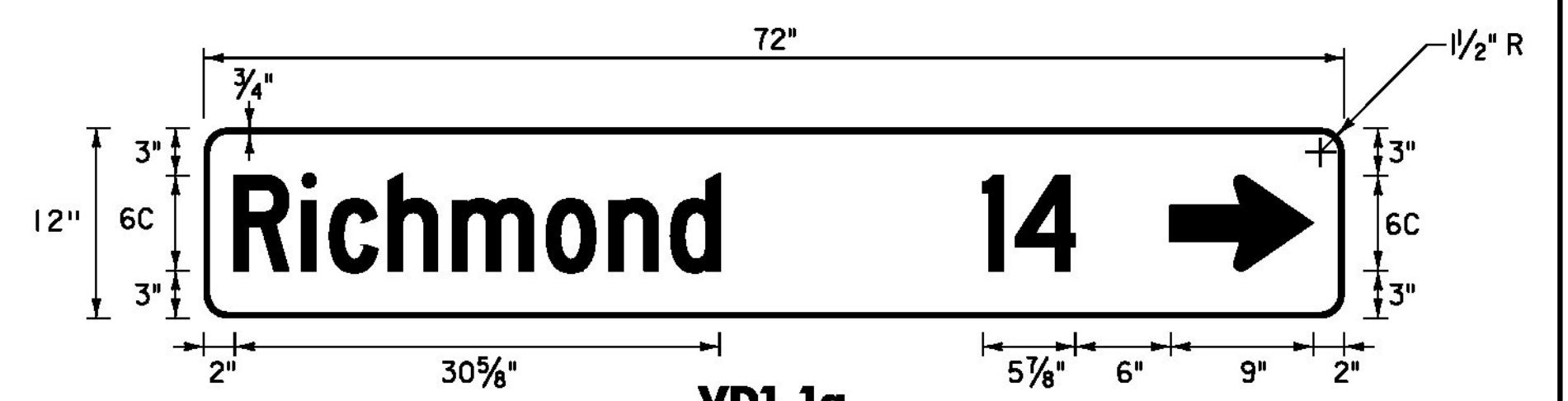
D3-1
 LOCATION: HINESBURG STA. 15+39, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



W16-8P
 LOCATION: HINESBURG STA. 40+79, RT; HINESBURG STA. 51+50, LT
 COLOR: BLACK BORDER AND TEXT (RETROREFLECTIVE)
 YELLOW BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



VD1-1a
 LOCATION: HINESBURG STA. 42+79, RT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



VD1-1a
 LOCATION: HINESBURG STA. 42+79, RT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM

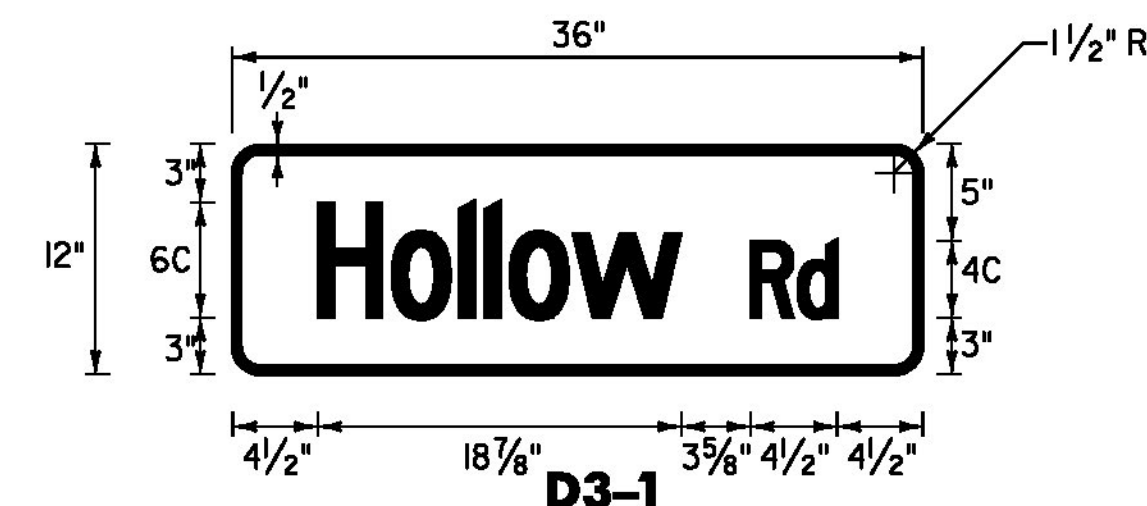
NOTES:
 1. ALL SHEETING SHALL BE ASTM D 4956 TYPE III MINIMUM PER 750.08.
 2. ALL STREET NAME SIGNS ARE TWO SIDED UNLESS OTHERWISE NOTED.

NOT TO SCALE

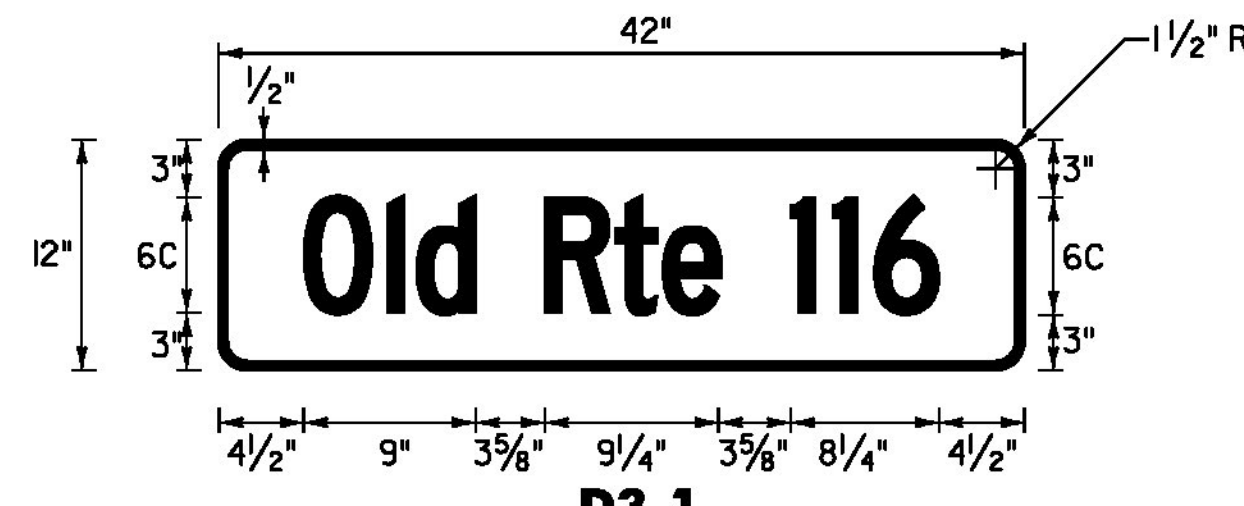
TRAFFIC SIGN DETAIL SHEET #1

PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)
 FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266tsds01.1
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET 112 OF 119

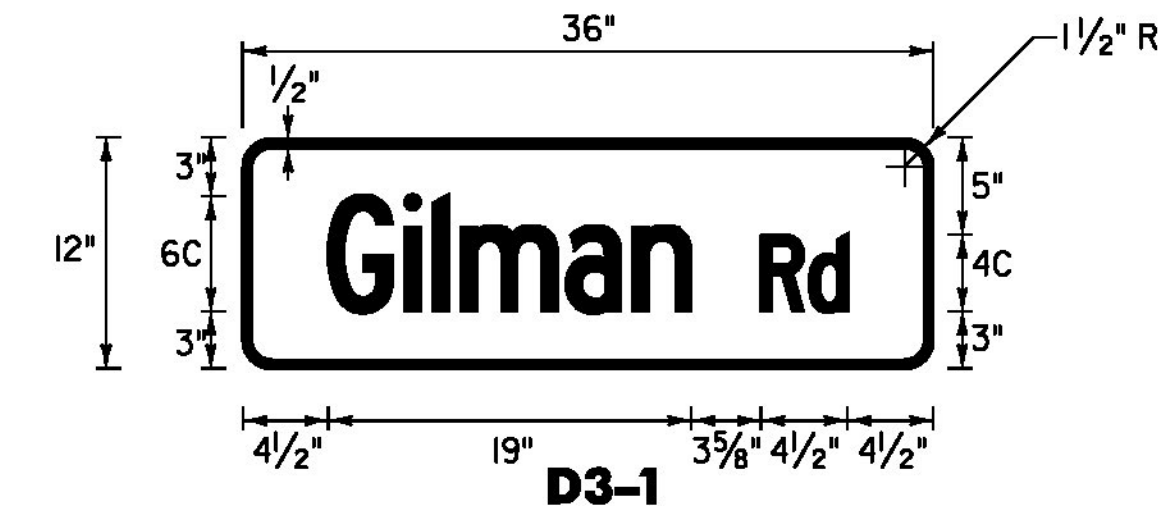




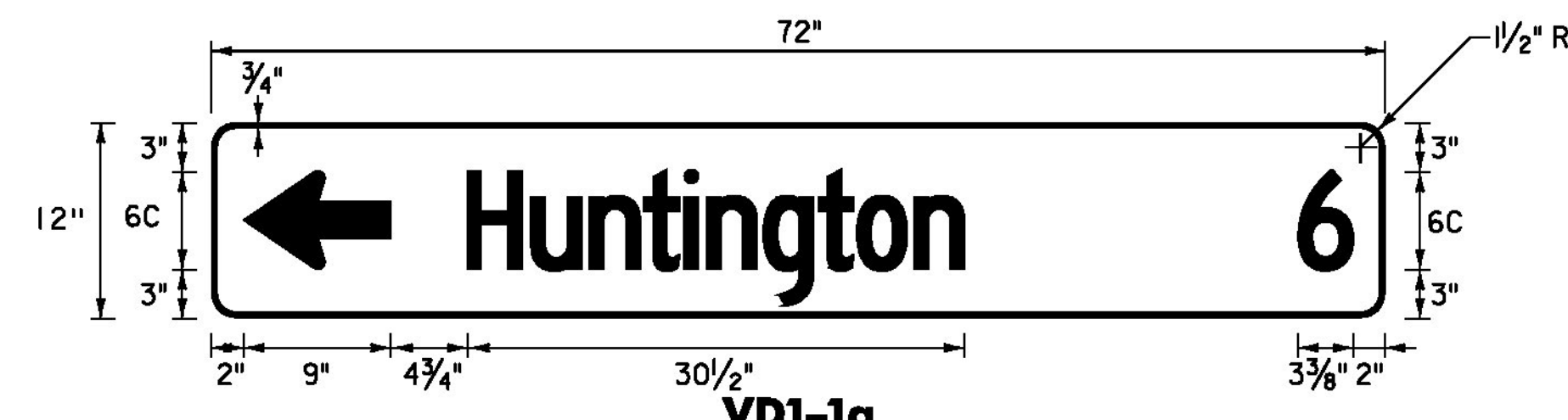
D3-1
 LOCATION: HINESBURG
 STA. 45+15, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



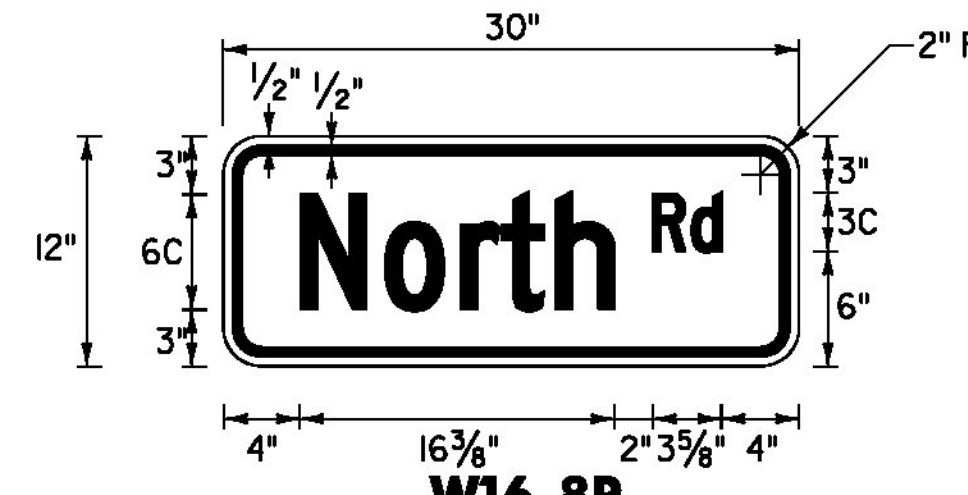
D3-1
 LOCATION: HINESBURG
 STA. 87+52, RT
 STA. 88+05, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



D3-1
 LOCATION: HINESBURG
 STA. 163+73, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



