

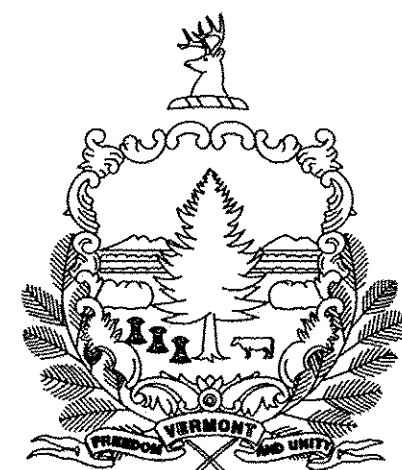
INDEX OF SHEETS
SEE SHEET 2

RECORD PLANS

BY: DOUG BUMPS, R.E.
JAN., 2013

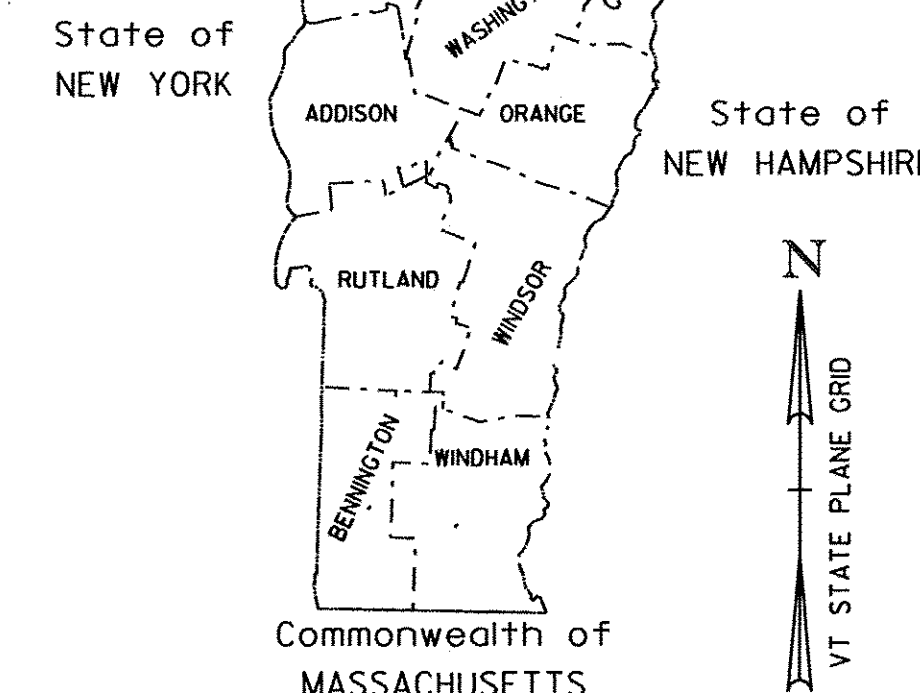
PRIME CONTRACTOR: PIKE INDUSTRIES INC.

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF BLOOMFIELD & LEMINGTON COUNTY OF ESSEX VT ROUTE 102 (MAJOR COLLECTOR)

PROJECT LOCATION
BLOOMFIELD-LEMINGTON
STP 2610(1)



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA		
DESIGN LANE/DESIGN LIFE ESAL	122,500	
DESIGN NUMBER OF GYRATIONS	50	
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS AND SPECIAL PROVISIONS	

BEGINNING AT A POINT, IN THE TOWN OF BLOOMFIELD ON VT 102 AT STATION 28+96.00 (MM 0.548) AND EXTENDING NORTHERLY ALONG VT 102 A DISTANCE OF 53,133.36 FEET (10.063 MILES) TO STATION 193+35.36 (MM 3.662) ENDING IN LEMINGTON.

FROM		TO
BLOOMFIELD	STA 28+96.00 (MM 0.548)	STA 366+94.00 (MM 6.950)
LEMINGTON	STA L0+00.00 (MM 0.000)	STA L193+35.36 (MM 3.662)

TRAFFIC DATA

LOCATION	AADT		DHV		ESALs	
	2012	2022	2012	2022	2012-2022	2012-2032
VT 102						
BEGIN PROJECT TO TH 3 IN LEMINGTON	360	380	70	70	111,000	245,000
TH 3 IN LEMINGTON TO END OF PROJECT	270	280	55	55	72,000	155,000

LENGTH OF ROADWAY = 53,133.36 FEET (10.063 MILES)
LENGTH OF PROJECT = 53,133.36 FEET (10.063 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES LEVEL AND OVERLAY OF THE EXISTING HIGHWAY, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND OTHER RELATED HIGHWAY ITEMS.

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: DOUG BUMPS

CONSTRUCTION BEGAN: APRIL 26, 2012

CONSTRUCTION COMPLETE: AUGUST 10, 2012

RECORD PLANS BY: DOUG BUMPS & C. PIERCE

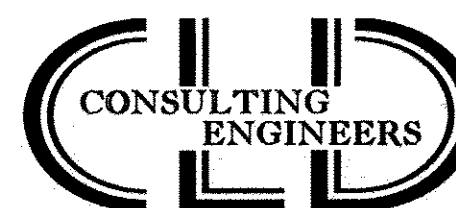
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY Doug Bumps RESIDENT ENGINEER

DATE 5/22/13

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.

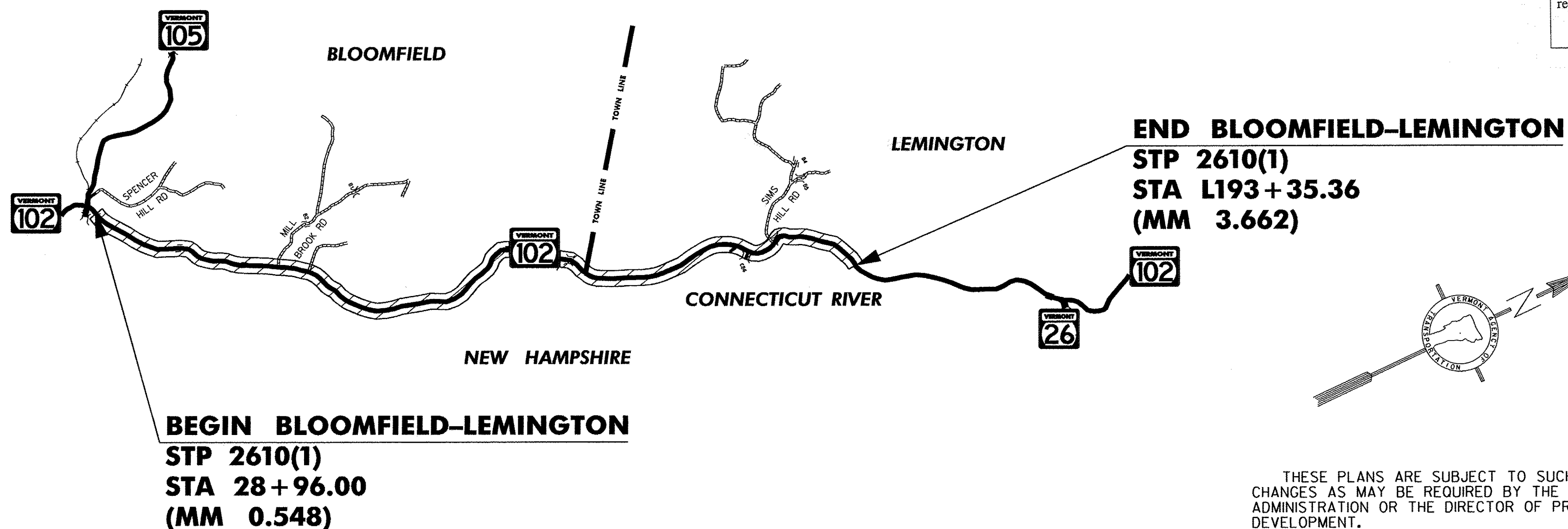
QUALITY ASSURANCE PROGRAM: LEVEL 3



540 Commercial Street
Manchester, NH 03101
Tel: (603) 668-8223
Fax: (603) 668-8802
email: ceiconsulting@ceiconsulting.com
Maine • New Hampshire • Vermont

CONVENTIONAL SYMBOLS

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



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

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

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

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 OTHER PURPOSES.

DIRECTOR OF PROJECT DEVELOPMENT

APPROVED _____ DATE _____

PROJECT MANAGER: MICHAEL FOWLER

PROJECT NAME: BLOOMFIELD-LEMINGTON
PROJECT NUMBER: STP 2610(1)

SHEET 1 OF 82 SHEETS

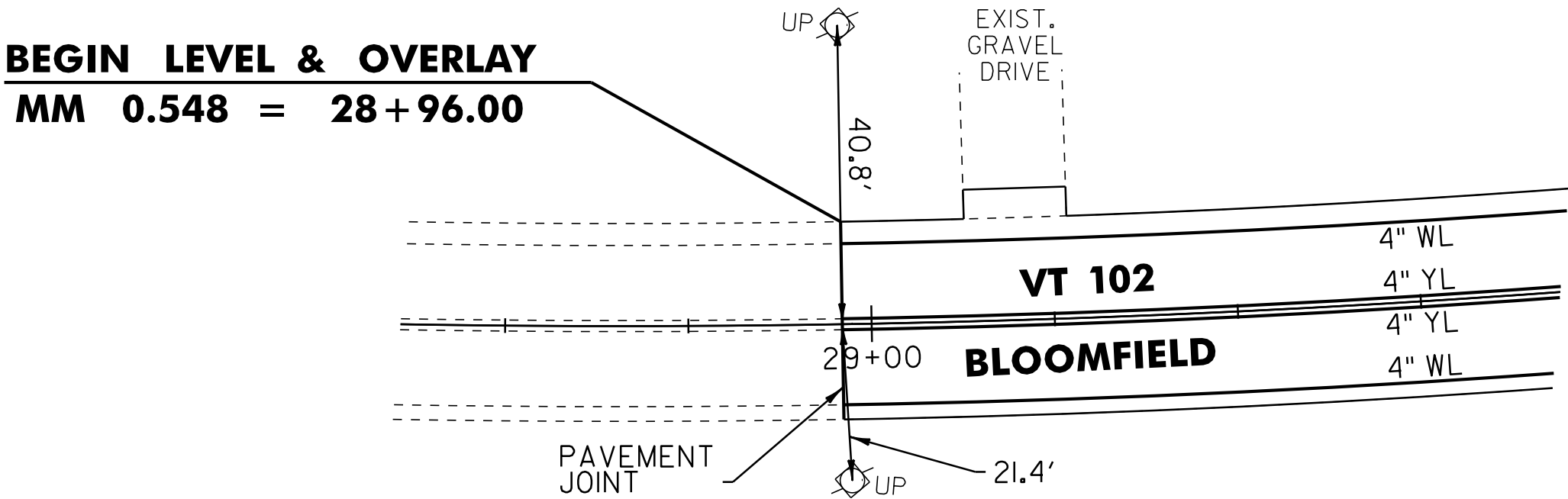
INDEX OF SHEETS

VAOT STANDARD

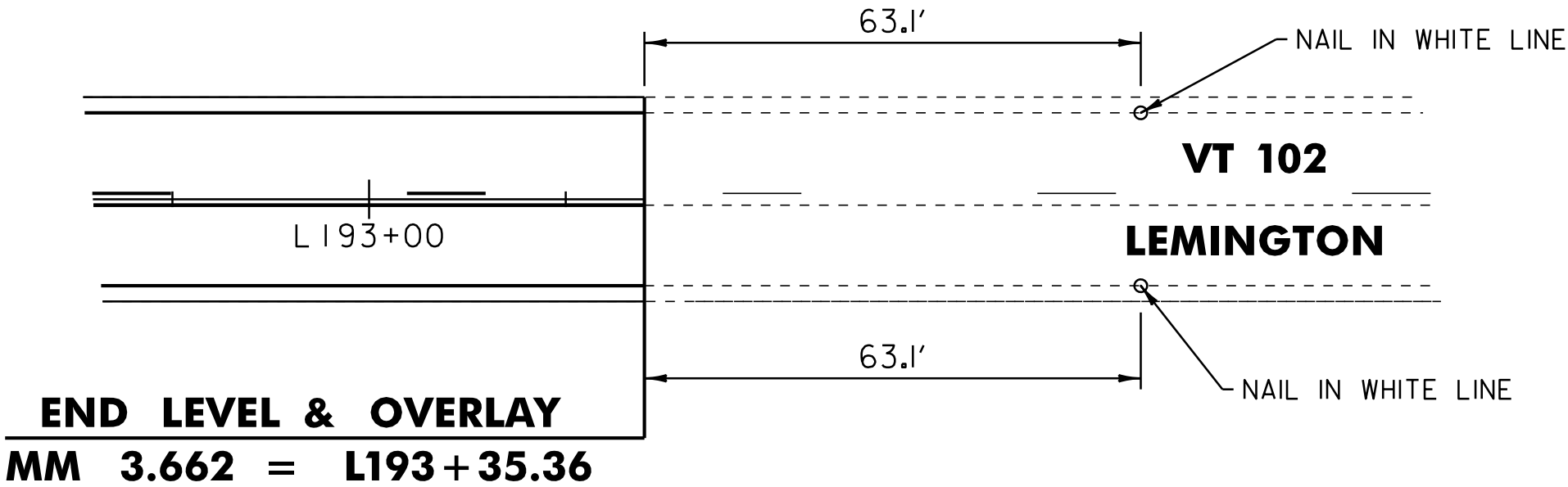
C-10	2/11/2008
D-3	6/1/1994
E-100	1/2/2004
E-101	5/30/2003
E-102	6/30/2003
E-102A	5/1/2004
E-108	6/8/2009
E-108A	6/8/2009
E-III	3/11/1997
E-121	8/8/1995
E-123	3/16/2004
E-136B	8/8/1995
E-138	5/30/2003
E-141	9/20/1995
E-143	6/15/2004
E-144	3/29/1999
E-163	5/20/1999
E-164	6/8/2009
E-193	8/18/1995
G-1	1/3/2000
G-1d	1/3/2000
G-19	11/15/2002
J-3	8/7/1995

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	BRIDGE JOINT ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)



VT ROUTE 102
BEGIN STP 2610(1) PROJECT TIE



VT ROUTE 102
END STP 2610(1) PROJECT TIE

NOT TO SCALE

INDEX OF SHEETS/TIE SHEET	
PROJECT NAME:	BLOOMFIELD-LEMINGTON
PROJECT NUMBER:	STP 2610(1)
FILE NAME: /pave/07cl84/pcl84	PLOT DATE: 19-JUN-2013 16:58
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.2	SHEET 2 OF 82

GENERAL NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS. THE LEVELING COURSE SHALL BE TYPE IVS, ITEM 490.30, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL PG BINDER USED IN SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 490 OF THE GENERAL SPECIAL PROVISIONS AND SPECIAL PROVISIONS.
2. ITEM 404.65, EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.040 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
4. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICALS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10, COLD PLANING, BITUMINOUS PAVEMENT.

5. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION SHALL BE PAID FOR USING APPROPRIATE RENTAL ITEMS. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PAVED. SEE THE PAVING PROJECT LIMITS TABLE ON THIS SHEET FOR PROPOSED PAVEMENT WIDTHS.
6. POTHoles SHALL BE REPAIRED WITH ITEM 402.12, AGGREGATE SHOULDERS OR 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER.
7. AN ESTIMATED QUANTITY OF ITEM 203.40, SHOULDER BERM REMOVAL HAS BEEN INCLUDED FOR THE REMOVAL OF BUILT UP SAND, SOD ETC ADJACENT TO THE SHOULDER, IN GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
8. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.
9. ALL GRAVEL PULLOFFS TO BE PAVED SHALL BE GRADED PRIOR TO PAVING WITH ITEM 608.15, POWER GRADER RENTAL OR AS DIRECTED BY THE RESIDENT ENGINEER.
10. ALL EDGES OF PAVEMENT ON MAINLINE SHALL CONFORM TO THE SAFETY EDGE DETAIL SHOWN ON SHEET 5. ALL EDGES OF PAVEMENT AND ALL CURB AT GUARDRAIL LOCATIONS SHALL BE BACKED UP FULL HEIGHT PAID UNDER ITEM 402.12, AGGREGATE SHOULDERS.
11. INSTALLATION, COMPACTION, GRADING AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.12, AGGREGATE SHOULDERS, ITEM 402.13, AGGREGATE SHOULDERS, RAP AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.

12. AN ESTIMATED QUANTITY OF ITEM 608.25, ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37, TRUCK RENTAL AND ITEM 608.40, LOADER RENTAL, TYPE I HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL FLARES. 25 CUBIC YARDS OF ITEM 203.30, EARTH BORROW HAS BEEN INCLUDED AT EACH LOCATION TO PROVIDE FOR FLARE CONSTRUCTION. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR ITEM 651.35, TOPSOIL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ITEM 653.20, TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THAN 1:6 CREATED BY THE GUARDRAIL FLARE. THE QUANTITIES REFLECT 25 SY OF ITEM 653.20, TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL FLARE.
13. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.
14. ITEM 646.76, LINE STRIPING TARGETS SHALL BE PLACED AS OUTLINED IN THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR THE PLACEMENT OF THE WHITE EDGE LINES AND YELLOW CENTER LINES.
15. INSTALL NEW SIGNS, AS SHOWN ON THE PAVING LAYOUTS, ON SQUARE STEEL SIGN POSTS.
16. BITUMINOUS CONCRETE PAVEMENT AT PUBLIC AND/OR PRIVATE AND PERMITTED DRIVES WHICH IS INSTALLED BY HAND SHALL BE PAID FOR UNDER ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, SHALL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR BITUMINOUS CONCRETE PAVEMENT.
17. ASPHALTIC PLUG-TYPE JOINT SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS. SEE BRIDGE JOINT ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)
BLOOMFIELD: BRIDGE 14 356+69 (MM 6.755) 27' EXP. JOINT
LEMINGTON: BRIDGE 15 1135+26 (MM 2.562) 29' EXP. JOINT

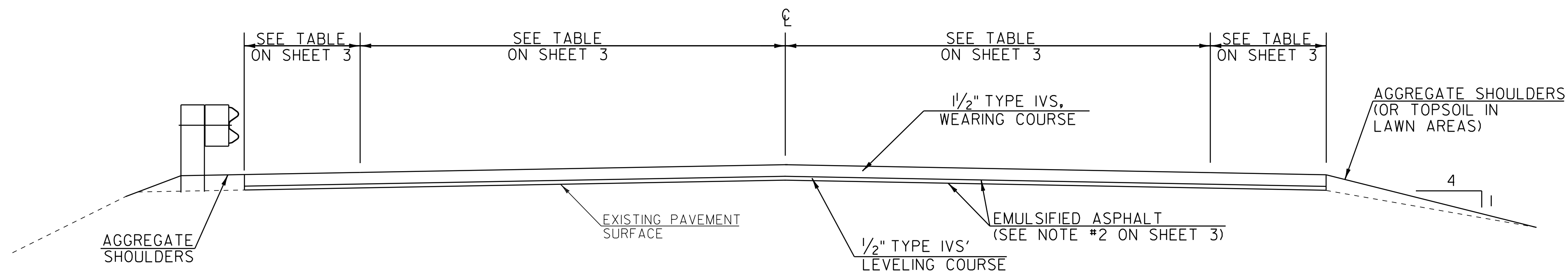
PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	LT SHOULDER	LANE TYPICAL	RT SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH	TYPE	NOTES
VT 102 BLOOMFIELD									
	28+96	30+80	3.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	30+80	54+25	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	54+25	71+50	3.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	71+50	86+00	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	86+00	127+50	3.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	127+50	149+00	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	149+00	154+78	1.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	154+78	157+76	1.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	157+76	165+51	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	165+51	171+77	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	171+77	173+70	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	173+70	191+65	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	191+65	194+56	2.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	194+56	275+45	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	275+45	280+25	1.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	280+25	294+90	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	294+90	317+26	1.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	317+26	319+25	5.0	11.0-11.0	7.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	319+25	323+83	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	323+83	338+81	1.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	338+81	356+14	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	356+14	357+95	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	357+95	366+94	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
LEMINGTON	L0+00	L20+80	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L20+80	L60+29	1.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L60+29	L70+08	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L70+08	L77+15	1.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L77+15	L107+00	1.0	11.0-11.0	1.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L107+00	L113+10	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L113+10	L116+63	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L116+63	L119+48	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L119+48	L146+49	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L146+49	L153+99	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L153+99	L165+32	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L165+32	L166+18	3.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L166+18	L183+00	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L183+00	L191+95	2.0	11.0-11.0	3.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY
	L191+95	L193+35.36	2.0	11.0-11.0	2.0	1 1/2 "	1/2 "	IVS	LEVEL AND OVERLAY

GENERAL NOTES

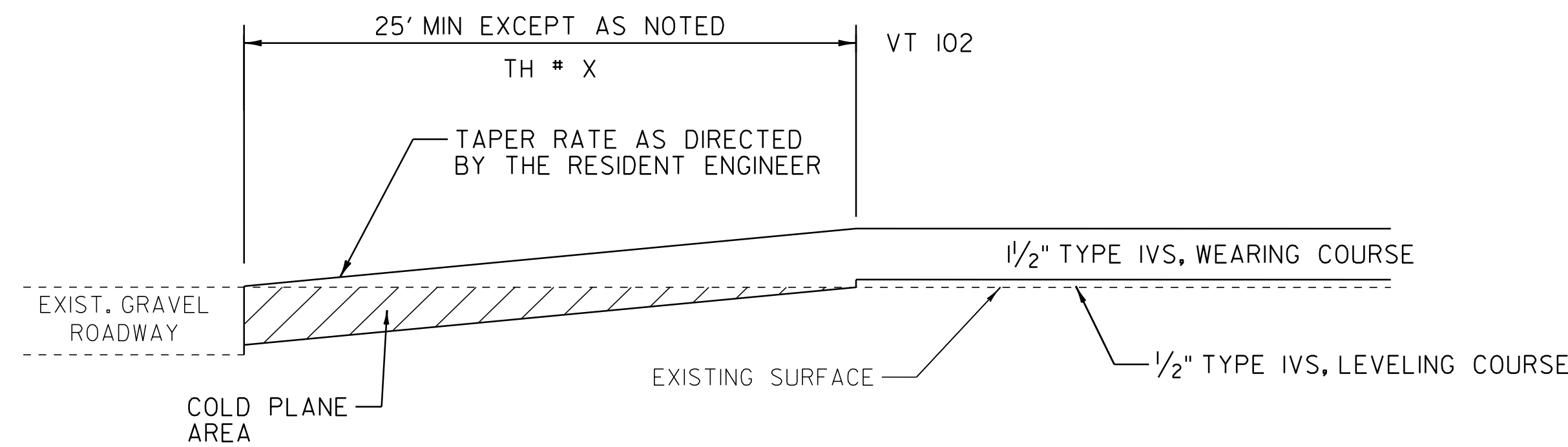
PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(1)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:58
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.3	SHEET 3 OF 82

NOT TO SCALE



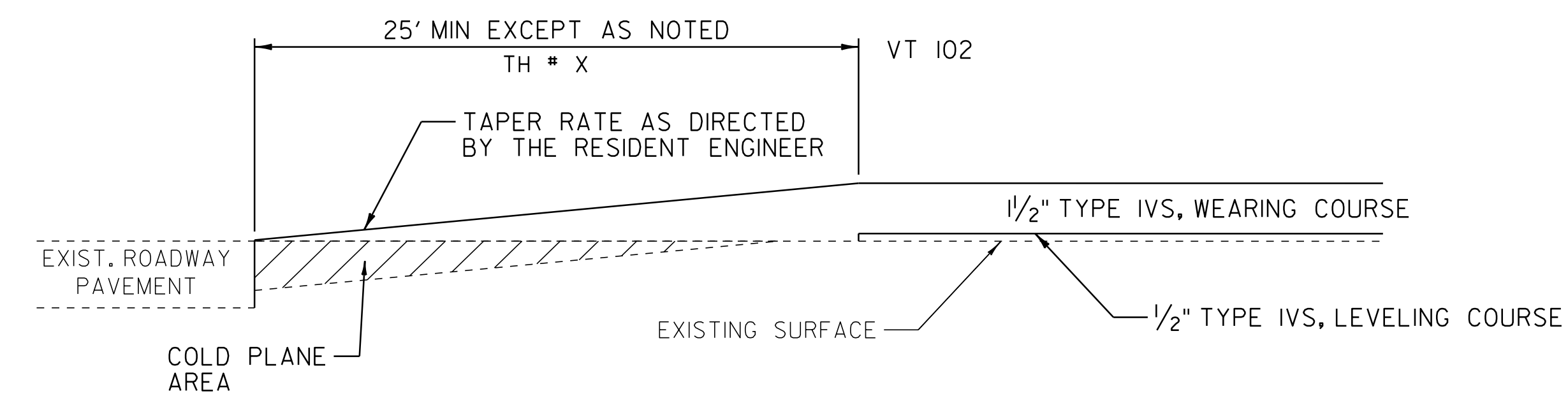
OVERLAY TYPICAL SECTION

BLOOMFIELD - 28+96 TO 366+94
 LEMINGTON - L0+00 TO L193+35.36



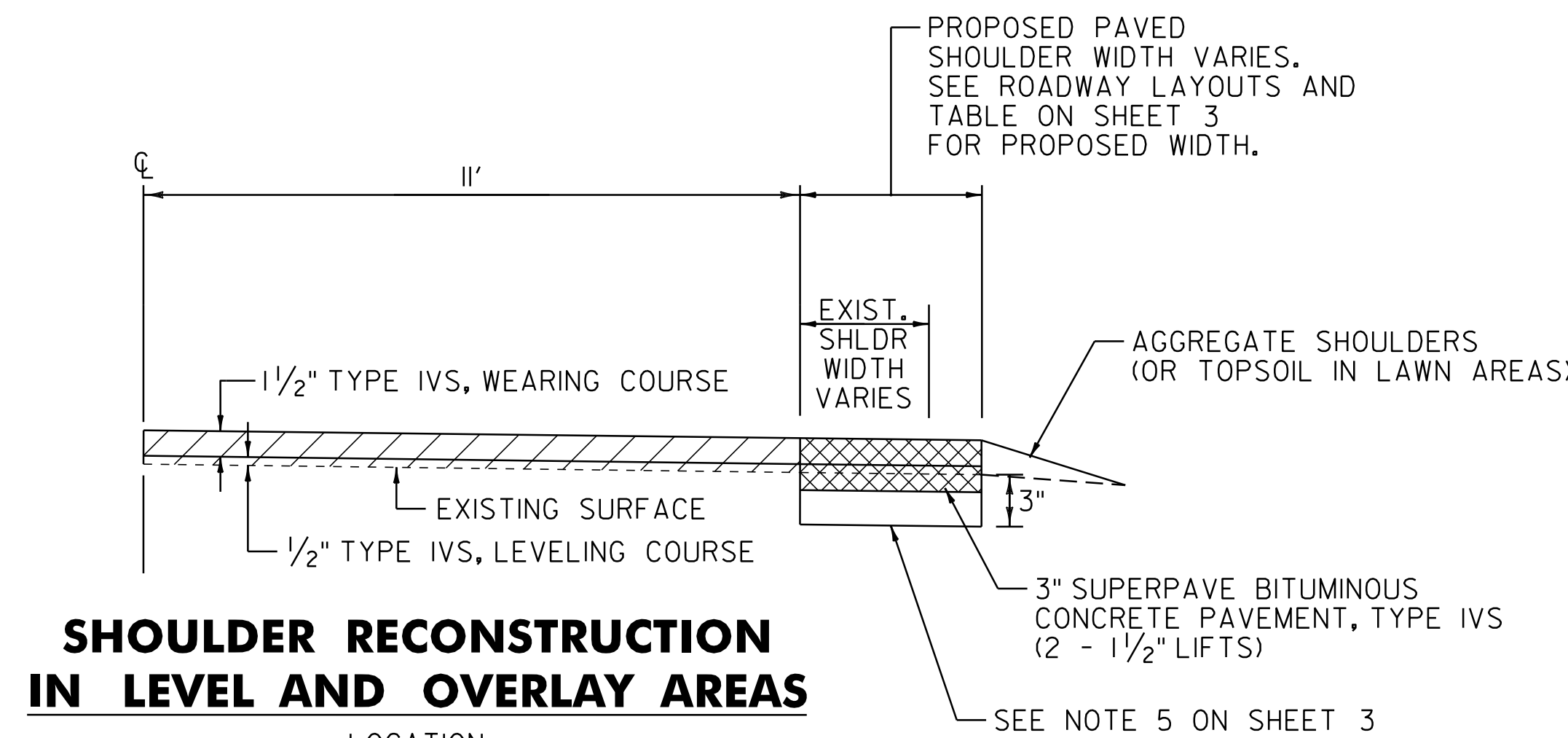
**APPROACH AREA DETAIL
 FOR GRAVEL TOWN HIGHWAYS
 IN LEVEL AND OVERLAY AREAS**

LOCATION
 BLOOMFIELD
 TH 2 - 149+75 (MILL BROOK RD)
 TH 3 - 169+27 (FULLER RD)



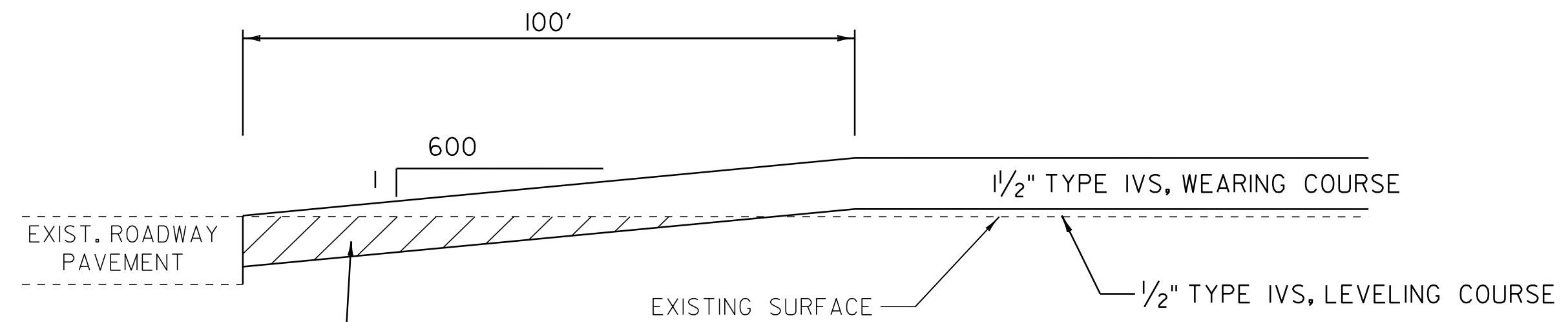
**APPROACH AREA DETAIL
 FOR PAVED TOWN HIGHWAYS
 IN LEVEL AND OVERLAY AREAS**

LOCATION
 LEMINGTON
 TH 3 - L112+58 (COLUMBIA BRIDGE RD)
 TH 4 - L130+45 (SIMMS HILL RD)



**SHOULDER RECONSTRUCTION
 IN LEVEL AND OVERLAY AREAS**

LOCATION
 BLOOMFIELD
 154+73 TO 165+51 RT
 157+71 TO 163+61 LT
 171+72 TO 173+70 RT
 230+30 TO 255+25 LT
 239+20 TO 274+35 RT
 275+40 TO 280+25 RT
 294+85 TO 316+25 RT
 317+06 TO 318+00 LT
 318+20 TO 319+25 LT
 318+50 TO 355+80 RT
 357+95 TO 366+94 RT
 LEMINGTON
 L 0+00 TO L81+50 RT
 L116+58 TO L119+48 RT



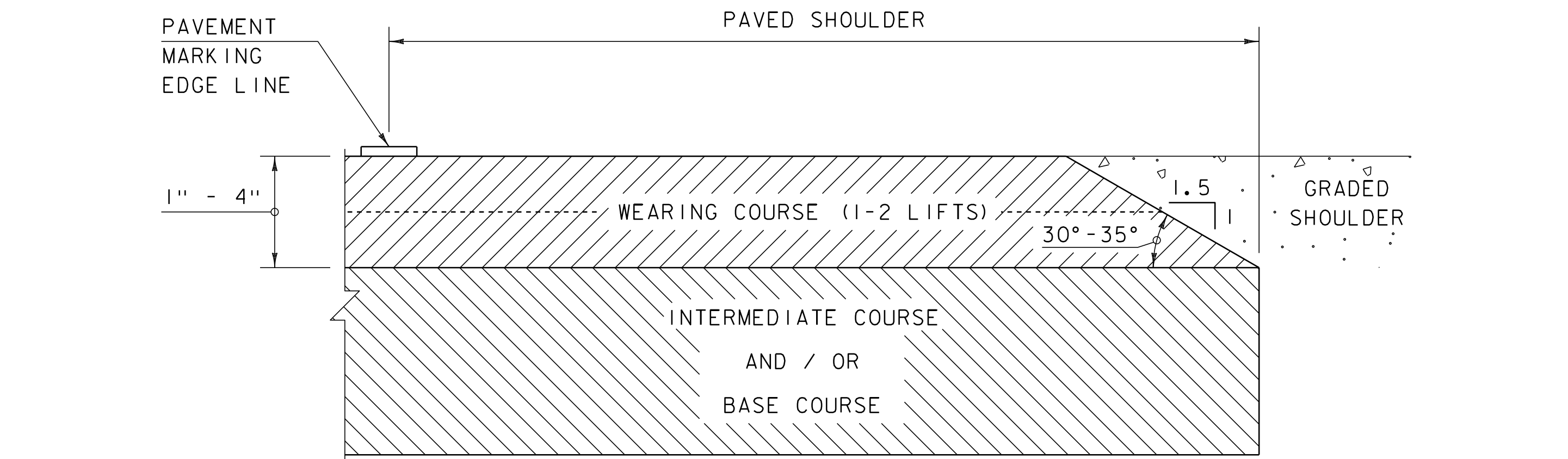
**APPROACH AREA DETAIL - MAINLINE
 IN LEVEL AND OVERLAY AREAS**

LOCATION
 BLOOMFIELD 28+96 TO 29+96
 LEMINGTON L192+35 TO L193+35.36

NOT TO SCALE

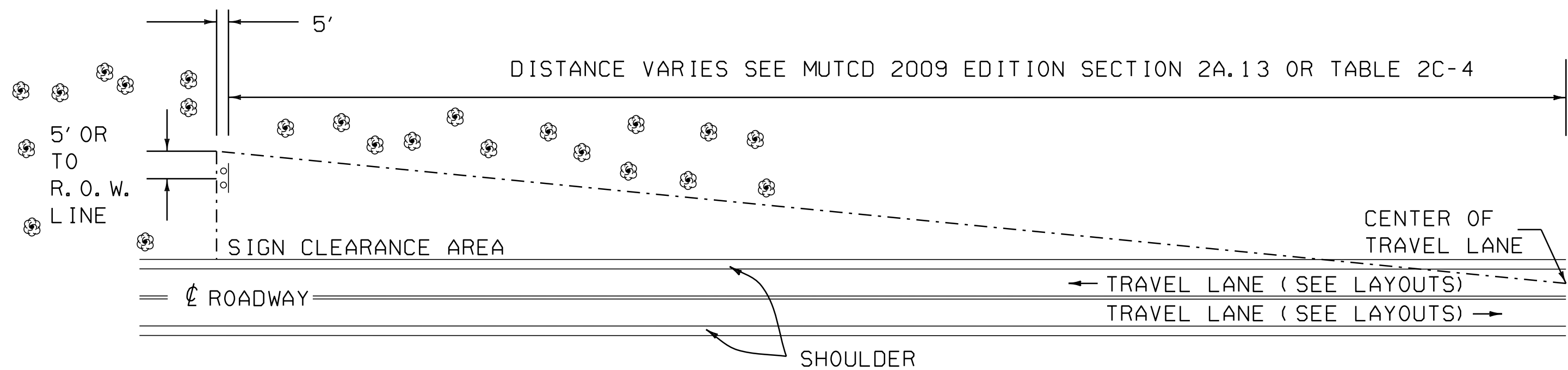
PROJECT TYPICAL SHEET

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(1)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:58
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_4	SHEET 4 OF 82



SAFETY EDGE DETAIL

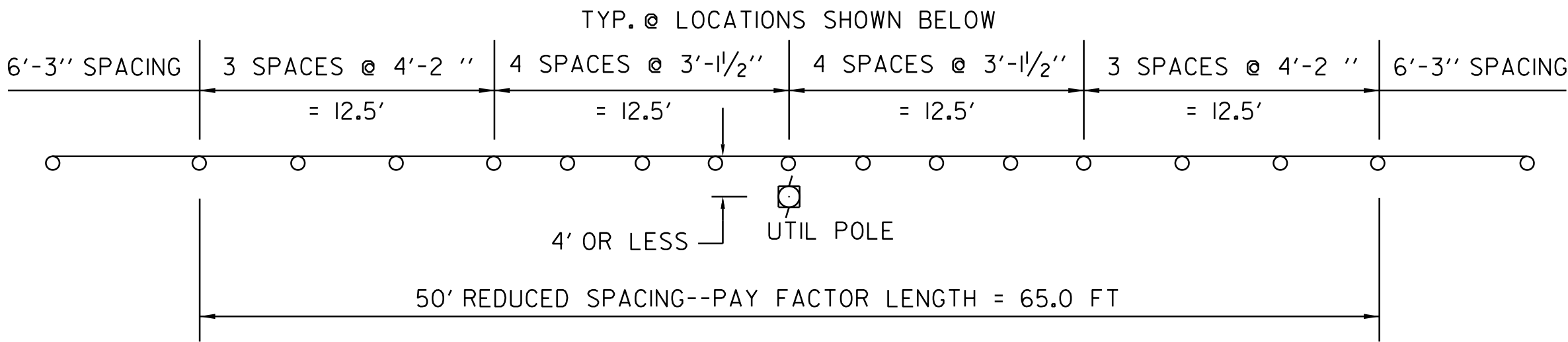
NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.



