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STRUCTURES DETAIL SHEET
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-103	03-01-04	E-191	02-01-99
E-106	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	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARDRAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
UTILITY POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

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



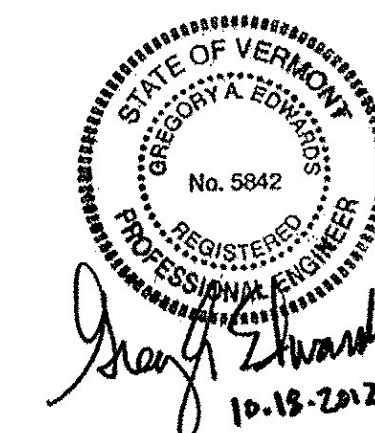
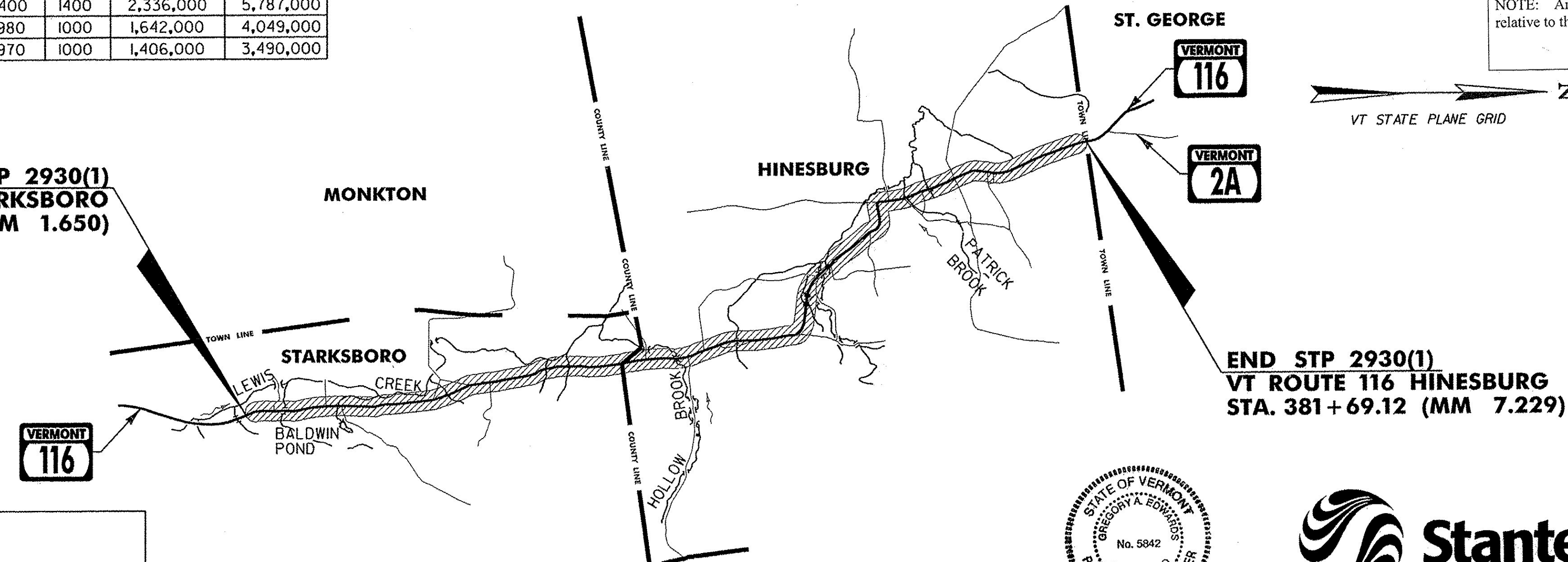
PROPOSED IMPROVEMENT
TOWNS OF STARKSBORO & HINESBURG
COUNTIES OF ADDISON & CHITTENDEN
VT ROUTE 116
MINOR ARTERIAL

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:	LENGTH (FEET)	LENGTH (MILES)
TOWN OF STARKSBORO		
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	
MM 0.000 TO 7.229		7.229

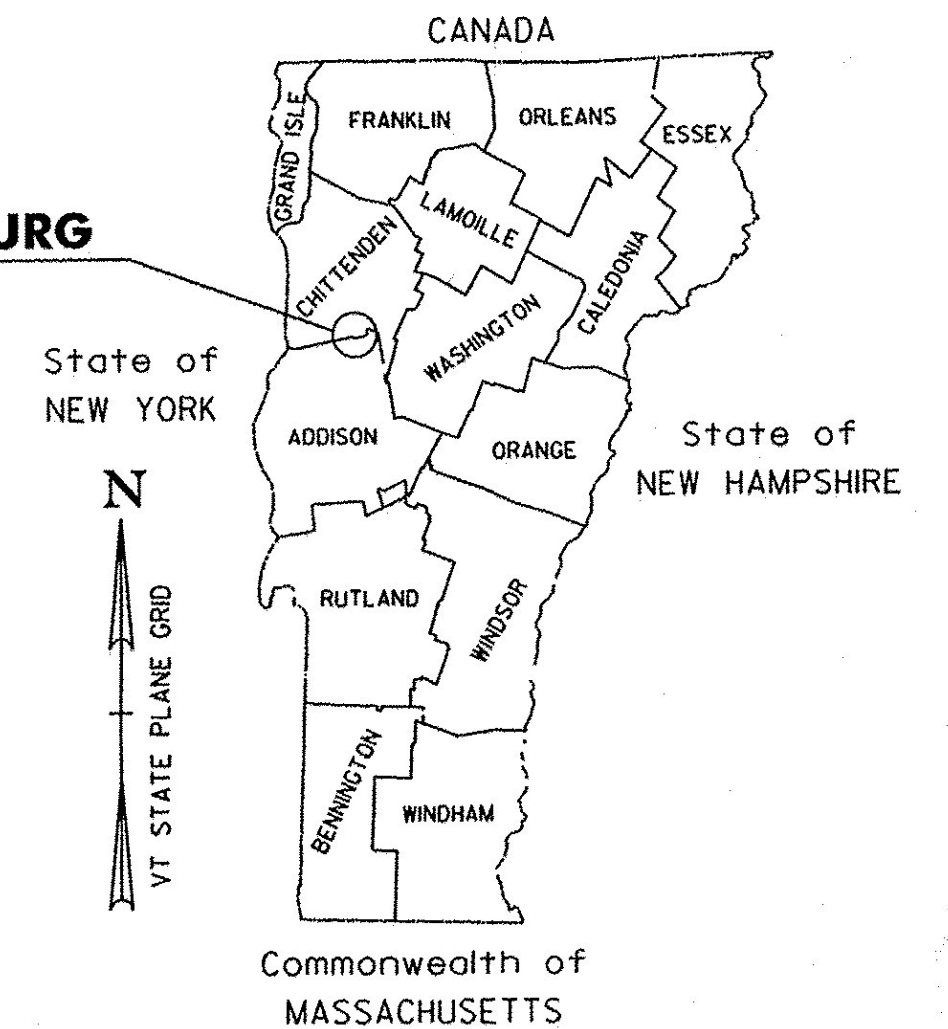
TOTAL LENGTH OF PROJECT:	64,674.72	12.249
TOTAL LENGTH OF ROADWAY:	64,674.72	12.249

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.



DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED:	DATE: 11-28-12
PROJECT MANAGER : MICHAEL FOWLER		
PROJECT NAME : STARKSBORO-HINESBURG		
PROJECT NUMBER : STP 2930(1)		
SHEET 1 OF 119 SHEETS		

STARKSBORO-HINESBURG
STP 2930(1)



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:	For RESIDENT ENGINEER Dale Norton
DATE: 11-15-12	

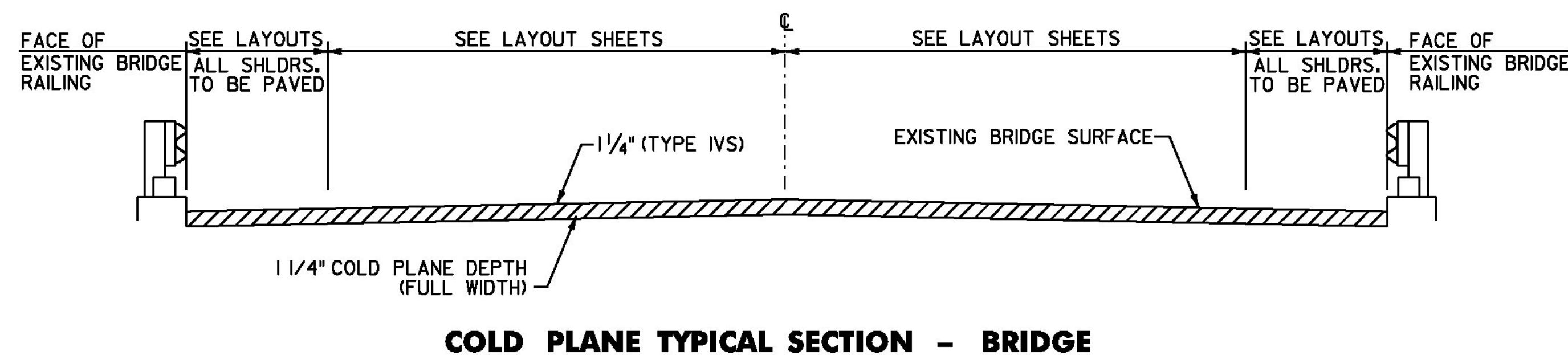
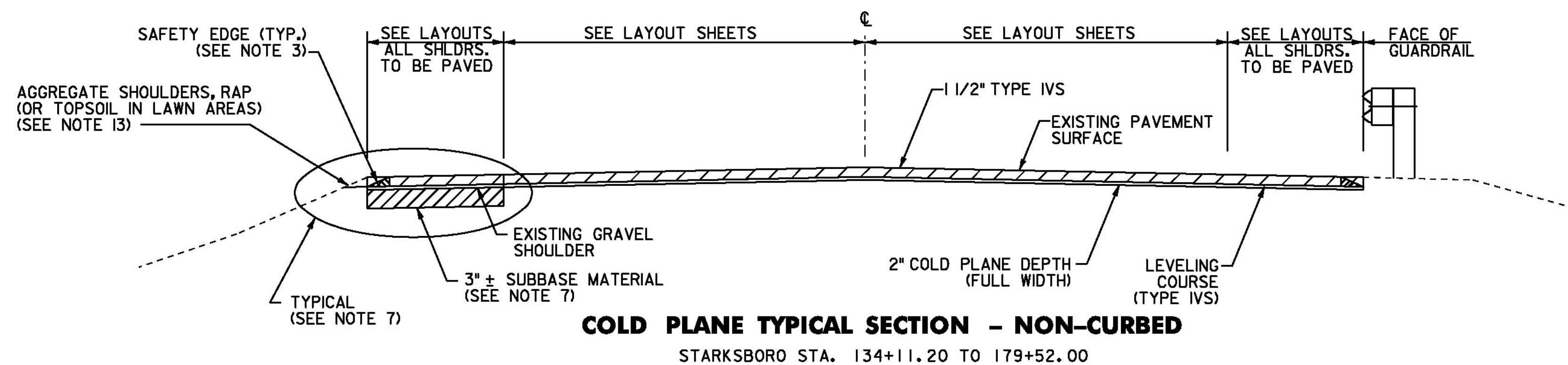
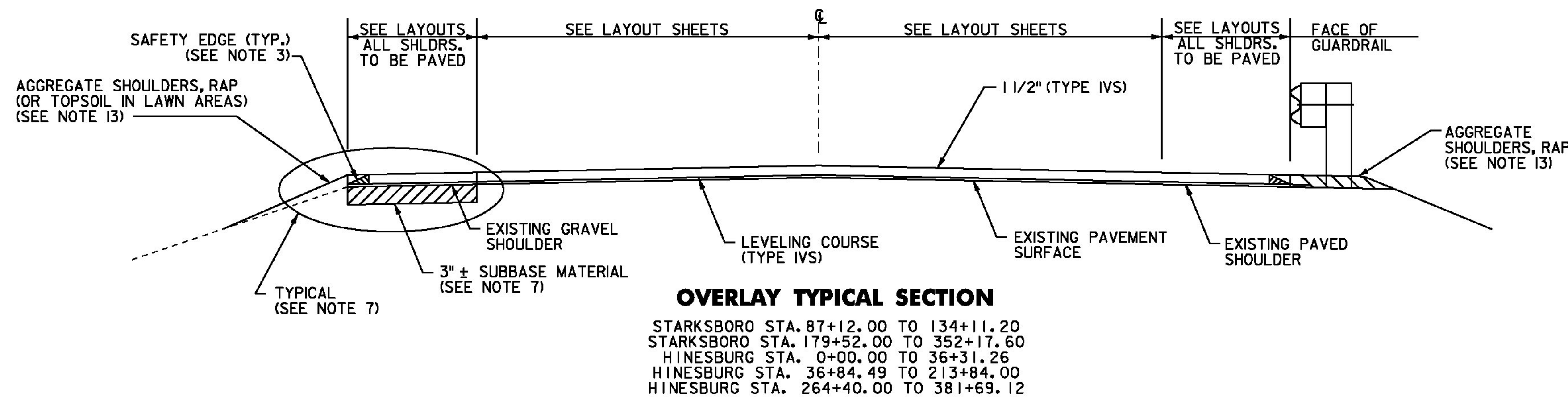
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

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".

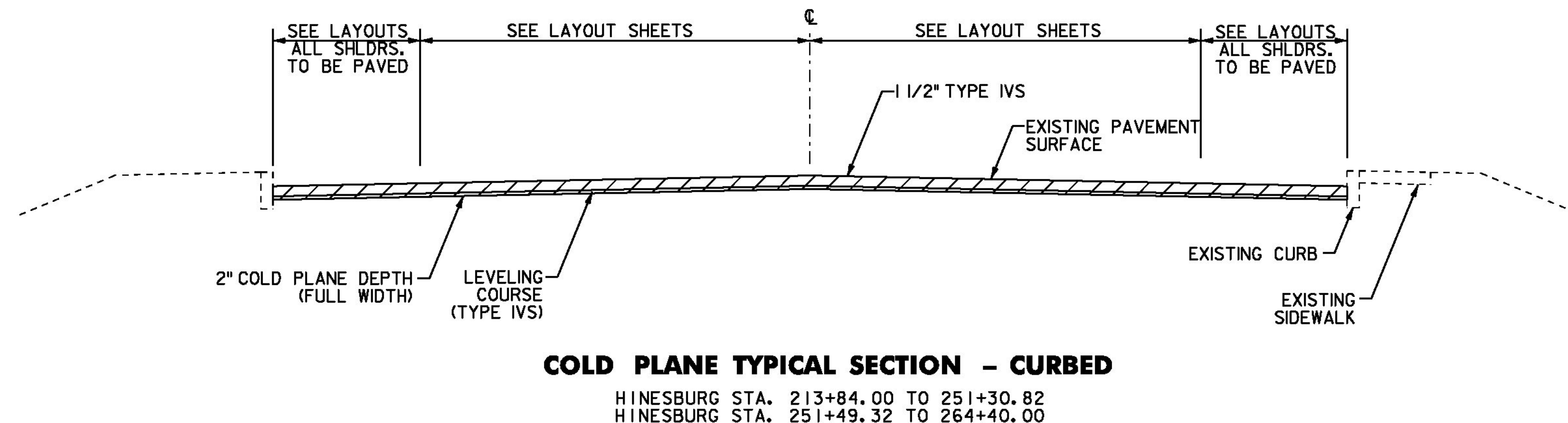


BR*21 HINESBURG STA. 36+31.26 TO 36+84.49
 BR*27 HINESBURG STA. 251+30.82 TO 251+49.32

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)



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 = $\pm 1/4"$. (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.

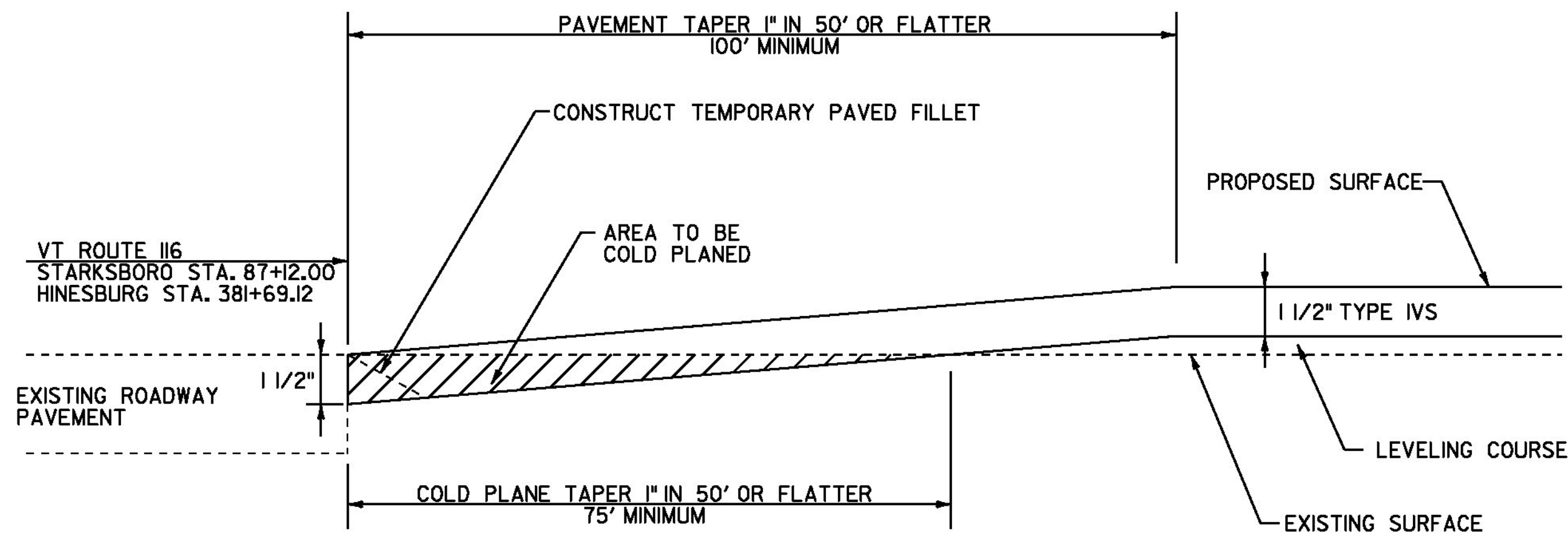
EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM PROJECT, AS DIRECTED BY THE ENGINEER.
8. ALL PUBLIC OR PRIVATE DRIVES SHALL RECEIVE A MINIMUM 4' PAVED APRON, 2' FOR FIELD DRIVES, PAYABLE UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES) 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



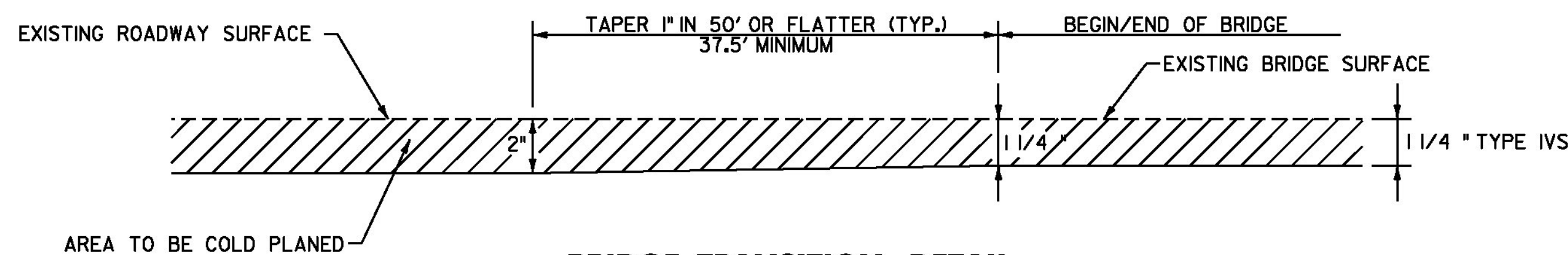
**PROJECT
TYPICAL
SHEET #1**

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

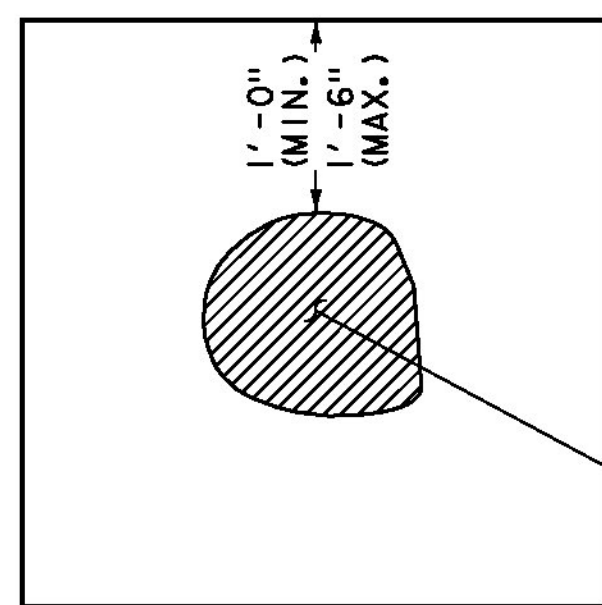


APPROACH AREA DETAIL (BEGIN AND END LEVELING AND OVERLAY)

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)



BRIDGE TRANSITION DETAIL



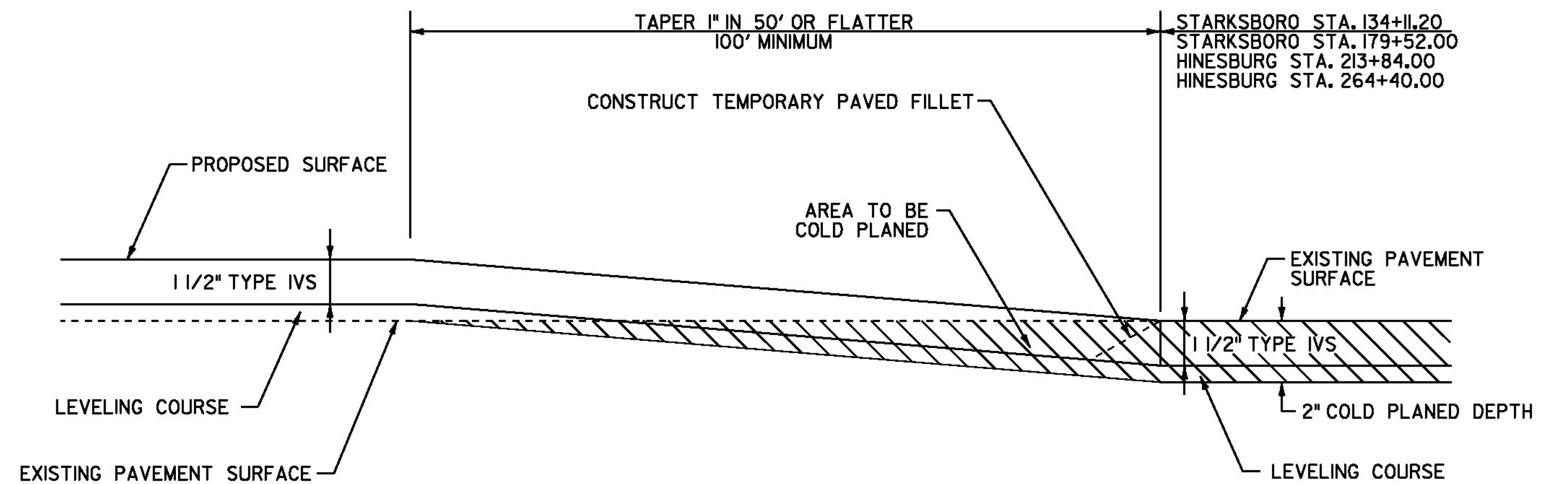
TYPICAL - POT HOLE REPAIR

SEE NOTE 6 ON SHEET 2.
NOT TO SCALE

SAW CUT BITUMINOUS
CONCRETE PAVEMENT

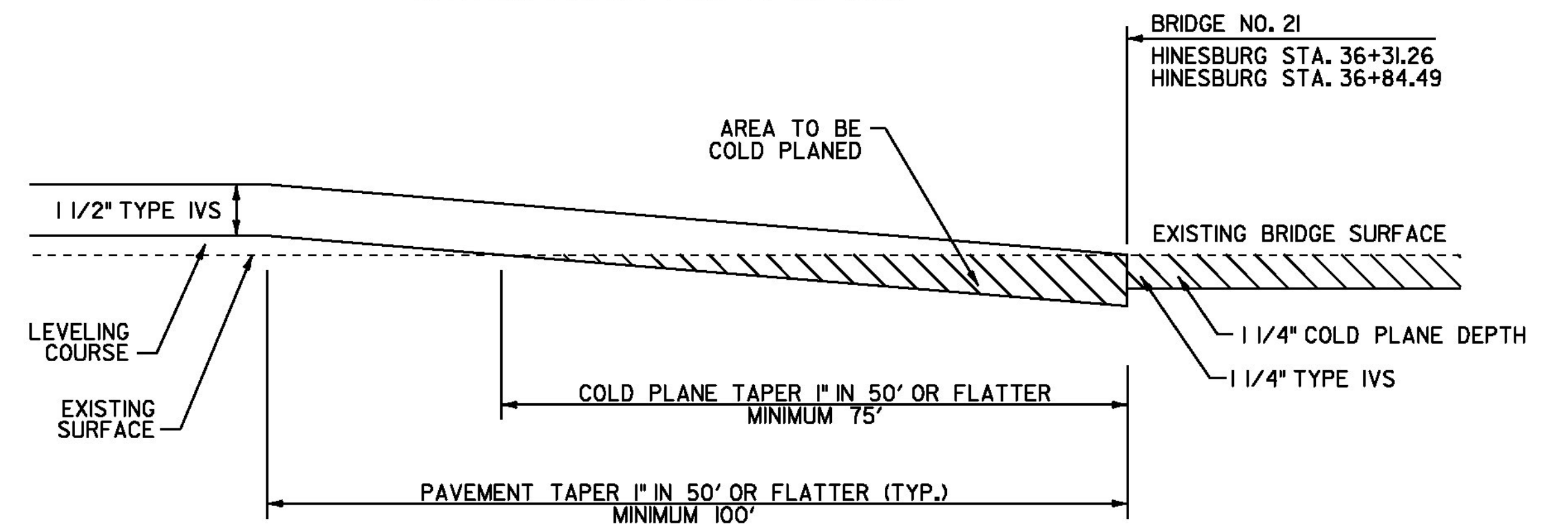
EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH
INTERFACES AT A RATE OF 0.25 - 0.5 GAL/SY. EMULSIFIED
ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404
AND WILL BE CONSIDERED INCIDENTAL TO THE PATCHING
MATERIAL.

EXISTING POT HOLE
DEPTH 3/4" MIN.



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



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

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

SUBBASE OF CRUSHED GRAVEL, FINE
GRADED (ITEM 301.28)

LIMIT OF EXCAVATION
EXCAVATION FOR CURB
PAID UNDER ITEM 616.21
VERTICAL GRANITE CURB

VERTICAL GRANITE CURB
(ITEM 616.21)
(SEE VAOT STANDARD C-10 FOR CURB DETAILS)

NEW CURB DETAIL

NOT TO SCALE

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

NOT TO SCALE

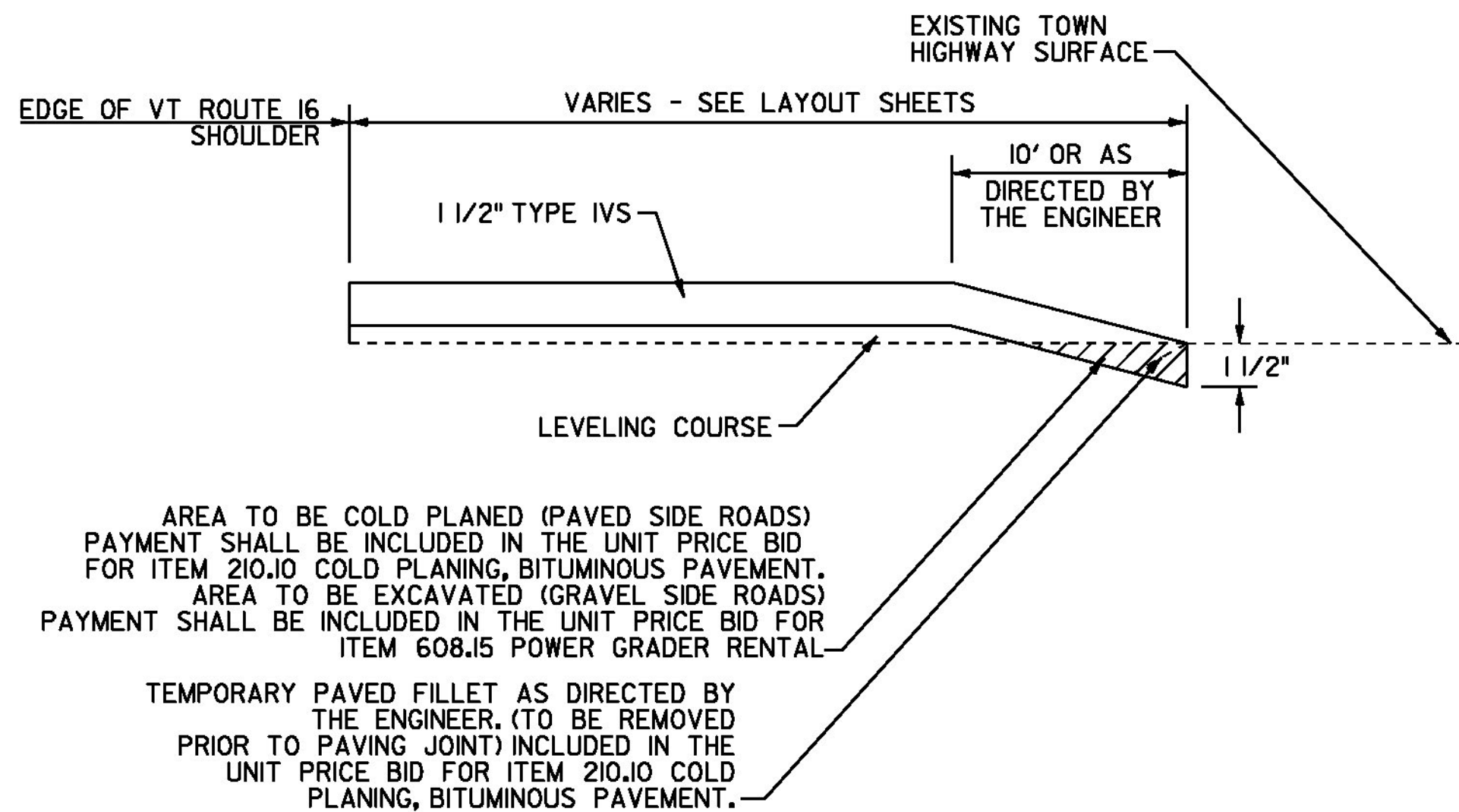


PROJECT TYPICAL SHEET #2

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

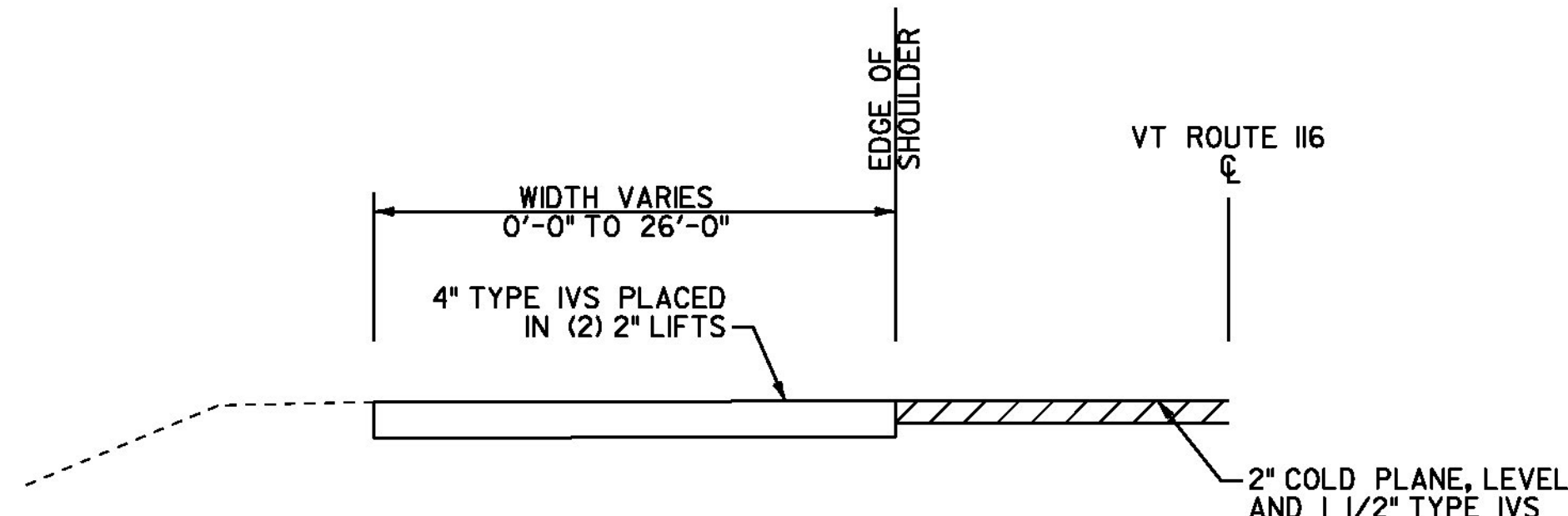


OVERLAY APPROACH AREA DETAIL - SIDE ROADS

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

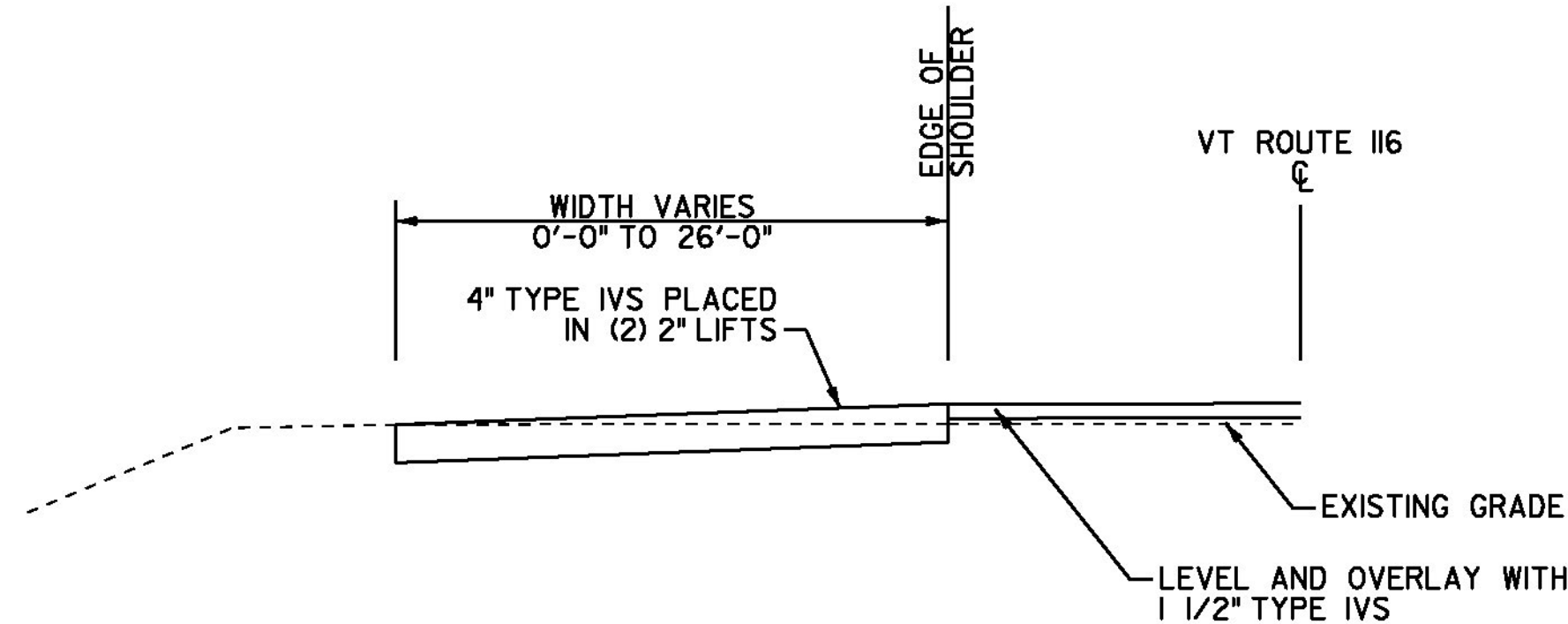
FULL ROADWAY WIDTH

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)



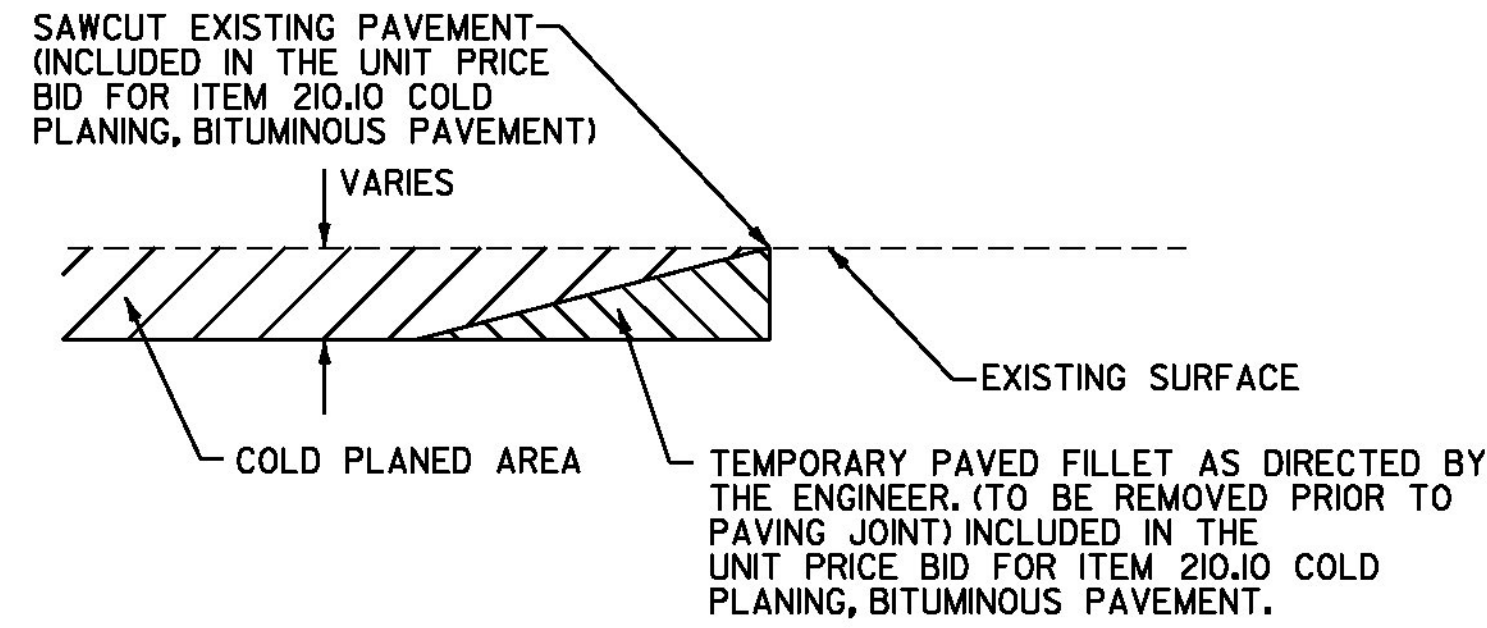
PAVED PULL-OFF DETAIL IN COLD PLANE AREAS

STARKSBORO STA. 168+80, LT.



PAVED PULL-OFF DETAIL IN OVERLAY AREAS

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



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.

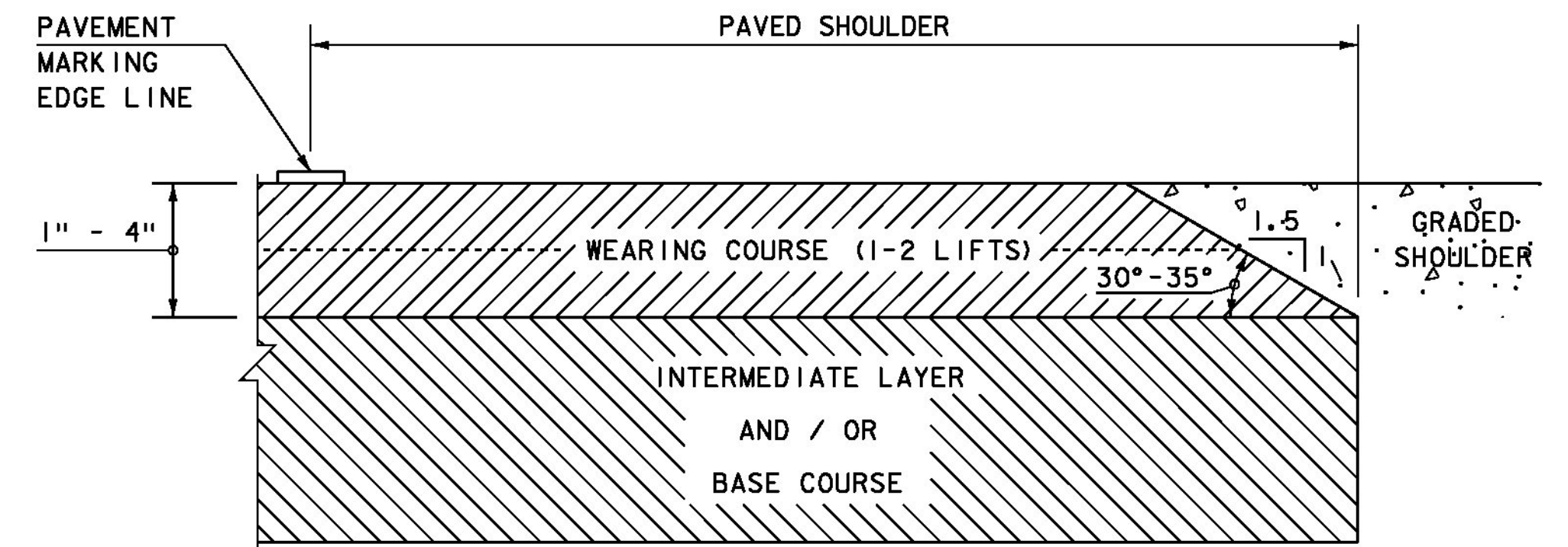
TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

PAVED PULL-OFF

NOTES:

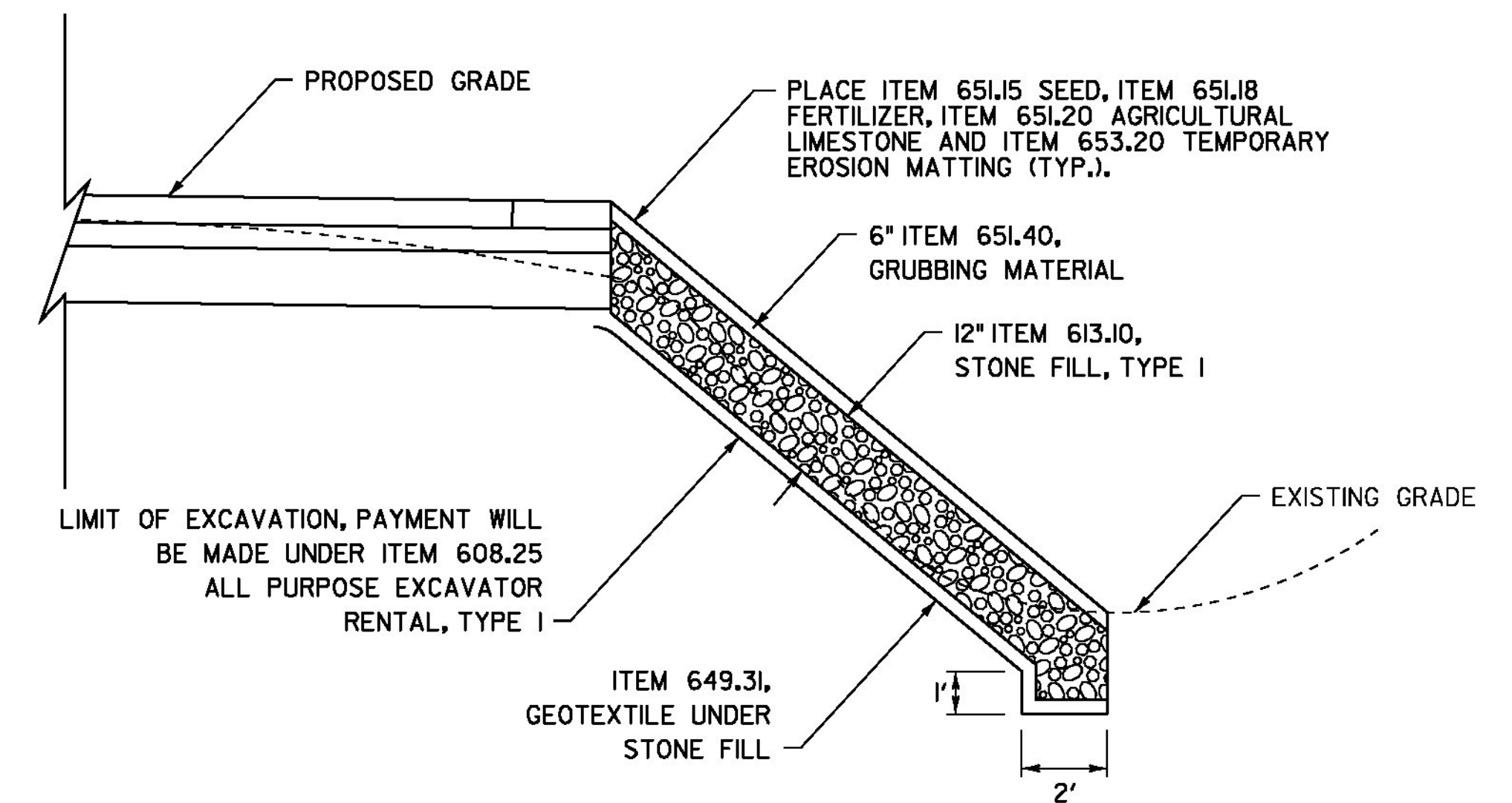
- GRADE EXISTING GRAVEL PULL-OFF AS NECESSARY TO PROVIDE A SMOOTH SURFACE OR AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE PAID BY ITEM 608.15 POWER GRADER RENTAL. ANY EXCAVATION REQUIRED, SHALL BE PAID AS ITEM 203.15 COMMON EXCAVATION.

- 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.



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

PROJECT TYPICAL SHEET #3

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

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



STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES					TOTALS		DESCRIPTIONS			
	ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL / STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND
	1					1	EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-
	130					130	CY	COMMON EXCAVATION	203.15	11.3
	2650					2650	CY	EARTH BORROW	203.30	-
	1					1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
	39300					39300	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	728
	6400					6400	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	45
	2070					2070	TON	AGGREGATE SHOULDERS, RAP	402.13	15
	1					1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
	28220					28220	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	341
	1					1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
	1					1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
	1					1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
	1					1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
				160		160	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	8
				150		150	LF	REMOVAL OF EXISTING BRIDGE RAILING	525.10	-
				150		150	LF	BRIDGE RAILING REPAIR, TYPE II	525.55	-
				100		100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
	22		5			27	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
	5					5	EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
	60					60	HR	POWER GRADER RENTAL	608.15	EST.
	330					330	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
	60					60	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
	660					660	HR	TRUCK RENTAL	608.37	EST.
	40					40	HR	LOADER RENTAL, TYPE I	608.40	EST.
	355					355	CY	STONE FILL, TYPE I	613.10	6
	22					22	LF	VERTICAL GRANITE CURB	616.21	1
	130					130	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28	7
	2150					2150	LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	28
	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

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COLD PLANING, BITUMINOUS PAVEMENT
36310	SY	MAINLINE
173	SY	BRIDGE
2089	SY	SIDE ROADS
728	SY	ROUNDING
39300	SY	TOTAL
		SUBBASE OF CRUSHED GRAVEL, FINE GRADED
6281	TON	SHOULDER REPAIR
19	TON	SIDEWALK RAMPS
54	TON	COMMERCE STREET WIDENING
1	TON	STA. 239+34, LT DI REHAB
45	TON	ROUNDING
6400	TON	TOTAL
		SUPERPAVE BITIMINOUS CONCRETE PAVEMENT
18346	TON	MAINLINE (WEARING COURSE TYPE IVS)
13	TON	BRIDGE (WEARING COURSE TYPE IVS)
599	TON	SIDE ROADS (WEARING COURSE TYPE IVS)
8	TON	COMMERCE STREET WIDENING (BASE COURSE TYPE IVS)
146	TON	PULL-OFFS (WEARING COURSE TYPE IVS)
6317	TON	LEVELING (TYPE IVS)
2450	TON	SPOT LEVELING (TYPE IVS)
341	TON	ROUNDING
28220	TON	TOTAL
		STONE FILL, TYPE I
225	CY	DITCH CLEANING
124	CY	SLOPE EROSION PREVENTION
6	CY	ROUNDING
355	CY	TOTAL
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

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

QUANTITY SHEET 2

[illegible]

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES						TOTALS		DESCRIPTIONS		
	ROADWAY	ROADWAY NO FEDERAL PARTICIPATION	ROADWAY (NO FEDERAL/ STATE)	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUND
								BEGIN OPTION DD		
	85					85	LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	3
	85					85	LF	DURABLE 8 INCH YELLOW LINE, EPOXY PAINT	646.453	3
	85					85	LF	DURABLE 8 INCH YELLOW LINE, POLYUREA	646.454	3
								END OPTION DD		
								BEGIN OPTION EE		
	320					320	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	7
	320					320	LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	7
	320					320	LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	7
								END OPTION EE		
								BEGIN OPTION FF		
	72					72	EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
	72					72	EACH	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-
	72					72	EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-
								END OPTION FF		
								BEGIN OPTION GG		
	180					180	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	5
	180					180	LF	DURABLE CROSSWALK MARKING, EPOXY PAINT	646.503	5
	180					180	LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	5
								END OPTION GG		
	264500					264500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	2640
	220300					220300	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	2212
	740					740	LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	10
	175					175	LF	TEMPORARY 8 INCH YELLOW LINE, PAINT	646.652	11
	1670					1670	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	8
	248					248	EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-
	750					750	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	12
	6600					6600	EACH	LINE STRIPING TARGETS	646.76	130
	1500					1500	SY	GEOTEXTILE UNDER STONE FILL	649.31	30
	400					400	LB	SEED	651.15	1
	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

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		GEOTEXTILE UNDER STONE FILL
1013	SY	DITCH CLEANING
457	SY	SLOPE EROSION PREVENTION
30	SY	ROUNDING
1500	SY	TOTAL
		SEED
65	LB	DITCH CLEANING
5	LB	SLOPE EROSION PREVENTION
317	LB	TURF ESTABLISHMENT
5	LB	EXCAVATION OF PAVEMENT (CEMETERY ROAD)
1	LB	EXCAVATION OF PAVEMENT (OLD ROUTE 116)
1	LB	EXCAVATION OF PAVEMENT (OLD ROUTE 116)
2	LB	EXCAVATION OF PAVEMENT (BEECHER HILL ROAD)
1	LB	HINESBURG STA. 239+34, LT DI REHAB
1	LB	HINESBURG STA. 260+39 TO 260+53, RT WIDENING FOR (COMMERCE STREET)
1	LB	HINESBURG STA. 260+97 TO 261+27, RT WIDENING FOR (COMMERCE STREET)
1	LB	ROUNDING
400	LB	TOTAL
		TEMPORARY EROSION MATTING
3682	SY	DITCH CLEANING
2650	SY	GUARDRAIL END SECTIONS
302	SY	SLOPE EROSION PREVENTION
270	SY	EXCAVATION OF PAVEMENT (CEMETERY ROAD)
385	SY	EXCAVATION OF PAVEMENT (OLD ROUTE 116)
155	SY	EXCAVATION OF PAVEMENT (OLD ROUTE 116)
1100	SY	EXCAVATION OF PAVEMENT (BEECHER HILL ROAD)
7	SY	HINESBURG STA. 239+34, LT DI REHAB
8	SY	HINESBURG STA. 260+39 TO 260+53, RT WIDENING FOR (COMMERCE STREET)
4	SY	HINESBURG STA. 260+97 TO 261+27, RT WIDENING FOR (COMMERCE STREET)
37	SY	ROUNDING
8600	SY	TOTAL
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		

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

QUANTITY SHEET 4

[illegible]

ITEM DETAIL SUMMARY SHEET 1

LOCATION			GUARDRAIL						MISCELLANEOUS																	REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	62I.20	62I.205	62I.2I	62I.2I6	62I.60	62I.80	203.I5	203.30	30I.28	402.I3	604.4I2	604.4I5	6I3.I0	6I6.2I	6I6.28	6I6.305	6I6.40	6I6.4I						
			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 IIG																										
STARKSBORO HINESBURG																										
87+I2.00	38I+69.I2	LT&RT									628I	2055	22	5									QUANTITIES FOR USE AS DIRECTED BY THE ENGINEER. FOR STRUCTURE LOCATIONS, SEE SHEET I7			
87+I2.00	38I+69.I2	LT&RT													225								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	I03+46.5	LT	366.5					2	36I.5		50												INSTALL ANCHORS @ STA. 99+84.0 AND I03+46.5			
I I2+82.0	I I8+45.0	RT	566.5					2	563		50												INSTALL ANCHORS @ STA. I I2+82.0 AND I I8+44.5.			
I I3+54.0	I I7+94.0	LT	44I.5					2	440		50				55								INSTALL ANCHORS @ STA. I I3+54.0 AND I I7+9I.5. REPAIR SLOPE EROSION AT I I4+32, I I4+52 - I I4+85 & I I5+33 - I I6+I7. SEE DETAIL ON SHEET 4.			
I23+I2.0	I23+85.0	LT																					CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET I9.			
I43+57.0	I43+68.0	LT																					CONSTRUCT BITUMINOUS CONCRETE GUTTER. SEE DETAIL ON SHEET I9.			
I68+80		LT								24.I													REMOVE 2" OF EXISTING GRAVEL IN PULL-OFF FOR COLD PLANING AND PAVING.			
I78+90.0	I8I+97.0	LT	304					2	304		50												INSTALL ANCHORS @ STA. I78+90.0 AND I8I+90.0			
I84+00.0	I86+38.5	LT	24I.5					2	238.5		50												INSTALL ANCHORS @ STA. I84+0I.0 AND I86+38.5			
I86+65.0	2I7+40.0	LT	3I04					2	3I00		50												INSTALL ANCHORS @ STA. I86+65.0 AND 2I7+40.0			
220+05.0	223+95.0	LT	39I.5					2	390		50												INSTALL ANCHORS @ STA. 220+05.0 AND 223+92.5			
243+4I.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	I I6.5					2	I I5.5		50												INSTALL ANCHORS @ STA. 295+I0.0 AND 296+22.5			
295+87.0	297+I5.0	LT	I29					2	I27		50												INSTALL ANCHORS @ STA. 295+90.0 AND 297+I5.0			
30I+60.0	305+63.0	LT	404					2	40I		50												INSTALL ANCHORS @ STA. 30I+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			
3I2+96.5	3I9+35.5	RT	64I.5					2	639		50												INSTALL ANCHORS @ STA. 3I2+98.0 AND 3I9+35.5			
3I6+7I.0	3I9+58.5	LT	29I.5					2	287.5		50												INSTALL ANCHORS @ STA. 3I6+7I.0 AND 3I9+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	35I+49.5	RT	I29					2	I27.5		50												INSTALL ANCHORS @ STA. 350+20.0 AND 35I+45.0			
STARKSBORO	HINESBURG																									
350+42.5	0+02.0	LT		I79				2	I75		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	I I6.5					2	I I5		50												INSTALL ANCHORS @ STA. 7+43.0 AND 8+55.5			
SHEET SUBTOTALS:			9946.5	545.5				46	I0436.5	54.I	I I50	628I	2055	22	5	280										

ITEM DETAIL SUMMARY SHEET 2

LOCATION			MISCELLANEOUS																	REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.47	617.10	617.12	618.10	618.30	649.31	653.20	676.10	676.12									
			BIT. CONC. GUTTERS & TRAFF. ISL.	RELOCATE MAILBOX, SINGLE SUPP.	RELOCATE MAILBOX, MULTIPLE SUPP.	PORT. CEM. CONC. SIDEWALK, 5 INCH	DET. WARNING SURFACE	GEOTEXTILE UNDER STONE FILL	TEMPORARY EROSION MATTING	DELINEATOR WITH STEEL POST	REMOVAL OF EXIST. DELINEATOR									
			TON	EA	EA	SY	SF	SY	SY	EA	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 3