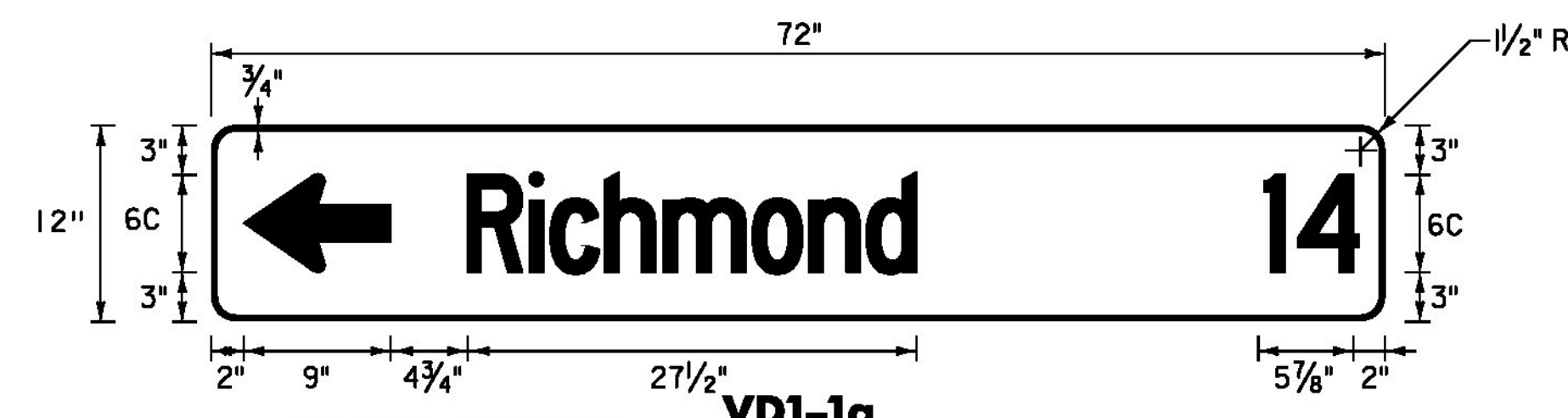
VD1-1a
 LOCATION: HINESBURG
 STA. 47+87, LT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



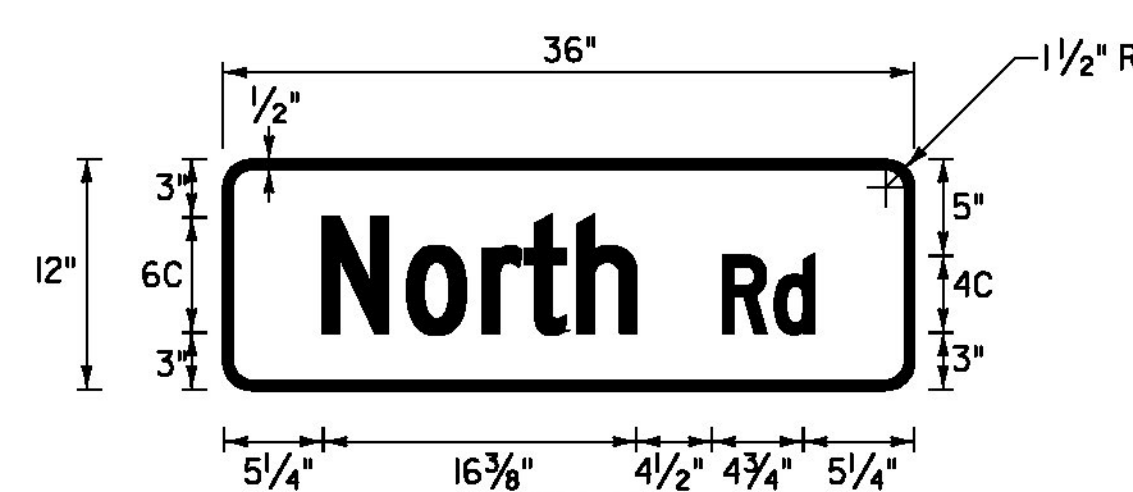
W16-8P
 LOCATION: HINESBURG
 STA. 118+50, RT
 STA. 128+50, LT
 COLOR: BLACK BORDER AND TEXT (RETROREFLECTIVE)
 YELLOW BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



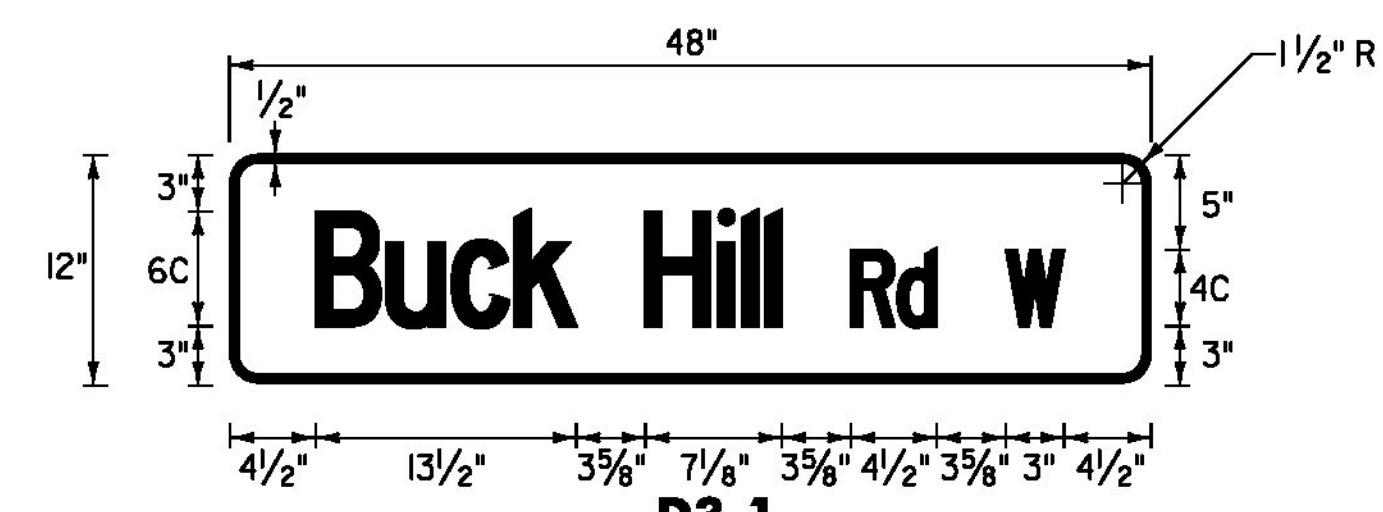
D3-1
 LOCATION: HINESBURG
 STA. 175+32, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



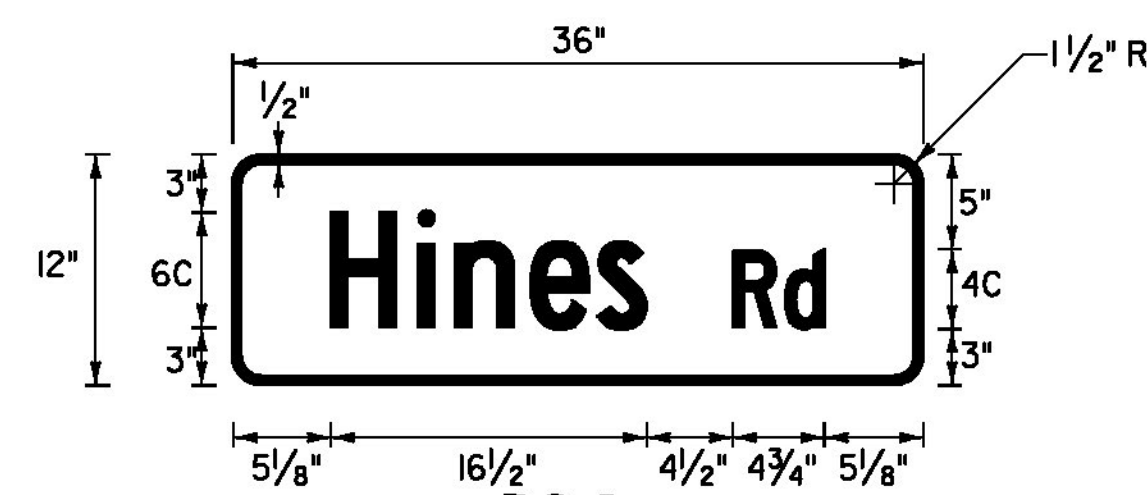
VD1-1a
 LOCATION: HINESBURG
 STA. 47+87, LT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



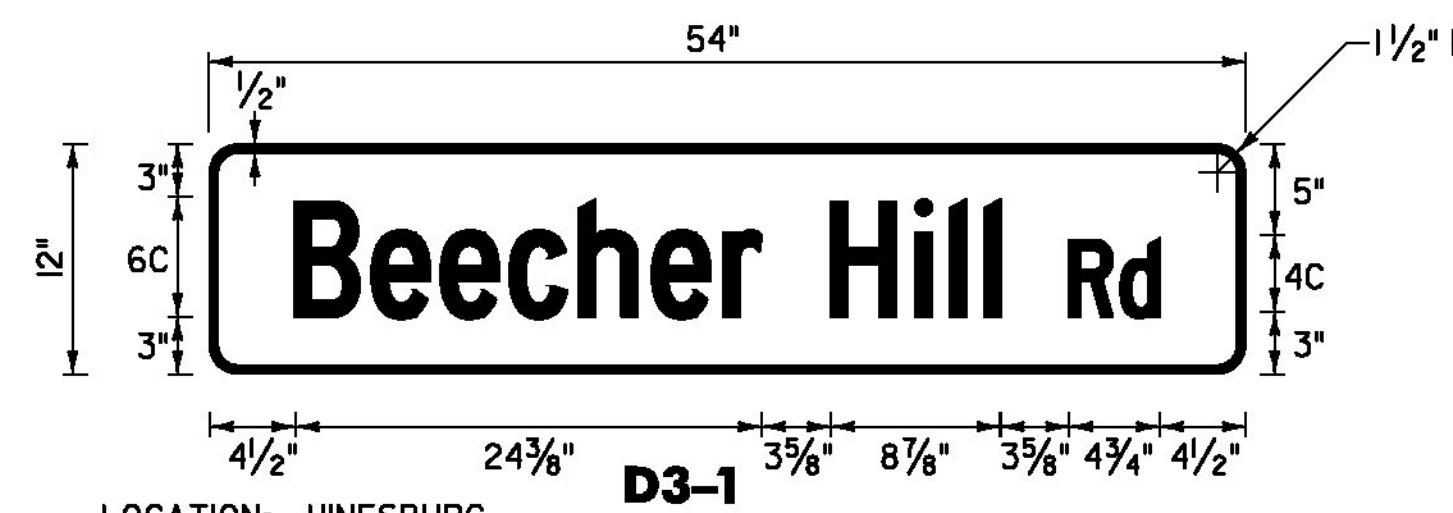
D3-1
 LOCATION: HINESBURG
 STA. 122+60, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



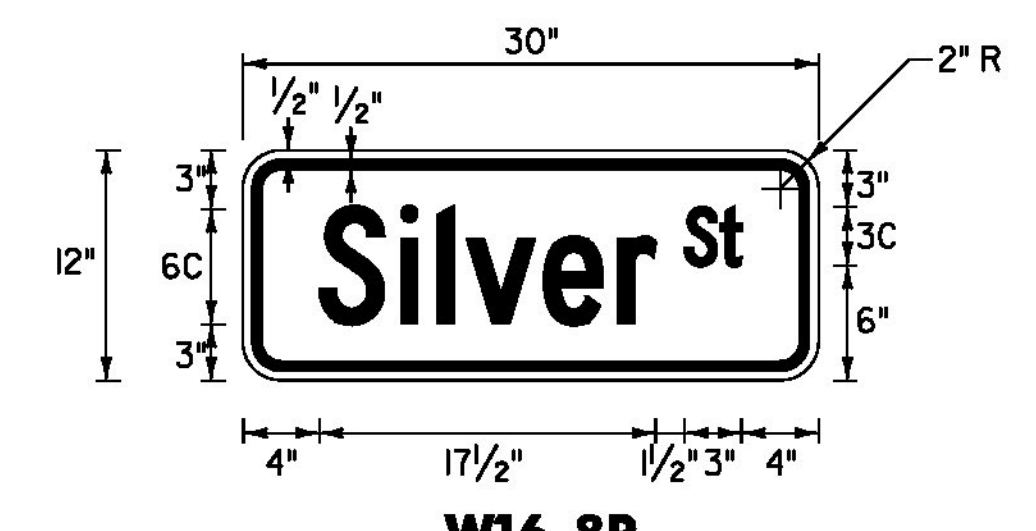
D3-1
 LOCATION: HINESBURG
 STA. 205+22, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



D3-1
 LOCATION: HINESBURG
 STA. 55+96, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



D3-1
 LOCATION: HINESBURG
 STA. 163+15, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



W16-8P
 LOCATION: HINESBURG
 STA. 226+33, RT
 COLOR: BLACK BORDER AND TEXT (RETROREFLECTIVE)
 YELLOW BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16