THINNING AND TRIMMING MAY BE REQUIRED AT SIGN LOCATIONS AS NOTED BELOW OR AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL. PAYMENT WILL BE UNDER ITEM 201.31, THINNING AND TRIMMING FOR SIGNS. NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

THINNING AND TRIMMING DETAIL

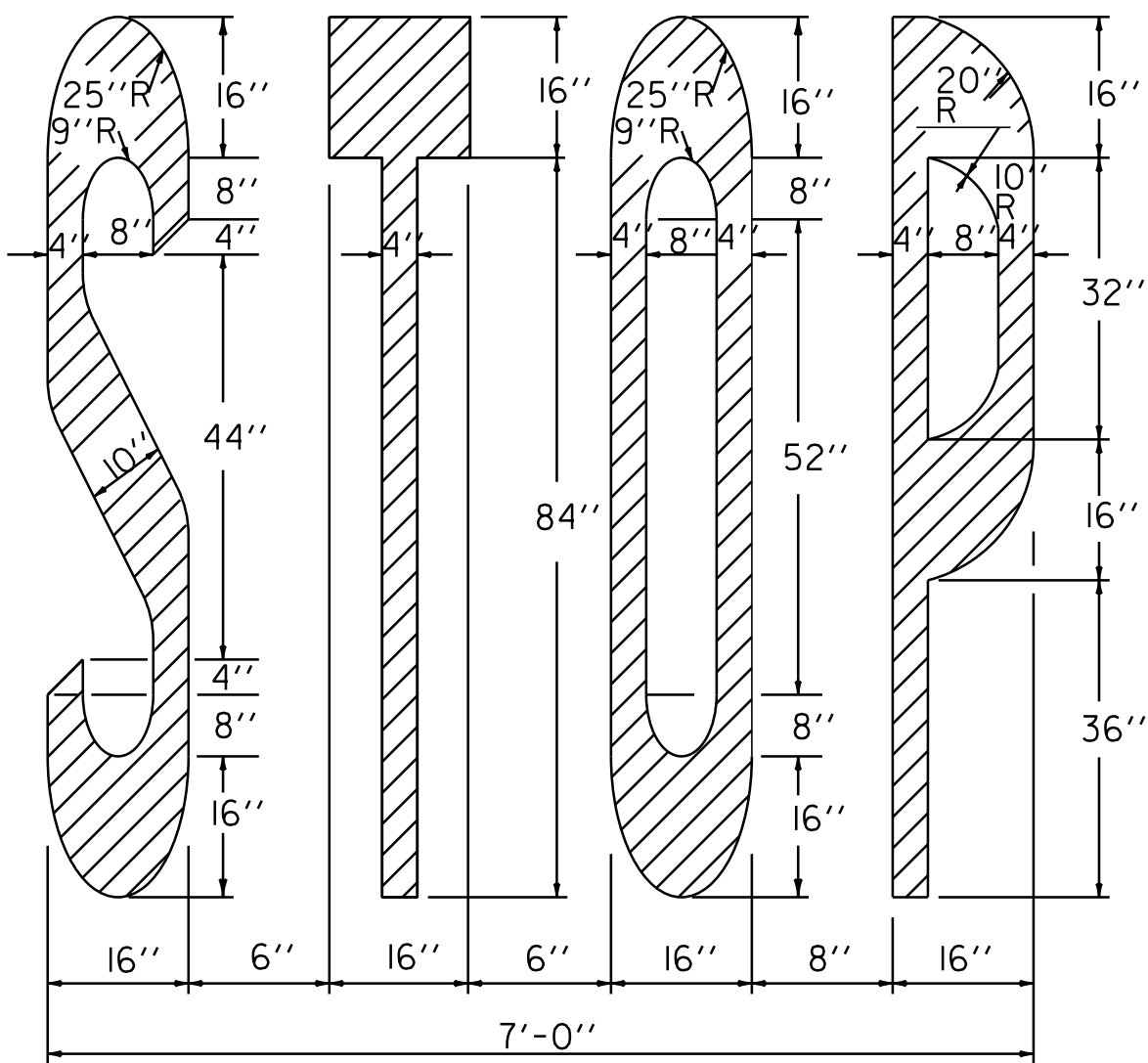
LEMINGTON
L130+17 LT



GUARDRAIL DETAIL

OBJECTS WITHIN 4.0 FT OF GUARDRAIL
LOCATION

BLOOMFIELD
298+11 RT
324+46 RT
326+85 RT



PAVEMENT MARKING DETAIL

MISCELLANEOUS DETAILS SHEET

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06C052.5

PLOT DATE: 19-JUN-2013 16:59
DRAWN BY: SNG
CHECKED BY: PTS
SHEET 5 OF 82

NOT TO SCALE

BLOOMFIELD MM 6.024



WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1
USE SCHEDULE I FOR APPROACH RAILING. WHEN A
RAIL PANEL SPLICE OCCURS AT THE BRIDGE END
POST USE SCHEDULE II FOR APPROACH RAILING.



SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1.5"	1.4 x 18'-9"
2	3'-1.5"	
3	3'-1.5"	
4	3'-1.5"	
5	3'-1.5"	
6	3'-1.5"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	6'-3"	
11	(TYP.)	1.0 (TYP.)

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(1)

FILE NAME: /pave/06c052/pc052

PROJECT LEADER: PTS

DESIGNED BY: NLL
IPARM FILE NAME: 06C052_6

PLOT DATE: 19-JUN-2013 16:59

DRAWN BY: SNG

CHECKED BY: PTS

SHEET 6 OF 82

NOT TO SCALE

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES								TOTALS			DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES				
								ROADWAY	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS
								I			I		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-			COLD PLANING, BITUMINOUS PAVEMENT
								I520			I520		CY	EARTH BORROW	203.30	20	589	SY	VT 102
								I1000			I1000		LF	SHOULDER BERM REMOVAL	203.40	58	600	SY	TOWN HIGHWAYS
								I			I		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-			SUBTOTAL
								I200			I200		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	11	1189	SY	ROUNDING
								445			445		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	4	1200	SY	TOTAL
								3950			3950		TON	AGGREGATE SHOULDERS	402.12	28			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
								I5			I5		TON	AGGREGATE SHOULDERS, RAP	402.13	EST.	13583	TON	ROUTE X, TYPE IVS, WEARING COURSE
								I020			I020		CWT	EMULSIFIED ASPHALT	404.65	3	4374	TON	ROUTE X, TYPE IVS, LEVELING COURSE
								I			I		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-			
								I8300			I8300		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	199	53	TON	TOWN HIGHWAYS, TYPE IVS, WEARING COURSE
								I			I		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	91	TON	GRAVEL PULLOFFS, TYPE IVS, WEARING COURSE
								I			I		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-			SUBTOTAL
								I			I		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-	18101	TON	ROUNDING
								I			I		LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-	18300	TON	TOTAL
									60		60		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	4			
									20		20		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.			
								I00			I00		HR	POWER GRADER RENTAL	608.15	EST.			
								250			250		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.			
								205			205		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.			
								500			500		HR	TRUCK RENTAL	608.37	EST.			
								250			250		HR	LOADER RENTAL, TYPE I	608.40	EST.			
								305			305		CY	STONE FILL, TYPE I	613.10	4			
								45			45		CY	STONE FILL, TYPE II	613.11	4			
								I0			I0		LF	TREATED TIMBER CURB	616.35	-			
								5			5		EACH	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	-			
								I20			I20		EACH	YIELDING MARKER POSTS	619.17	EST.			
								4475			4475		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	31.5			
								4775			4775		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	31			
								I25			I25		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	12.4			
								53			53		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-			
								3			3		EACH	MANUFACTURED TERMINAL SECTION, TANGENT	621.51	-			
								4			4		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
								I75			I75		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	EST.			
								90			90		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	EST.			
								675			675		LF	ADJUST HEIGHT OF GUARDRAIL	621.79	20.5			
								I0100			I0100		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	10.5			
								54			54		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-			
								I800			I800		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.			
								5350			5350		HR	FLAGGERS	630.15	EST.			
																		PROJECT NAME: BLOOMFIELD-LEMINGTON	
																		PROJECT NUMBER: STP 2610(1)	
																		FILE NAME: /pave/06c052/pc052	
																		PLOT DATE: 19-JUN-2013 16:59	
																		PROJECT LEADER: PTS	
																		DRAWN BY: SNG	
																		DESIGNED BY: NLL	
																		CHECKED BY: PTS	
																		IPARM FILE NAME: 06C052.7	
																		SHEET 7 OF 82	

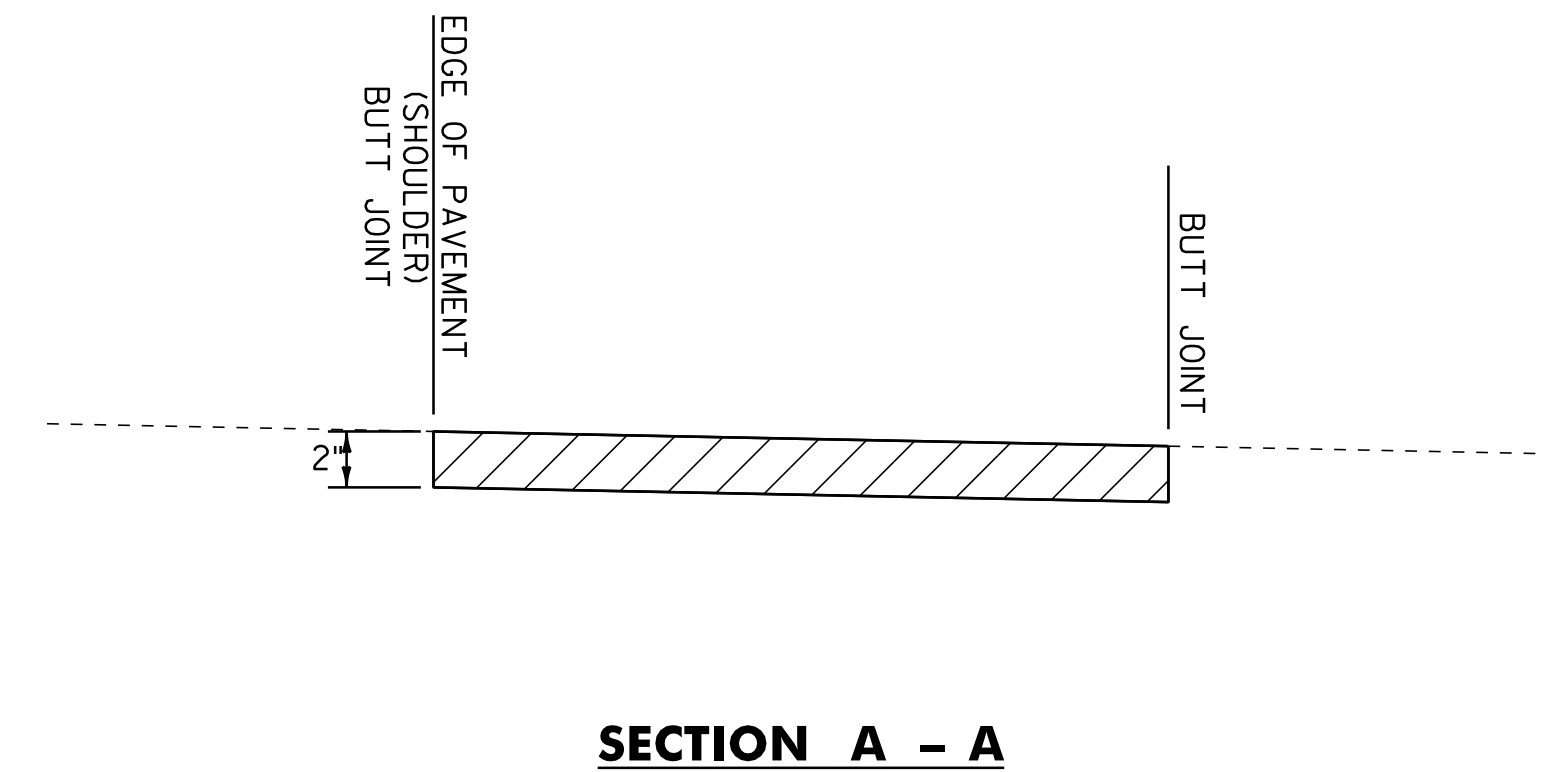
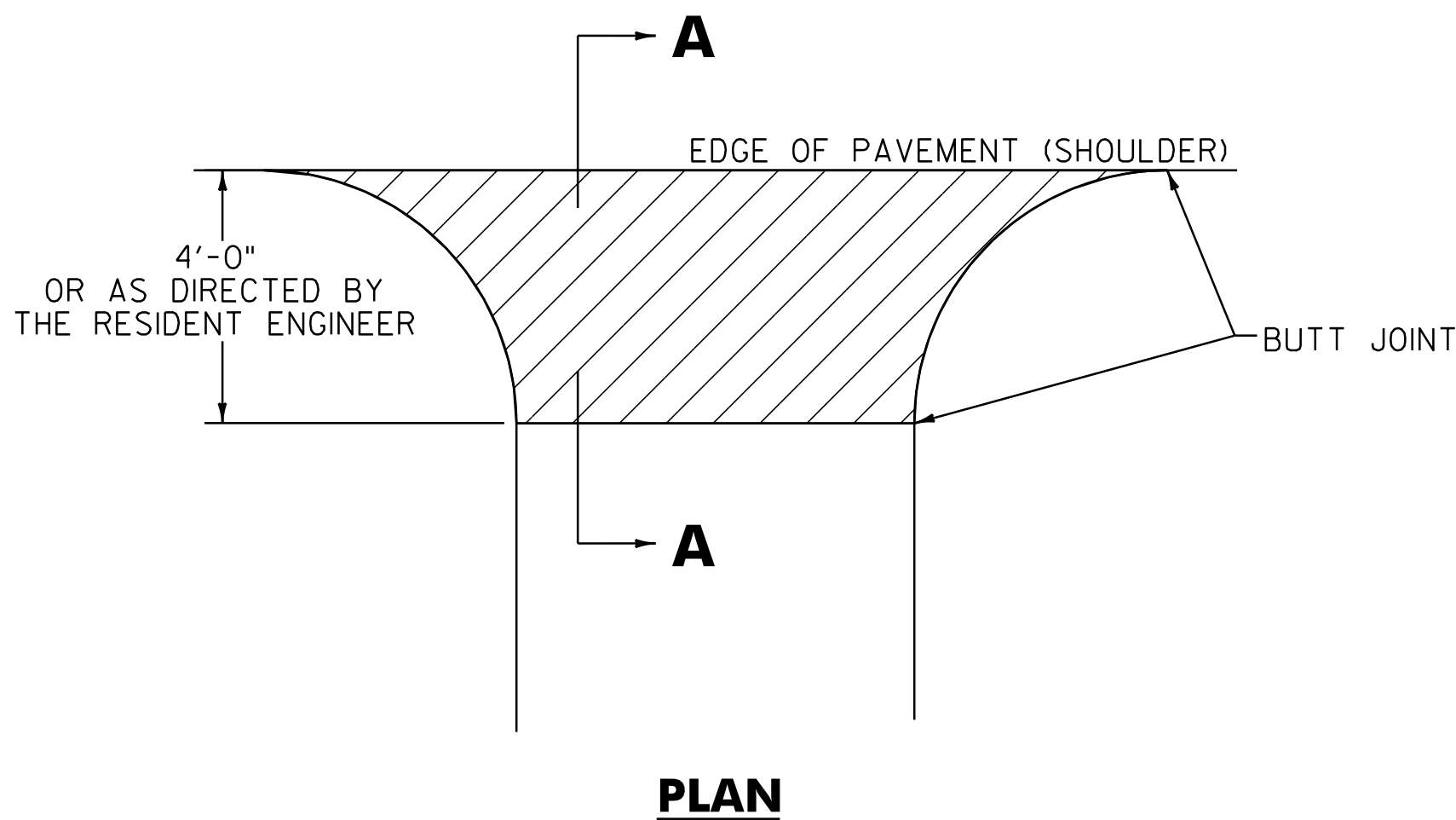
QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES										TOTALS			DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
								ROADWAY	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS
										I	I		LS	FIELD OFFICE, ENGINEERS	631.10	-			
										I	I		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
										3000	3000		DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-			
								I			I		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
								I			I		LS	TRAFFIC CONTROL	641.10	-			
														BEGIN OPTION AA					
								106300			106300		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	104			
								106300			106300		LF	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	646.403	104			
								106300			106300		LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	104			
														END OPTION AA					
														BEGIN OPTION BB					
								79600			79600		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	20			
								79600			79600		LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	20			
								79600			79600		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	20			
														END OPTION BB					
														BEGIN OPTION CC					
								60			60		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	1			
								60			60		LF	DURABLE 24 INCH STOP BAR, EPOXY PAINT	646.483	1			
								60			60		LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	1			
														END OPTION CC					
														BEGIN OPTION DD					
								8			8		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-			
								8			8		EACH	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-			
								8			8		EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-			
														END OPTION DD					
								106300			106300		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	104			
								79600			79600		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	20			
								60			60		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	1			
								8			8		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-			
								4700			4700		EACH	LINE STRIPING TARGETS	646.76	65			
								1450			1450		SY	GEOTEXTILE UNDER STONE FILL	649.31	28			
								75			75		LB	SEED	651.15	1			
								250			250		LB	FERTILIZER	651.18	EST.			
								2			2		TON	AGRICULTURAL LIMESTONE	651.20	EST.			
								2			2		TON	HAY MULCH	651.25	EST.			
								225			225		CY	TOPSOIL	651.35	EST.			
								2700			2700		SY	TEMPORARY EROSION MATTING	653.20	72			
								415			415		SF	TRAFFIC SIGNS, TYPE A	675.20	2.07			
								180			180		LB	TUBULAR STEEL SIGN POST	675.33	1.4			
								1860			1860		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
																	PROJECT NAME: BLOOMFIELD-LEMINGTON		
																	PROJECT NUMBER: STP 2610(1)		
																	FILE NAME: /pave/06c052/pc052		
																	PLOT DATE: 19-JUN-2013 16:59		
																	PROJECT LEADER: PTS		
																	DRAWN BY: SNG		
																	DESIGNED BY: NLL		
																	CHECKED BY: PTS		
																	IPARM FILE NAME: 06C052.8		
																	SHEET 8 OF 82		

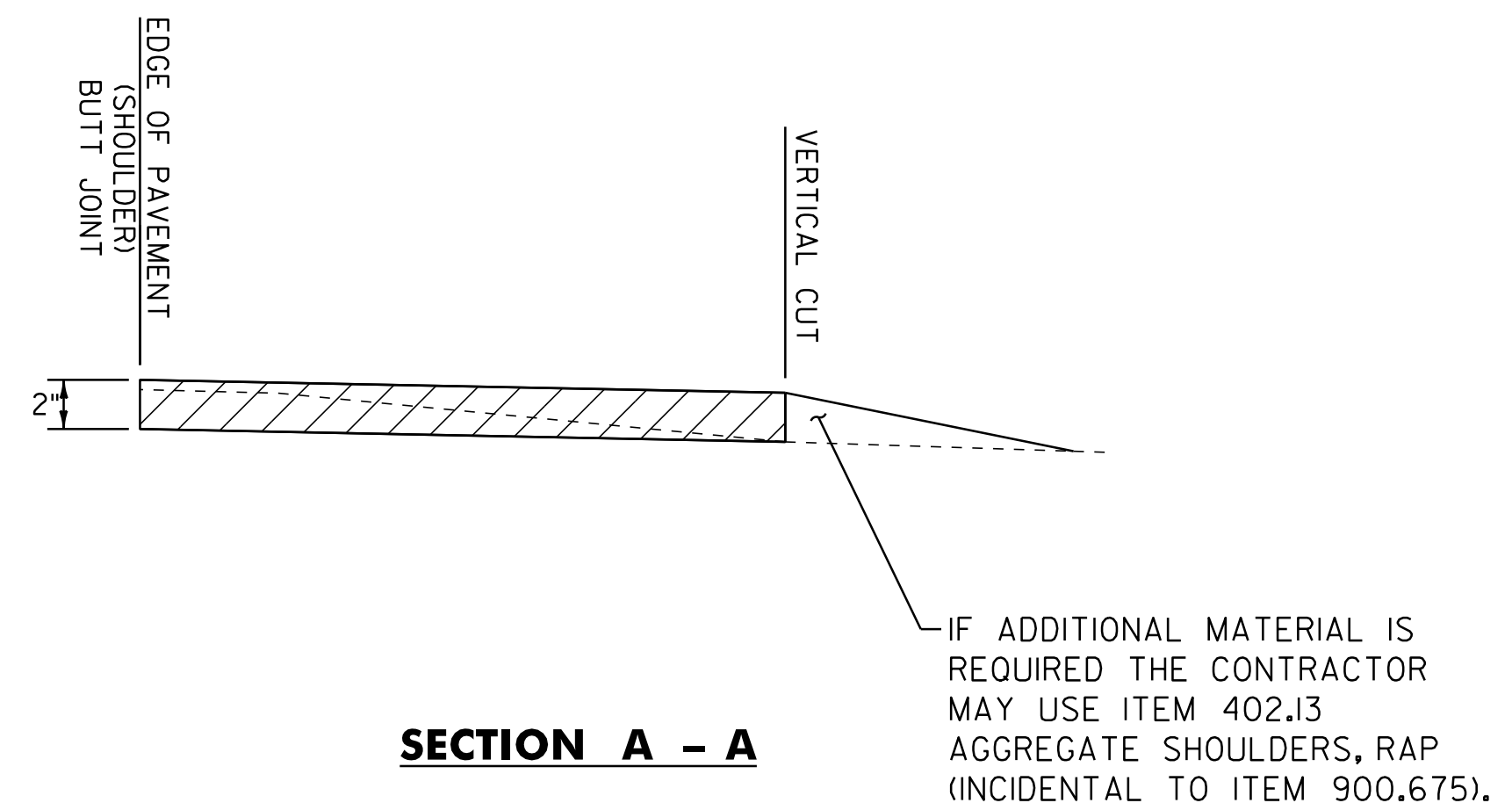
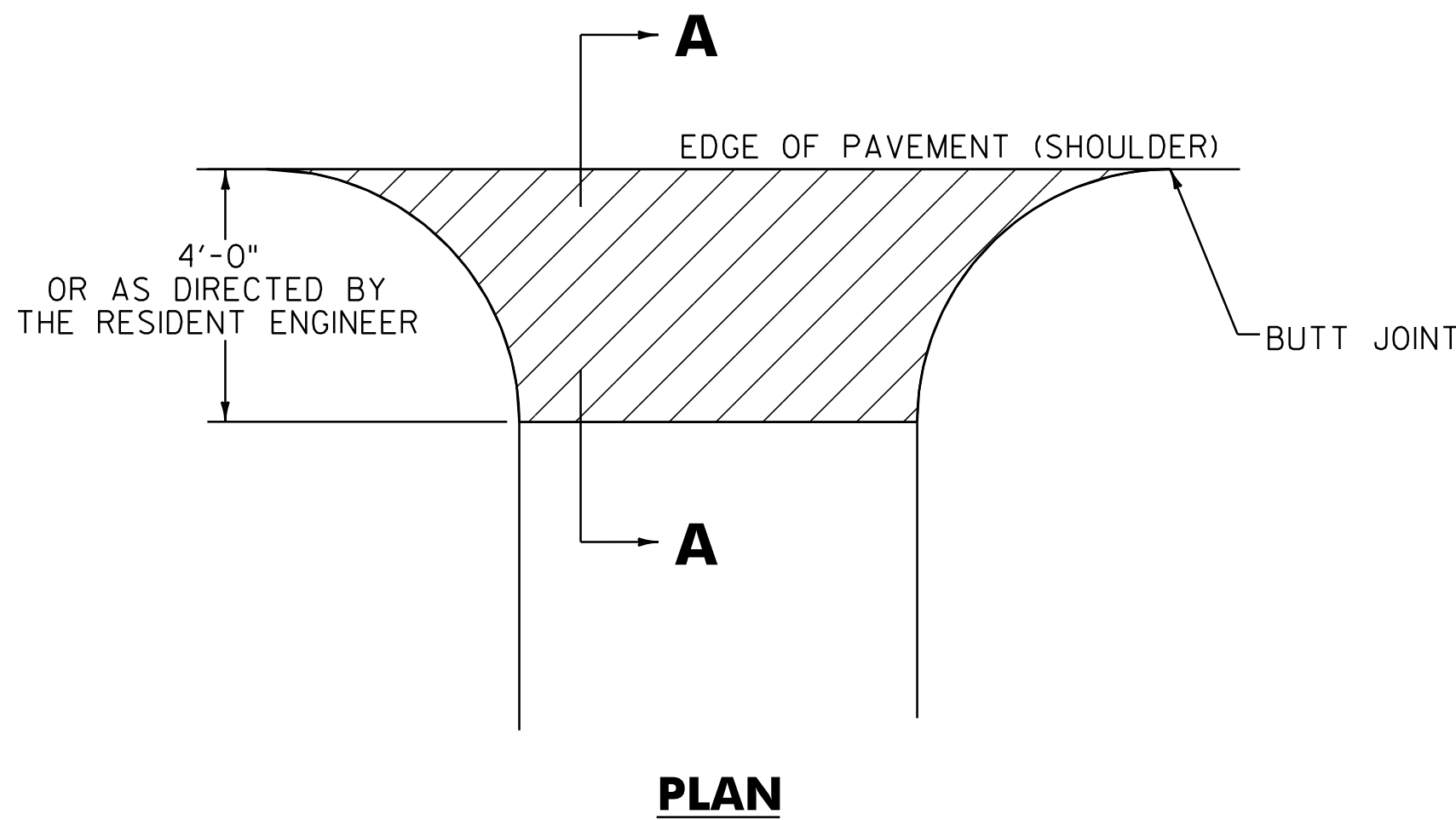
QUANTITY SHEET 3

[illegible]

LOCATION OF DRIVES						
STATION	POSITION	QUANTITY (SY)		STATION	POSITION	QUANTITY (SY)
VT 102				BLOOMFIELD		
BLOOMFIELD						
29+20	LT	7.0		292+85	RT	24.8
30+62	RT	7.5		298+42	RT	10.6
38+00	LT	4.8		315+79	LT	11.0
46+90	RT	5.2		319+54	LT	6.1
52+88	RT	7.5		321+13	LT	7.5
55+66	LT	9.2		322+33	LT	7.5
60+68	LT	4.8		323+49	LT	16.4
62+90	LT	6.6		339+56	LT	7.0
65+42	LT	6.6		347+32	LT	12.4
70+04	RT	11.9		349+17	LT	9.2
82+83	RT	11.9		350+44	RT	5.2
85+64	LT	10.1		352+83	LT	7.0
107+15	RT	4.4		355+37	LT	11.9
118+48	LT	8.8		357+90	LT	6.6
118+48	RT	8.8		361+15	LT	16.4
129+12	LT	6.1		361+56	RT	7.5
130+95	RT	7.5		365+21	LT	13.7
132+53	RT	4.4		366+25	RT	6.6
145+61	RT	5.2				
146+54	LT	9.2		LEMINGTON		
149+86	RT	7.5				
154+60	RT	6.6		L 2+80	RT	5.2
155+06	LT	5.7		L 11+29	LT	5.2
158+25	RT	16.8		L 14+50	LT	3.9
165+69	LT	9.7		L 17+05	RT	6.6
168+84	LT	15.5		L 19+56	RT	7.9
174+85	LT	7.0		L 29+65	LT	5.2
178+24	LT	8.8		L 60+45	RT	5.2
179+50	RT	12.4		L 62+23	LT	6.1
184+47	LT	20.8		L 64+04	LT	6.1
186+32	LT	14.1		L 65+68	RT	24.8
187+02	LT	13.2		L 72+66	LT	8.8
187+59	RT	15.5		L 74+32	LT	11.9
188+30	LT	9.7		L 76+99	RT	13.7
191+48	RT	14.6		L 89+40	LT	11.9
201+90	LT	10.1		L 90+15	LT	11.0
203+35	RT	7.5		L 90+94	LT	11.0
204+72	RT	5.2		L 93+83	LT	8.4
205+21	LT	5.7		L 108+26	LT	27.0
206+59	RT	3.9		L 112+67	LT	15.5
207+37	LT	10.6		L 115+25	LT	7.9
208+07	LT	7.5		L 116+26	LT	8.4
210+16	RT	5.2		L 124+79	LT	7.5
211+16	RT	6.6		L 125+98	LT	11.5
212+04	LT	5.7		L 125+98	RT	3.9
213+56	RT	6.1		L 129+02	LT	7.5
215+70	LT	5.7		L 133+64	LT	22.1
220+39	RT	7.5		L 137+79	LT	9.7
222+75	LT	8.8		L 140+55	RT	5.2
223+34	LT	6.6		L 141+66	LT	15.0
226+63	RT	5.2		L 143+42	LT	10.6
227+19	LT	7.9		L 145+94	LT	30.1
230+40	LT	8.8		L 153+12	LT	11.0
237+30	LT	6.1		L 158+31	LT	12.8
239+08	LT	9.7		L 161+50	LT	11.5
241+23	RT	6.1		L 165+22	LT	9.7
253+48	LT	7.5		L 169+75	LT	9.2
255+45	LT	13.7		L 173+07	LT	7.5
259+15	RT	6.1		L 179+83	LT	7.5
263+70	LT	8.8		L 191+86	RT	8.8
266+20	RT	7.0				
270+43	LT	7.9				
272+72	LT	6.6				
273+18	RT	10.6				
281+90	LT	5.7				
284+78	LT	6.6				
291+86	LT	8.4				
292+71	LT	23.0				
			</			



HANDWORK DETAILS FOR PAVED DRIVES



HANDWORK DETAILS FOR GRAVEL DRIVES

NOTES

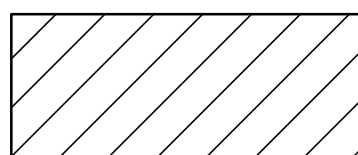
I. PAVING LIFT NOT TO EXCEED 2" (50mm).

2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES AT LEAST 24 HOURS BEFORE PAVING, WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.

3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675.

4. HAND-PLACED BITUMINOUS CONCRETE MATERIAL PLACED LESS THAN 12.5 mm (1/2 INCH) THICK WILL NOT BE MEASURED FOR PAYMENT).

LEGEND



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

HANDWORK DETAIL SHEET

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PLOT DATE: 19-JUN-2013 16:59

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NLL

CHECKED BY: PTS

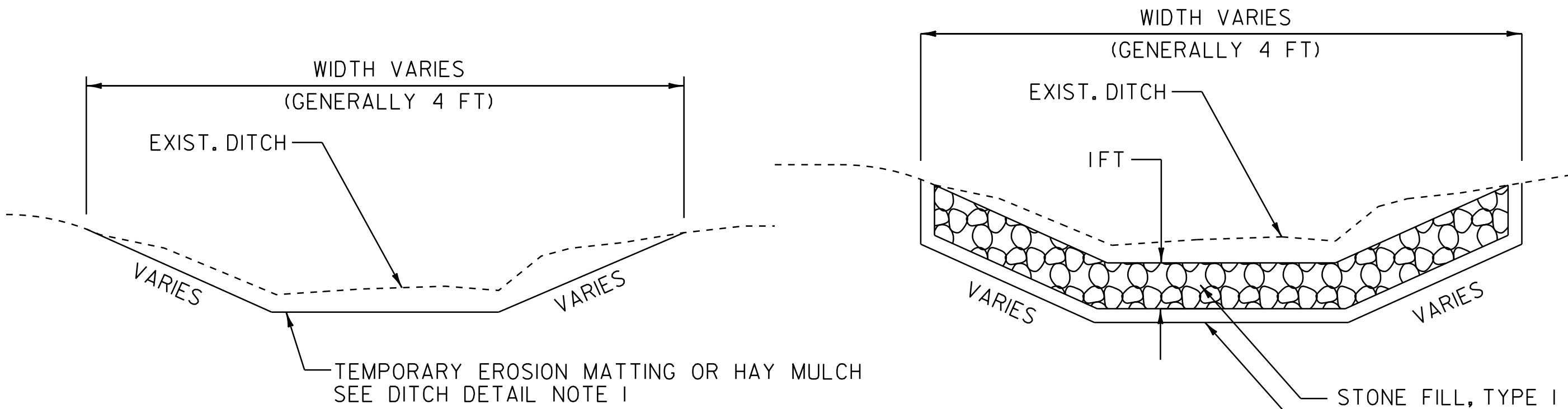
IPARM FILE NAME: 06C052_IO

SHEET 10 OF 82

NOT TO SCALE

LOCATION				FEET OF DITCHING			MISC. ITEMS					REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			613.I0	613.II	649.3I	65I.I5	653.20	
				0-I	I-2.5	2.5-I0	STONE FILL, TYP. I	STONE FILL, TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
	BLOOMFIELD			LF	LF	LF	CY	CY	SY	LBS	SY	
1	92+25		RT			15	2		10			EXISTING PAVED GUTTER (I5'X3')
2	129+35	129+44	LT			15		11	20			SLOPE STABILIZATION (I5'XI0')
3	129+58	129+78	LT			15		9	17			SLOPE STABILIZATION (I5'X8')
4	211+20	215+95	LT	475						3		
5	215+95	217+01	LT		106					1	47	
6	217+01	228+62	LT			1056	157		704			
7	228+62	229+68	LT		211					1	94	
8	229+68	232+32	LT	264						2		
9	277+20	278+26	LT	106						1		
10	278+26	280+37	LT			211	32		141			
11	280+37	282+48	LT		211					1	94	
12	282+48	285+12	LT	264						2		
13	290+40	291+98	LT	158						1		
14	291+98	293+04	LT		106					1	47	
15	293+04	300+43	LT			739	110		493			
16	300+43	306+77	LT		634					4	282	
17	306+77	308+88	LT	211						1		
18	308+88	313+10	LT		422					2	188	
19	313+10	321+55	LT	845						5		
20	317+93	318+08	RT			15		4	10			SLOPE STABILIZATION
21	321+55	326+83	LT		528					3	235	
22	326+83	333+17	LT	634						4		
23	333+17	336+34	LT		317					2	141	
24	336+34	348+48	LT	1214						7		
	LEMINGTON											
	L173+65		RT			15		17	25			I5' X I5' SLOPE STABILIZATION
	62I.50 MTS, FLARED									31	1325	
	62I.5I MTS, TANGENT									1	75	
	62I.60 ANCHOR FOR STEEL BEAM RAIL									1	100	
	PROJECT SUBTOTALS						301	41	1420	74	2628	
	ROUNDINGS						4	4	30	1	72	
	PROJECT TOTALS						305	45	1450	75	2700	

NOT TO SCALE



DITCH DETAIL 0.0 TO 2.5 PERCENT

DITCH DETAIL > 2.5 PERCENT

DITCH DETAIL NOTES

1. GRADES LESS THAN 1 PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1 AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE RESIDENT ENGINEER.
2. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

SEEDING NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.
- FERTILIZER: 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: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