LOCATION			GUARDRAIL						MISCELLANEOUS														REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	62I.20	62I.205	62I.2I	62I.2I6	62I.60	62I.80	203.I5	203.30	30I.28	402.J3	604.4I2	604.4I5	6I3.I0	6I6.2I	6I6.28	6I6.305	6I6.40	6I6.4I			
			S.B. G.R. GALV. LF	S.B. G.R. 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 IIG																				
HINESBURG																							
7+50.0	8+52.5	RT	I04					2	I02.5		50												INSTALL ANCHORS @ STA. 7+50.0 AND 8+50.0
34+75.0	39+75.0	LT	I14.5	264.5	65			2	429		50												INSTALL ANCHORS @ STA. 34+75.0 AND 39+75.0. REFER TO SHEET I6
35+05.0	38+I7.5	RT	I9I.5		65			2	237.5		50												INSTALL ANCHORS @ STA. 35+05.0 AND 38+I7.5.REFER TO SHEET I6
65+00.0	68+I5.5	LT	3I6.5					2	306.5		50							259					INSTALL ANCHORS @ STA. 65+00.0 AND 68+I2.5. INSTALL BIT. CONC. CURB, TYPE A STA. 65+3I TO 67+90, LT. INSTALL PERPENDICULAR BIT. GUTTER STA. 65+29, REFER TO DETAIL ON SHEET I8.
65+05.5	66+43.0	RT	I4I.5					2	I37.5		50												INSTALL ANCHORS @ STA. 65+05.5 AND 66+43.0
66+25.0	67+04.0	RT							4.8														REMOVE EXISTING PAVEMENT, SEE SHEET 5I FOR LIMITS OF WORK
76+69.0	80+09.0	LT		34I.5				2	340		50				3			3II					INSTALL ANCHORS @ STA. 76+70.0 AND 80+07.5. INSTALL BIT. CONC. CURB, TYPE A STA. 76+80 TO 77+I3 AND 77+I8 TO 79+96, INSTALL PERPENDICULAR BIT. GUTTER STA. 77+I5, REFER TO DETAIL ON SHEET I8. REPAIR SLOPE EROSION AT 76+78. SEE DETAIL ON SHEET 4.
76+86.5	79+76.5	RT		29I.5				2	290		50							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 I8.
83+78.5	88+80.0	LT		504				2	50I.5		50												INSTALL ANCHORS @ STA. 83+79.0 AND 88+79.0
87+58.0	88+08.0	RT							I.9														REMOVE EXISTING PAVEMENT, SEE SHEET 53 FOR LIMITS OF WORK
I03+29.0	I12+67.0	LT		94I.5				2	938		50				30								INSTALL ANCHORS @ STA. I03+29.5 AND I12+67.0. STEEL BEAM GUARDRAIL 8' POST, GALVANIZED FROM STA. I06+67.0 TO I10+I7.0. REPAIR SLOPE EROSION AT I05+89, I07+49, I07+76, I07+85 - I07+98, I08+45 - I08+55, I09+49 - I09+58, I09+88 - I09+97 & I10+29. SEE DETAIL ON SHEET 4
I22+65.0	I30+90.0	RT	829					2	822		50												INSTALL ANCHORS @ STA. I22+65.0 AND I30+90.0.
I26+62.5	I30+00.0	LT		34I.5				2	334		50				4			245					INSTALL ANCHORS @ STA. I26+62.5 AND I30+00.0. INSTALL BIT. CONC. CURB, TYPE A STA. I26+93 TO I28+I9 AND I28+25 TO I29+44. INSTALL PERPENDICULAR BIT. GUTTER STA. I28+22, REFER TO DETAIL ON SHEET I8. REPAIR SLOPE EROSION AT I27+79 - I27+87. SEE DETAIL ON SHEET 4.
I3I+25.5	I44+5I.0	RT	2I4.5	I1I4.5				2	I325		50				6			I047					INSTALL ANCHORS @ STA. I3I+25.5 AND I44+50.5. INSTALL BIT. CONC. CURB, TYPE A STA. I33+38.5 TO I35+0I.5, I35+08.5 TO I37+33.5, I37+40 TO I40+02.5, I40+08.5 TO I44+02.5. INSTALL PERPENDICULAR BIT. GUTTER STA. I35+05, I37+37, I40+05, REFER TO DETAIL ON SHEET I8. REPAIR SLOPE EROSION AT I43+77 & I44+40. SEE DETAIL ON SHEET 4.
I44+3I.0	I45+33.5	LT		I04				2	I02.5		50												INSTALL ANCHORS @ STA. I44+33.5 AND I45+33.5
I47+89.0	I48+67.0	LT		79				2	78		50												INSTALL ANCHORS @ STA. I47+90.0 AND I48+65.0. INSTALL PERPENDICULAR BIT. GUTTER STA. I48+04, REFER TO DETAIL ON SHEET I8.
I47+93.0	I48+96.0	RT		I04				2	I03		50												INSTALL ANCHORS @ STA. I47+95.0 AND I48+95.0
I63+73.0	I64+90.0	RT							I3.6														REMOVE EXISTING PAVEMENT, SEE SHEET 60 FOR LIMITS OF WORK
I66+92.5	I68+42.5	LT	I04			50	2	I4I		50													INSTALL ANCHORS @ STA. I66+92.5 AND I68+42.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET I8.
I66+98.5	I67+73.5	RT	29			50	2	66		50													INSTALL ANCHORS @ STA. I66+98.5 AND I67+73.5. REFER TO DETAIL OF HD STEEL BEAM GUARDRAIL AT SMALL CULVERTS ON SHEET I8.
I73+92.0	I74+70.5	LT	79					2	78.5		50												INSTALL ANCHORS @ STA. I73+95.0 AND I74+70.0
228+35		LT							2.5		2.5						I7.5			I7.5			CONSTRUCT SIDEWALK RAMP, TYPE I
228+46		RT							0.7		0.7												CONSTRUCT SIDEWALK RAMP, TYPE 2
238+70		RT							3.0		2.8												CONSTRUCT SIDEWALK RAMP, TYPE I
238+96		RT							0.4		0.5												CONSTRUCT SIDEWALK RAMP, TYPE I
SHEET SUBTOTALS:			2I23.5	4086	I30	I00	36	6332.5	26.9	900	6.5				43		I7.5	2I22		I7.5			

ITEM DETAIL SUMMARY SHEET 4

LOCATION			MISCELLANEOUS																REMARKS
BEGIN MILE STA.	END MILE STA.	POS.	616.47	617.10	617.12	618.10	618.30	649.31	653.20	676.10	676.12								
			BIT. CONC. GUTTERS & TRAFF. ISL. TON	RELOC. MAILBOX, SINGLE SUPP. EA	RELOCATE MAILBOX, MULTIPLE SUPP. EA	PORT. CEM. CONC. SIDEWALK, 5 INCH SY	DET. WARNING SURFACE SF	GEOTEXTILE UNDER STONE FILL SY	TEMPORARY EROSION MATTING SY	DELINEATOR WITH STEEL POST EA	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 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. 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 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									

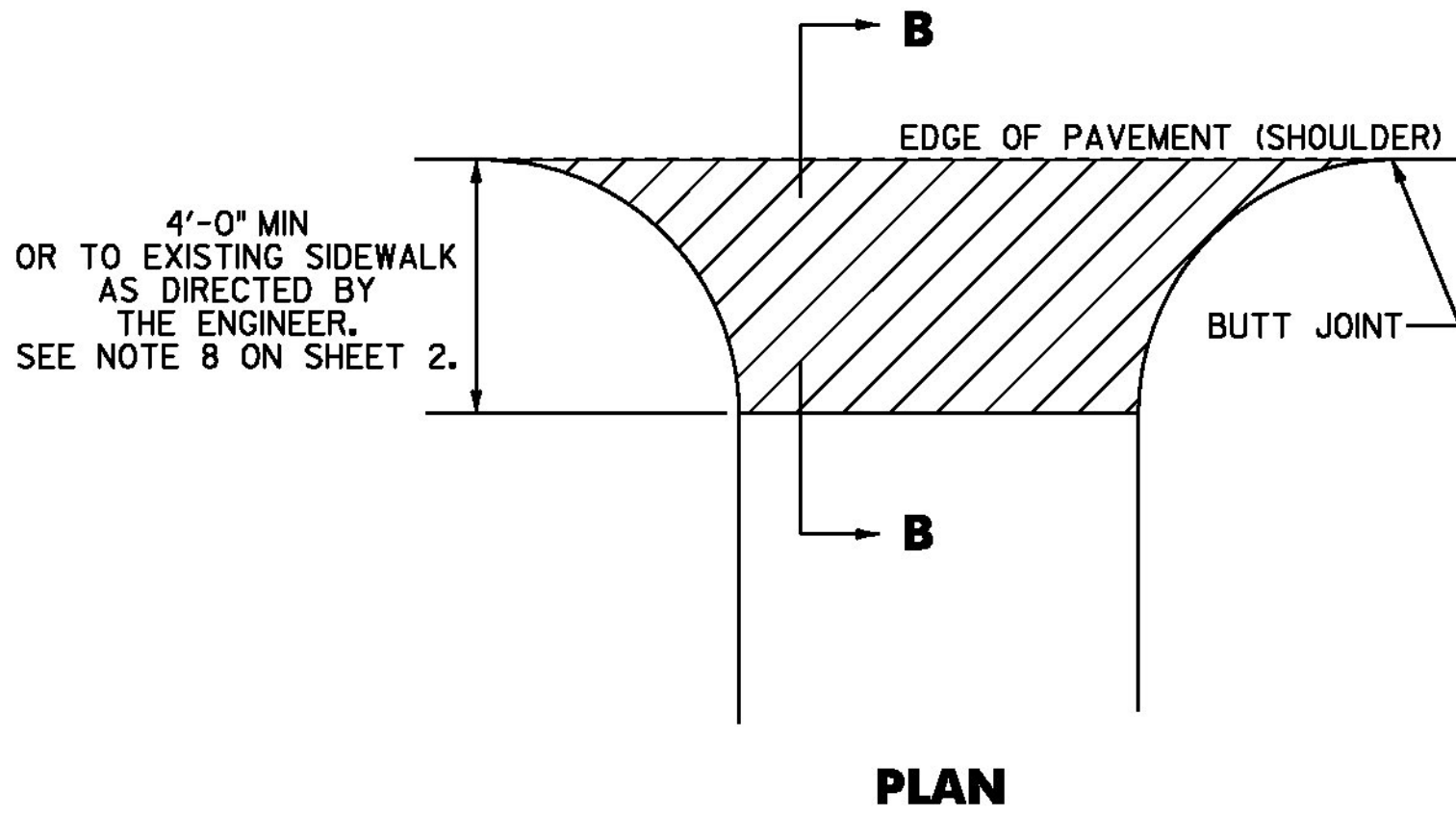
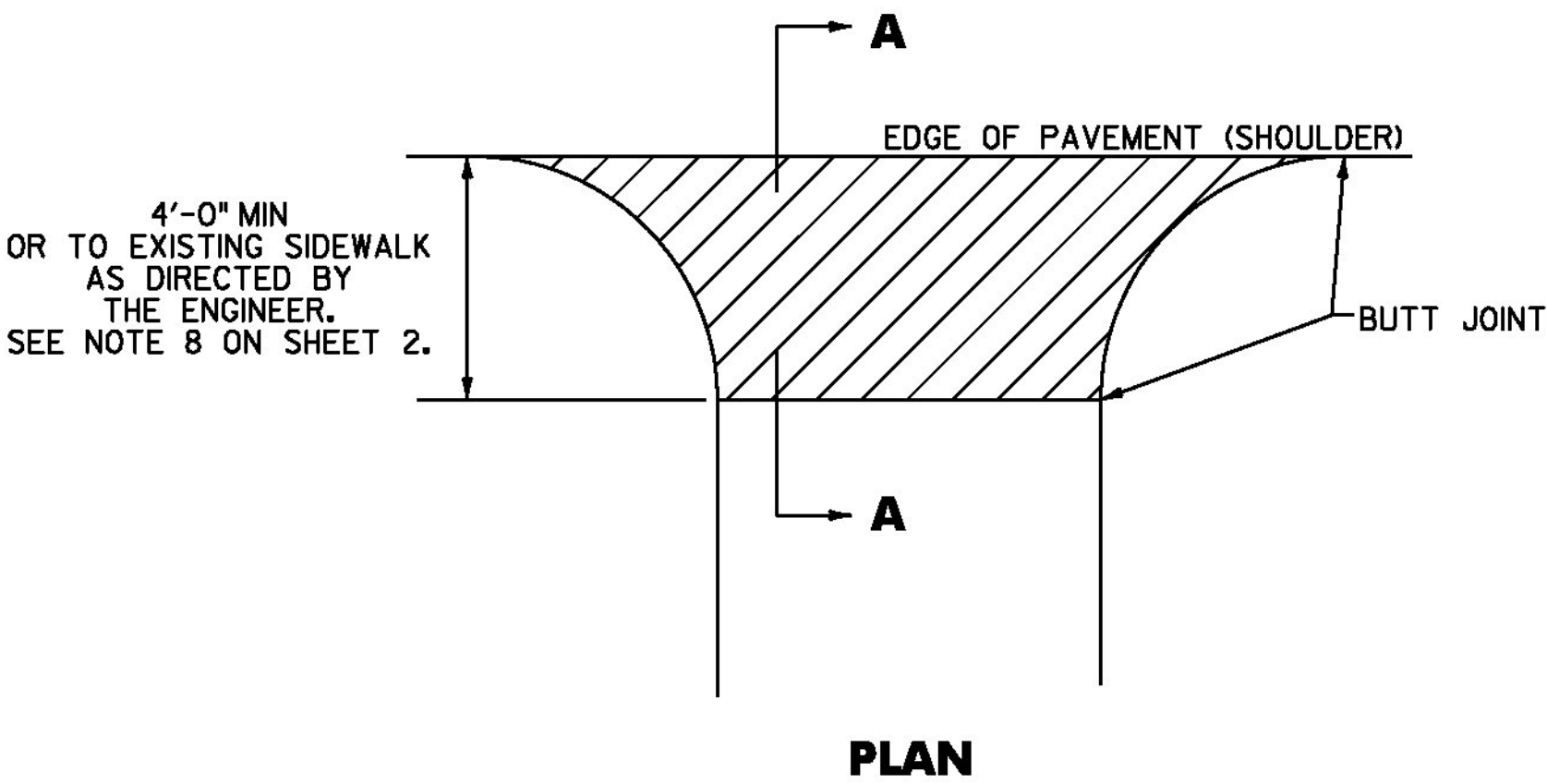
STATION	POSITION	QUANTITY (SY)
STARKSBORO		
87+95	RT	30
92+97	LT	9
95+84	LT	10
99+65	RT	19
99+66	LT	4
108+71	LT	6
110+07	LT	9
111+66	RT	10
112+63	LT	12
113+42	LT	10
119+48	LT	25
119+64	RT	23
121+61	LT	17
123+92	LT	8
125+69	RT	10
125+82	LT	13
128+78	RT	12
133+15	RT	21
136+79	RT	10
138+20	LT	10
138+50	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

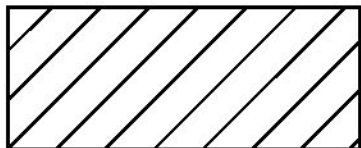
STATION	POSITION	QUANTITY (SY)
HINESBURG		
349+27	LT	12
350+24	RT	10
352+36	RT	4
354+16	LT	10
354+86	LT	21
356+24	RT	21
360+33	RT	15
365+56	RT	10
366+43	LT	9
367+52	RT	11
370+66	LT	17
372+66	RT	14
374+48	LT	10
378+72	RT	10
380+23	LT	19
SUBTOTAL		193
COLUMN 1		788
COLUMN 2		847
COLUMN 3		1340
COLUMN 4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



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



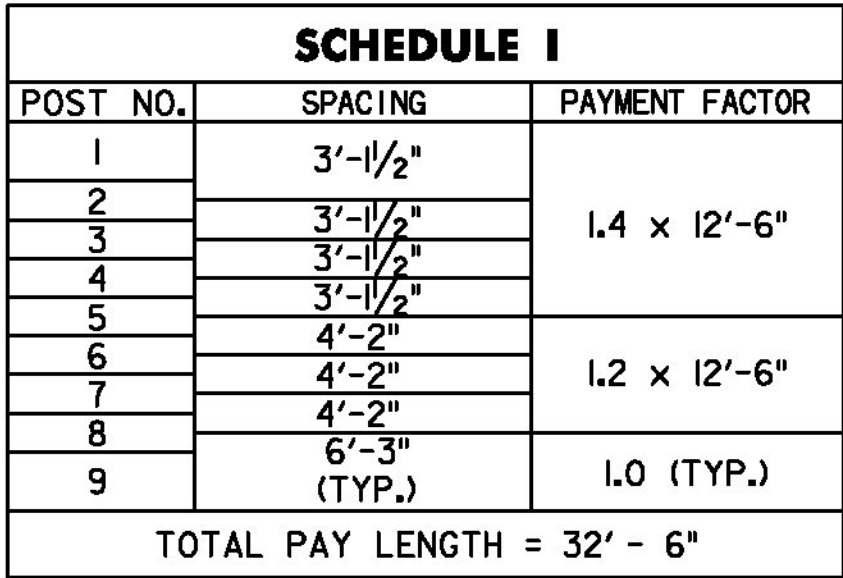
ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)

NOT TO SCALE



DRIVE DETAIL SHEET

PROJECT NAME:	STARKSBORO-HINESBURG		
PROJECT NUMBER:	STP 2930(1)		
FILE NAME:	pl0b266.dgn	PLOT DATE:	28-NOV-2012
PROJECT LEADER:	JLL	DRAWN BY:	STANTEC
DESIGNED BY:	STANTEC	CHECKED BY:	MCF
IPARM FILE:	pl0b266ds01.i	SHEET	15 OF 119

[illegible]

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

BRIDGE APPROACH RAILING

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 VAO 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 VAO 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	

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

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)

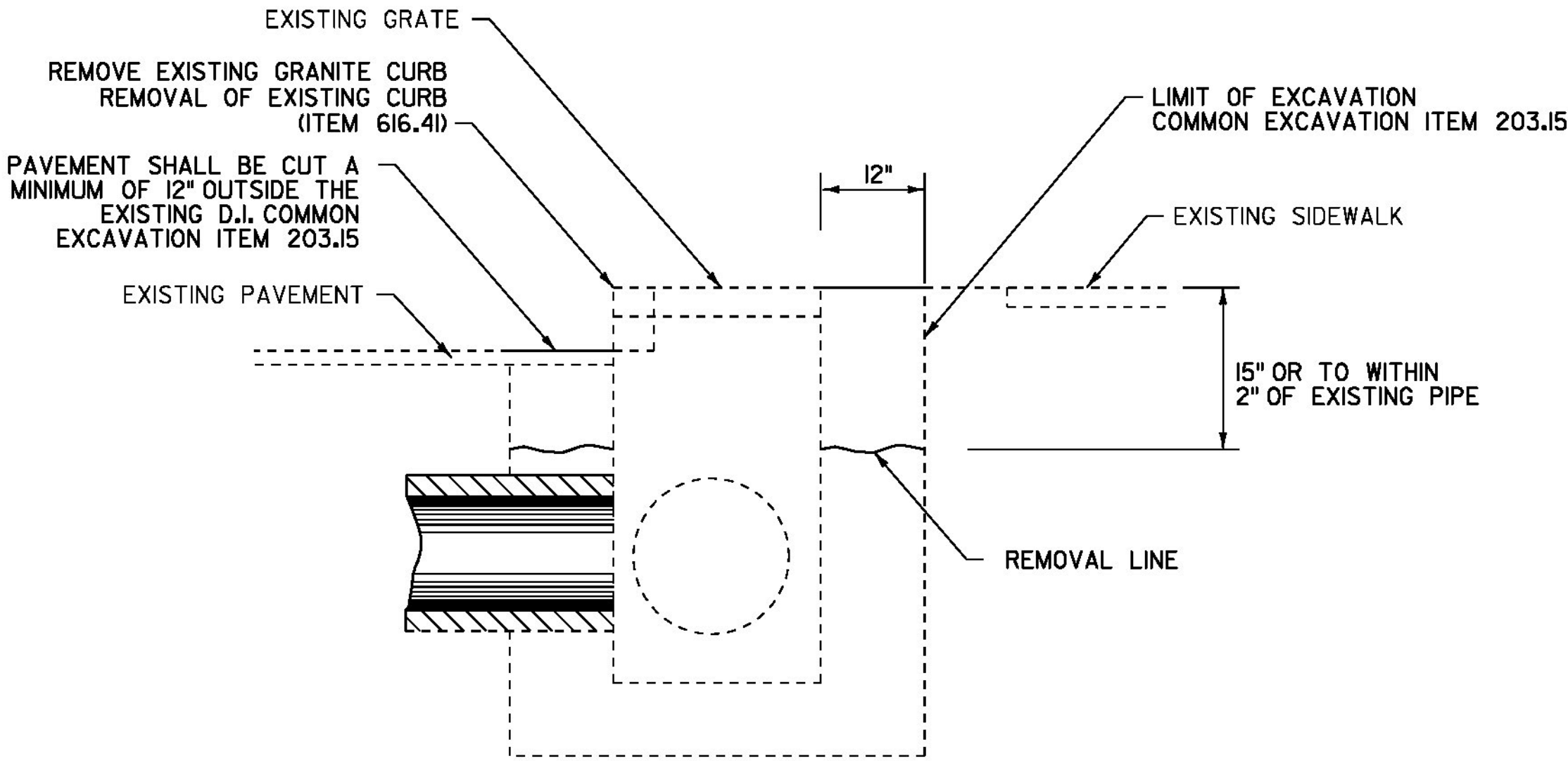
STATION	POSITION	DESCRIPTION
VT ROUTE 116		
HINESBURG		
227+19	LT	MW
239+35	RT	MW
239+54	LT	MW
239+69	LT	MW
239+80	RT	MW
239+97	LT	MW
240+02	RT	MW
240+03	LT	MW
240+15	LT	MW
240+19	LT	MW
240+28	LT	MW
240+41	RT	MW
240+58	LT	MW

NOTES:

- THESE DETAILS MAY NOT DEPICT ALL EXISTING CONDITIONS FOR ALL EXISTING D.I.'S. REHABILITATION MAY VARY, AS DIRECTED BY ENGINEER.
- 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).
- REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING FLOW LINE.
- 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.
- ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS WILL BE PAID FOR UNDER ITEMS 604.412 OR 604.415.

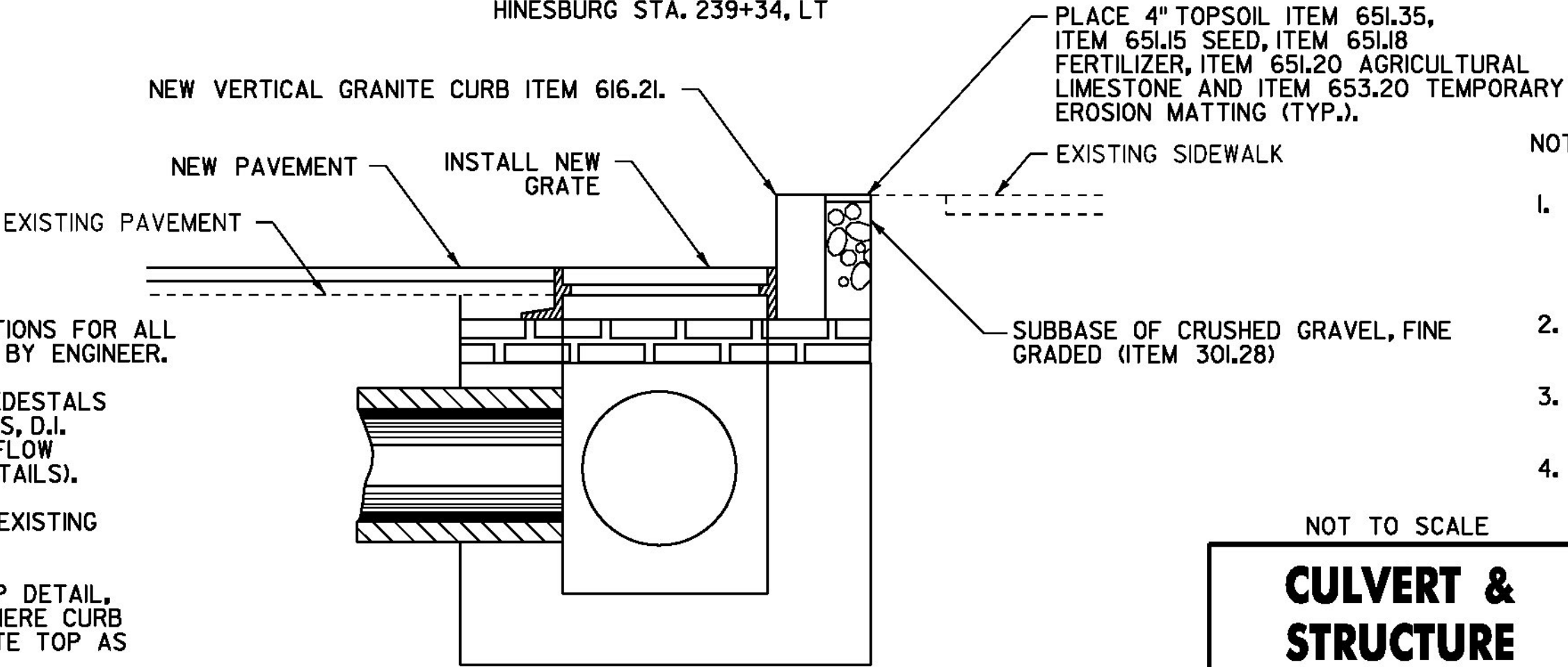
REHAB. DI'S, CB'S or MH'S, CLASS I OR II
(ITEM 604.412 OR 604.415)

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 DEATIL)
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)



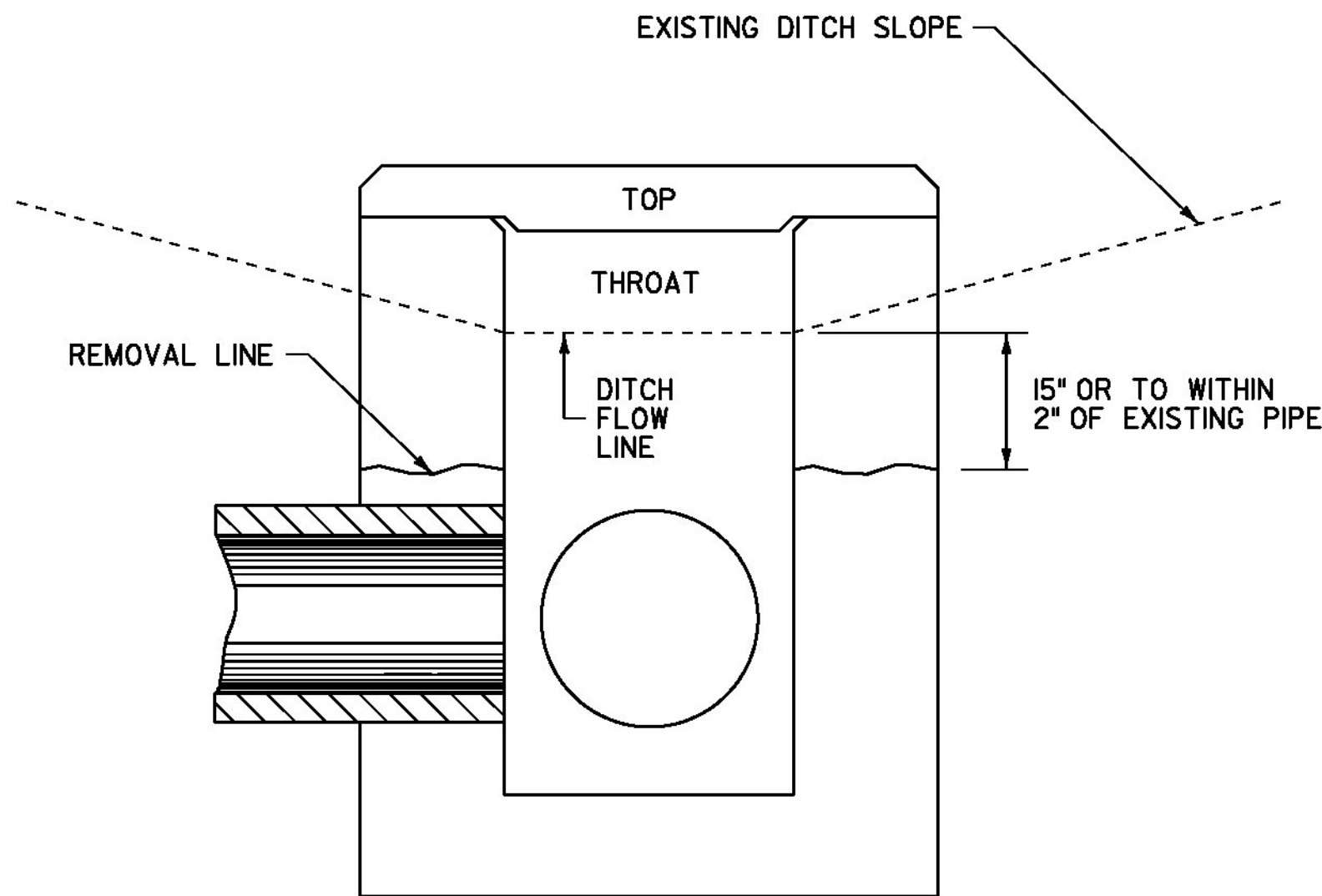
EXISTING D.I. TOP REMOVAL

HINESBURG STA. 239+34, LT

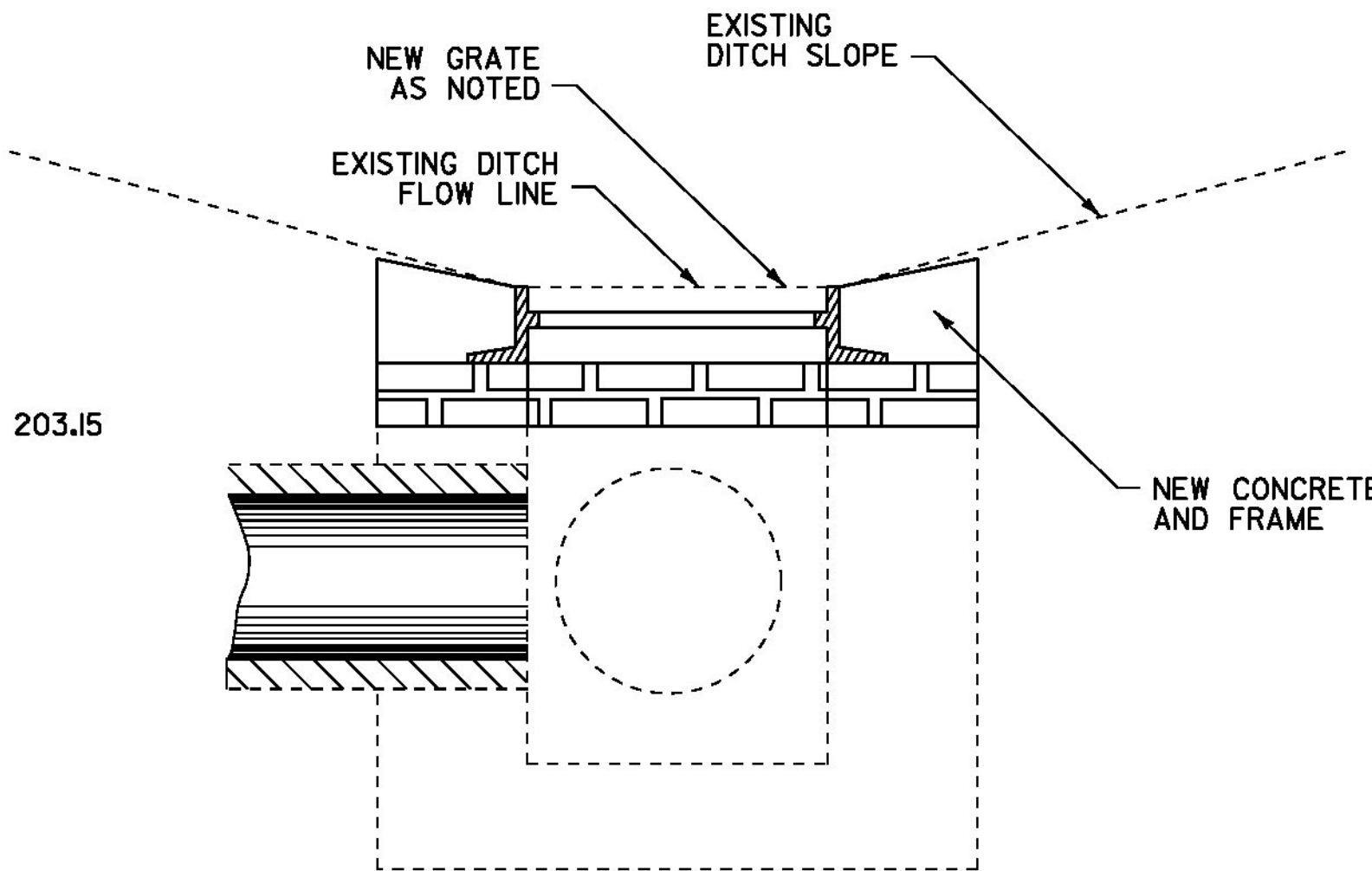


D.I. REHAB

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:

- 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).
- REDUCE BRICK COURSES AS NECESSARY TO MAINTAIN EXISTING DITCH FLOW LINE.
- SEE VAOT STANDARDS D-6 FOR CONCRETE TOP DETAIL AND D-16 FOR GRATE DETAIL.
- ALL REMOVAL AND RECONSTRUCTION, INCLUDING ALL MATERIALS, LABOR AND INCIDENTALS SHALL BE PAID FOR UNDER ITEM 604.412 OR ITEM 604.415.

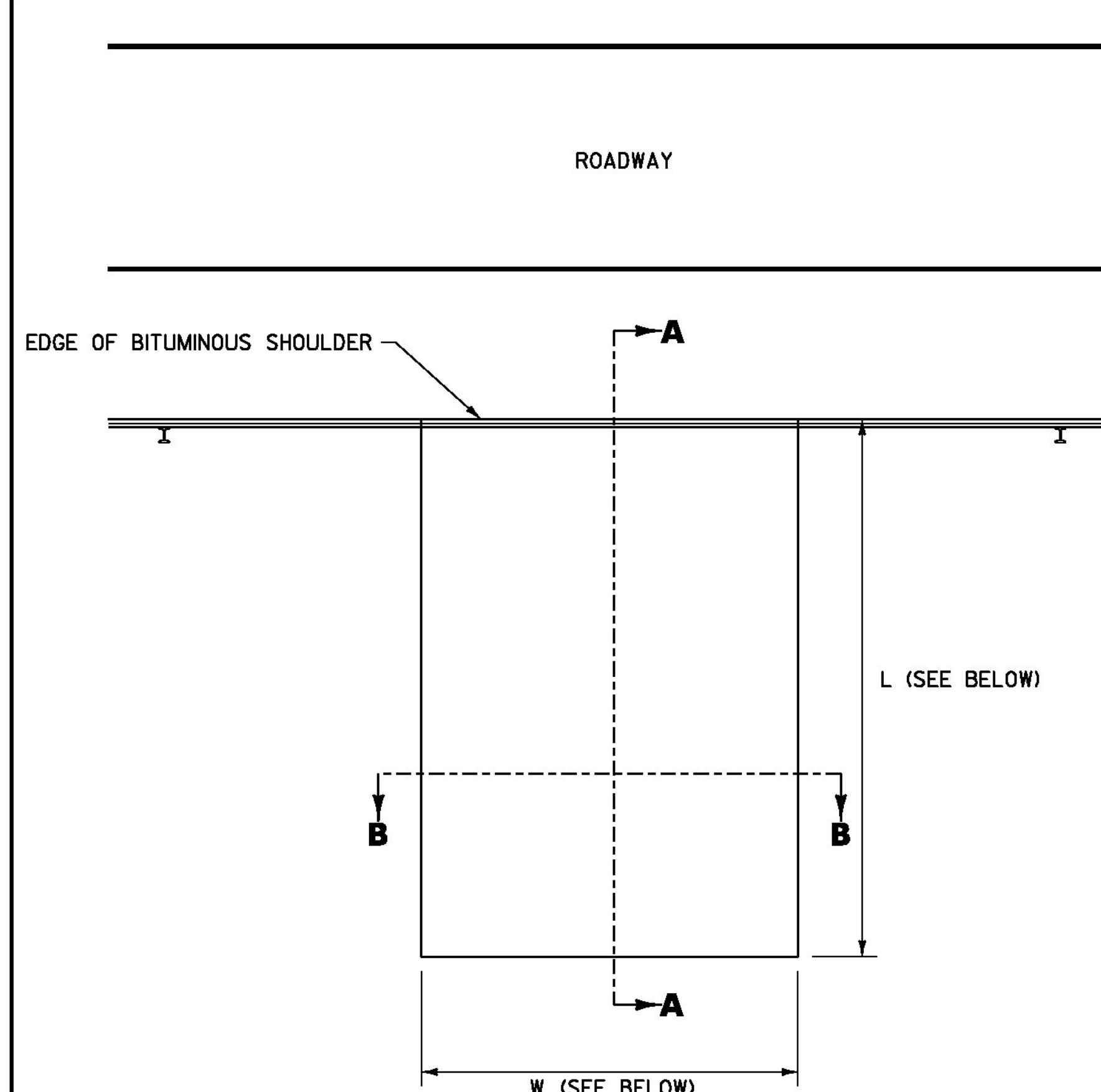
NOT TO SCALE

CULVERT & STRUCTURE INVENTORY SHEET

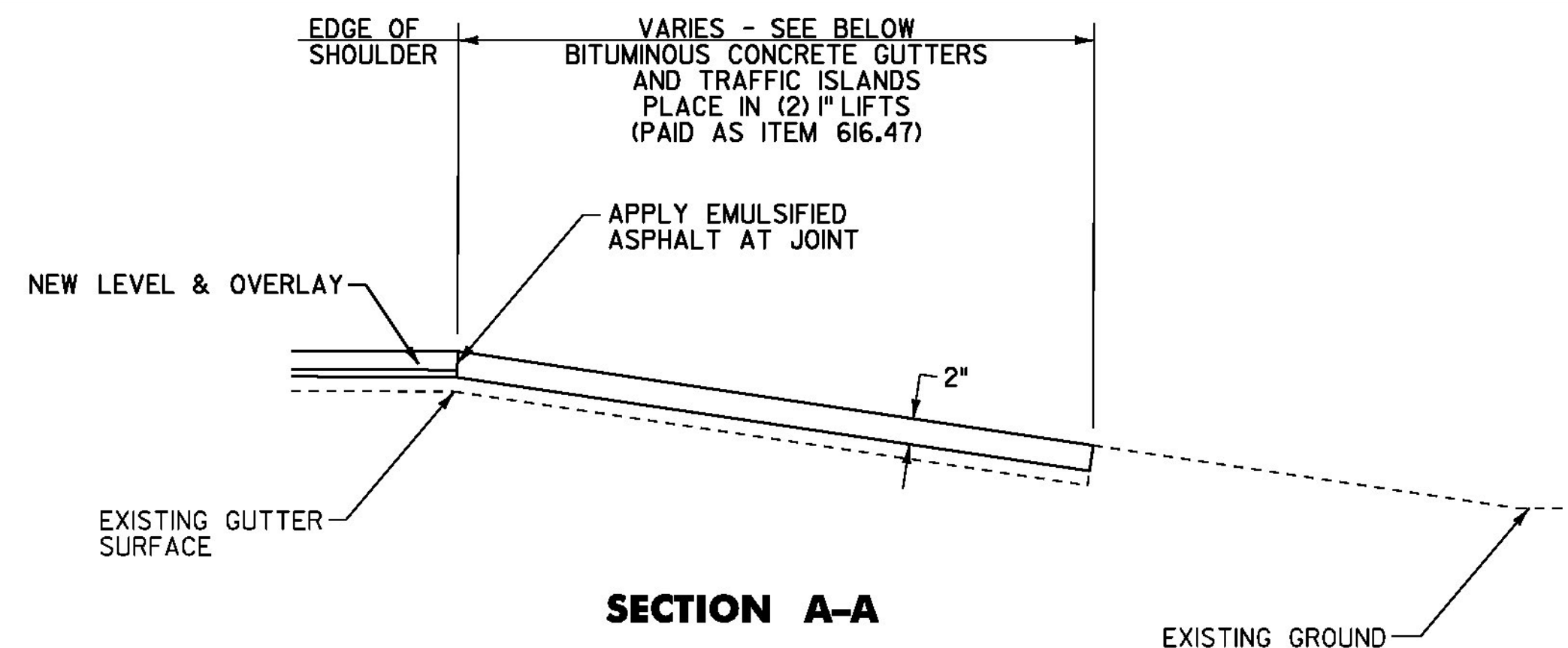


PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(1)

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

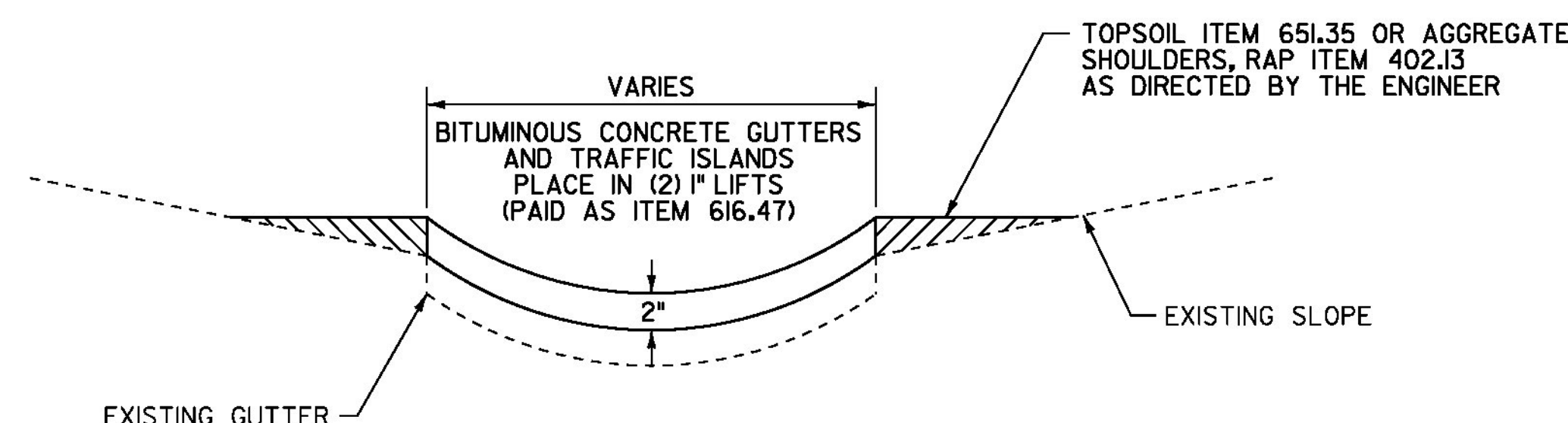


**PERPENDICULAR BITUMINOUS GUTTER DETAIL - OVERLAY
PLAN VIEW**

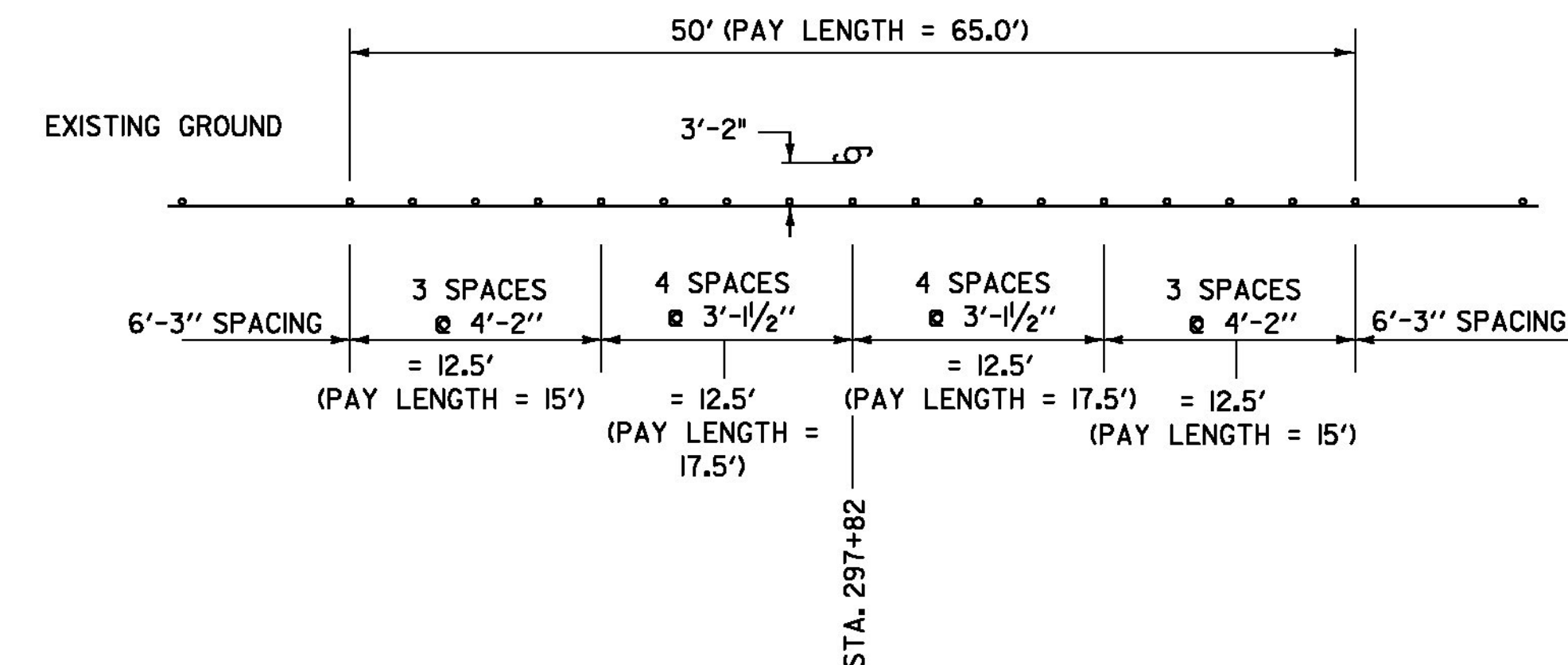


SECTION A-A
DIMENSIONS = (L x W x D)
FOR ADDITIONAL DETAILS,
SEE VAOT STANDARD D-3

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")

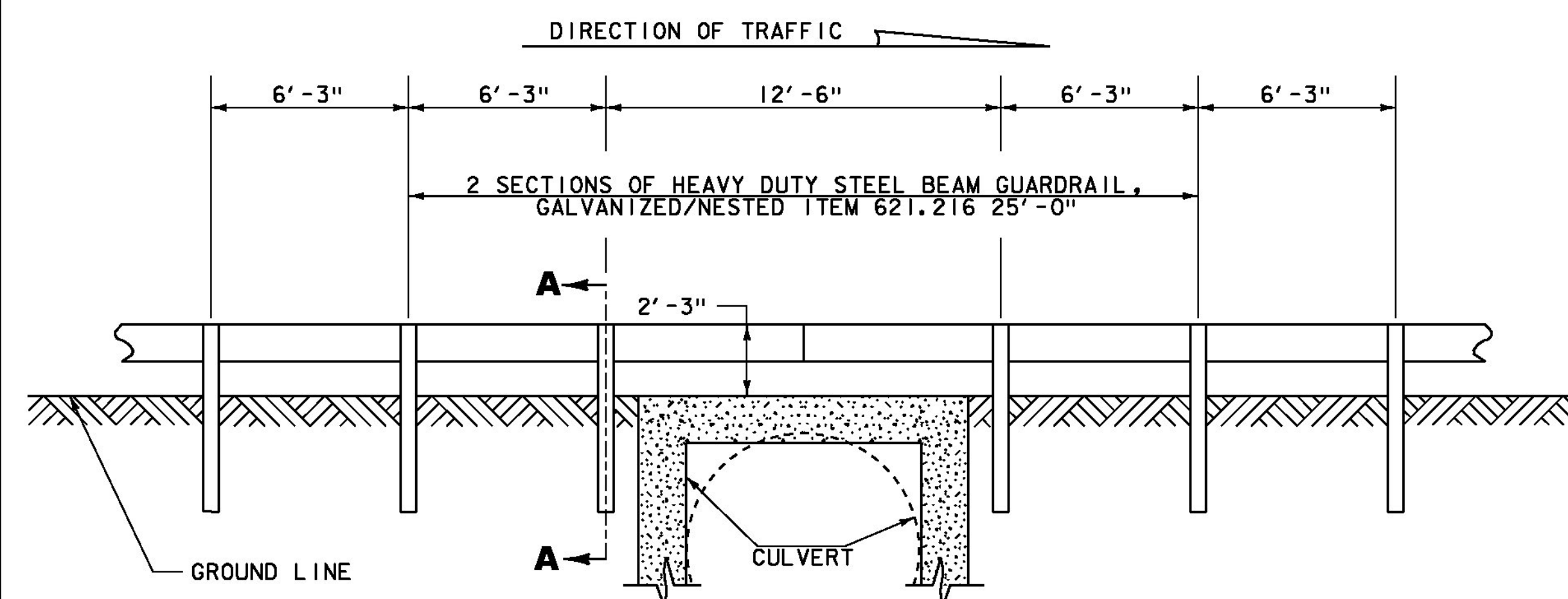


SECTION B-B



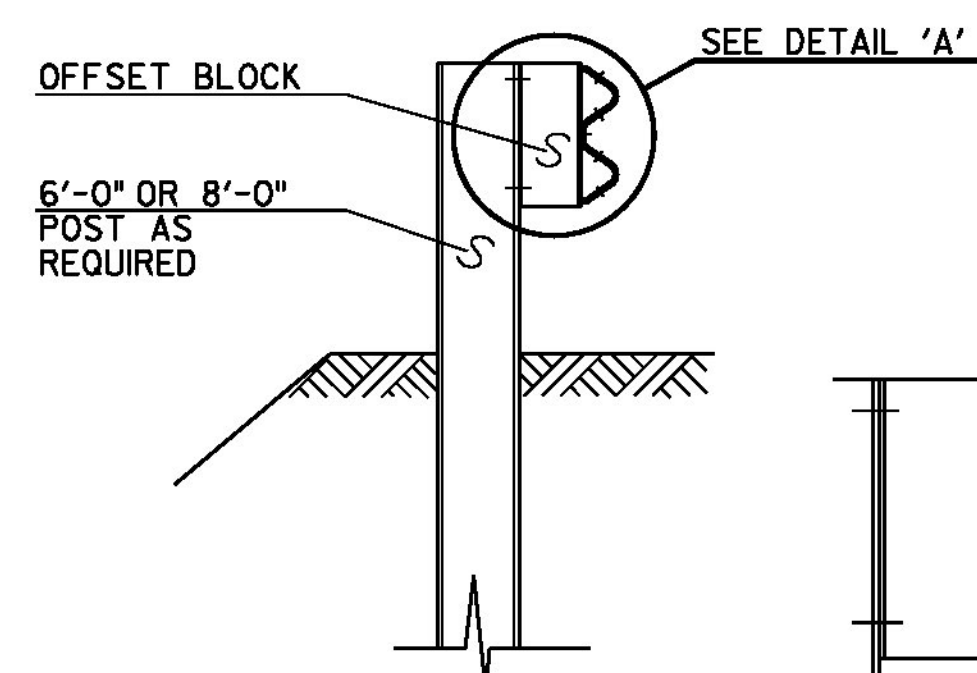
REDUCED GUARDRAIL POST SPACING DETAIL

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



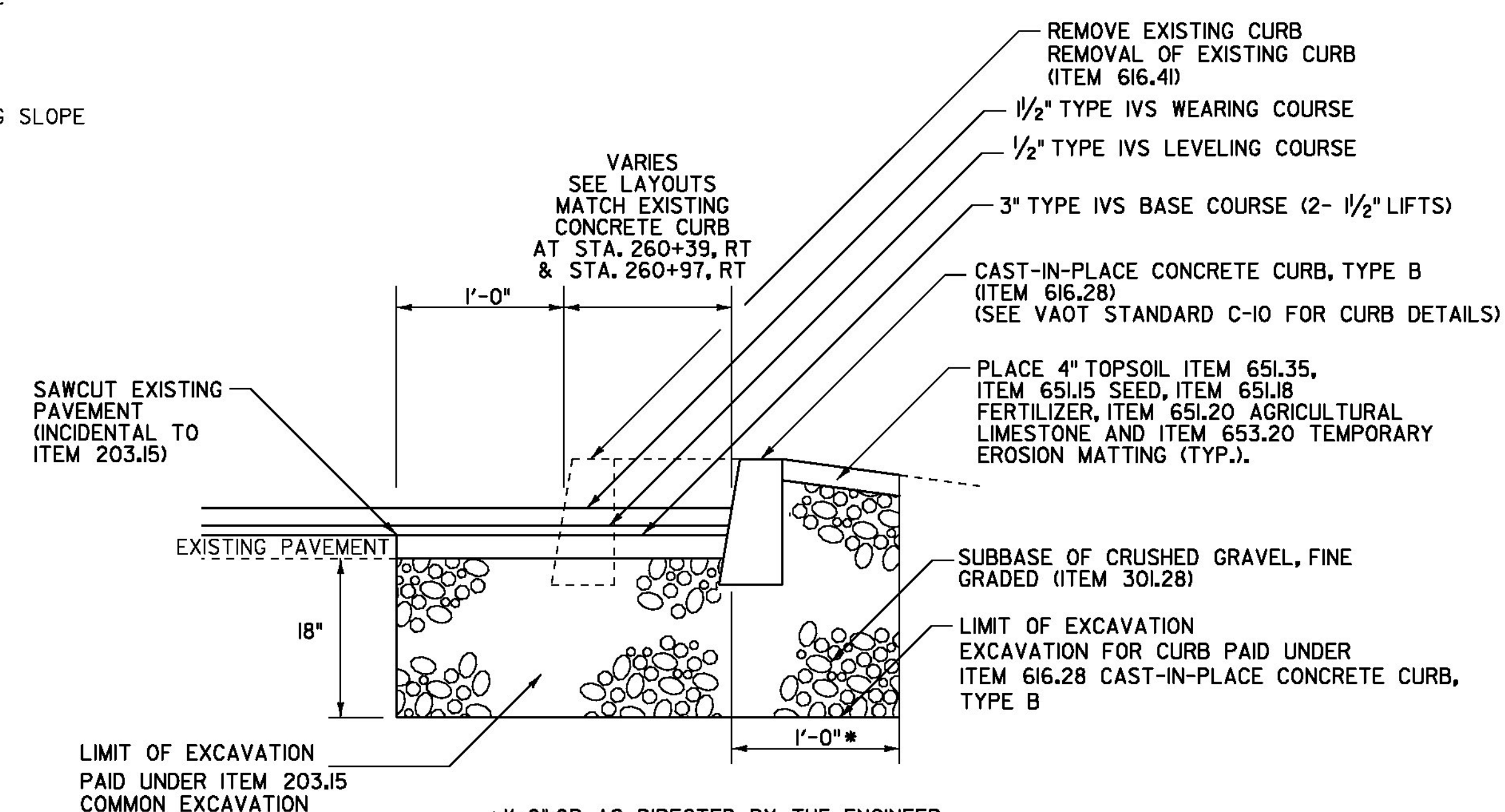
**DETAIL OF STEEL BEAM
GUARDRAIL AT SMALL CULVERTS**

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)



SECTION A-A

DETAIL A



NEW CURB AND WIDENING DETAIL

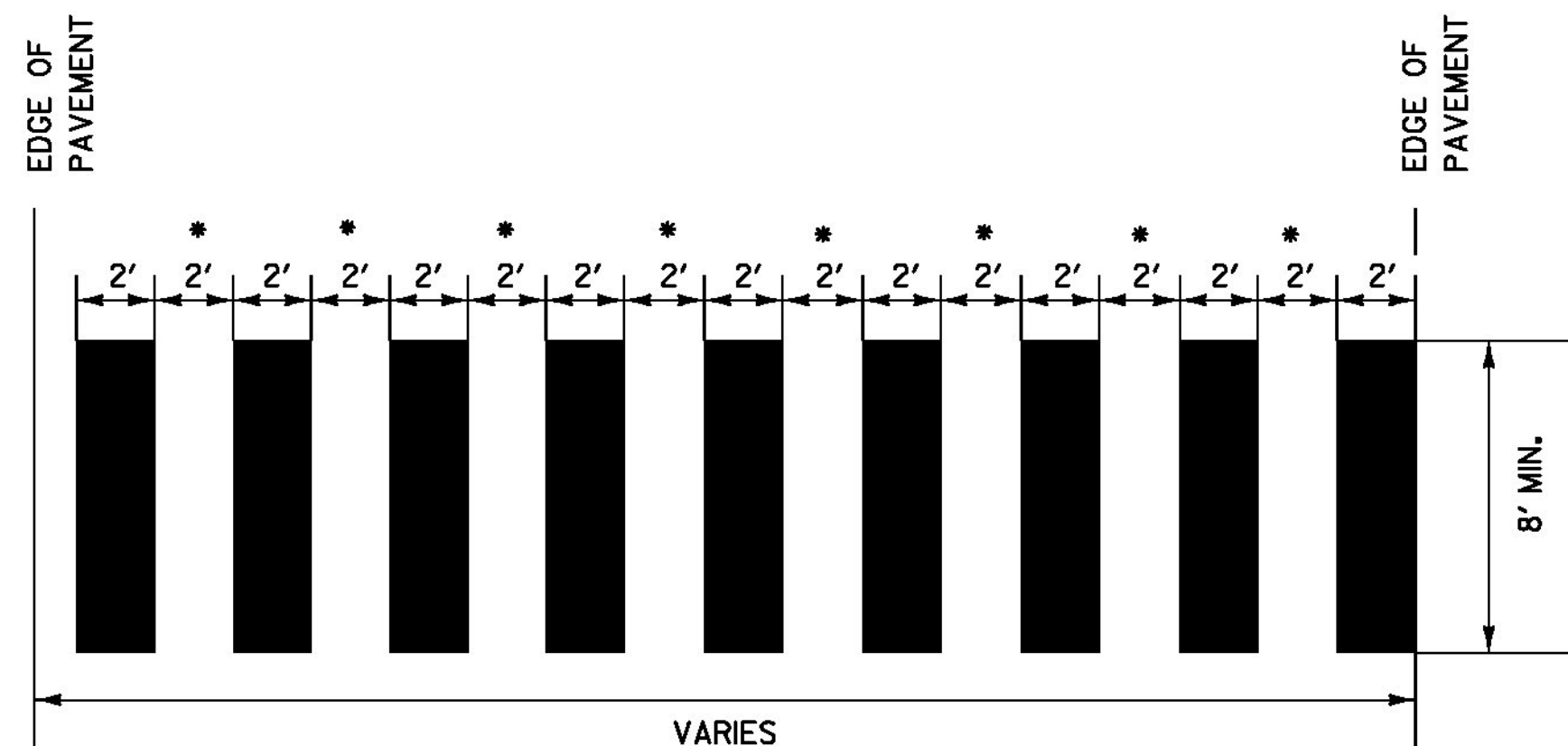
NOT TO SCALE
HINESBURG STA. 260+39 TO 260+53, RT. (COMMERCE STREET TH-43)
LENGTH = 69'
HINESBURG STA. 260+97 TO 261+27, RT. (COMMERCE STREET TH-43)
LENGTH = 36.5'

NOTES

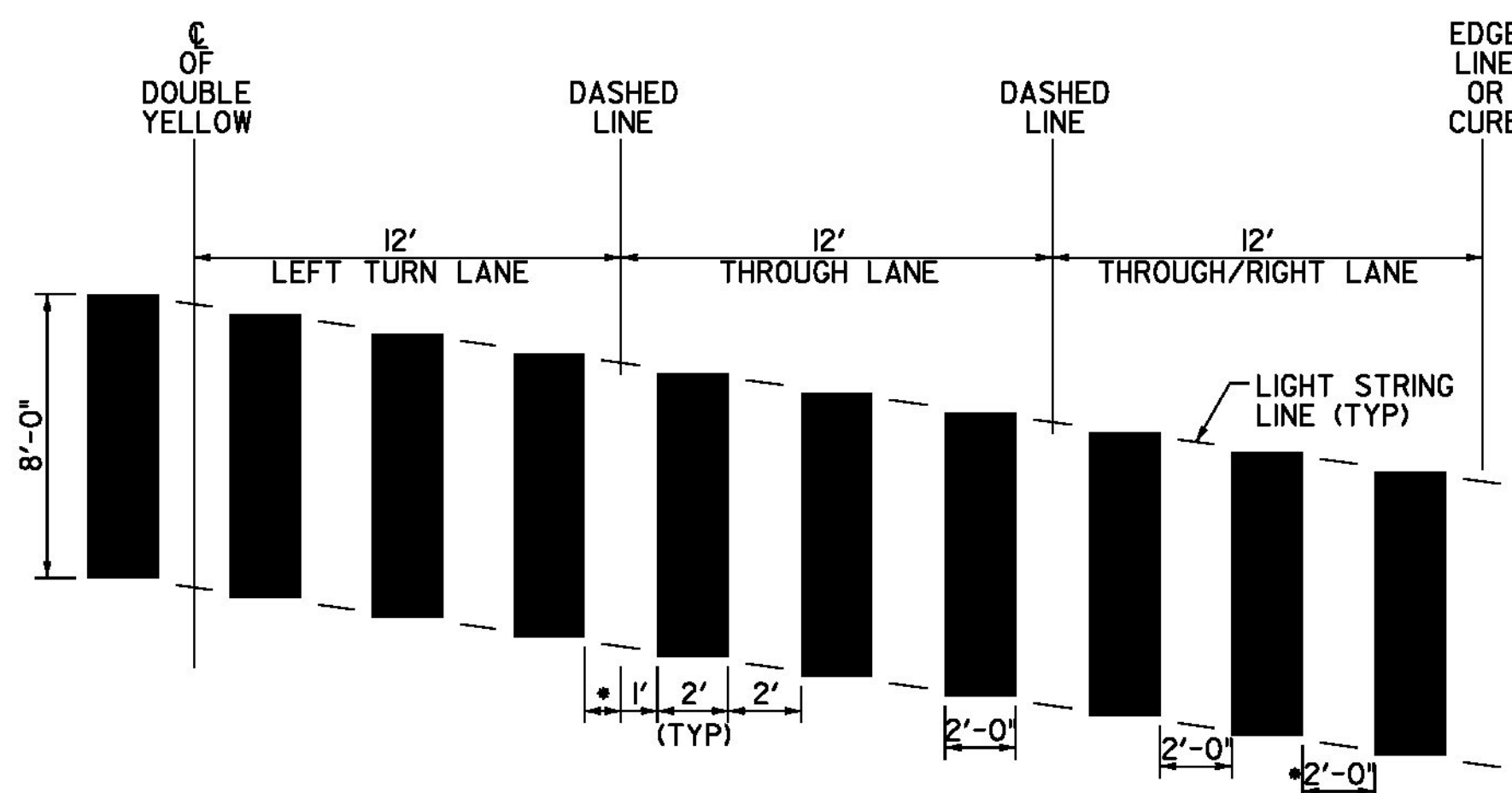
- SEE VAOT STANDARDS G-1 & G-1D FOR STEEL BEAM GUARDRAIL DETAILS.
- THIS WORK SHALL BE PAID UNDER ITEM 621.216 HEAVY DUTY STEEL BEAM GUARDRAIL, GALVANIZED/NESTED AT A PAY FACTOR OF 1.0.
- THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEETS OR AS DIRECTED BY THE ENGINEER.