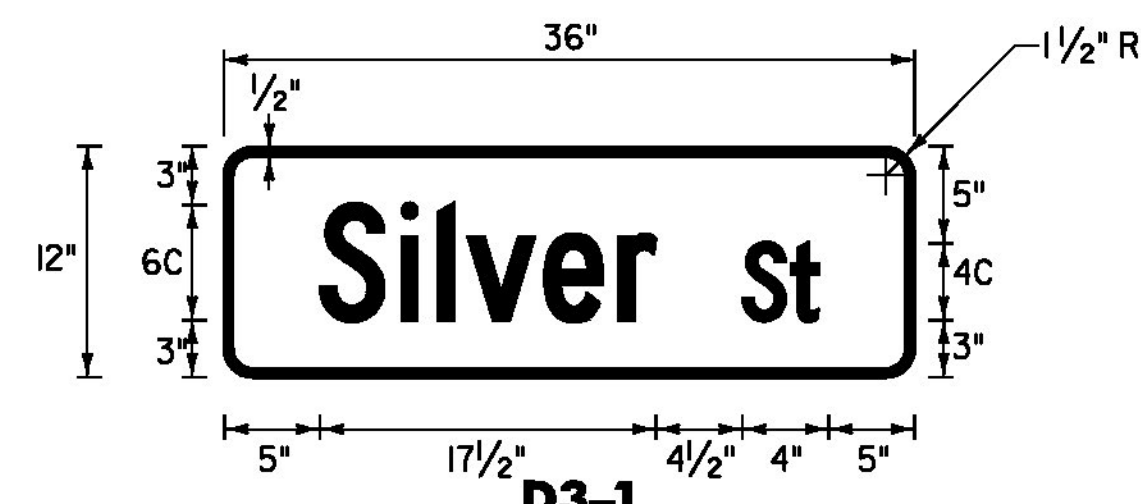
NOTES:
 1. ALL SHEETING SHALL BE ASTM D 4956 TYPE III MINIMUM PER 750.08.
 2. ALL STREET NAME SIGNS ARE TWO SIDED UNLESS OTHERWISE NOTED.

NOT TO SCALE

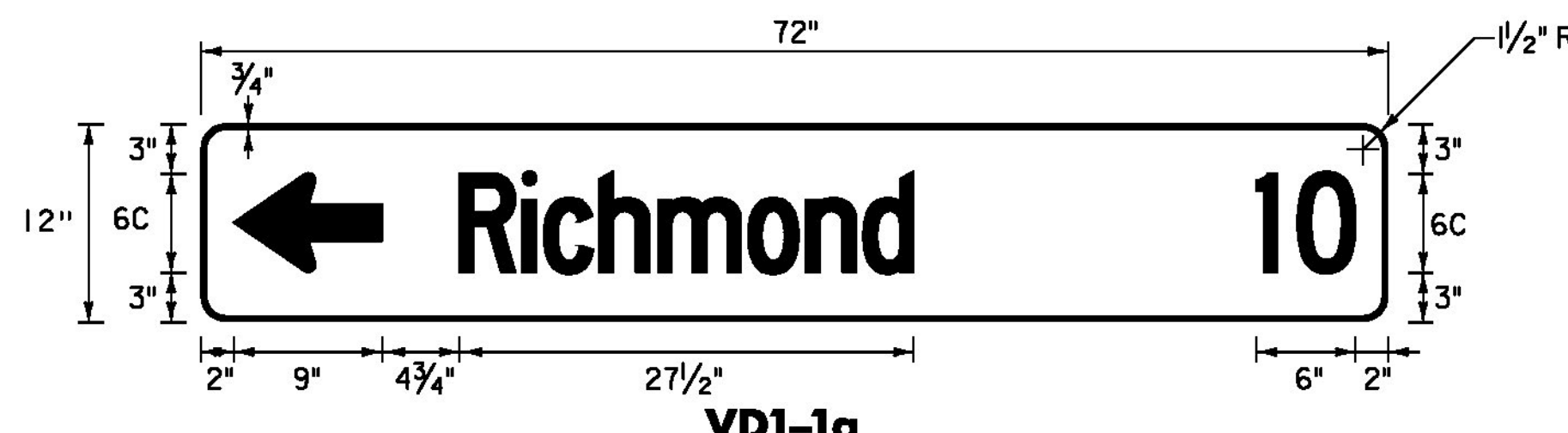
**TRAFFIC SIGN
 DETAIL
 SHEET #2**



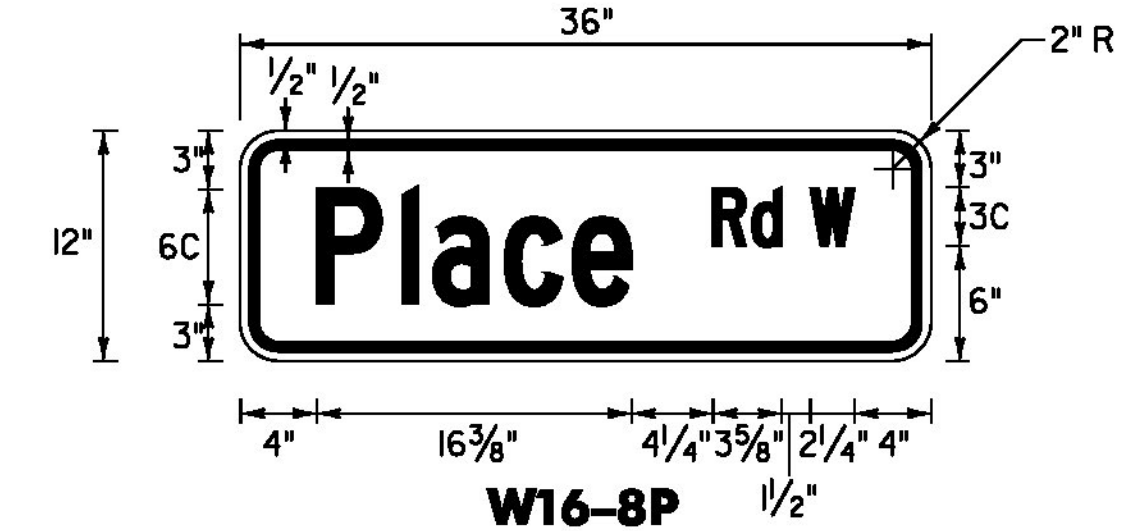
PROJECT NAME: STARKSBORO-HINESBURG	PLOT DATE: 28-NOV-2012
PROJECT NUMBER: STP 2930(1)	DRAWN BY: STANTEC
FILE NAME: p10b266.dgn	CHECKED BY: MCF
PROJECT LEADER: JLL	SHEET 113 OF 119
DESIGNED BY: STANTEC	
IPARM FILE: p10b266tds02.1	



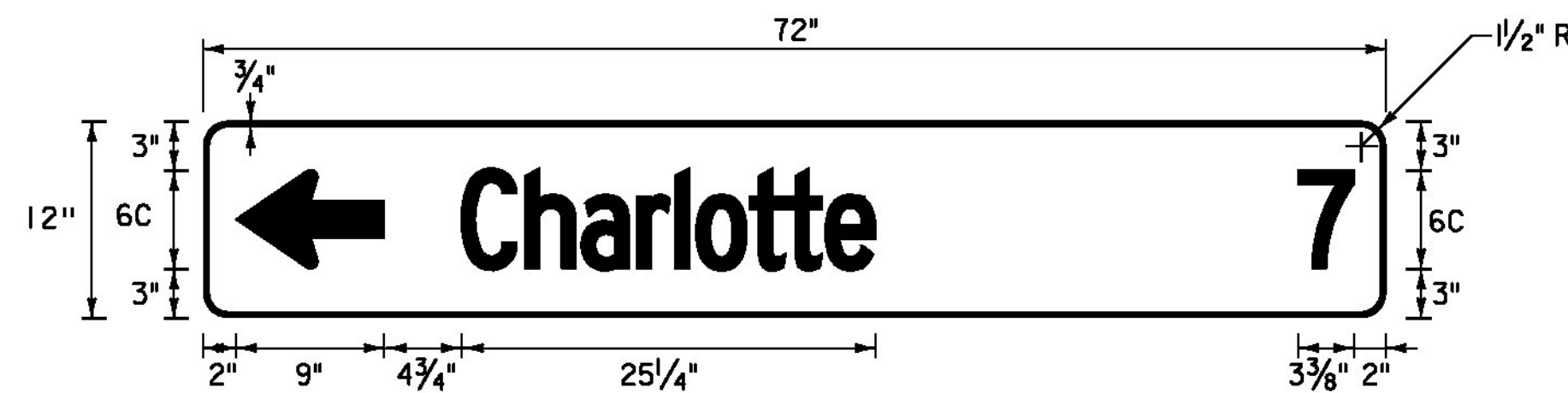
D3-1
 LOCATION: HINESBURG STA. 231+13, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



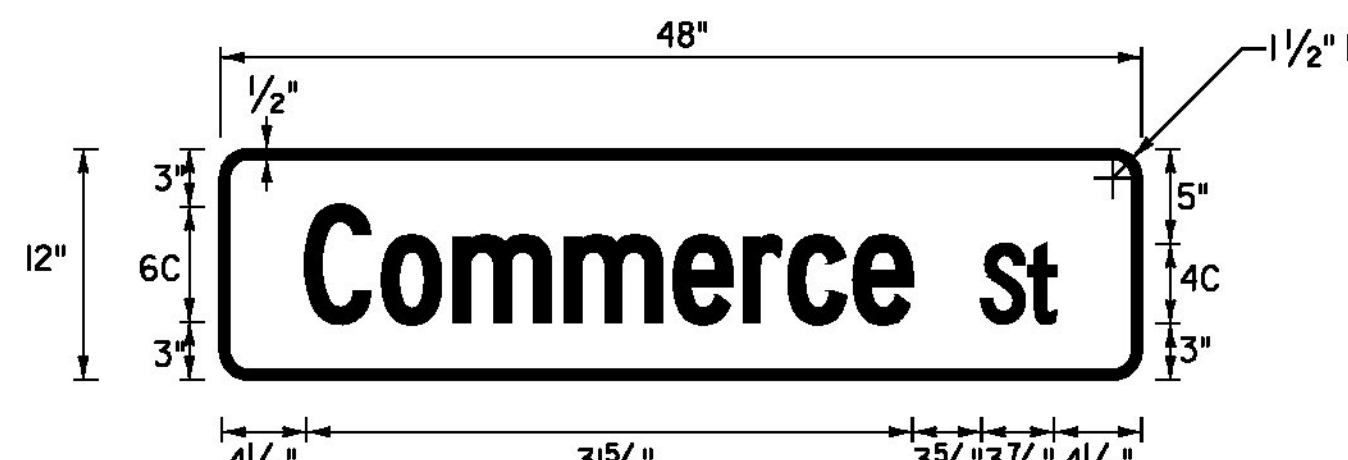
VD1-1a
 LOCATION: HINESBURG STA. 252+78, LT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



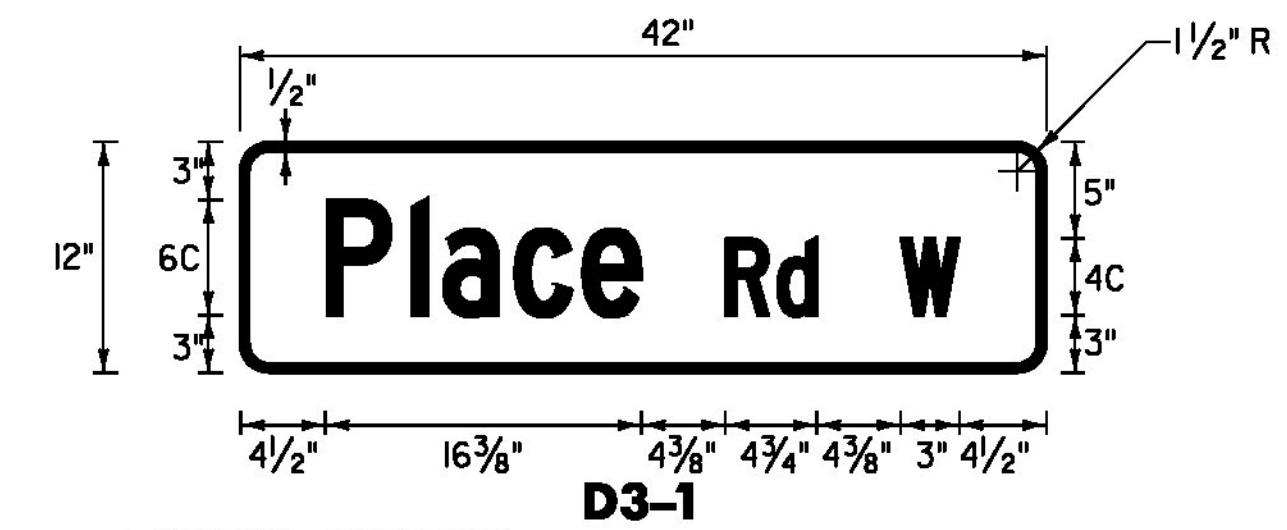
W16-8P
 LOCATION: HINESBURG STA. 313+00, RT
 STA. 318+10, LT
 COLOR: BLACK BORDER AND TEXT (RETROREFLECTIVE)
 YELLOW BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