DITCH CLEANING SHEET

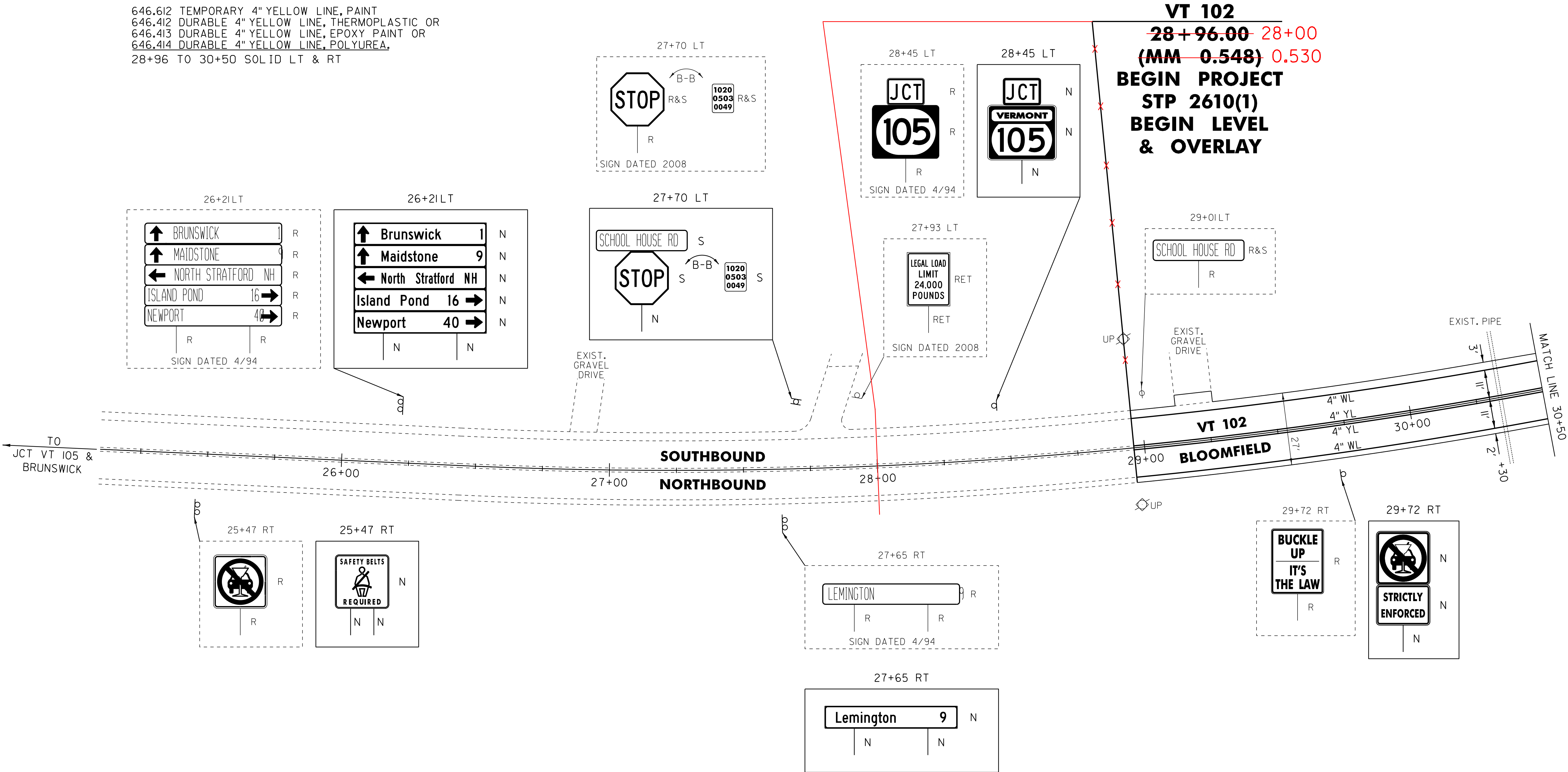
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PROJECT NUMBER: STP 2610(1)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.14	SHEET 14 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
28+96 TO 30+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
28+96 TO 30+50 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 13

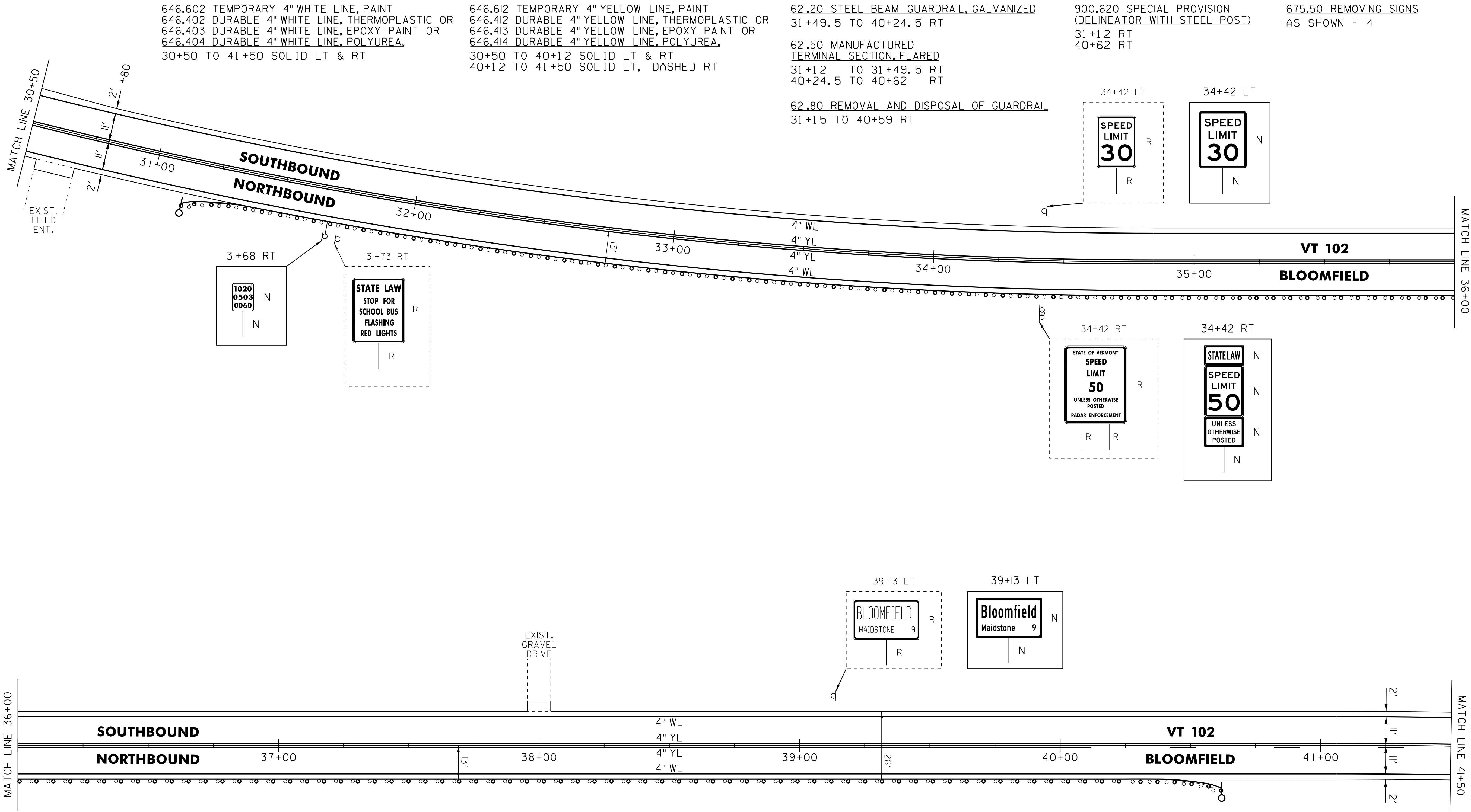
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 1		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052		PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS		DRAWN BY: SNG
DESIGNED BY: NLL		CHECKED BY: PTS
IPARM FILE NAME: 06C052.I5		SHEET 15 OF 82



NOT TO SCALE

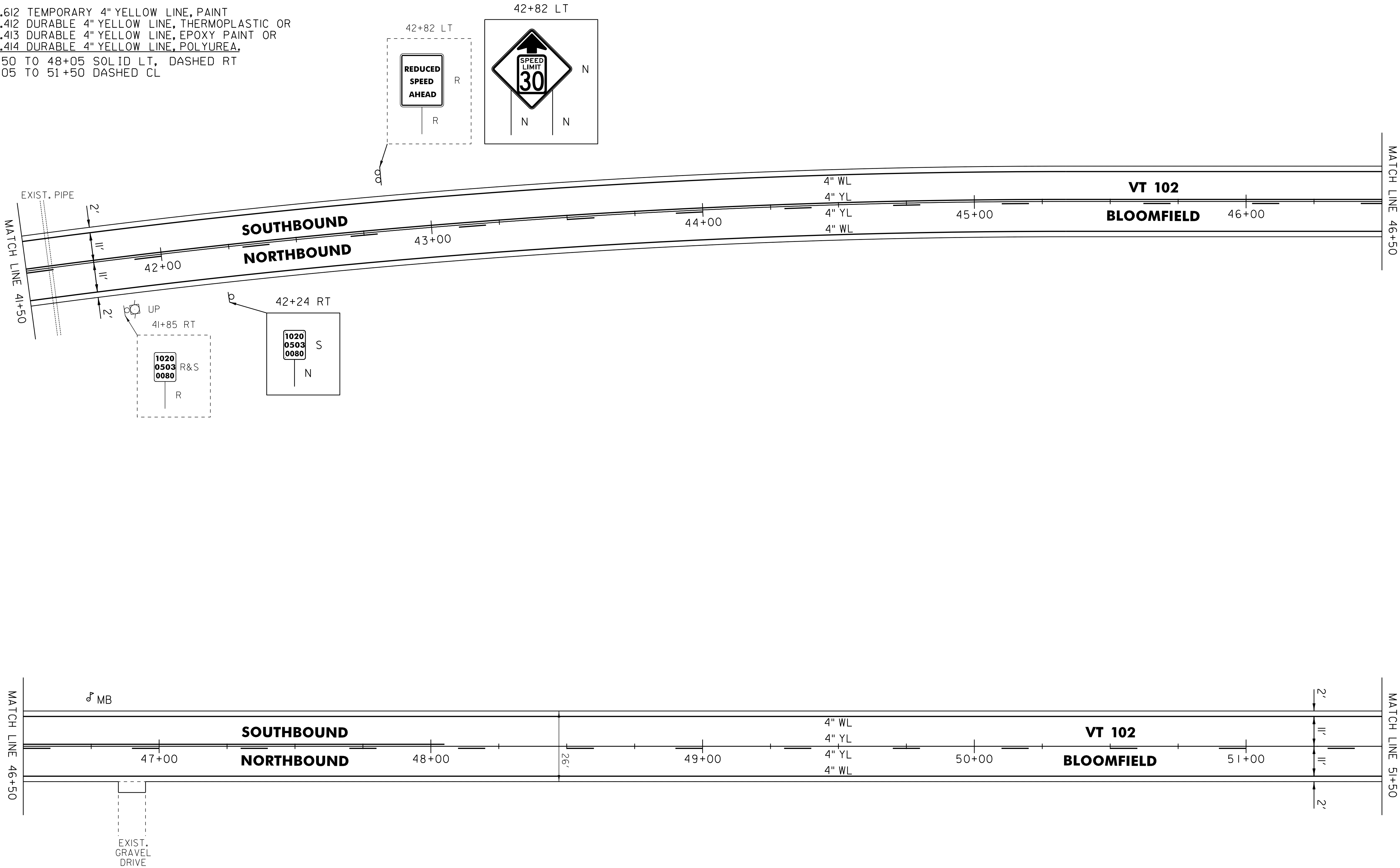
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646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA.
41+50 TO 51+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA.
41+50 TO 48+05 SOLID LT, DASHED RT
48+05 TO 51+50 DASHED CL

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
46+74 LT

675.50 REMOVING SIGNS
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 3		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_17	SHEET 17 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
51+50 TO 61+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
51+50 TO 53+59 DASHED CL
53+59 TO 61+50 DASHED LT, SOLID RT

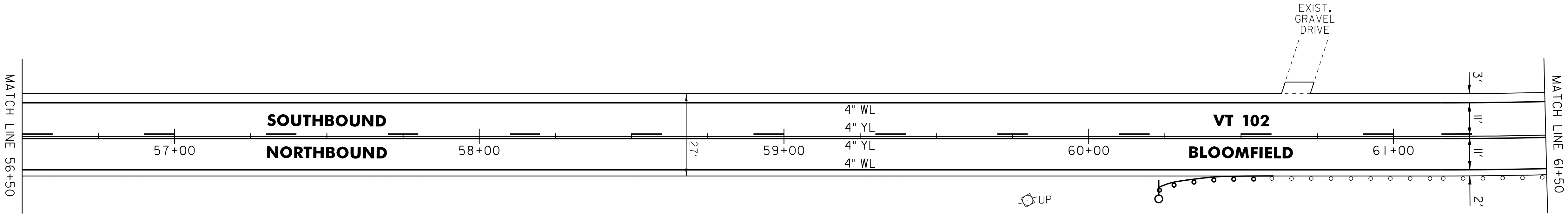
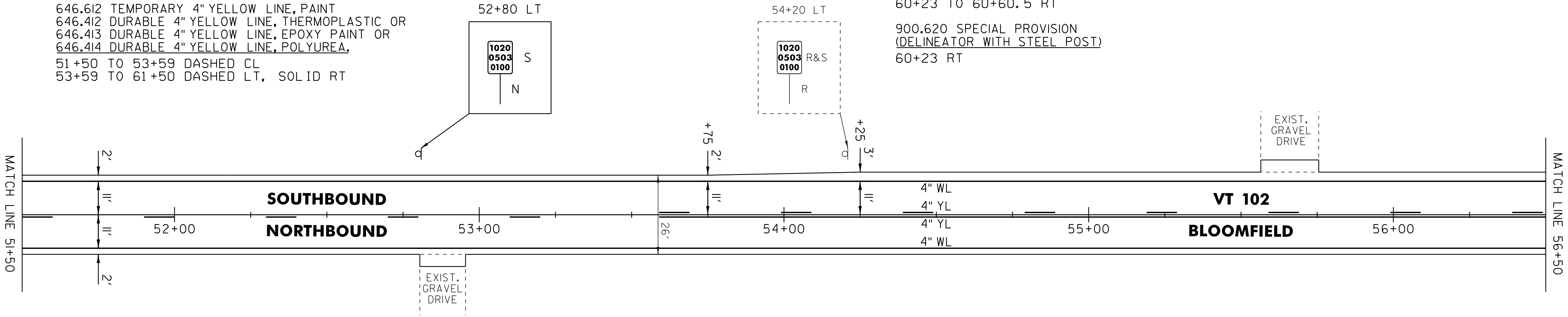
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
60+23 TO 60+60.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
60+23 TO 60+60.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
60+23 RT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 4		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.18	SHEET 18 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
61+50 TO 71+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
61+50 TO 61+51 DASHED LT, SOLID RT
61+51 TO 63+36 SOLID LT & RT
63+36 TO 71+50 SOLID LT, DASHED RT

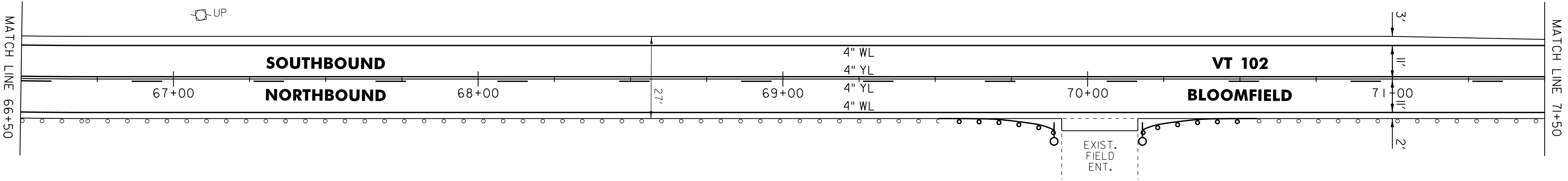
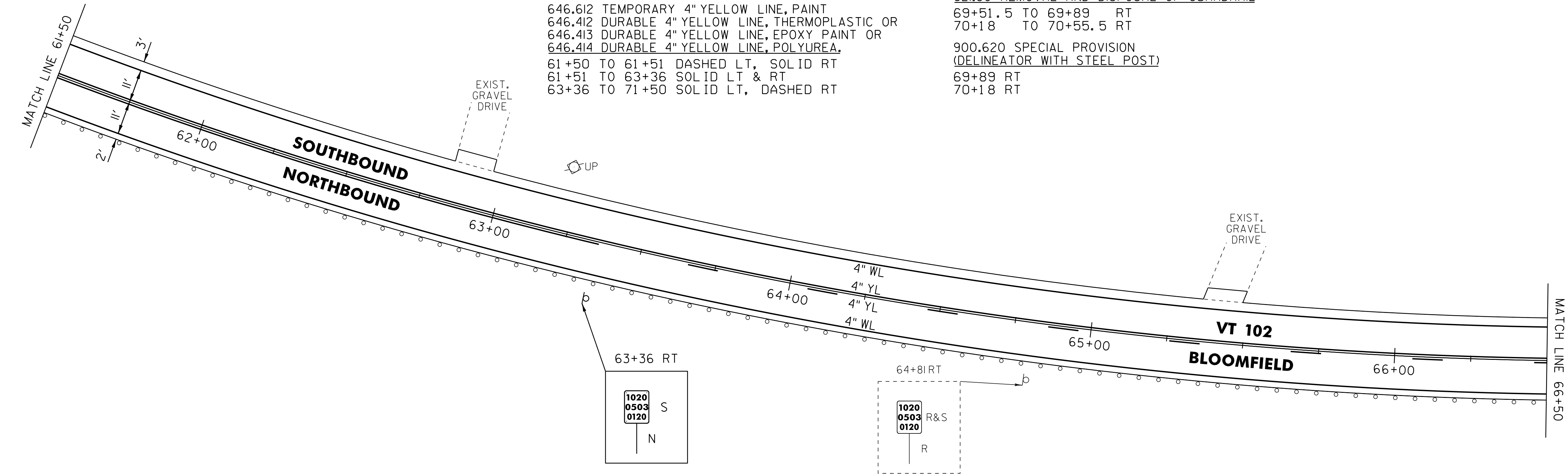
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
69+51.5 TO 69+89 RT
70+18 TO 70+55.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
69+51.5 TO 69+89 RT
70+18 TO 70+55.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

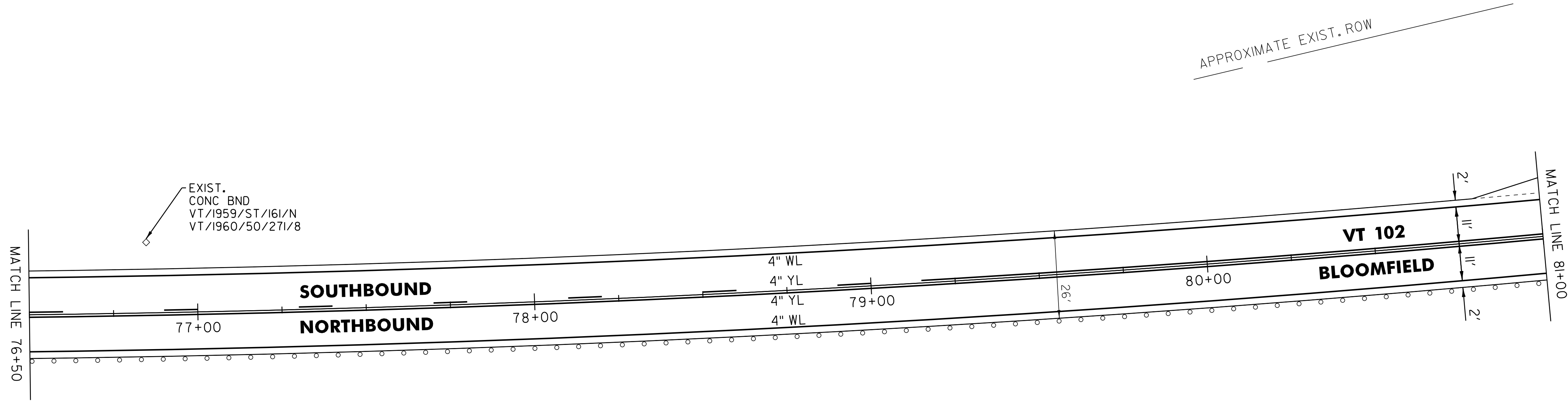
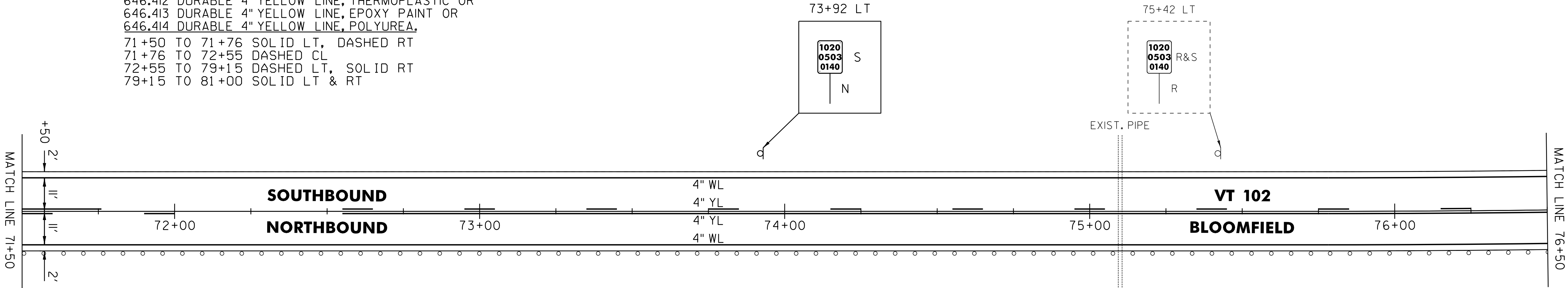
ROADWAY LAYOUT 5		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.I9	SHEET 19 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA.
71+50 TO 81+00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA.
71+50 TO 71+76 SOLID LT, DASHED RT
71+76 TO 72+55 DASHED CL
72+55 TO 79+15 DASHED LT, SOLID RT
79+15 TO 81+00 SOLID LT & RT



LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 6

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 06C052.20

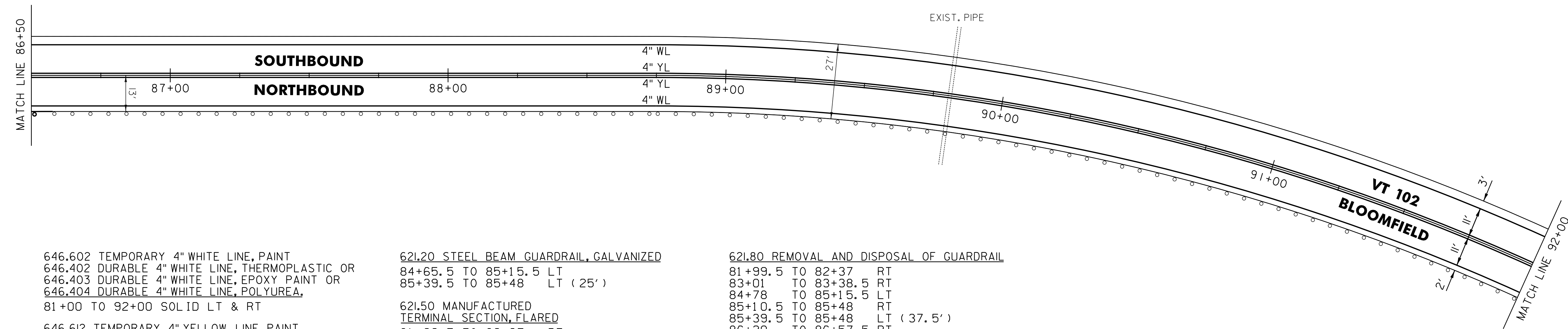
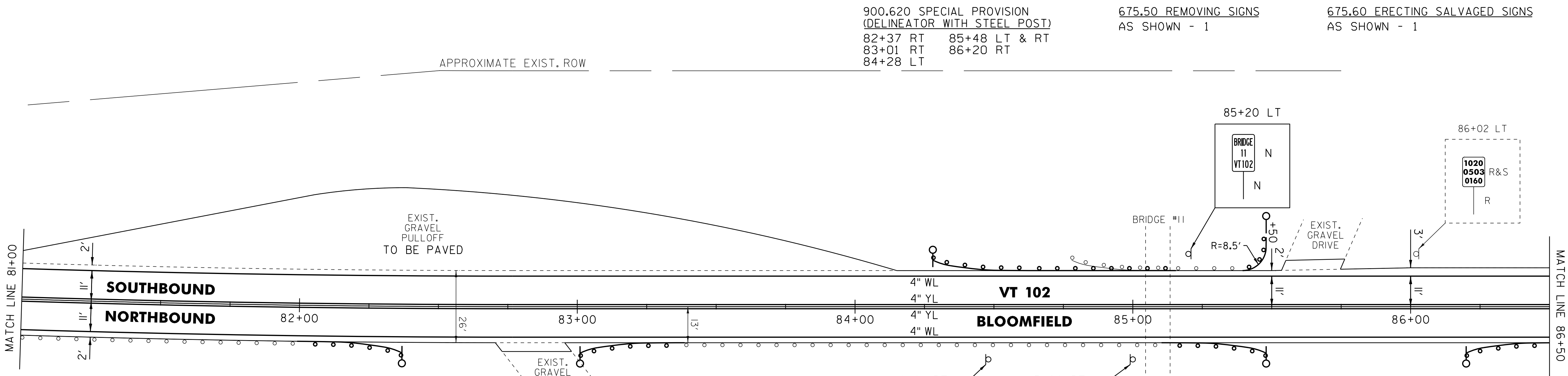
PLOT DATE: 19-JUN-2013 16:59

DRAWN BY: SNG

CHECKED BY: PTS

SHEET 20 OF 82

NOT TO SCALE



- 646.602 TEMPORARY 4" WHITE LINE, PAINT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR

646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR

646.404 DURABLE 4" WHITE LINE, POLYUREA,

81+00 TO 92+00 SOLID LT & RT
- 646.612 TEMPORARY 4" YELLOW LINE, PAINT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR

646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR

646.414 DURABLE 4" YELLOW LINE, POLYUREA,

81+00 TO 92+00 SOLID LT & RT
- 621.20 STEEL BEAM GUARDRAIL, GALVANIZED

84+65.5 TO 85+15.5 LT

85+39.5 TO 85+48 LT (25')
- 621.50 MANUFACTURED

TERMINAL SECTION, FLARED

81+99.5 TO 82+37 RT

83+01 TO 83+38.5 RT

84+28 TO 84+65.5 LT

85+10.5 TO 85+48 RT

86+20 TO 86+57.5 RT

- 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

81+99.5 TO 82+37 RT

83+01 TO 83+38.5 RT

84+78 TO 85+15.5 LT

85+10.5 TO 85+48 RT

85+39.5 TO 85+48 LT (37.5')

86+20 TO 86+57.5 RT
- 621.60 ANCHOR FOR STEEL BEAM RAIL

85+48 LT

- LEGEND
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 7

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.21	SHEET 21 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
92+00 TO 103+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
92+00 TO 101+38 SOLID LT & RT
101+38 TO 103+00 SOLID LT, DASHED RT

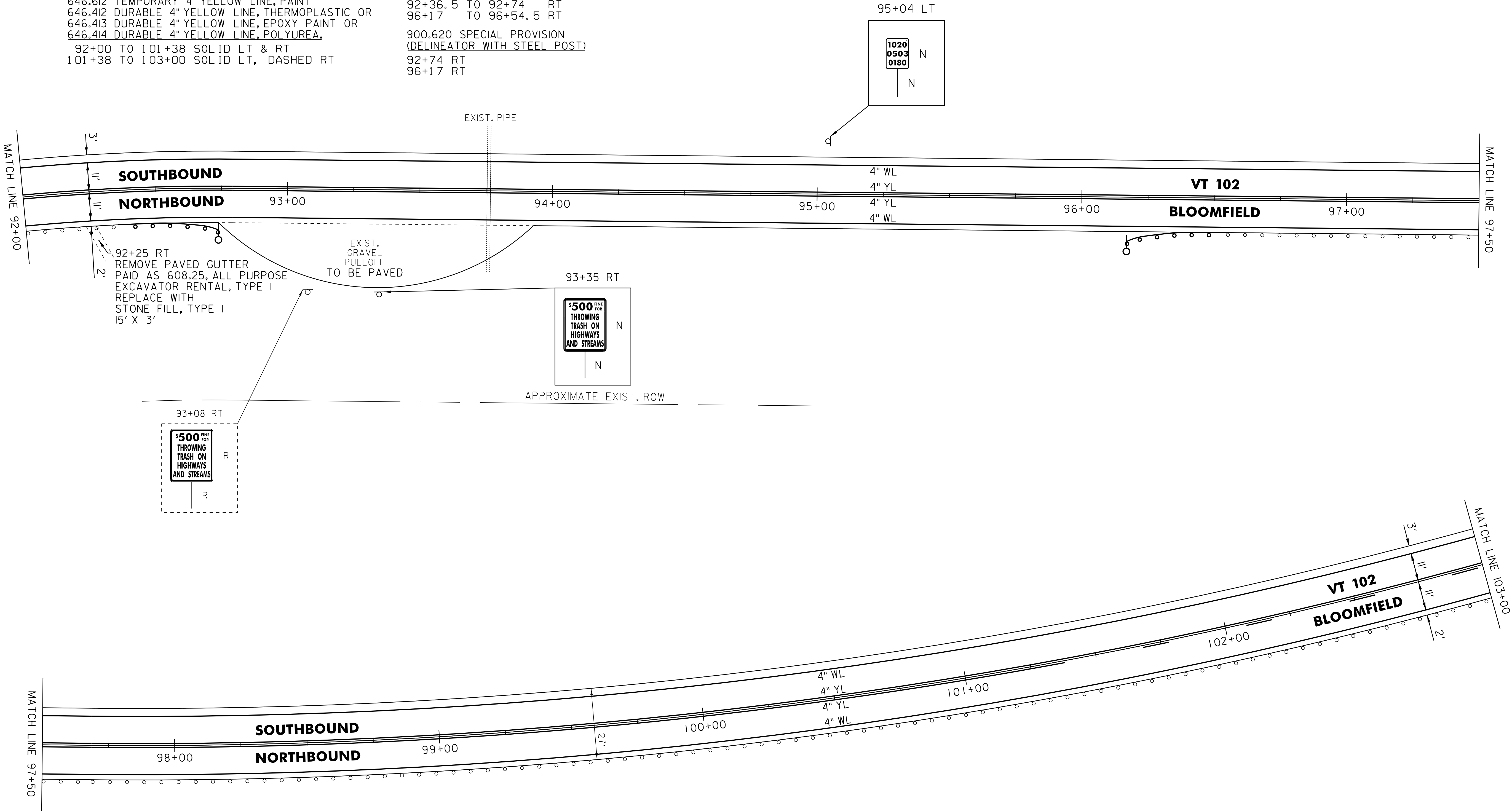
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
92+36.5 TO 92+74 RT
96+17 TO 96+54.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
92+36.5 TO 92+74 RT
96+17 TO 96+54.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
92+74 RT
96+17 RT

613.10 STONE FILL, TYPE I
92+25 RT

675.50 REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 8		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.22	SHEET 22 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
103+00 TO 114+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
103+00 TO 109+30 SOLID LT, DASHED RT
109+30 TO 114+00 DASHED CL

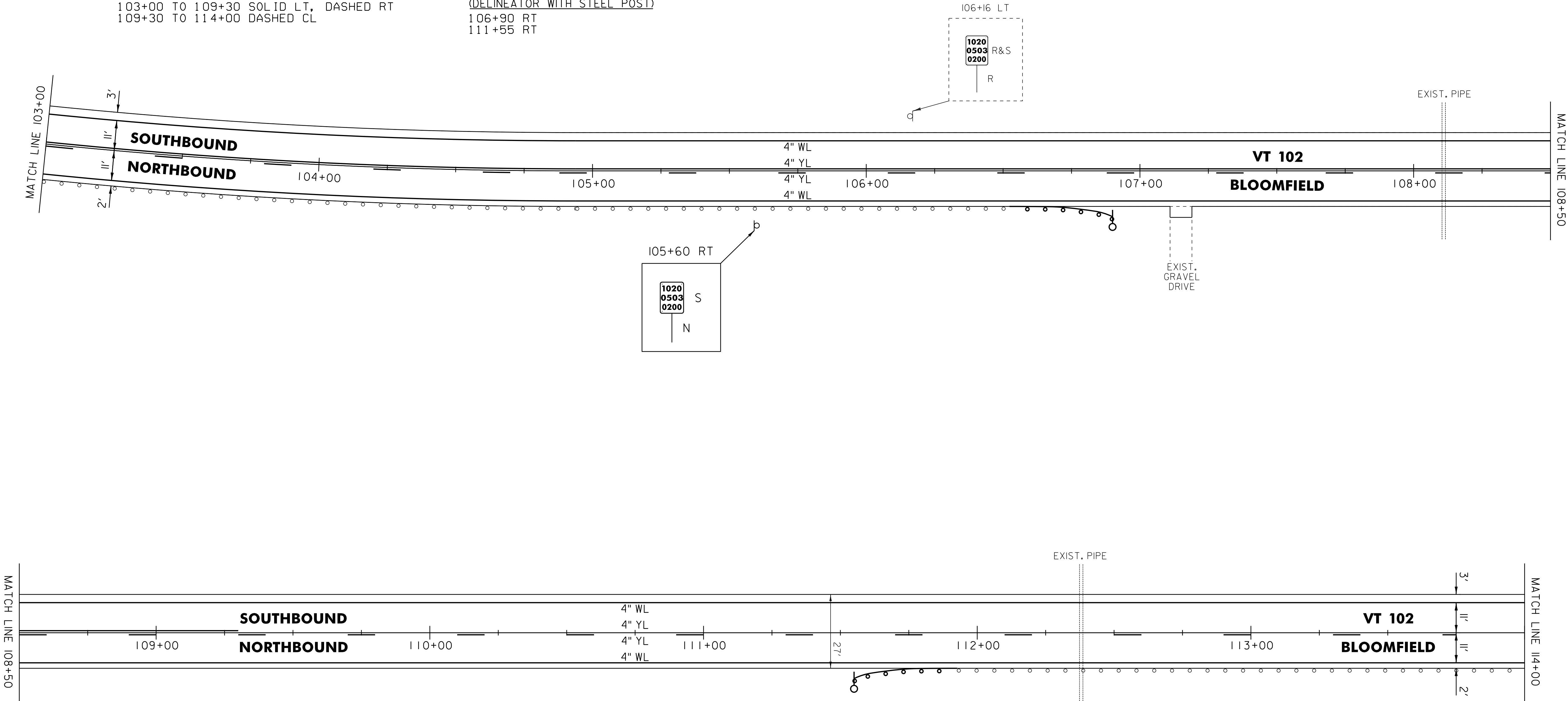
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
106+52.5 TO 106+90 RT
111+55 TO 111+92.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
106+52.5 TO 106+90 RT
111+55 TO 111+92.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
106+90 RT
111+55 RT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

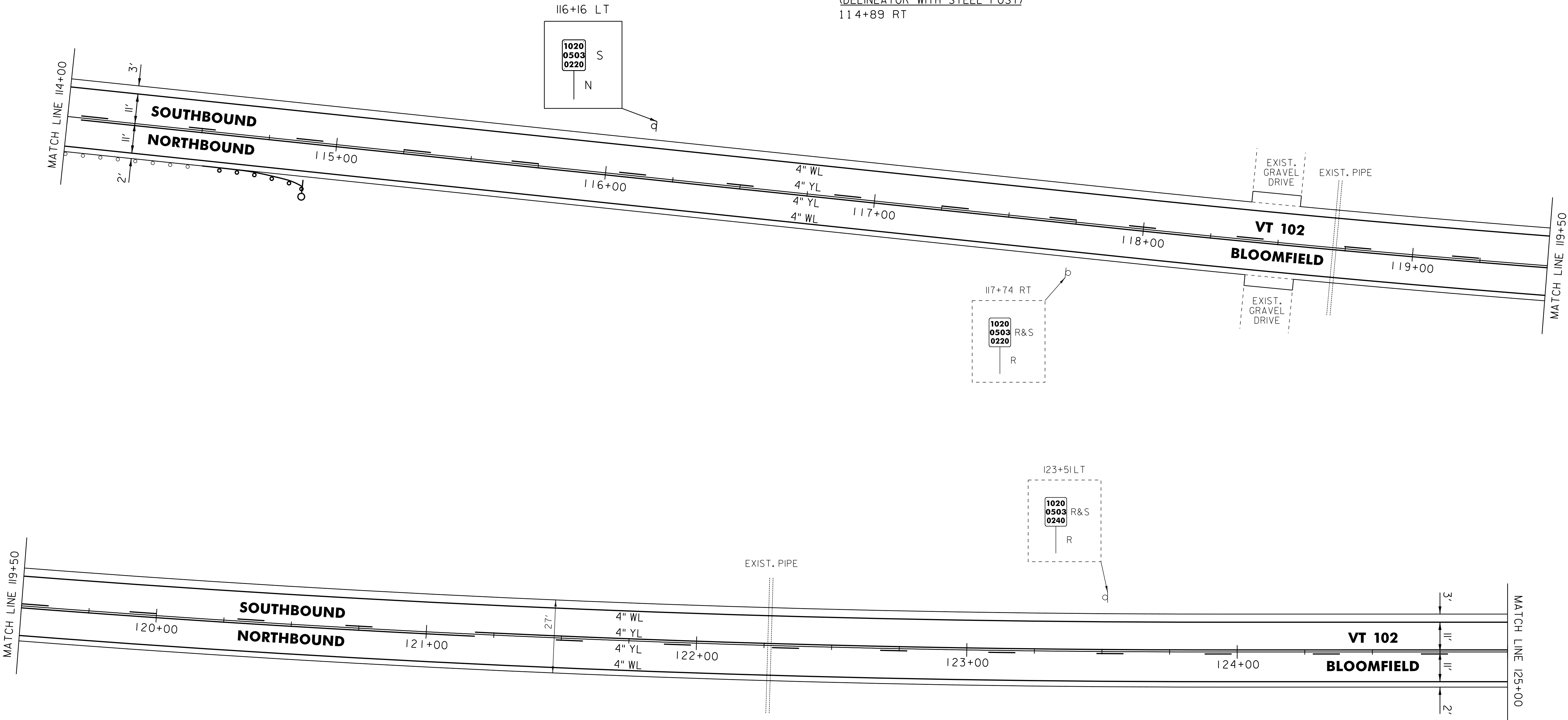
ROADWAY LAYOUT 9		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(1)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.23	SHEET 23 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
114+00 TO 125+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
114+00 TO 114+05 DASHED CL
114+05 TO 121+18 DASHED LT, SOLID RT
121+18 TO 125+00 SOLID LT, DASHED RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
114+51.5 TO 114+89 RT
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
114+51.5 TO 114+89 RT
900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
114+89 RT