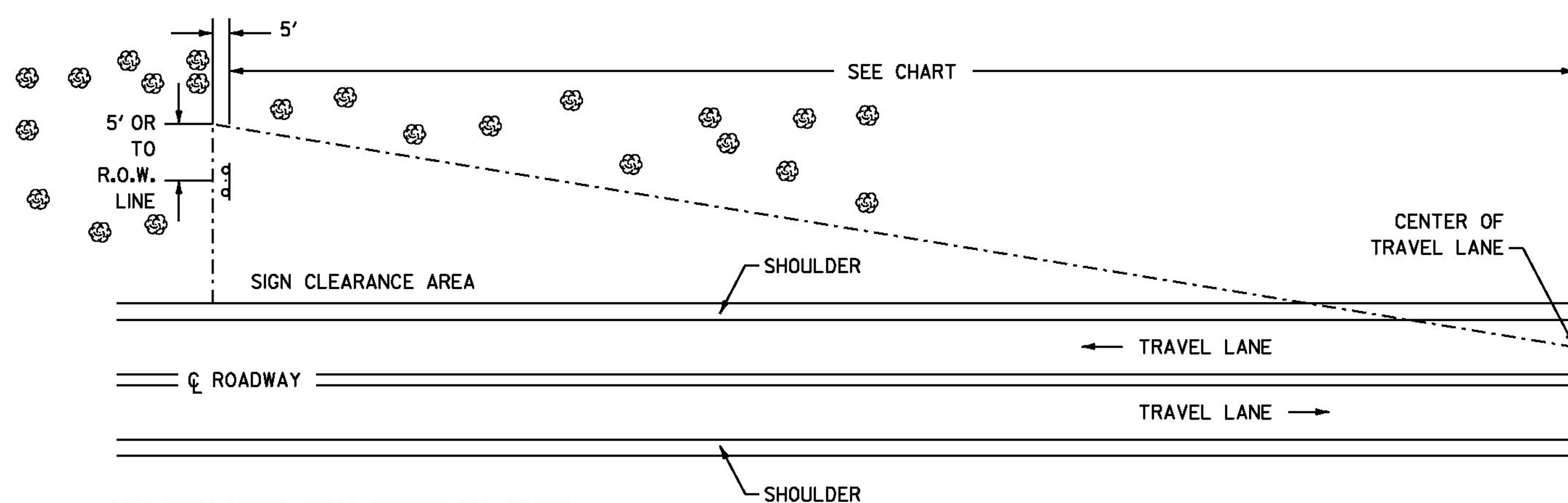
MISCELLANEOUS DETAIL SHEET #1	NOT TO SCALE	
	PROJECT NAME:	STARKSBORO-HINESBURG
	PROJECT NUMBER:	STP 2930(1)
	FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: MCF
	IPARM FILE: p10b266md01.i	SHEET 18 OF 119



• 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.

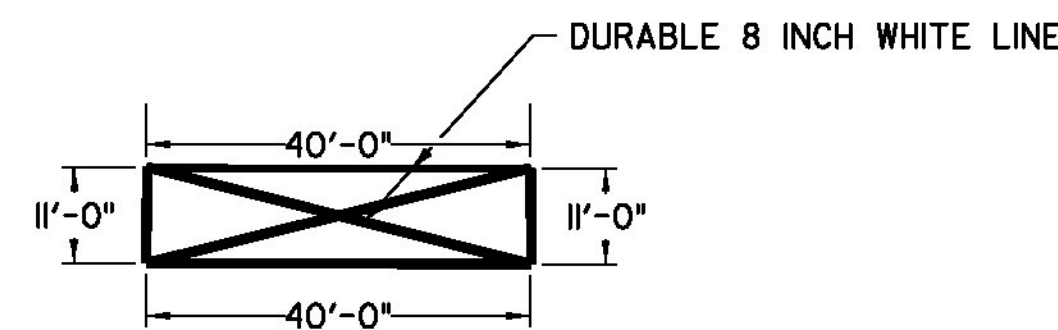


SKEWED CROSSWALK PATTERN DETAIL
 • MAY VARY WITH 11' OR 12' LANE

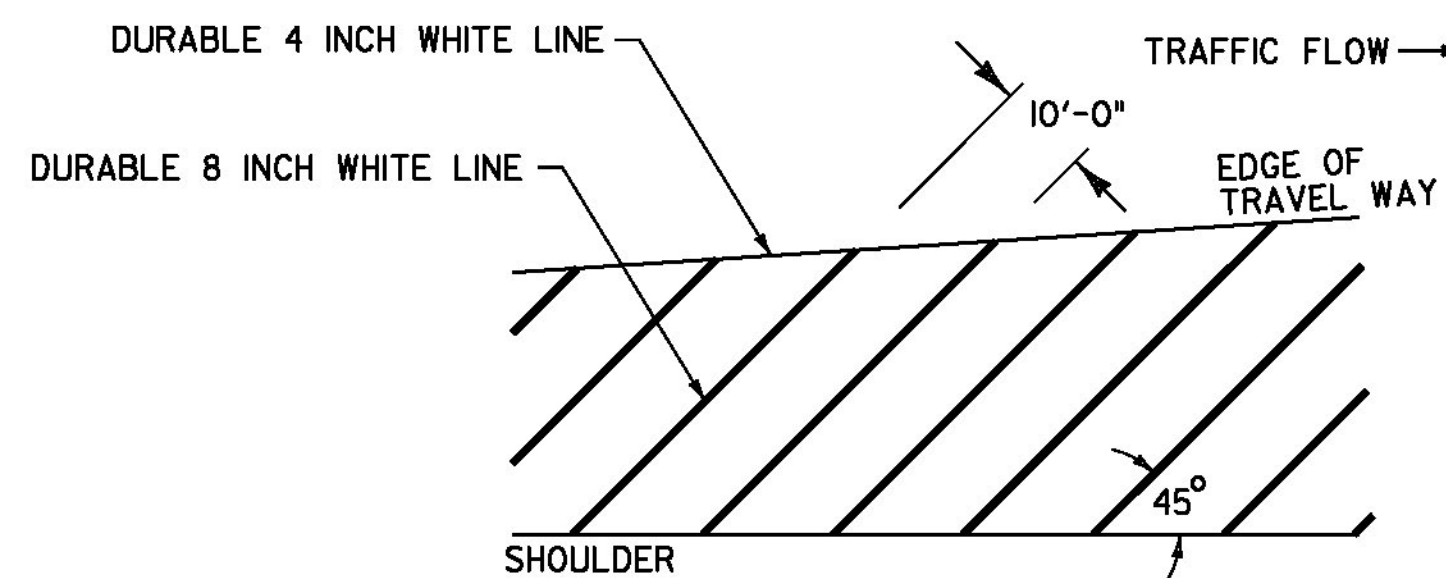


THE CONTRACTOR SHALL REMOVE ALL WOODY
 STEMMED GROWTH INCLUDING BRUSH, SAPLINGS,
 TREE LIMBS GROWING WITHIN OR PROJECTING
 INTO THE CLEARANCE AREA AND DOWN TO
 GROUND LEVEL OR AT LEAST 10 FEET BELOW
 THE BOTTOM OF THE SIGN. PAYMENT WILL BE
 FOR THINNING AND TRIMMING FOR SIGNS, ITEM
 201.31, AND PAID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

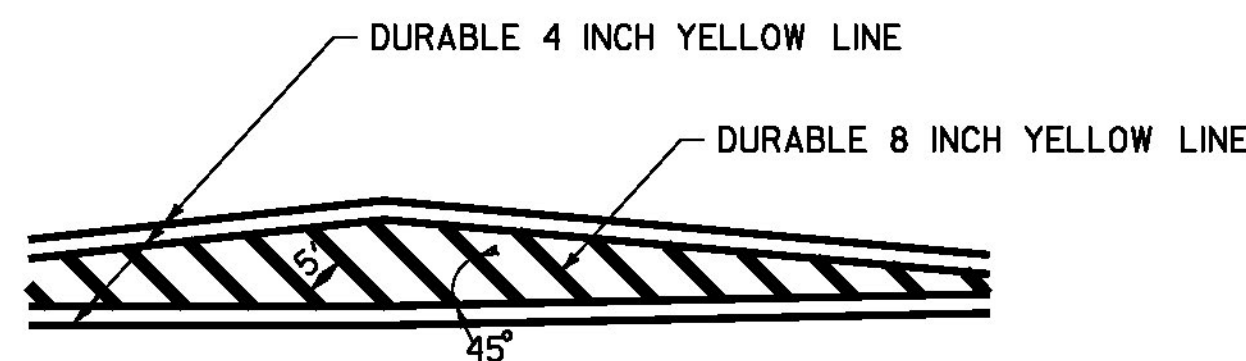
CLEARING LIMITS FOR SIGNS ON CONVENTIONAL ROADS
 SIGN LOCATIONS:
 HINESBURG STA. 118+50, RT



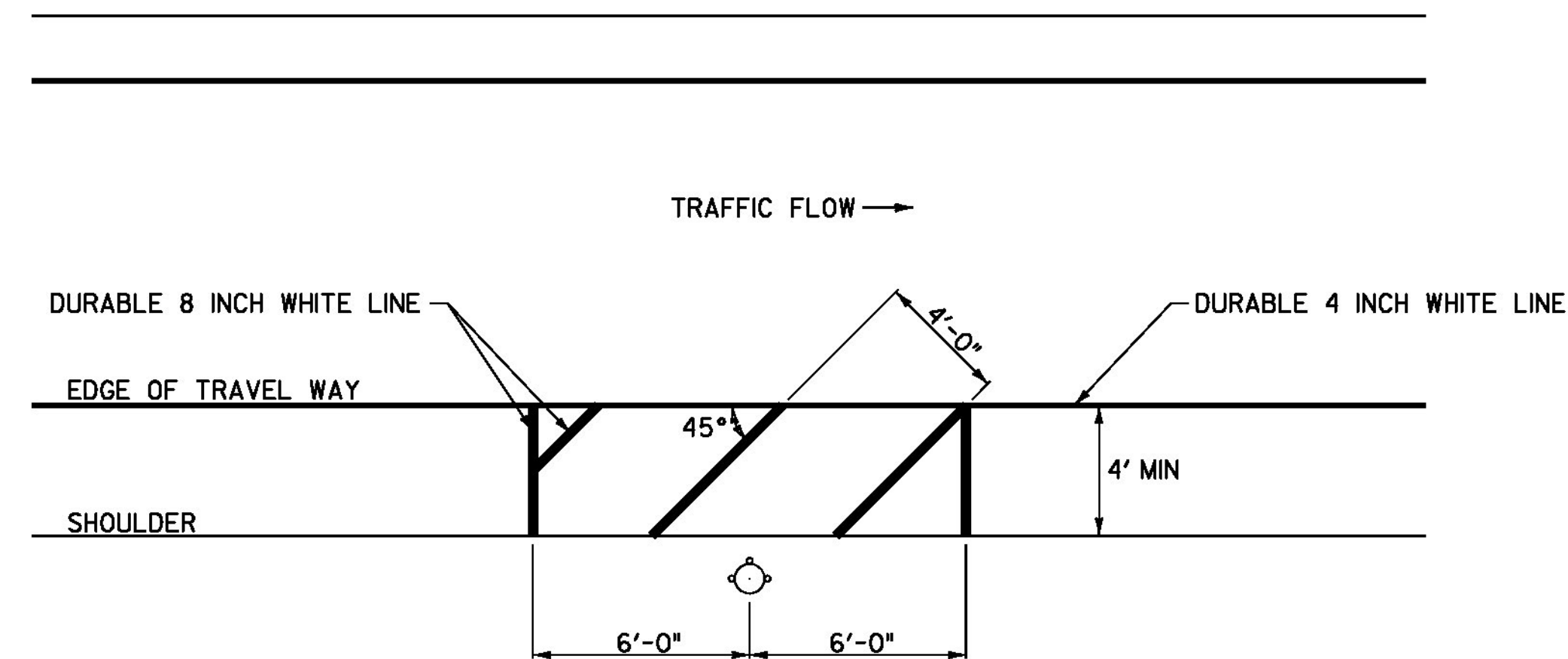
DO NOT BLOCK DRIVE DETAIL #1
 HINESBURG STA. 238+65 TO 239+05, RT



DO NOT BLOCK DRIVE DETAIL #2
 HINESBURG STA. 46+30 TO 47+96, RT.



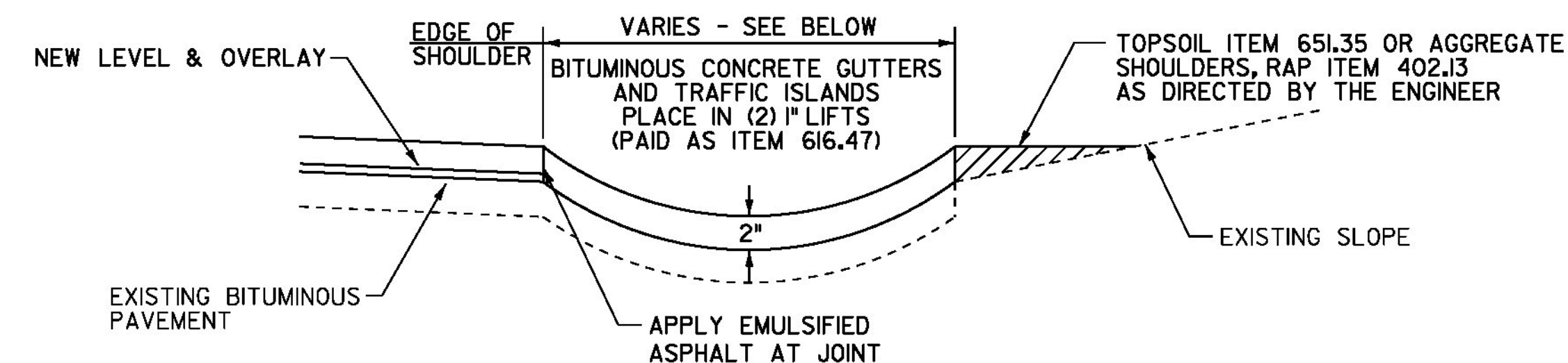
GORE MARKING DETAIL
 SEE LAYOUT SHEETS FOR LOCATIONS



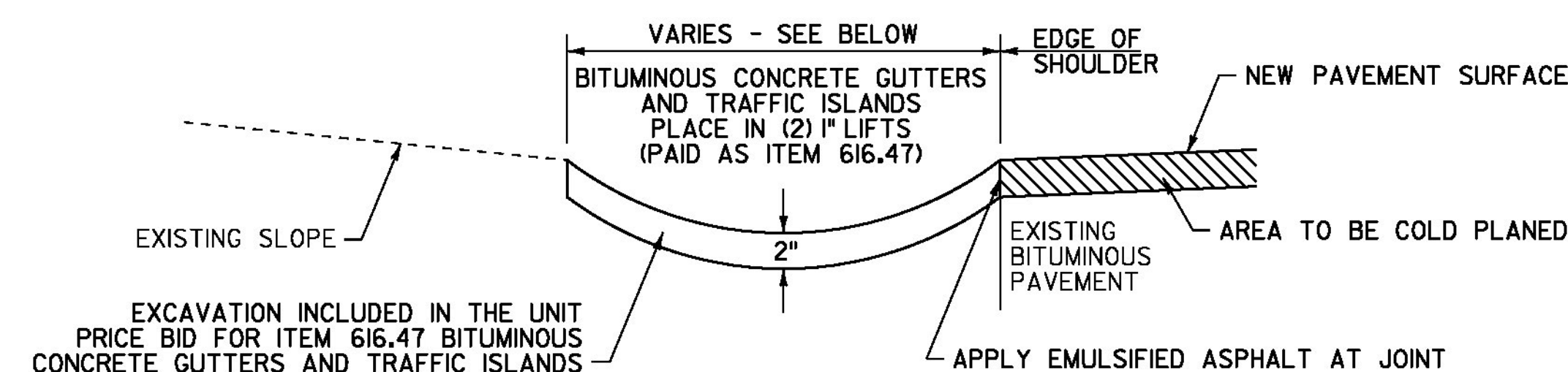
FIRE HYDRANT PAVEMENT MARKING DETAIL
 HINESBURG STA. 234+56, LT

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



BITUMINOUS CONCRETE GUTTER DETAIL - COLD PLANE
 STARKSBORO 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**

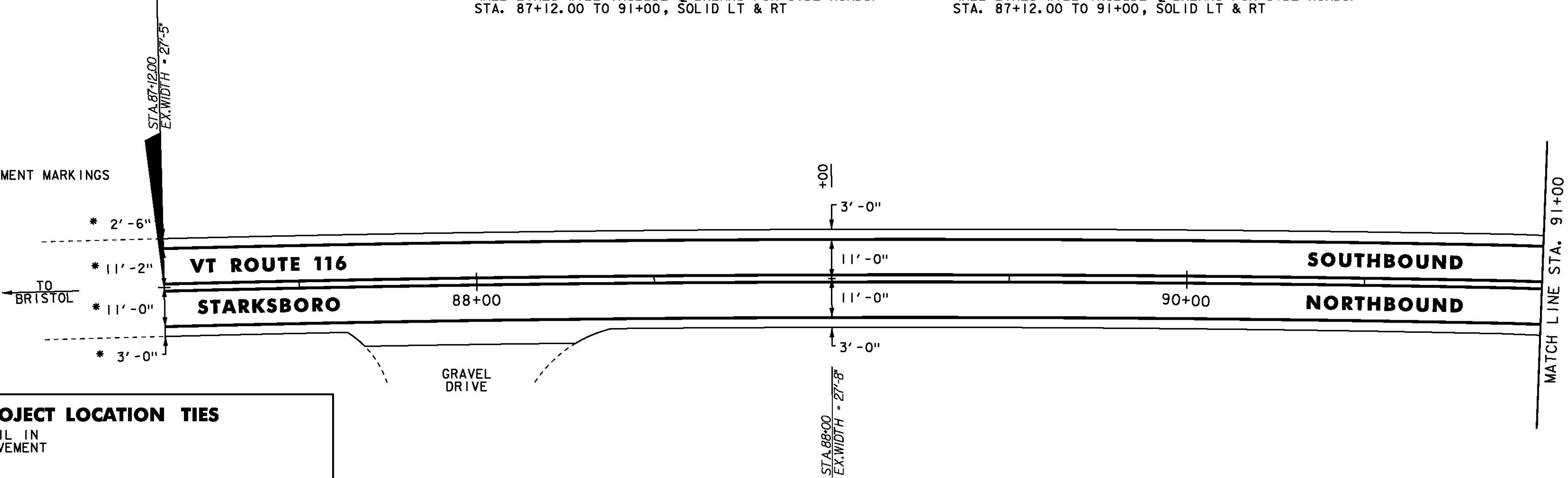
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

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

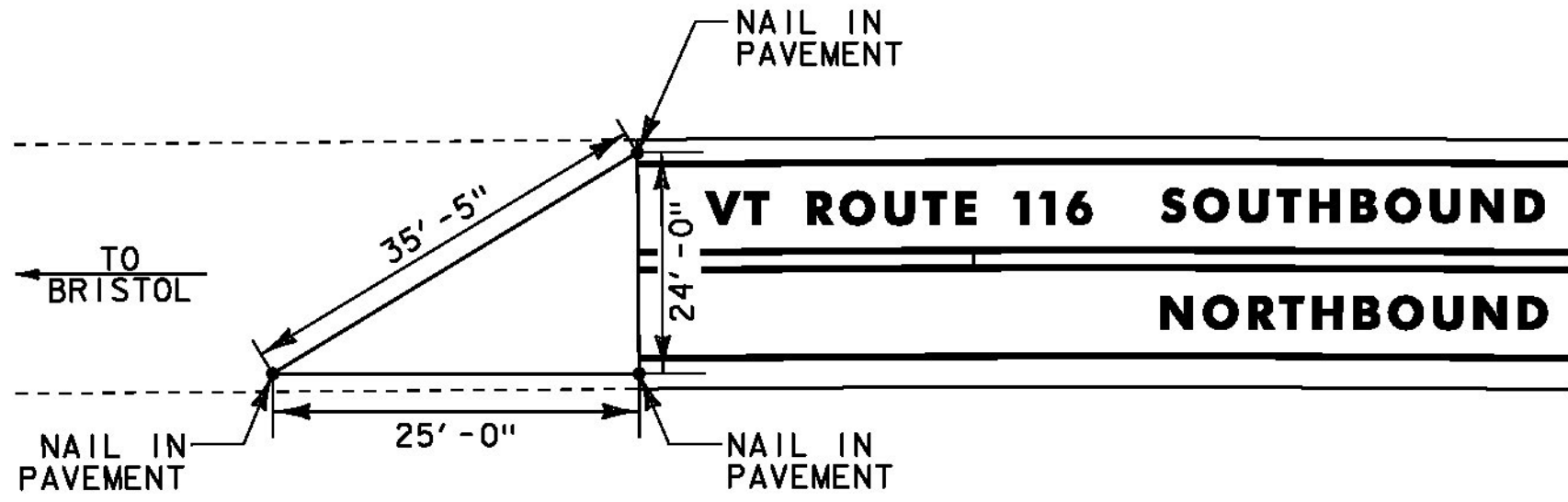
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 87+12.00 TO 91+00, SOLID LT & RT

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



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

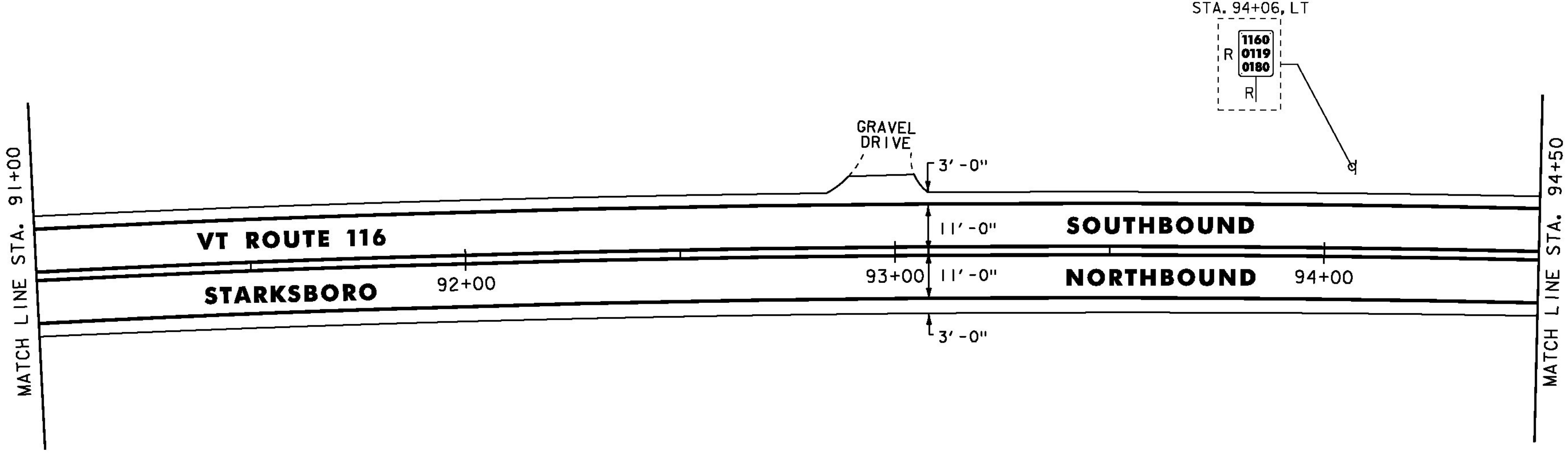
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 91+00 TO 94+50, SOLID LT & RT

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



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	
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: p10b266i01.i	SHEET 21 OF 119

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

RADII 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

RADII FOR SIDE ROADS)

STA. 94+50 TO 98+50, SOLID LT & RT

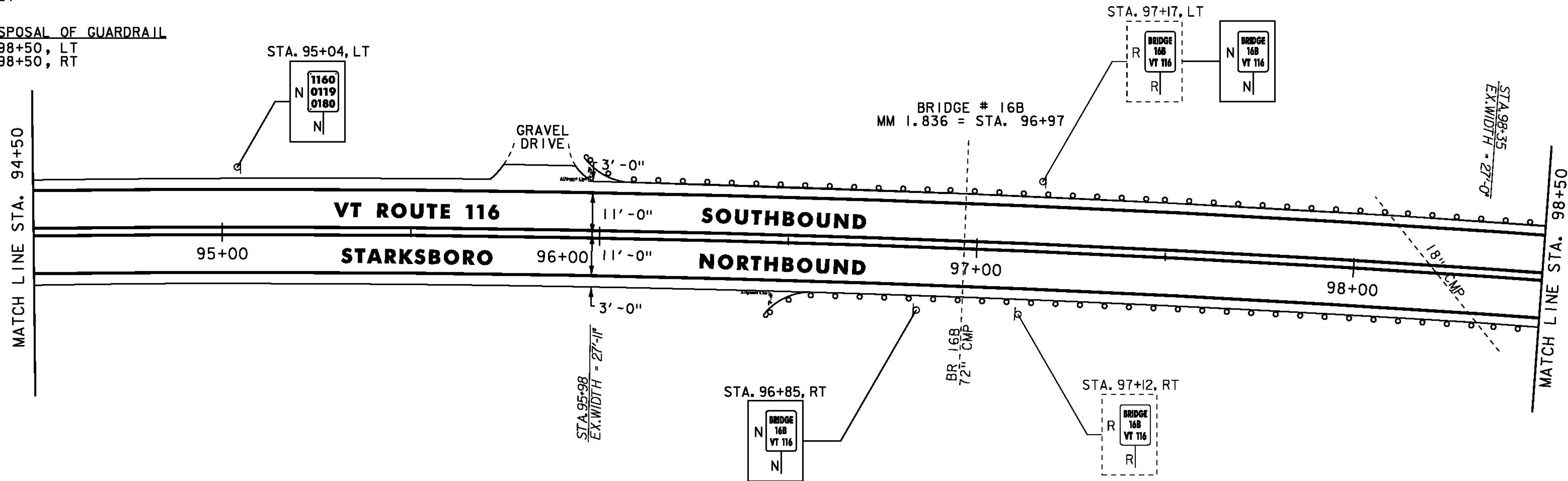
TEMPORARY 4 INCH YELLOW LINE, PAINT

(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

RADII 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

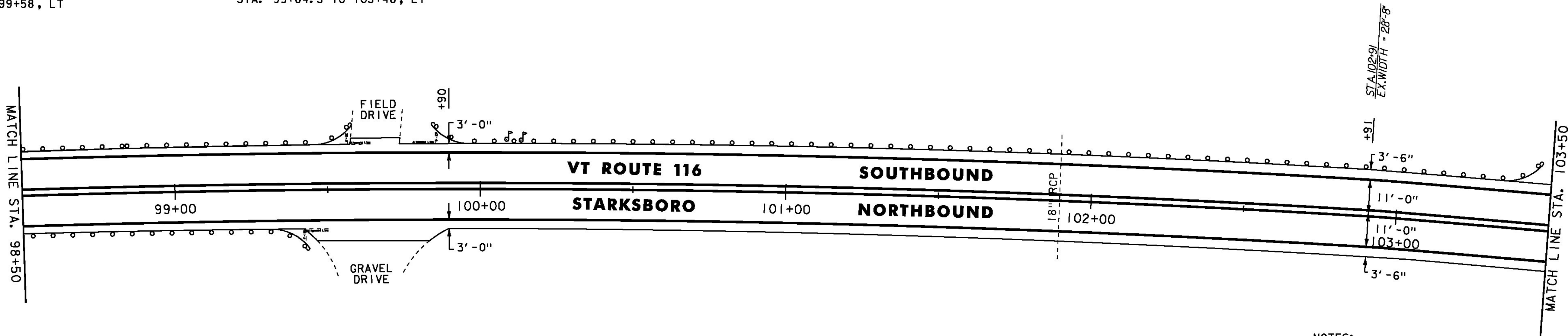
RADII FOR SIDE ROADS)

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: p10b266i02.i

PLOT DATE: 28-NOV-2012

DRAWN BY: STANTEC

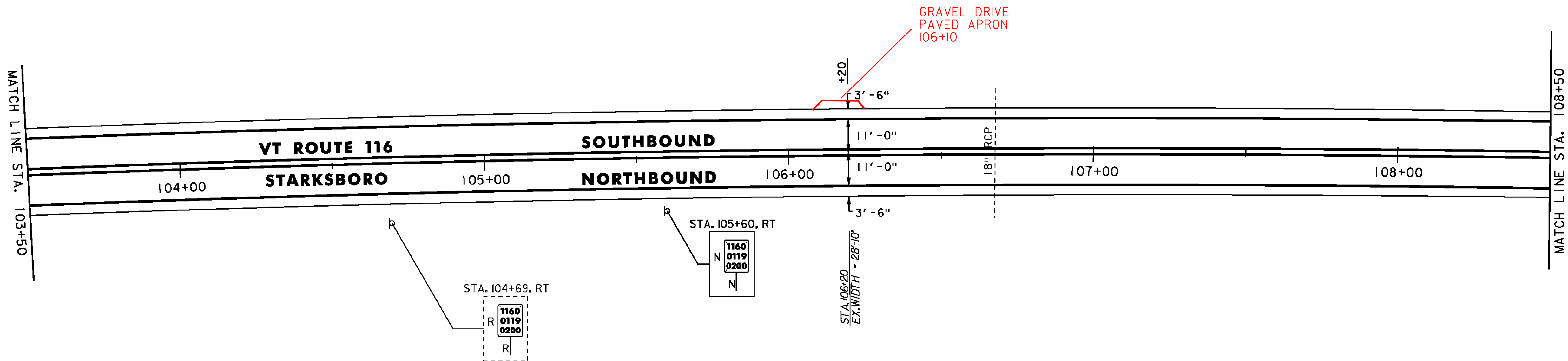
CHECKED BY: MCF

SHEET 22 OF 119

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

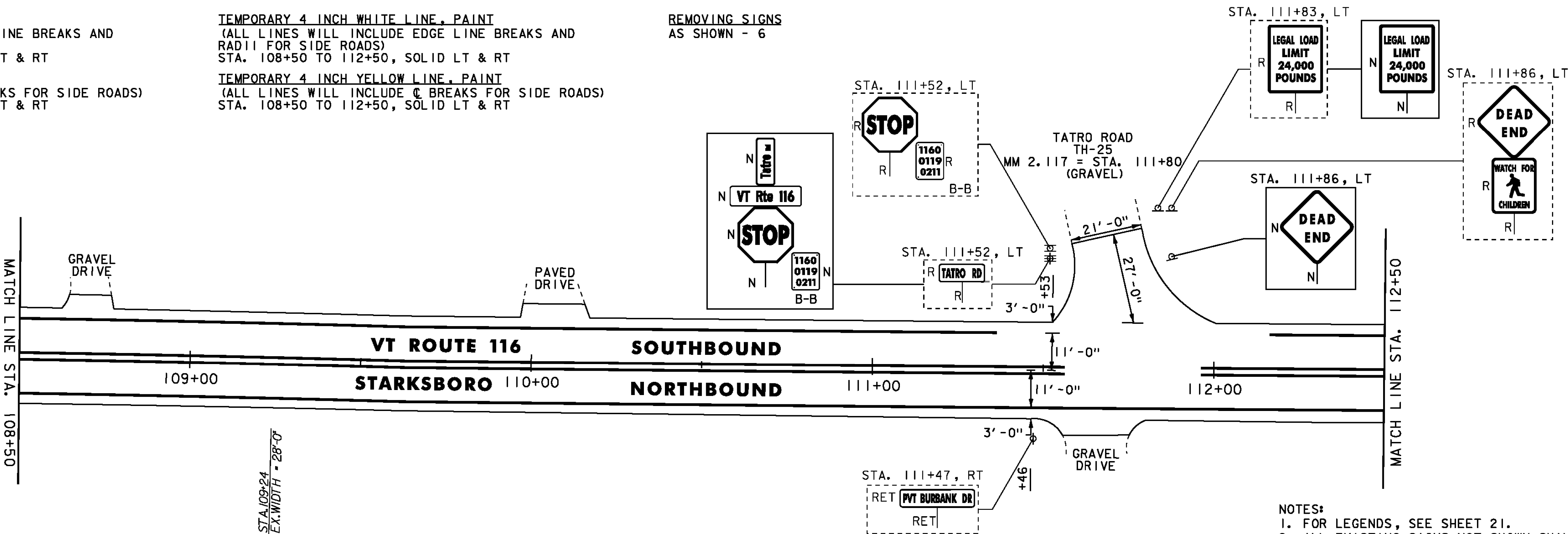
REMOVING SIGNS
AS SHOWN - 1



DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI 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
RADI 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: p10b266103.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

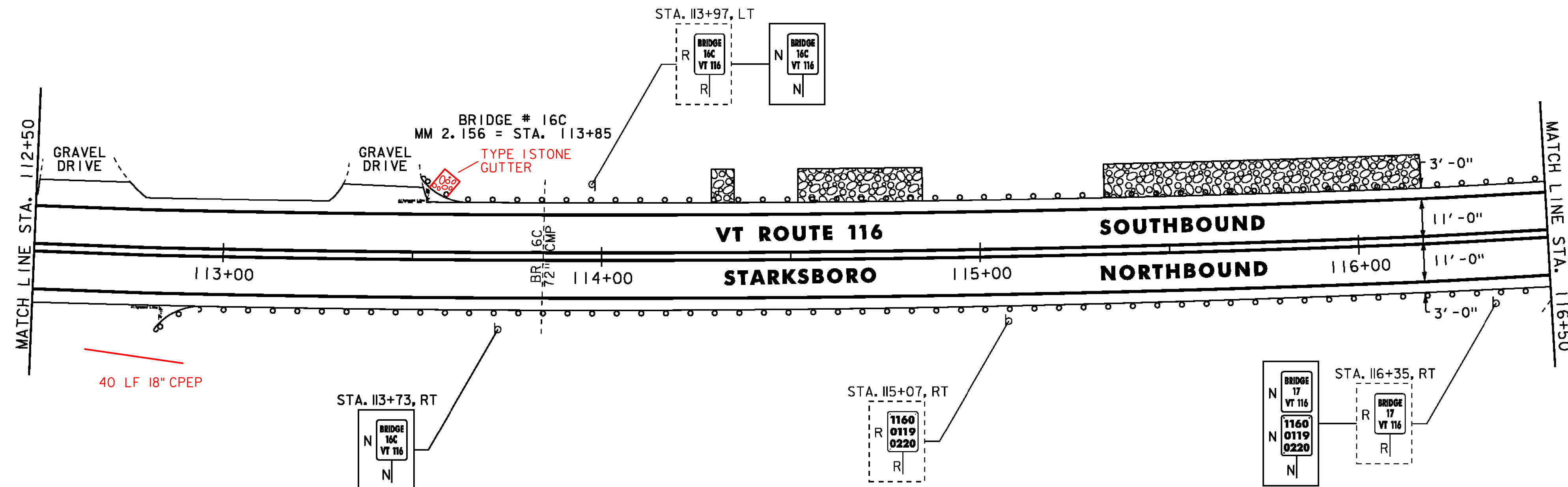
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI1 FOR SIDE ROADS)
STA. 112+50 TO 116+50, SOLID LT & RT
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 112+50 TO 116+50, SOLID LT & RT

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

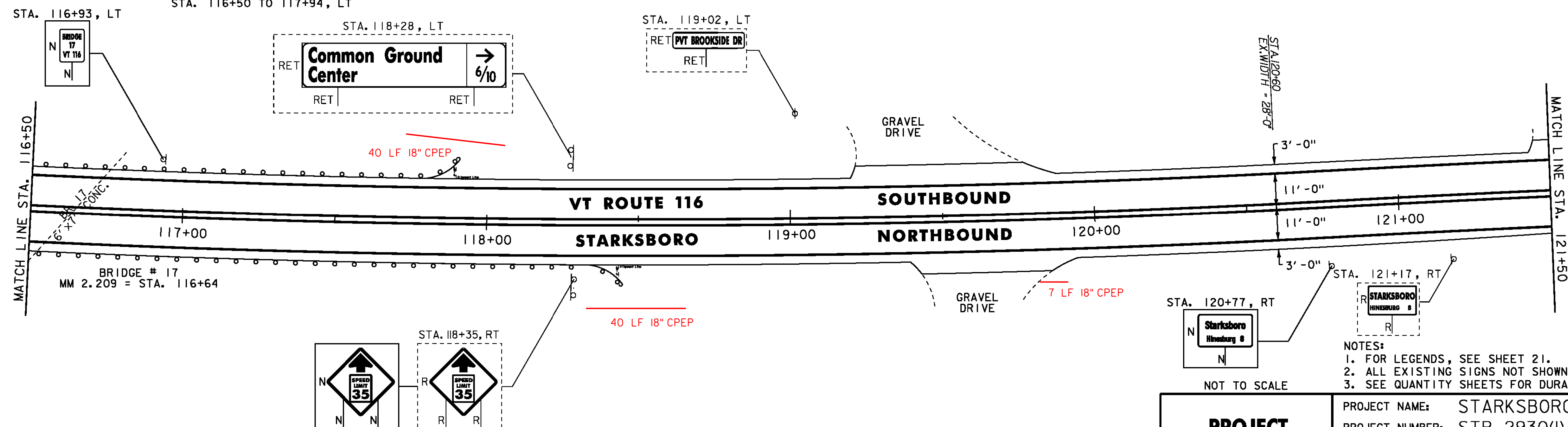


STEEL BEAM GUARDRAIL, GALVANIZED
STA. 116+50 TO 118+44.5, RT
STA. 116+50 TO 117+91.5, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 117+91.5, LT
STA. 118+44.5, RT
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 116+50 TO 118+45, RT
STA. 116+50 TO 117+94, LT

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
RADIi FOR SIDE ROADS)
STA. 121+50 TO 126+50, SOLID LT & RT

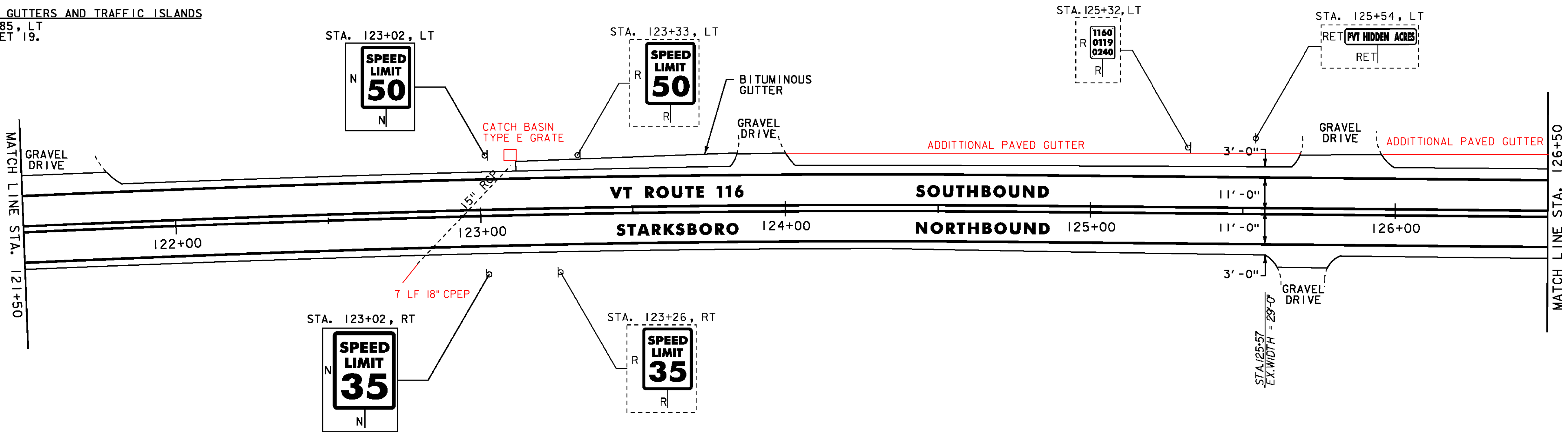
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 121+50 TO 126+50, SOLID LT & RT

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
RADIi 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

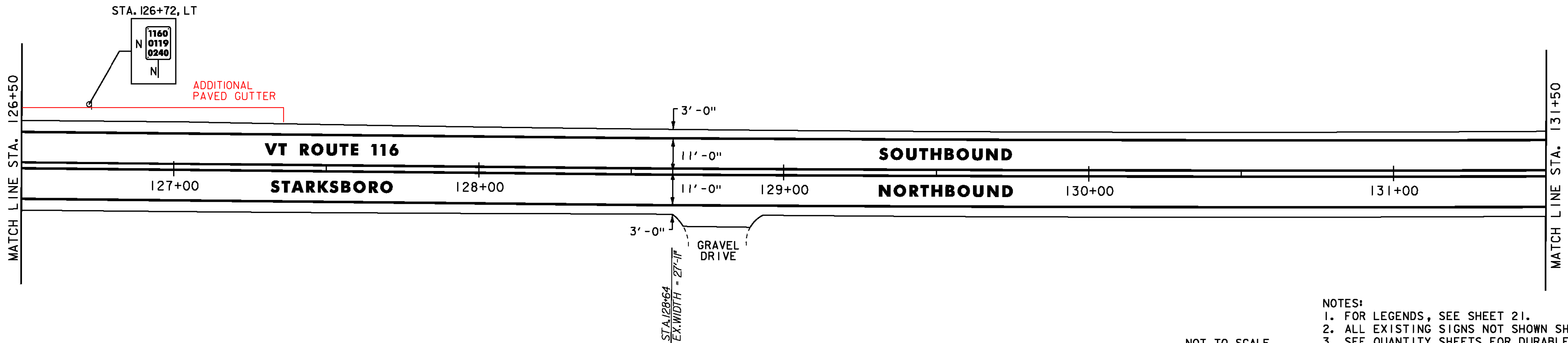


DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 126+50 TO 131+50, SOLID LT & RT

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
RADIi 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. 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 RADII 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 RADII 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

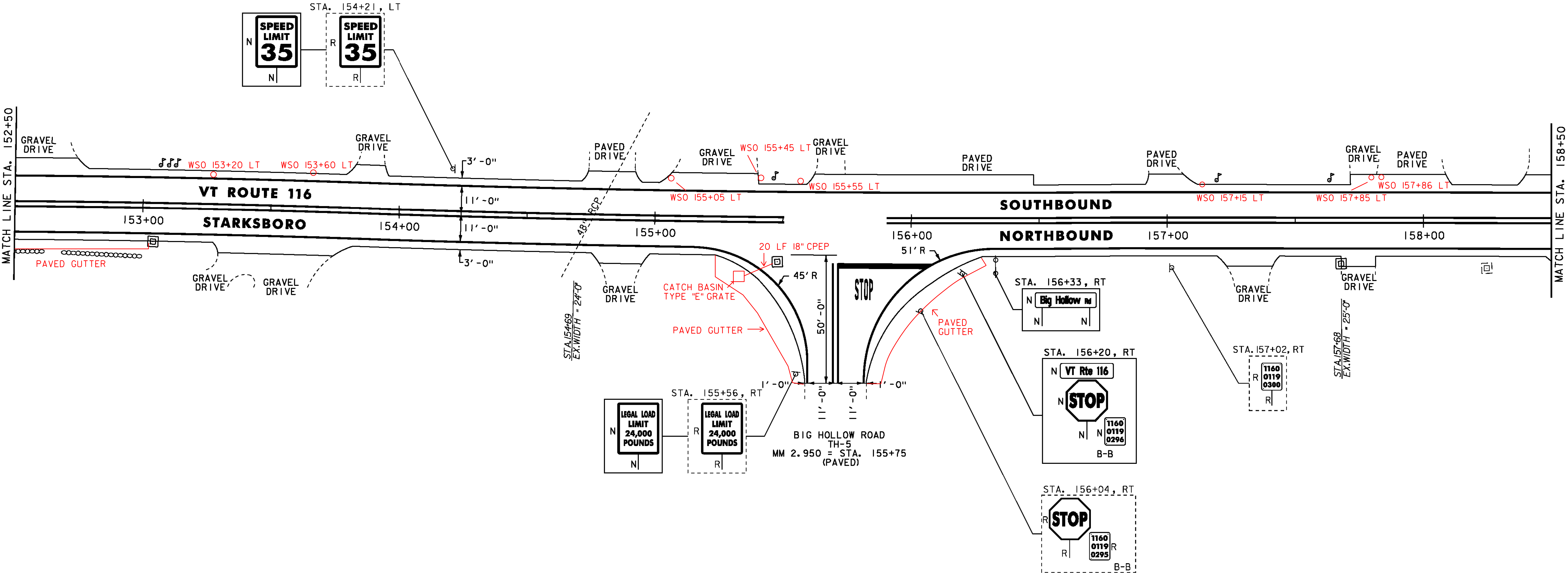
STA. 155+75, RT (BIG HOLLOW ROAD TH-5)

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

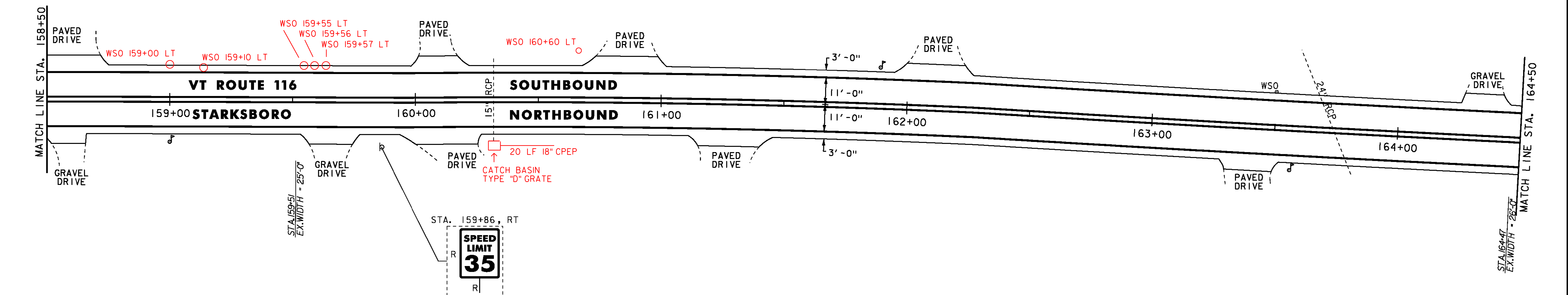
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 158+50 TO 164+50, SOLID LT & RT

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
RADIi 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

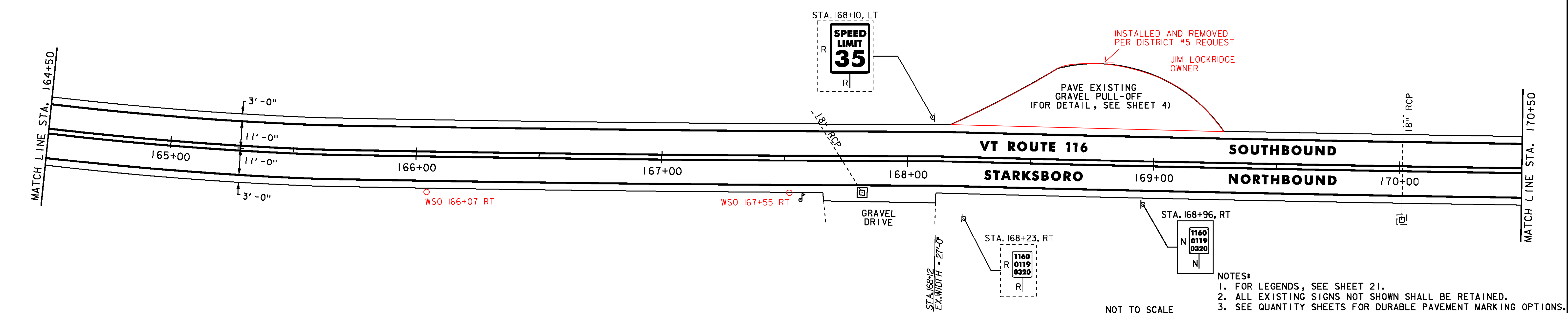
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 164+50 TO 170+50, SOLID LT & RT

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
RADIi 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



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

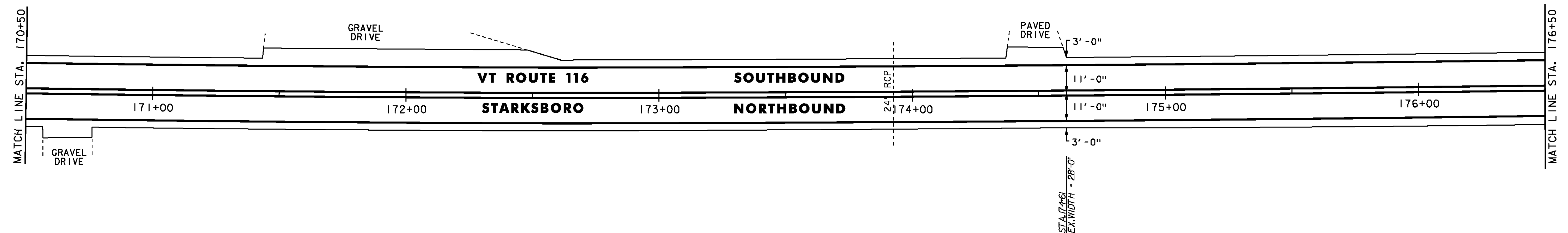
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 29 OF 119

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

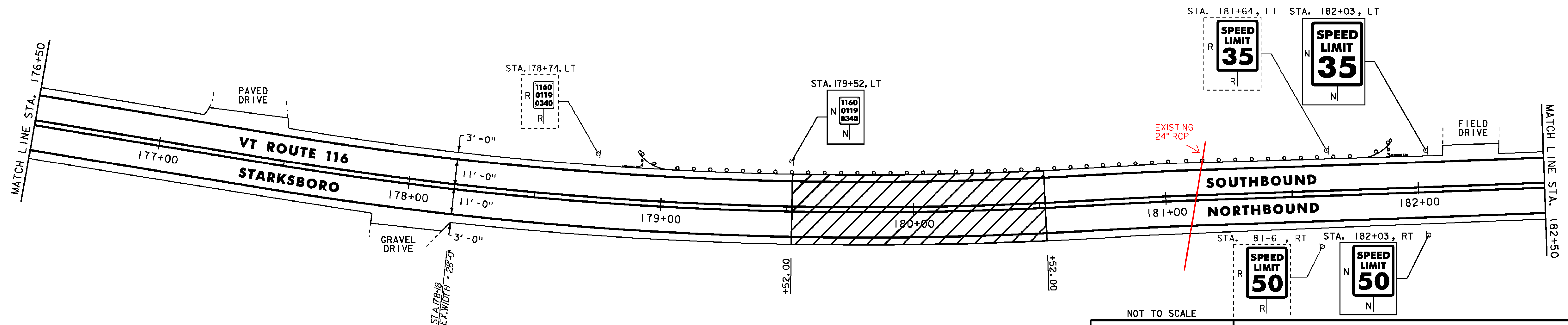
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 176+50 TO 182+50, SOLID LT & RT

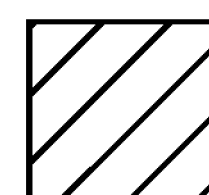
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 176+50 TO 182+50, SOLID LT & RT

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 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

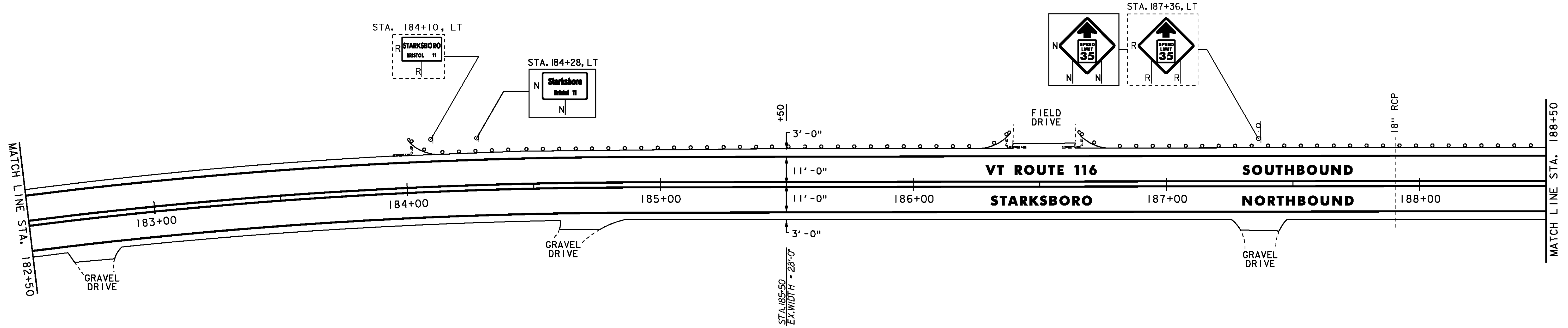
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 30 OF 119

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
RADI 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
RADI 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

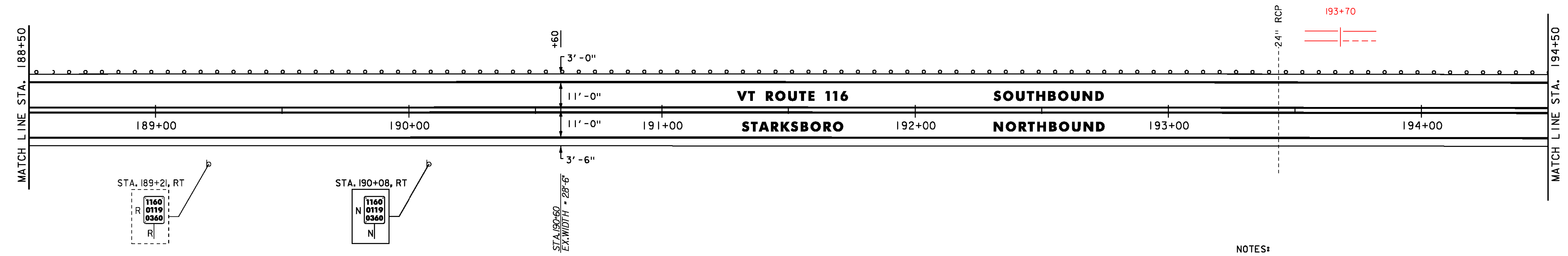


STEEL BEAM GUARDRAIL, GALVANIZED
STA. 188+50 TO 194+50, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 188+50 TO 194+50, LT

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



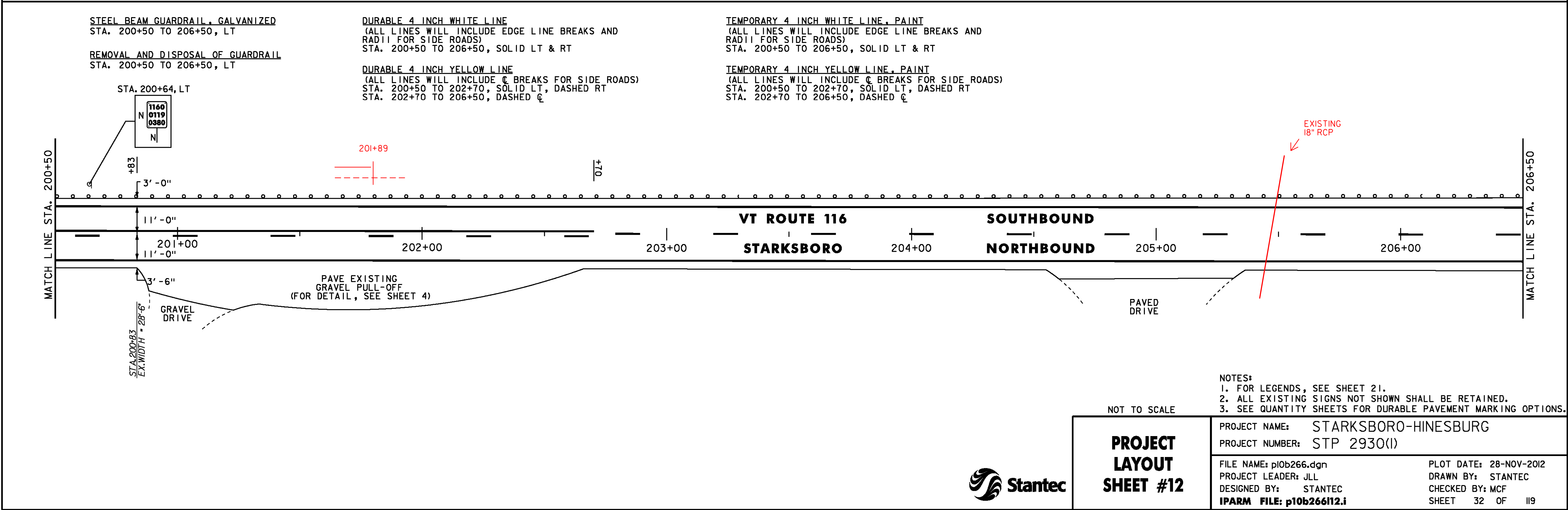
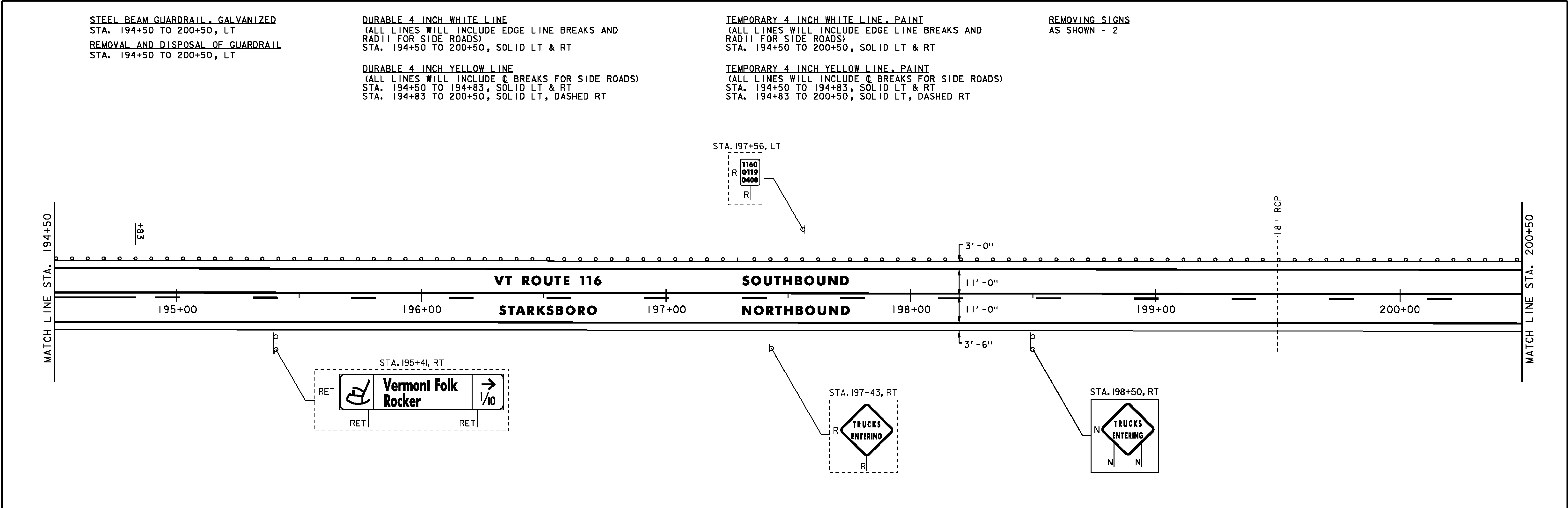
NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAVEMENT MARKING OPTIONS.