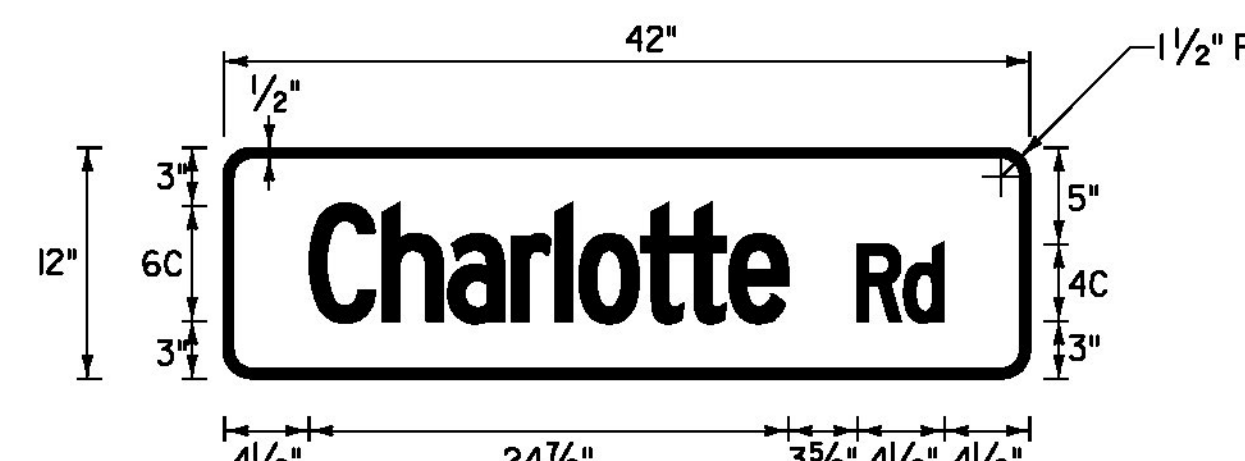
VD1-1a
 LOCATION: HINESBURG STA. 236+83, RT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



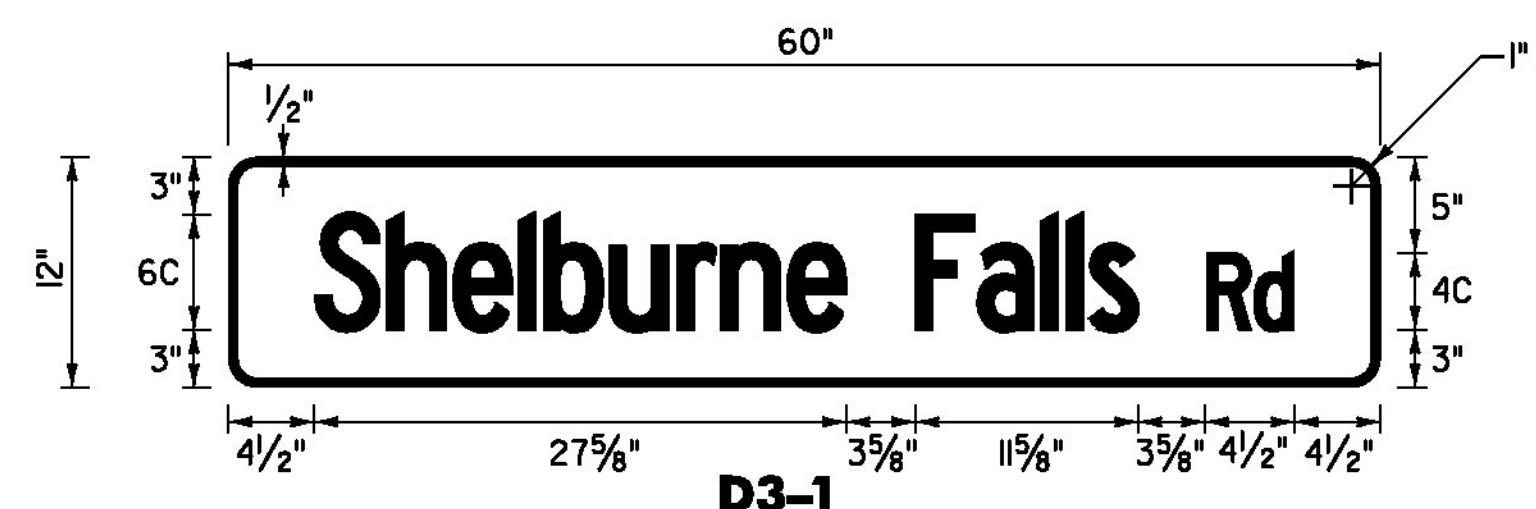
D3-1
 LOCATION: HINESBURG STA. 261+13, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



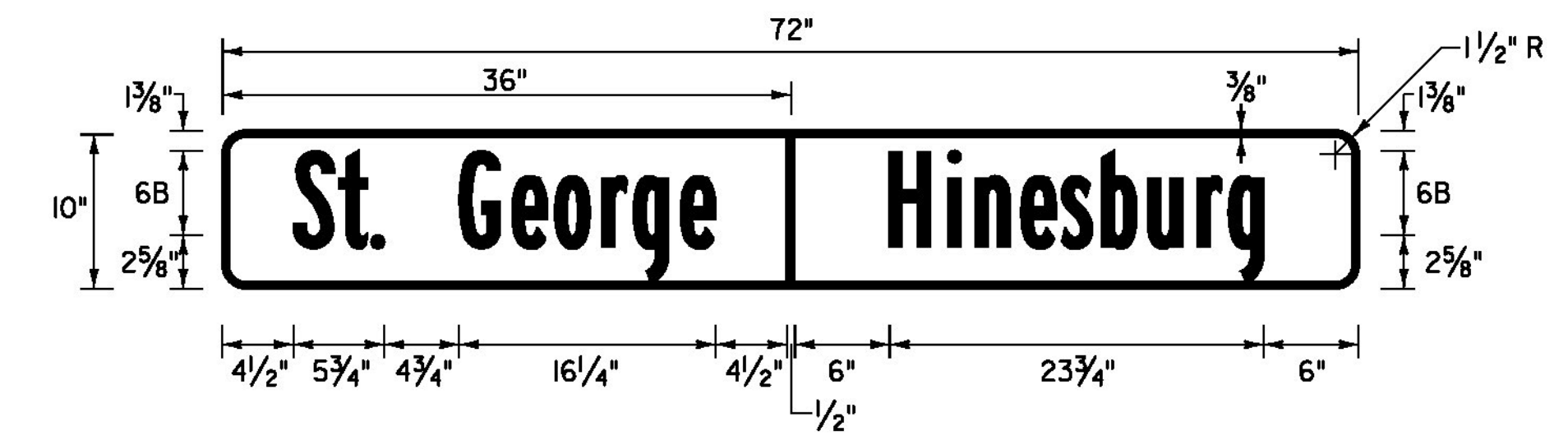
D3-1
 LOCATION: HINESBURG STA. 315+78, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



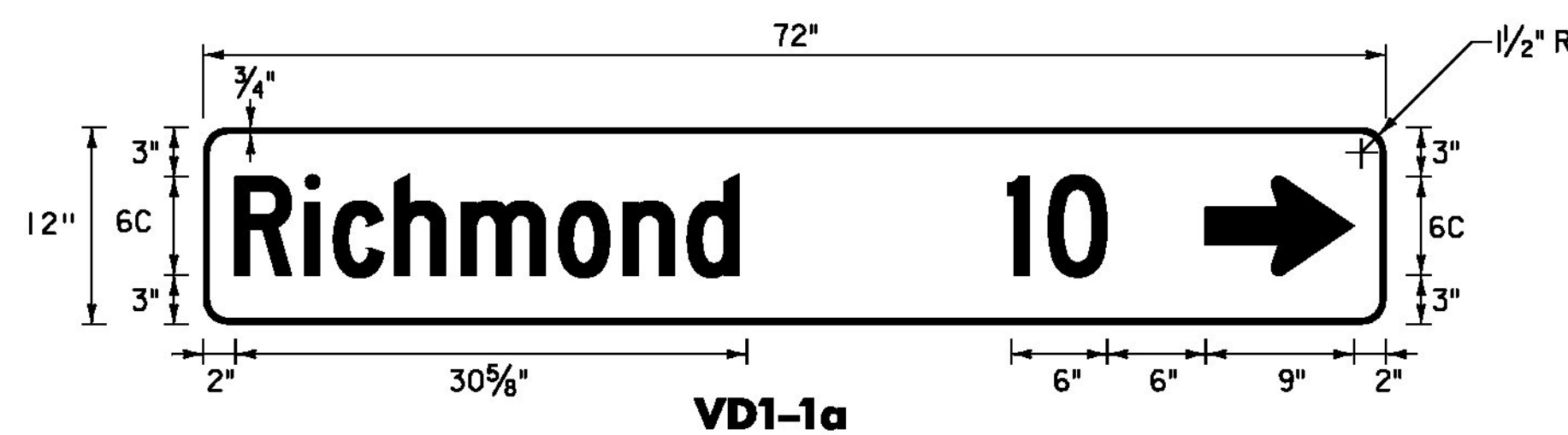
D3-1
 LOCATION: HINESBURG STA. 239+62, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



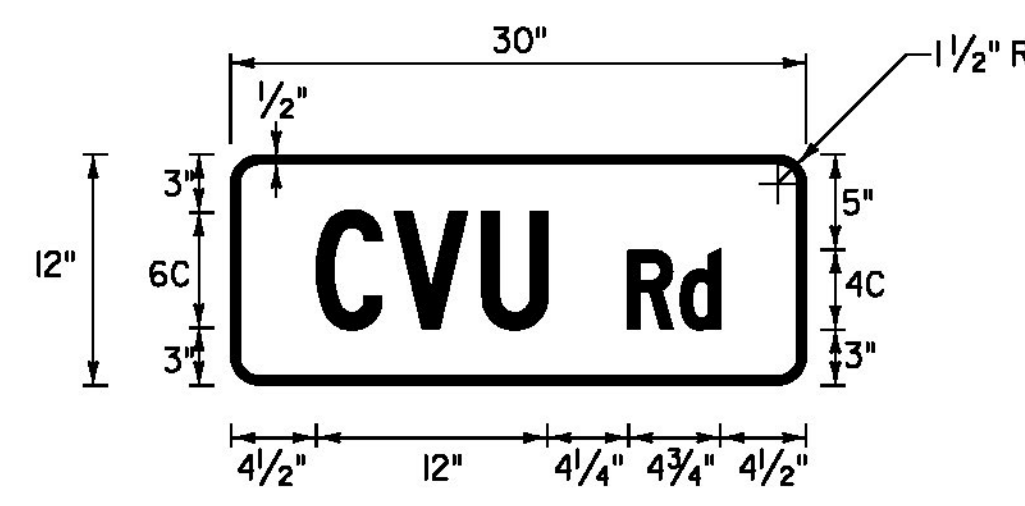
D3-1
 LOCATION: HINESBURG STA. 287+10, LT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



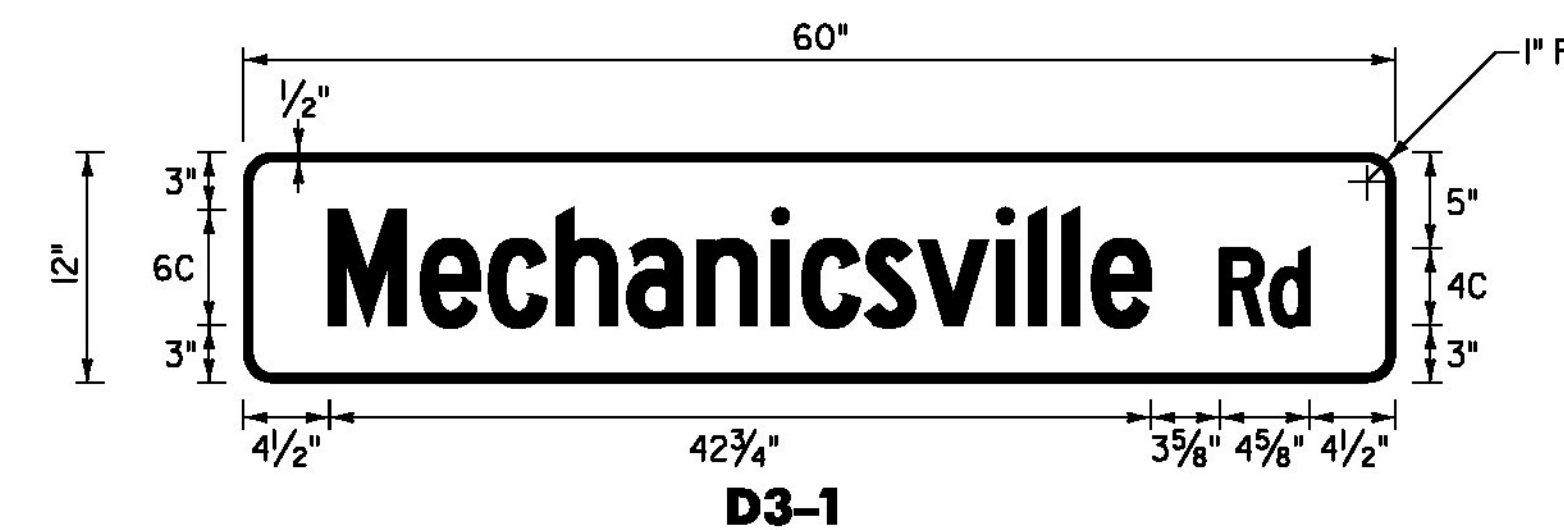
VD-024
 LOCATION: HINESBURG STA. 381+69, RT
 COLOR: WHITE DIVIDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



VD1-1a
 LOCATION: HINESBURG STA. 248+84, RT.
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: 0.125" FLAT SHEET ALUMINUM



D3-1
 LOCATION: HINESBURG STA. 287+78, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16



D3-1
 LOCATION: HINESBURG STA. 250+27, RT
 COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
 GREEN BACKGROUND (RETROREFLECTIVE)
 MATERIAL: PER THE TABLE ON SHEET I16

NOTES:
 1. ALL SHEETING SHALL BE ASTM D 4956 TYPE III MINIMUM PER 750.08.
 2. ALL STREET NAME SIGNS ARE TWO SIDED UNLESS OTHERWISE NOTED.