675.50 REMOVING SIGNS
AS SHOWN - 2
675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 10

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PLOT DATE: 19-JUN-2013 16:59

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NLL

CHECKED BY: PTS

IPARM FILE NAME: 06C052.24

SHEET 24 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA.
125+00 TO 136+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA.
125+00 TO 129+36 SOLID LT, DASHED RT
129+36 TO 136+00 DASHED CL

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
128+08.5 TO 128+33.5 RT
129+32 TO 129+39.5 LT (39.5')

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
127+71 TO 128+08.5 RT
129+56.5 TO 129+94 RT
130+64.5 TO 131+02 LT

621.60 ANCHOR FOR STEEL BEAM RAIL
129+32 LT

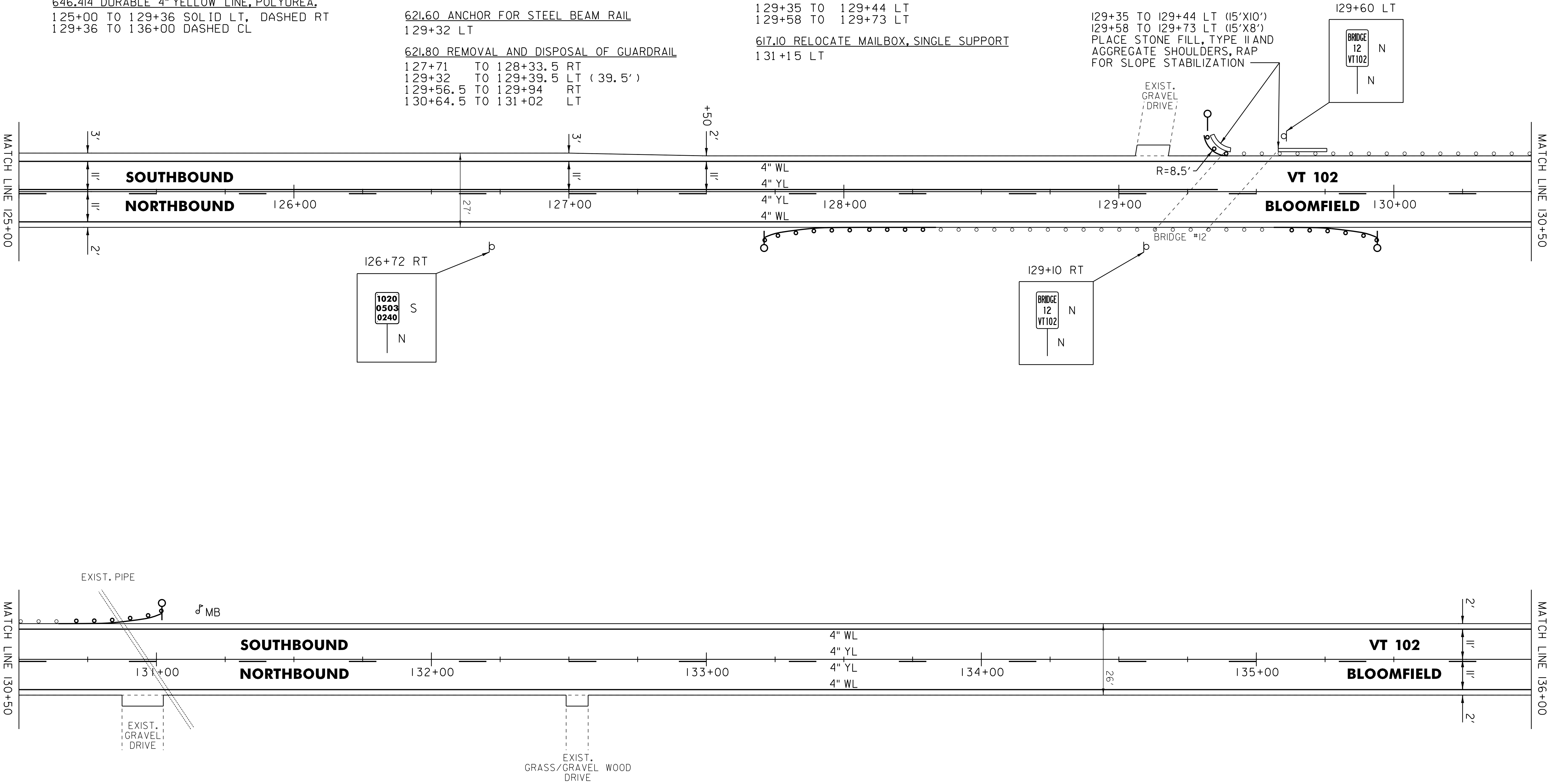
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
127+71 TO 128+33.5 RT
129+32 TO 129+39.5 LT (39.5')
129+56.5 TO 129+94 RT
130+64.5 TO 131+02 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
127+71 RT
129+32 LT
129+94 RT
131+02 LT

613.11 STONE FILL, TYPE II
649.31 GEOTEXTILE UNDER STONE FILL
129+35 TO 129+44 LT
129+58 TO 129+73 LT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
131+15 LT

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



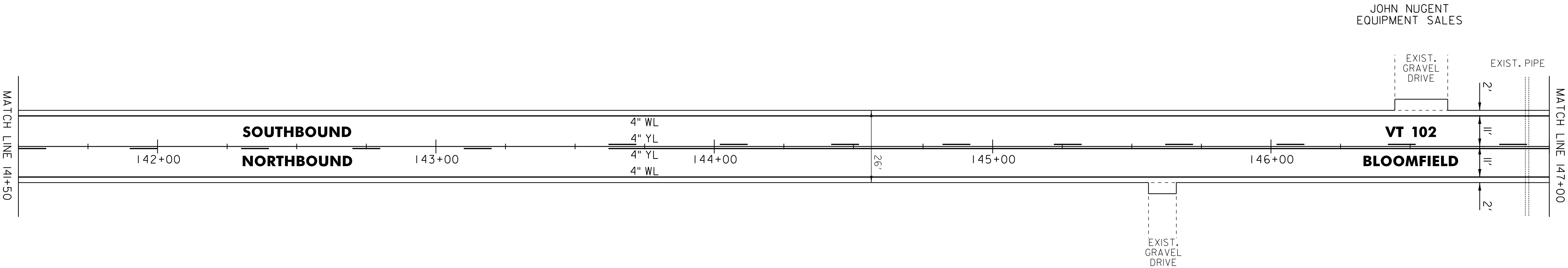
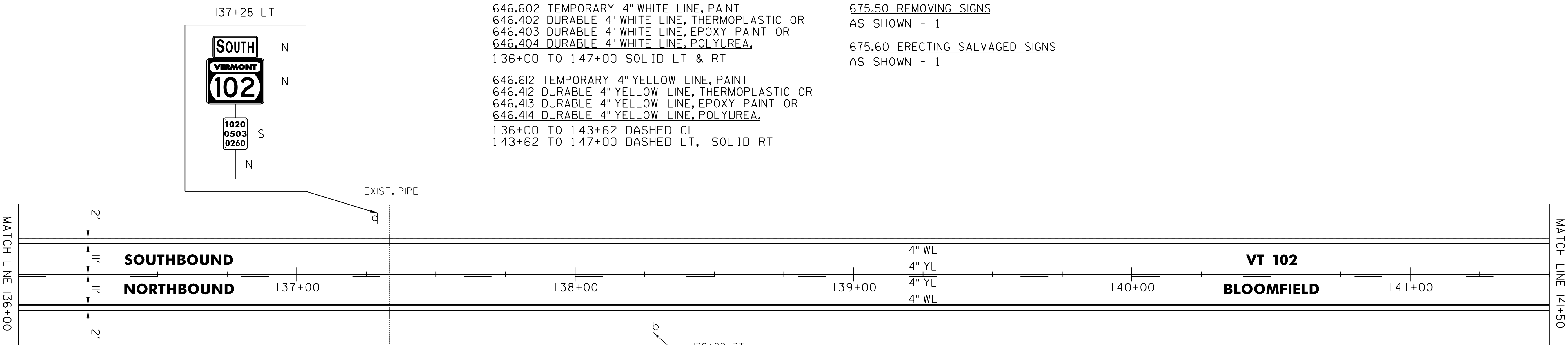
NOT TO SCALE

LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 11

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(1)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.25	SHEET 25 OF 82



NOT TO SCALE

- LEGEND
- R

=

REMOVE EXISTING
- S

=

SALVAGE
- R&S

=

REMOVE AND SALVAGE
- N

=

NEW
- RET

=

RETAIN
- B-B

=

BACK TO BACK
- 

=

EXISTING GUARDRAIL
- 

=

PROPOSED GUARDRAIL
- YL

=

YELLOW LINE
- WL

=

WHITE LINE
- 

=

DELINEATOR

ROADWAY LAYOUT 12

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PLOT DATE: 19-JUN-2013 16:59

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NULL

CHECKED BY: PTS

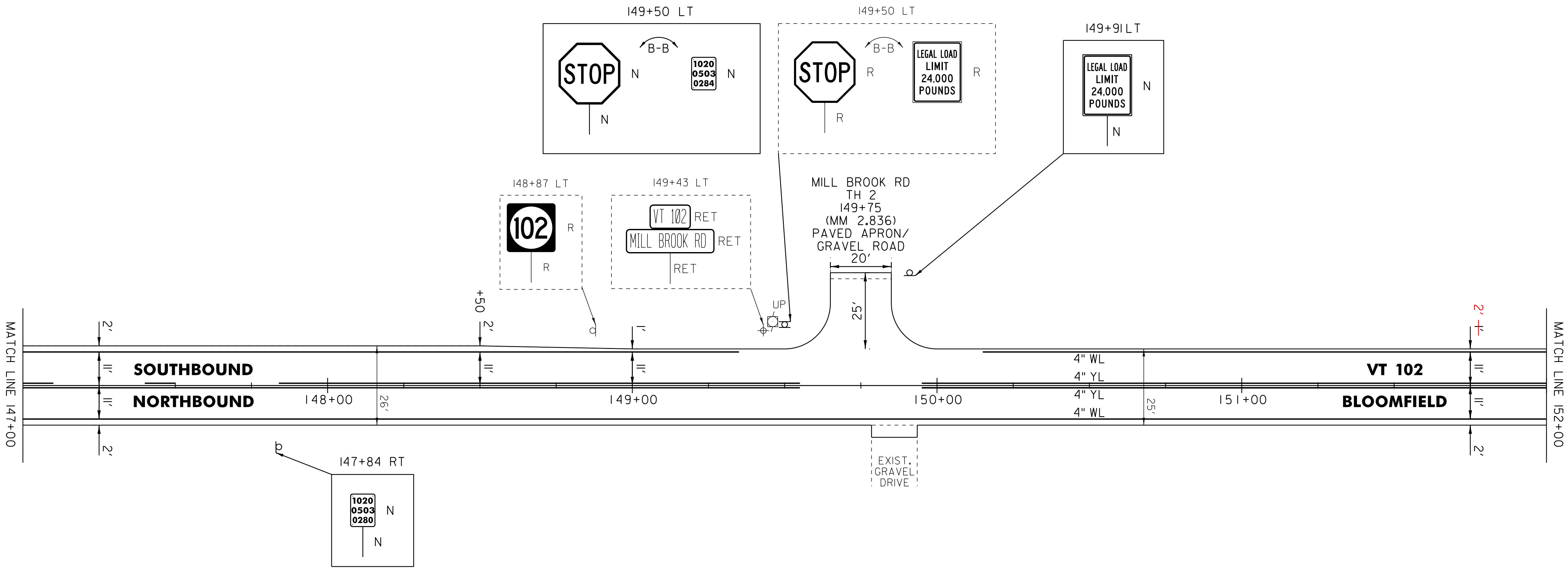
IPARM FILE NAME: 06C052.26

SHEET 26 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
147+00 TO 149+35 SOLID LT
147+00 TO 152+00 SOLID RT
150+15 TO 152+00 SOLID LT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
147+00 TO 147+84 DASHED LT, SOLID RT
147+84 TO 149+55 SOLID LT & RT
149+95 TO 152+00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 13

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NULL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.27	SHEET 27 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
152+00 TO 162+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
152+00 TO 152+60 SOLID LT & RT
152+60 TO 161+30 DASHED LT, SOLID RT
161+30 TO 162+00 SOLID LT & RT

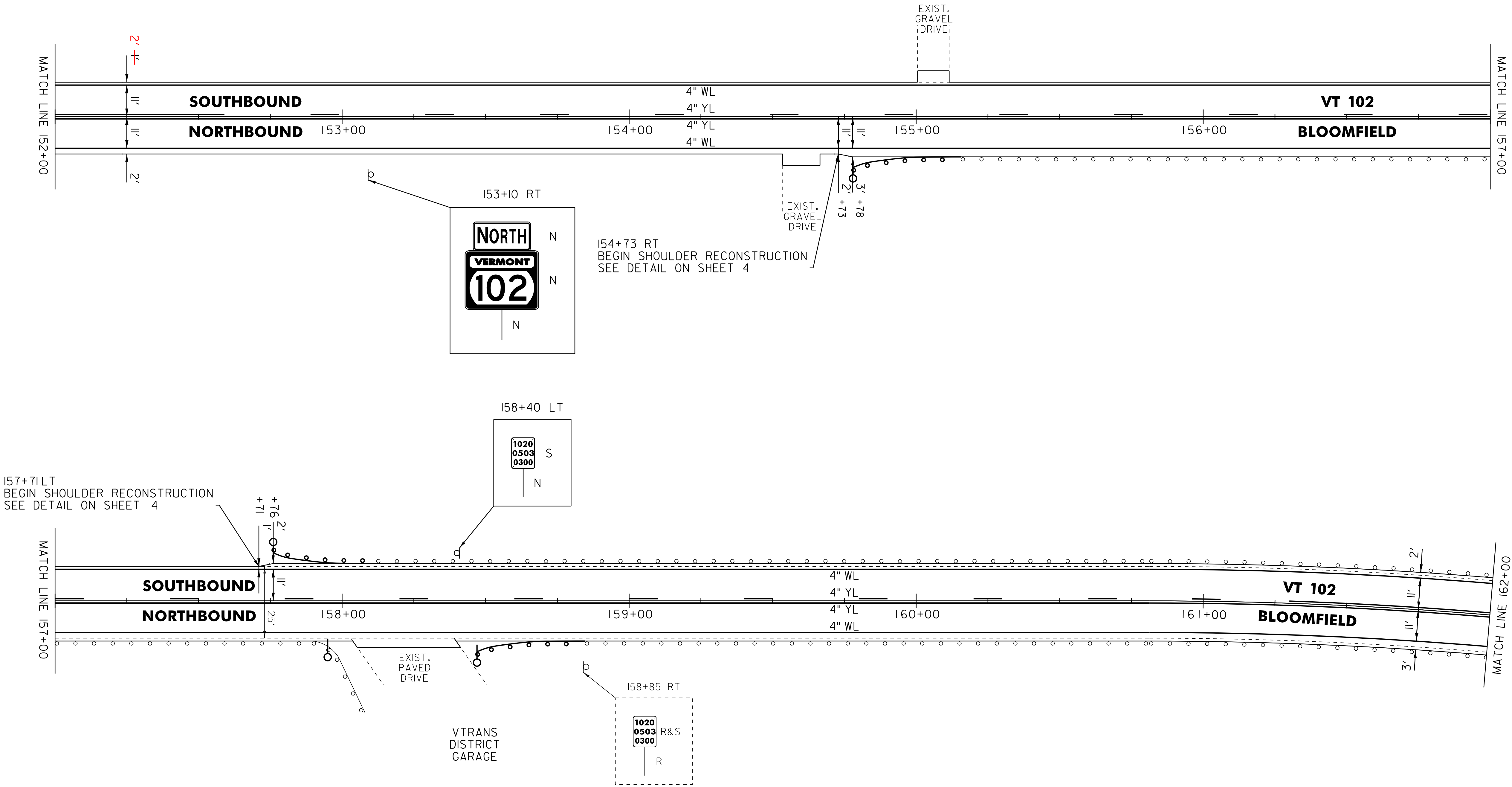
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
154+78 TO 155+15.5 RT
157+76 TO 158+13.5 LT
158+47 TO 158+84.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
154+78 TO 155+15.5 RT
157+76 TO 158+13.5 LT
158+47 TO 158+84.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
154+78 RT
157+76 LT
157+95 RT
158+47 RT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



157+71 LT
BEGIN SHOULDER RECONSTRUCTION
SEE DETAIL ON SHEET 4

NOT TO SCALE

LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 14

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.28	SHEET 28 OF 82

- 646.602 TEMPORARY 4" WHITE LINE, PAINT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR

646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR

646.404 DURABLE 4" WHITE LINE, POLYUREA,

162+00 TO 167+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR

646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR

646.414 DURABLE 4" YELLOW LINE, POLYUREA,

162+00 TO 167+00 SOLID LT & RT
- 621.50 MANUFACTURED

TERMINAL SECTION, FLARED

163+18.5 TO 163+56 LT

165+08.5 TO 165+46 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

163+18.5 TO 163+56 LT

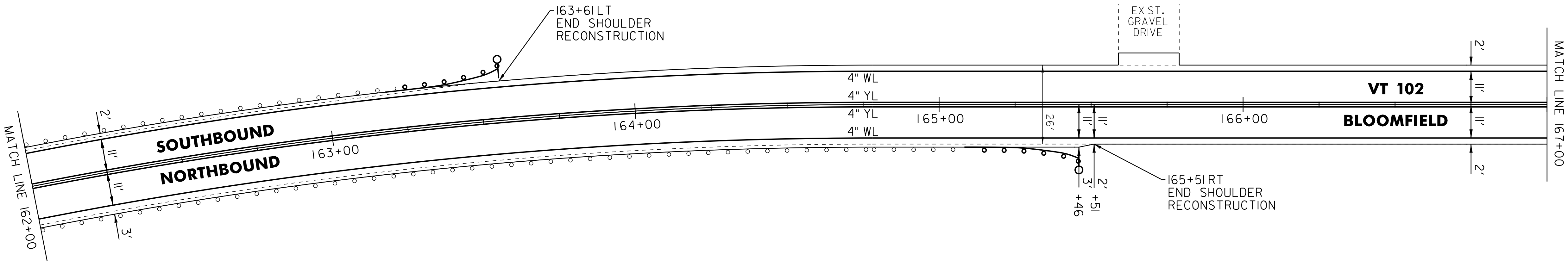
165+08.5 TO 165+46 RT

900.620 SPECIAL PROVISION

(DELINEATOR WITH STEEL POST)

163+56 LT

165+46 RT



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 15

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 06C052.29

PLOT DATE: 19-JUN-2013 16:59

DRAWN BY: SNG

CHECKED BY: PTS

SHEET 29 OF 82

162+00	TO	169+07	SOLID LT & RT
169+47	TO	171+34	SOLID LT & RT
171+34	TO	172+50	SOLID LT, DASHED RT

171+77 T0 172+14.5 RT

171+77 T0 172+14.5 RT

1 71 +77 RT

AS SHOWN - 5

AS SHOWN - 2



R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.30	SHEET 30 OF 82

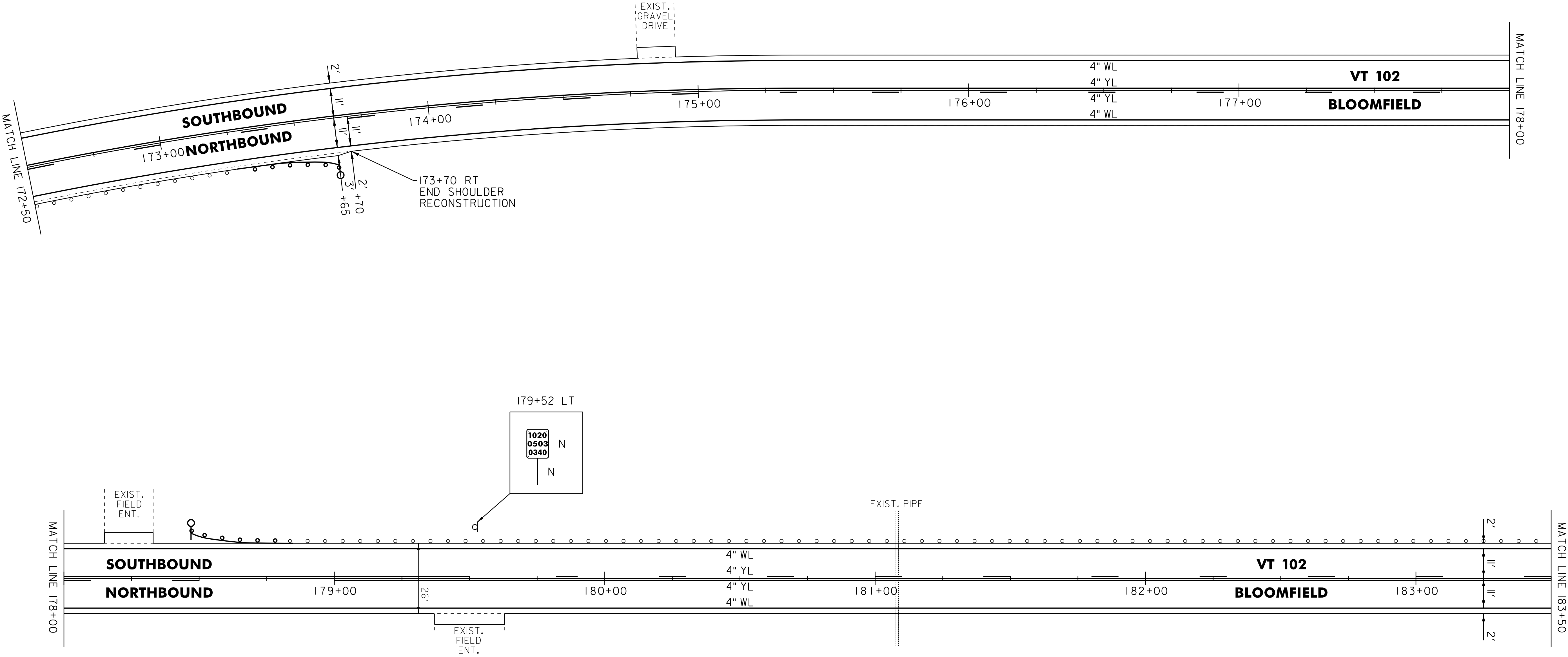
646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
172+50 TO 183+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
172+50 TO 179+00 SOLID LT, DASHED RT
179+00 TO 179+50 SOLID LT & RT
179+50 TO 183+50 DASHED LT, SOLID RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
173+27.5 TO 173+65 RT
178+47 TO 178+84.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
173+27.5 TO 173+65 RT
178+47 TO 178+84.5 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
173+65 RT
178+47 LT



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 17		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_3I	SHEET 31 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
183+50 TO 194+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
183+50 TO 185+86 DASHED LT & SOLID RT
185+86 TO 194+00 SOLID LT & RT

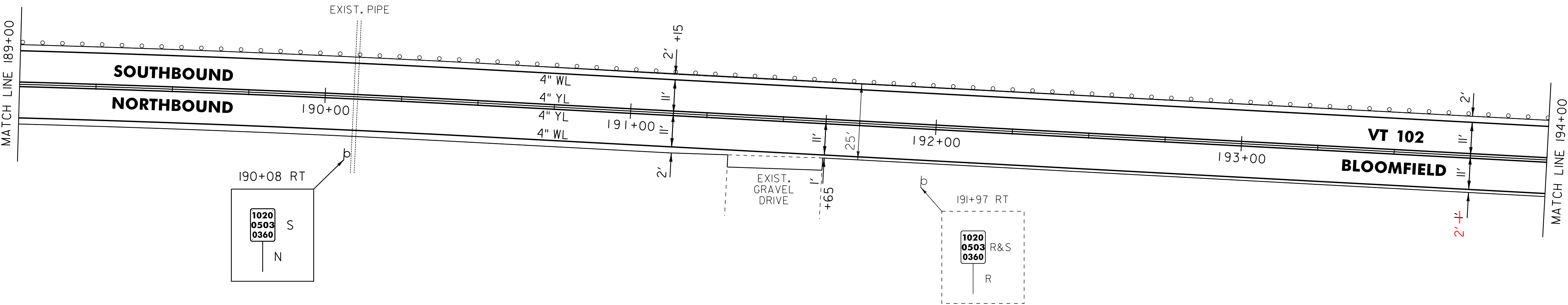
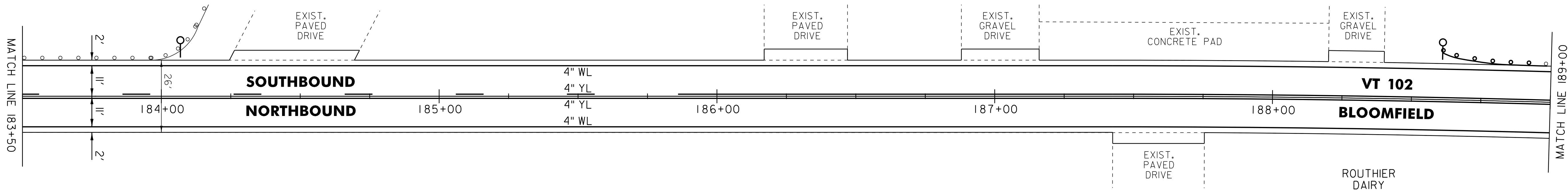
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
188+61 TO 188+98.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
188+61 TO 188+98.5 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
184+07 LT
188+61 LT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 18		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_32	SHEET 32 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
194+00 TO 204+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
194+00 TO 204+50 SOLID LT & RT

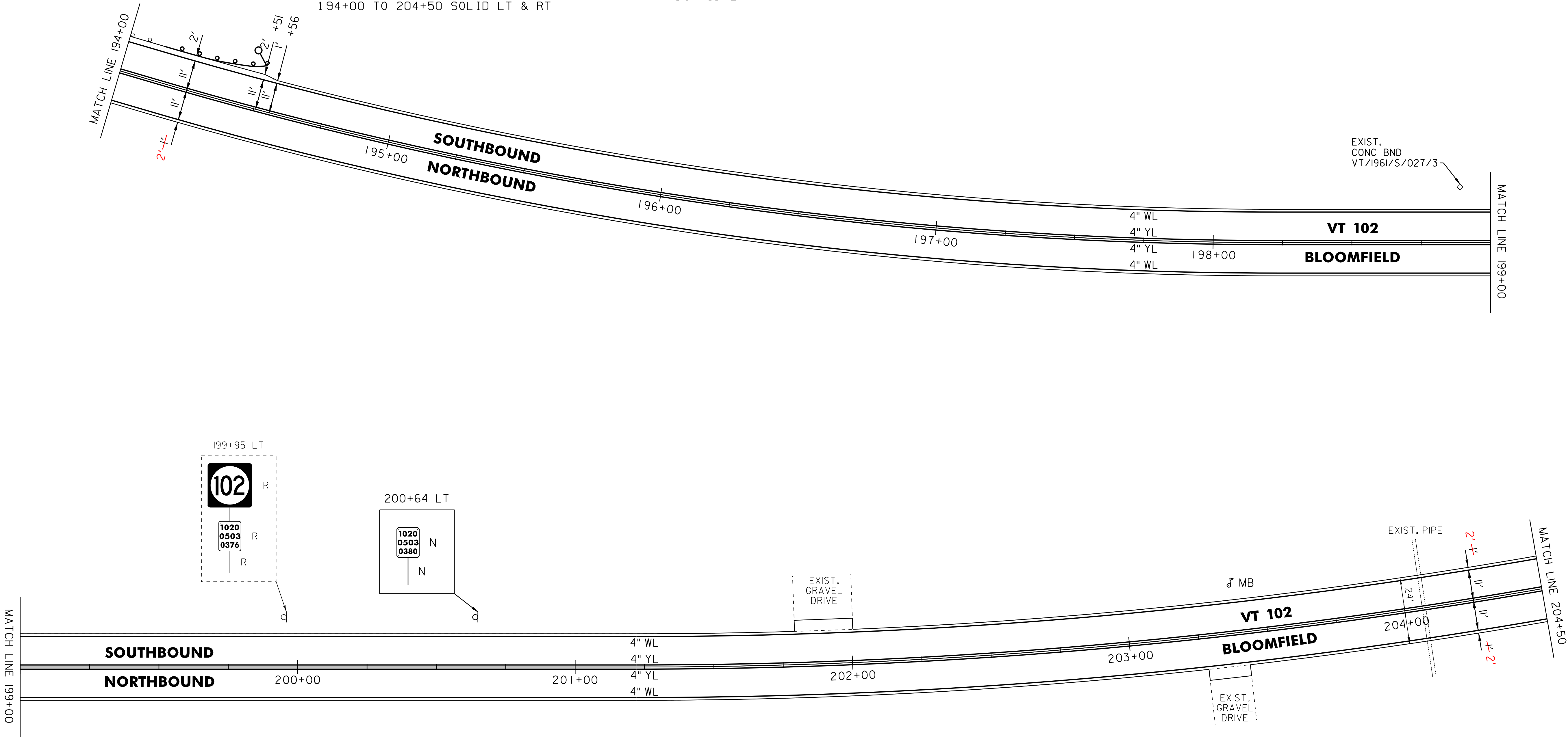
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
194+13.5 TO 194+51 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
194+13.5 TO 194+51 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
194+51 LT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
203+38 LT

675.50 REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

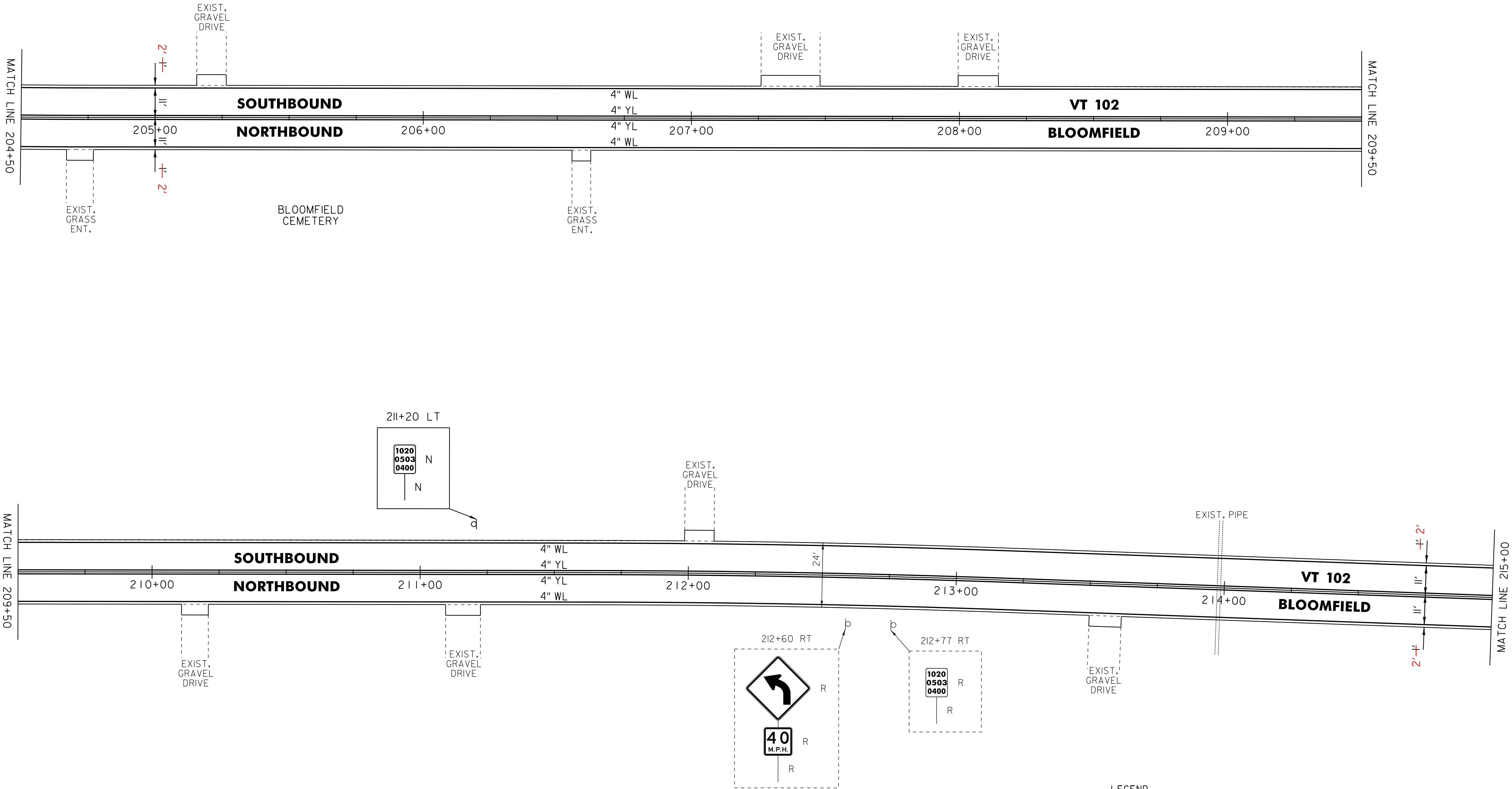
LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 19		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.33	SHEET 33 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
204+50 TO 215+00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 3

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
204+50 TO 215+00 SOLID LT & RT



NOT TO SCALE

- LEGEND
- R

=

REMOVE EXISTING
- S

=

SALVAGE
- R&S

=

REMOVE AND SALVAGE
- N

=

NEW
- RET

=

RETAIN
- B-B

=

BACK TO BACK
- =

EXISTING GUARDRAIL
- =

PROPOSED GUARDRAIL
- YL

=

YELLOW LINE
- WL

=

WHITE LINE
- =

DELINEATOR

ROADWAY LAYOUT 20

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PLOT DATE: 19-JUN-2013 16:59

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NLL

CHECKED BY: PTS

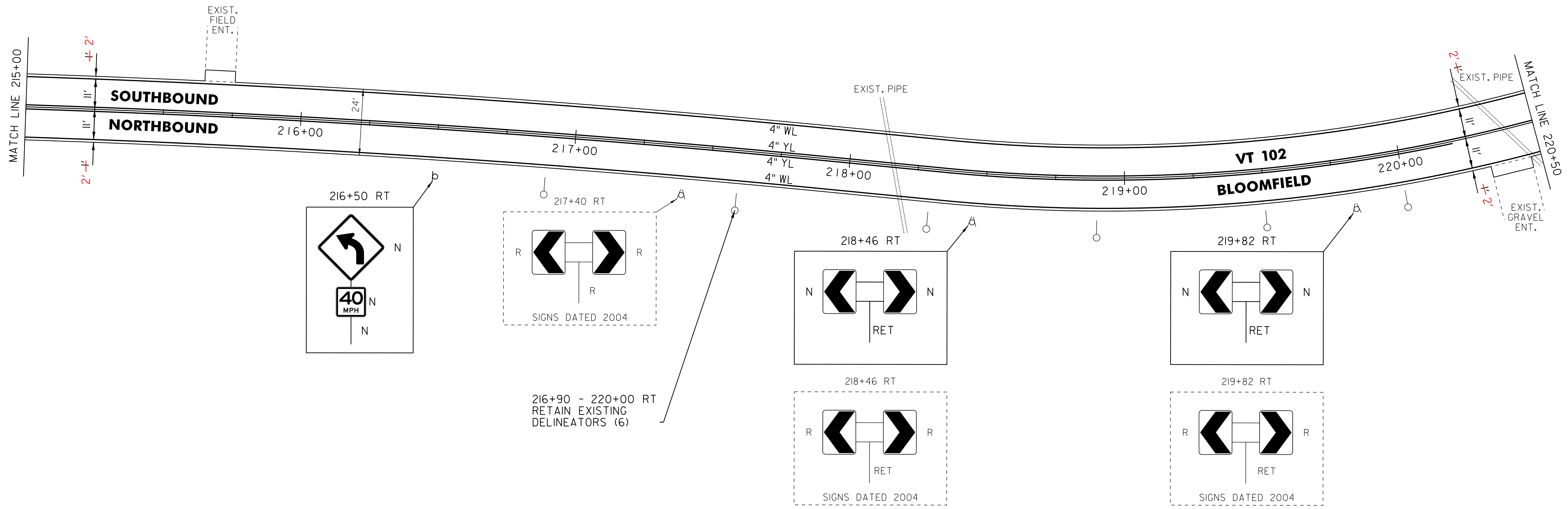
IPARM FILE NAME: 06C052_34

SHEET 34 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
215+00 TO 220+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
215+00 TO 220+20 SOLID LT & RT
220+20 TO 220+50 SOLID LT, DASHED RT

675.50 REMOVING SIGNS
AS SHOWN - 6



NOT TO SCALE

- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - o = EXISTING GUARDRAIL
 - o = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - o = DELINEATOR