NOT TO SCALE

PROJECT
LAYOUT
SHEET #11



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: p10b266i11.i	SHEET 31 OF 119



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

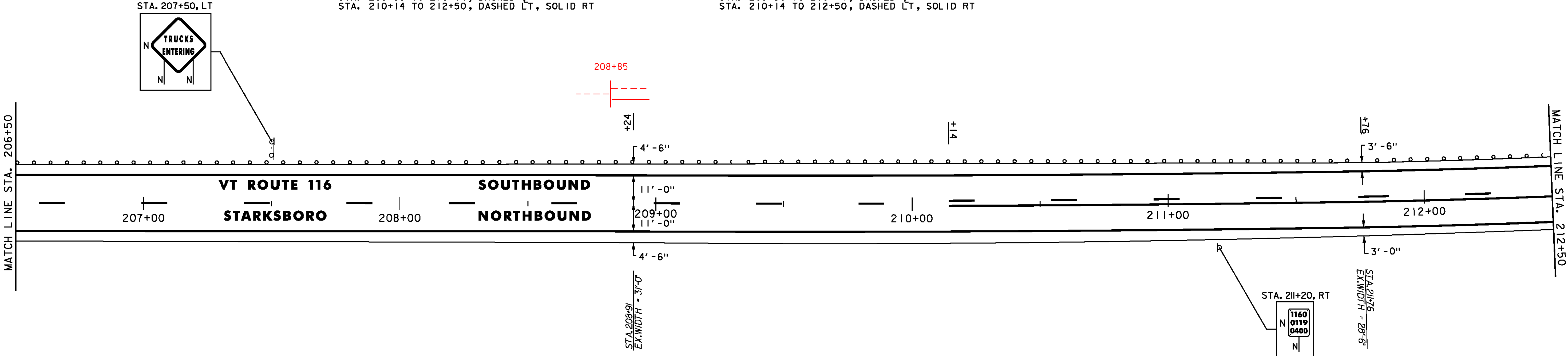
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 206+50 TO 212+50, LT

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

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 WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI 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 210+14, DASHED C
STA. 210+14 TO 212+50, DASHED LT, SOLID RT



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

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

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

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)

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)

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

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

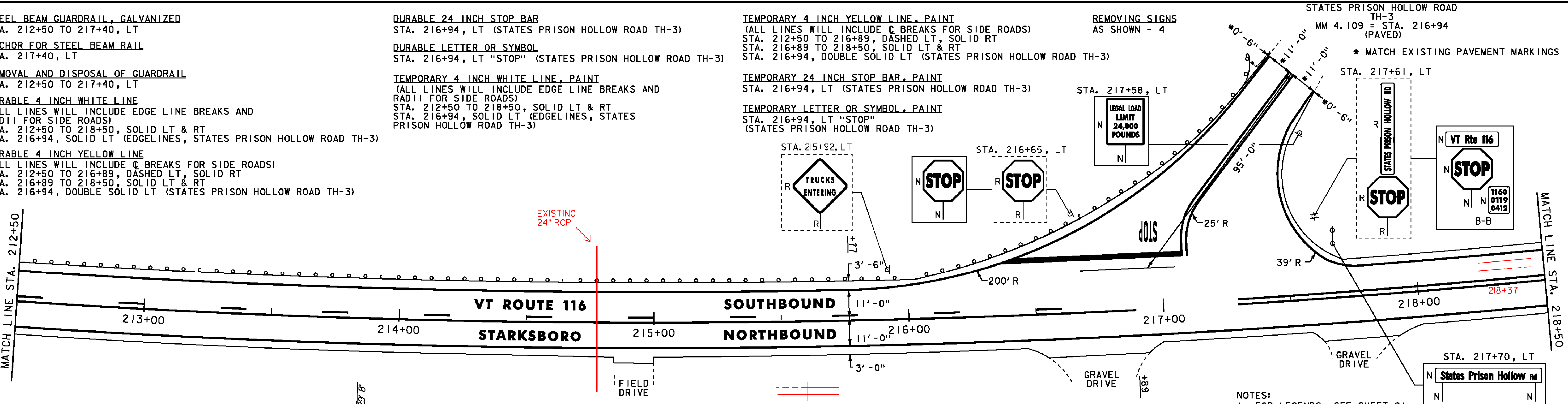
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 212+50 TO 218+50, SOLID LT & RT
STA. 216+94, SOLID LT (EDGELINES, STATES
PRISON HOLLOW ROAD TH-3)

TEMPORARY 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)

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

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

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 #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

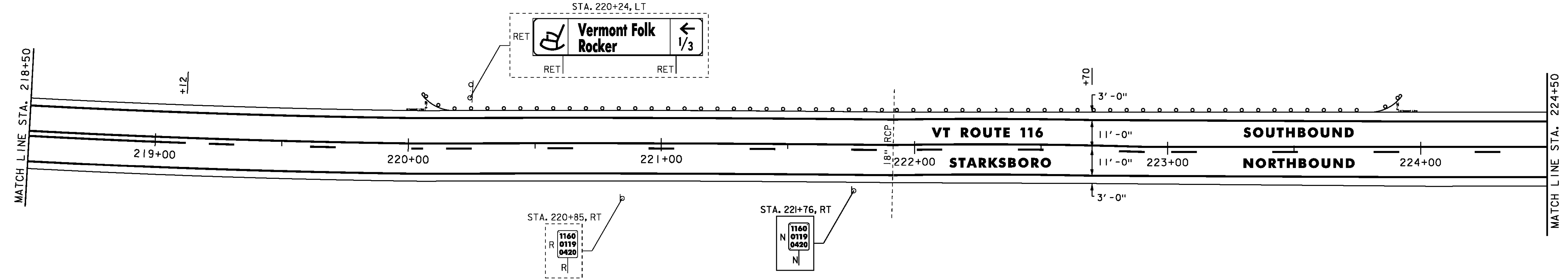


STEEL BEAM GUARDRAIL, GALVANIZED
STA. 220+05 TO 223+92.5, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 220+05, LT
STA. 223+92.5, LT
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 220+05 TO 223+95, LT

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

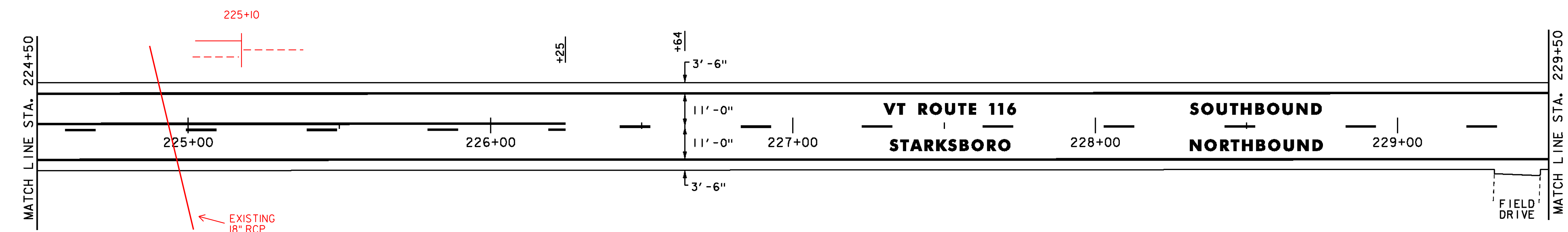
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 218+50 TO 224+50, SOLID LT & RT
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 218+50 TO 219+12, SOLID LT & RT
STA. 219+12 TO 224+50, SOLID LT, DASHED RT

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

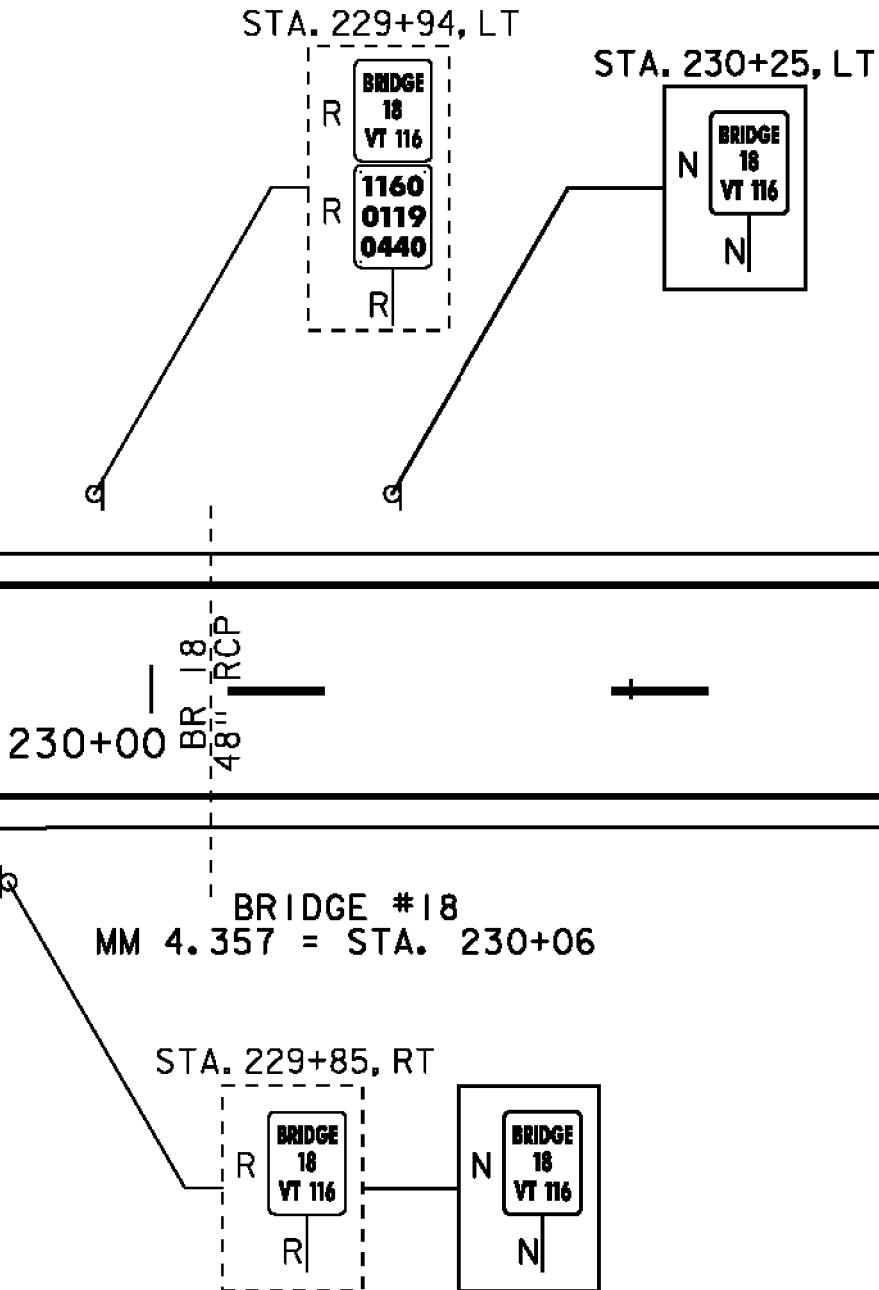


PROJECT
LAYOUT
SHEET #14

PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: p10b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: MCF
IPARM FILE: p10b266114.i	SHEET 34 OF 119

MATCH LINE STA. 229+50

MATCH LINE STA. 235+50



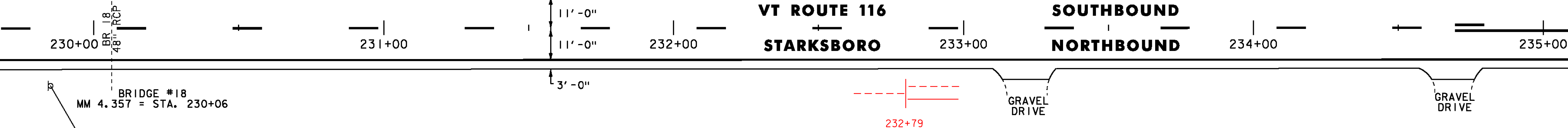
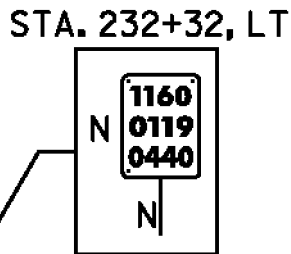
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 229+50 TO 235+50, SOLID LT & RT

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

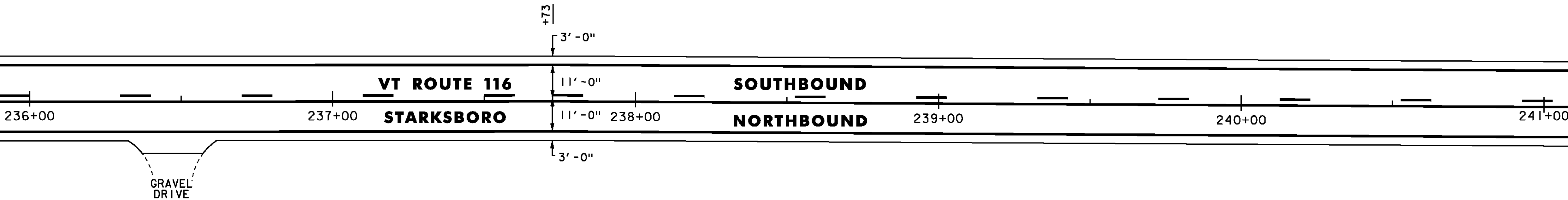
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 235+50 TO 241+50, DASHED LT, SOLID RT

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

MATCH LINE STA. 235+50

MATCH LINE STA. 241+50



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)

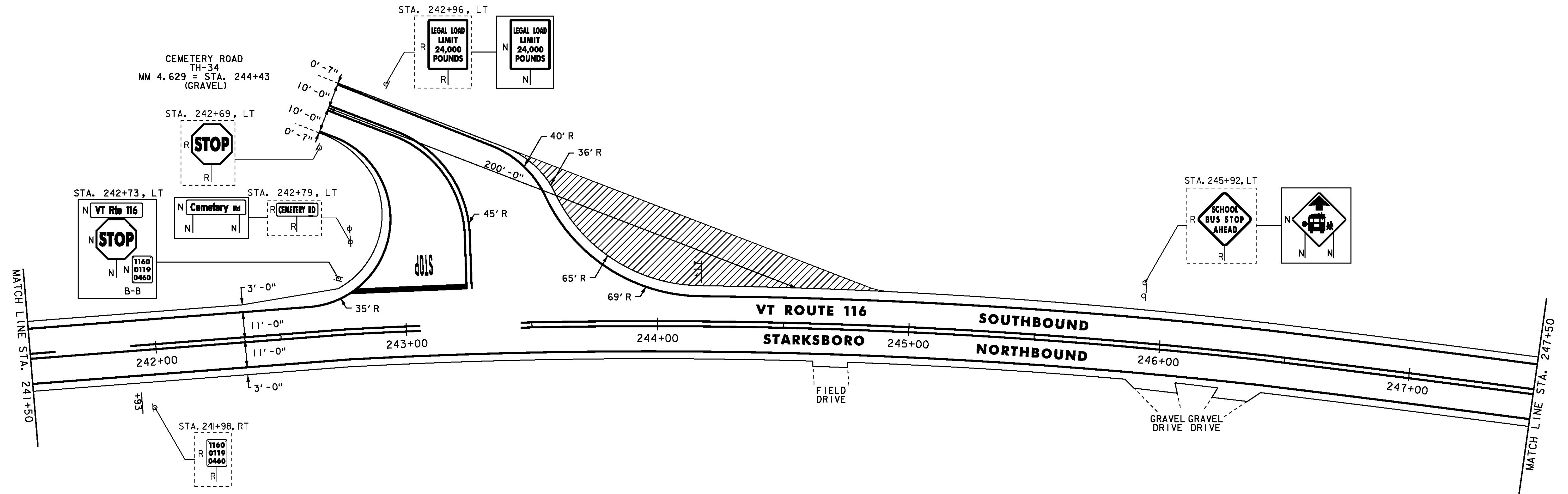
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 241+50 TO 241+93, DASHED LT, SOLID RT
STA. 241+93 TO 247+50, SOLID LT & RT
STA. 244+43, DOUBLE SOLID LT (CEMETERY ROAD TH-34)

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)

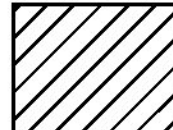
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 241+50 TO 247+50, SOLID LT & RT
STA. 244+43, SOLID LT (EDGELINES, CEMETERY ROAD TH-34)

TEMPORARY 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: p10b266116.i

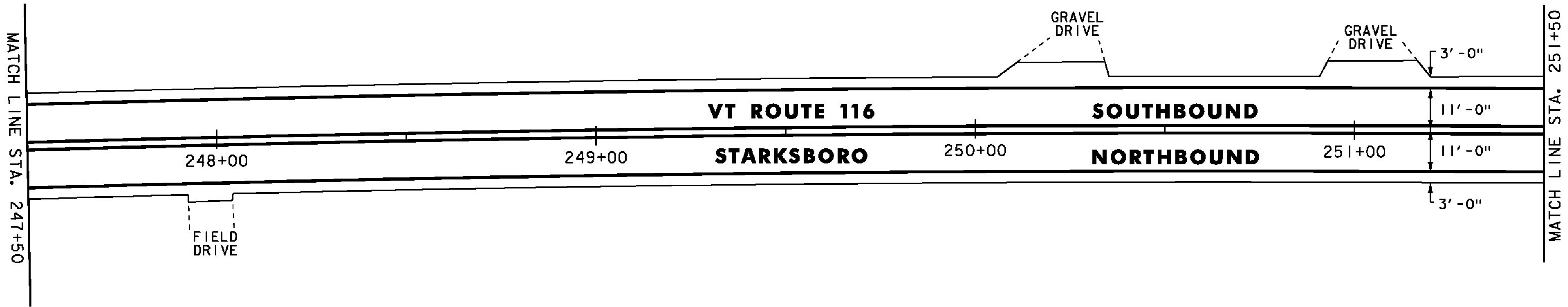
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 36 OF 119

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



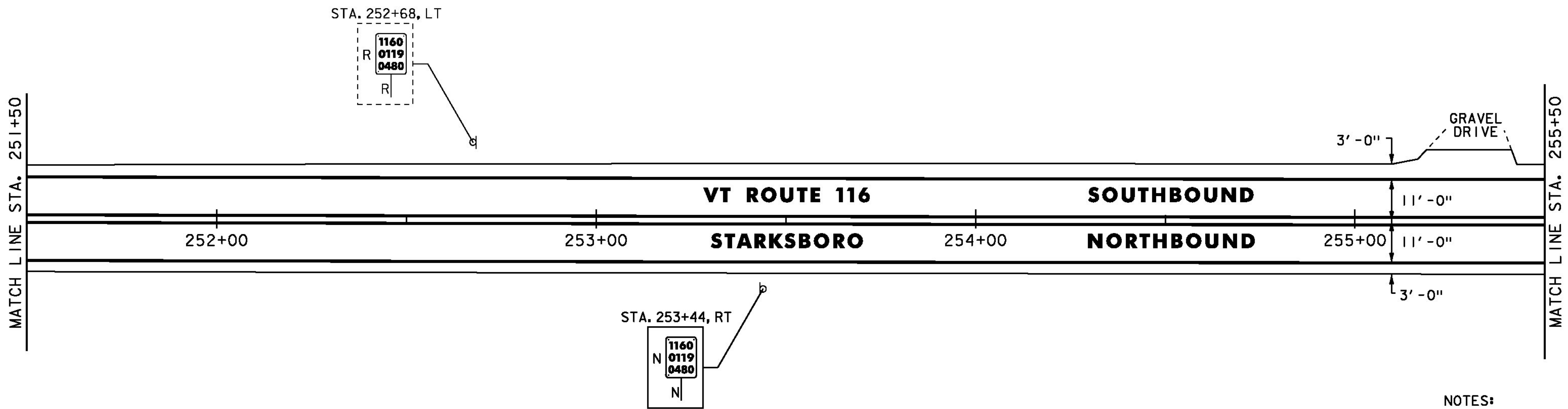
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 251+50 TO 255+50, SOLID LT & RT

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)

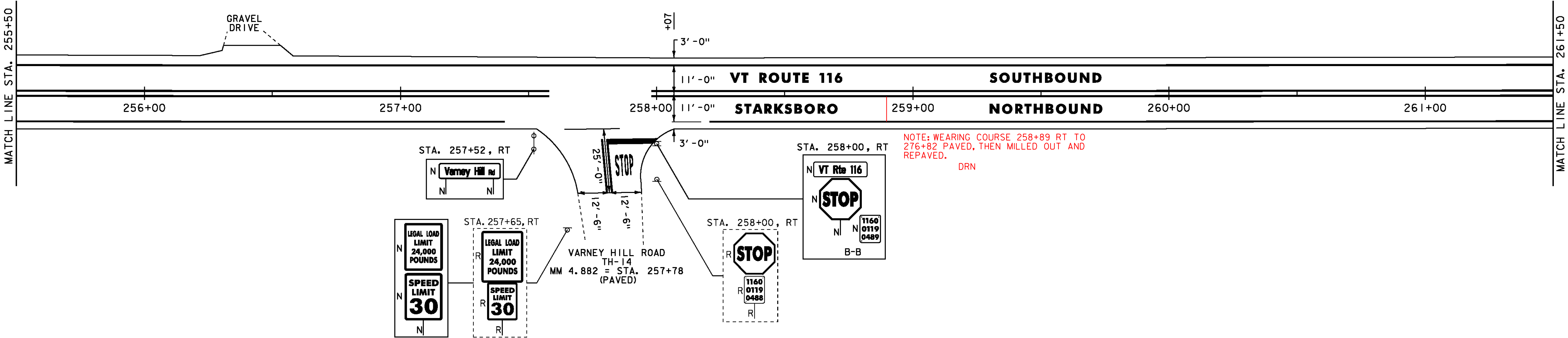
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 255+50 TO 261+50, SOLID LT & RT

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



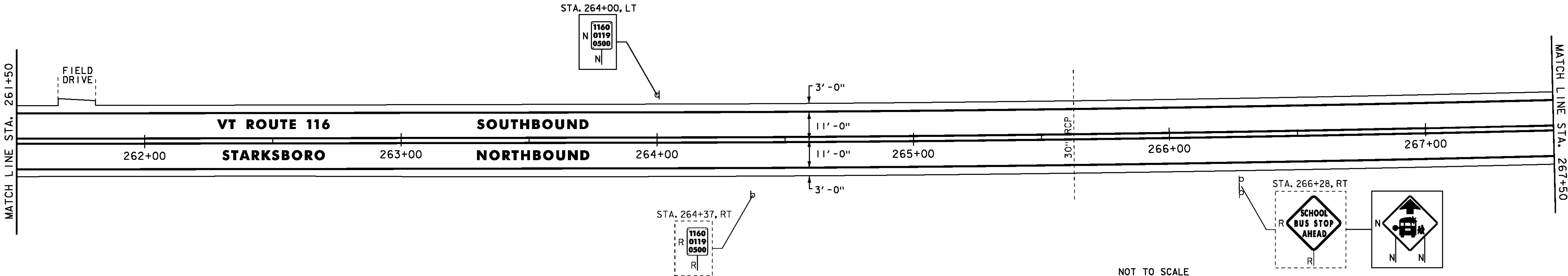
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 261+50 TO 267+50, SOLID LT & RT

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:
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 #18**

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

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

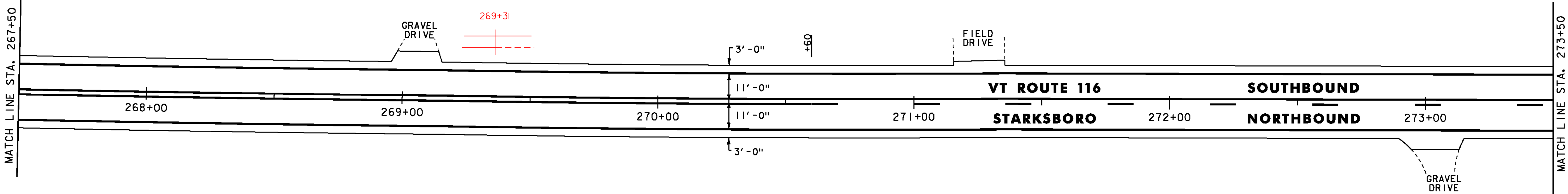
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 38 OF 119

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

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

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

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

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

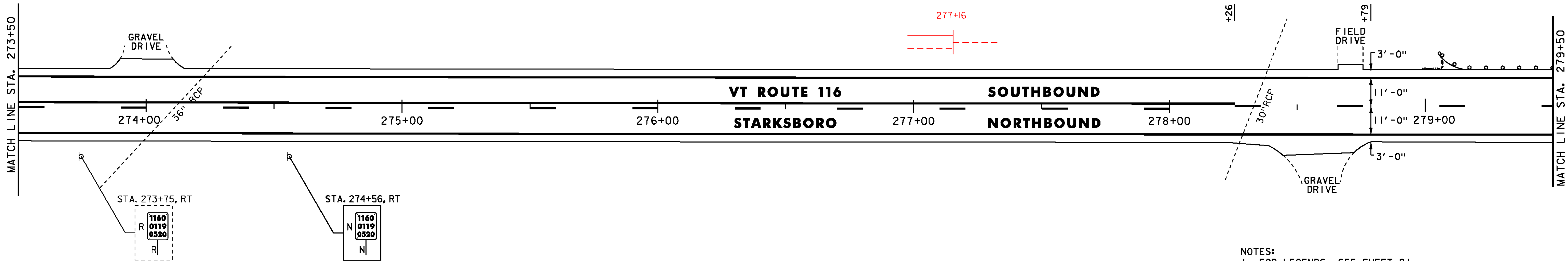
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 273+50 TO 279+50, SOLID LT & RT

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

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

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

REMOVING SIGNS
AS SHOWN - I



- 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

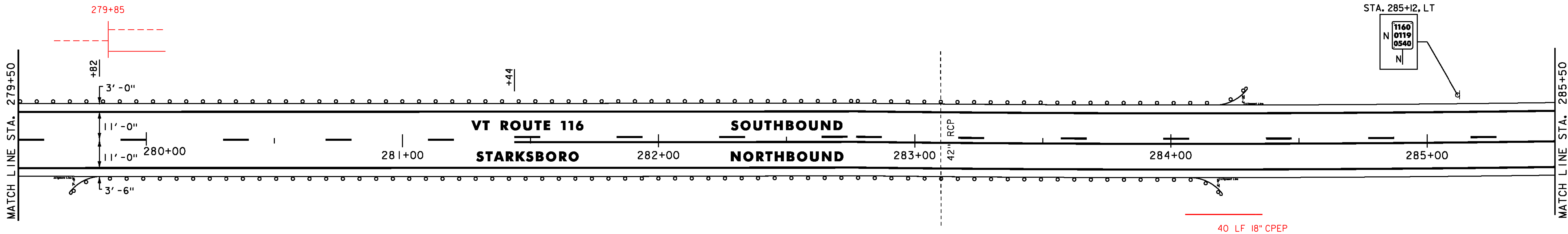
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 279+50 TO 284+34, LT
STA. 279+70 TO 284+23, RT

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

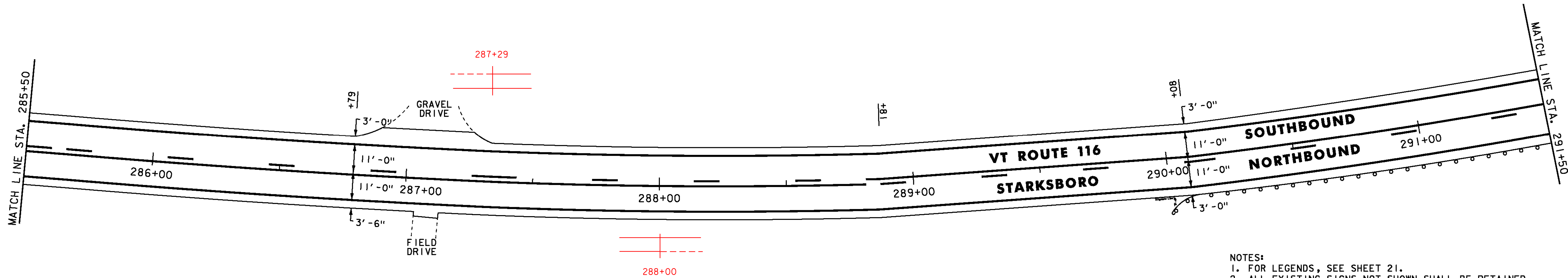
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 289+97 TO 291+50, RT

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

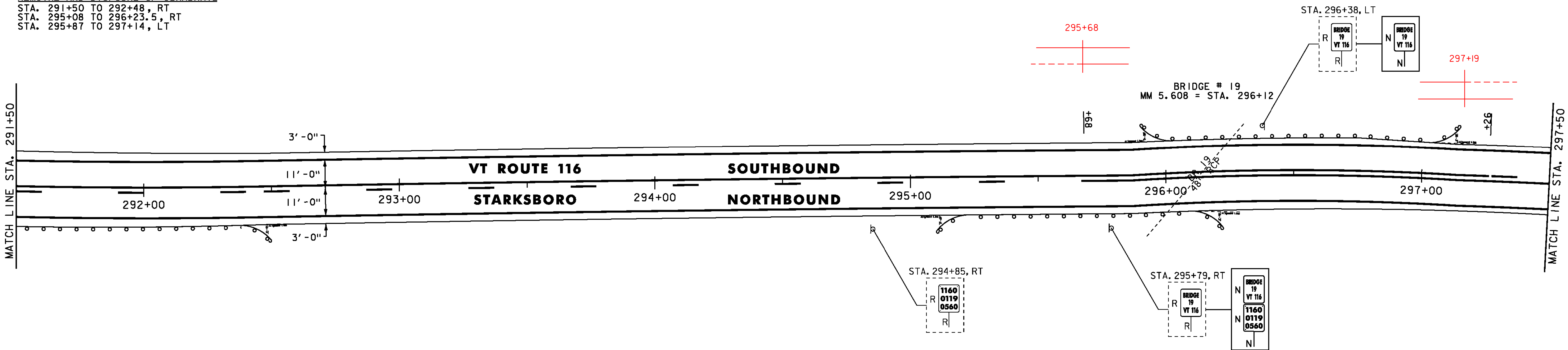
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 291+50 TO 297+50, SOLID LT & RT

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

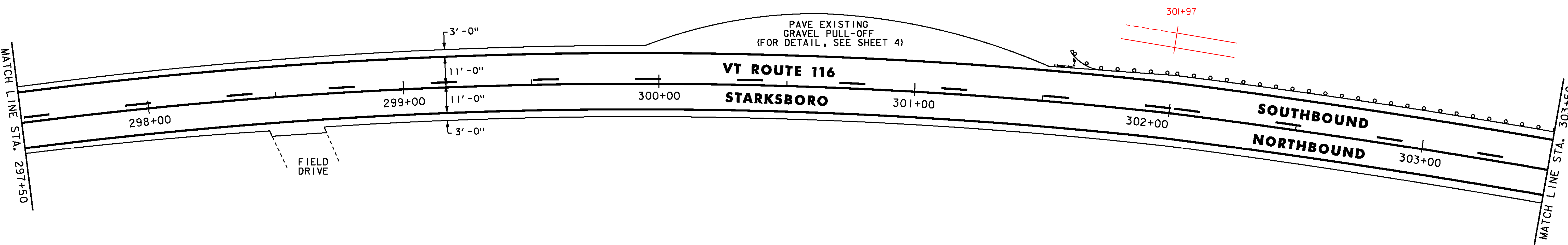
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 301+62 TO 303+50, LT

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: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266121.i

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

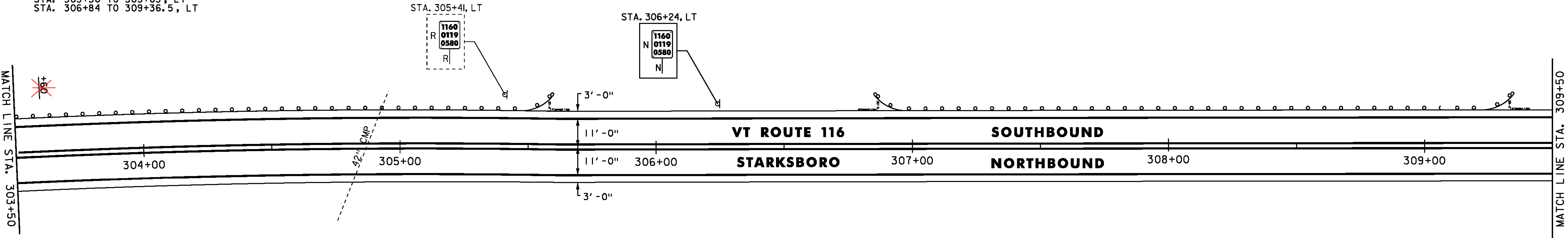
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 303+50 TO 309+50, SOLID LT & RT

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
RADI 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

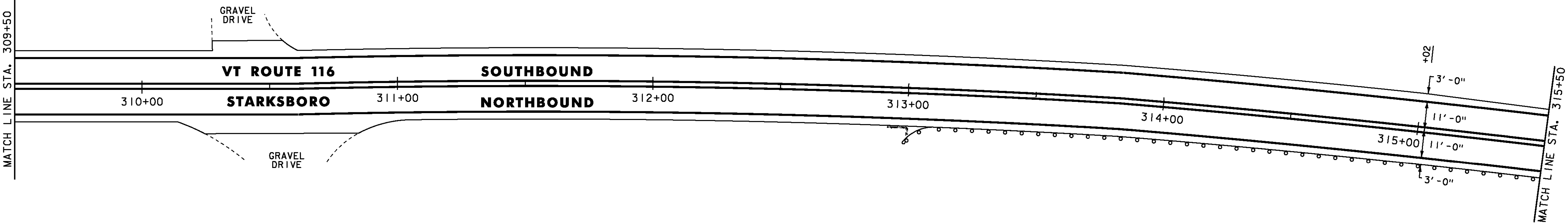
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 312+96.5 TO 315+50, RT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI 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
RADI 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: p10b266I22.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

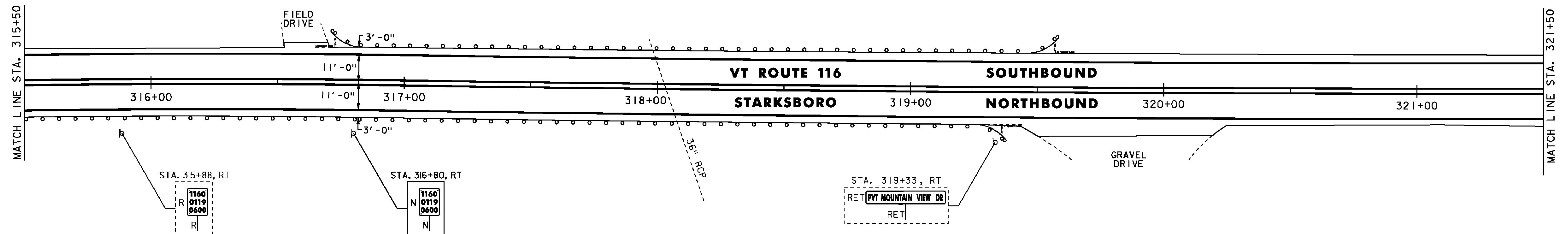
ANCHOR FOR STEEL BEAM RAIL
STA. 316+71, LT
STA. 319+35.5, RT
STA. 319+58.5, LT

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

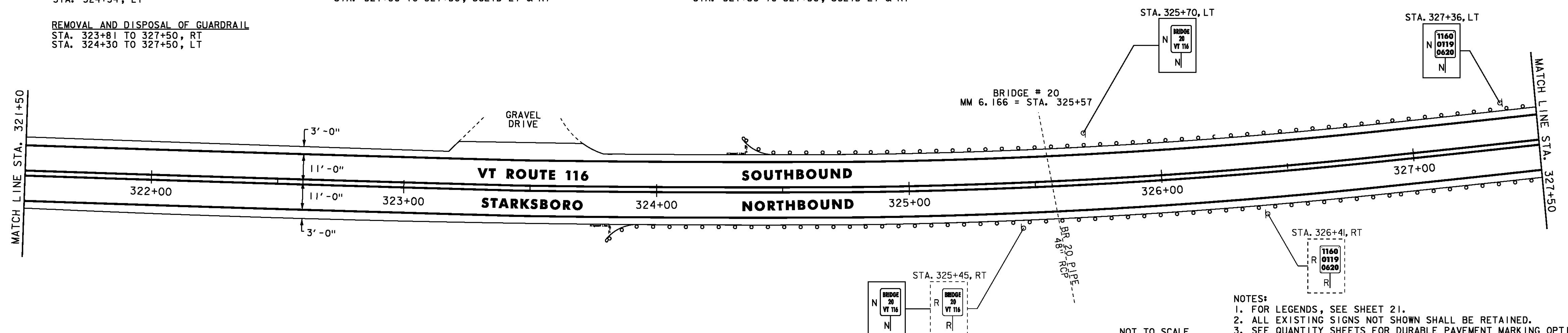
ANCHOR FOR STEEL BEAM RAIL
STA. 323+80, RT
STA. 324+34, LT

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**



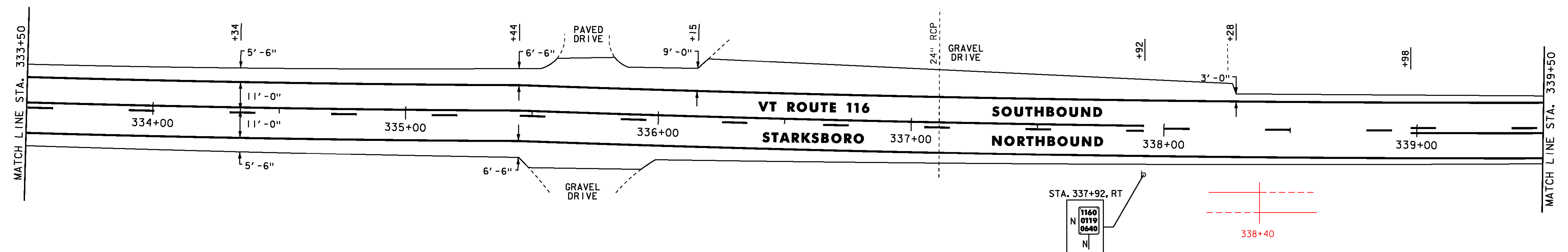
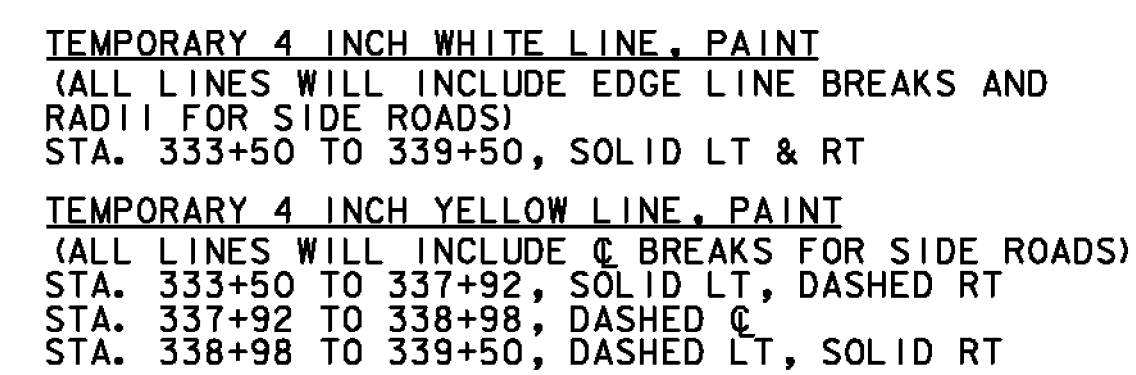
PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

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

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



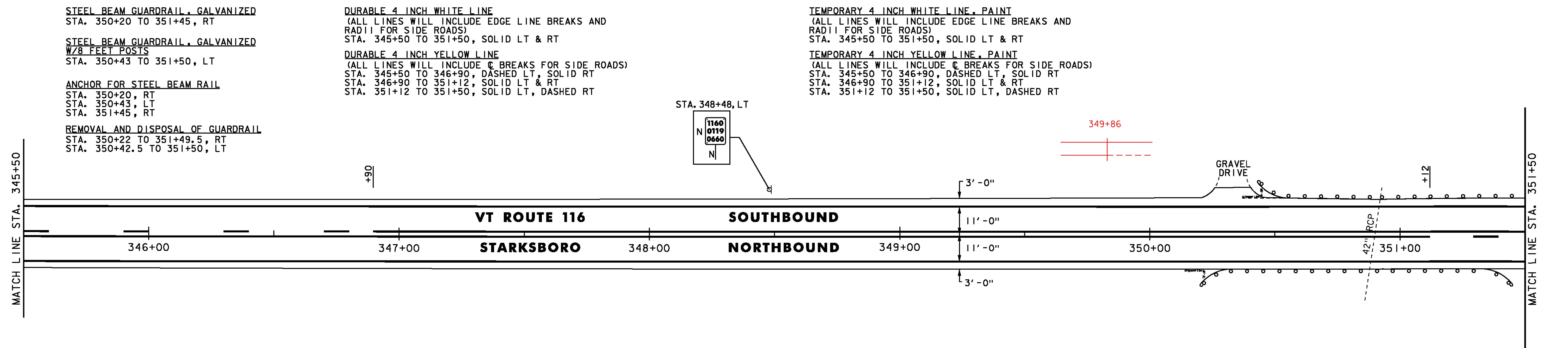
NOT TO SCALE

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 44 OF 119



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

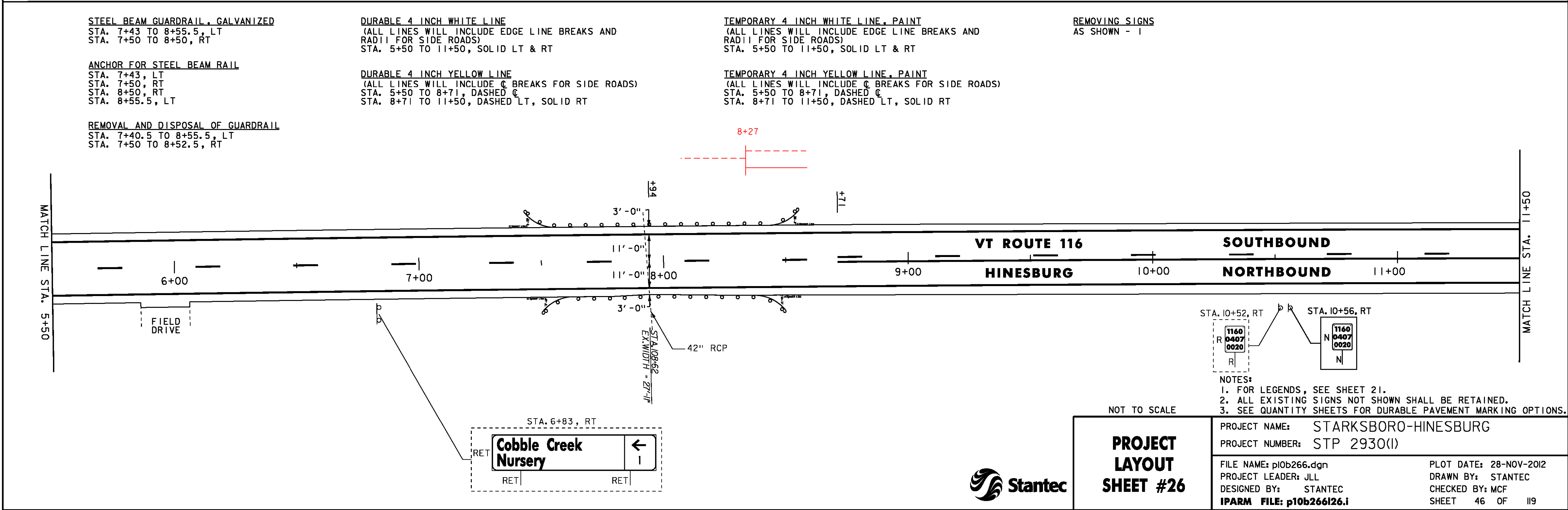
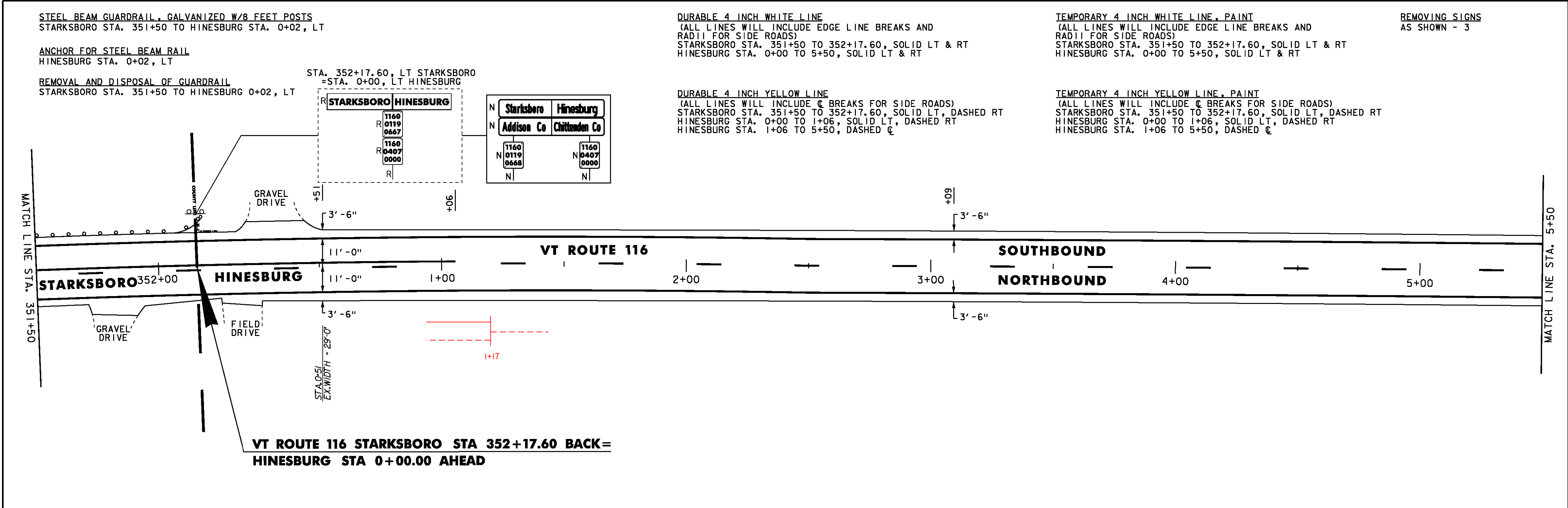
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 339+50 TO 345+50, DASHED LT, SOLID RT



NOT TO SCALE



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



STA. 14+87, LT (TYLER BRIDGE ROAD TH-25)

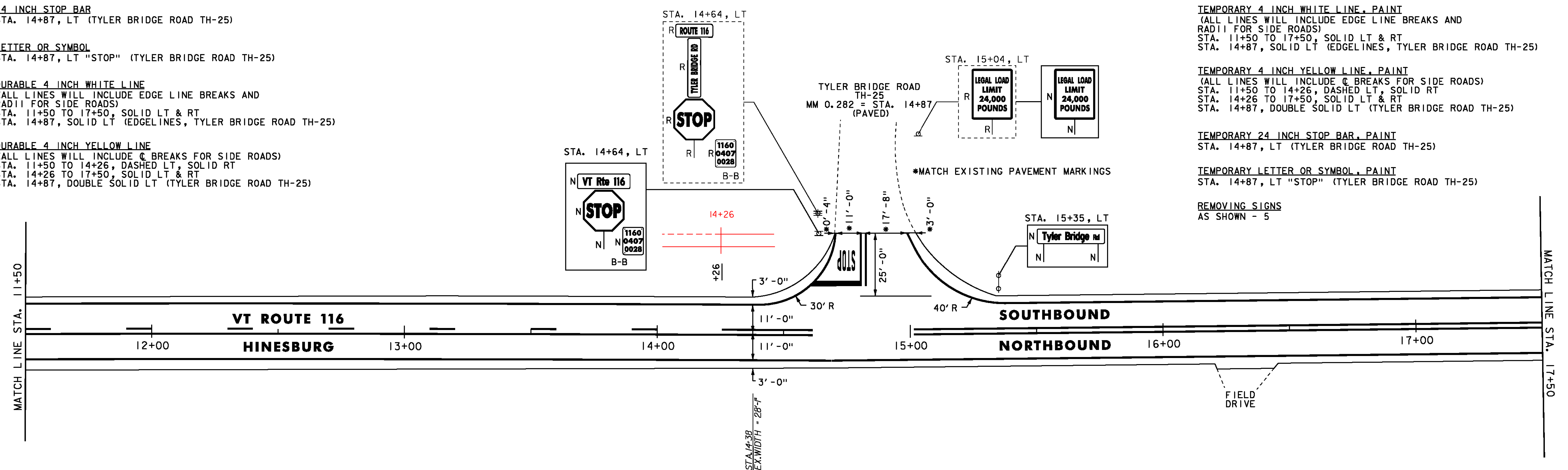
STA. 14+87, LT "STOP" (TYLER BRIDGE ROAD TH-25)

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
STALL MARKS FOR SIDE ROADS)

STA. 14+87, SOLID LT (EDGELINES, TYLER BRIDGE ROAD TH-25)

(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)