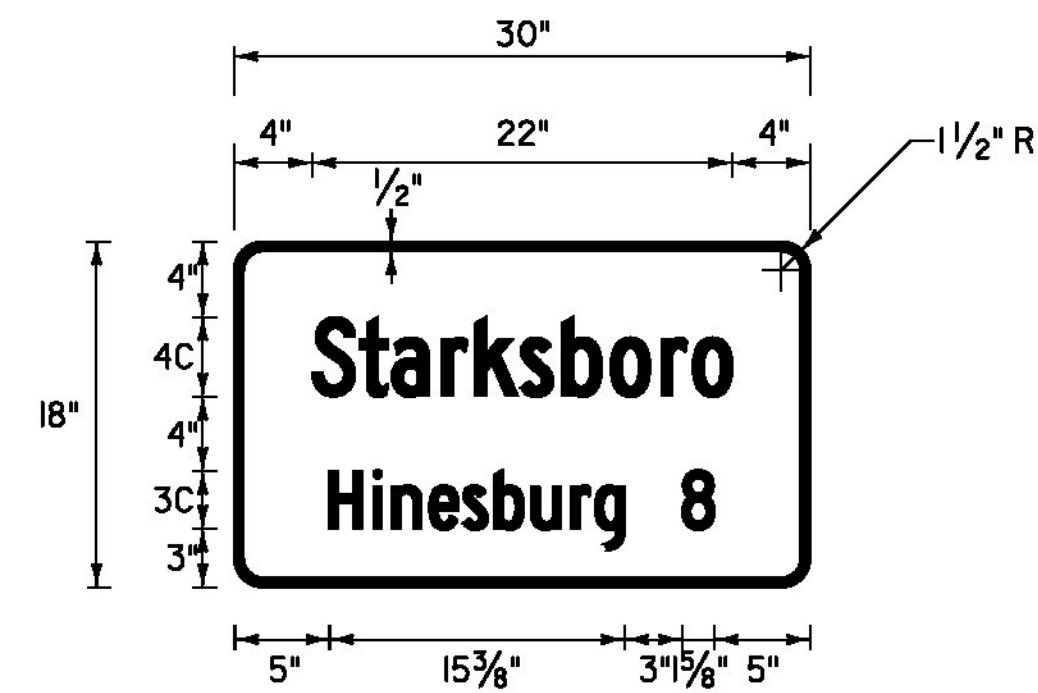
NOT TO SCALE

**TRAFFIC SIGN
 DETAIL
 SHEET #3**



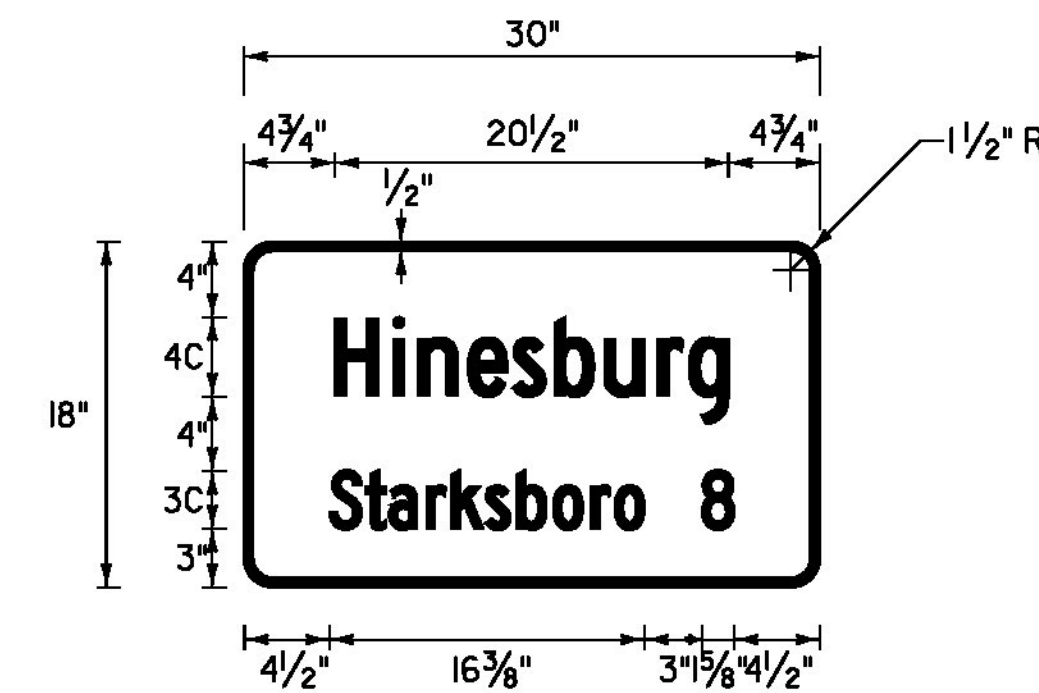
PROJECT NAME: STARKSBORO-HINESBURG
 PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
 PROJECT LEADER: JLL
 DESIGNED BY: STANTEC
 IPARM FILE: p10b266tsd03.1
 PLOT DATE: 28-NOV-2012
 DRAWN BY: STANTEC
 CHECKED BY: MCF
 SHEET I14 OF I19



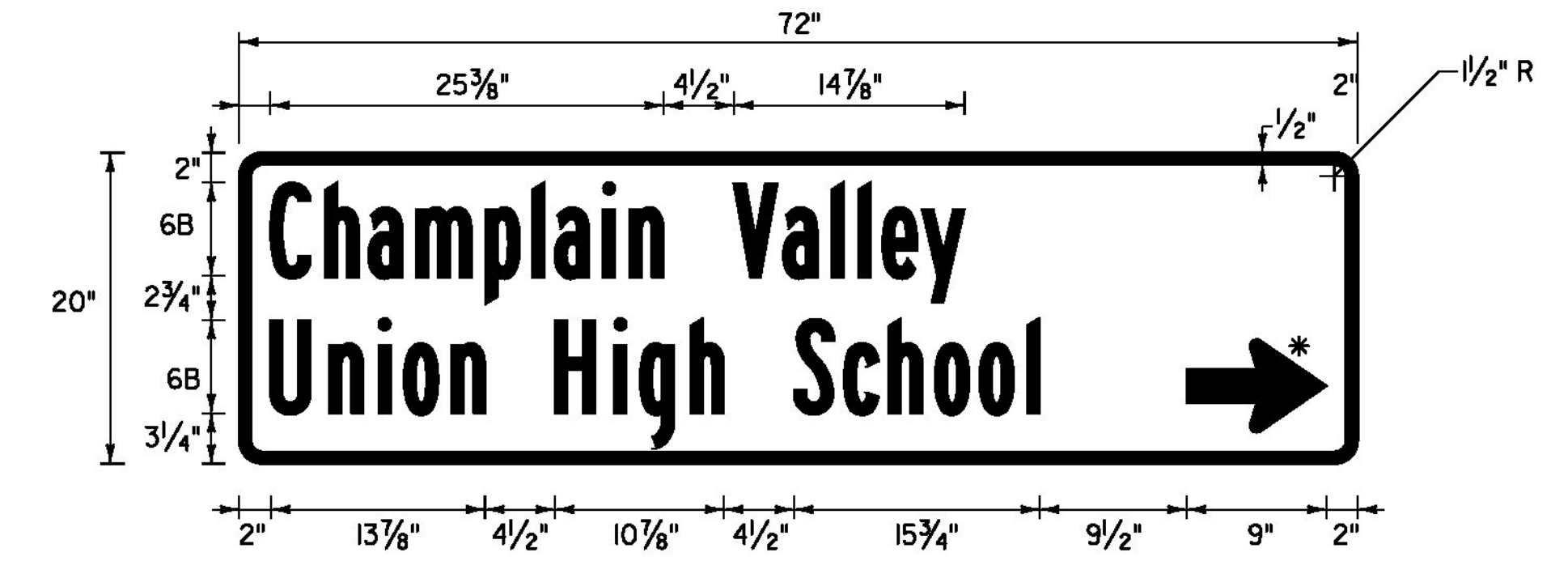
VD-018

LOCATION: STARKSBORO
STA. 120+77, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



VD-018

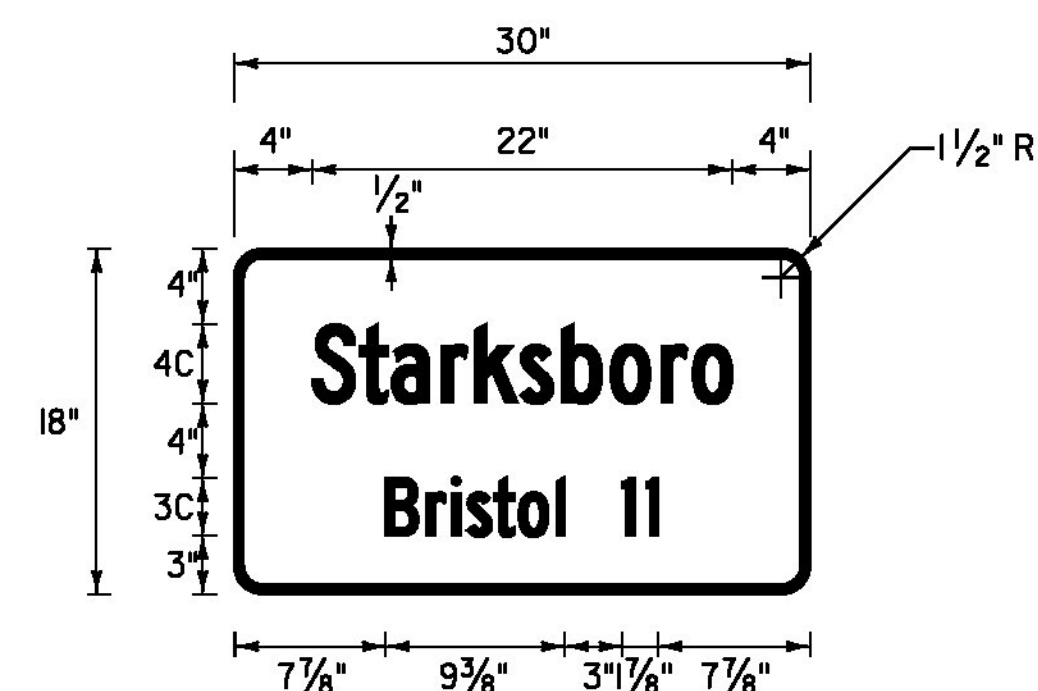
LOCATION: HINESBURG
STA. 267+35, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