ROADWAY LAYOUT 21

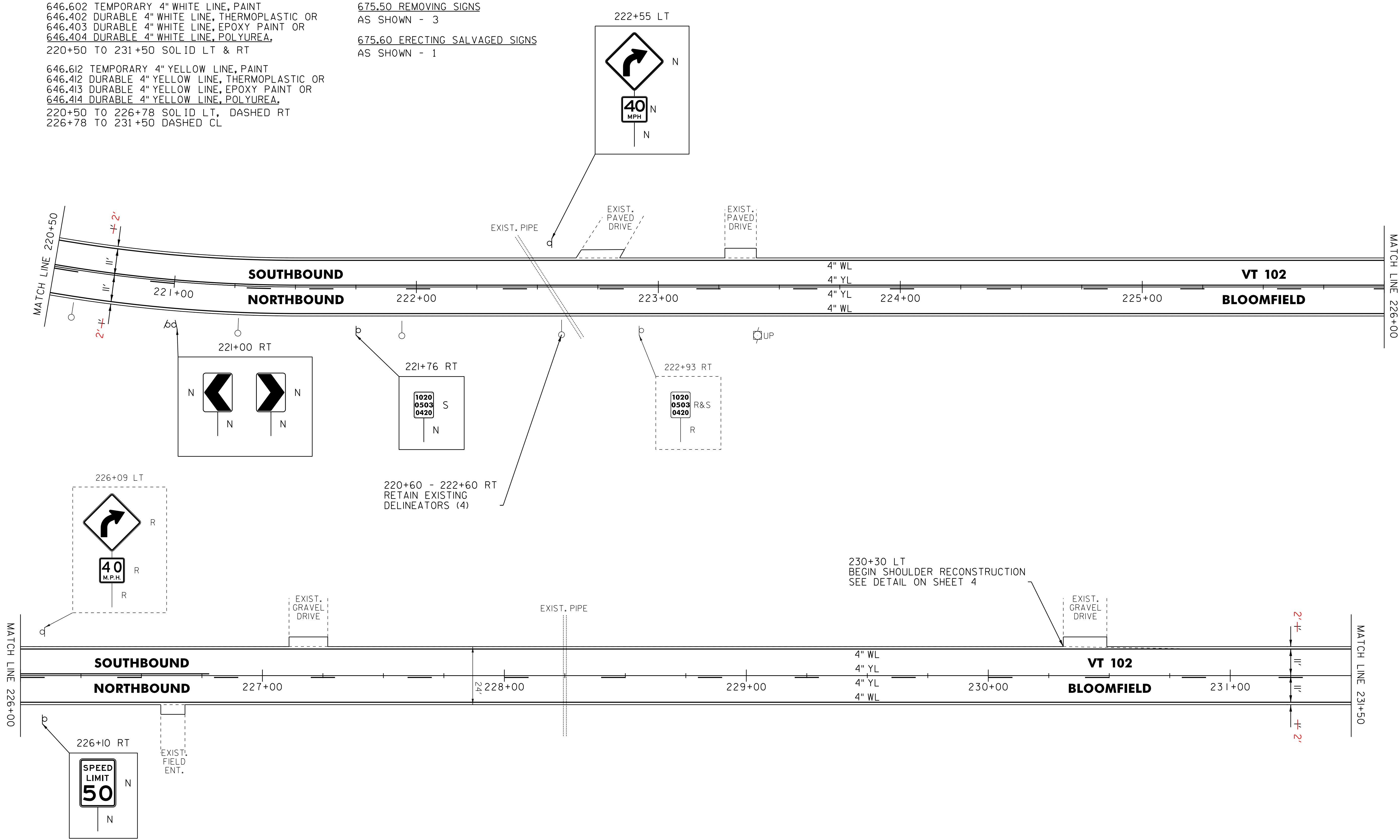
PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.35	SHEET 35 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA.
220+50 TO 231+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA.
220+50 TO 226+78 SOLID LT, DASHED RT
226+78 TO 231+50 DASHED CL

675.50 REMOVING SIGNS
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 22		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_36	SHEET 36 OF 82	

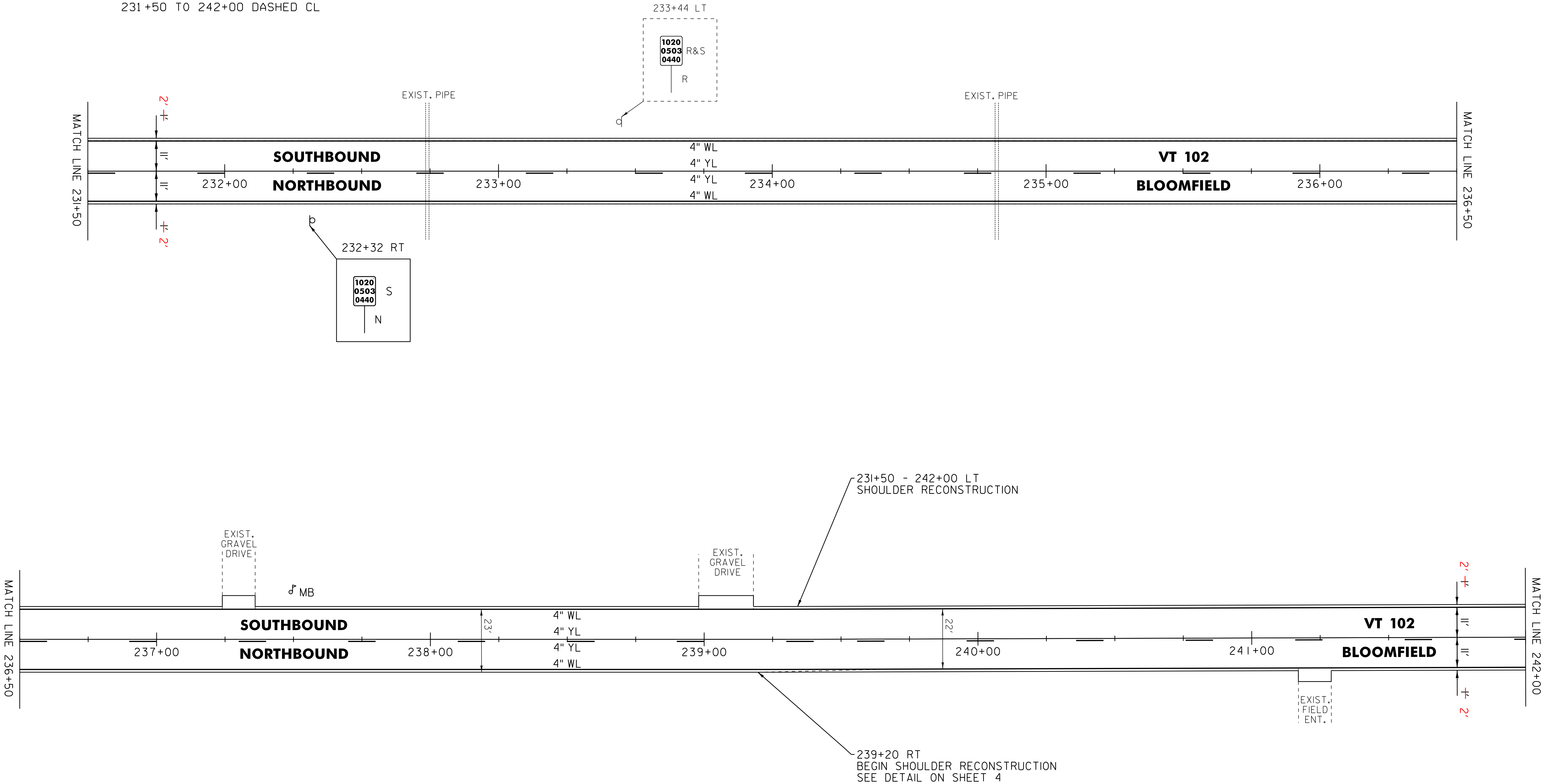
646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
231+50 TO 242+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
231+50 TO 242+00 DASHED CL

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
237+49 LT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
—○—	=	EXISTING GUARDRAIL
—○—	=	PROPOSED GUARDRAIL
—○—	=	YELLOW LINE
—○—	=	WHITE LINE
—○—	=	DELINEATOR

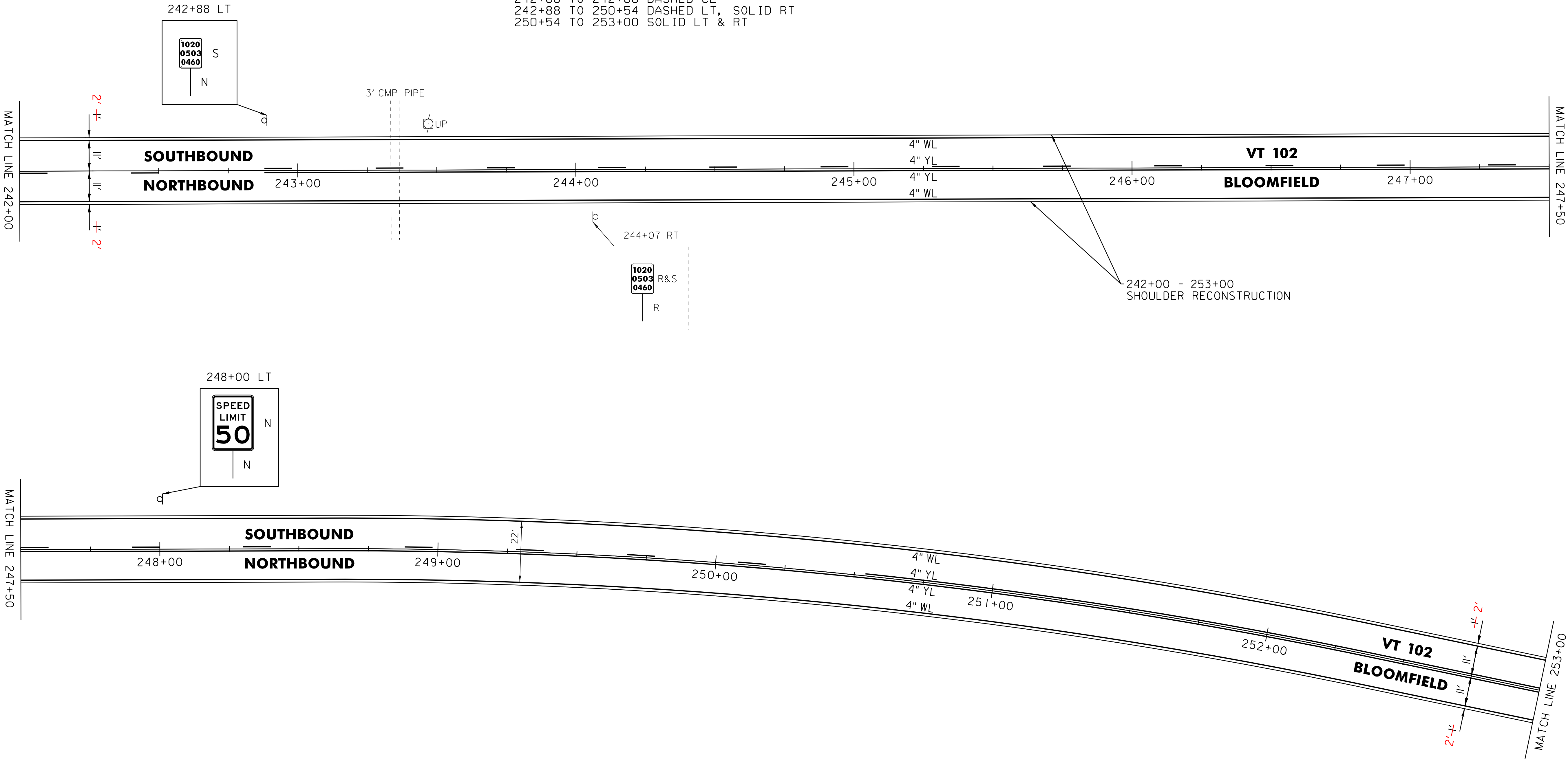
ROADWAY LAYOUT 23		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NULL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_37	SHEET 37 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
242+00 TO 253+00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
242+00 TO 242+88 DASHED CL
242+88 TO 250+54 DASHED LT, SOLID RT
250+54 TO 253+00 SOLID LT & RT



- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 24

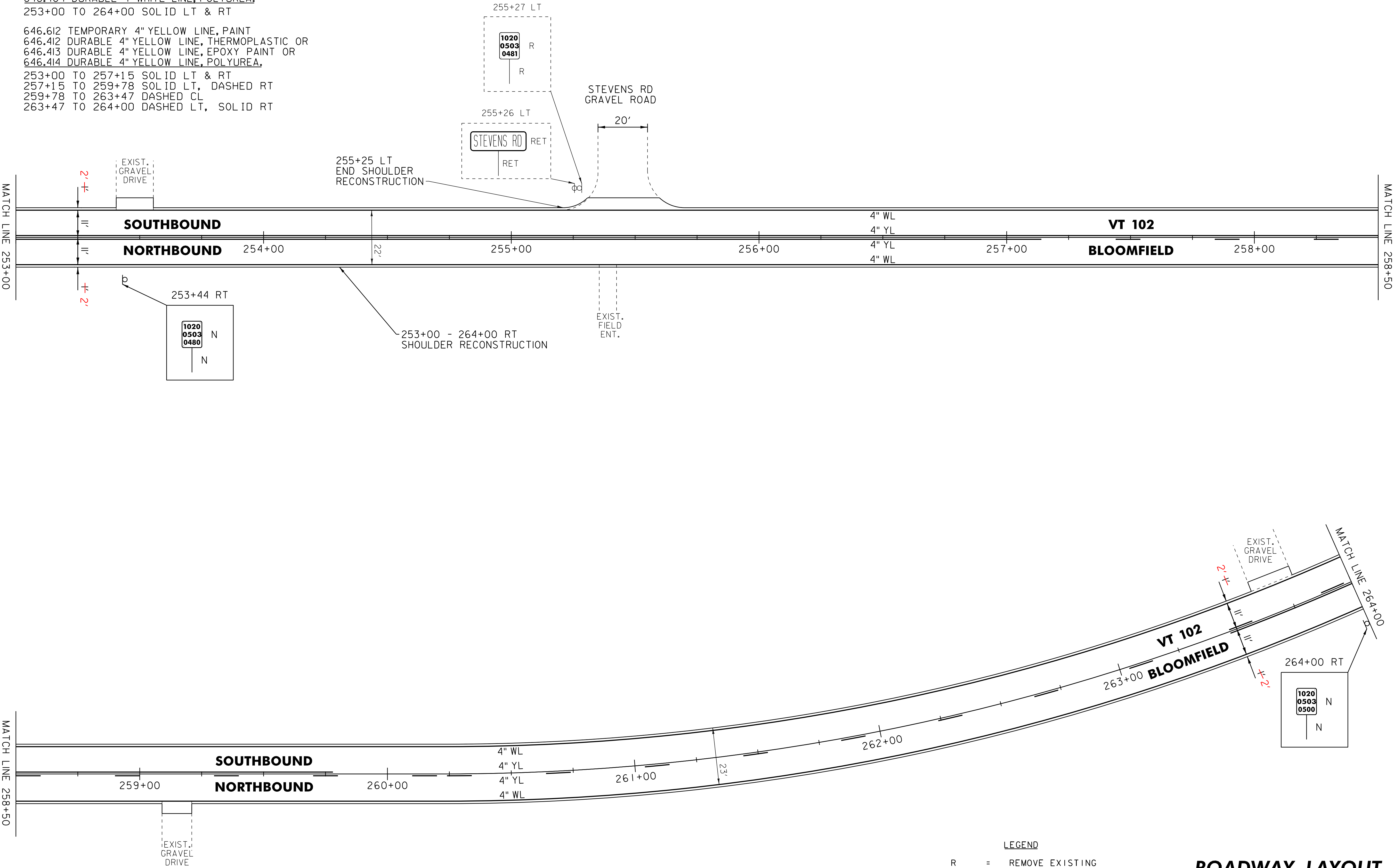
PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_38	SHEET 38 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
253+00 TO 264+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
253+00 TO 257+15 SOLID LT & RT
257+15 TO 259+78 SOLID LT, DASHED RT
259+78 TO 263+47 DASHED CL
263+47 TO 264+00 DASHED LT, SOLID RT

675.50 REMOVING SIGNS
AS SHOWN - 1



- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

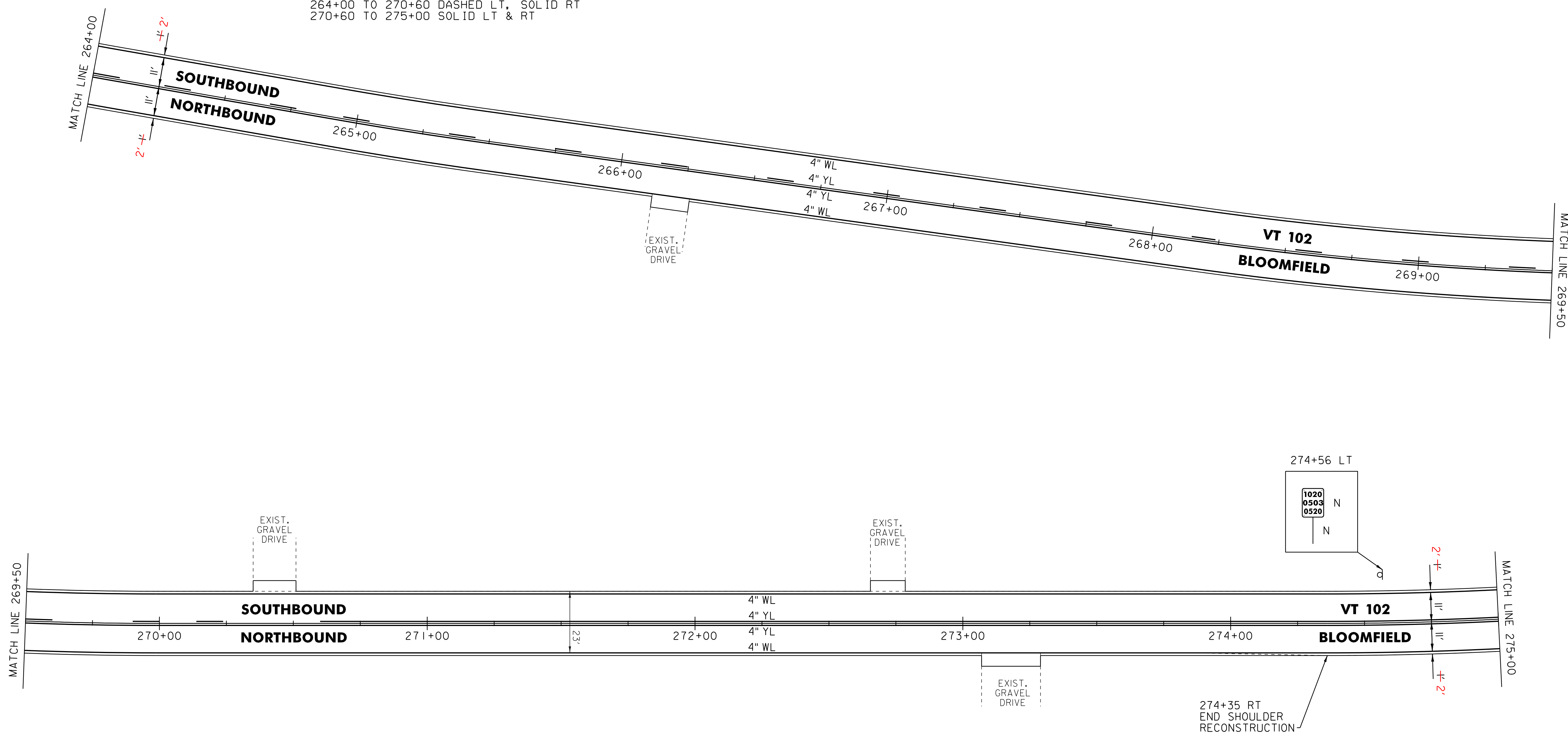
ROADWAY LAYOUT 25

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_39	SHEET 39 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
264+00 TO 275+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
264+00 TO 270+60 DASHED LT, SOLID RT
270+60 TO 275+00 SOLID LT & RT



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 26

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_40	SHEET 40 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
275+00 TO 286+00 SOLID LT & RT

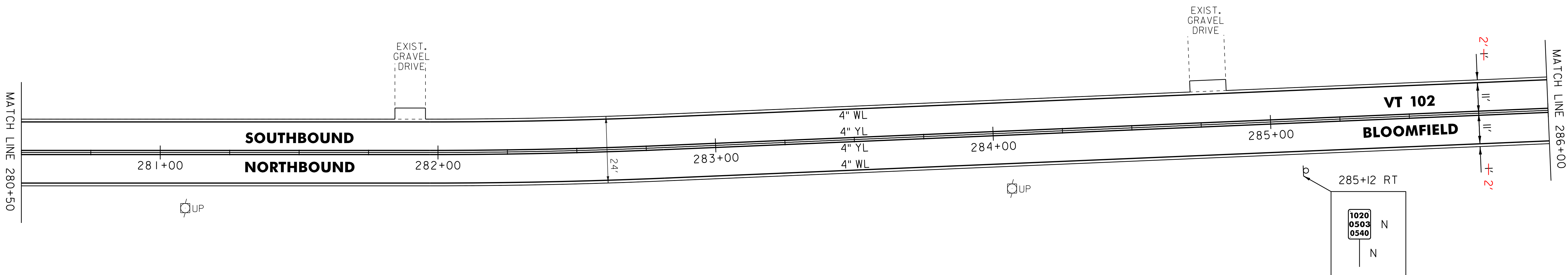
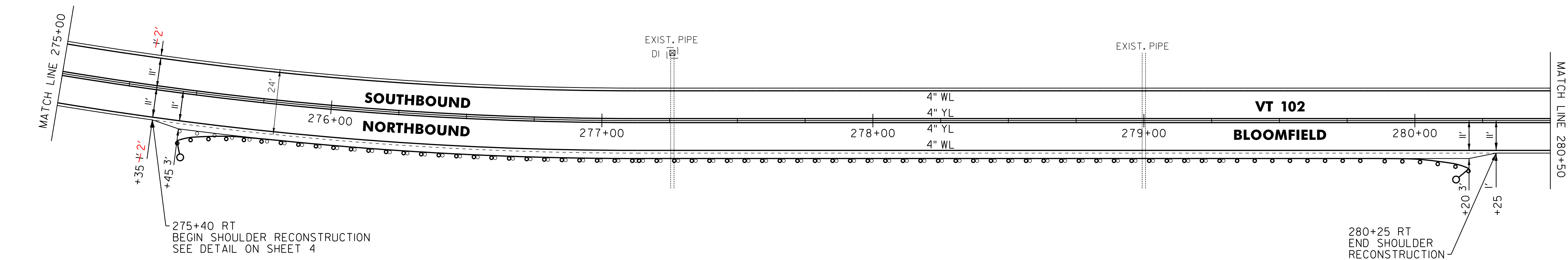
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
275+00 TO 286+00 SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
275+82.5 TO 279+82.5 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
275+45 TO 275+82.5 RT
279+82.5 TO 280+20 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
275+45 TO 279+30 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
275+45 RT
280+20 RT



LEGEND

- R = REMOVE EXISTING
S = SALVAGE
R&S = REMOVE AND SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
= EXISTING GUARDRAIL
= PROPOSED GUARDRAIL
YL = YELLOW LINE
WL = WHITE LINE
= DELINEATOR

ROADWAY LAYOUT 27

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06C052_4I

PLOT DATE: 19-JUN-2013 16:59
DRAWN BY: SNG
CHECKED BY: PTS
SHEET 41 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
286+00 TO 297+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
286+00 TO 297+00 SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
295+27 TO 295+64.5 RT

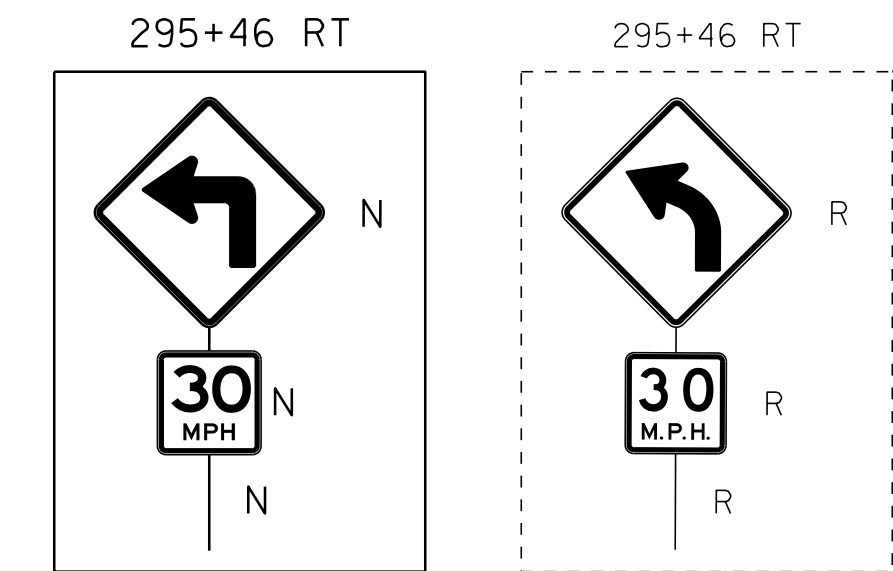
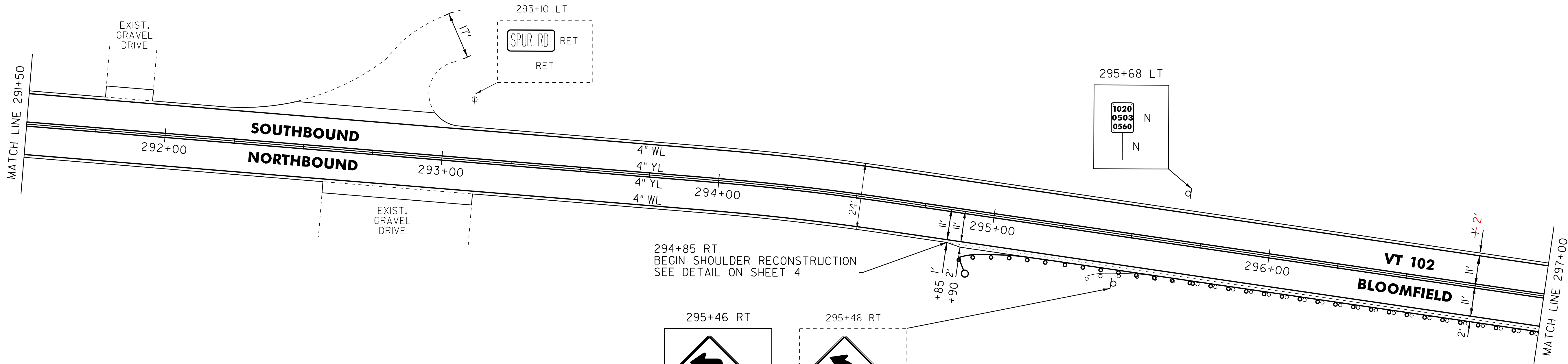
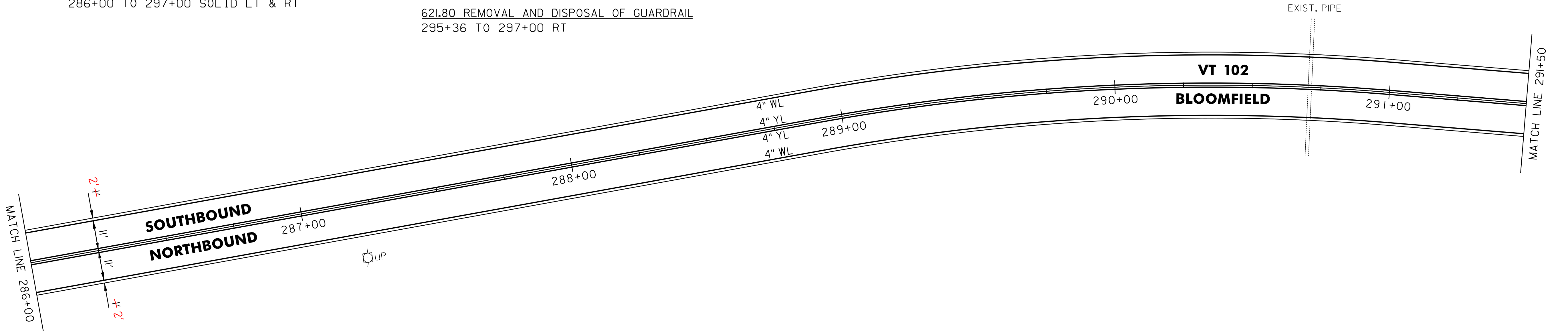
621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
295+64.5 TO 297+00 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
294+89.5 TO 295+27 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
295+36 TO 297+00 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
294+89.5 RT

675.50 REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

LEGEND	
R	= REMOVE EXISTING
S	= SALVAGE
R&S	= REMOVE AND SALVAGE
N	= NEW
RET	= RETAIN
B-B	= BACK TO BACK
	= EXISTING GUARDRAIL
	= PROPOSED GUARDRAIL
YL	= YELLOW LINE
WL	= WHITE LINE
	= DELINEATOR

ROADWAY LAYOUT 28	
PROJECT NAME:	BLOOMFIELD-LEMINGTON
PROJECT NUMBER:	STP 2610(I)
FILE NAME:	/pave/06c052/pc052
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	06C052_42
PLOT DATE:	19-JUN-2013 16:59
DRAWN BY:	SNG
CHECKED BY:	PTS
SHEET	42 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
297+00 TO 307+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
297+00 TO 307+00 SOLID LT & RT

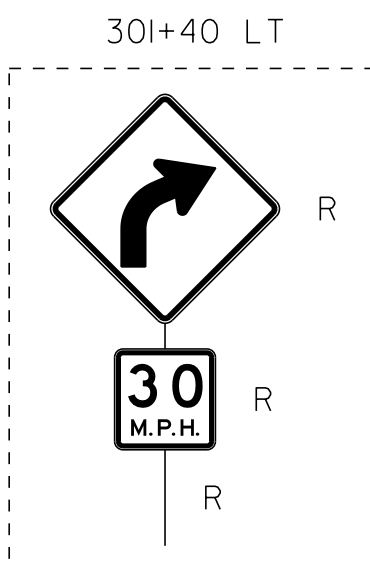
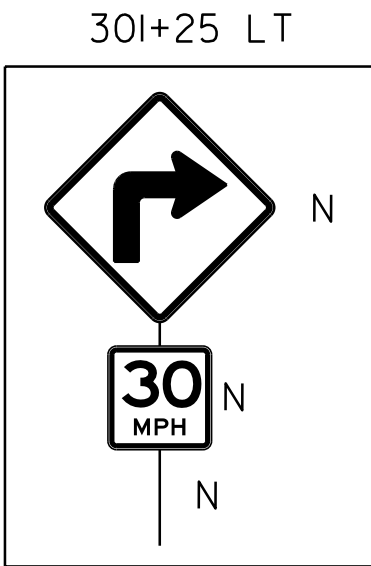
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
298+55.5 TO 299+05.5 RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
297+00 TO 298+27 RT
299+05.5 TO 303+18 RT
305+43 TO 307+00 RT

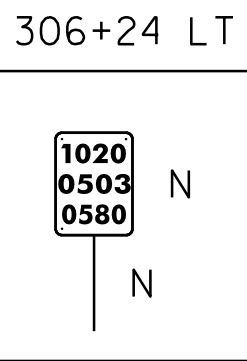
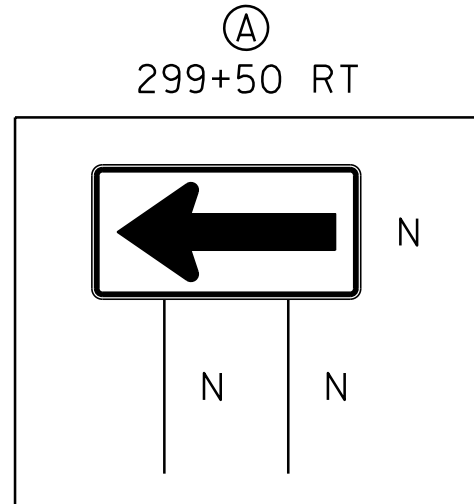
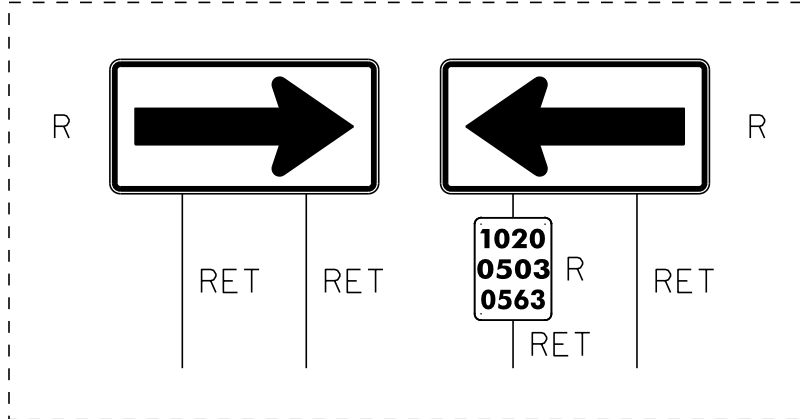
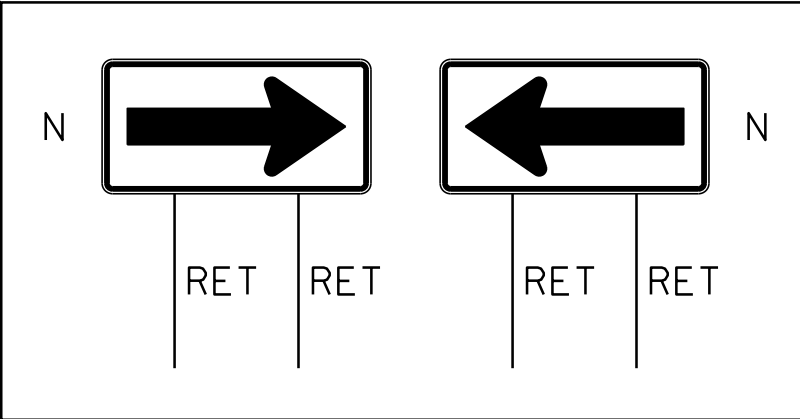
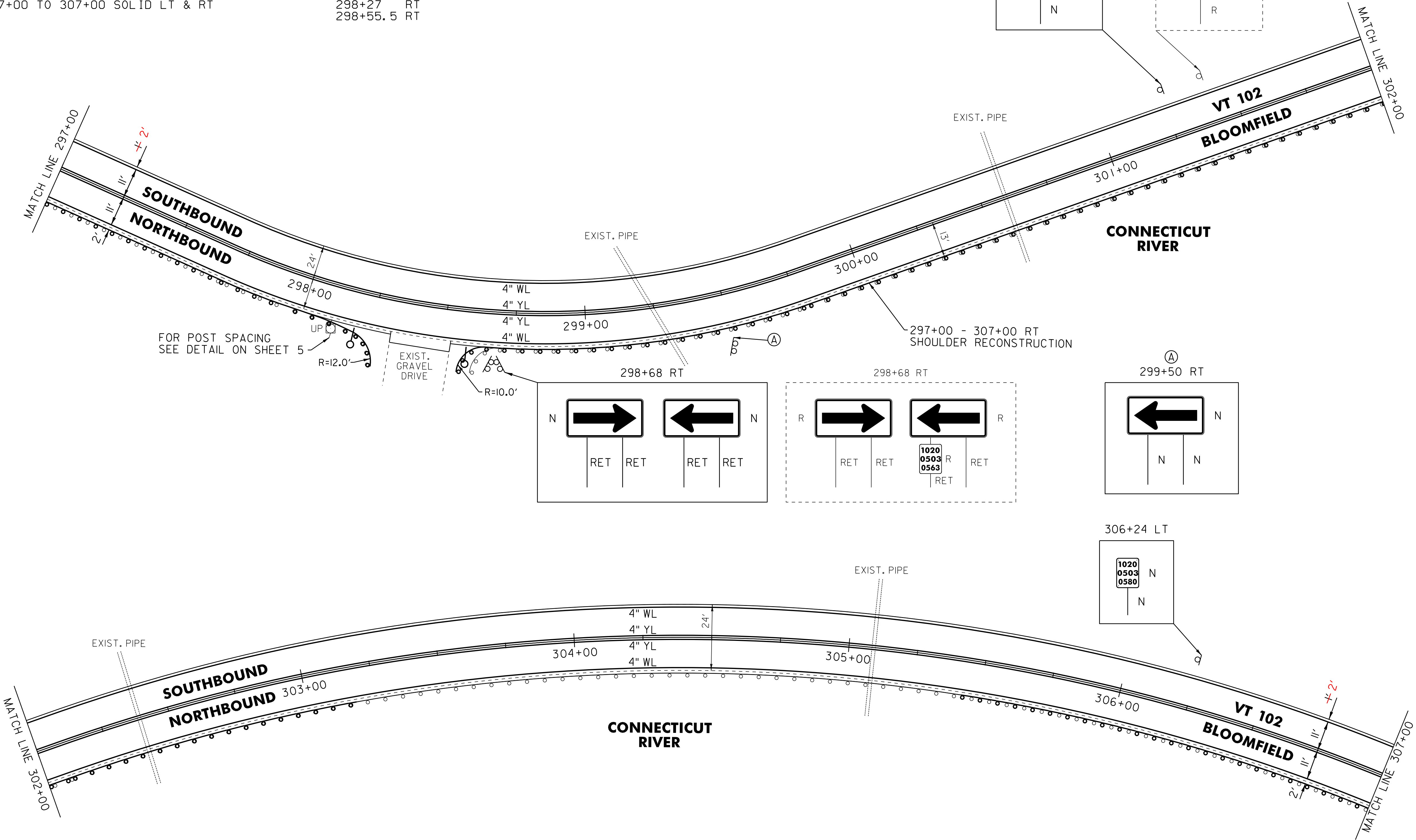
621.60 ANCHOR FOR STEEL BEAM RAIL
298+27 RT
298+55.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
297+00 TO 298+27 RT
298+60 TO 303+18 RT
305+43 TO 307+00 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
298+19 RT
298+58 RT