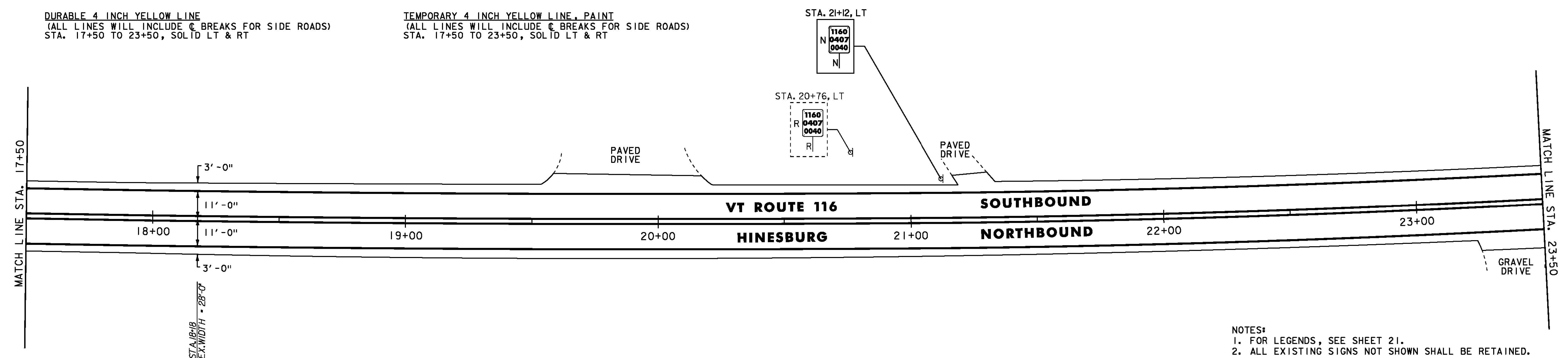
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 17+50 TO 23+50, SOLID LT & RT

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
RADII FOR SIDE ROADS)
STA. 17+50 TO 23+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE 6" 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(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266I27.i

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

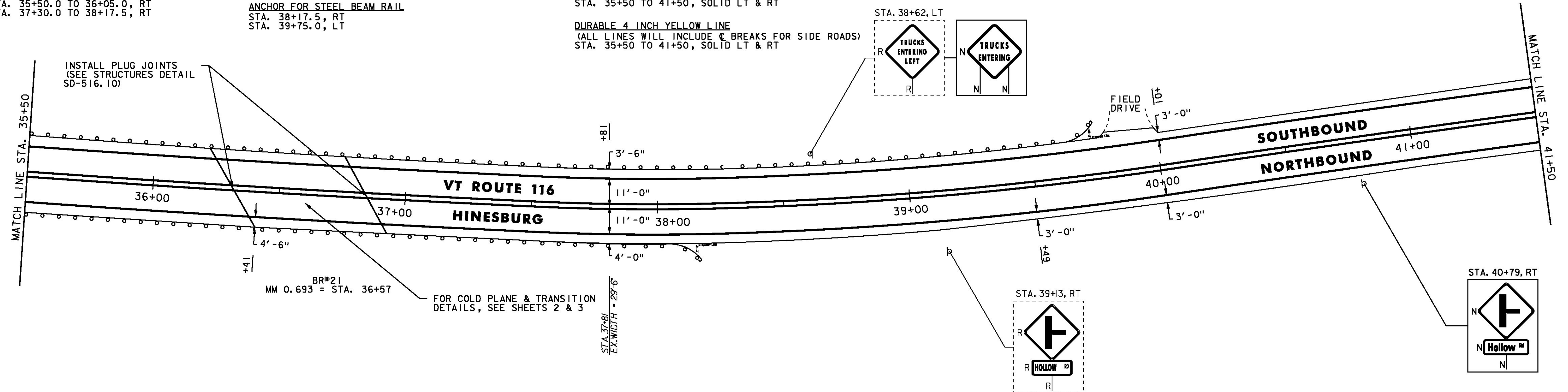
REMOVAL OF EXISTING BRIDGE RAILING
STA. 36+12.5 TO 36+87.5, LT
STA. 36+30.0 TO 37+05.0, RT
BRIDGE RAILING REPAIR, TYPE II
STA. 36+12.5 TO 36+87.5, LT
STA. 36+30.0 TO 37+05.0, RT
STEEL BEAM GUARDRAIL, GALVANIZED
STA. 35+50.0 TO 35+87.5, LT
STA. 35+50.0 TO 36+05.0, RT
STA. 37+30.0 TO 38+17.5, RT

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

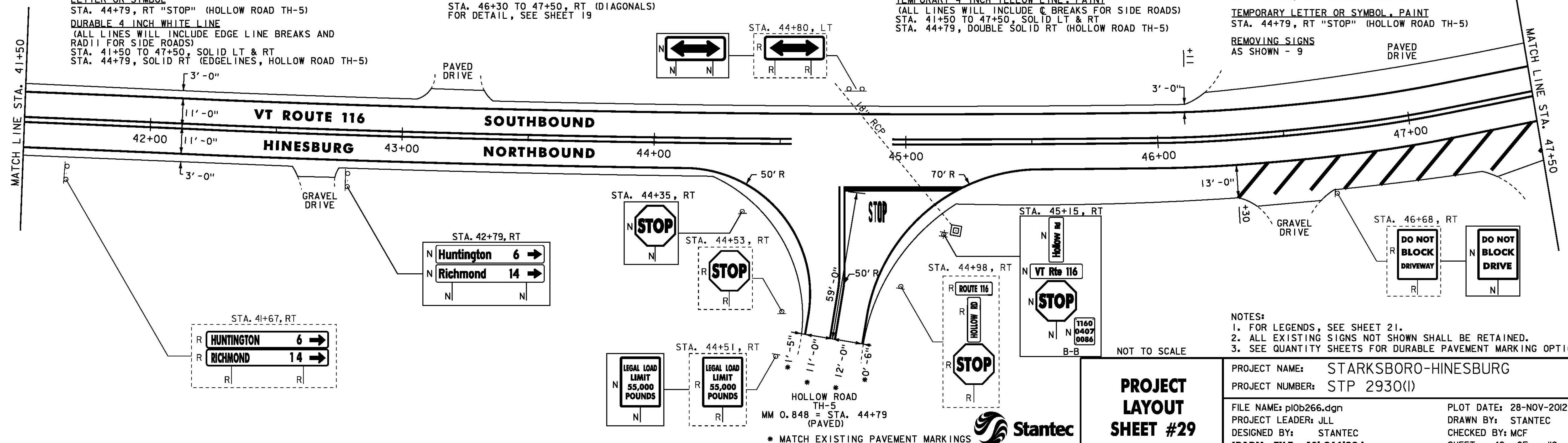


REHAB. Dis. CBs OR MHS, CLASS I OR II
STA. 45+19, RT (THROAT DI)
24 INCH STOP BAR
STA. 44+79, RT (HOLLOW ROAD TH-5)
LETTER OR SYMBOL
STA. 44+79, RT "STOP" (HOLLOW ROAD TH-5)
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 41+50 TO 47+50, SOLID LT & RT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

NOT TO SCALE

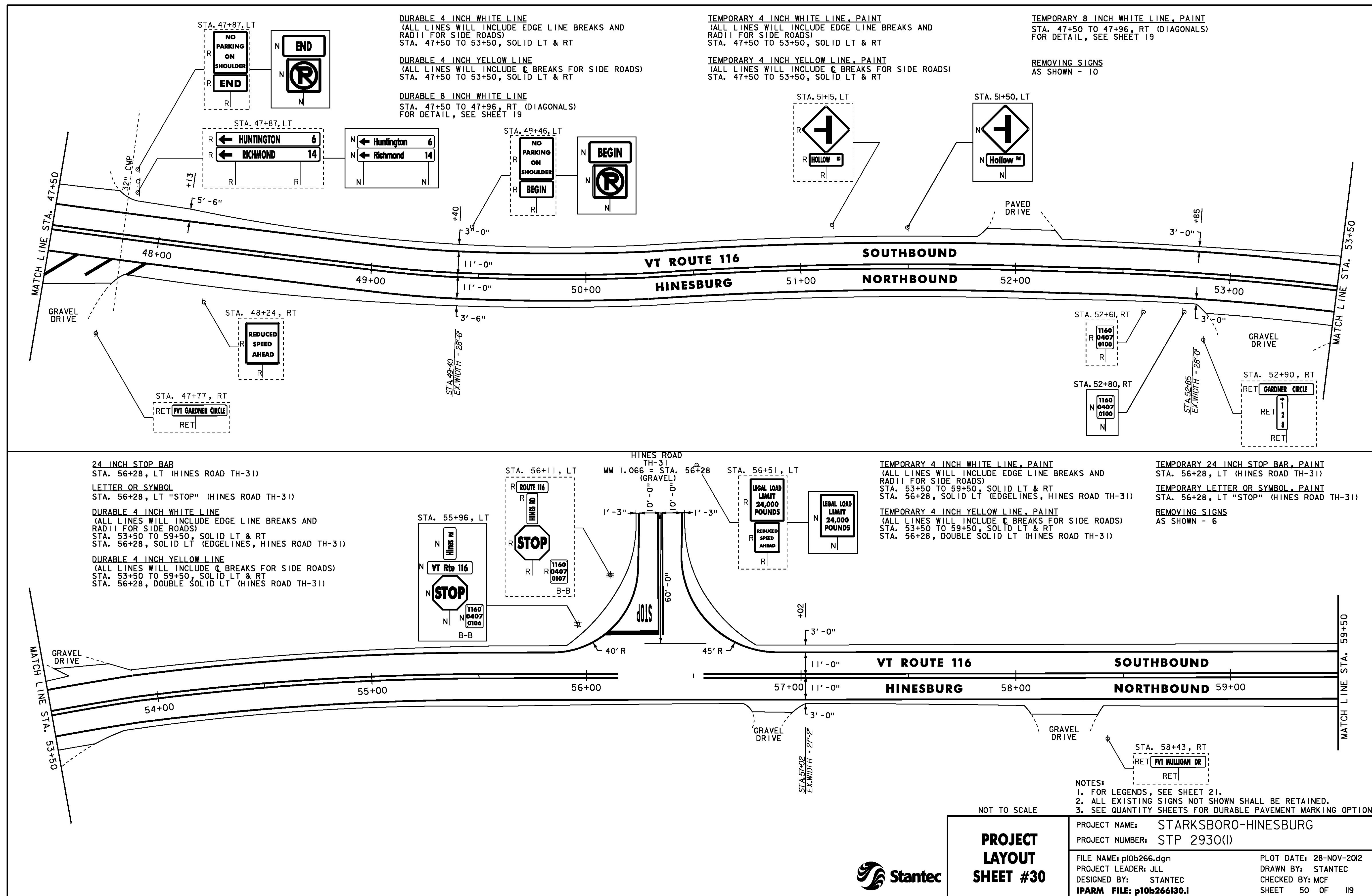
PROJECT
LAYOUT
SHEET #29

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

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266129.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 49 OF 119





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

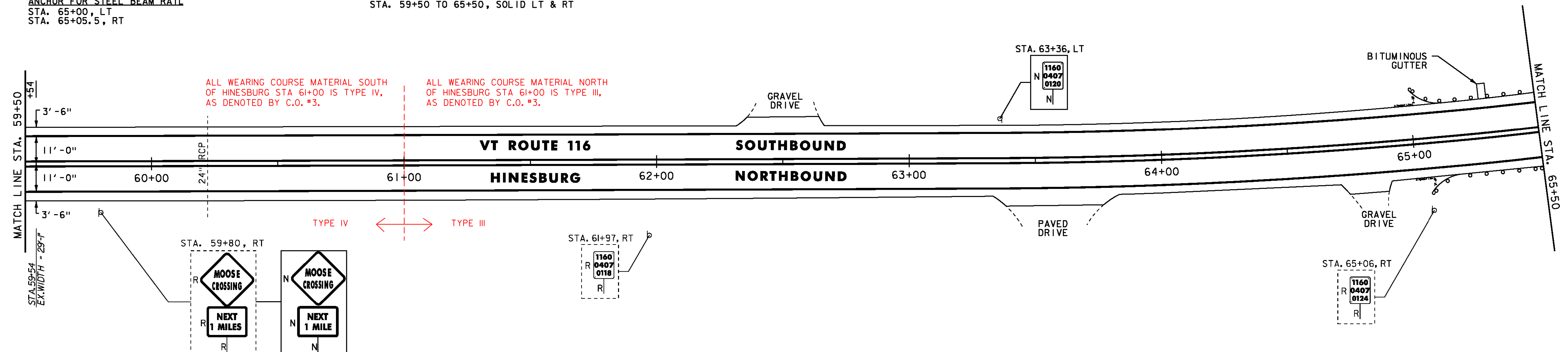
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 59+50 TO 65+50, SOLID LT & RT

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
RADIi 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

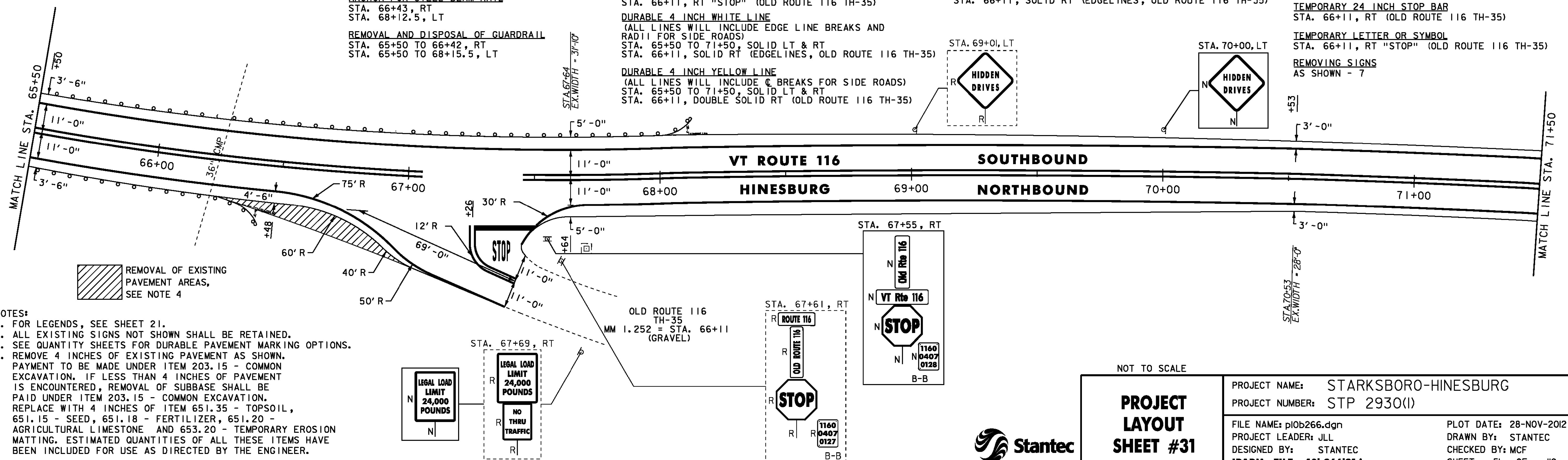
STEEL BEAM GUARDRAIL, GALVANIZED
STA. 65+50 TO 66+43, RT
STA. 65+50 TO 68+12.5, LT
ANCHOR FOR STEEL BEAM RAIL
STA. 66+43, RT
STA. 68+12.5, LT

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
RADIi FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, SOLID RT (EDGE LINES, 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
RADIi FOR SIDE ROADS)
STA. 65+50 TO 71+50, SOLID LT & RT
STA. 66+11, SOLID RT (EDGE LINES, 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, 651.18 - 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
PROJECT NUMBER: STP 2930(1)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266131.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 51 OF 119



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

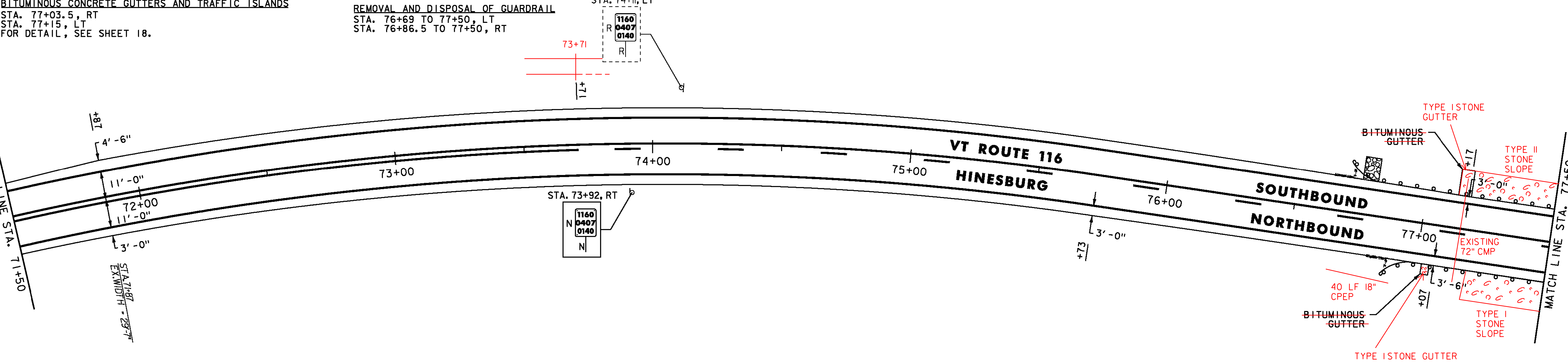
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 71+50 TO 77+50, SOLID LT & RT

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 - I



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

BRIDGE # 22
MM 1.480 = STA. 78+15

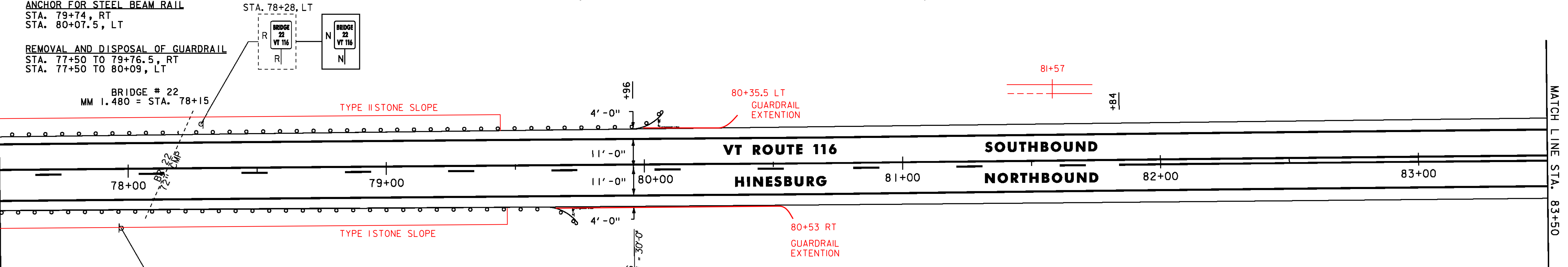
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 77+50 TO 83+50, SOLID LT & RT

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:	p10b266132.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

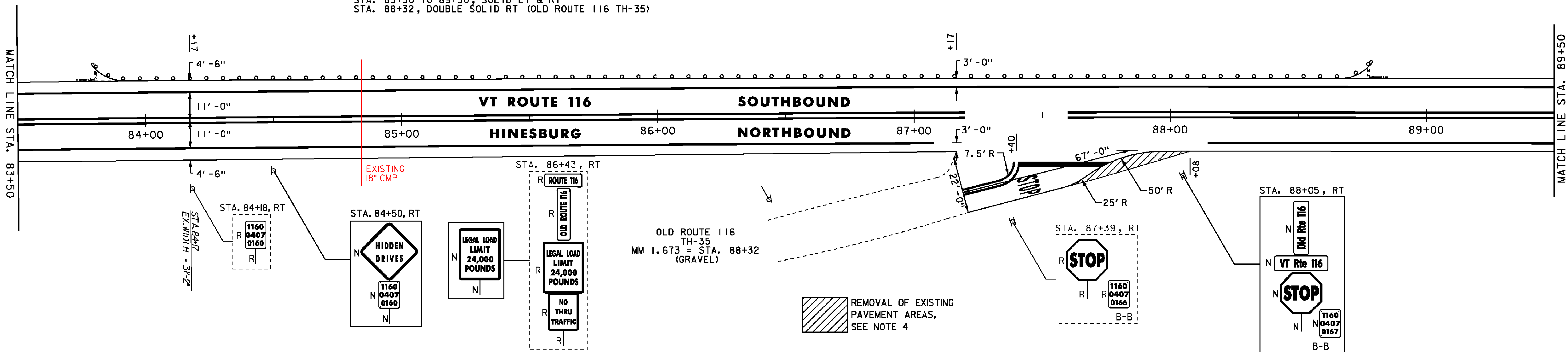
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 83+50 TO 89+50, SOLID LT & RT
STA. 88+32, DOUBLE SOLID RT (OLD ROUTE 116 TH-35)

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



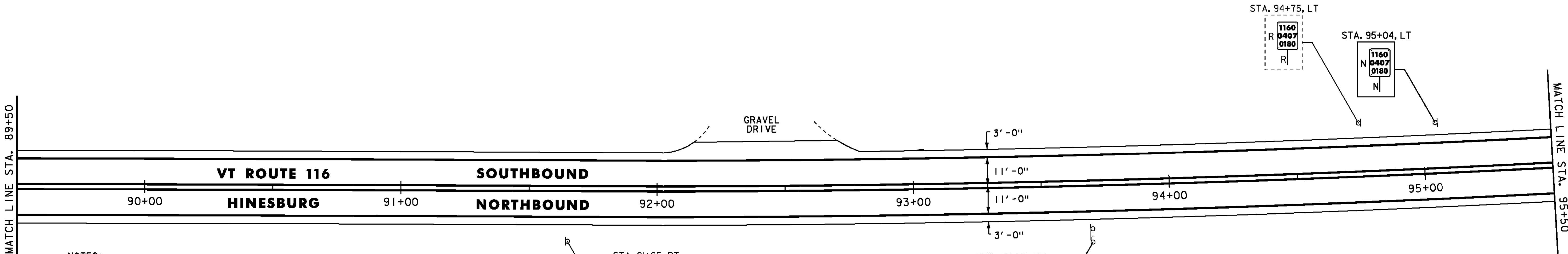
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

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

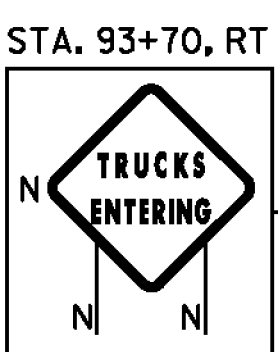
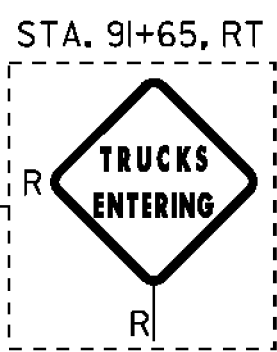
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 89+50 TO 95+50, SOLID LT & RT

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
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266l33.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 53 OF 119

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
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
RADIi FOR SIDE ROADS)
STA. 107+50 TO 113+50, SOLID LT & RT

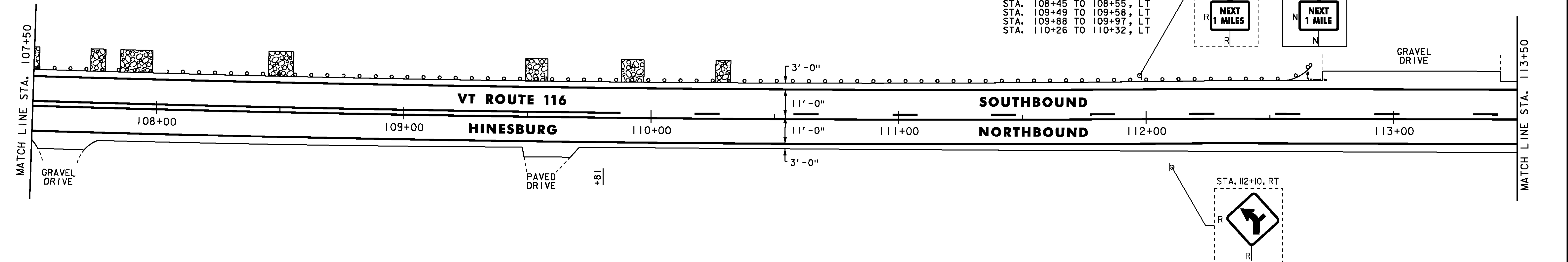
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 107+50 TO 109+81, SOLID LT & RT
STA. 109+81 TO 113+50, DASHED LT, SOLID RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi 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

REMOVING SIGNS
AS SHOWN - 3



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

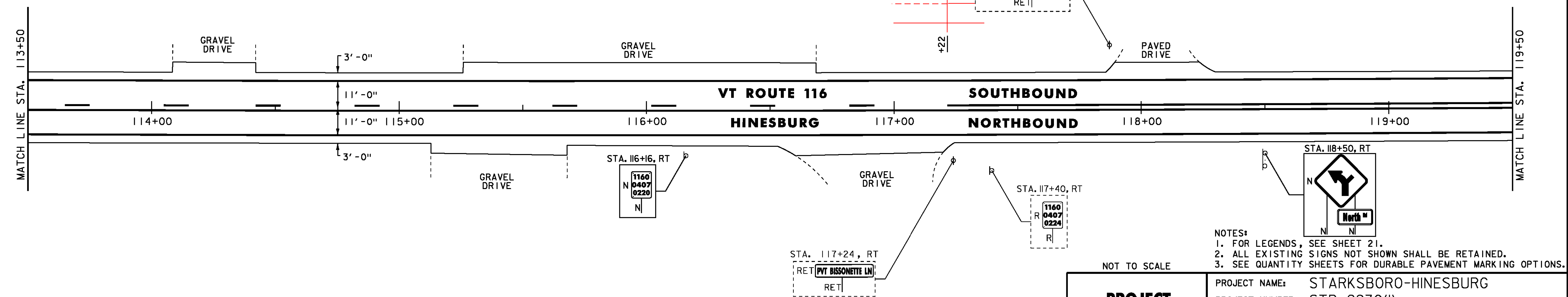
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 113+50 TO 119+50, SOLID LT & RT

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

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi 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



NOT TO SCALE

PROJECT LAYOUT SHEET #35

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: p10b266i35.i

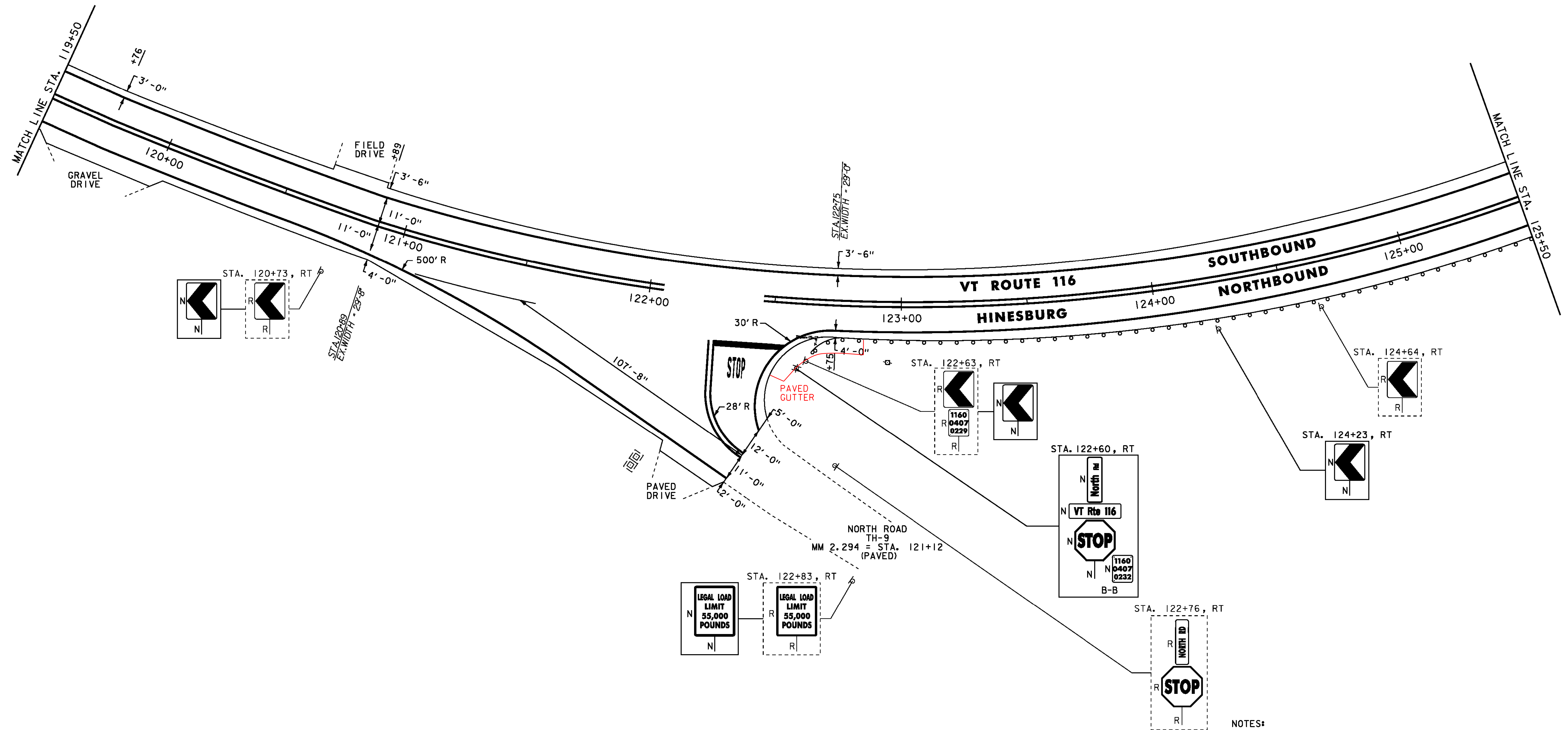
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 55 OF 119

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

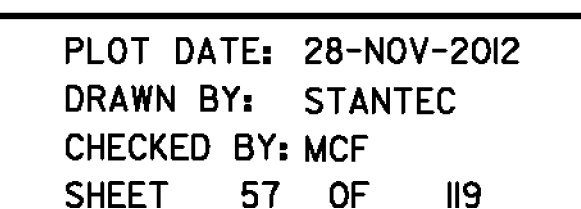
PROJECT
LAYOUT
SHEET #36



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

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266136.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 56 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

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

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
RADI FOR SIDE ROADS)
STA. 136+50 TO 142+50, SOLID LT & RT

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

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

REMOVING SIGNS
AS SHOWN - 1

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

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

BITUMINOUS CONCRETE GUTTERS
AND TRAFFIC ISLANDS
STA. 148+04, LT
FOR DETAIL, SEE SHEET 18.

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

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

REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 142+50 TO 144+51, RT
STA. 144+31 TO 145+34, LT
STA. 147+89 TO 148+50, LT
STA. 147+93 TO 148+50, RT

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

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

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

GRUBBING MATERIAL
STA. 143+74 TO 143+80, RT
STA. 144+37 TO 144+43, 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 #38

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

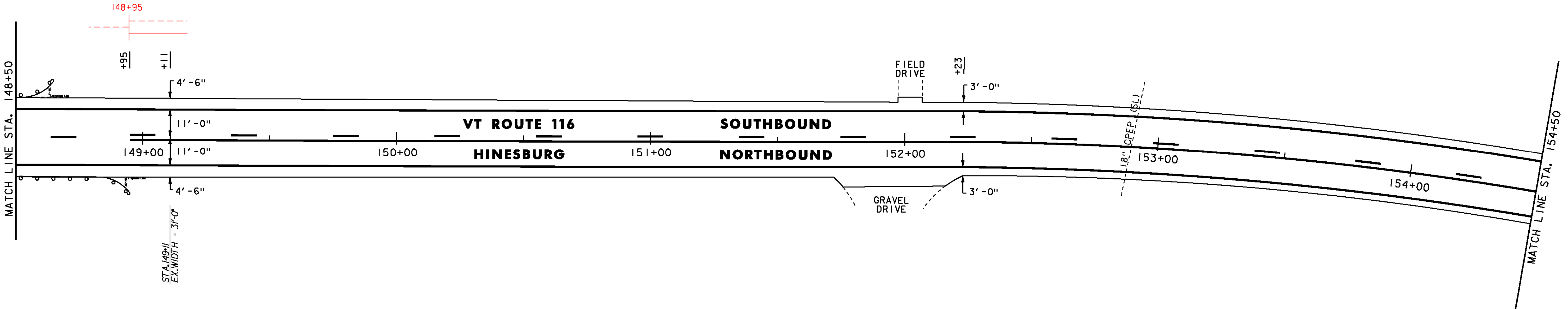
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 148+50 TO 148+67, LT
STA. 148+50 TO 148+96, RT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi 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
RADIi 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



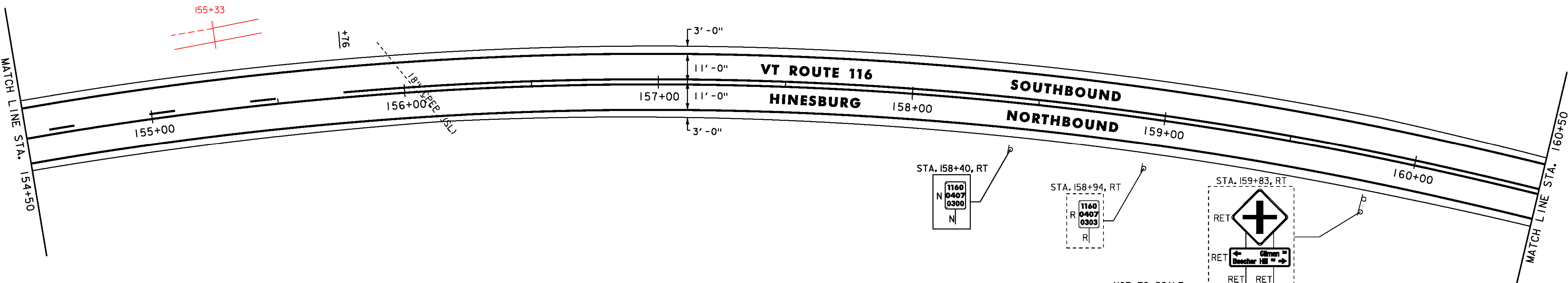
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 154+50 TO 160+50, SOLID LT & RT

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
RADIi 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



- 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.

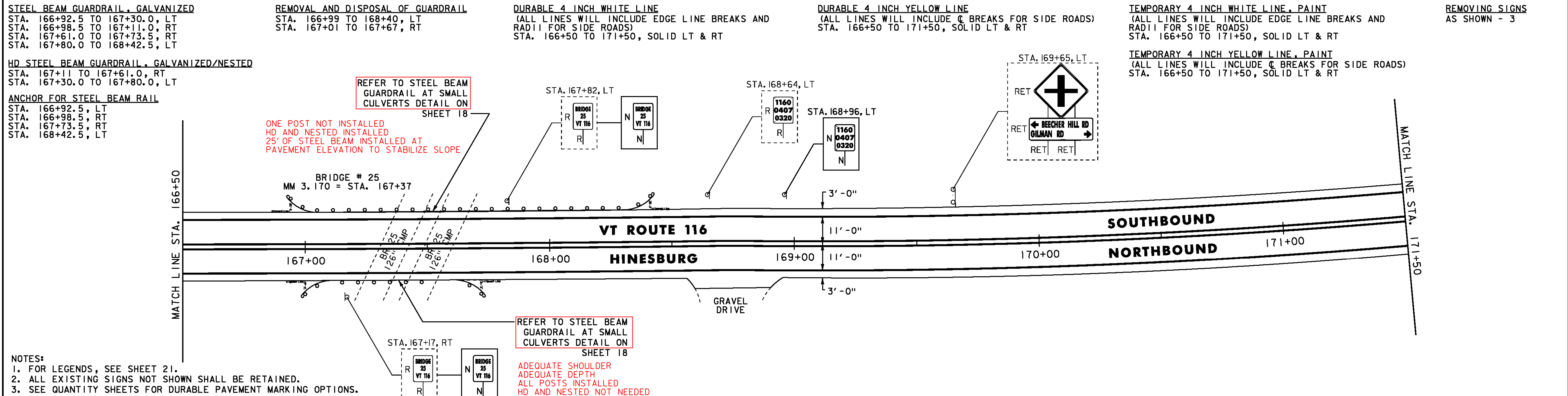
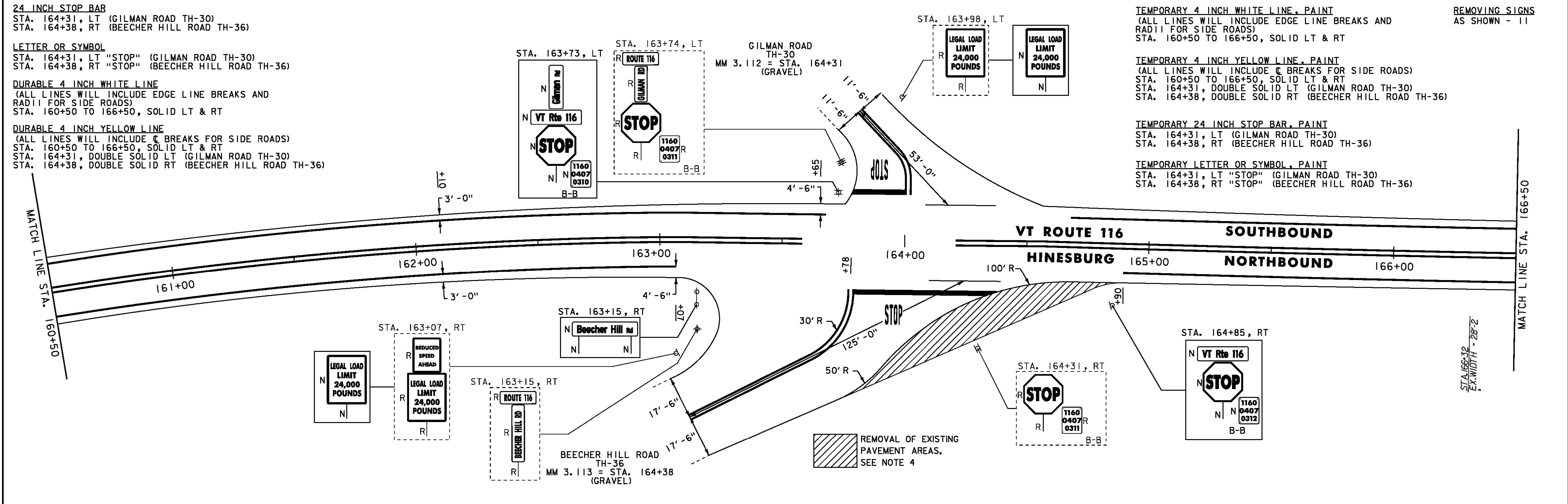


PROJECT
LAYOUT
SHEET #39

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

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



- 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
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i40.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 60 OF 119

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)

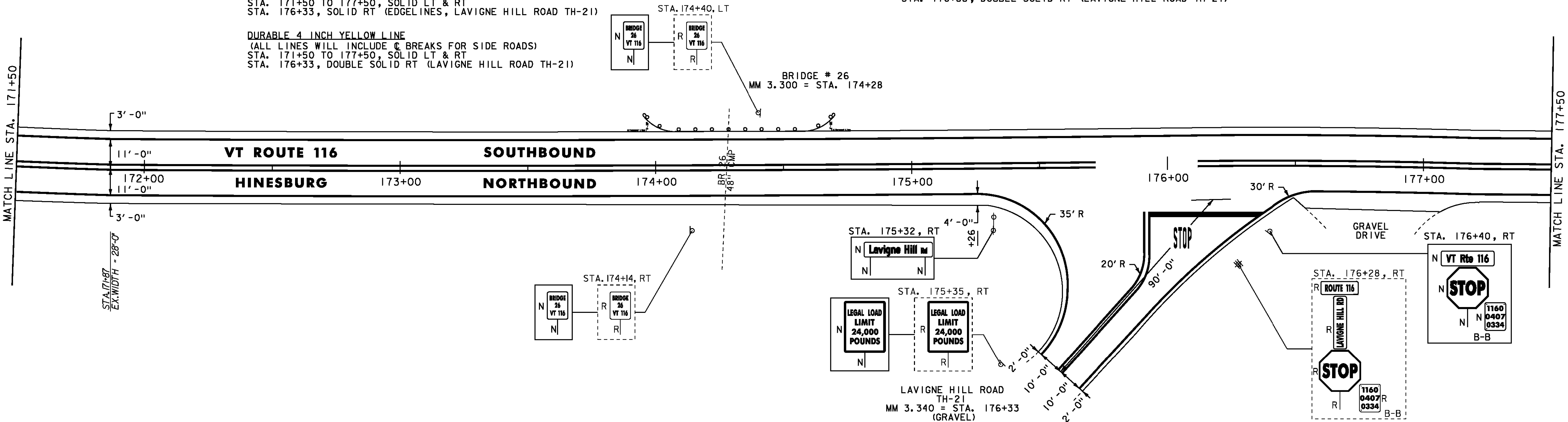
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 171+50 TO 177+50, SOLID LT & RT
STA. 176+33, SOLID RT (EDGELINES, LAVIGNE HILL ROAD TH-21)

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



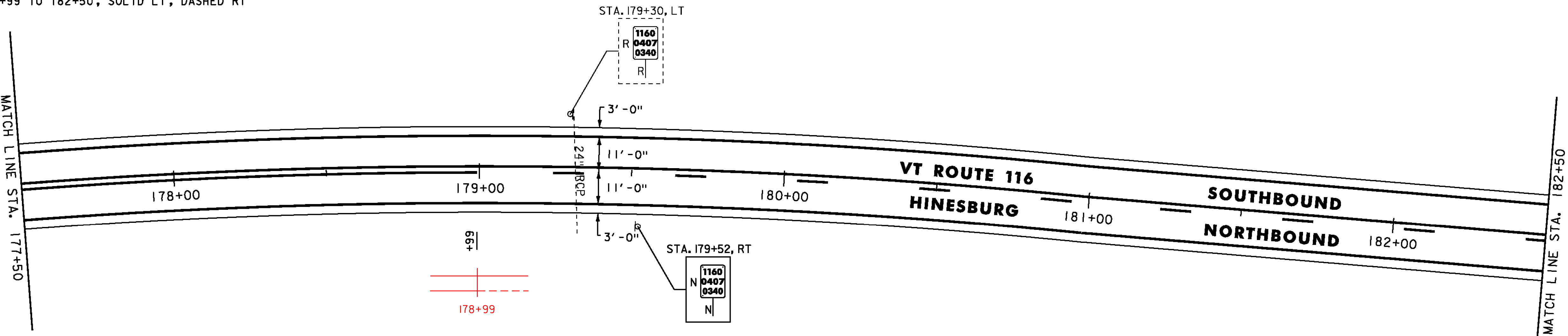
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 177+50 TO 182+50, SOLID LT & RT

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

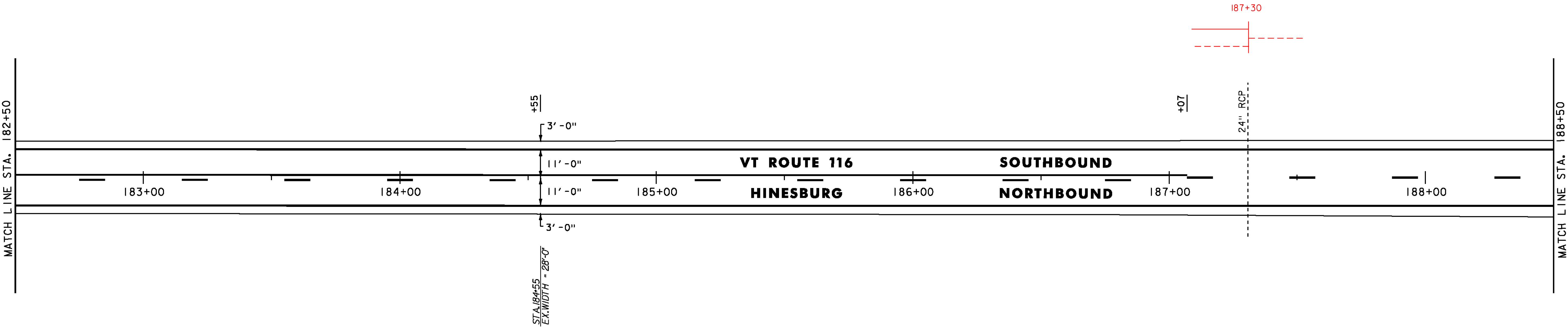
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 61 OF 119

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi 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 WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi 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 187+07, SOLID LT, DASHED RT
STA. 187+07 TO 188+50, DASHED C



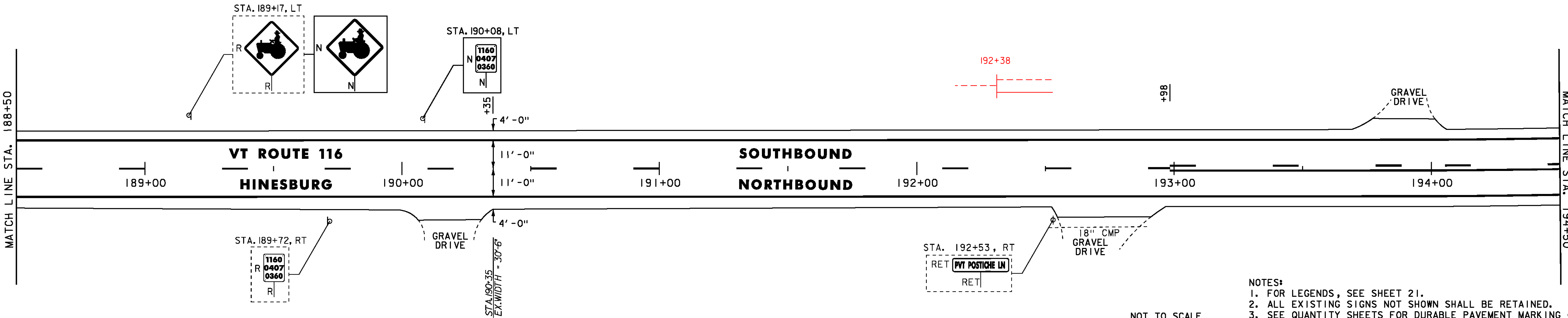
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 188+50 TO 194+50, SOLID LT & RT

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

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

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

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 #42



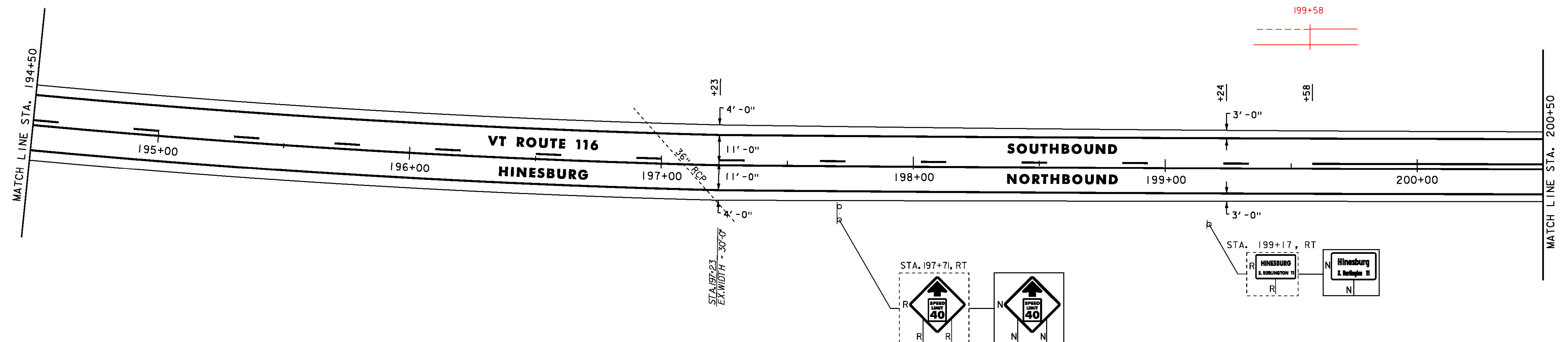
PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

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

REMOVING SIGNS
AS SHOWN - 2

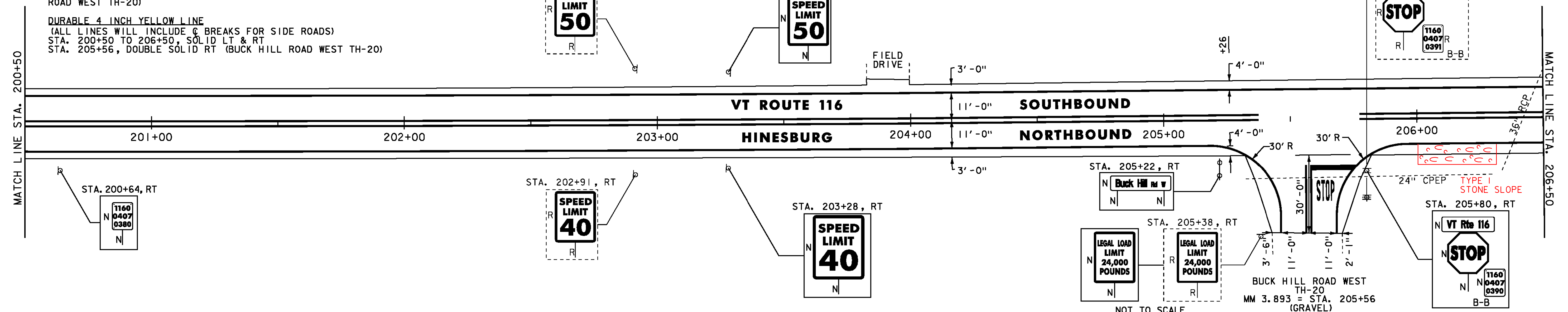
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE 6' BREAKS FOR SIDE ROADS)
STA. 194+50 TO 199+58, DASHED LT, SOLID RT
STA. 199+58 TO 200+50, SOLID LT & RT



STA. 205+80, RT

A diagram of a T-intersection. A vertical road labeled "BUCK HILL RD" with a "R" (Right) turn arrow approaches a horizontal road. At the intersection, there is a stop sign and a street name sign. The horizontal road has a dashed line on its left side and a solid line on its right side, with "R" (Right) turn arrows on both.

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.



**PROJECT
LAYOUT
SHEET #43**

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

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i43.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 63 OF 119

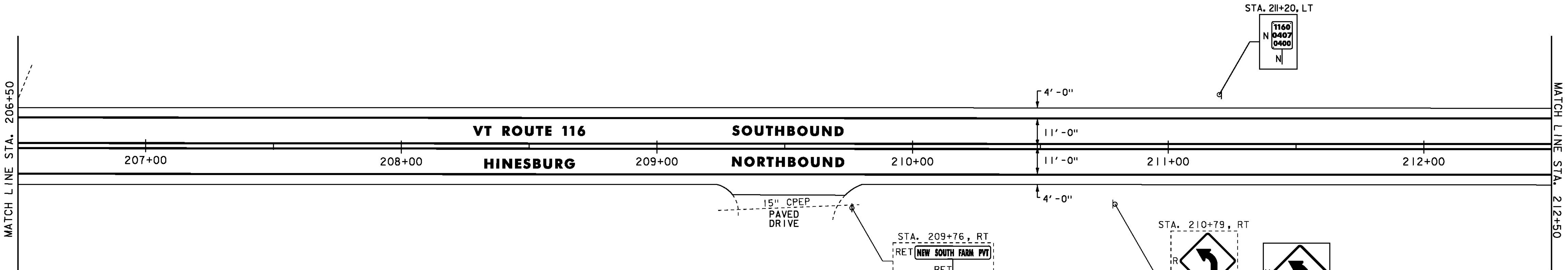
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 206+50 TO 212+50, SOLID LT & RT

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



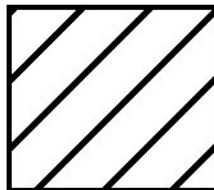
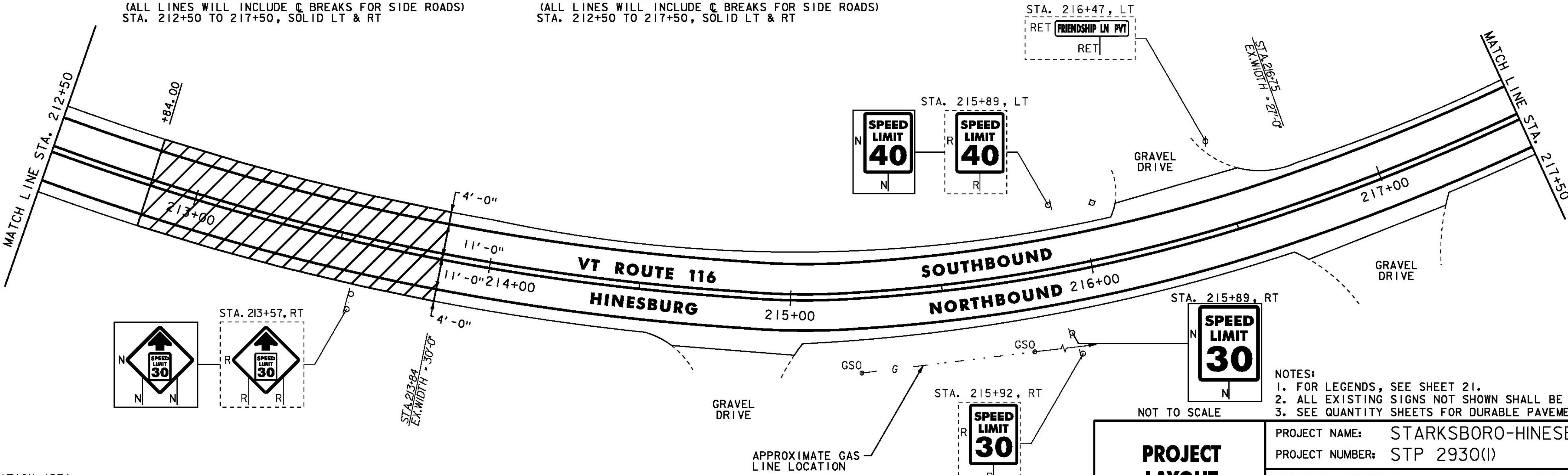
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 212+50 TO 217+50, SOLID LT & RT

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.

NOT TO SCALE

**PROJECT
LAYOUT
SHEET #44**

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

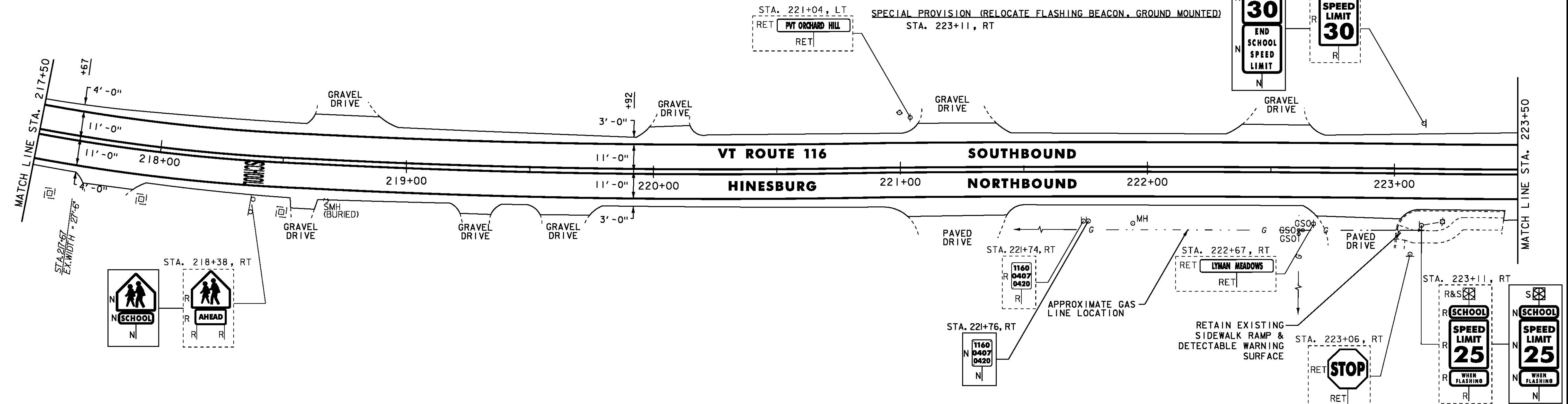
FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i44.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 64 OF 119



REMOVING SIGNS
AS SHOWN - 7

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



Plan view of VT Route 116 showing southbound and northbound lanes, sidewalks, drives, and stationing from 223+50 to 229+50. The drawing includes details for existing and proposed sidewalks, drives, and various utility markers (WSO, MW). Key features include:

- VT ROUTE 116 SOUTHBOUND** and **NORTHBOUND** lanes.
- PAVED SCHOOL DRIVE** and **PAVED DRIVE** locations.
- EXISTING CONCRETE SIDEWALK** and **PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH** details.
- STATIONING** markers from 223+50 to 229+50.
- UTILITY MARKERS** (WSO, MW) and **APPROXIMATE GAS LINE LOCATION**.
- 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** warning.

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.