VD1-1

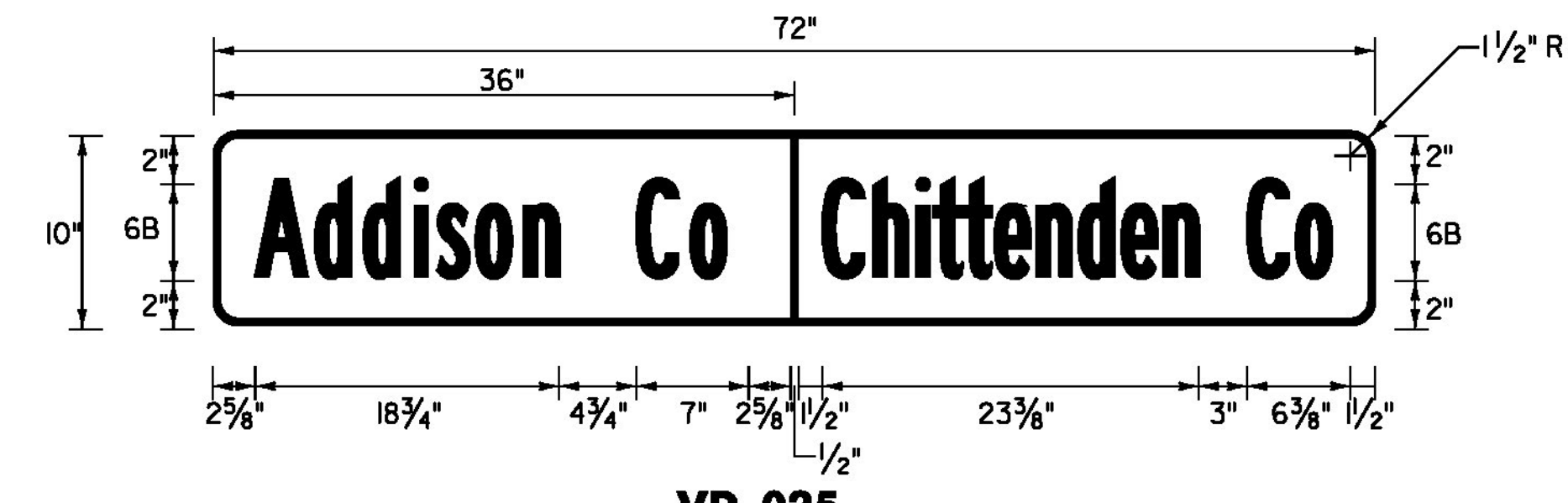
LOCATION: HINESBURG
STA. 285+37, RT
COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125\"/>

* FOR ARROW DETAIL SEE THIS SHEET



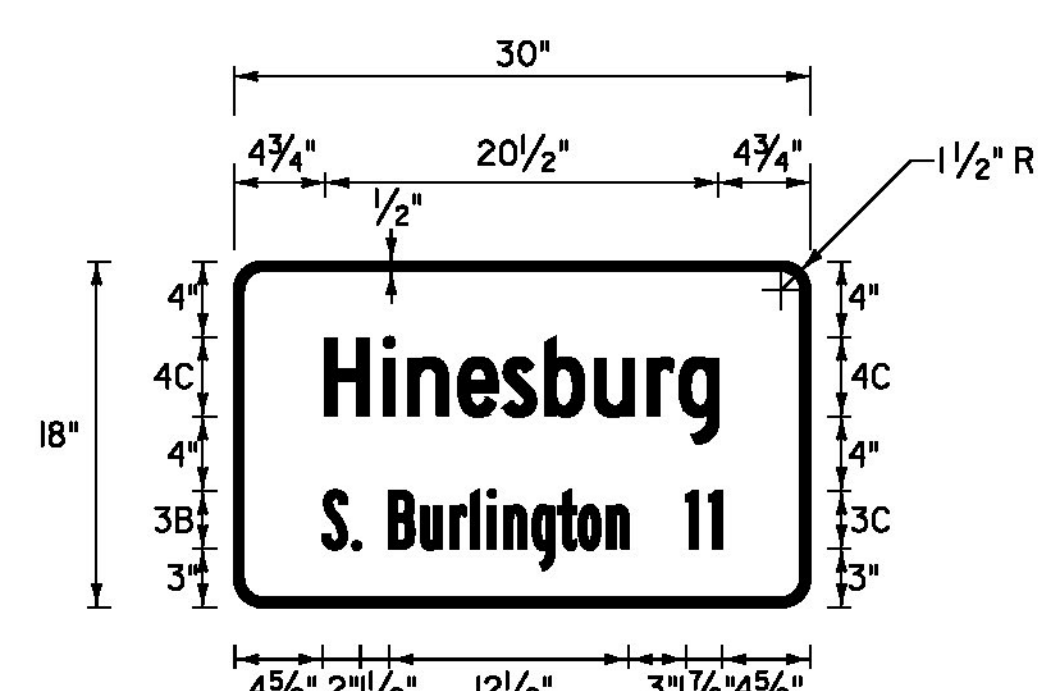
VD-018

LOCATION: STARKSBORO
STA. 184+28, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



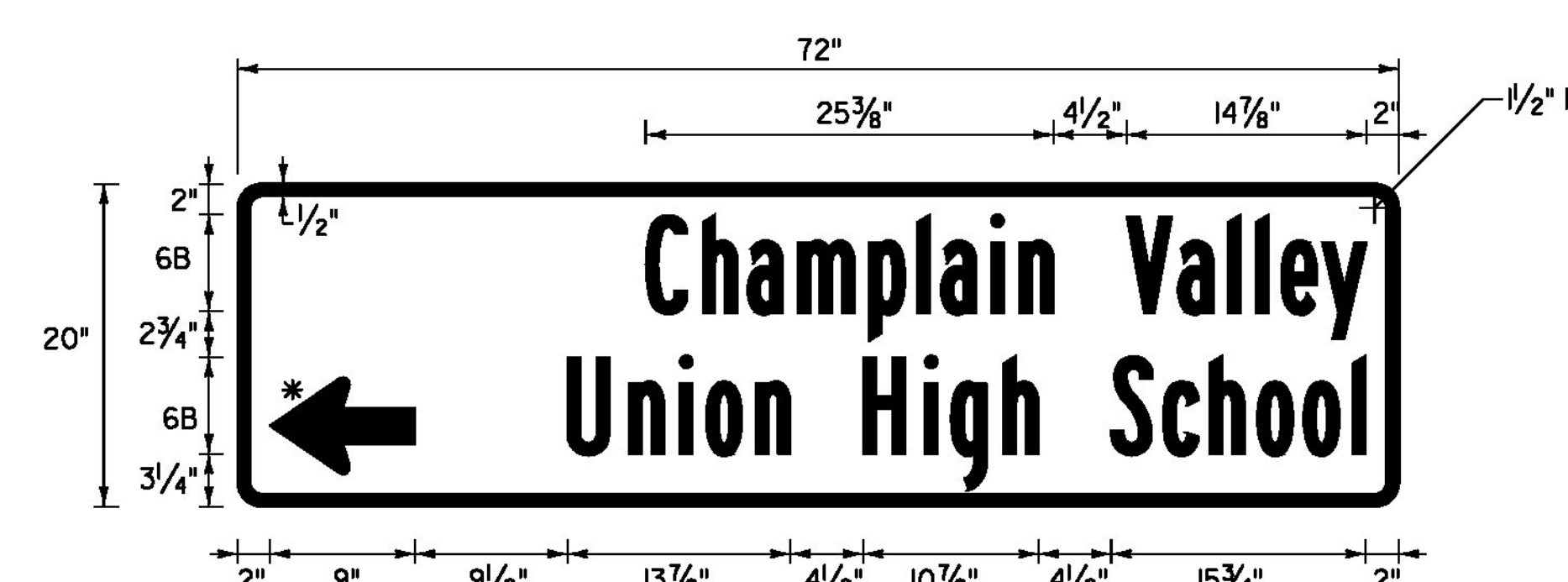
VD-025

LOCATION: STARKSBORO \ HINESBURG
STA. 352+17.60, LT \ STA. 0+00, LT
COLOR: WHITE DIVIDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



VD-018

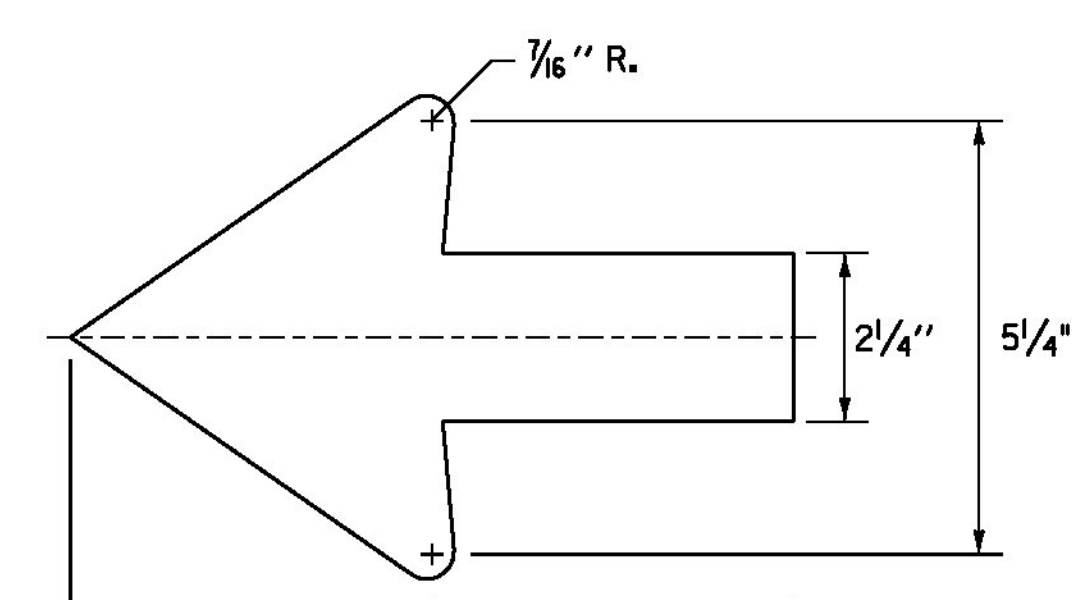
LOCATION: HINESBURG
STA. 199+17, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



VDI-1

LOCATION: HINESBURG
STA. 290+61, LT
COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125\"/>

* FOR ARROW DETAIL SEE THIS SHEET



STANDARD SHSM 2.25\"/>

NOTES:
1. ALL SHEETING SHALL BE ASTM D 4956 TYPE III MINIMUM PER 750.08.
2. ALL STREET NAME SIGNS ARE TWO SIDED UNLESS OTHERWISE NOTED.

NOT TO SCALE

TRAFFIC SIGN DETAIL SHEET #4	PROJECT NAME: STARKSBORO-HINESBURG
	PROJECT NUMBER: STP 2930(1)
	FILE NAME: p10b266.dgn
	PLOT DATE: 28-NOV-2012
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266tsds04.i	SHEET I15 OF I19

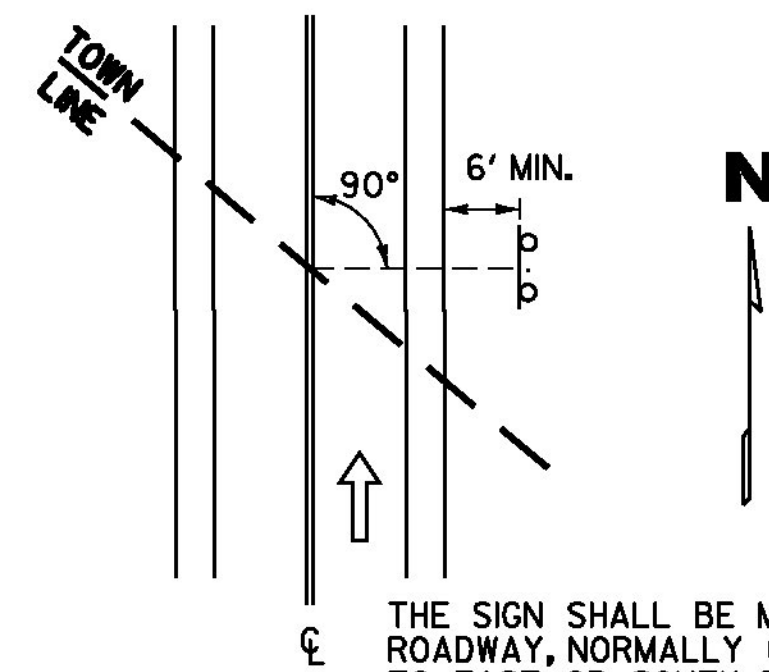
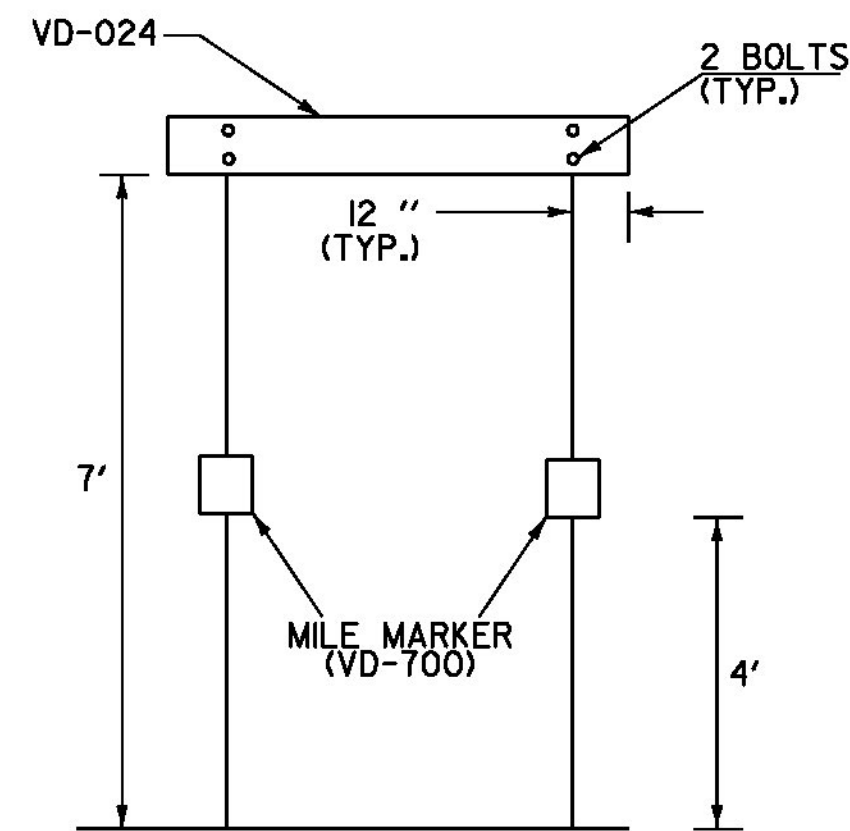