675.50 REMOVING SIGNS
AS SHOWN - 5



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 29

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.43	SHEET 43 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
307+00 TO 317+00 SOLID LT & RT

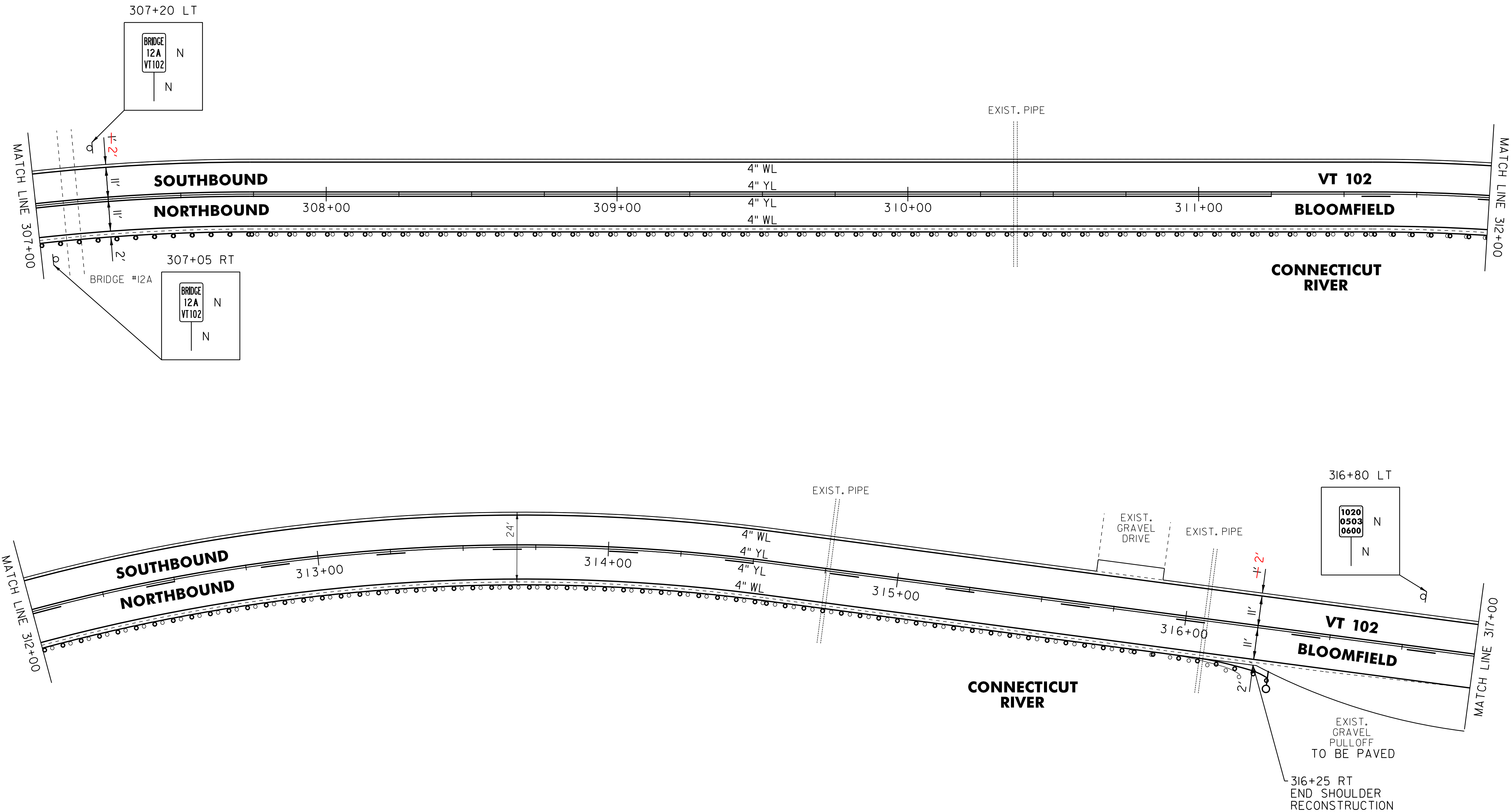
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
307+00 TO 311+25 SOLID LT & RT
311+25 TO 317+00 SOLID LT, DASHED RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
307+00 TO 315+93 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
315+93 TO 316+30.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
307+00 TO 316+21 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
316+30.5 RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 30

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.44	SHEET 44 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
317+00 TO 327+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
317+00 TO 319+40 SOLID LT, DASHED RT
319+40 TO 326+83 DASHED LT, SOLID RT
326+83 TO 327+50 SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
317+63.5 TO 317+76 RT
317+63.5 TO 317+76 LT
318+44.8 TO 318+57.3 RT
318+44.8 TO 318+57.3 LT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
324+21 TO 327+50 RT

621.21 H.D. STEEL BEAM
GUARDRAIL, GALVANIZED
317+76 TO 318+01 RT
317+76 TO 318+01 LT
318+13.5 TO 318+44.8 RT
318+13.5 TO 318+44.8 LT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
317+26 TO 317+63.5 RT
317+26 TO 317+63.5 LT
318+57.3 TO 318+94.8 RT
323+83.5 TO 324+21 RT

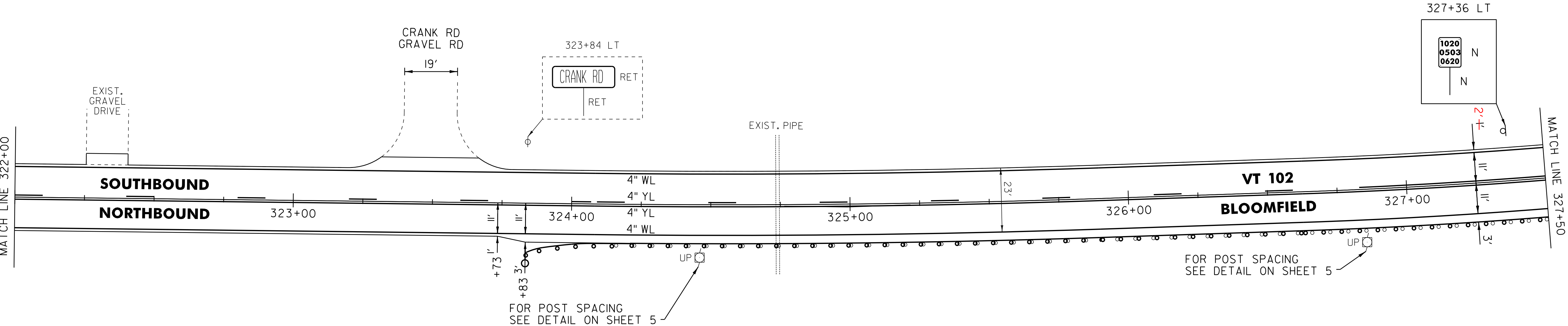
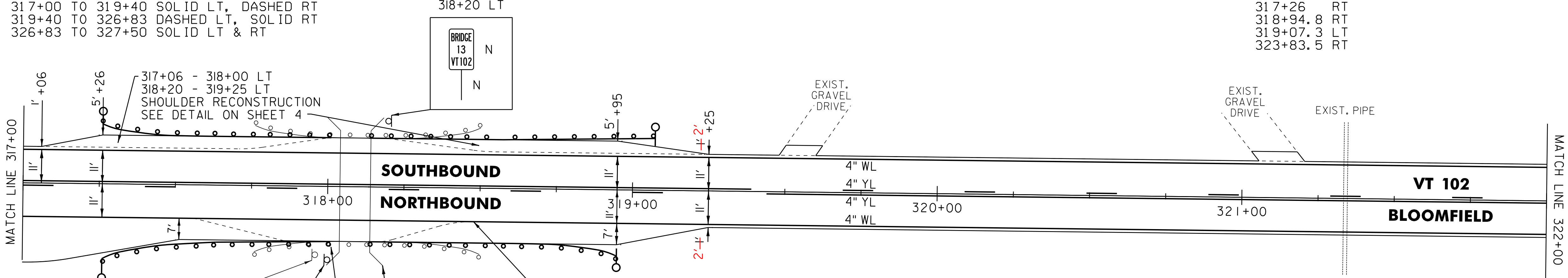
621.51 MANUFACTURED
TERMINAL SECTION, TANGENT
318+57.3 TO 319+07.3 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
317+76 TO 318+01 LT
317+76 TO 318+01 RT
318+13.5 TO 318+50 LT
318+13.5 TO 318+51 RT
324+15 TO 327+50 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
317+26 LT
317+26 RT
318+94.8 RT
319+07.3 LT
323+83.5 RT

613.11 STONE FILL, TYPE II
649.31 GEOTEXTILE UNDER STONE FILL
318+00 RT

675.50 REMOVING SIGNS
AS SHOWN - 1



- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 31

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.45	SHEET 45 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
327+50 TO 338+50 SOLID LT & RT

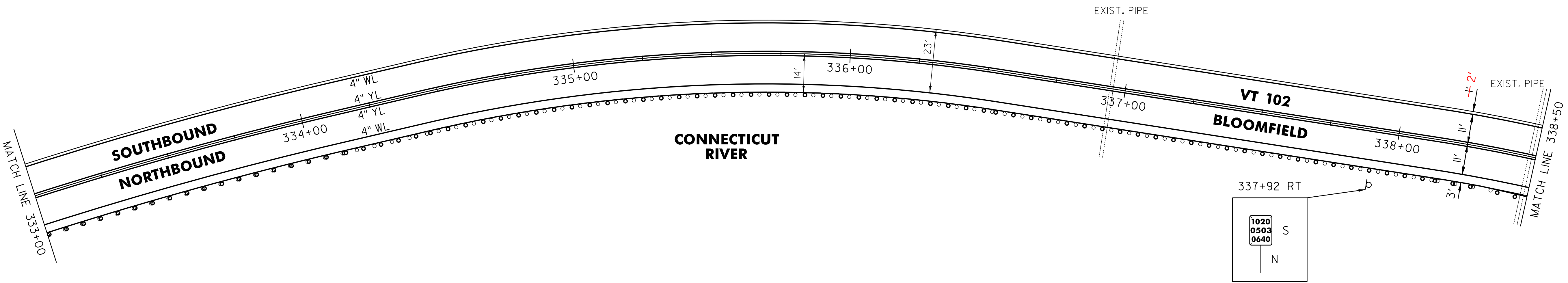
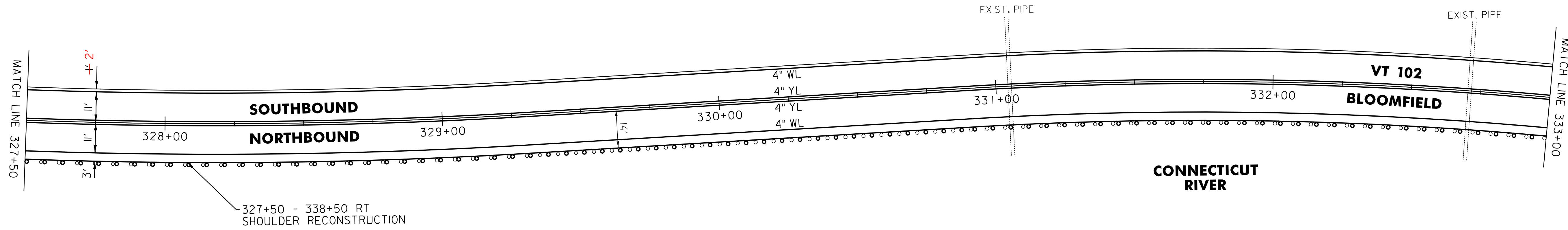
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
327+50 TO 338+50 SOLID LT & RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
327+50 TO 338+33.5 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
338+33.5 TO 338+50 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
327+50 TO 338+37 RT

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

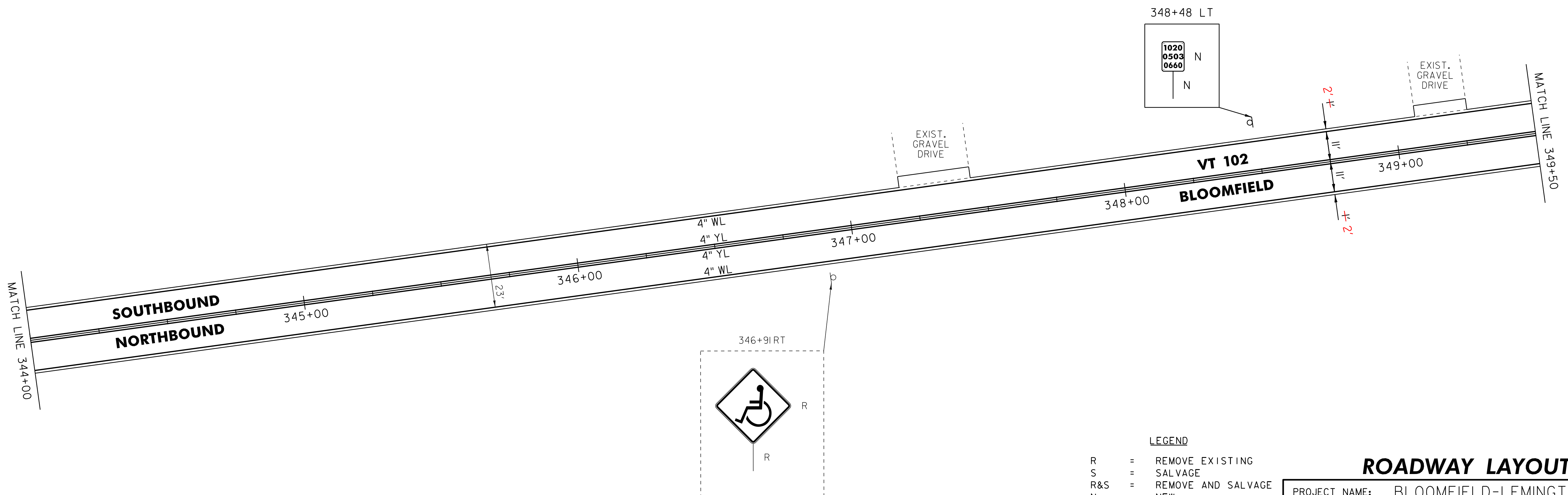
ROADWAY LAYOUT 32

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_46	SHEET 46 OF 82

NOT TO SCALE

675.50 REMOVING SIGNS
AS SHOWN - 2

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
338+71 RT



R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_47	SHEET 47 OF 82

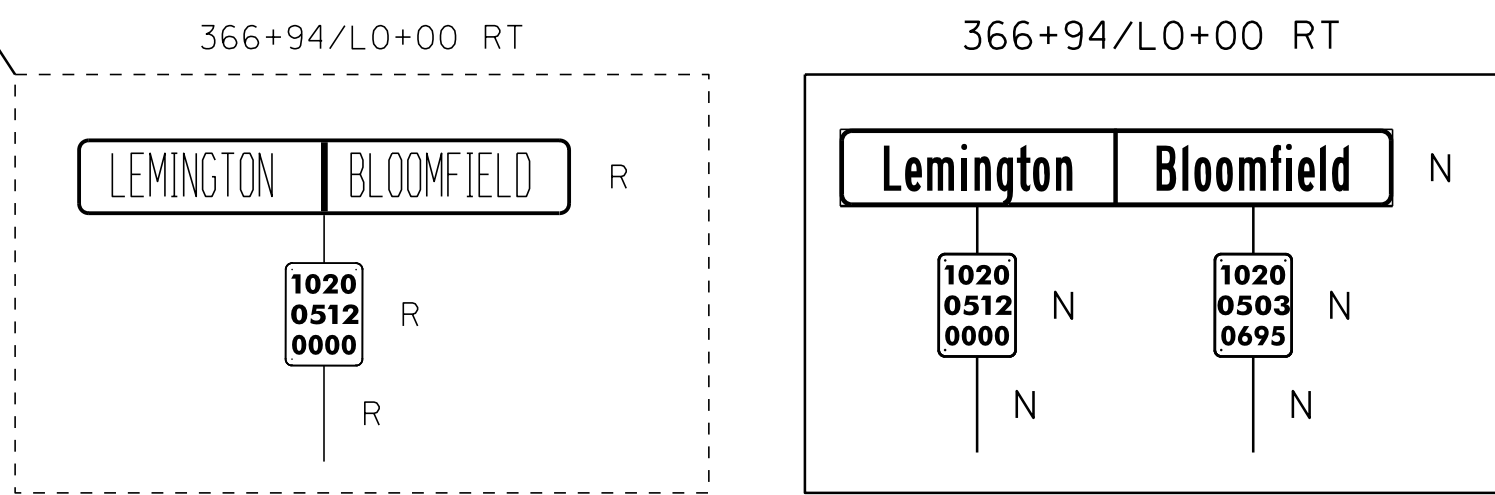
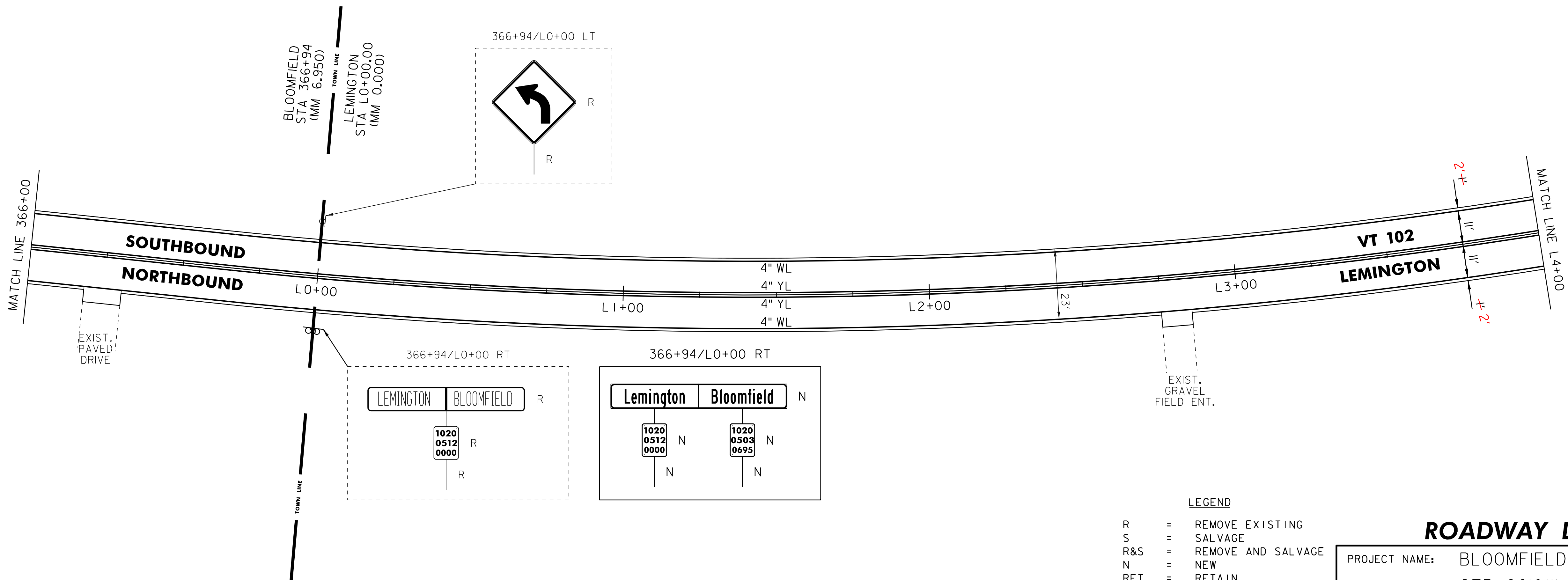
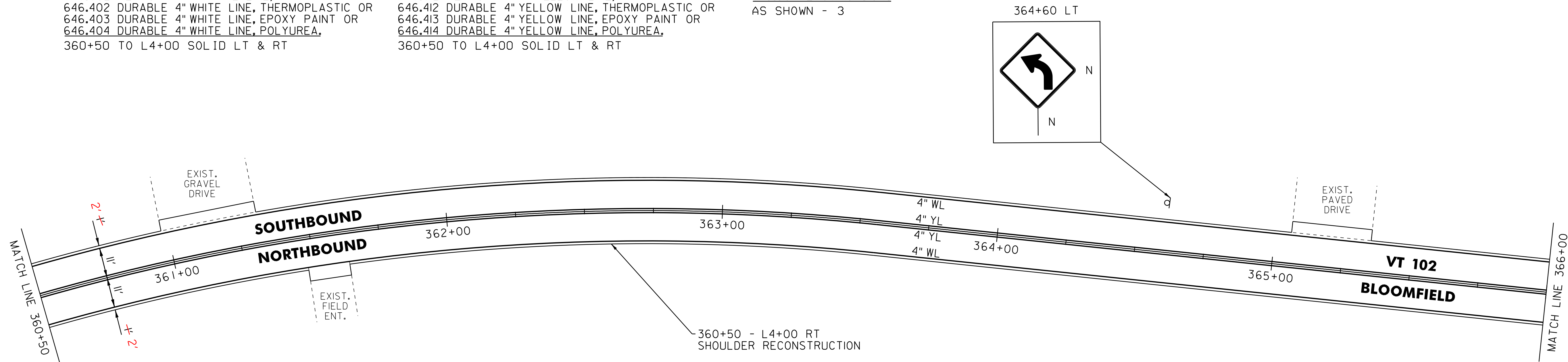
675.50 REMOVING SIGNS
AS SHOWN - 3

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
360+50 TO L4+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
360+50 TO L4+00 SOLID LT & RT

675.50 REMOVING SIGNS
AS SHOWN - 3



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- o = EXISTING GUARDRAIL
- o = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- o— = DELINEATOR

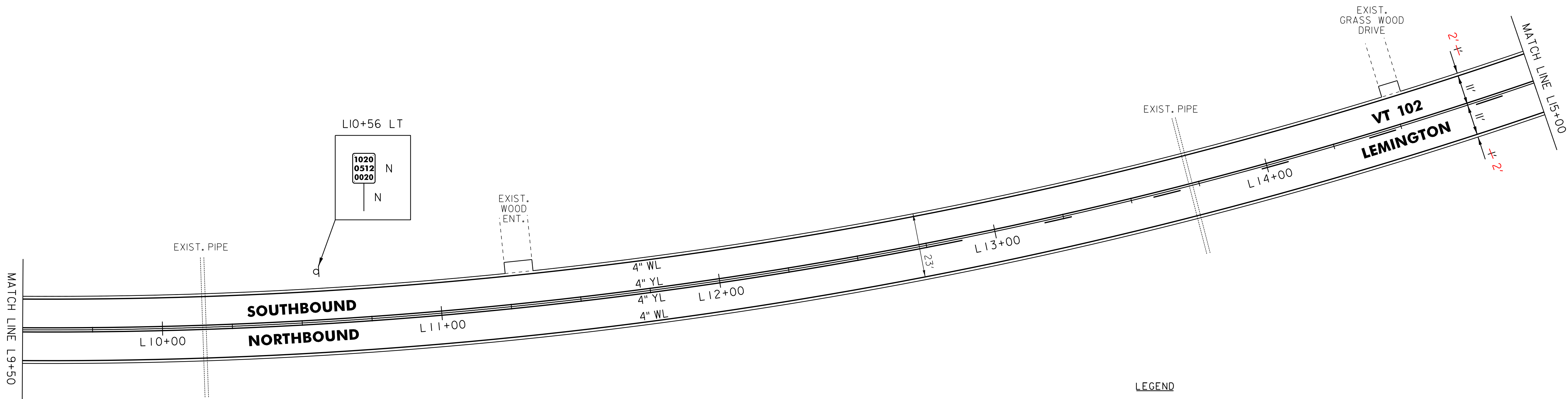
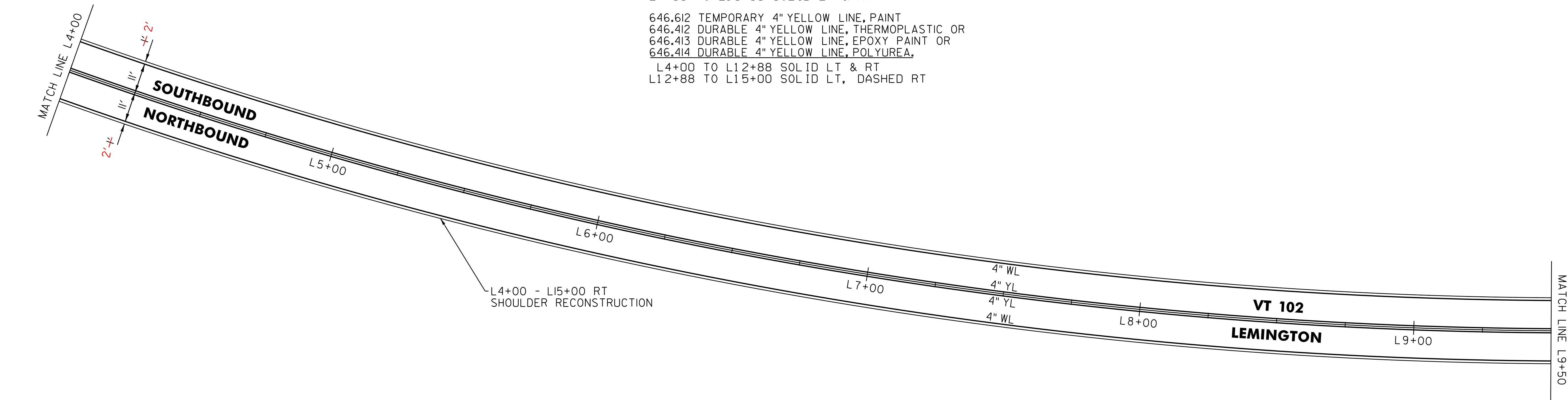
ROADWAY LAYOUT 35

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 16:59
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_49	SHEET 49 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L4+00 TO L15+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L4+00 TO L12+88 SOLID LT & RT
L12+88 TO L15+00 SOLID LT, DASHED RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 36

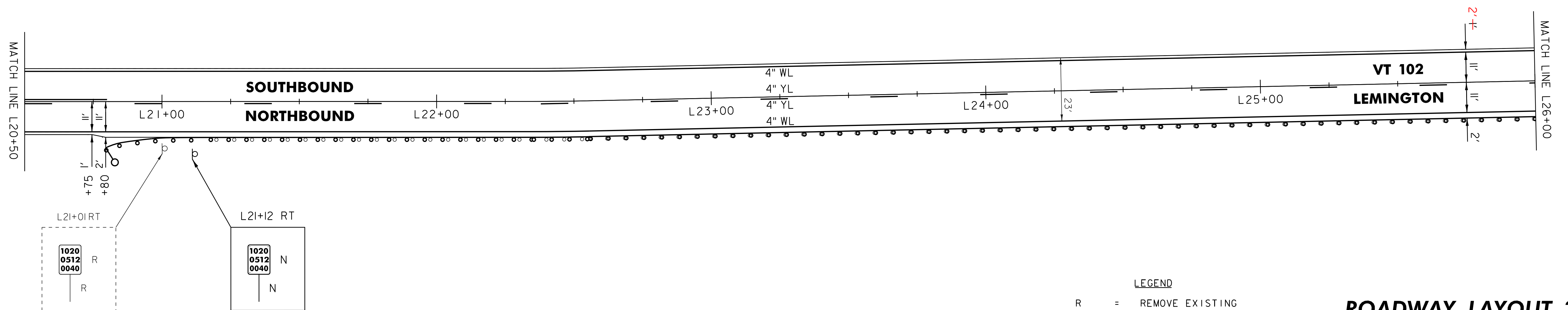
PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.50	SHEET 50 OF 82

NOT TO SCALE

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L15+00 TO L20+80 SOLID LT. DASHED RT
L20+80 TO L26+00 DASHED CL

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
 L20+79.5 TO L21+17 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L20+79.5 RT



R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_5I	SHEET 5I OF 82

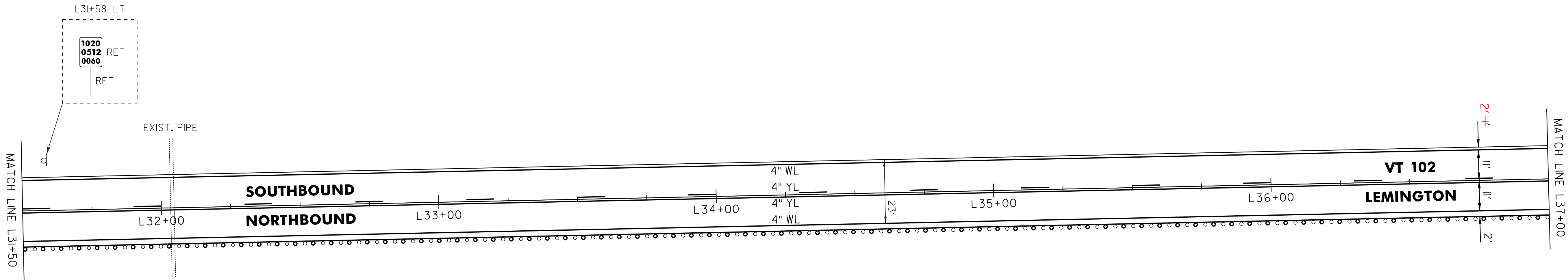
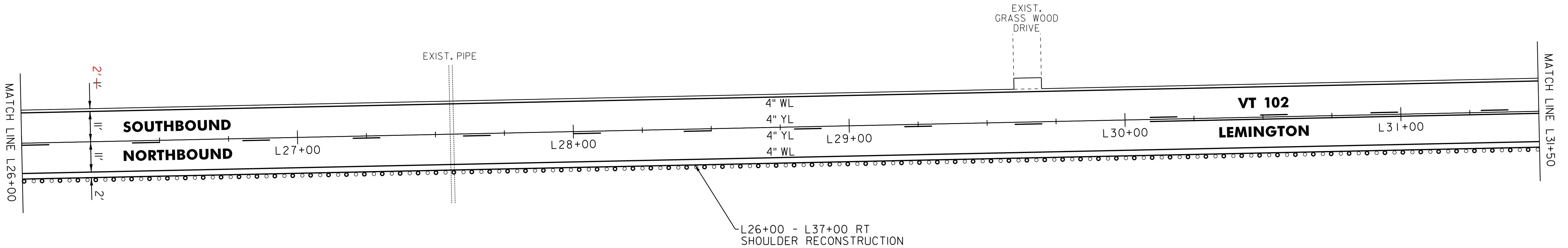
NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L26+00 TO L37+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L26+00 TO L30+10 DASHED CL
L30+10 TO L37+00 DASHED LT, SOLID RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L26+00 TO L37+00 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L26+00 TO L37+00 RT



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 38		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.52	SHEET 52 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L37+00 TO L47+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L37+00 TO L38+00 DASHED LT, SOLID RT
L38+00 TO L47+50 SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L37+00 TO L37+54.5 RT
L46+11 TO L47+50 RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
L37+54.5 TO L44+92 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L44+92 TO L45+29.5 RT

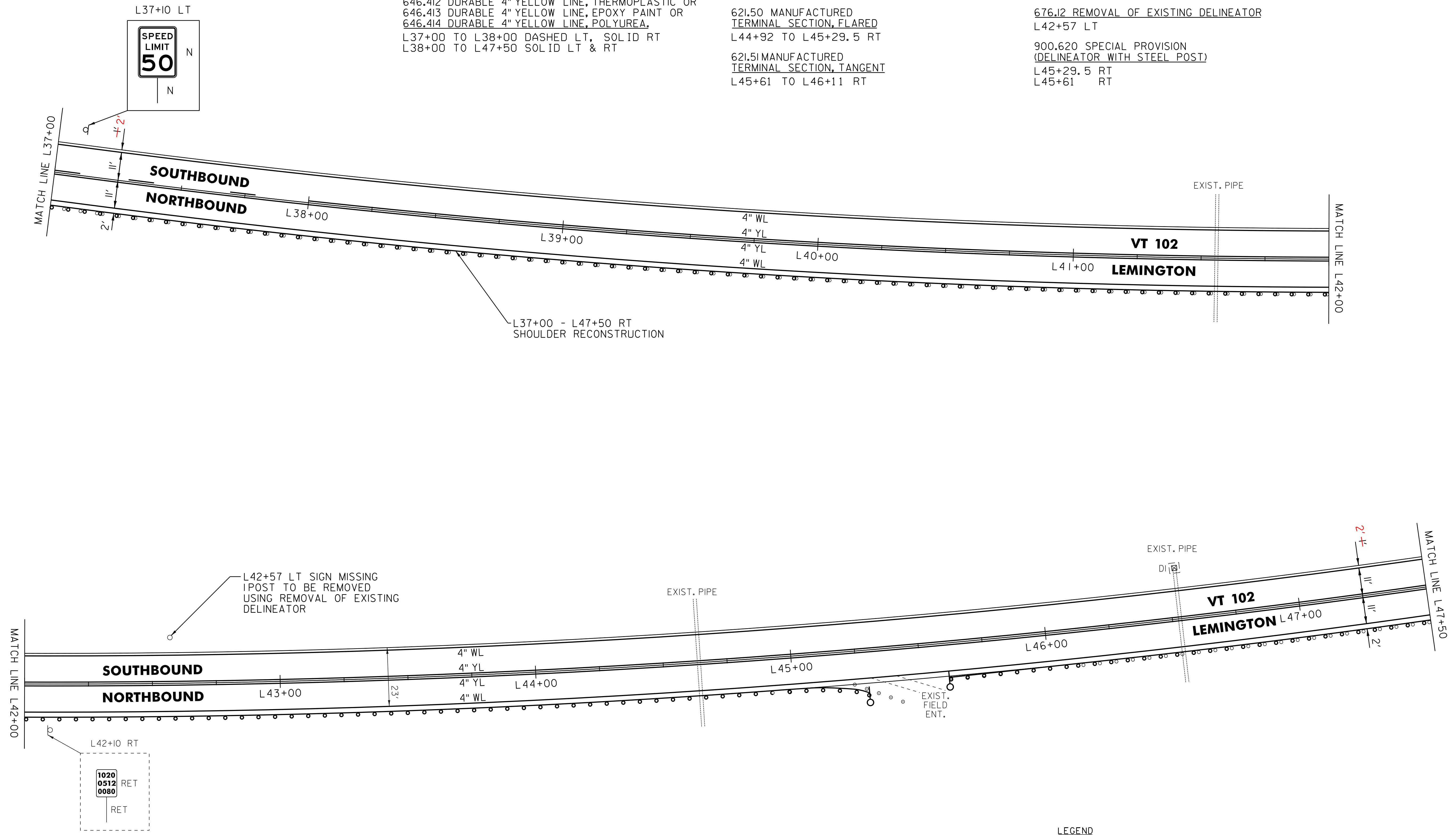
621.51 MANUFACTURED
TERMINAL SECTION, TANGENT
L45+61 TO L46+11 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L37+00 TO L44+99 RT
L45+61 TO L47+50 RT

621.81 REMOVAL AND
DISPOSAL OF GUIDE POSTS
L44+99 TO L45+38 RT (5 POSTS)

676.12 REMOVAL OF EXISTING DELINEATOR
L42+57 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L45+29.5 RT
L45+61 RT



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 39

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052

PLOT DATE: 19-JUN-2013 17:00

PROJECT LEADER: PTS

DRAWN BY: SNG

DESIGNED BY: NLL

CHECKED BY: PTS

IPARM FILE NAME: 06C052.53

SHEET 53 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L47+50 TO L58+50 SOLID LT & RT

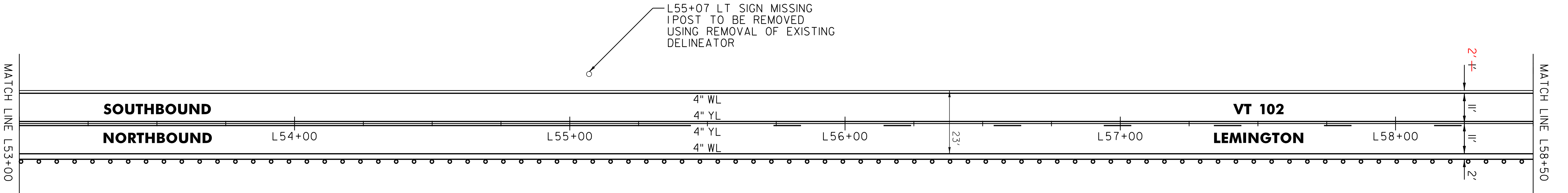
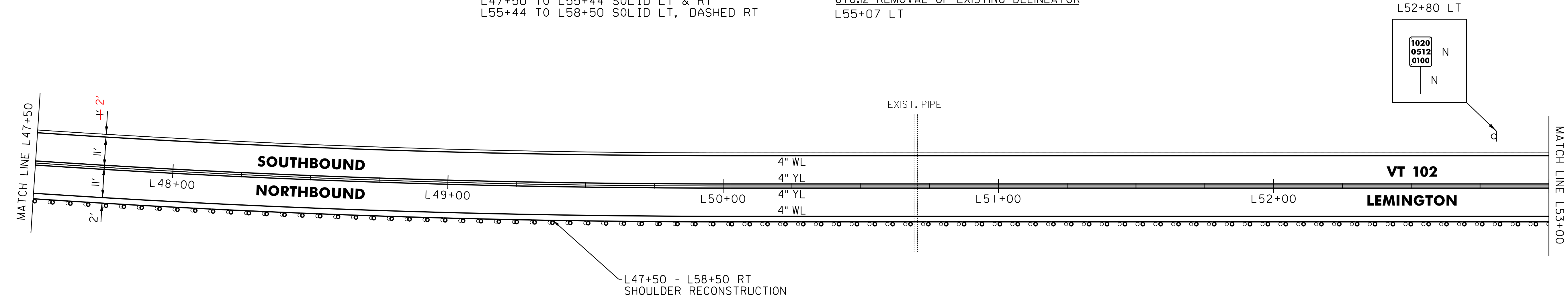
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L47+50 TO L55+44 SOLID LT & RT
L55+44 TO L58+50 SOLID LT, DASHED RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L47+50 TO L51+61 RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
L51+61 TO L58+50 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L47+50 TO L58+50 RT