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

**PROJECT
LAYOUT
SHEET #45**



REHAB. DIS. C.Bs 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 (EDGE LINES, 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 (EDGE LINES, 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)

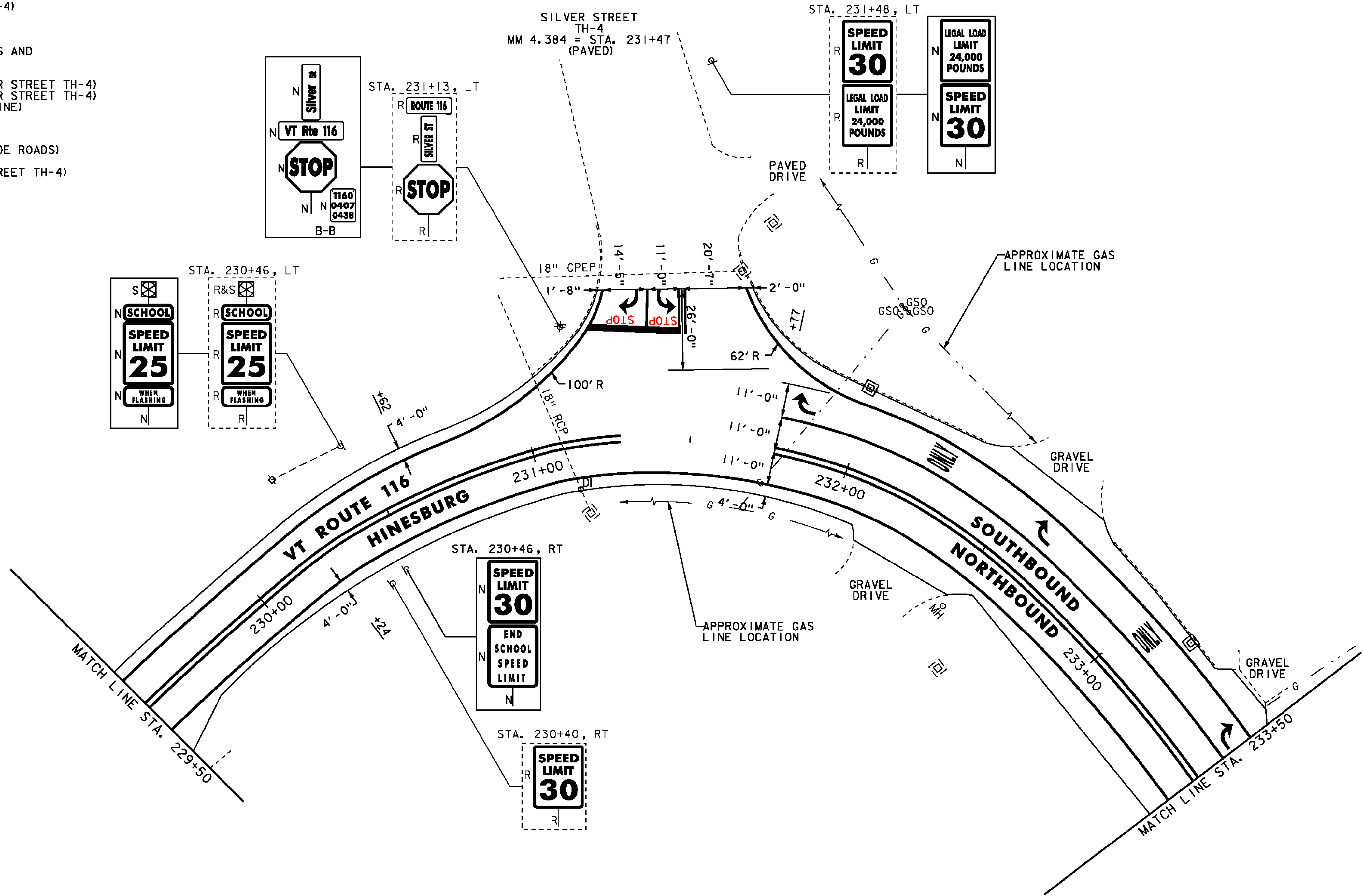
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 229+50 TO 233+50, SOLID LT & RT
STA. 231+47, DOUBLE SOLID LT (SILVER STREET TH-4)

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

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

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE 6 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 YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE 6' 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"

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 #47

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. C&S OR MHS. CLASS I OR II

STA. 239+34, LT
SEE DETAIL ON SHEET 17
STA. 239+76, RT

REMOVING AND RESETTNG 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, LT
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

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
RADI FOR SIDE ROADS)
STA. 237+50 TO 242+50, SOLID LT & RT
STA. 240+02, SOLID LT (EDGELINES, CHARLOTTE ROAD)
STA. 240+02, SOLID LT (LANE LINE, CHARLOTTE ROAD)
STA. 240+81 TO 241+59, SOLID LT (PARKING & DIAGONALS)

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
RADI FOR SIDE ROADS)
STA. 237+50 TO 242+50, SOLID LT & RT
STA. 240+02, SOLID LT (EDGELINES, 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

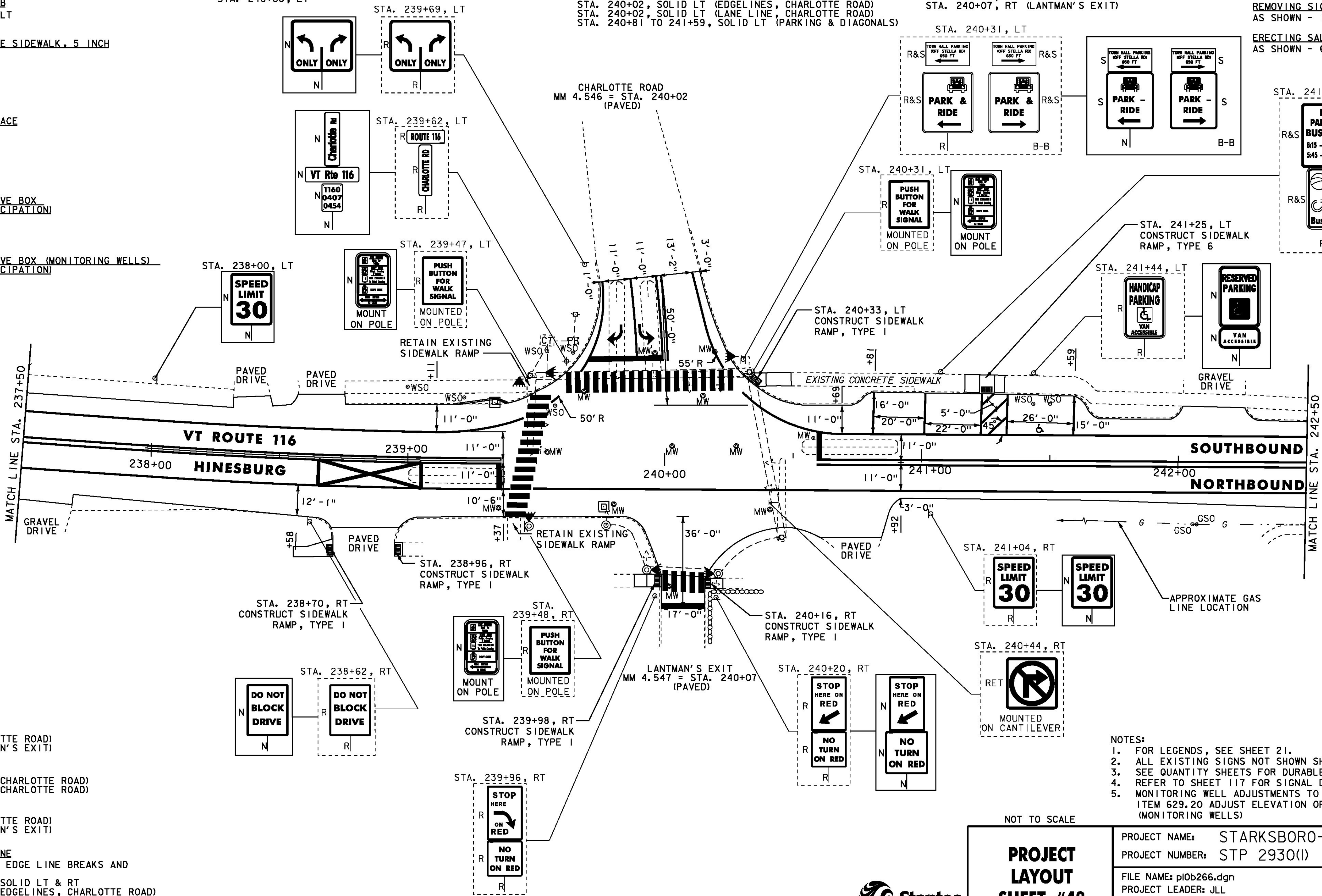
STA. 239+42, RT TO 239+52, LT
STA. 240+02, LT (CHARLOTTE ROAD)
STA. 240+07, RT (LANTMAN'S EXIT)

REMOVING SIGNS

AS SHOWN - 19

ERECTING SALVAGED SIGNS

AS SHOWN - 6



- 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 117 FOR SIGNAL DETAILS.
 5. 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
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i48.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 68 OF 119

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)

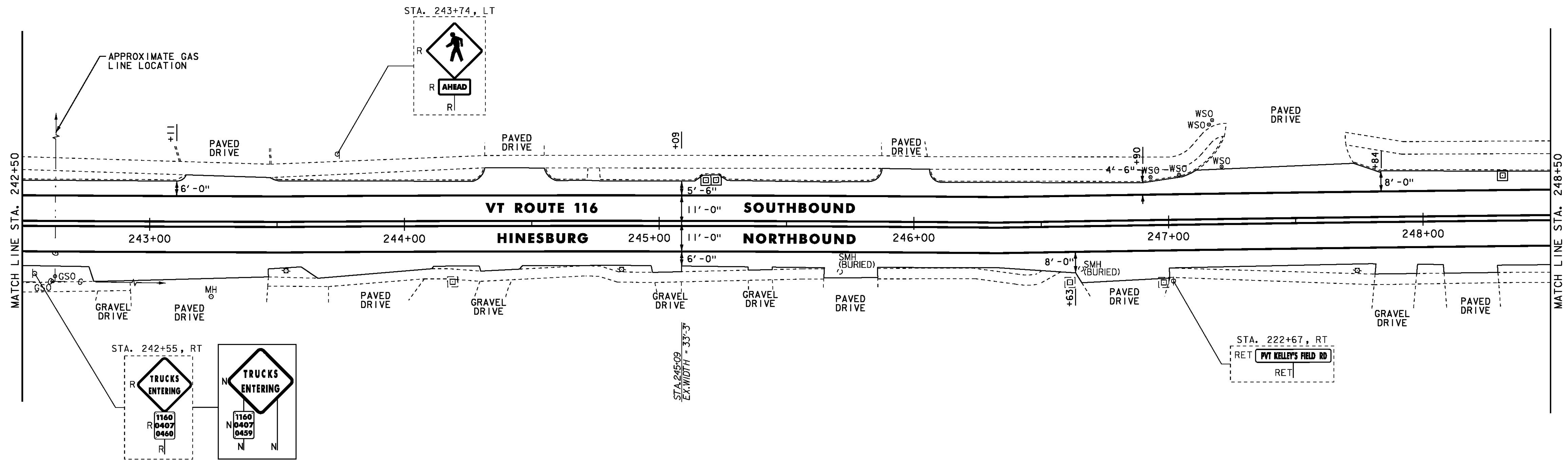
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 242+50 TO 248+50, SOLID LT & RT

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
RADI 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
PROJECT NUMBER:	STP 2930(I)
FILE NAME:	p10b266.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	STANTEC
IPARM FILE:	p10b266i49.i
PLOT DATE:	28-NOV-2012
DRAWN BY:	STANTEC
CHECKED BY:	MCF
SHEET	69 OF 119

REHAB. DIS. C&G 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 & BREAKS AND
RADI FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, SOLID RT (EDGE LINES, MECHANICSVILLE ROAD TH-2)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE & BREAKS FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, DOUBLE SOLID RT (MECHANICSVILLE ROAD TH-2)

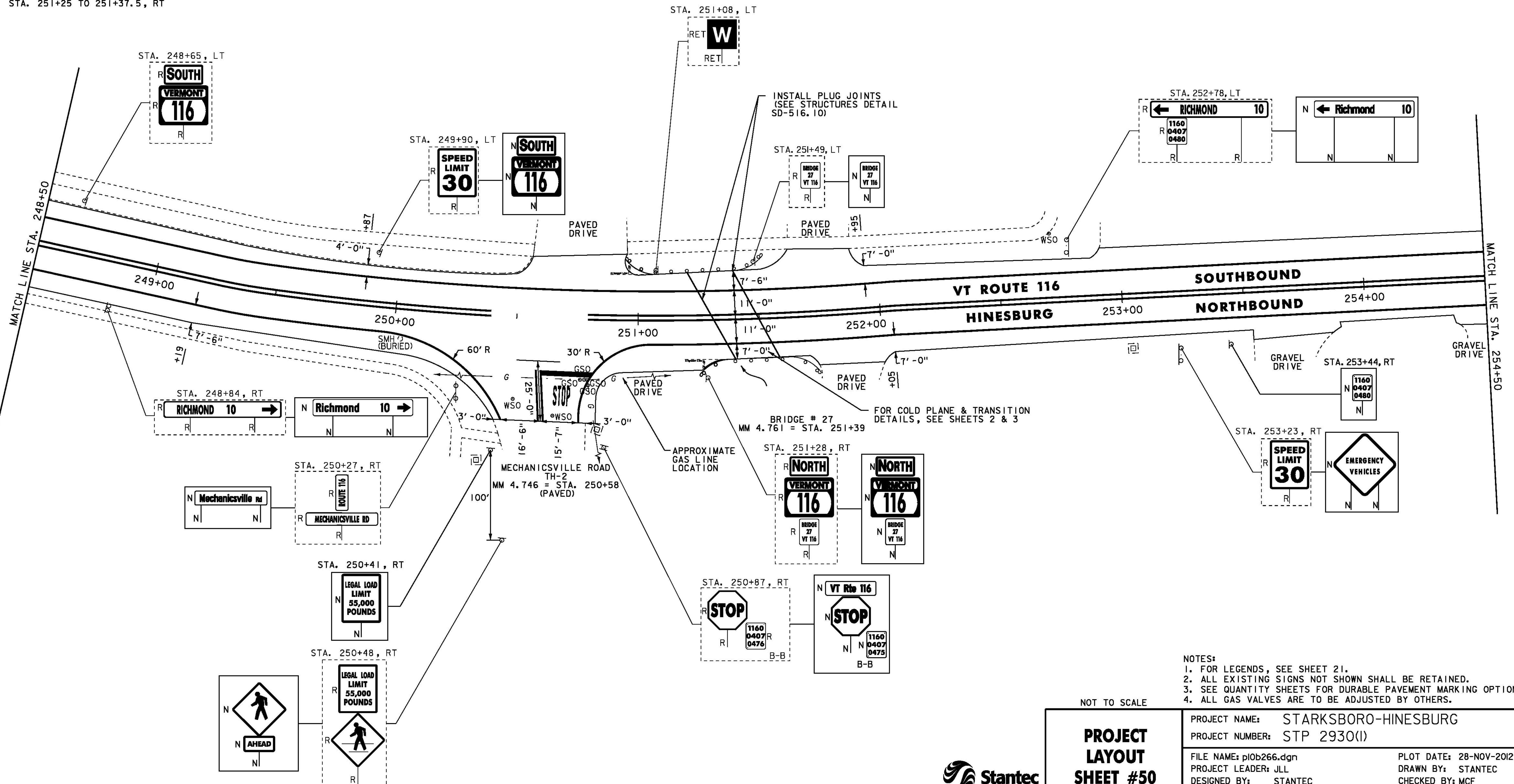
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 248+50 TO 254+50, SOLID LT & RT
STA. 250+58, SOLID RT (EDGE LINES, MECHANICSVILLE ROAD TH-2)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE & 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.

NOT TO SCALE

**PROJECT
LAYOUT
SHEET #50**



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

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266150.i

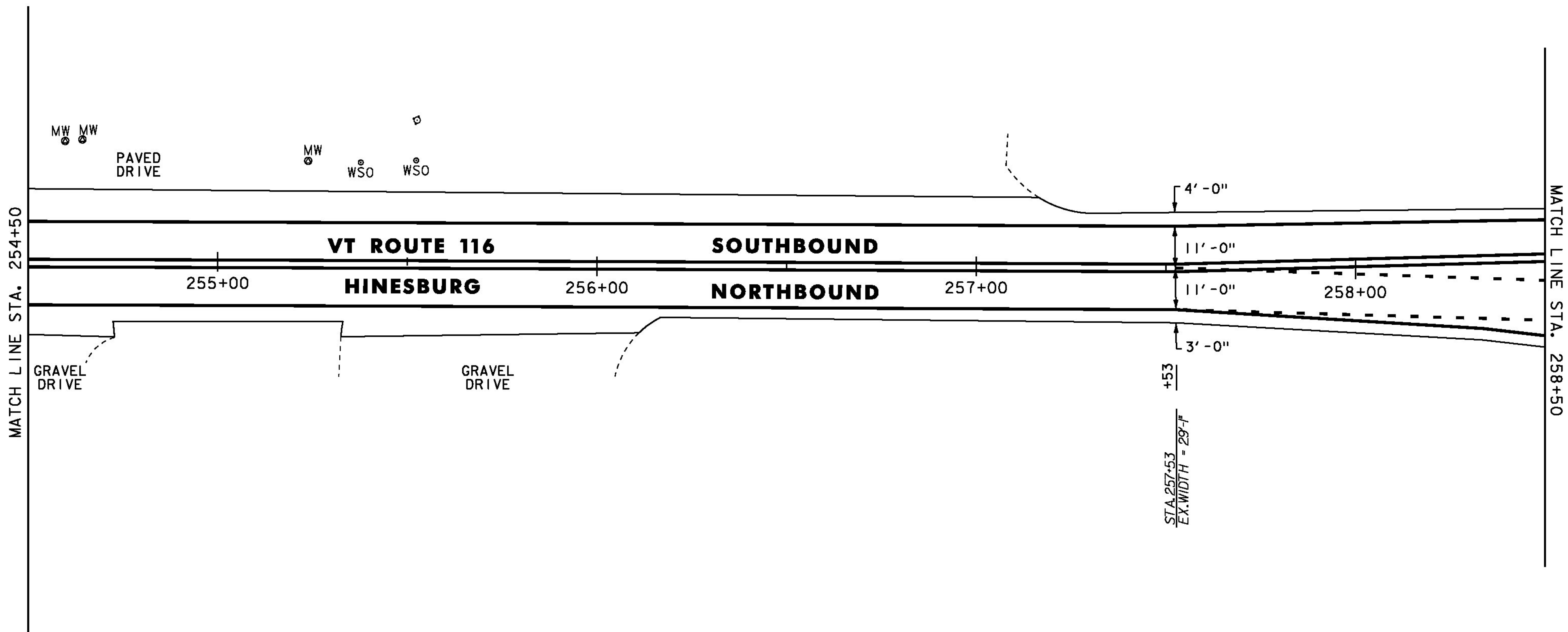
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 70 OF 119

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



NOT TO SCALE



**PROJECT
LAYOUT
SHEET #51**

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:	p10b266I51.i
PLOT DATE:	28-NOV-2012
DRAWN BY:	STANTEC
CHECKED BY:	MCF
SHEET	71 OF 119

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 C 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

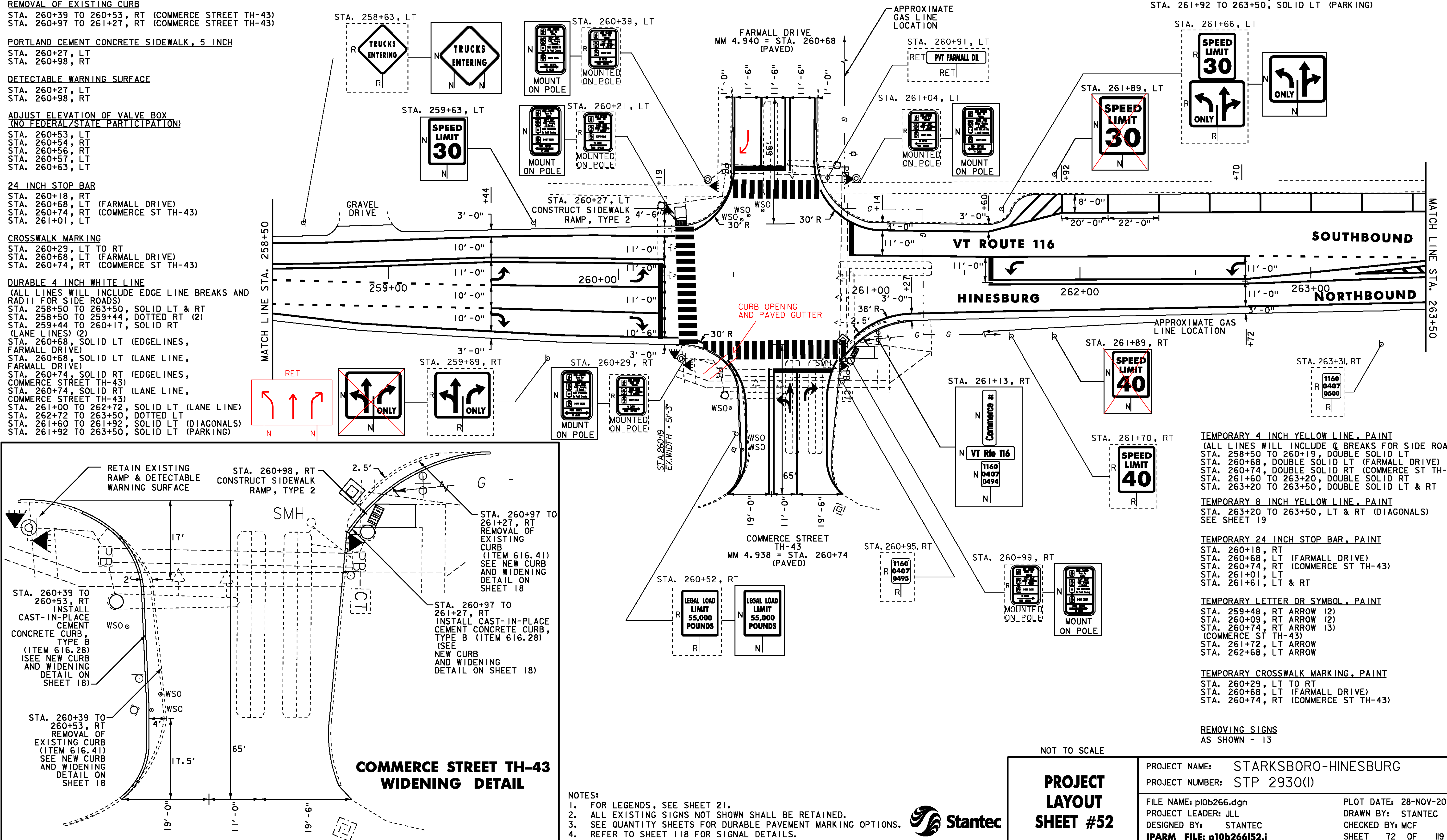
STA. 259+48, RT ARROW (2)
STA. 260+09, RT ARROW (2)
STA. 260+74, RT ARROW (3) (COMMERCE ST TH-43)
STA. 261+72, LT ARROW
STA. 262+68, LT ARROW

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:

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

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, LT
STA. 265+46.5 TO 265+71.5, RT

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
RADIII 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 @ 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
RADII 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

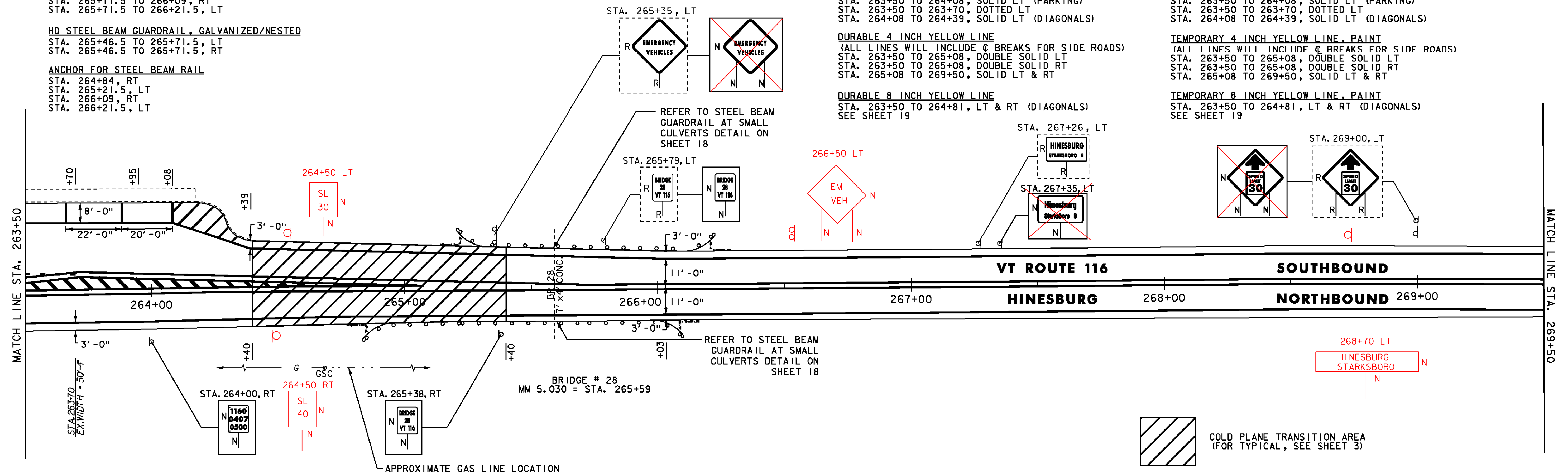
TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE 4' BREAKS FOR SIDE ROADS)
STA. 263+50 TO 265+08, DOUBLE SOLID LT
STA. 263+50 TO 265+08, DOUBLE SOLID RT
STA. 265+08 TO 269+50, SOLID LT & RT

TEMPORARY 8 INCH YELLOW LINE, PAINT

STA. 263+50 TO 264+81, LT & RT (DIAGONALS)
SEE SHEET 19

REMOVING SIGNS

AS SHOWN - 4



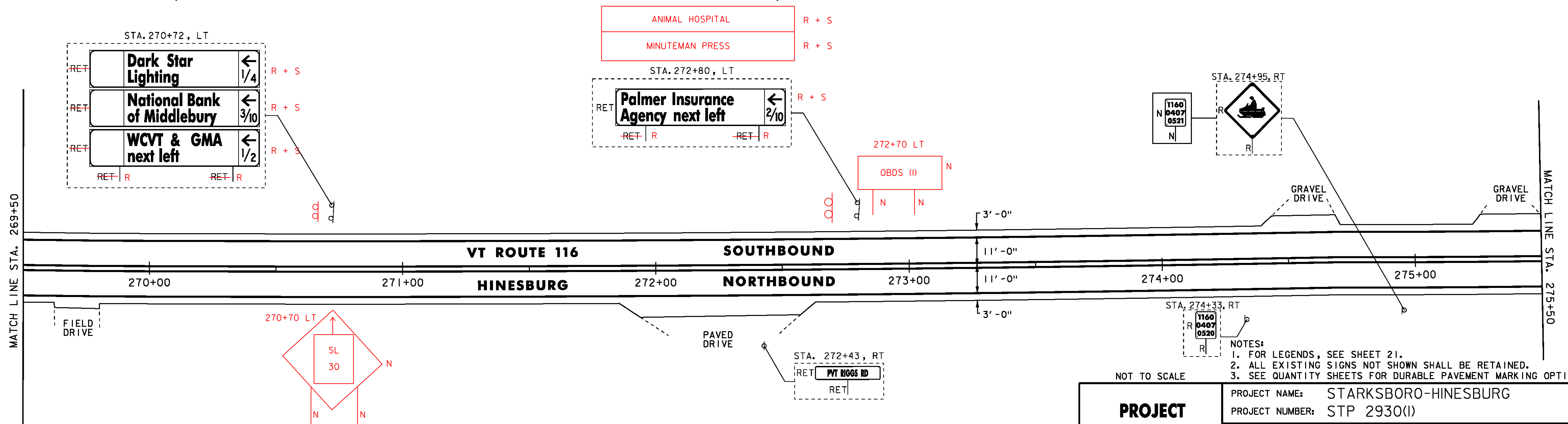
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

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
RADI1 FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE 6 BREAKS FOR SIDE ROADS)
STA. 269+50 TO 275+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

**PROJECT
LAYOUT
SHEET #53**

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

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266I53.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 73 OF 119



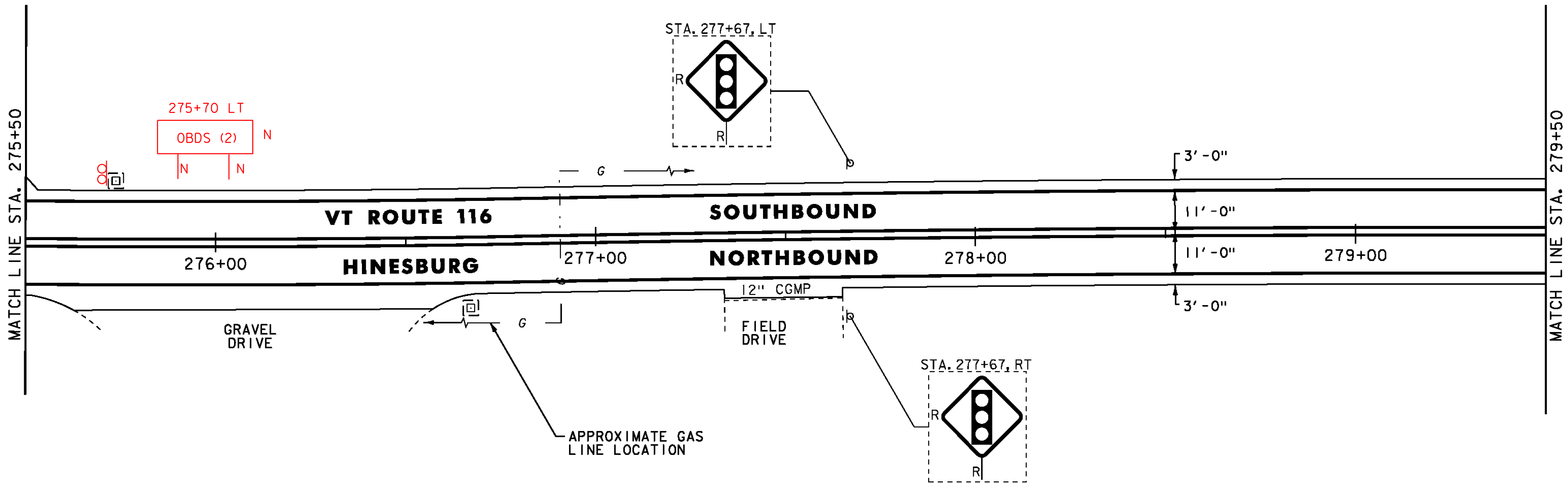
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 275+50 TO 279+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C 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
RADI FOR SIDE ROADS)
STA. 275+50 TO 279+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)
STA. 275+50 TO 279+50, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



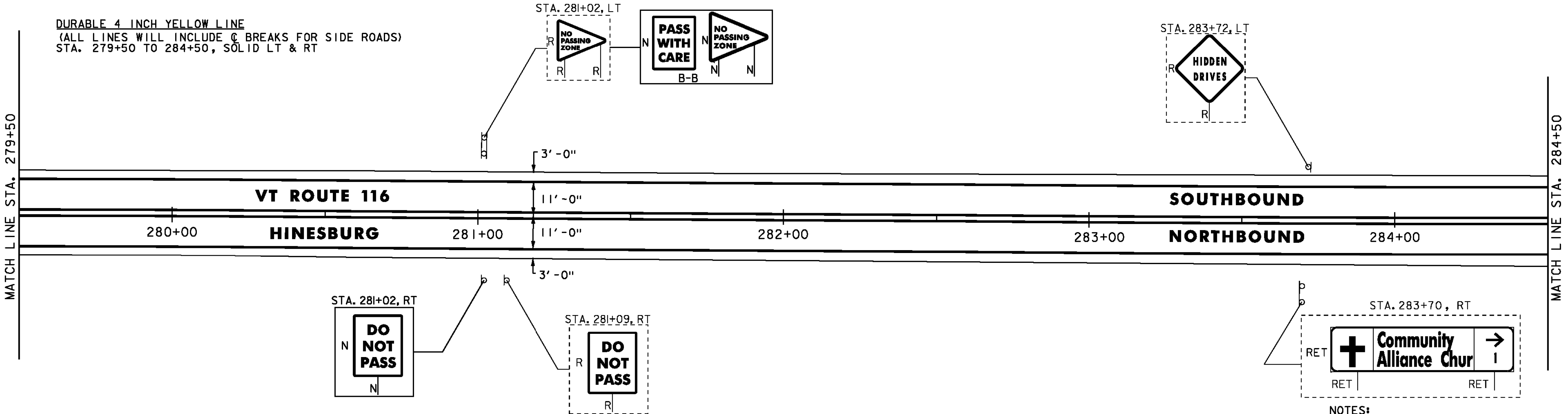
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 279+50 TO 284+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE C 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
RADI FOR SIDE ROADS)
STA. 279+50 TO 284+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C 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 I
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
RADI FOR SIDE ROADS)
STA. 284+50 TO 290+50, SOLID LT & RT
STA. 287+47, SOLID LT (EDGE LINES, SHELBURNE FALLS ROAD TH-1)
STA. 287+54, SOLID RT (EDGE LINES, 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
RADI FOR SIDE ROADS)
STA. 284+50 TO 290+50, SOLID LT & RT
STA. 287+47, SOLID LT (EDGE LINES, SHELBURNE FALLS ROAD TH-1)
STA. 287+54, SOLID RT (EDGE LINES, 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)

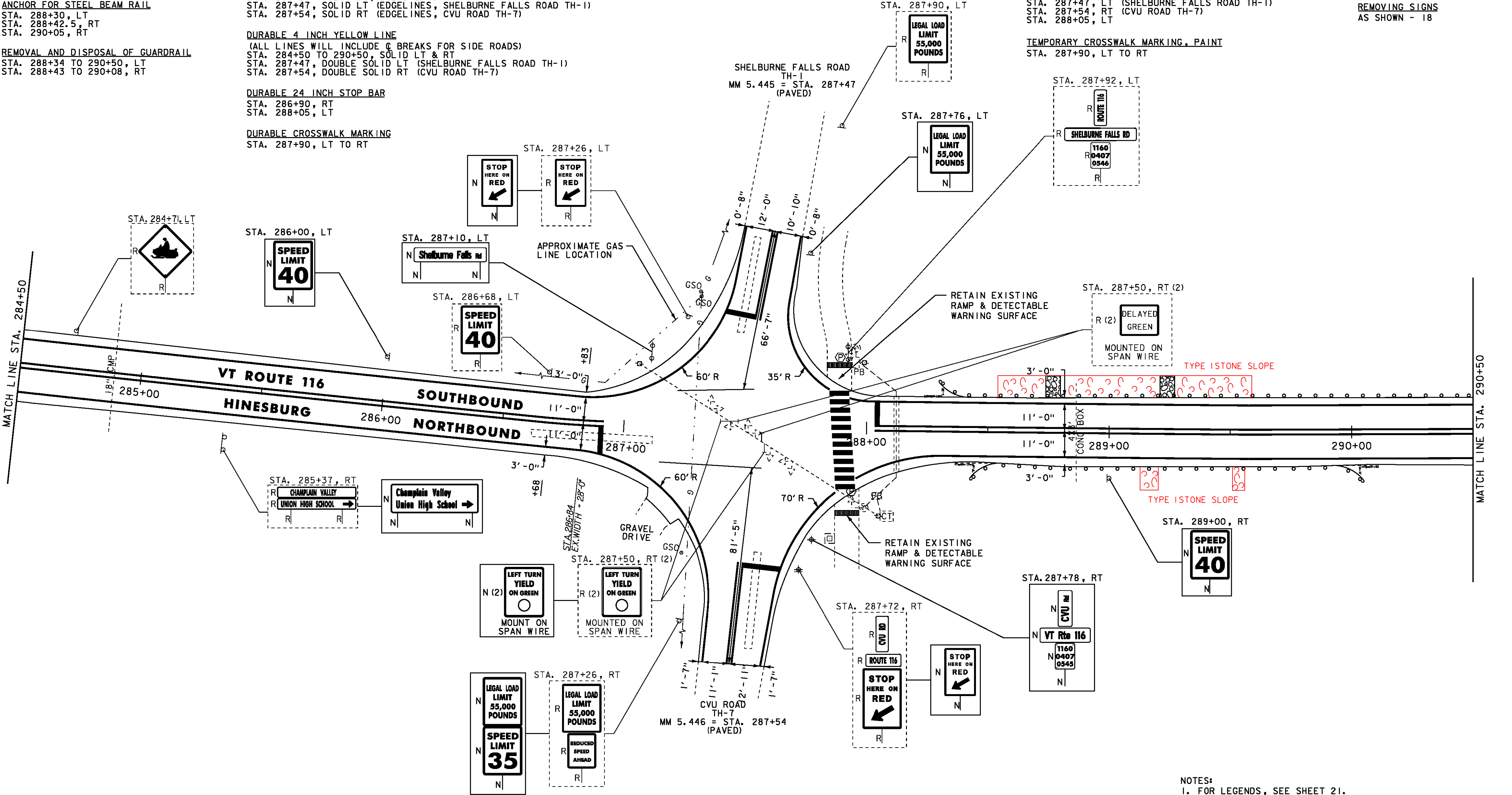
TEMPORARY 24 INCH STOP BAR, PAINT
STA. 286+90, RT
STA. 287+47, LT (SHELBURNE FALLS ROAD TH-1)
STA. 287+54, RT (CVU ROAD TH-7)
STA. 288+05, LT

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
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266155.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 75 OF 119



STEEL BEAM GUARDRAIL, GALVANIZED

STA. 290+50 TO 290+67.5, LT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS

STA. 292+00 TO 296+50, LT

REMOVAL AND DISPOSAL OF GUARDRAIL

STA. 290+50 TO 290+61, LT

STA. 291+98 TO 296+50, LT

ANCHOR FOR STEEL BEAM RAIL

STA. 290+67.5, LT

STA. 292+00, 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

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 WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR SIDE ROADS)

STA. 290+50 TO 296+50, SOLID LT & RT

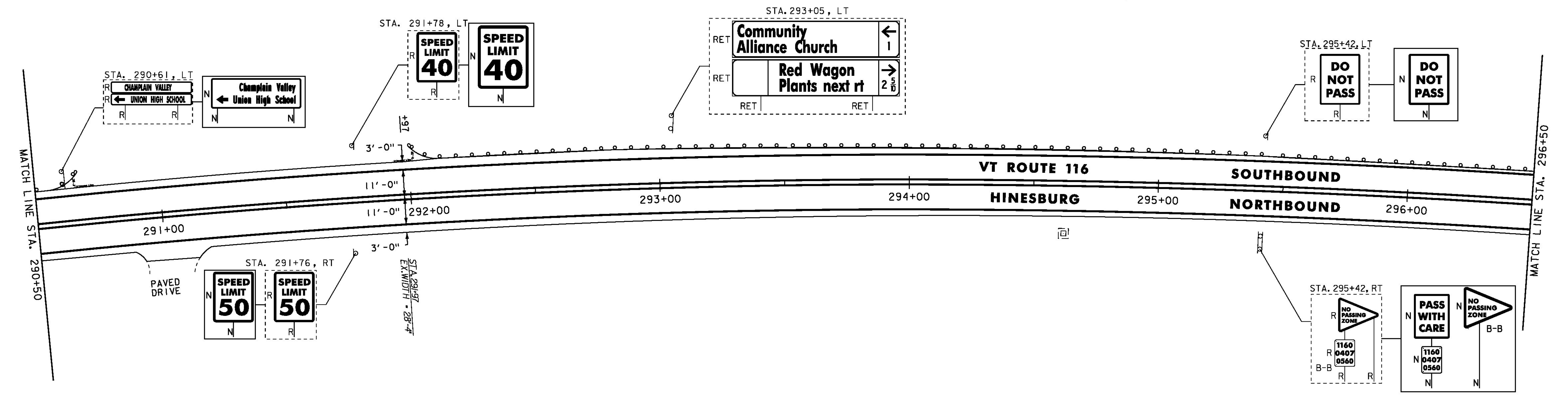
TEMPORARY 4 INCH YELLOW LINE, PAINT

(ALL LINES WILL INCLUDE C BREAKS FOR SIDE ROADS)

STA. 290+50 TO 296+50, SOLID LT & RT

REMOVING SIGNS

AS SHOWN - 7



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

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 WHITE LINE, PAINT

(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS 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

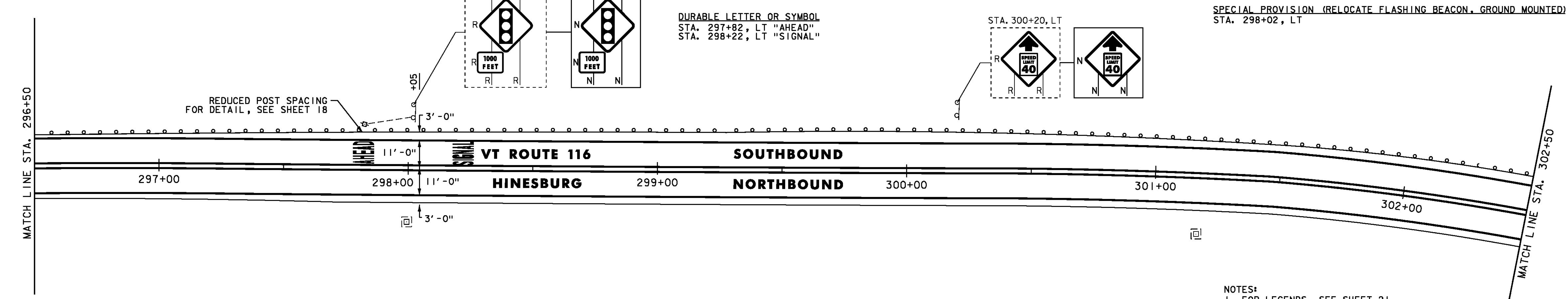
TEMPORARY LETTER OR SYMBOL, PAINT

STA. 297+82, LT "AHEAD"

STA. 298+22, LT "SIGNAL"

REMOVING SIGNS

AS SHOWN - 3



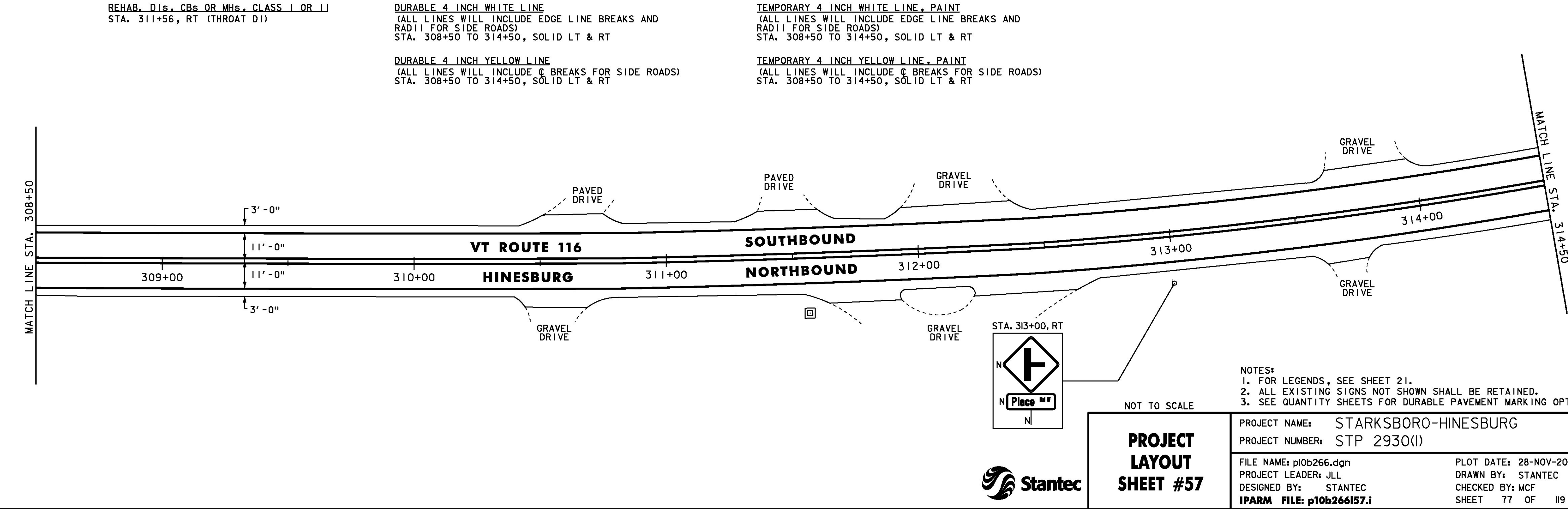
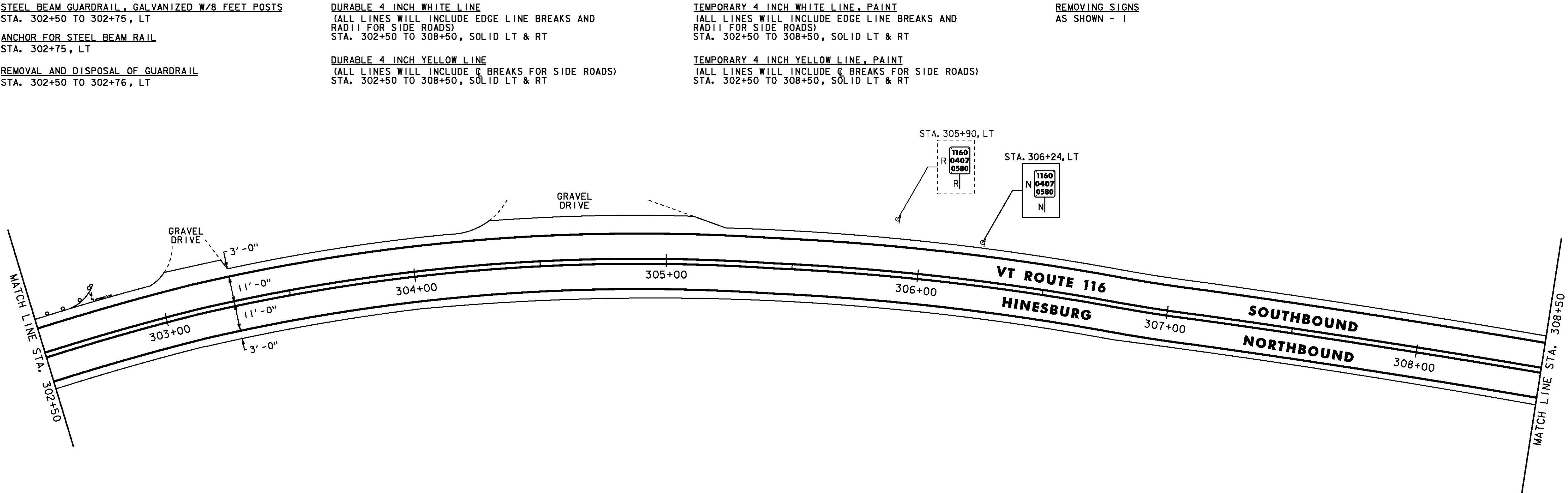
NOTES:
1. FOR LEGENDS, SEE SHEET 21.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE QUANTITY SHEETS FOR DURABLE PAYEMENT MARKING OPTIONS.

NOT TO SCALE



**PROJECT
LAYOUT
SHEET #56**

PROJECT NAME:	STARKSBORO-HINESBURG
PROJECT NUMBER:	STP 2930(I)
FILE NAME:	p10b266.dgn
PROJECT LEADER:	JLL
DESIGNED BY:	STANTEC
IPARM FILE:	p10b266156.i
PLOT DATE:	28-NOV-2012
DRAWN BY:	STANTEC
CHECKED BY:	MCF
SHEET	76 OF 119



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: p10b266I57.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 (EDGE LINES, PLACE ROAD WEST TH-15)

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE & BREAKS FOR SIDE ROADS)
STA. 314+50 TO 320+50, SOLID LT & RT
STA. 315+58, DOUBLE SOLID RT (PLACE ROAD WEST TH-15)

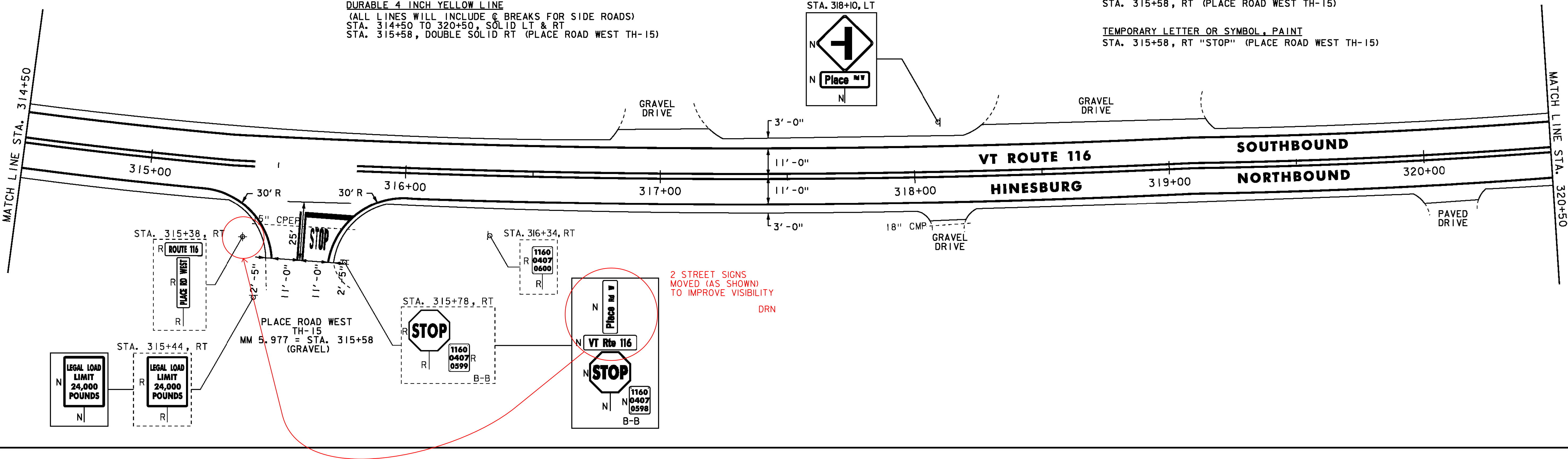
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 314+50 TO 320+50, SOLID LT & RT
STA. 315+58, SOLID RT (EDGE LINES, PLACE ROAD WEST TH-15)

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE & 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)



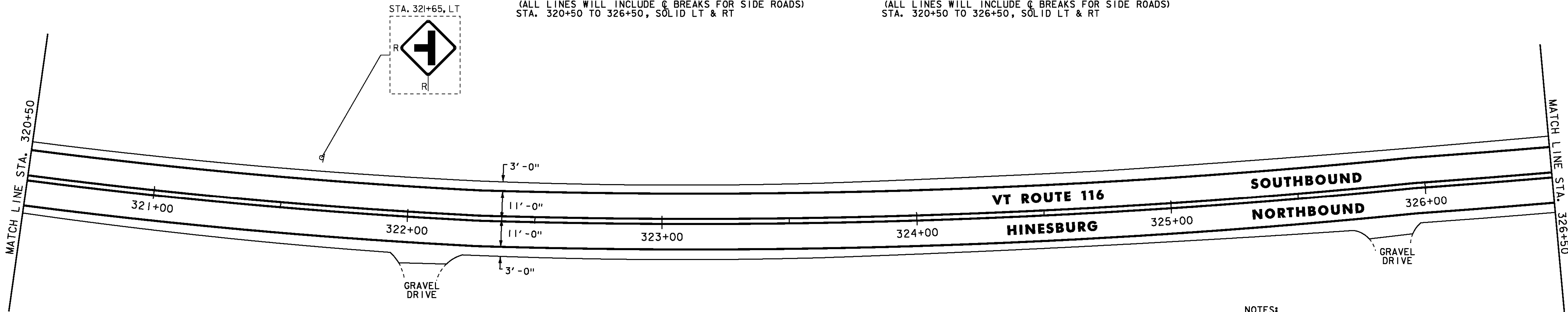
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 320+50 TO 326+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE & 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 & 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
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266158.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 78 OF 119

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
RADI 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

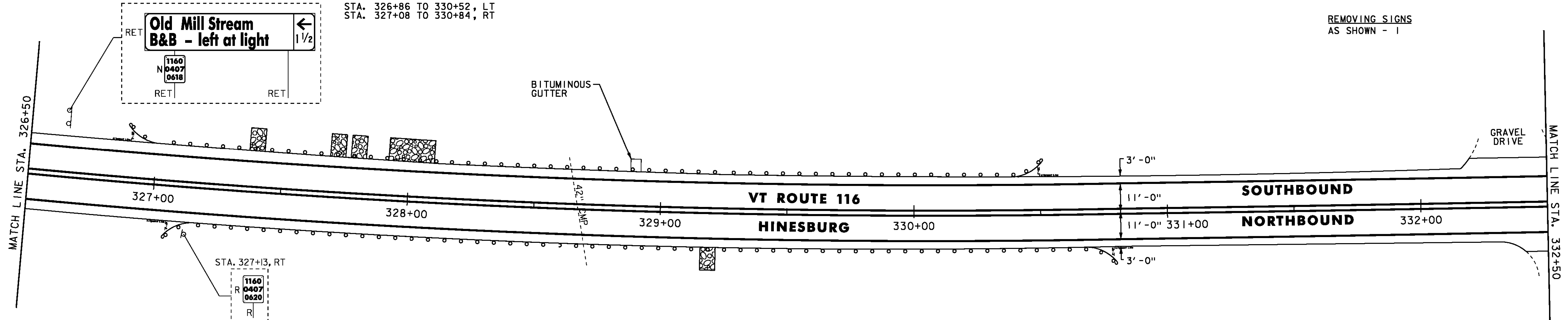
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 326+50 TO 332+50, SOLID LT & RT

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

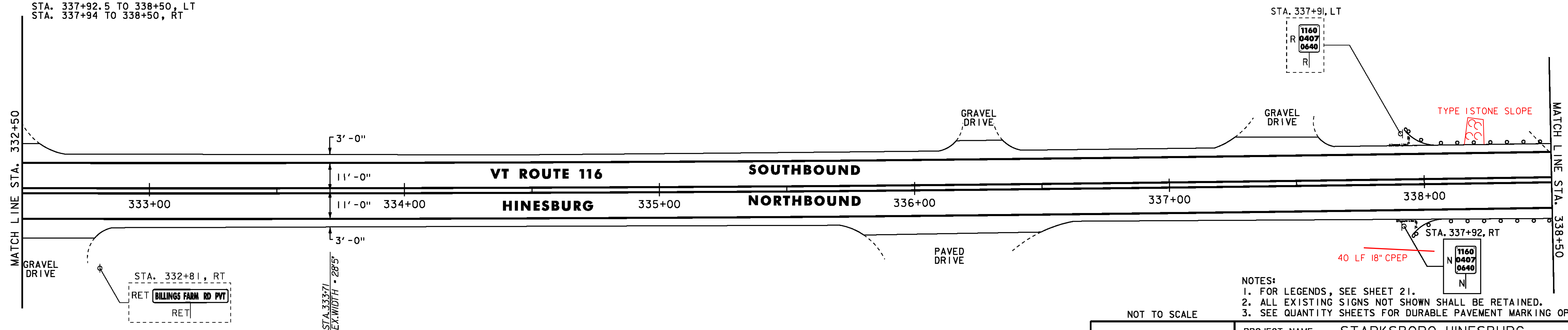
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI FOR SIDE ROADS)
STA. 332+50 TO 338+50, SOLID LT & RT

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
RADI 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

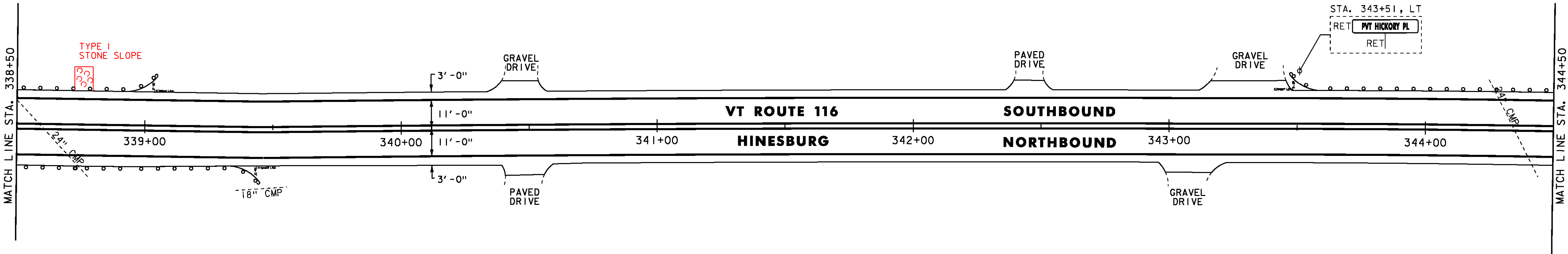
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 338+50 TO 339+08, LT
STA. 338+50 TO 339+46, RT
STA. 343+46.5 TO 344+50, LT

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

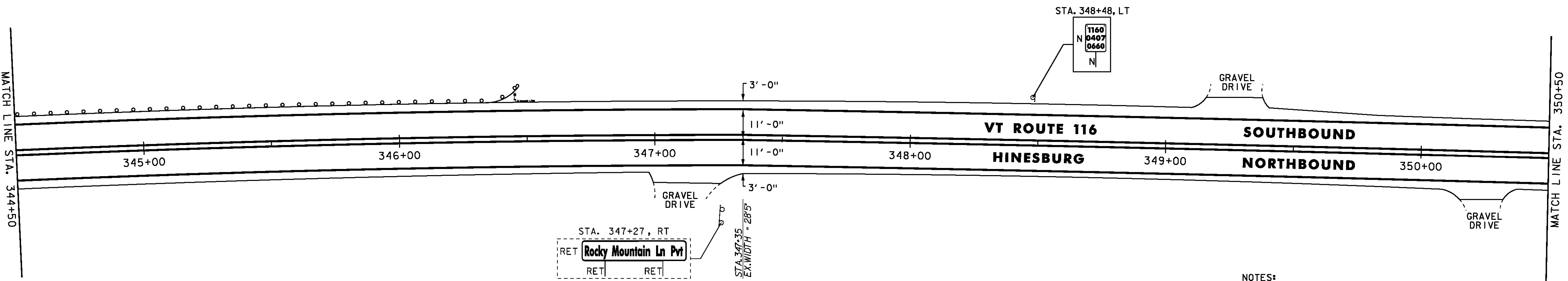
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 344+50 TO 346+46, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADI 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
RADI 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:	p10b266i60.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