TRAFFIC SIGN NOTES

1. ALL SIGN LETTERING, DIGITS, ARROWS, AND DESIGN OF SYMBOLS FOR SIGNS REFERENCED IN THESE PLANS SHALL CONFORM WITH THE "STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION AND THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) UNLESS OTHERWISE DETAILED WITHIN THESE PLANS.
2. ALL COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) AND APPROVED BY FHWA UNLESS OTHERWISE NOTED.
3. ALL SHEETING SHALL BE ASTM D 4956 TYPE III PER SUBSECTION 750.08.
4. ALL STREET NAME SIGNS ARE TWO-SIDED UNLESS NOTED OTHERWISE.
5. UNLESS OTHERWISE DETAILED ON THE PLANS, ALL SIGN BASE MATERIALS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIZES			36" X 12"	
	24" X 10"	36" X 15"		
	24" X 12"	42" X 12"		
	30" X 12"	48" X 12"		
	24" X 18"	36" X 18"		
	24" X 24"	54" X 12"	48" X 18"	
	24" X 30"	36" X 24"	48" X 24"	
	9" X 12"	30" X 15"	30" X 42"	48" X 30"
	12" X 12"	30" X 18"	36" X 36"	48" X 42"
	18" X 18"	30" X 30"	36" X 48"	48" X 48"
	21" X 15"	30" X 42"	36" X 54"	48" X 60"
THICKNESS	0.060"	0.080"	0.100"	0.125"

6. WHEN INSTALLING STREET NAME SIGNS (D3-1) ABOVE STOP SIGNS (R1-1) USE 12" BRACKETS.
7. SEE VAOT STANDARD E-123 FOR RECOMMENDATION ON STREET NAME SIGNS MATERIAL.

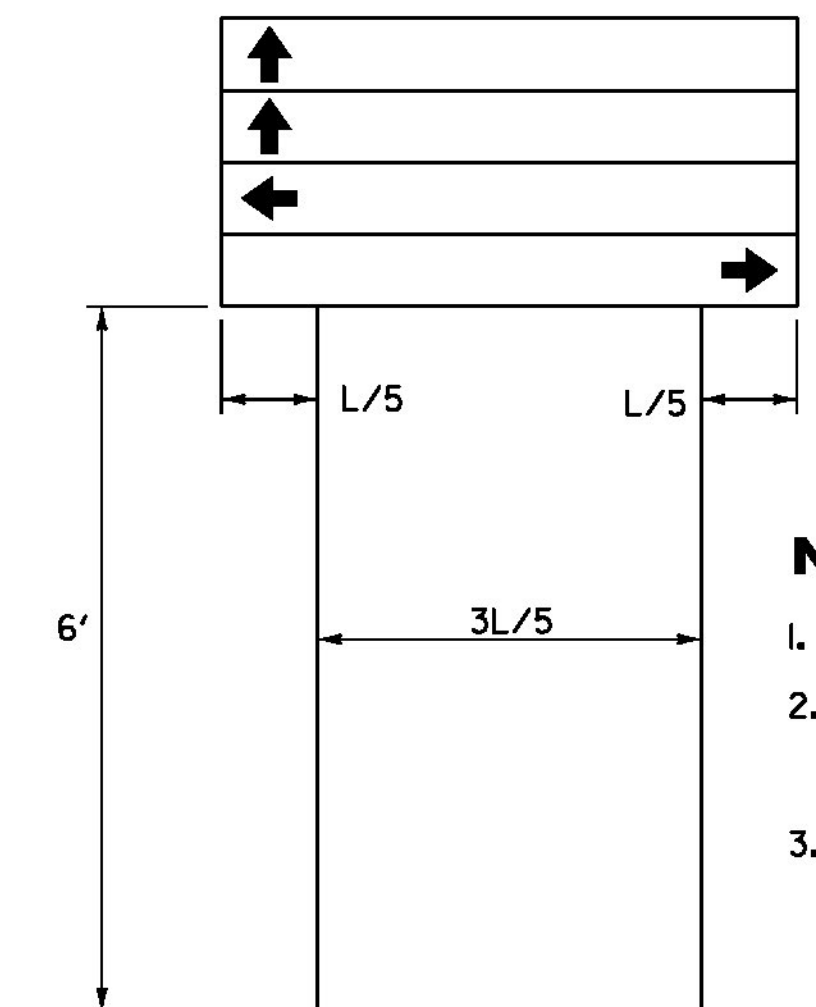


THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

WHEN CROSSING COUNTY BOUNDARIES AN ADDITIONAL COUNTY LINE SIGN (VD-025) SHALL BE MOUNTED BELOW THE TOWN LINE SIGN (VD-024) MAINTAINING A SEVEN FOOT CLEARANCE.

TOWN LINE SIGN NOTES:

1. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
2. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
4. THE SIGN BASE MATERIAL SHALL BE FLAT SHEET ALUMINUM 0.125" MINIMUM THICKNESS. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM) D 4956 TYPE III.
5. SIGNS SHALL HAVE A RETROREFLECTIVE WHITE LEGEND ON A RETROREFLECTIVE GREEN BACKGROUND.
6. LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.



NOTES:

1. SEQUENCE OF ARROWS AS SHOWN.
2. LIMIT TO 2 SIGNS IN EACH DIRECTION, UNLESS OTHERWISE NOTED.
3. L = LENGTH OF SIGN

DESTINATION ASSEMBLY

NOT TO SCALE

**TRAFFIC SIGN
DETAIL
SHEET #5**

NOTES:

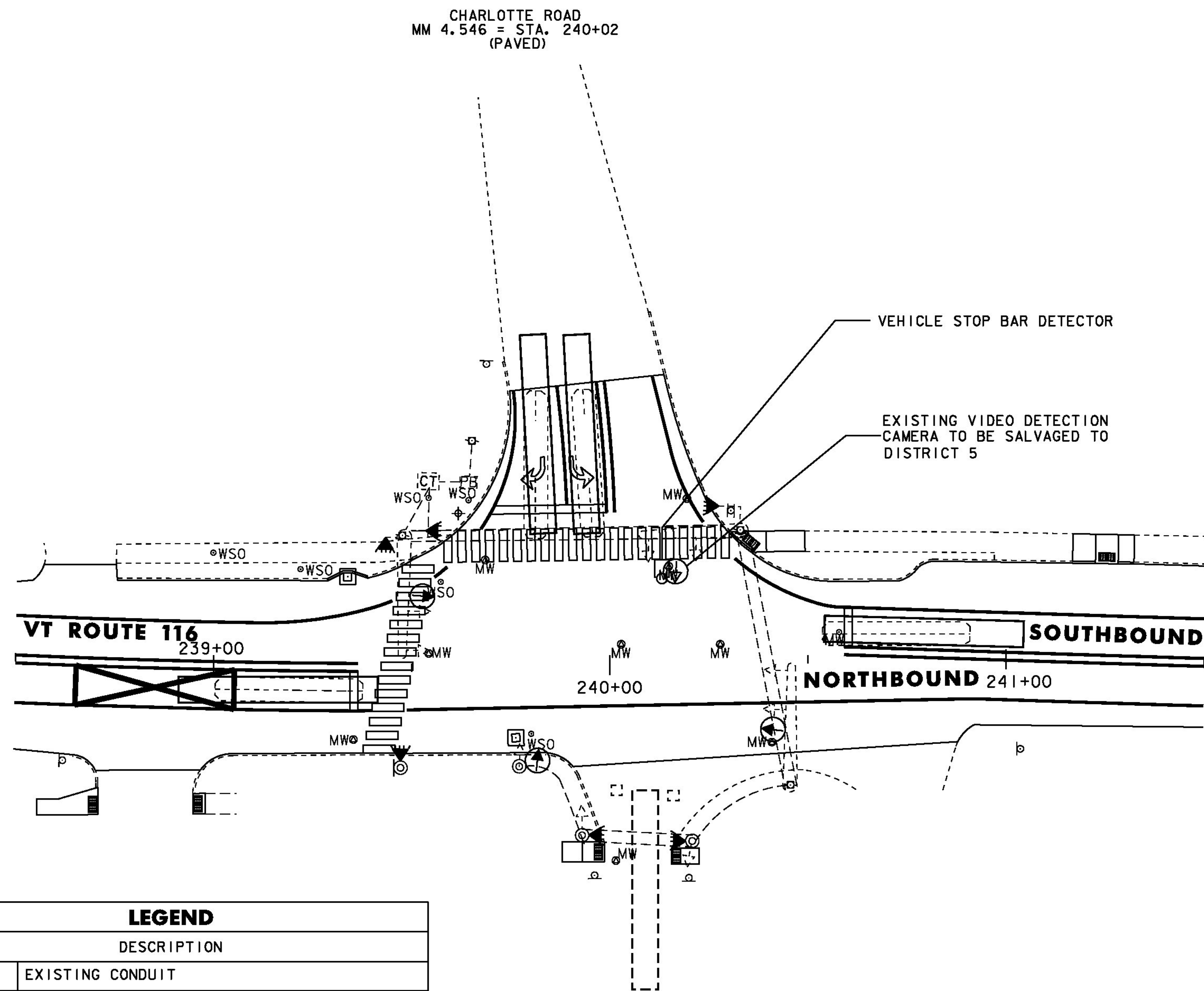
1. ALL SHEETING SHALL BE ASTM D 4956 TYPE III MINIMUM PER 750.08.
2. ALL STREET NAME SIGNS ARE TWO SIDED UNLESS OTHERWISE NOTED.

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL DRAWN BY: STANTEC
DESIGNED BY: STANTEC CHECKED BY: MCF
IPARM FILE: p10b266tsds05.1 SHEET 116 OF 119



VT ROUTE 116 /CHARLOTTE ROAD INTERSECTION



LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
⊙	EXISTING POLE
⌈	EXISTING VIDEO DETECTION AREA
▭	VIDEO DETECTION AREA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	PROPOSED VIDEO DETECTOR CAMERA
←	EXISTING VEHICLE SIGNAL
←	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
▷	EXISTING PEDESTRIAN SIGNAL
▷	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL
⊙	PROPOSED VEHICLE STOP BAR DETECTOR

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD) HINESBURG STA. 240+02		
QUANTITY	UNIT	DESCRIPTION
3	EA	VIDEO DETECTOR CAMERA ASSEMBLY
500	LF	VIDEO DETECTOR CABLE
3	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CABINET RACK *
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY) *

* INCIDENTAL TO OTHER TRAFFIC SIGNAL ITEMS

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 116 @ CHARLOTTE ROAD) HINESBURG STA. 240+02		
QUANTITY	UNIT	DESCRIPTION
6	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
5	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY

ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD) HINESBURG STA. 240+02		
QUANTITY	UNIT	DESCRIPTION
1	EA	VEHICLE STOP BAR DETECTOR

NOTES:

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2011 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ CHARLOTTE ROAD).
- VIDEO DETECTION CAMERAS SHALL BE ECONOLITE AUTOSCOPE ENCORE TO BE COMPATIBLE WITH EXISTING INFRASTRUCTURE.
- VEHICLE STOP BAR DETECTION SYSTEM SHALL BE AN ECONOLITE AUTOSCOPE DUO, WAVETRONIX SMART SENSOR MATRIX, OR FLIR FC-SERIES T.
- EXISTING VIDEO DETECTION CAMERA SHALL BE SALVAGED AND RETURNED TO DISTRICT 5 GARAGE IN COLCHESTER PRIOR TO PROJECT COMPLETION. CONTACT PERSON IS STEVE GUYETTE AT 802-655-1580.