676.12 REMOVAL OF EXISTING DELINEATOR
L55+07 LT



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 40		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NULL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.54	SHEET 54 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L58+50 TO L69+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L58+50 TO L63+35 SOLID LT, DASHED RT
L63+35 TO L69+50 DASHED LT, SOLID RT

621.205 STEEL BEAM GUARDRAIL,
GALVANIZED W/8' POSTS
L58+50 TO L59+86 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L59+86 TO L60+23.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L58+50 TO L60+04 RT

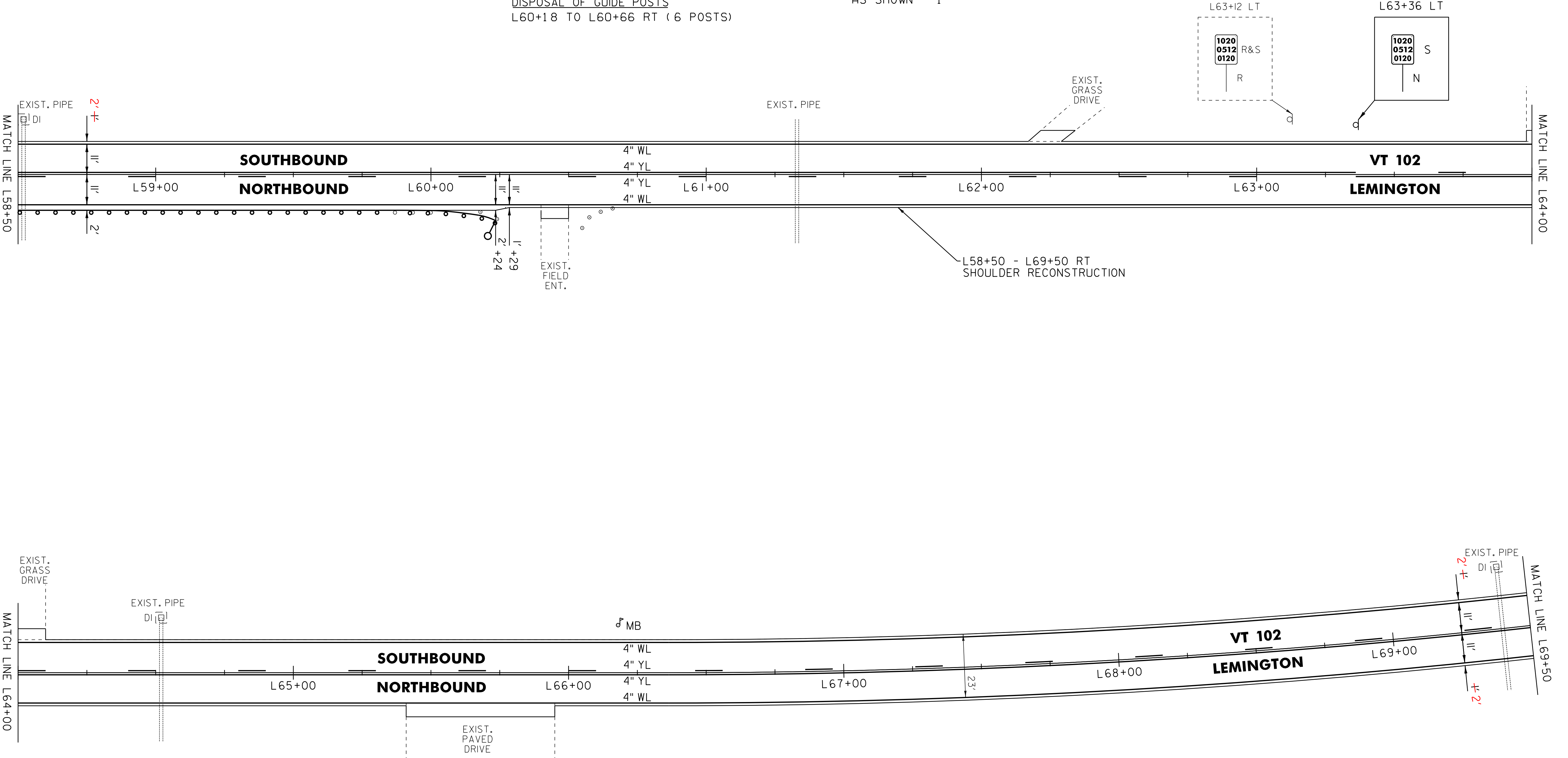
621.81 REMOVAL AND
DISPOSAL OF GUIDE POSTS
L60+18 TO L60+66 RT (6 POSTS)

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L60+23.5 RT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT
L66+18 LT

675.50 REMOVING SIGNS
AS SHOWN - 1

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 41

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.55	SHEET 55 OF 82

NOT TO SCALE

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA.
L69+50 TO L70+50 DASHED LT, SOLID RT
L70+50 TO L78+15 SOLID LT, DASHED RT
L78+15 TO L80+50 DASHED CL

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
 L70+08 TO L70+45.5 RT
 L76+45.5 TO L76+83 RT

L70+08	RT
L76+83	RT

675.50 REMOVING SIGNS
AS SHOWN - 1

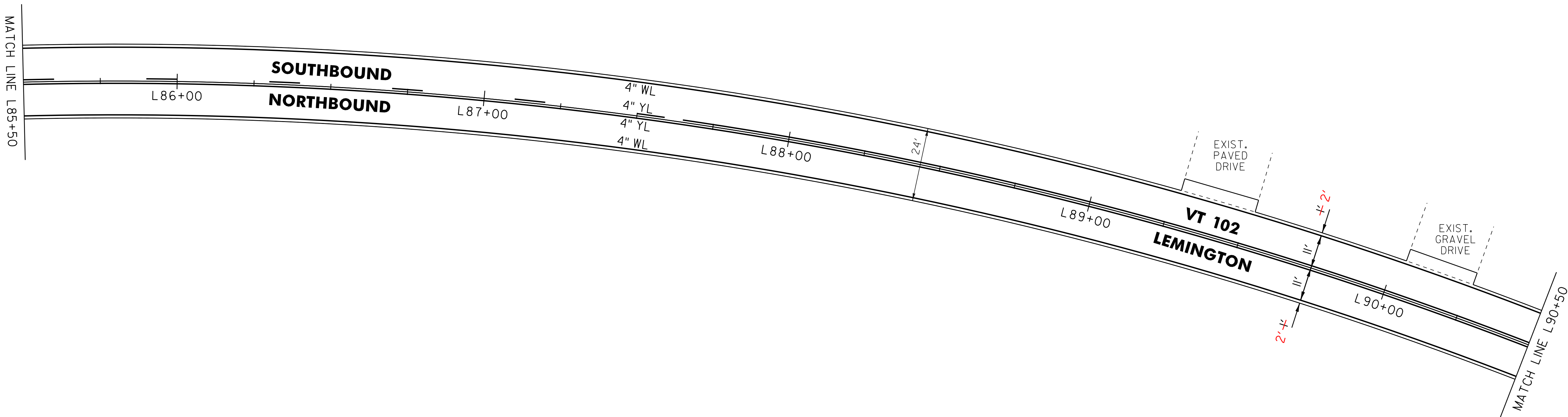
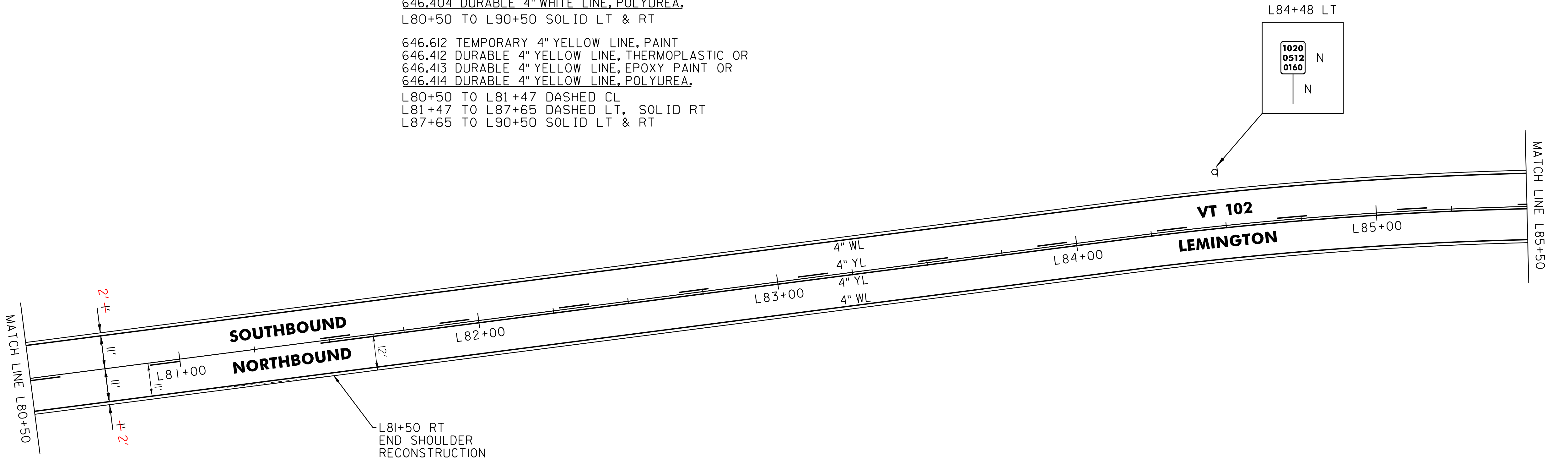


R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DEL INEATOR

CHECKED BY: FTS
SHEET 56 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L80+50 TO L90+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L80+50 TO L81+47 DASHED CL
L81+47 TO L87+65 DASHED LT, SOLID RT
L87+65 TO L90+50 SOLID LT & RT



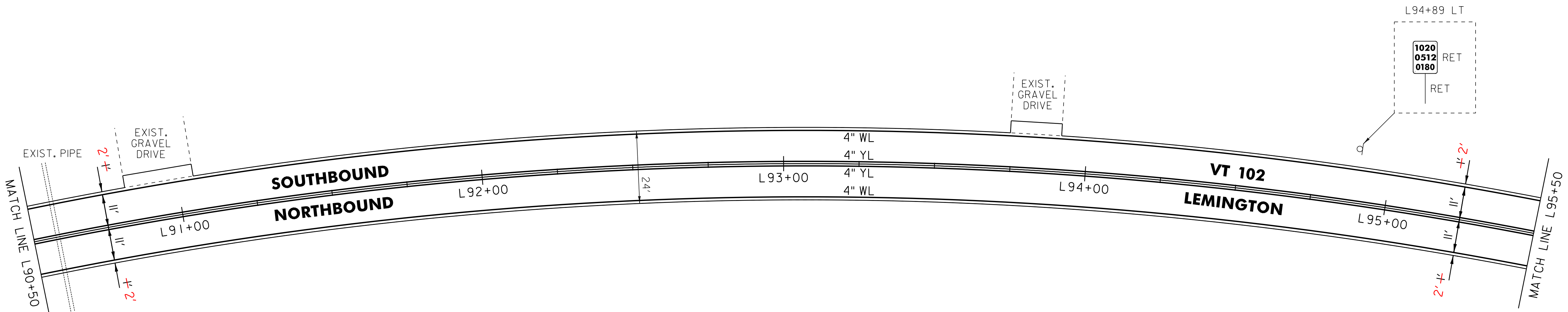
NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 43		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.57	SHEET 57 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L90+50 TO L95+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L90+50 TO L95+50 SOLID LT & RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

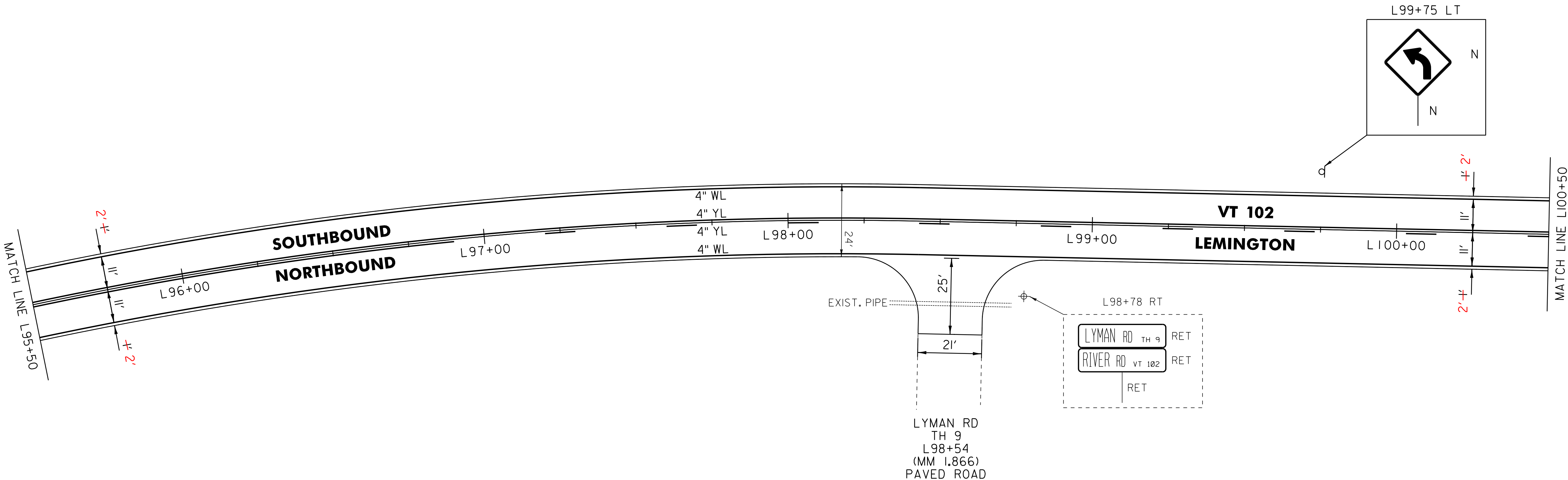
ROADWAY LAYOUT 44

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.58	SHEET 58 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L95+50 TO L100+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L95+50 TO L96+90 SOLID LT & RT
L96+90 TO L100+50 SOLID LT, DASHED RT



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 45

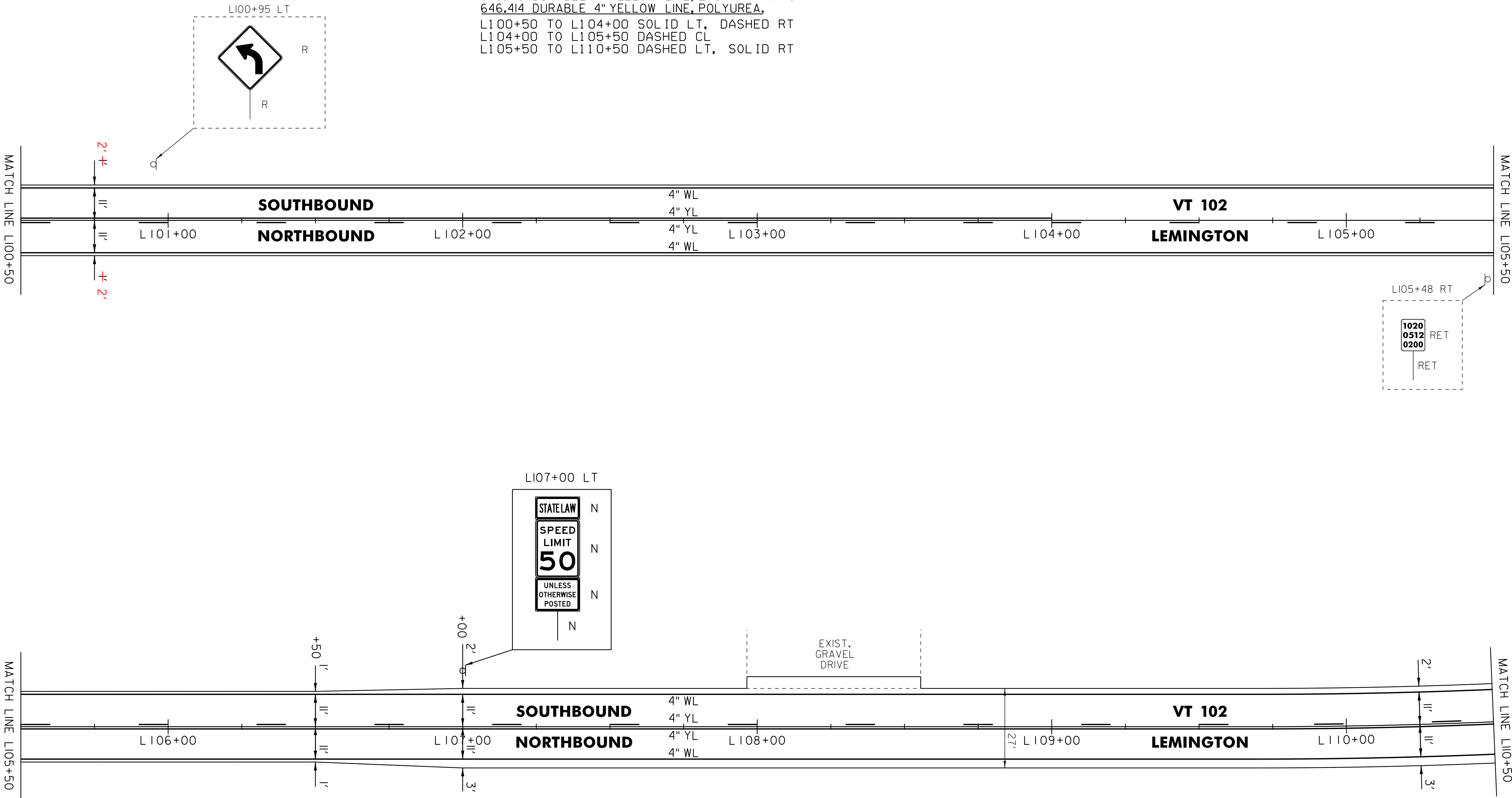
PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.59	SHEET 59 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L100+50 TO L110+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L100+50 TO L104+00 SOLID LT, DASHED RT
L104+00 TO L105+50 DASHED CL
L105+50 TO L110+50 DASHED LT, SOLID RT

675.50 REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
o	=	EXISTING GUARDRAIL
o	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
—o	=	DELINEATOR

ROADWAY LAYOUT 46		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.60	SHEET 60 OF 82	

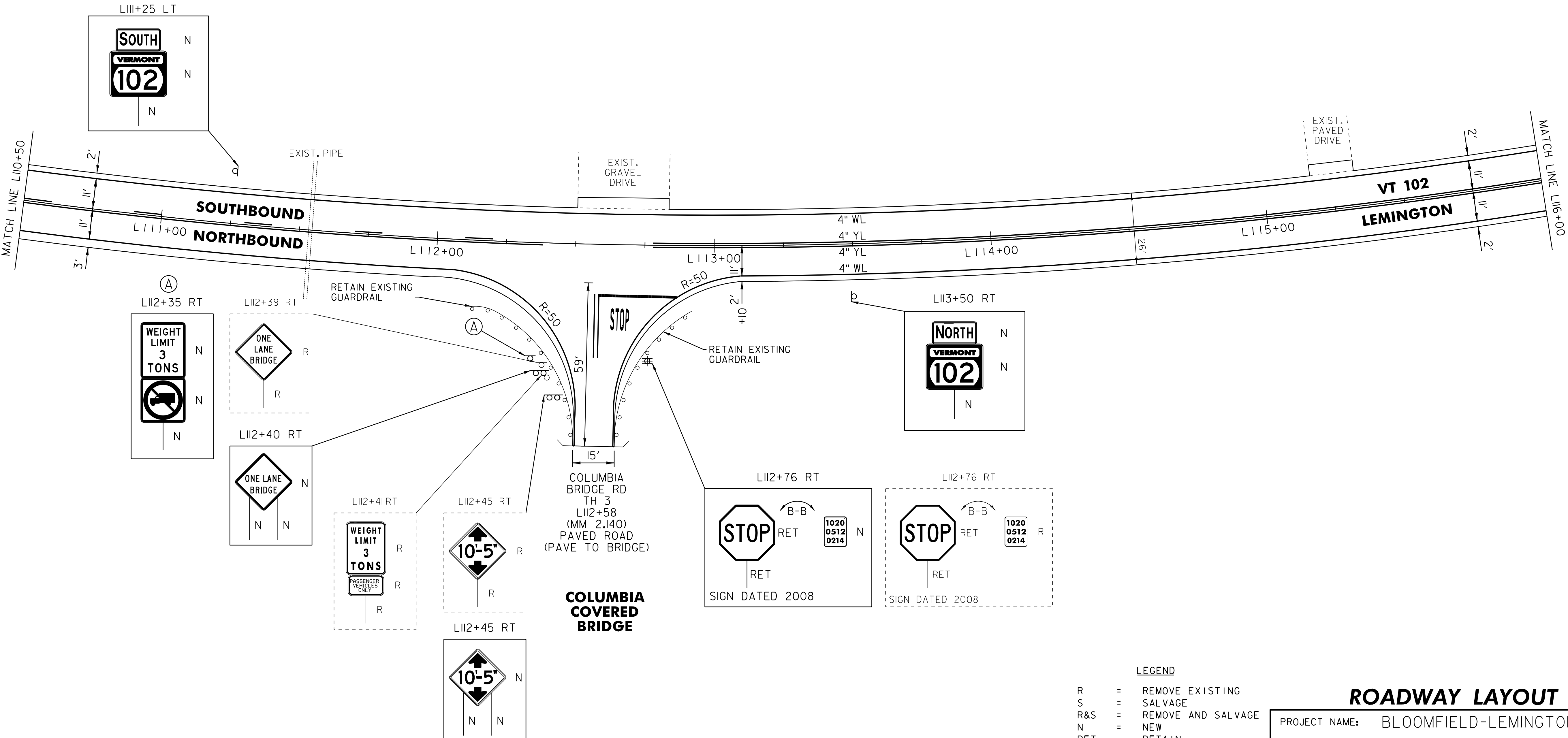
646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L110+50 TO L116+00 SOLID LT
L110+50 TO L112+06 SOLID RT
L112+06 TO L112+51 SOLID RT (TH 3)
L112+65 TO L113+10 SOLID RT (TH 3)
L113+10 TO L116+00 SOLID RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L110+50 TO L112+31 DASHED LT, SOLID RT
L112+58 DOUBLE SOLID RT (TH 3) (23' LONG)
L112+78 TO L116+00 SOLID LT & RT

646.682 TEMPORARY 24" STOP BAR, PAINT
646.482 DURABLE 24" STOP BAR, THERMOPLASTIC OR
646.483 DURABLE 24" STOP BAR, EPOXY PAINT OR
646.484 DURABLE 24" STOP BAR, POLYUREA,
L112+58 TO 112+87 RT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR
646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT OR
646.494 DURABLE LETTER OR SYMBOL, POLYUREA,
L112+64 RT - " STOP"

675.50 REMOVING SIGNS
AS SHOWN - 5



NOT TO SCALE

- LEGEND
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 47

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.61	SHEET 61 OF 82

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L116.63.5 RT
L119+43 RT

676.12 REMOVAL OF EXISTING DELINEATOR
L124+64 RT

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L127+00 TO L132+50 SOLID RT
L127+00 TO L129+97 SOLID LT
L129+97 TO L130+28 SOLID LT (TH 4)
L130+71 TO L130+92 SOLID LT (TH 4)
L130+92 TO L132+50 SOLID LT

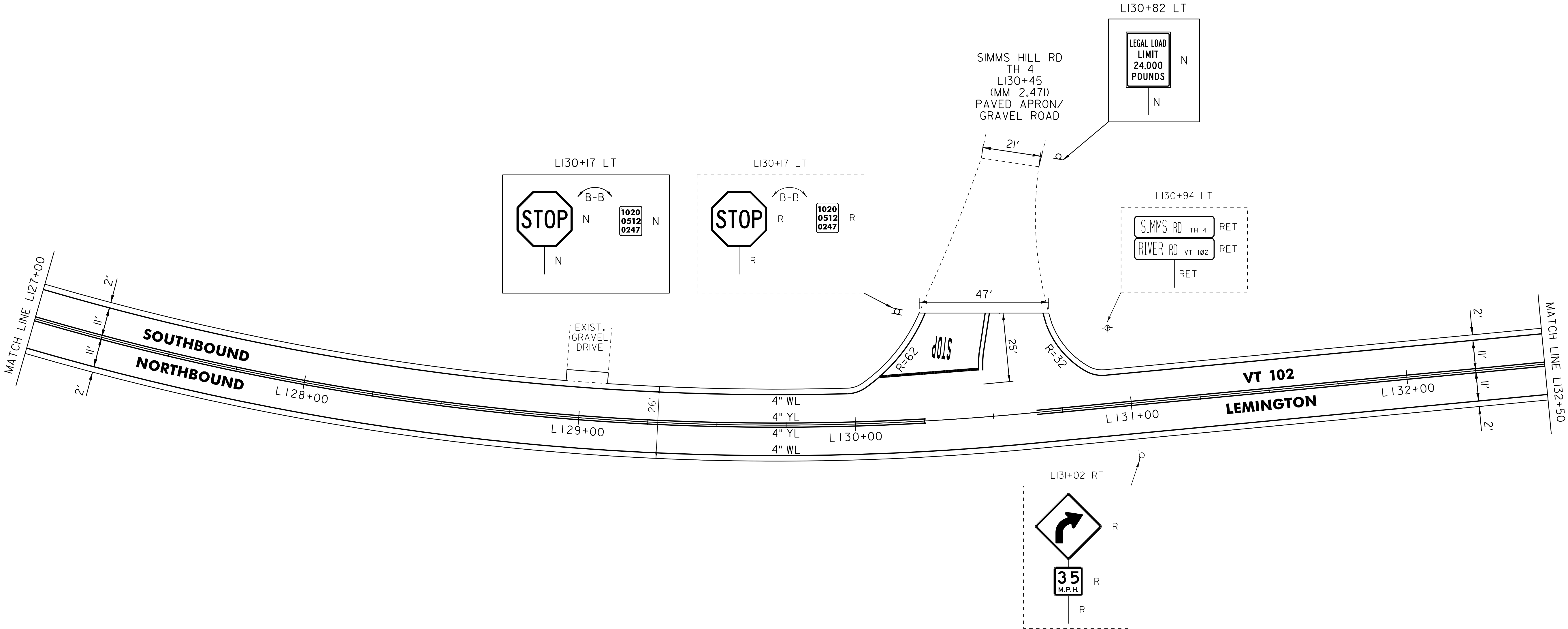
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L127+00 TO L130+25 SOLID LT & RT
L130+47 TO L130+51 DOUBLE SOLID LT (TH 4)
L130+66 TO L132+50 SOLID LT & RT

646.682 TEMPORARY 24" STOP BAR, PAINT
646.482 DURABLE 24" STOP BAR, THERMOPLASTIC OR
646.483 DURABLE 24" STOP BAR, EPOXY PAINT OR
646.484 DURABLE 24" STOP BAR, POLYUREA,
L130+09 TO L130+47 LT

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC OR
646.493 DURABLE LETTER OR SYMBOL, EPOXY PAINT OR
646.494 DURABLE LETTER OR SYMBOL, POLYUREA,
L130+33 LT - " STOP"

201.31 THINNING AND TRIMMING FOR SIGNS
L130+17 LT

675.50 REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 49		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.63	SHEET 63 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L132+50 TO L138+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L132+50 TO L138+00 SOLID LT & RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L134+58.5 TO L134+71 LT

616.35 TREATED TIMBER CURB
L135+23 TO L135+33 RT

621.51 MANUFACTURED
TERMINAL SECTION, TANGENT
L132+74 TO L133+24 RT

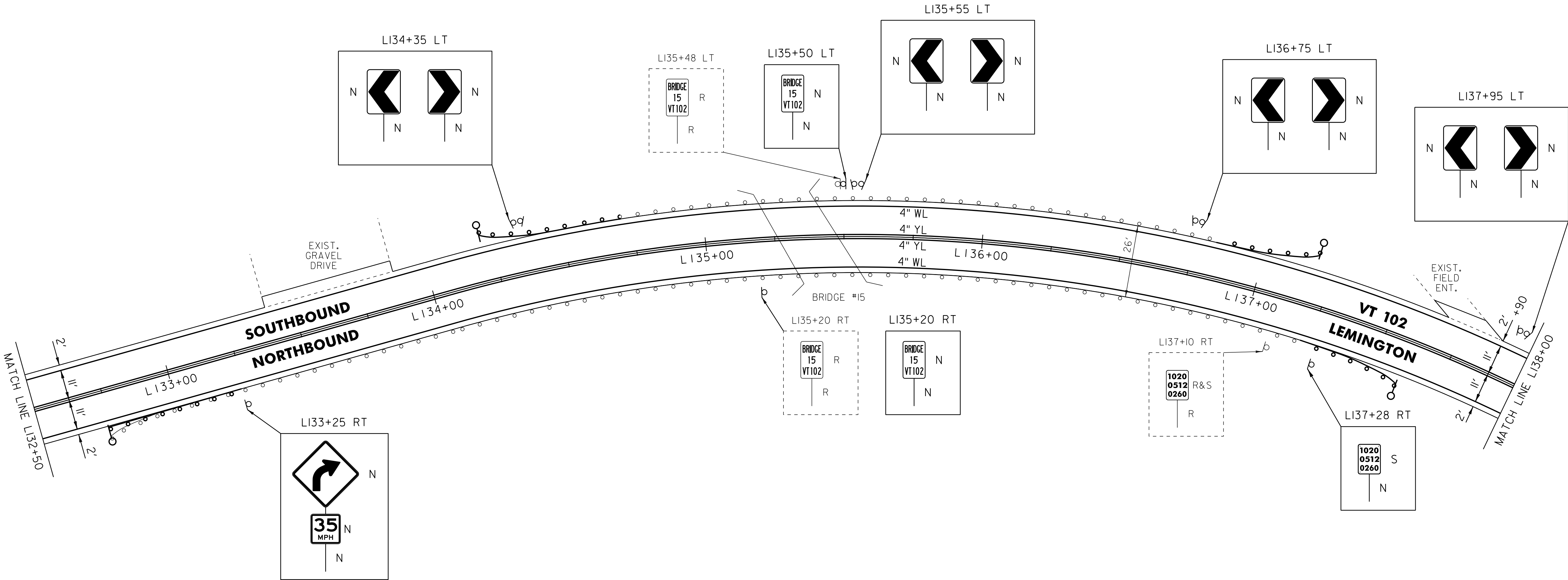
621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L134+21 TO L134+58.5 LT
L136+81.5 TO L137+19 LT
L137+22.5 TO L137+60 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L132+74 TO L133+24 RT
L134+21 TO L134+71 LT
L136+81.5 TO L137+19 LT
L137+22.5 TO L137+60 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L132+74 RT
L134+21 LT
L137+19 LT
L137+60 RT

675.50 REMOVING SIGNS
AS SHOWN - 3

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 50		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(I)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052.64	SHEET 64 OF 82	

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L138+00 TO L148+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L138+00 TO L140+18 SOLID LT & RT
L140+18 TO L147+84 SOLID LT, DASHED RT
L147+84 TO L148+50 DASHED CL

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L146+86.5 TO L147+11.5 RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L146+49 TO L146+86.5 RT

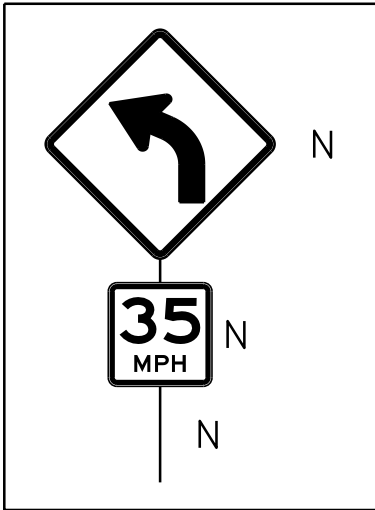
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L146+74 TO L147+11.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L146+49 RT

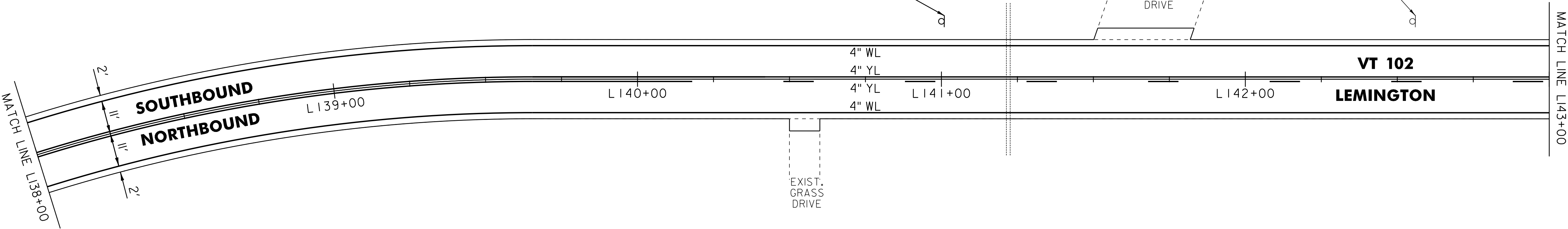
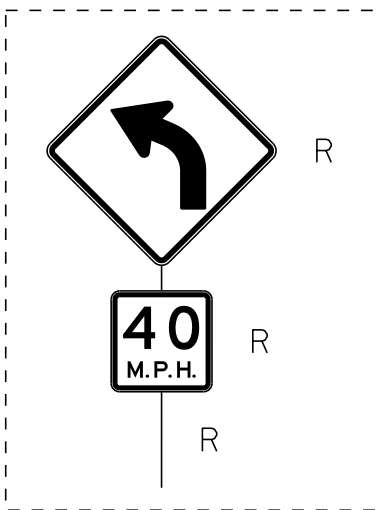
675.50 REMOVING SIGNS
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

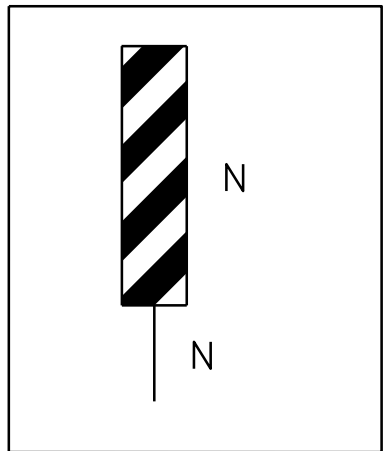
L141+00 LT



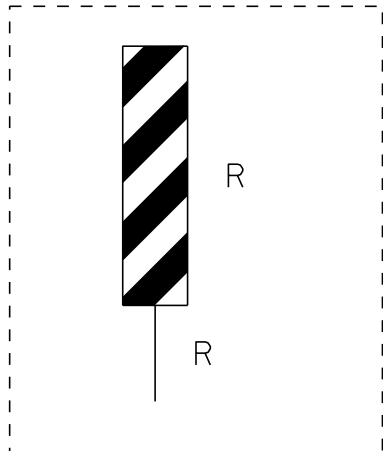
L142+55 LT



L145+61 LT

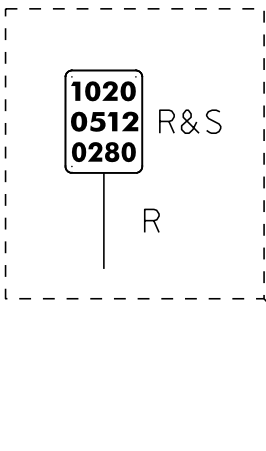


L145+61 LT

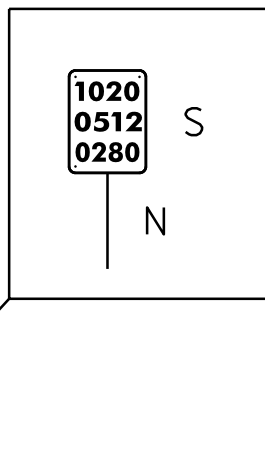


EXIST. PAVED DRIVE

L147+65 LT

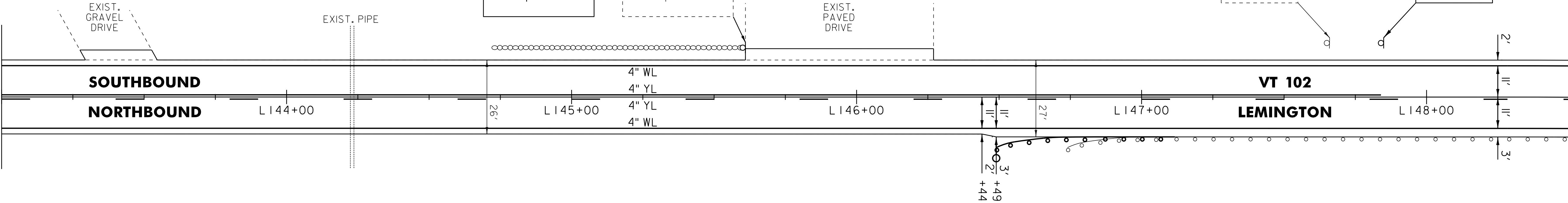


L147+84 LT



MATCH LINE L143+00

MATCH LINE L148+50



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 51

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06C052.65

PLOT DATE: 19-JUN-2013 17:00
DRAWN BY: SNG
CHECKED BY: PTS
SHEET 65 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L148+50 TO L159+50 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L148+50 TO L153+90 DASHED CL
L153+90 TO L159+50 DASHED LT, SOLID RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED