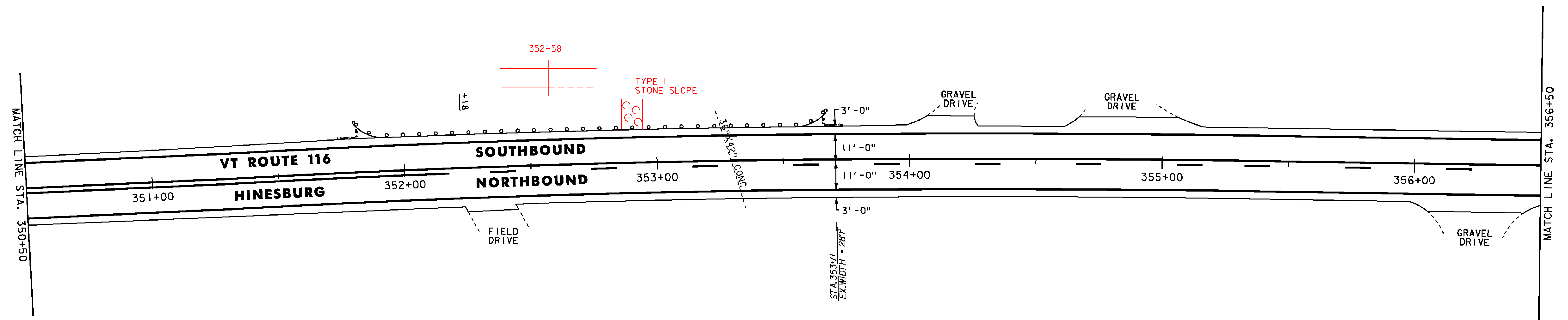
REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 351+78 TO 353+67, LT

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

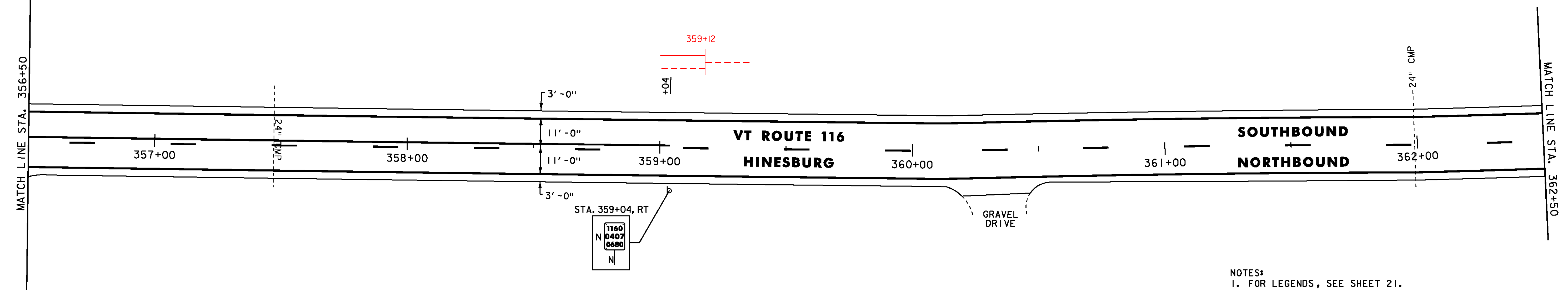


DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADII FOR SIDE ROADS)
STA. 356+50 TO 362+50, SOLID LT & RT

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



NOT TO SCALE

**PROJECT
LAYOUT
SHEET #61**



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: p10b266i61.i

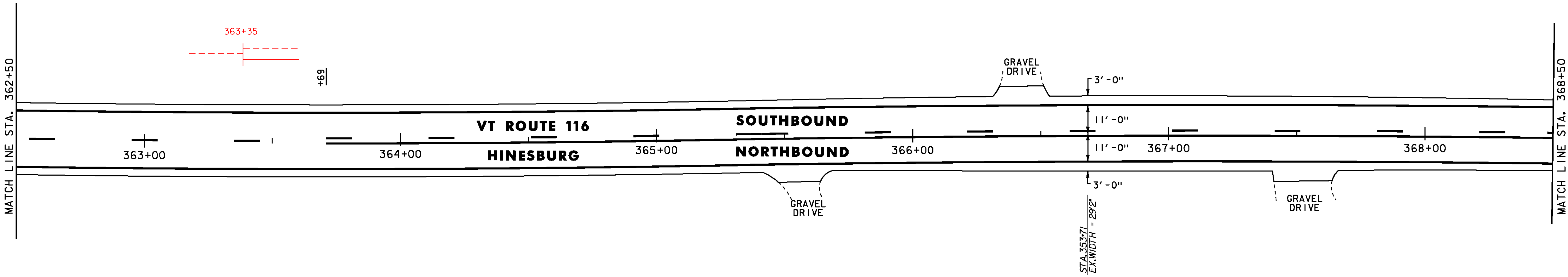
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 81 OF 119

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

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 WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 362+50 TO 368+50, SOLID LT & 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



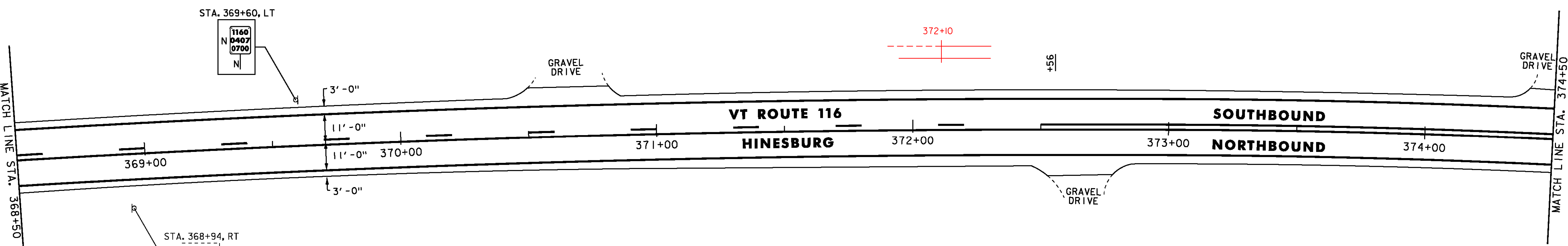
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 368+50 TO 374+50, SOLID LT & RT

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 WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 368+50 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

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 #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

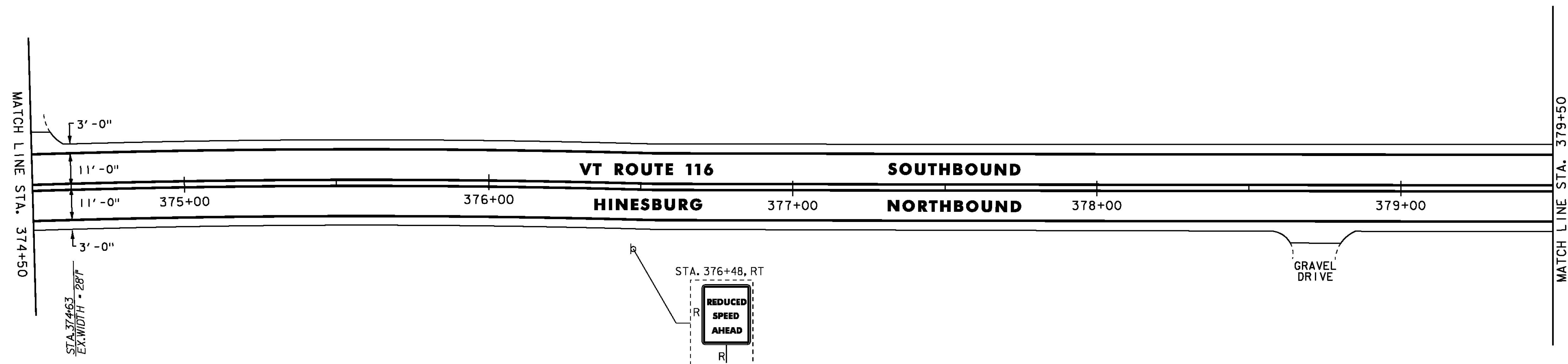
DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 374+50 TO 379+50, SOLID LT & RT

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

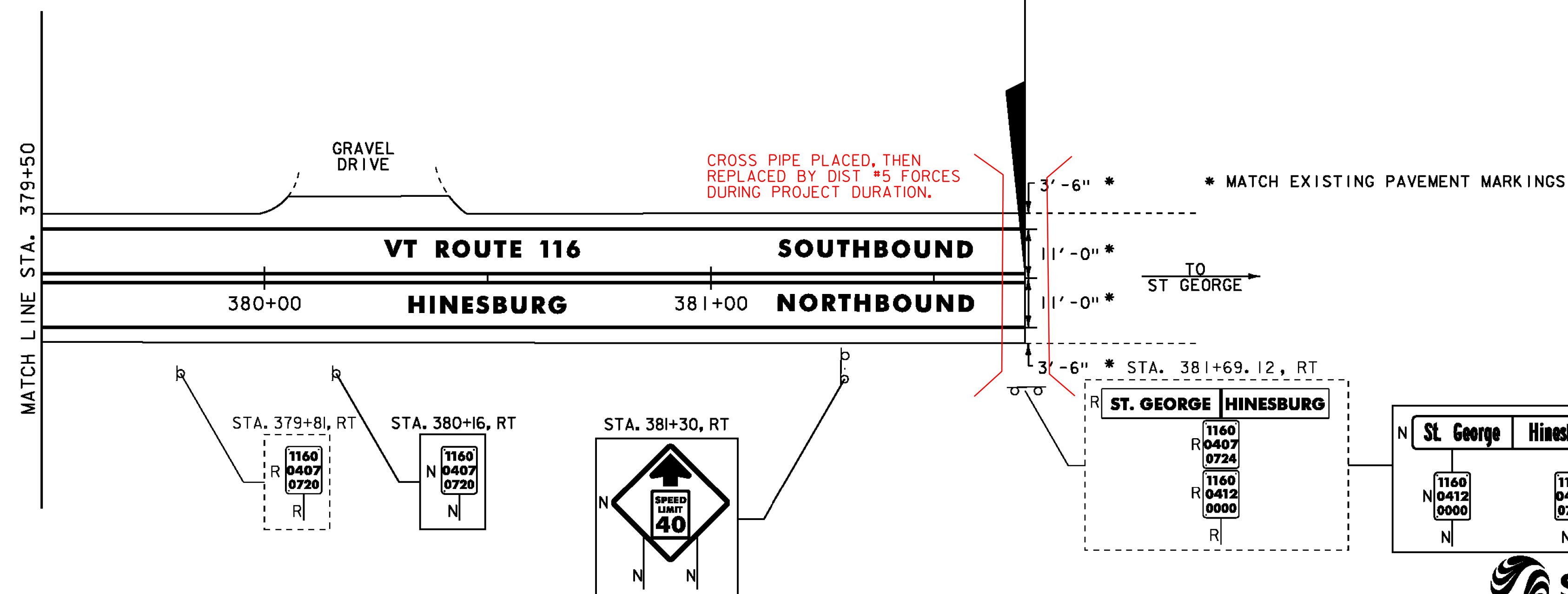
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND
RADIi FOR SIDE ROADS)
STA. 379+50 TO 381+69.12, SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 4

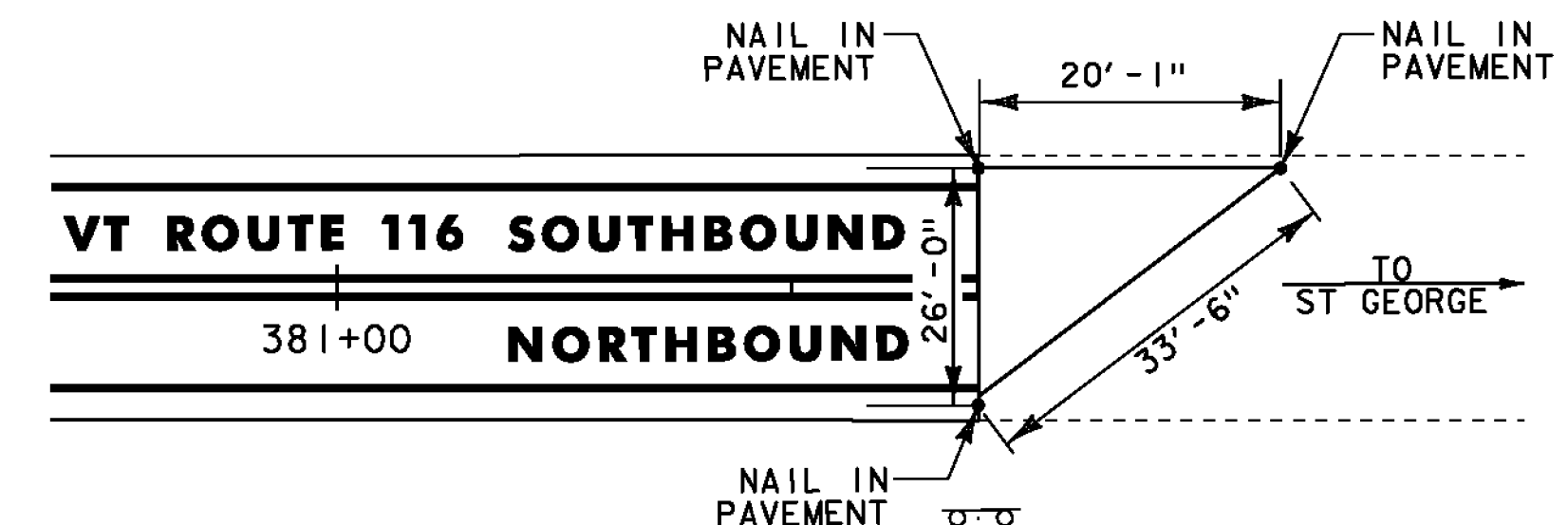
DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 379+50 TO 381+69.12, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE @ BREAKS FOR SIDE ROADS)
STA. 379+50 TO 381+69.12, SOLID LT & RT

**END STP 2930(1) VT ROUTE 116
HINESBURG STA. 381+69.12 = MM 7.229**



VT ROUTE 116 END PROJECT LOCATION TIES



- 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
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266i63.i

PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 83 OF 119



TRAFFIC SIGN SUMMARY SHEET 01

TRAFFIC SIGN SUMMARY SHEET #1

TRAFFIC SIGN SUMMARY SHEET 02

"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 SHEET AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET 03

[illegible]

TRAFFIC SIGN SUMMARY SHEET 04

[illegible]

TRAFFIC SIGN SUMMARY SHEET 05

TRAFFIC SIGN SUMMARY SHEET #5

TRAFFIC SIGN SUMMARY SHEET 06

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: pi0b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: pi0b266tss06.i	SHEET 89 OF 119

TRAFFIC SIGN SUMMARY SHEET 07

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: pi0b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: pi0b266tss07.i	SHEET 90 OF 119

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 08

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POST S	NEW SIGN POSTS																		REMARKS	SIGN DETAIL										
										FLANGED CHANNEL			SQUARE STEEL (In)				TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL					DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER								
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	1.75	2.0	2.5	ANCHOR	S L U E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE												
																								lb/ft	lb/ft							lb/ft	24"	30"					
HINESBURG																																							
21+12, LT		I	6	10	0.42					I				X			X																		VD-700			E-138	
27+19, RT		I	36	36	9.00					2					X		X																		VW-202			E-154	
31+68, RT		I	6	10	0.42					I				X			X																		VD-700			E-138	
38+62, LT		I	36	36	9.00					2					X		X																		VW-202			E-154	
40+79, RT		I	30	30	6.25					I							X		X																W2-2R	X			
		I	36	12	3.00																														W16-8P		112		
42+79, RT		I	72	12	6.00					2						X		X																	VDI-1a		112		
		I	72	12	6.00																														VDI-1a		112		
44+35, RT		I	30	30	6.25					I					X		X																		RI-1	X			
44+51, RT		I	24	30	5.00					I					X		X																		VR-017			E-141	
44+80, LT		I	48	24	8.00					2					X		X																		W1-7	X			
45+15, RT	 VT Rte 116 1160 0407 0086 B-B	I	36	12	3.00					I								X		X															D3-1 INSTALL STREET SIGNS 90 DEGREES TO EACH OTHER ABOVE STOP SIGN		113		
		I	42	12	3.50																														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											FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB														
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											FT			FT			LB				EA.	LB				EA.	EA.	LB											
TOTALS					SF	SF	EA.	SF			FT			FT			LB				EA.	LB				EA.	EA.	LB											
					72.51		I																																
																																	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: STANTEC			
																																	IPARM FILE: p10b266tss08.i			SHEET 91 OF 119			

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 09

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN		NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL										
				"A"	"B"	SALV SIGN	SALV TIS	SALVAGE	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										
		1.75	2.0								2.5	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE															
																				lb/ft	lb/ft			lb/ft					24"	30"								
																															1.2	2.0	3.0	1.88	2.42	3.35	1.3	1.7
HINESBURG																																						
46+68, RT		I	24	30	5.00					I					X		X																VR-656			E-140		
47+87, LT	 	I	30	12	2.50					I					X		X																R3-9DP	X				
		I	24	24	4.00																												R8-3	X				
47+87, LT	 	I	72	12	6.00					2					X		X																VDI-1a		113			
		I	72	12	6.00																												VDI-1a		113			
49+46, LT	 	I	30	12	2.50					I					X		X																	R3-9CP	X			
		I	24	24	4.00																												R8-3	X				
51+50, LT	 	I	30	30	6.25					I						X	X																	W2-2L	X			
		I	36	12	3.00																												W16-8P		112			
52+80, RT		I	6	10	0.42					I			X				X																	VD-700			E-138	
55+96, LT	 	I	36	12	3.00					1							X	X																D3-1 INSTALL STREET SIGNS 90 DEGREES TO EACH OTHER ABOVE STOP SIGN		113		
		I	42	12	3.50																													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											FT	FT	FT	FT	FT	FT	FT	EA	LB	LB	LB																	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."																																						

TRAFFIC SIGN SUMMARY SHEET 10

"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."						FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB			
										-31- 24.5	-46- 40.25	-32- 30.50												
	TOTALS	SF	SF	EA.	SF		FT	FT							LB	LB			EA.	LB			EA.	EA.
	40.34						109- 95.25																	

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: STARKSBORO-HINESBURG

PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn

PROJECT LEADER: JLL

DESIGNED BY: STANTEC

IPARM FILE: p10b266tss10.i

PLOT DATE: 28-NOV-2012

DRAWN BY: STANTEC

CHECKED BY: STANTEC

SHEET 93 OF 119

TRAFFIC SIGN SUMMARY SHEET 11

TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: pi0b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: pi0b266tss11.i	SHEET 94 OF 119

TRAFFIC SIGN SUMMARY SHEET 12

TRAFFIC SIGN SUMMARY SHEET #12

PROJECT NAME: STARKSBORO-HINESBURG	
PROJECT NUMBER: STP 2930(I)	
FILE NAME: pi0b266.dgn	PLOT DATE: 28-NOV-2012
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: pi0b266tss12.i	SHEET 95 OF 119

TRAFFIC SIGN SUMMARY SHEET 13

[illegible]

TRAFFIC SIGN SUMMARY SHEET 14

[illegible]

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST NO. OF POSTS		NEW SIGN POSTS																REMARKS	SIGN DETAIL													
											FLANGED CHANNEL				SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL																
		E	A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL															
													1.12	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	3.0	3.5	4.0	5.0	24"		30"	WEIGHT	POST SIZE											
												lb/ft				lb/ft			lb/ft			lb/ft																			
												1.88			2.42		3.35																								
												1.3			1.7		1.7																								
HINESBURG																																									
168+96, LT		I	6	10	0.42						I				X			X													VD-700			E-138							
174+14, RT		I	6	8	0.33						I				X			X													VD-701			E-134							
174+40, LT		I	6	8	0.33						I				X			X													VD-701			E-134							
175+32, RT		I	54	12	4.50						2					X		X													D3-1		113								
175+35, RT		I	24	30	5.00						I					X		X													VR-017			E-141							
176+40, RT		I	42	12	3.50						I							X	X												D3-1		112								
		I	30	30	6.25						I																				RI-1	X									
		I	6	10	0.42						I																					VD-700			E-138						
179+52, RT		I	6	10	0.42						I				X			X														VD-700			E-138						
189+17, LT		I	30	30	6.25						I					X		X														W11-5	X								
190+08, LT		I	6	10	0.42						I				X			X														VD-700			E-138						
197+71, RT		I	36	36	9.00						2					X		X														W3-5	X								
199+17, RT		I	30	18	3.75						I					X		X														VD-018		115							
200+64, RT		I	6	10	0.42						I				X			X														VD-700			E-138						
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS												FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB															
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												-61-46.5			-106-88.25		-16-13																								
TOTALS					SF		SF		EA.		SF		FT	FT			-183-147.75			LB				EA.	LB				EA.	EA.	LB		TRAFFIC SIGN SUMMARY SHEET #15			PROJECT NAME: STARKSBORO-HINESBURG PROJECT NUMBER: STP 2930(1) 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 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	S SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
												FLANGED CHANNEL								TUBULAR ALUMINUM				TUBULAR STEEL								W-SHAPE STEEL			
		E	A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN				SALV TIS	lb/ft	1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE	DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
		A	(In)	(In)	"A"	"B"	SALV SIGN	SALV TIS				1.2	2.0	3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6	24"	30"									
HINESBURG																																			
203+28, RT		I	30	36	7.50						I					X		X									R2-I	X							
203+28, LT		I	24	30	5.00						I					X		X									R2-I	X							
205+22, RT		I	48	12	4.00						2					X		X									D3-I		I13						
205+38, RT		I	24	30	5.00						I					X		X									VR-017			E-I41					
205+80, RT	 	I	42	12	3.50																						D3-I		I12	E-I38					
		I	30	30	6.25							I					X		X								RI-I	X							
		I	6	10	0.42																							VD-700							
210+79, RT		I	30	30	6.25						I					X		X									WI-2L	X							
211+20, LT		I	6	10	0.42						I			X				X									VD-700			E-I38					
213+57, RT		I	36	36	9.00						2					X		X									W3-5	X							
215+89, LT		I	24	30	5.00						I					X		X									R2-I	X							
215+89, RT		I	30	36	7.50						I					X		X									R2-I	X							
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS												FT	FT	FT	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB					TRAFFIC SIGN SUMMARY SHEET #16	PROJECT NAME: STARKSBORO-HINESBURG PROJECT NUMBER: STP 2930(I)		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."					TOTALS	SF	SF	EA.	SF		FT	FT				LB				EA.	LB				EA.	EA.	LB	FILE NAME: p10b266.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p10b266tss16.i			PLOT DATE: 28-NOV-2012 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 99 OF 119				

TRAFFIC SIGN SUMMARY SHEET 17

[illegible]

TRAFFIC SIGN SUMMARY SHEET 18

TRAFFIC SIGN SUMMARY SHEET #18

TRAFFIC SIGN SUMMARY SHEET 19

TRAFFIC SIGN SUMMARY SHEET #19

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: STANTEC
IPARM FILE: p10b266tss19.i	SHEET 102 OF 119

TRAFFIC SIGN SUMMARY SHEET 20

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RE TAIN	S AL V A G E	NO. OF P O S T S	NEW SIGN POSTS																RE M A R K S	SIGN DETAIL														
												FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL																		
		E A	WIDTH (In)	HEIGHT (In)	“A”	“B”	SALV SIGN	SALV TIS																					1.75	2.0	2.5	ANCHOR	S L E E V E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE	
												24"	30"																														
												1.12	2.0	3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6	24"	30"																	
HINESBURG																																											
240+20, RT		I	24	36	6.00	9-II					I																						RIO-6	X									
		I	36	36	9.00	9-II																											RIO-IIb	X									
240+31, LT		I	9	15	0.94																												RIO-3e	MOUNT ON SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X								
240+31, LT		B-B									I																																
241+04, RT		I	24	30	5.00						I																						R2-I	X									
241+08, LT											I																																
241+44, LT		I	12	18	1.50																													R7-8	X								
		I	18	9	1.13																													R7-8P	X								
242+55, RT		I	36	36	9.00																														VW-202		E-154						
		I	6	10	0.42																														VD-700		E-138						
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS											FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB																		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											FT			FT					LB				EA.			LB	EA.	EA.	LB														
TOTALS					SF	SF	EA.	SF			FT	FT			FT					LB				EA.			EA.	LB															
					-32.99- 34.87		6- 9								-92- 100.5					92				92																			
																					TRAFFIC SIGN SUMMARY SHEET #20			PROJECT NAME: STARKSBORO-HINESBURG PROJECT NUMBER: STP 2930(I) FILE NAME: p10b266.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p10b266tss20.i										PLOT DATE: 28-NOV-2012 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 103 OF 119									

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 21

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POST S	NEW SIGN POSTS																REMARKS	SIGN DETAIL																						
				"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																						
		1.75	2.0								2.5	ANCHOR	SLUVE	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE						WEIGHT	POST SIZE																				
																						lb/ft	lb/ft							lb/ft	24"	30"																	
																																	1.12	2.0	3.0	1.88	2.42	3.35	1.3	1.7	1.7	7.6	9.0	10.8	14.6				
HINESBURG																																																	
248+84, RT		I	72	12	6.00					2				X		X														VDI-1a		114																	
249+90, LT		I	24	12	2.00					1				X		X														M3-3			E-136B																
		I	30	24	5.00																								MI-5			E-136B																	
250+27, RT		I	60	12	5.00					2				X		X														D3-1		114																	
250+41, RT		I	24	30	5.00					1				X		X														VR-017			E-141																
250+48, RT		I	30	30	6.25				X	1				X		X														W11-2 (FLUORESCENT YELLOW-GREEN)	X																		
		I	24	12	2.00																								W16-9P (FLUORESCENT YELLOW-GREEN)	X																			
250+87, RT		I	42	12	3.50																									D3-1		112																	
		I	30	30	6.25					1				X		X													RI-1	X																			
		I	6	10	0.42																								VD-700			E-138																	
251+28, RT		I	24	12	2.00									X		X														M3-1	X																		
		I	30	24	5.00					1																			MI-5			E-136B																	
		I	6	8	0.33																								VD-701			E-134																	
251+49, LT		I	6	8	0.33					1			X			X														VD-701			E-134																
252+78, LT		I	72	12	6.00					2				X		X														VDI-1a		114																	
253+23, RT		I	36	36	9.00					2				X		X														VW-544			E-154																
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS											FT	FT	FT	FT	FT	FT	EA	LB	LB	LB		LB	LB	LB	LB																								
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."											-11- 6.25			-191- 125.5			-16- 13.75																																
TOTALS					SF	SF	EA	SF			FT	FT					LB					EA	LB				EA	EA	LB																				
					64.08- 44.58		1					-218- 145.5																																					
TRAFFIC SIGN SUMMARY SHEET #21																														PROJECT NAME: STARKSBORO-HINESBURG		PROJECT NUMBER: STP 2930(I)		FILE NAME: p10b266.dgn		PROJECT LEADER: JLL		DESIGNED BY: STANTEC		IPARM FILE: p10b266tss21.i		PLOT DATE: 28-NOV-2012		DRAWN BY: STANTEC		CHECKED BY: STANTEC		SHEET 104 OF 119	

TRAFFIC SIGN SUMMARY SHEET 22

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE REPLACE	NO. OF POSTS	NEW SIGN POSTS																REPLACEMENT FRAME REQUIRED	REMARKS	SIGN DETAIL											
												FLANGED CHANNEL								TUBULAR ALUMINUM				TUBULAR STEEL									W-SHAPE STEEL								
		E	A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN				SALV TIS	lb/ft			lb/ft			ANCHOR	SLEEVE	Ø (in)			Ø (in)			FTG. SIZE			WEIGHT	POST SIZE	DETAIL IN SHSM BOOK	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER							
													1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD	3.0	4.0	4.0	5.0								24"	30"					
HINESBURG																																									
253+44, RT		I	6	10	0.42						1				X			X														VD-700			E-I38						
258+63, LT		I	36	36	9.00						2					X		X														VW-202			E-I54						
259+63, LT		I	24	30	5.00						1					X		X														R2-I	X								
259+69, RT		I	36	30	7.50						1					X		X															VR-922			E-I45A					
260+21, LT		I	9	15	0.94																												RIO-3e MOUNT ON SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X							
260+29, RT		I	9	15	0.94																													RIO-3e MOUNT ON SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X						
260+39, LT		I	9	15	0.94																													RIO-3e MOUNT ON SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X						
260+52, RT		I	24	30	5.00						1				X		X																	VR-017			E-I41				
260+99, RT		I	9	15	0.94																													RIO-3e MOUNT ON SIGNAL POLE USING NEW MOUNTING HARDWARE (INCIDENTAL TO SIGN)	X						
"SHSM"-STANDARD HIGHWAY SIGNS AND MARKINGS												FT	FT	FT	FT	FT	FT	/EA		LB	LB	LB	LB																		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."					SF	SF	EA.	SF				FT	FT			FT			EA.	LB			LB			EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #22			PROJECT NAME: STARKSBORO-HINESBURG PROJECT NUMBER: STP 2930(I)									
TOTALS					30.68 23.18		I				FT	FT			FT			EA.	LB			LB			EA.	EA.	LB	FILE NAME: p10b266.dgn PROJECT LEADER: JLL DESIGNED BY: STANTEC IPARM FILE: p10b266tss22.i				PLOT DATE: 28-NOV-2012 DRAWN BY: STANTEC CHECKED BY: STANTEC SHEET 105 OF 119									

TRAFFIC SIGN SUMMARY SHEET 23

[illegible]

TRAFFIC SIGN SUMMARY SHEET 24

TRAFFIC SIGN SUMMARY SHEET #24

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: STANTEC
IPARM FILE: p10b266tss24.i	SHEET 107 OF 119

TRAFFIC SIGN SUMMARY SHEET 25

TRAFFIC SIGN SUMMARY SHEET #25

TRAFFIC SIGN SUMMARY SHEET 26

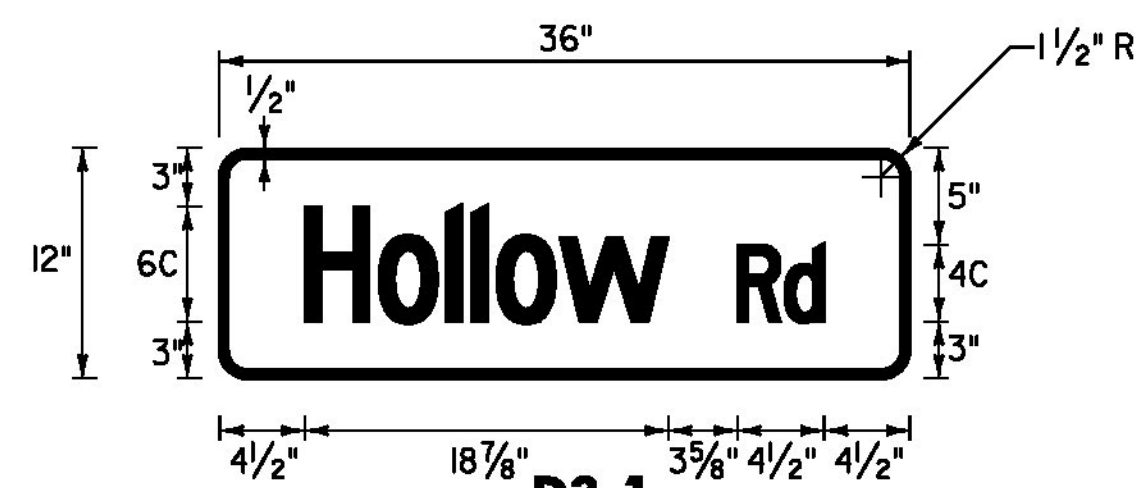
[illegible]

TRAFFIC SIGN SUMMARY SHEET 27

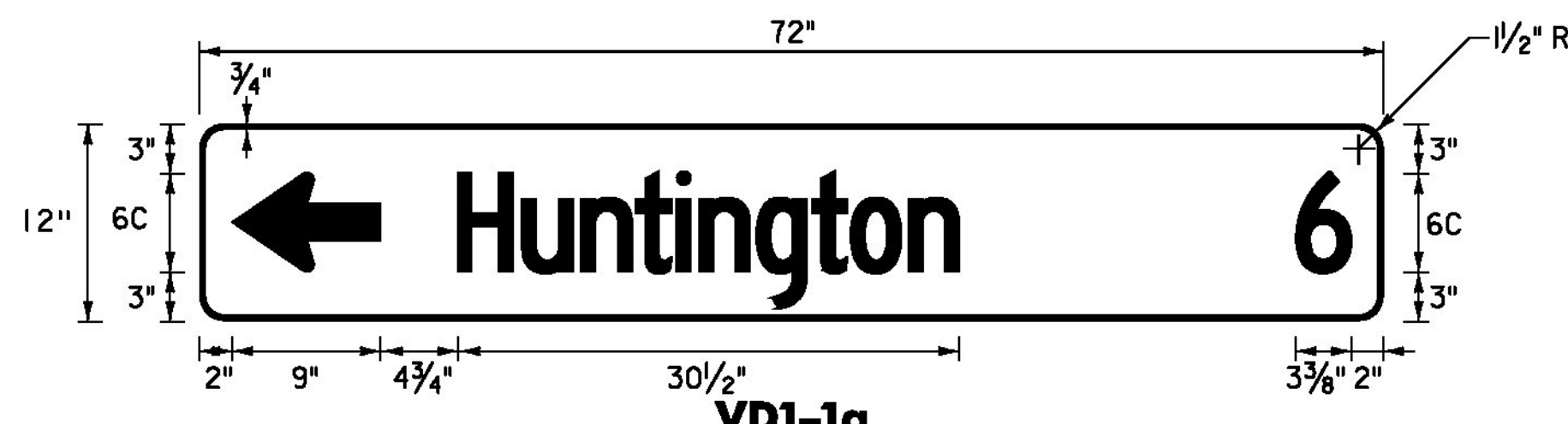
[illegible]

TRAFFIC SIGN SUMMARY SHEET 28

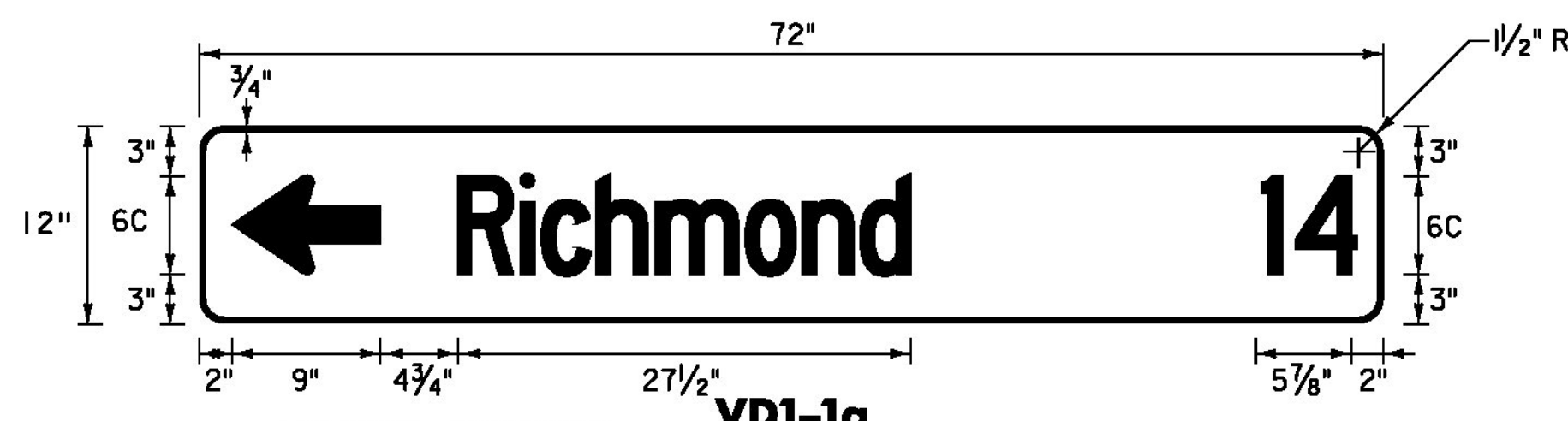
[illegible]



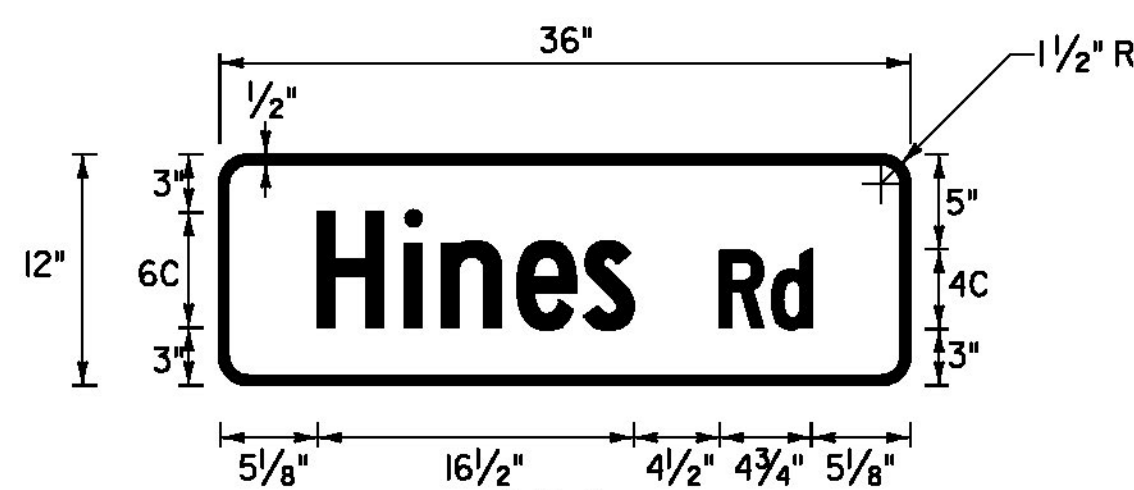
LOCATION: HINESBURG
STA. 45+15, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



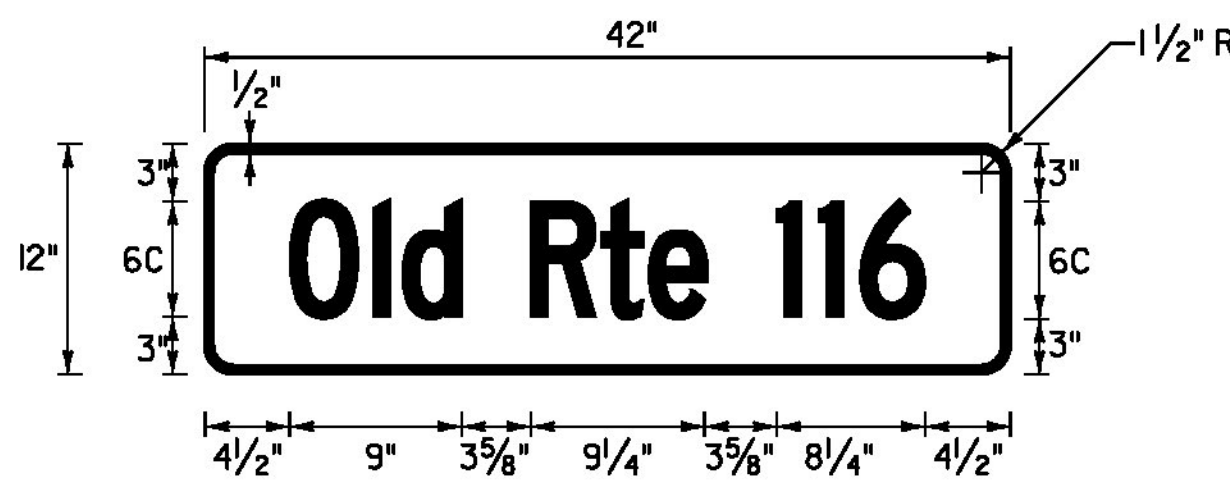
LOCATION: HINESBURG
STA. 47+87, LT.
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125" FLAT SHEET ALUMINUM



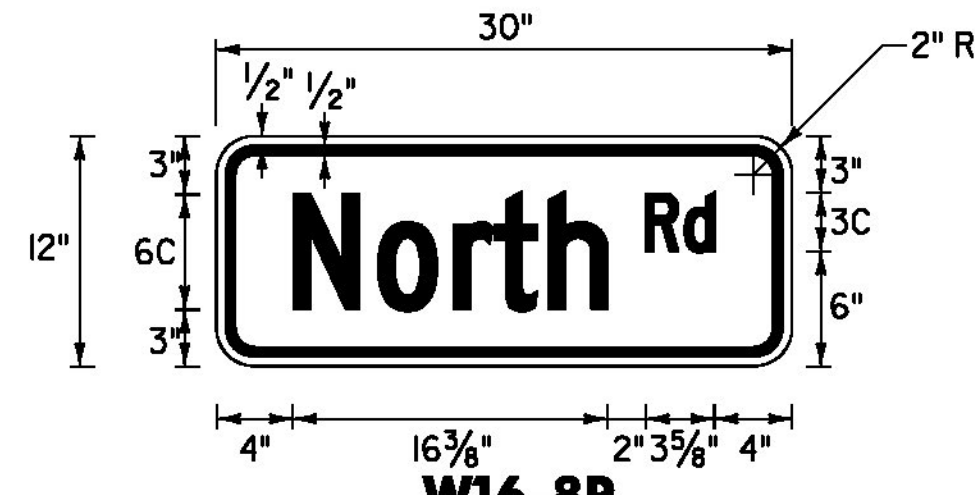
LOCATION: HINESBURG
STA. 47+87, LT.
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125" FLAT SHEET ALUMINUM



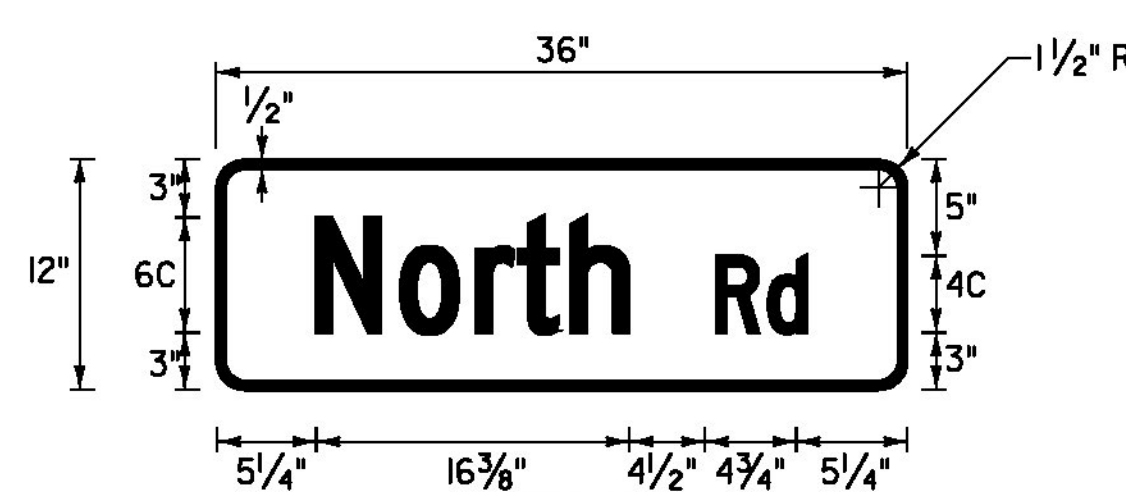
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STA. 55+96, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



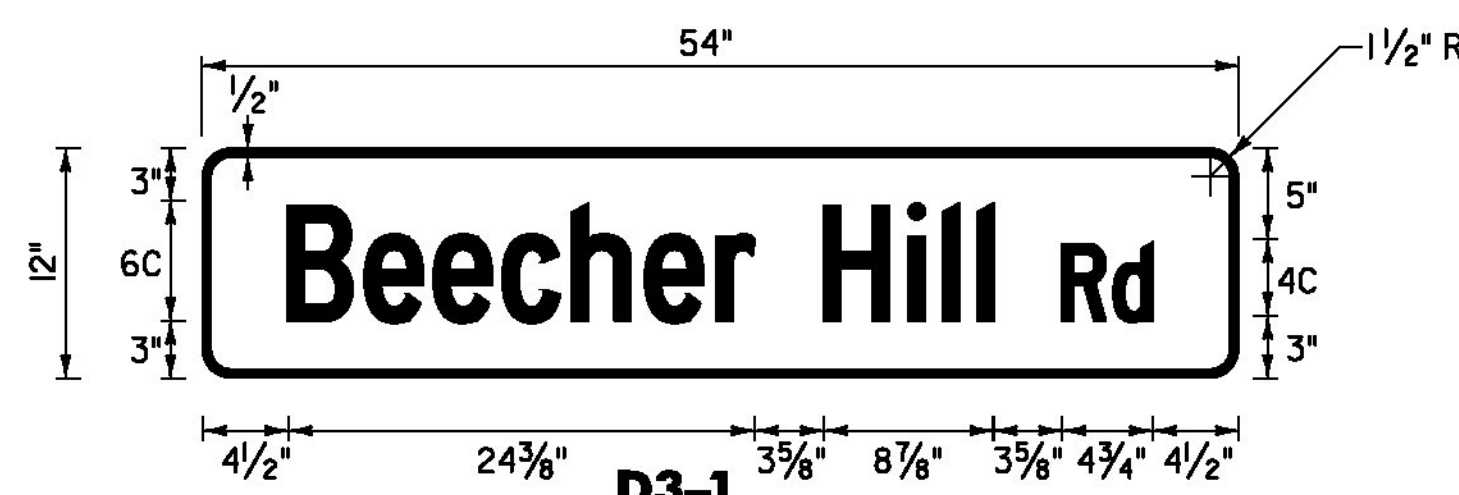
LOCATION: HINESBURG
STA. 67+52, RT
STA. 88+03, RT
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GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



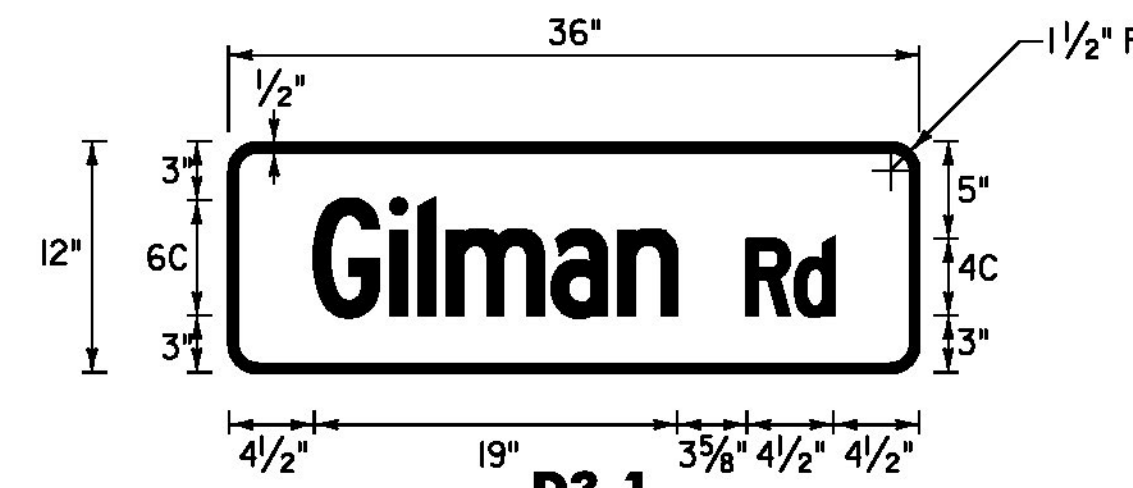
LOCATION: HINESBURG
STA. 118+50, RT
STA. 128+50, LT
COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 122+60, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



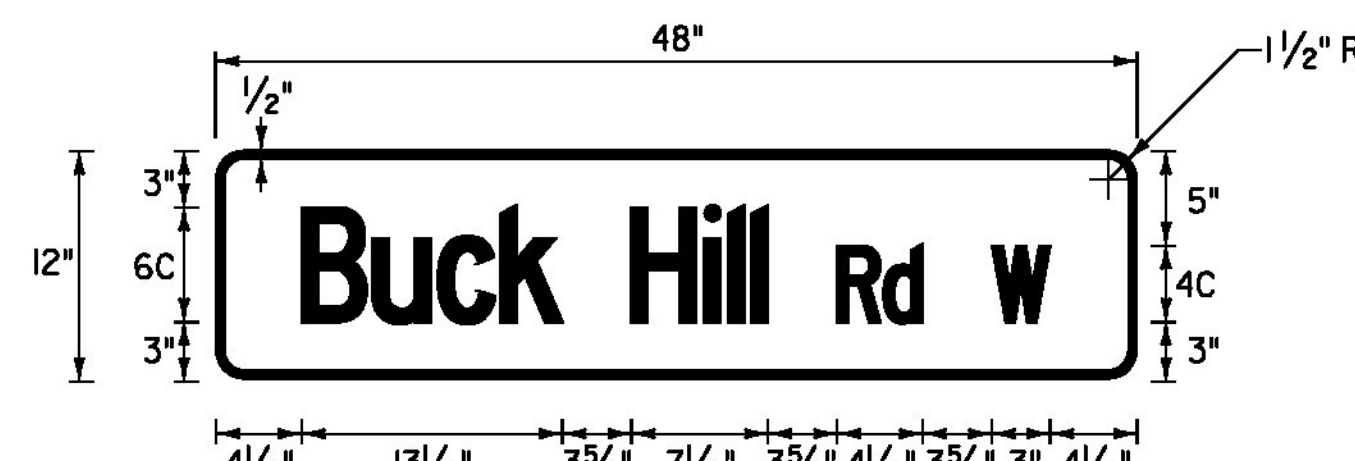
LOCATION: HINESBURG
STA. 163+15, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



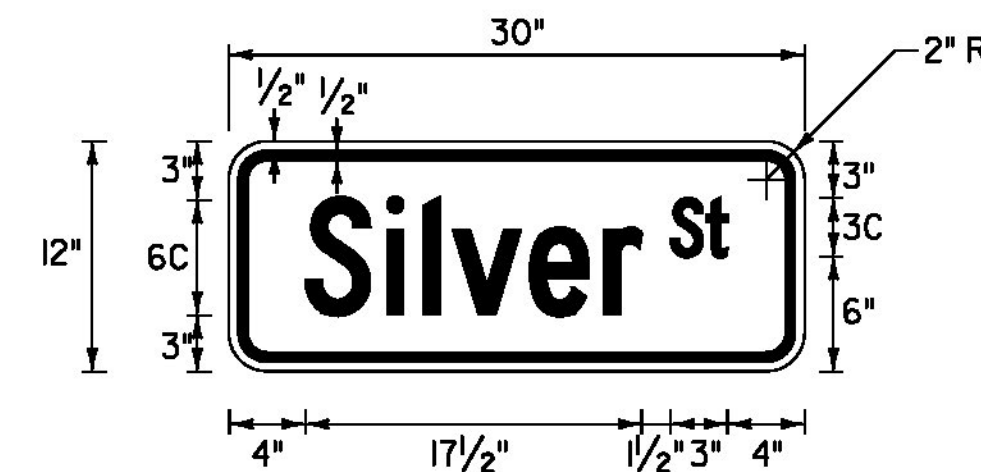
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STA. 163+73, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 175+32, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 205+22, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 226+33, RT
COLOR: BLACK BORDER AND TEXT
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

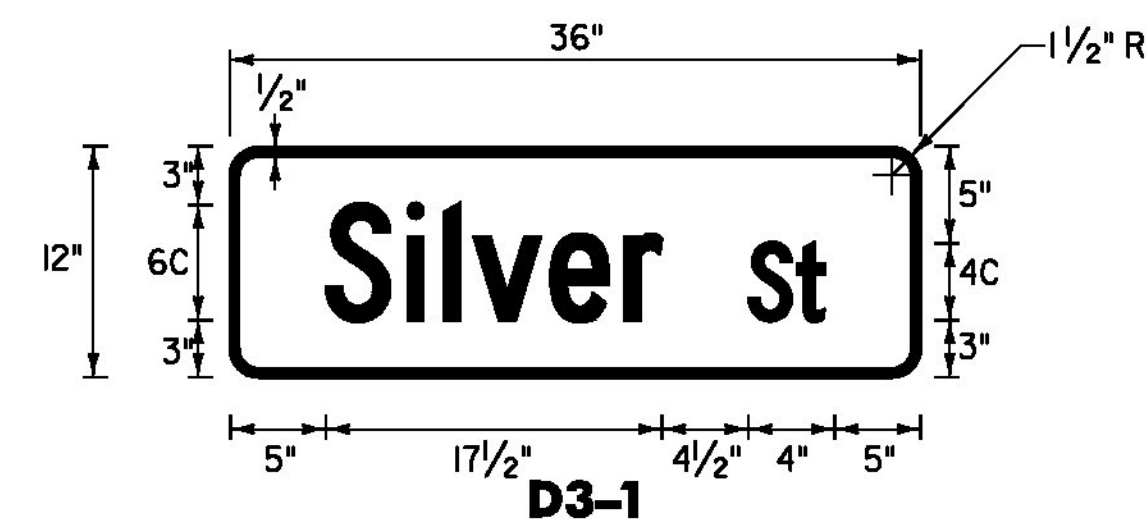
TRAFFIC
SIGN
DETAIL
SHEET #2



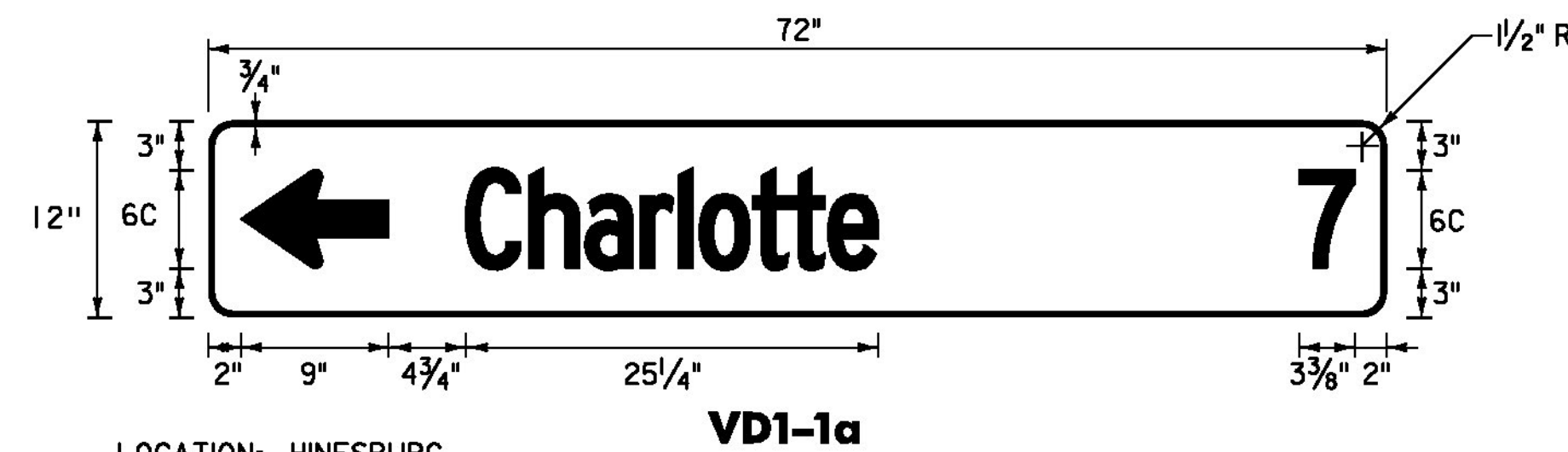
PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tsds02.i

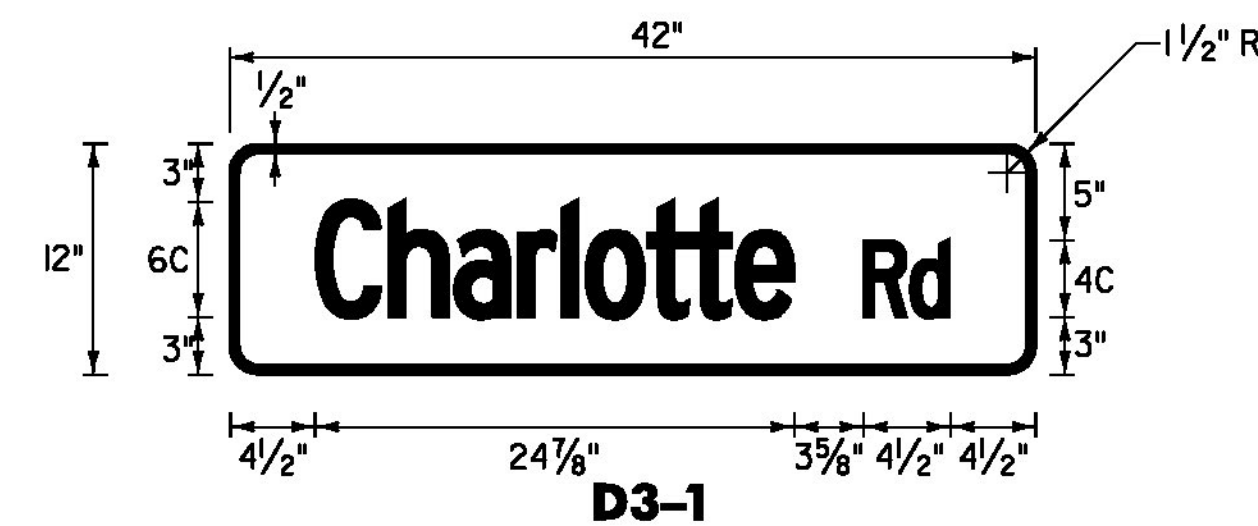
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET I13 OF I19