NOT TO SCALE



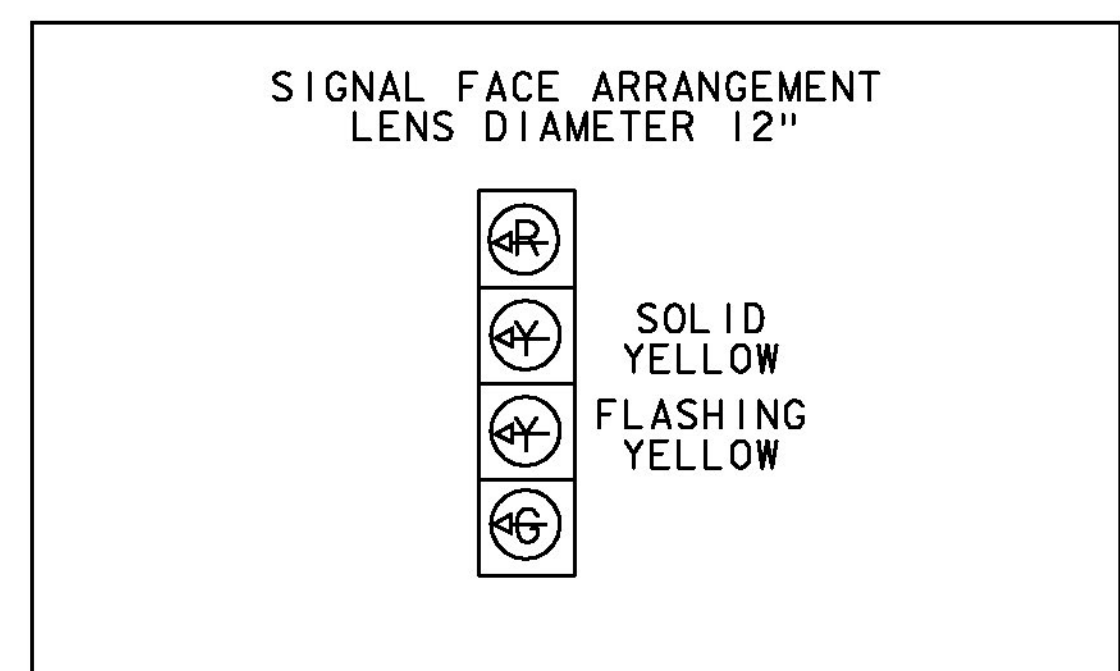
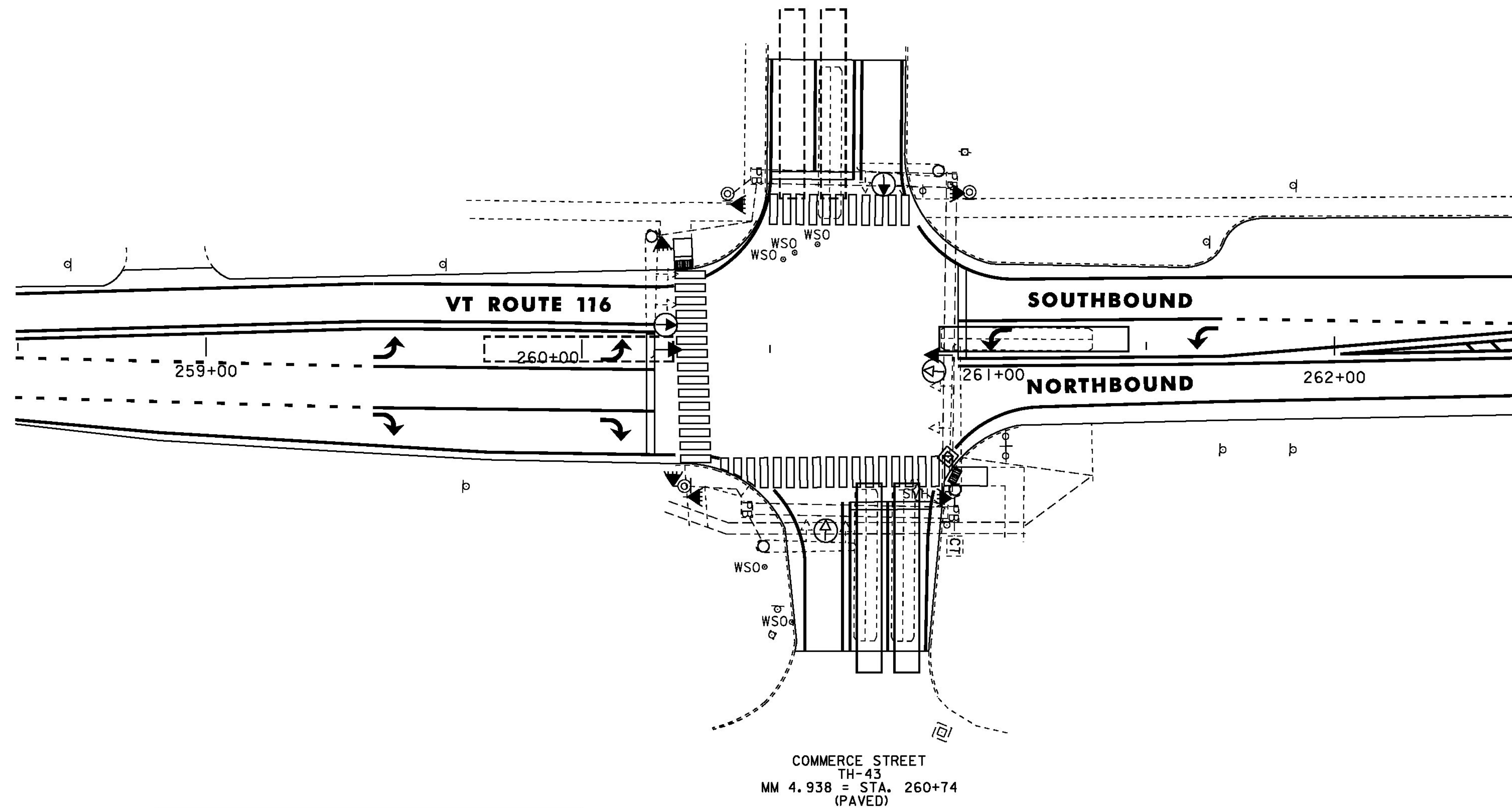
TRAFFIC SIGNAL SYSTEMS SHEET #1

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tsss01.i

PLOT DATE: 17-DEC-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 117 OF 119

VT ROUTE 116 /COMMERCE STREET INTERSECTION



NOTE: FLASHING YELLOW SHALL NOT BE DISPLAYED WHEN OPERATING IN PROTECTED ONLY MODE

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
[CT]	EXISTING CONTROLLER CABINET
⊙	EXISTING POLE
[]	EXISTING VIDEO DETECTION AREA
[]	VIDEO DETECTION AREA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	PROPOSED VIDEO DETECTOR CAMERA
⊙	EXISTING VEHICLE SIGNAL
⊙	PROPOSED VEHICLE SIGNAL
[PB]	EXISTING PULL BOX
⊙	EXISTING PEDESTRIAN SIGNAL
⊙	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
2	EA	VIDEO DETECTOR CAMERA ASSEMBLY
400	LF	VIDEO DETECTOR CABLE
2	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CABINET RACK *
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY) *

* INCIDENTAL TO OTHER TRAFFIC SIGNAL ITEMS

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
6	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
5	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY

ITEM 900.620 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
2	EA	VEHICLE SIGNAL HEAD (INCLUDING FLASHING YELLOW ARROW OPERATION)

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
3. VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
4. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ COMMERCE STREET). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2011 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ COMMERCE STREET).
6. VIDEO DETECTION CAMERAS SHALL BE ECONOLITE AUTOSCOPE ENCORE TO BE COMPATIBLE WITH EXISTING INFRASTRUCTURE.

NOT TO SCALE



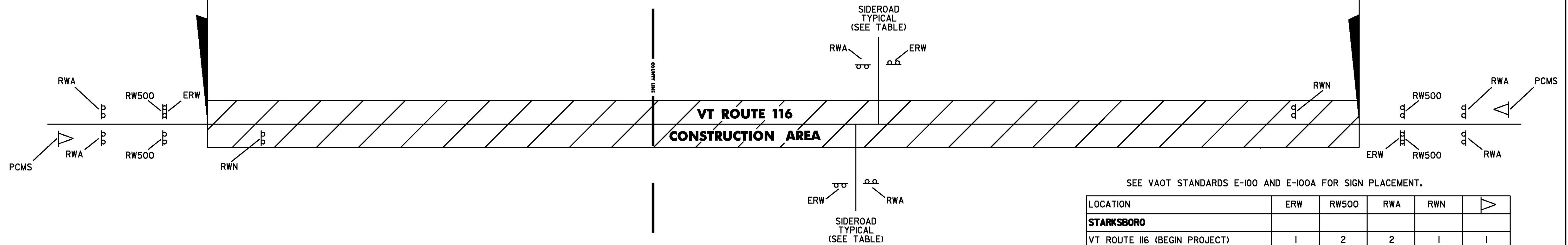
**TRAFFIC
SIGNAL
SYSTEMS
SHEET #2**

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn	PLOT DATE: 17-DEC-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266tsss02.1	SHEET 118 OF 119

**BEGIN STP 2930(1) VT ROUTE 116
STARKSBORO STA. 87+12.00 (MM 1.650)**

**END STP 2930(1) VT ROUTE 116
HINESBURG STA. 381+69.12 (MM 7.229)**



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

LOCATION	ERW	RW500	RWA	RWN	▶
STARKSBORO					
VT ROUTE 116 (BEGIN PROJECT)		2	2	1	1
PARSONAGE ROAD (TH-22)					
BIG HOLLOW ROAD (TH-5)					
STATES PRISON HOLLOW ROAD (TH-3)					
CEMETERY ROAD (TH-34)					
VARNEY HILL ROAD (TH-14)					
HINESBURG					
TYLER BRIDGE ROAD (TH-25)					
HOLLOW ROAD (TH-5)					
HINES ROAD (TH-31)					
OLD ROUTE 116 (TH-35)					
OLD ROUTE 116 (TH-35)					
NORTH ROAD (TH-9)					
GILMAN ROAD (TH-30)					
BEECHER HILL ROAD (TH-36)					
LAVIGNE HILL ROAD (TH-21)					
BUCK HILL ROAD WEST (TH-20)					
SILVER STREET					
CHARLOTTE ROAD					
MECHANICSVILLE ROAD					
FARMALL DRIVE (PRIVATE ROAD)					
COMMERCE STREET (TH-43)					
SHELburne FALLS ROAD					
CVJ ROAD					
PLAGE ROAD WEST (TH-15)					
VT ROUTE 116 (END PROJECT)		2	2	1	1
TOTALS	25	4	27	2	2

GENERAL NOTES:

- THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE BUT IS NOT LIMITED TO ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VAOT STANDARDS, ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE ENGINEER SHALL ALSO BE INCLUDED.
- THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS. EXISTING SIGNS WHICH CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED OR REMOVED. CONES SHALL BE USED ALONG THE ENTIRE LENGTH OF THE LANE CLOSURE TO DELINEATE THE TRAVEL SPACE. THE COSTS ASSOCIATED WITH ALL WORK DESCRIBED IN THIS NOTE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.
- SEE VAOT STANDARD E-100 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
- CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH PART 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS AND SPECIAL PROVISIONS.
- DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
- RETROREFLECTIVE SHEETING SHALL BE ASTM D 4956 TYPE III OR VIII MINIMUM AS NOTED ON VAOT STANDARD E-100 AND IN SUBSECTION 750.08.
- CONSTRUCTION ZONE SIGNS SHALL BE INSTALLED AS OUTLINED IN THE SPECIAL PROVISIONS.
- WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOMS OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
- 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.

PEDESTRIAN TEMPORARY TRAFFIC CONTROL NOTES:

- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.
- PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.
- IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 4 FEET. IF THE TPAR IS LESS THAN 5 FEET IN WIDTH, A 5 FOOT BY 5 FOOT PASSING SPACE SHOULD BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.
- IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.
- THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OF TRAVEL.
- THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND TPAR HAVE BEEN PROVIDED.
- THE CONTRACTOR SHALL PROVIDE A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPAR'S AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT FOR DEVELOPING, IMPLEMENTING, AND MAINTAINING THE TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10.

LEGEND

- ERW = END ROAD WORK
- RW500 = ROAD WORK 500 FT
- RWA = ROAD WORK AHEAD
- RWN = ROAD WORK NEXT 12 MILES
- ▶ = PORTABLE CHANGEABLE MESSAGE SIGN

NOT TO SCALE

**CONSTRUCTION
APPROACH
SIGNING
SHEET**



PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266cas.l

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 119 OF 119