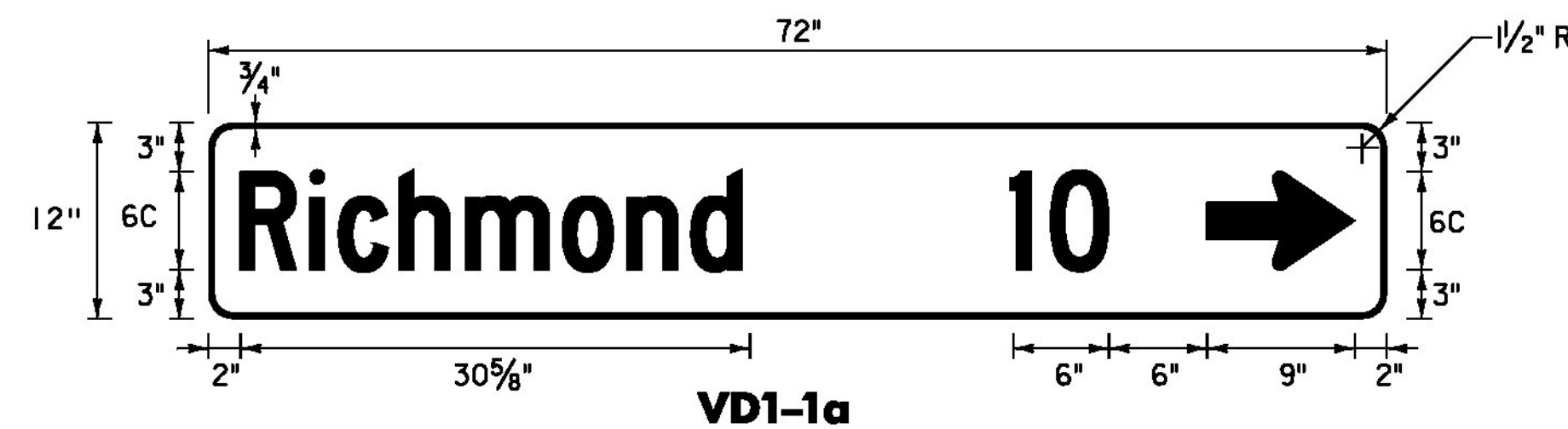
LOCATION: HINESBURG
STA. 231+13, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



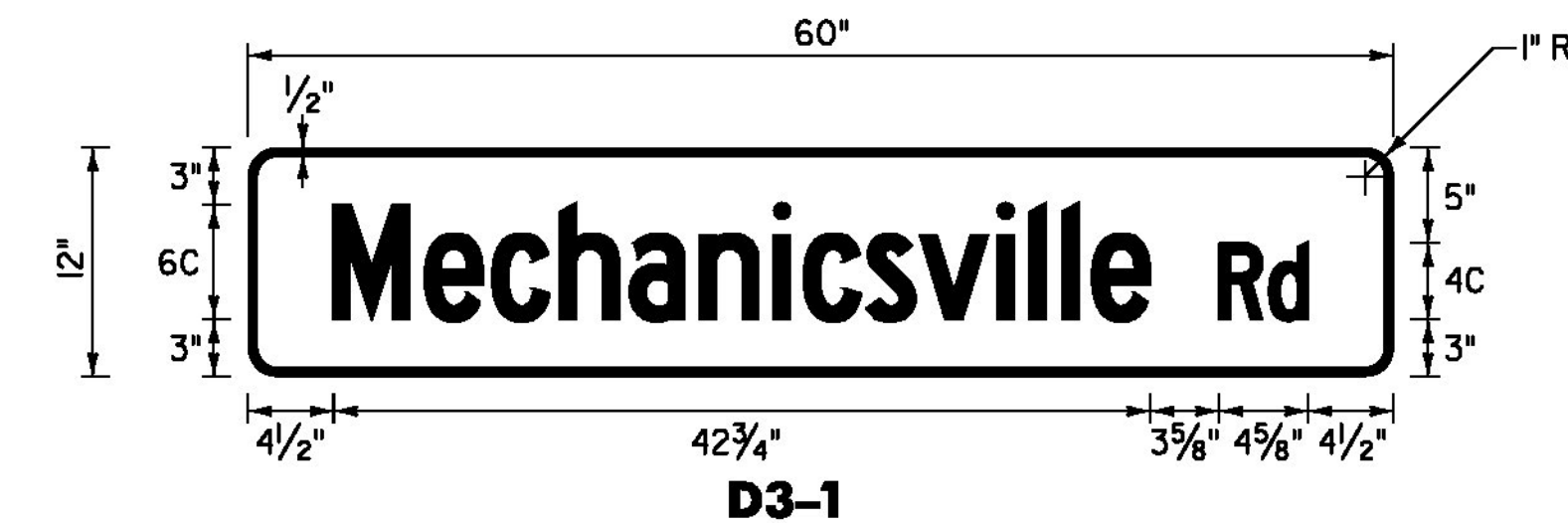
LOCATION: HINESBURG
STA. 236+83, RT.
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125" FLAT SHEET ALUMINUM



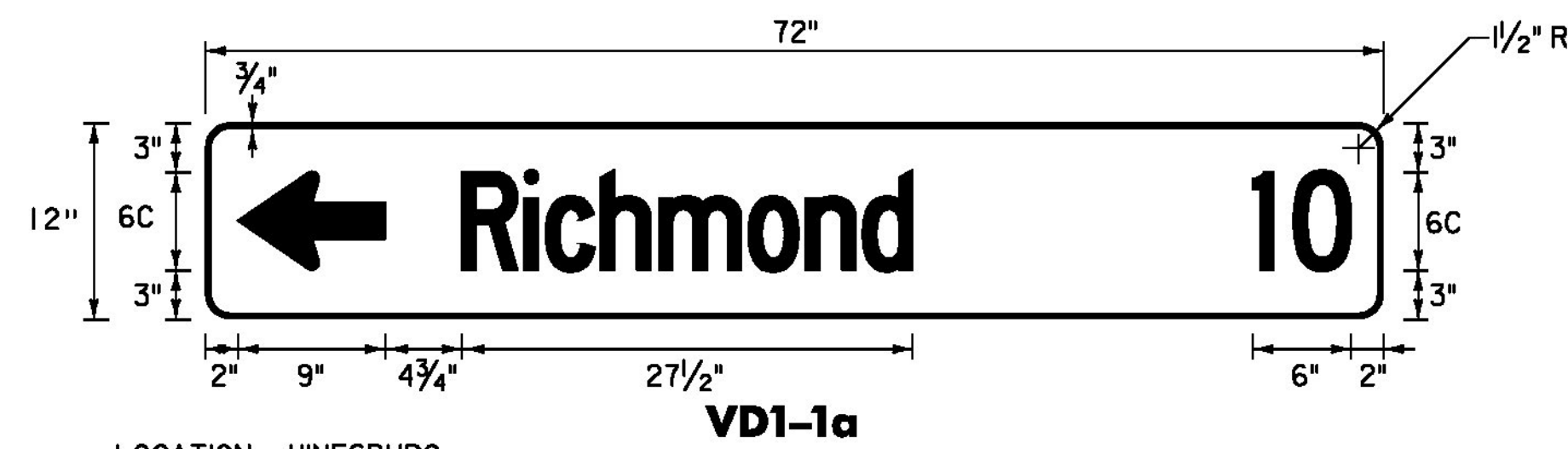
LOCATION: HINESBURG
STA. 239+62, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 248+84, RT.
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125" FLAT SHEET ALUMINUM



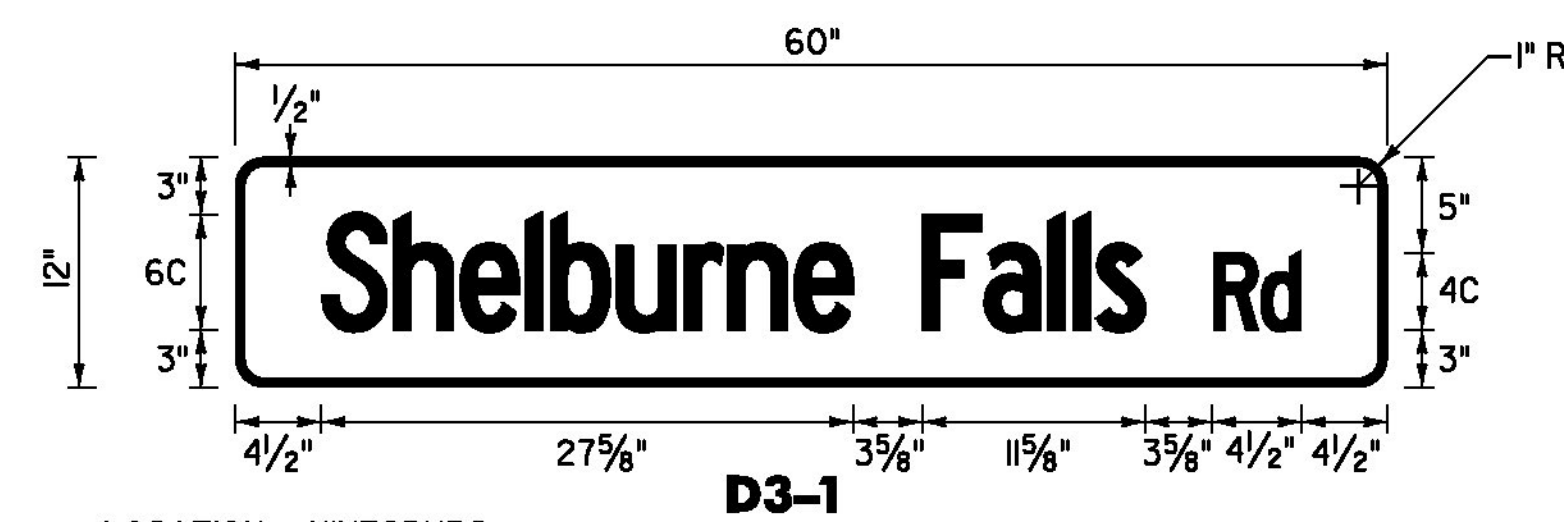
LOCATION: HINESBURG
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GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



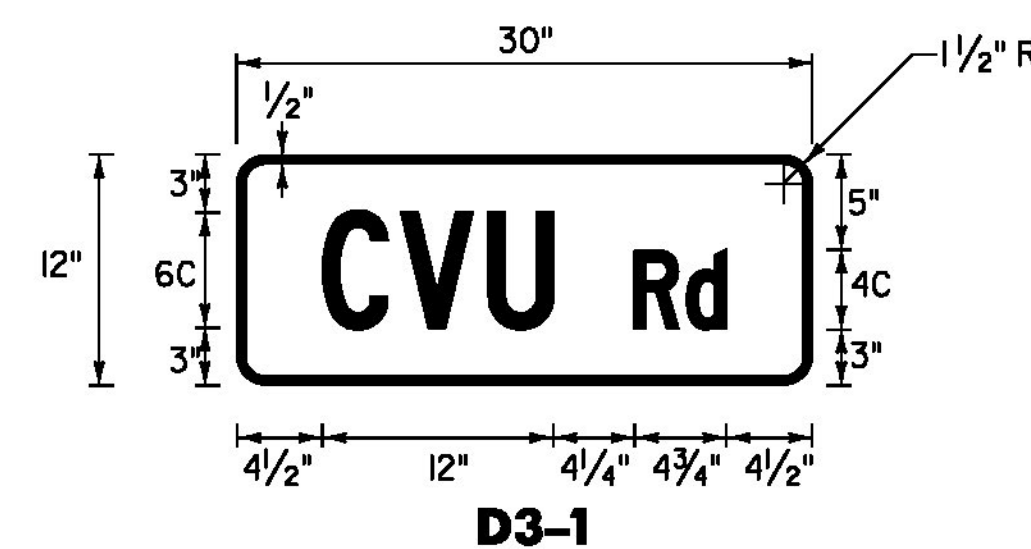
LOCATION: HINESBURG
STA. 252+78, LT.
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125" FLAT SHEET ALUMINUM



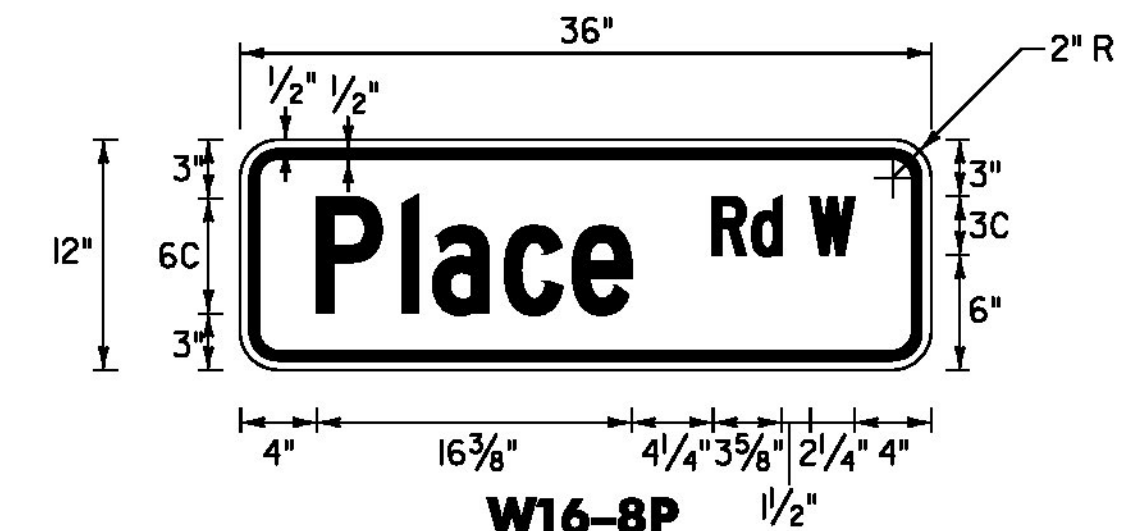
LOCATION: HINESBURG
STA. 261+13, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



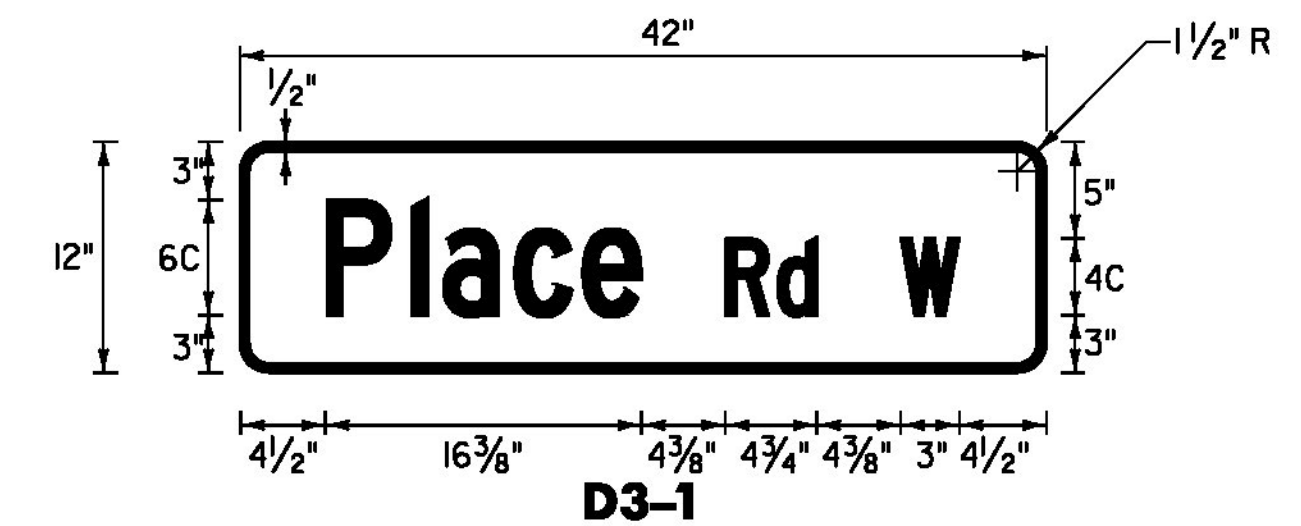
LOCATION: HINESBURG
STA. 287+10, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



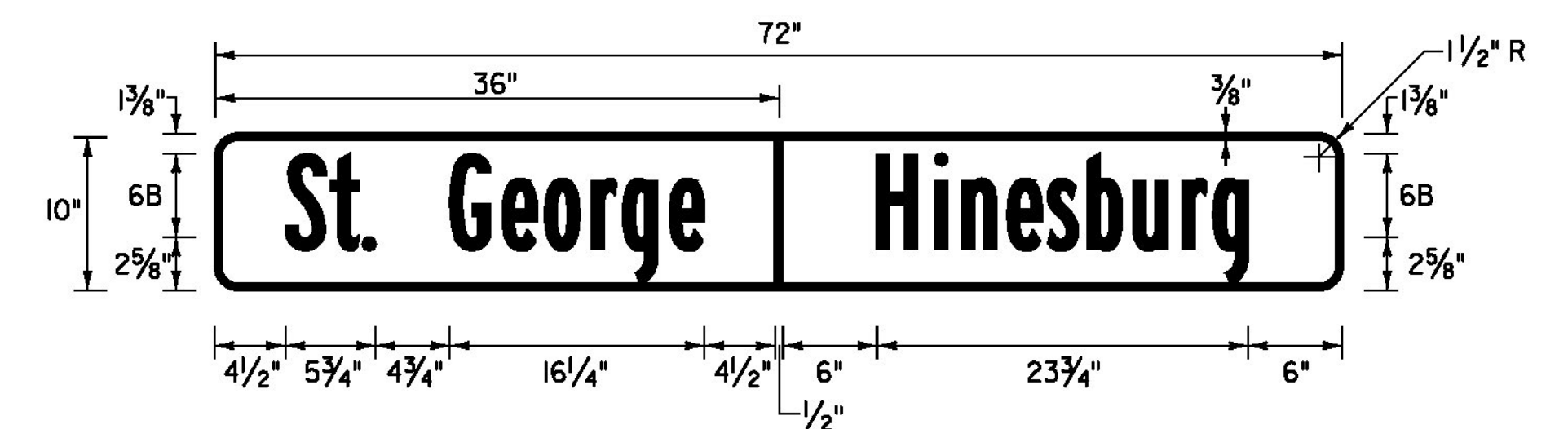
LOCATION: HINESBURG
STA. 287+78, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 313+00, RT
STA. 318+10, LT
COLOR: BLACK BORDER AND TEXT
YELLOW BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG
STA. 315+78, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET I16



LOCATION: HINESBURG STA. 381+69, RT
COLOR: WHITE DIVIDER 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.

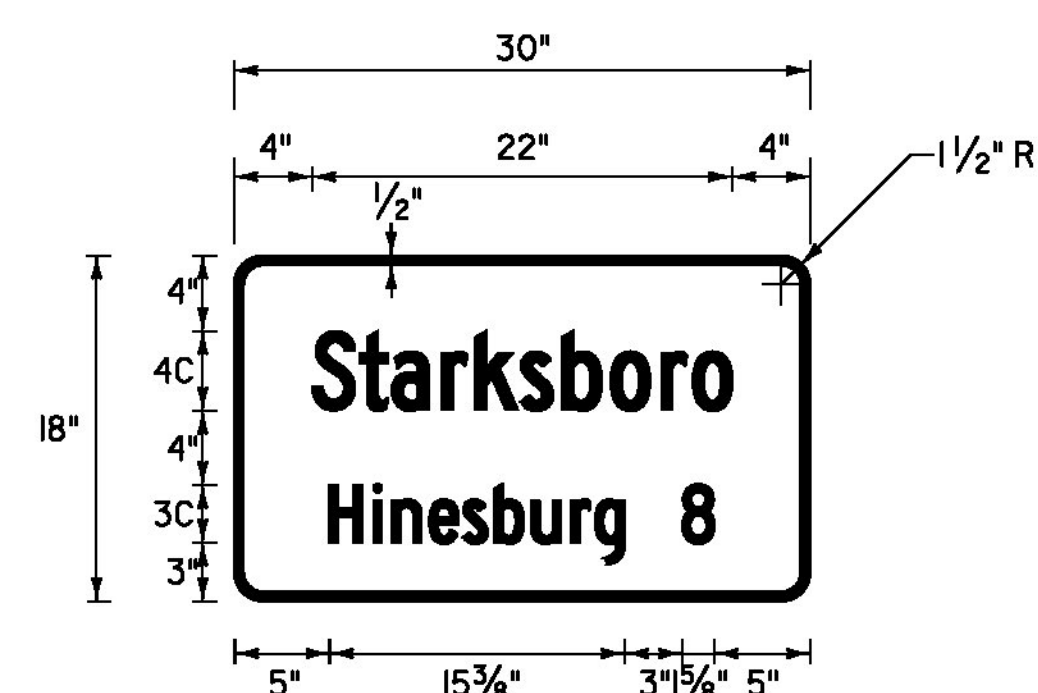
NOT TO SCALE

TRAFFIC
SIGN
DETAIL
SHEET #3

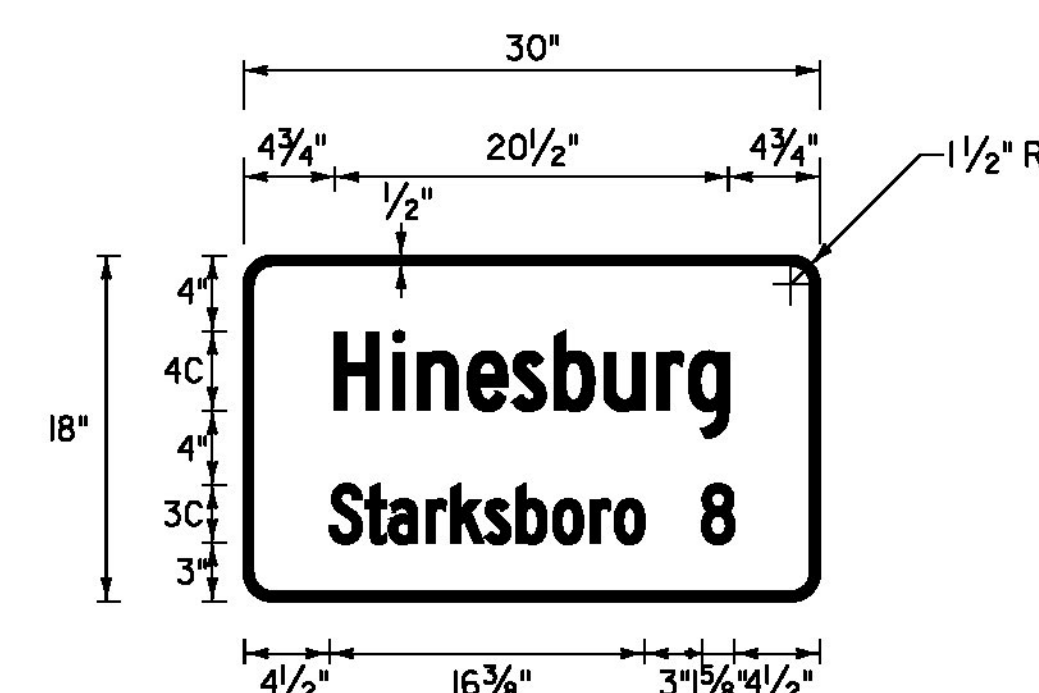


PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

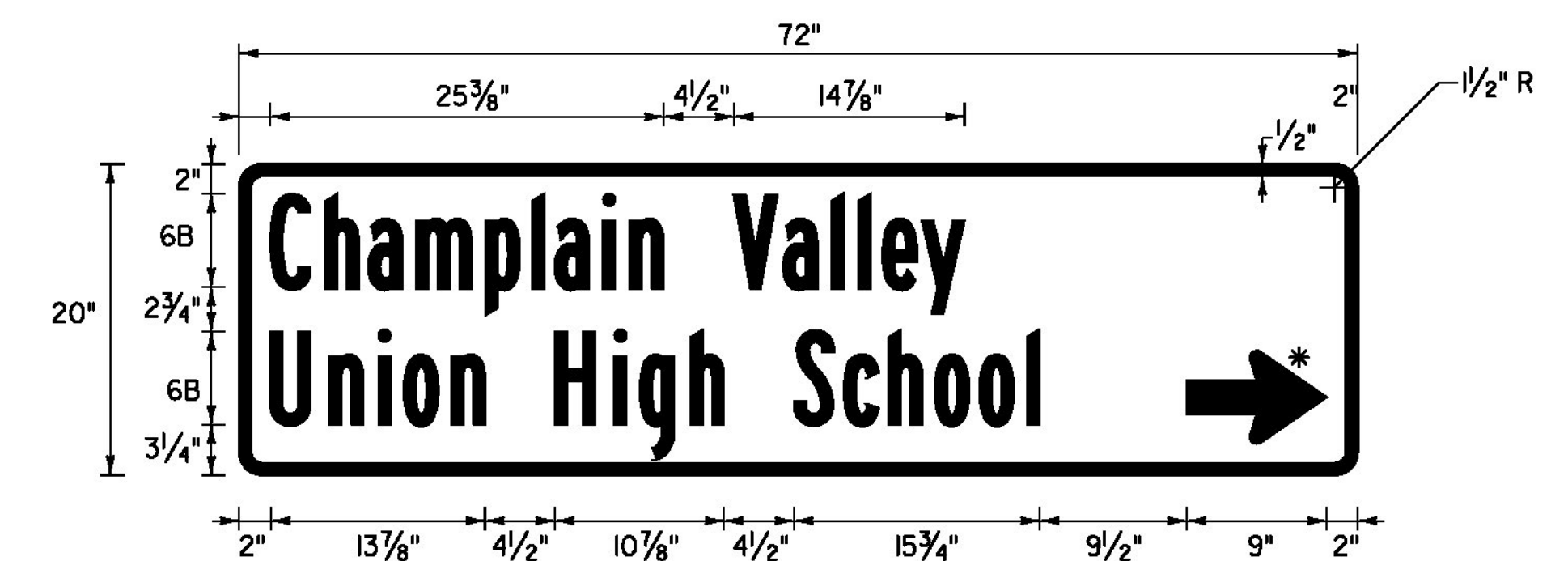
FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tsds03.i
PLOT DATE: 28-NOV-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET I14 OF I19



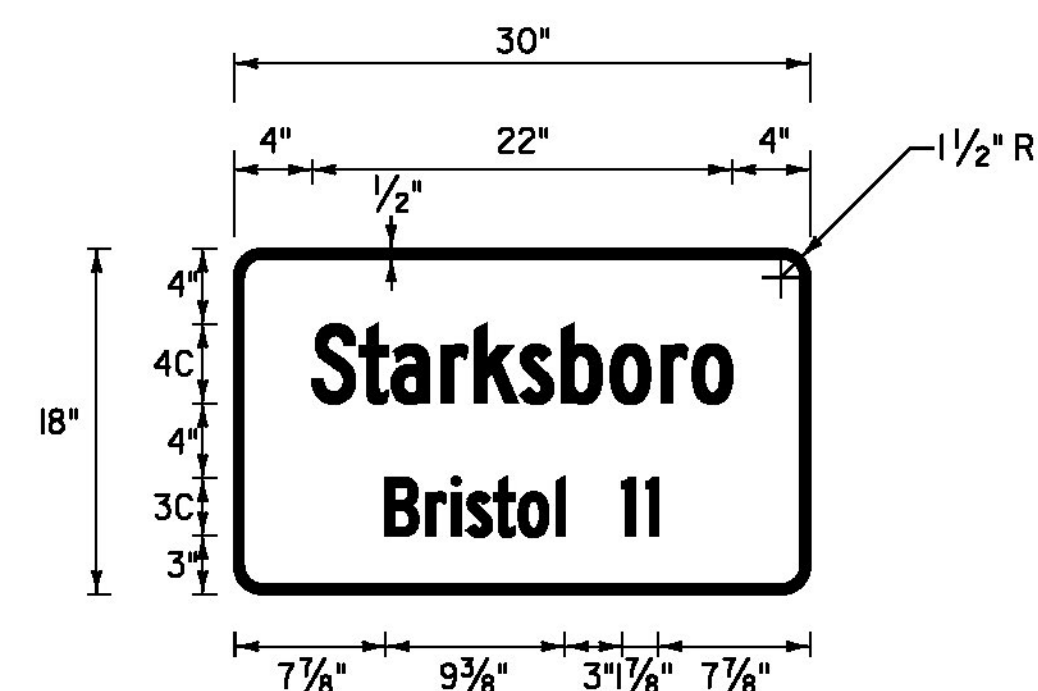
VD-018
LOCATION: STARKSBORO
STA. 120+77, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET II6



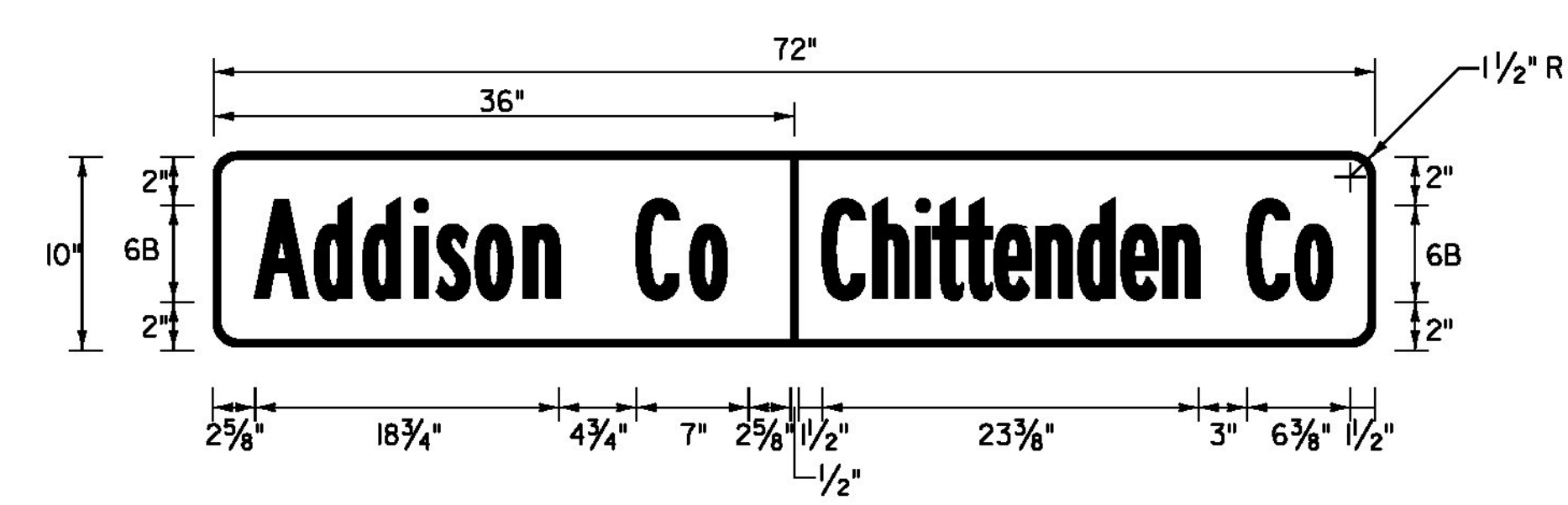
VD-018
LOCATION: HINESBURG
STA. 267+35, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET II6



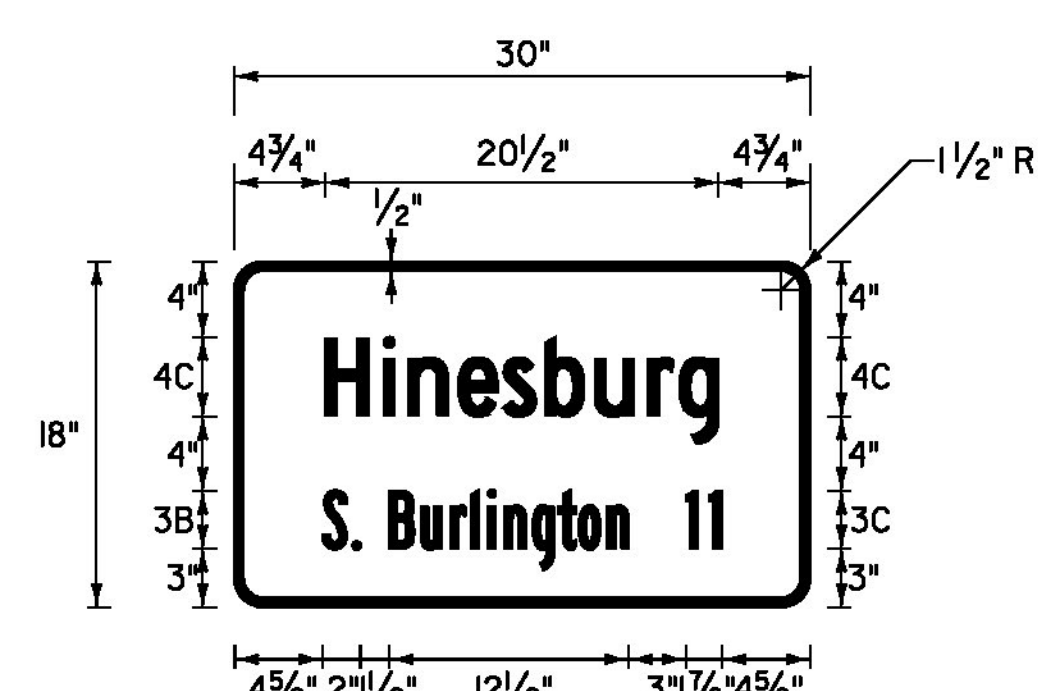
VD1-1
LOCATION: HINESBURG
STA. 285+37, RT
COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125\"/>



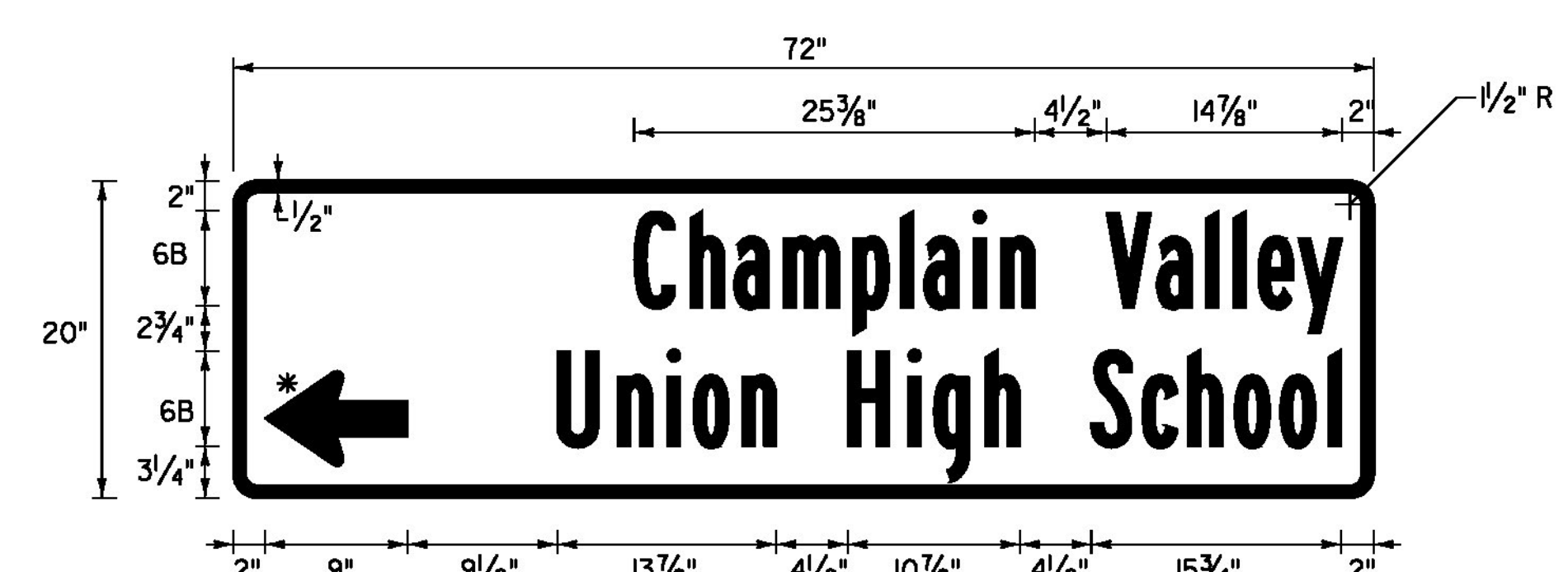
VD-018
LOCATION: STARKSBORO
STA. 184+28, LT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET II6



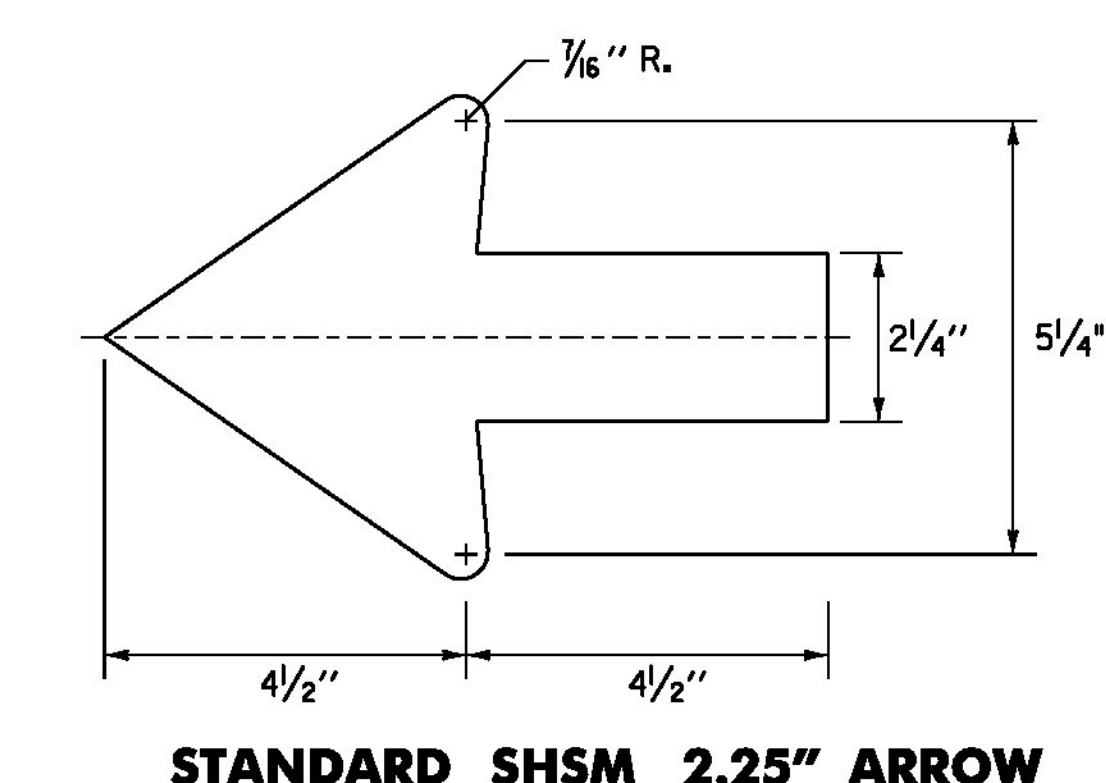
LOCATION: STARKSBORO
STA. 352+17.60, LT \ HINESBURG
STA. 0+00, LT
COLOR: WHITE DIVIDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET II6



VD-018
LOCATION: HINESBURG
STA. 199+17, RT
COLOR: WHITE BORDER AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: PER THE TABLE ON SHEET II6



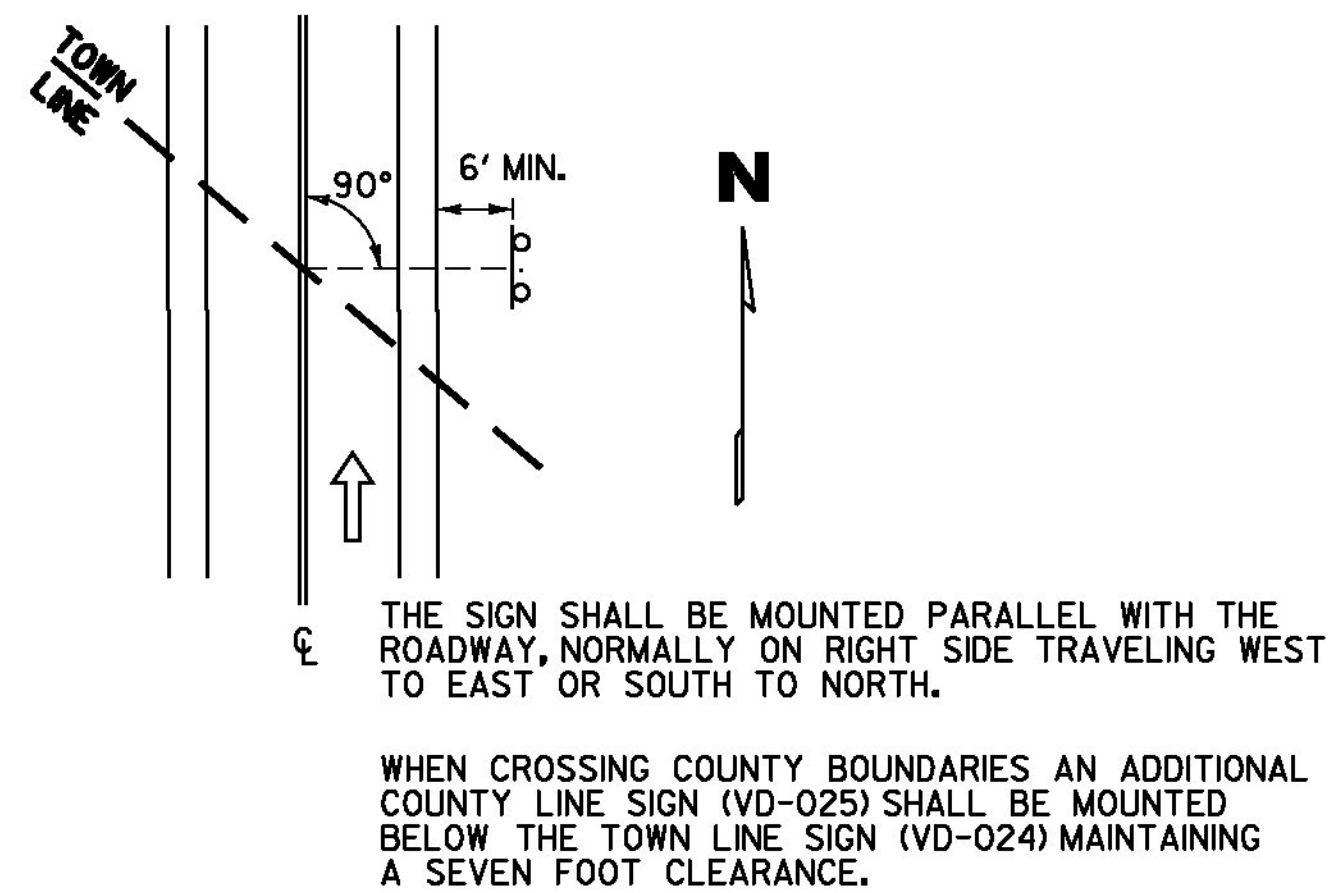
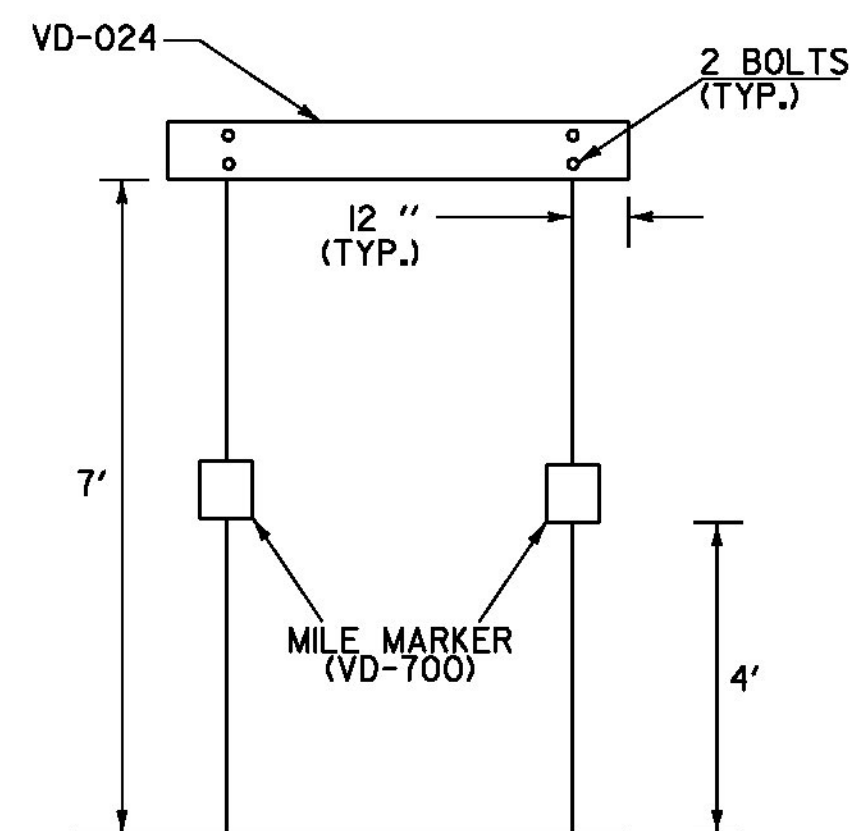
LOCATION: HINESBURG
STA. 290+61, LT
COLOR: WHITE BORDER, ARROW AND TEXT (RETROREFLECTIVE)
GREEN BACKGROUND (RETROREFLECTIVE)
MATERIAL: 0.125\"/>



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
	PROJECT LEADER: JLL	DRAWN BY: STANTEC
	DESIGNED BY: STANTEC	CHECKED BY: MCF
	IPARM FILE: p10b266tsds04.i	SHEET 115 OF 119



TOWN LINE SIGN NOTES:

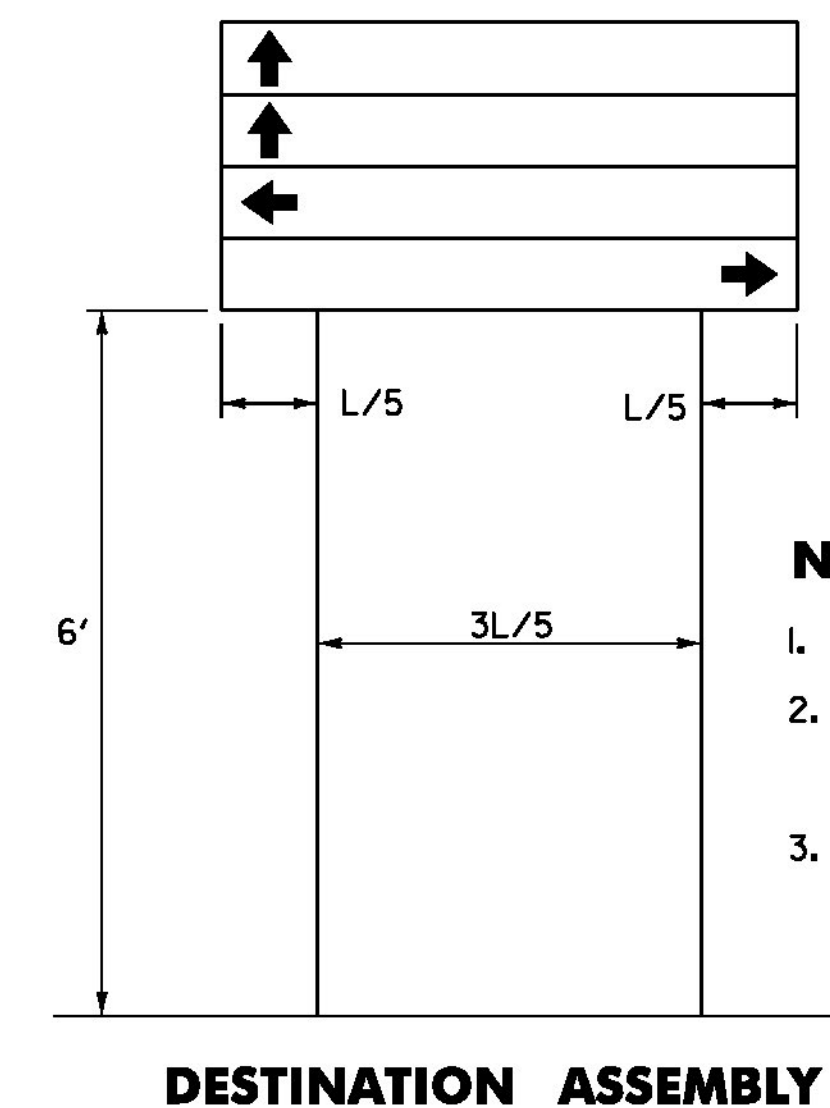
1. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
2. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
4. THE SIGN BASE MATERIAL 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.

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		24" X 10"	36" X 12"	
		24" X 12"	36" X 15"	
		42" 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-I) ABOVE STOP SIGNS (R1-I) USE 12" BRACKETS.
7. SEE VAOT STANDARD E-I23 FOR RECOMMENDATION ON STREET NAME SIGNS MATERIAL.



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 #5**

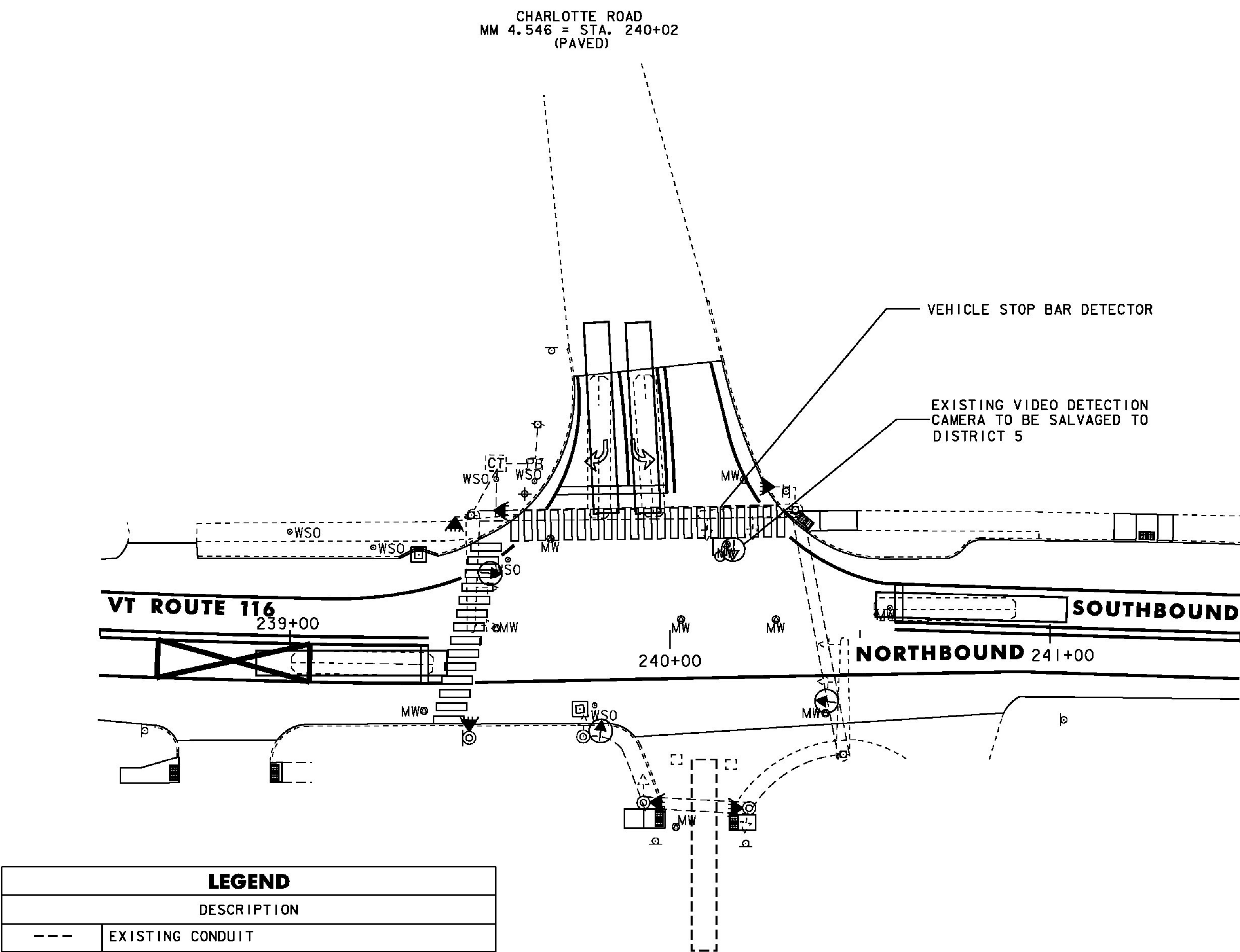
PROJECT NAME:	STARKSBORO-HINESBURG
PROJECT NUMBER:	STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tsds05.i

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



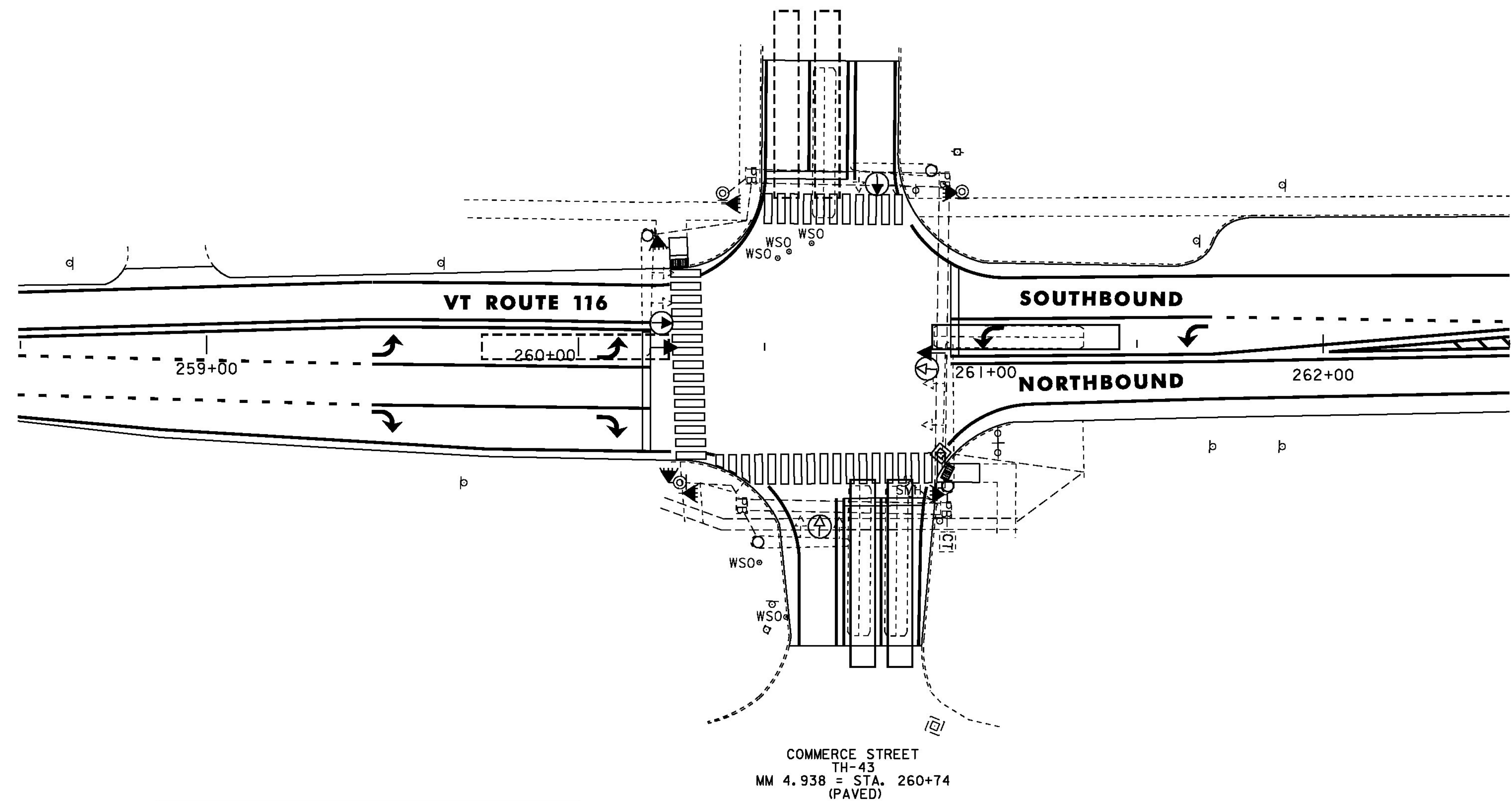
TRAFFIC
SIGNAL
SYSTEMS
SHEET #1

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



SIGNAL FACE ARRANGEMENT
LENS DIAMETER 12"

	SOLID YELLOW
	FLASHING YELLOW

ALL HEADS TO BE LED'S

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
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IPARM FILE: p10b266tsss02.i		SHEET 118 OF 119