L153+56.5 TO L153+94 RT
L156+57 TO L156+94.5 RT

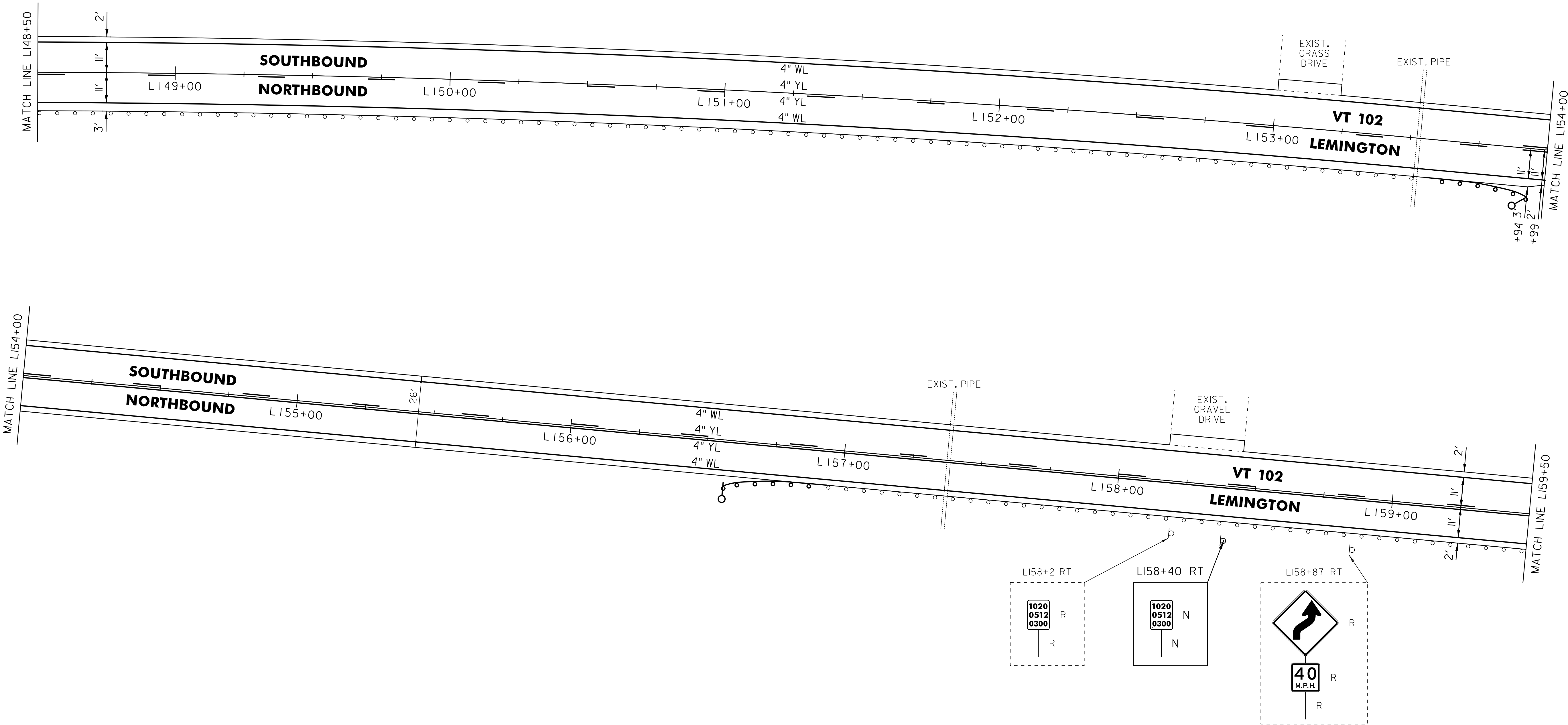
621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

L153+56.5 TO L153+94 RT
L156+57 TO L156+94.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)

L153+94 RT
L156+57 RT

675.50 REMOVING SIGNS
AS SHOWN - 3



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 52

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06C052.66

PLOT DATE: 19-JUN-2013 17:00
DRAWN BY: SNG
CHECKED BY: PTS
SHEET 66 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L159+50 TO L170+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L159+50 TO L161+30 DASHED LT, SOLID RT
L161+30 TO L170+00 SOLID LT & RT

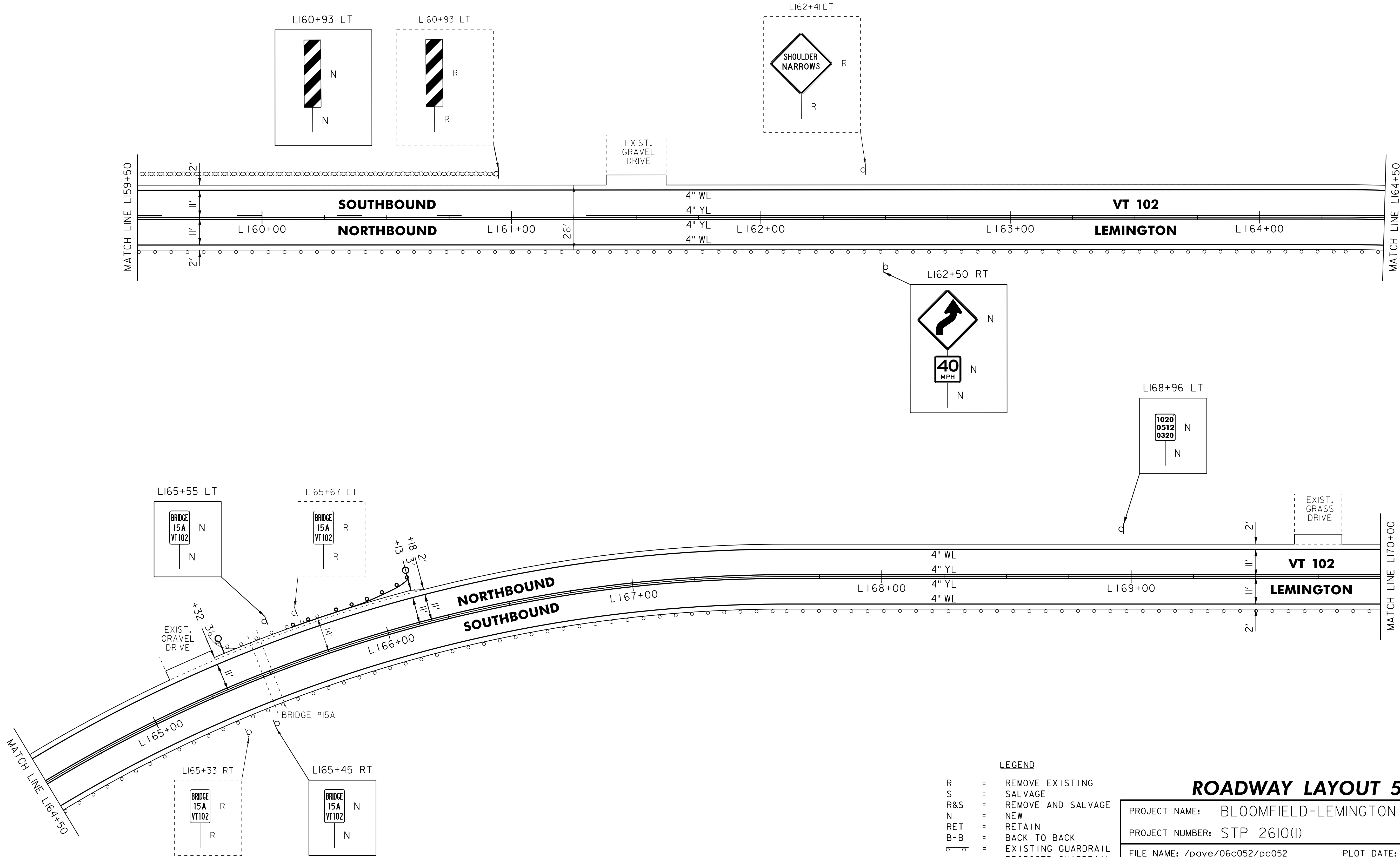
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
L165+63 TO L165+75.5 LT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L165+75.5 TO L166+13 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L165+63 TO L166+13 LT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L165+36 LT
L166+13 LT

675.50 REMOVING SIGNS
AS SHOWN - 4



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 53

PROJECT NAME: BLOOMFIELD-LEMINGTON

PROJECT NUMBER: STP 2610(I)

FILE NAME: /pave/06c052/pc052
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06C052.67

PLOT DATE: 19-JUN-2013 17:00
DRAWN BY: SNG
CHECKED BY: PTS
SHEET 67 OF 82

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L170+00 TO L180+00 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L170+00 TO L180+00 SOLID LT & RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L175+94.5 TO L176+32 RT

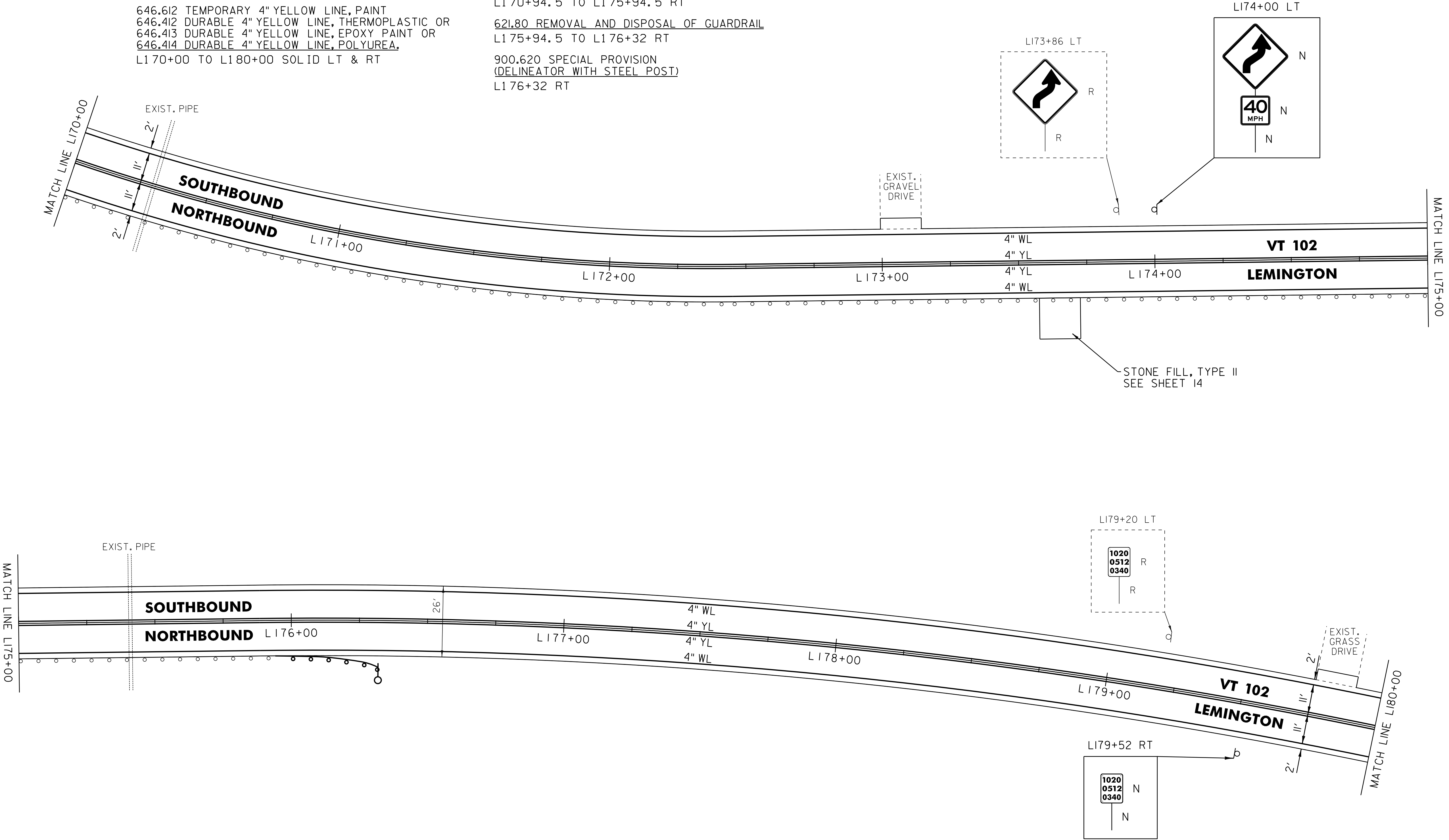
621.79 ADJUST HEIGHT OF GUARDRAIL
L170+94.5 TO L175+94.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L175+94.5 TO L176+32 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L176+32 RT

613.11 STONE FILL, TYPE II
649.31 GEOTEXTILE UNDER STONE FILL
L173+65 RT

675.50 REMOVING SIGNS
AS SHOWN - 2



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 54

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.68	SHEET 68 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT
646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR
646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR
646.404 DURABLE 4" WHITE LINE, POLYUREA,
L180+00 TO L190+00 SOLID LT & RT

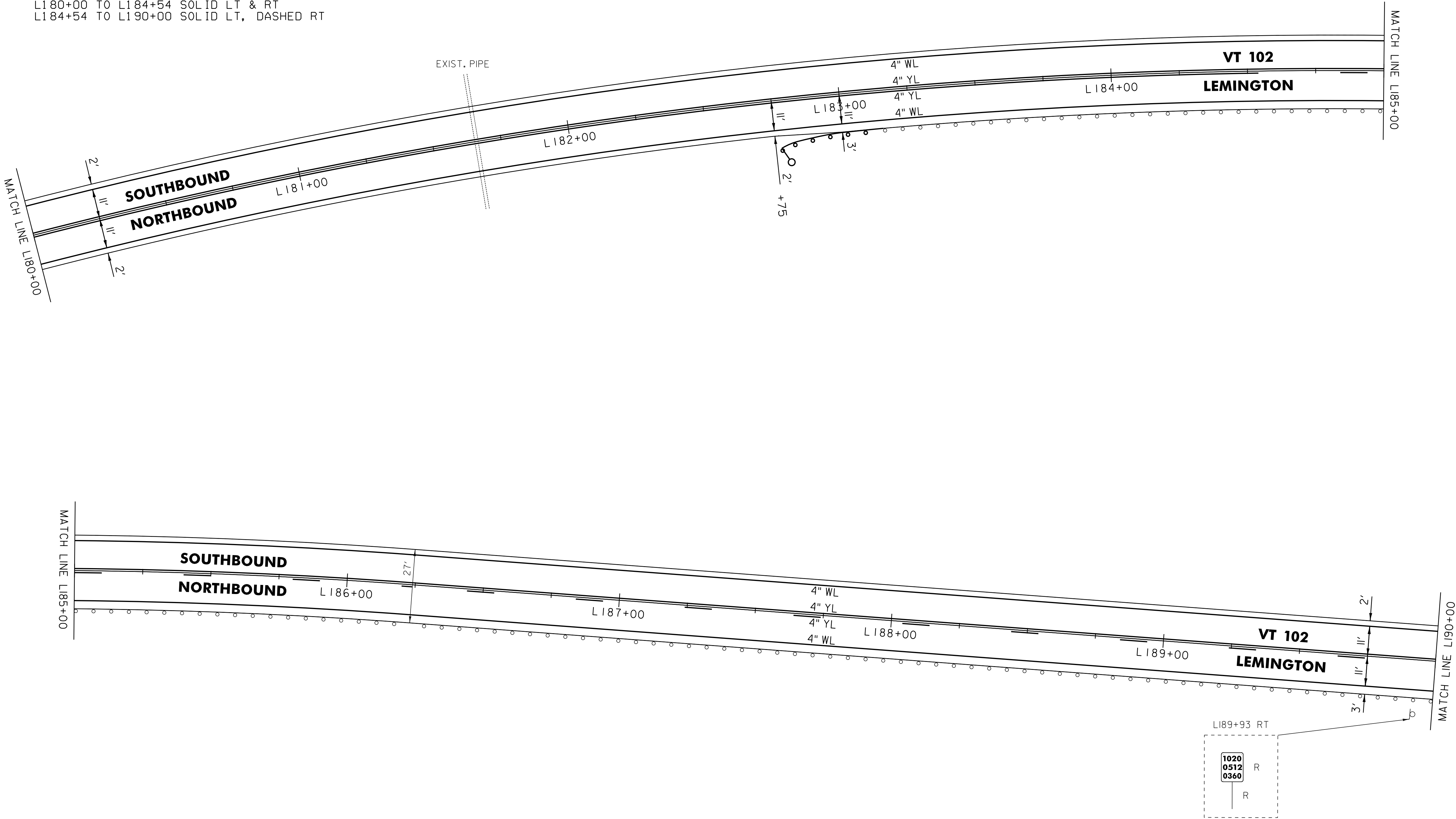
646.612 TEMPORARY 4" YELLOW LINE, PAINT
646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR
646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR
646.414 DURABLE 4" YELLOW LINE, POLYUREA,
L180+00 TO L184+54 SOLID LT & RT
L184+54 TO L190+00 SOLID LT, DASHED RT

621.50 MANUFACTURED
TERMINAL SECTION, FLARED
L182+77 TO L183+14.5 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
L182+77 TO L183+14.5 RT

900.620 SPECIAL PROVISION
(DELINEATOR WITH STEEL POST)
L182+77 RT

675.50 REMOVING SIGNS
AS SHOWN - 1



LEGEND

- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- = EXISTING GUARDRAIL
- |— = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 55

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.69	SHEET 69 OF 82

NOT TO SCALE

646.602 TEMPORARY 4" WHITE LINE, PAINT

646.402 DURABLE 4" WHITE LINE, THERMOPLASTIC OR

646.403 DURABLE 4" WHITE LINE, EPOXY PAINT OR

646.404 DURABLE 4" WHITE LINE, POLYUREA,

L190+00 TO L193+35.36 SOLID LT & RT

646.612 TEMPORARY 4" YELLOW LINE, PAINT

646.412 DURABLE 4" YELLOW LINE, THERMOPLASTIC OR

646.413 DURABLE 4" YELLOW LINE, EPOXY PAINT OR

646.414 DURABLE 4" YELLOW LINE, POLYUREA,

L190+00 TO L190+34 SOLID LT, DASHED RT

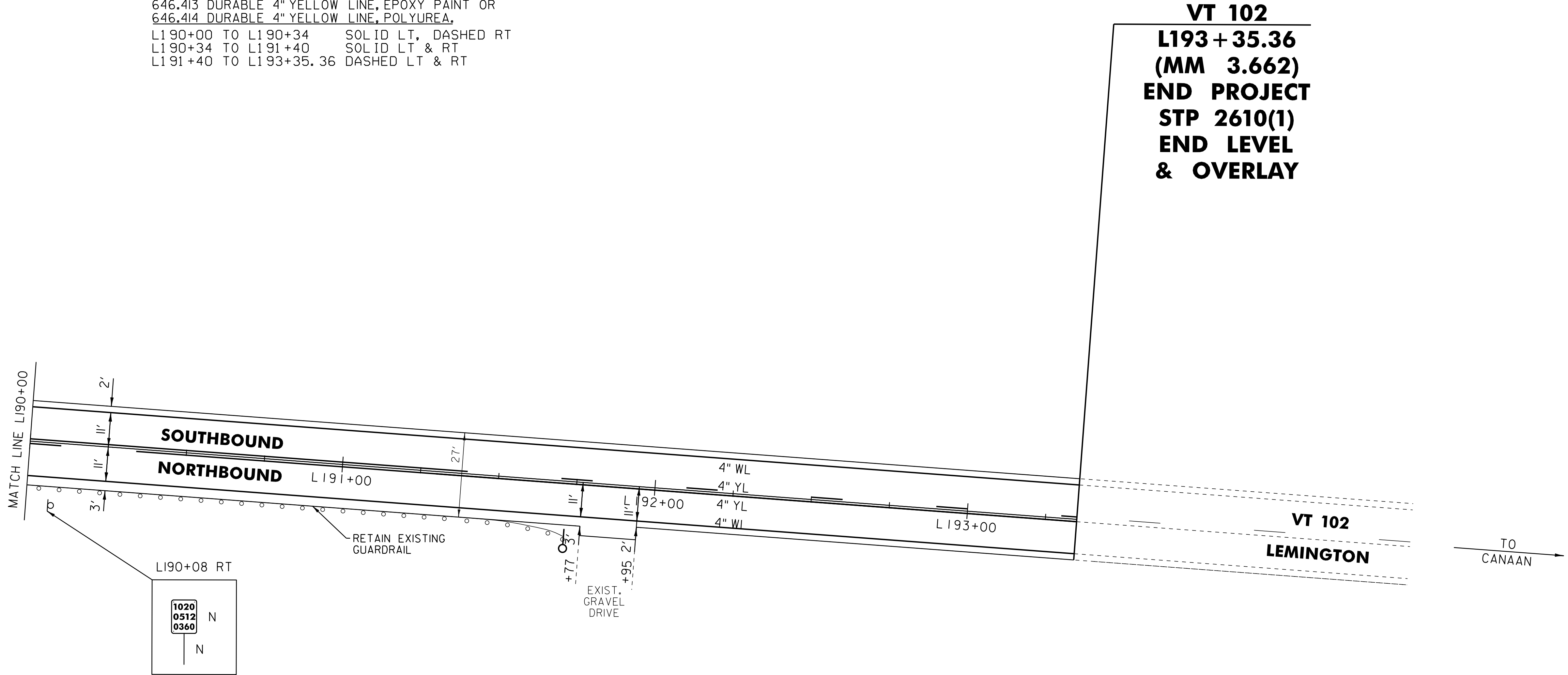
L190+34 TO L191+40 SOLID LT & RT

L191+40 TO L193+35.36 DASHED LT & RT

900.620 SPECIAL PROVISION

(DELINEATOR WITH STEEL POST)

L191+72 RT



NOT TO SCALE

LEGEND		
R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 56		
PROJECT NAME: BLOOMFIELD-LEMINGTON		
PROJECT NUMBER: STP 2610(1)		
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00	
PROJECT LEADER: PTS	DRAWN BY: SNG	
DESIGNED BY: NLL	CHECKED BY: PTS	
IPARM FILE NAME: 06C052_70	SHEET 70 OF 82	

TRAFFIC SIGN SUMMARY SHEET #1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	S SALVAGE	NO. OF POSTS	NEW SIGN POSTS																RE S FR AME NE ED	REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS				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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN		NO. OF POSTS	NEW SIGN POSTS															RE QU IR ED SI G N M E T E R S	REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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		E A	WIDTH (in)	HEIGHT (in)	“A”	“B”	SALV SIGN	SALV TIS				1.75	2.0	2.5	A N C H O R	S L E E V E	3.0	4.0	4.0 MOD	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE				WEIGHT	POST SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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GENERAL NOTES

SIGN DESIGN AND FABRICATION NOTES

- ALL SIGNS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST REVISION OF THE 2009 MUTCD, THE 2004 STANDARD HIGHWAY SIGNS BOOK (SHS), STANDARD HIGHWAY SIGNS AND MARKINGS (SHSM) DETAILS AS AVAILABLE, VTRANS STANDARDS OR AS DETAILED IN THE PLANS.
- ALL LETTERS AND NUMBERS USED FOR ALL SIGNS SHALL CONFORM TO THE APPLICABLE FONT AS DEFINED AND DETAILED IN THE 2004 SHS.
- ALL ARROWS AND SYMBOLS SHALL CONFORM WITH THE 2004 SHS UNLESS OTHERWISE DETAILED IN THE PLANS.
- COLORS USED ON ALL SIGNS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 1A.12 OF THE MUTCD.
- SIGN SHEETING FOR FLUORESCENT YELLOW AND FLUORESCENT YELLOW GREEN SHALL BE ASTM D4956 TYPE VII, VIII OR IX. ALL OTHER SIGN SHEETING SHALL BE TYPE III OR IV.
- SHEETING TYPES AND MANUFACTURERS SHALL NOT BE MIXED ON A SINGLE SIGN ASSEMBLY. SHEETING COLOR/TYPE SHOULD BE BY THE SAME MANUFACTURER AND BE CONSISTENT THROUGHOUT THE PROJECT UNLESS OTHERWISE DETAILED ON THE PLANS.
- SIGN BASE MATERIAL FOR DELINEATORS AND MILE MARKER PLAQUES (VD-700) SHALL BE 0.063" THICK FLAT SHEET ALUMINUM. UNLESS OTHERWISE NOTED ON THE PLANS, ALL OTHER SIGNS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIGN SIZE	12" X 12"		
	18" X 18"		
	21" X 15"		
	24" X 8"		
	24" X 10"		48" X 18"
	24" X 12"	36" X 12"	48" X 24"
	24" X 18"	36" X 15"	48" X 30"
	24" X 24"	36" X 18"	48" X 42"
	24" X 30"	36" X 24"	48" X 48"
	30" X 15"	36" X 36"	48" X 60"
	30" X 18"	36" X 42"	72" X 10"
	30" X 30"	36" X 48"	72" X 12"
	30" X 42"	36" X 54"	72" X 20"
THICKNESS	0.080"	0.100"	0.125"

SIGN POST NOTES

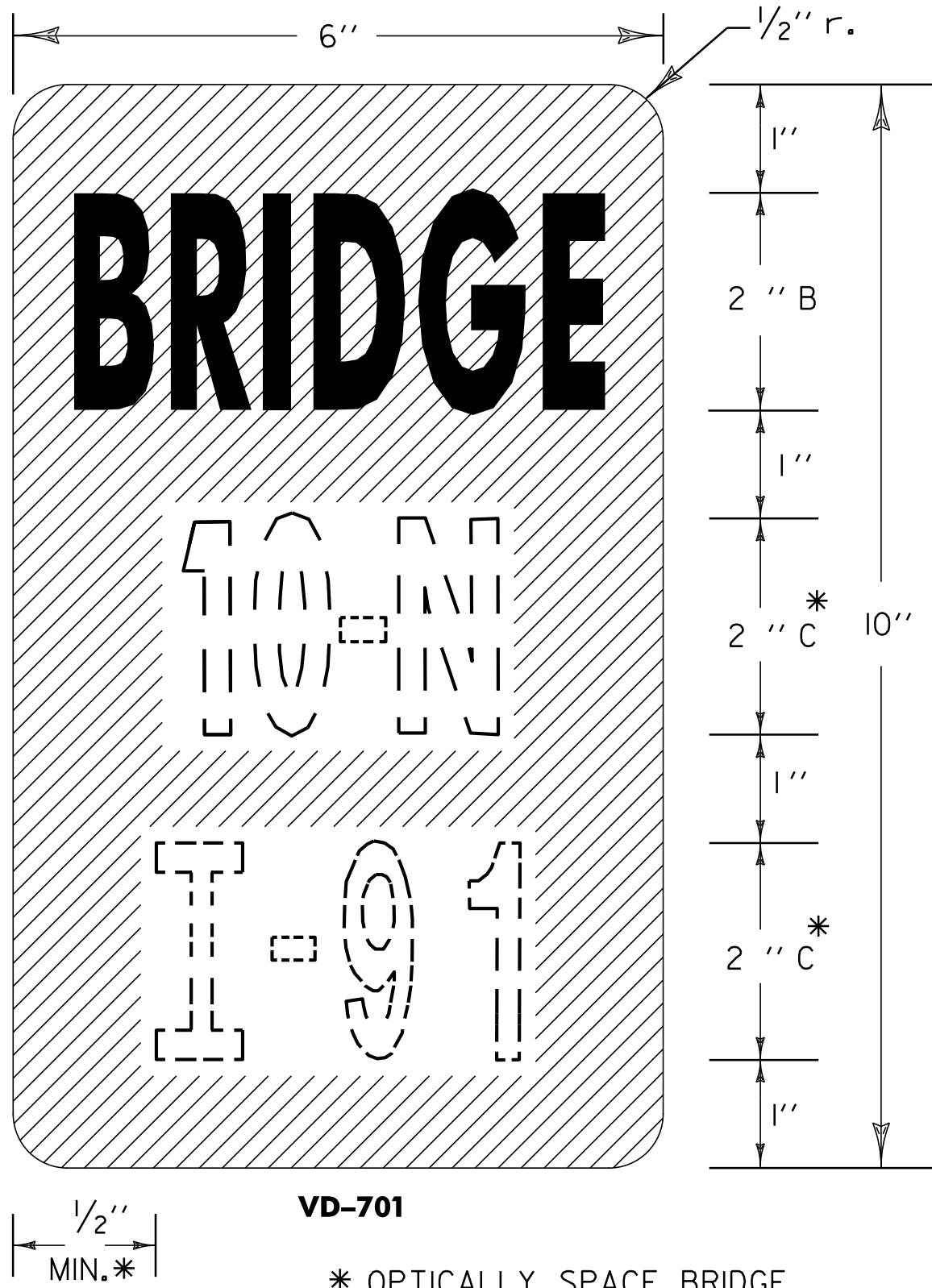
- ALL SIGN POSTS SHALL BE INSTALLED IN A NEW ANCHOR. ALL SIGNS INSTALLED IN PAVED OR CONCRETE ISLANDS OR SIDEWALKS SHALL ALSO BE INSTALLED WITH AN 18" SLEEVE. PAYMENT FOR SLEEVE SHALL BE INCIDENTAL TO THE SIGN POST.
- 1.75" SQUARE STEEL POSTS SHALL BE 14 GAUGE STEEL. 2" AND 2.5" SQUARE STEEL POSTS SHALL BE 12 GAUGE STEEL.

SIGN INSTALLATION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT THEIR EXPENSE.
- ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE RESIDENT ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
- ALL SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH VTRANS STANDARD E-121 STANDARD SIGN PLACEMENT CONVENTIONAL ROADS, UNLESS OTHERWISE NOTED.
- ALL SIGNS, FRAMES, MOUNTING HARDWARE, POSTS, AND ANCHORS FOR ANY SIGN ASSEMBLY SHALL BE REPLACED AT THE SAME TIME. MIXING OF OLD AND NEW SIGNS ON THE SAME ASSEMBLY WILL NOT BE ALLOWED EXCEPT AS NOTED ON THE PLANS.
- NEW SIGNS WITH THEIR GREATER NIGHTTIME REFLECTIVITY CAN OBSCURE OLDER SIGNS MOUNTED ADJACENT TO THEM. TO AVOID CONFUSION OF ROAD USERS, WORK SHALL BE COORDINATED SUCH THAT ALL SIGNS ASSOCIATED WITH A CURVE, INTERSECTION, OR SPEED CHANGE, SHALL BE REPLACED ON THE SAME DAY AND NOT LEFT INCOMPLETE OR WITH A MIXTURE OF OLD AND NEW SIGNS WITHIN A GROUP OF ASSOCIATED SIGNS.

FOR EXAMPLE, ROUTE NUMBERS

SHALL APPEAR AS: I-91, US5, VT22



BRIDGE PLAQUE NOTES

GENERAL:
DOTTED LINES AND NUMERALS INDICATE TEXT THAT VARIES.

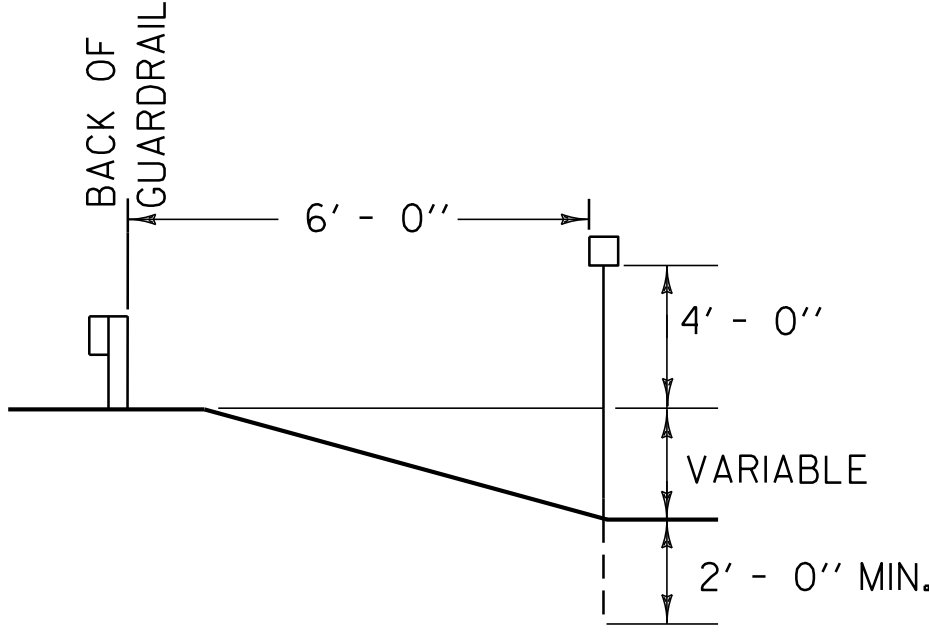
MATERIAL:
THE SIGN BASE MATERIAL SHALL BE 0.040 INCH FLAT SHEET ALUMINUM.

COLORS:
THE SIGN SHALL HAVE A RETROREFLECTORIZED WHITE TEXT ON RETROREFLECTORIZED GREEN BACKGROUND. THE COLORS SHALL CONFORM WITH THOSE FOUND IN STANDARD COLOR TOLERANCE CHARTS AS APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.

RETROREFLECTIVITY WILL BE EQUAL TO OR EXCEEDING ASTM TYPE III.

LETTERING:
LETTERS AND DIGITS SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AS PRINTED BY THE FEDERAL HIGHWAY ADMINISTRATION.

POSTS:
1 3/4 INCH SQUARE STEEL POST WITH 2 INCH ANCHOR SHALL BE USED. POST SHALL BE A MINIMUM OF 8 FEET.



MILE MARKERS

STATION	MILE MARK	REMARKS
BLOOMFIELD		
31+68 RT	1020/0503/0060	NEW
42+24 RT	1020/0503/0080	R&S
52+80 LT	1020/0503/0100	R&S
63+36 RT	1020/0503/0120	R&S
73+92 LT	1020/0503/0140	R&S
84+48 RT	1020/0503/0160	R&S
95+04 LT	1020/0503/0180	NEW
105+60 RT	1020/0503/0200	R&S
116+16 LT	1020/0503/0220	R&S
126+72 RT	1020/0503/0240	R&S
137+28 LT	1020/0503/0260	R&S W/ VT 102 SIGN
147+84 RT	1020/0503/0280	NEW
158+40 LT	1020/0503/0300	R&S
179+52 LT	1020/0503/0340	NEW
190+08 RT	1020/0503/0360	R&S
200+64 LT	1020/0503/0380	NEW
211+20 LT	1020/0503/0400	NEW
221+76 RT	1020/0503/0420	R&S
232+32 RT	1020/0503/0440	R&S
242+88 LT	1020/0503/0460	R&S
253+44 RT	1020/0503/0480	NEW
264+00 RT	1020/0503/0500	NEW
274+56 LT	1020/0503/0520	NEW
285+12 RT	1020/0503/0540	NEW
295+68 LT	1020/0503/0560	NEW
306+24 LT	1020/0503/0580	NEW
316+80 LT	1020/0503/0600	NEW
327+36 LT	1020/0503/0620	NEW
337+92 RT	1020/0503/0640	R&S
348+48 LT	1020/0503/0660	NEW
359+04 RT	1020/0503/0680	NEW
LEMINGTON		
L10+56 LT	1020/0512/0020	NEW
L21+12 RT	1020/0512/0040	NEW
L52+80 LT	1020/0512/0100	NEW
L63+36 LT	1020/0512/0120	R&S
L73+92 RT	1020/0512/0140	NEW
L84+48 LT	1020/0512/0160	NEW
L116+16 RT	1020/0512/0220	NEW
L126+72 RT	1020/0512/0240	NEW
L137+28 RT	1020/0512/0260	R&S
L147+84 LT	1020/0512/0280	R&S
L158+40 RT	1020/0512/0300	NEW
L168+96 LT	1020/0512/0320	NEW
L179+52 RT	1020/0512/0340	NEW
L190+08 RT	1020/0512/0360	NEW

MILE MARKER NOTES

- MILE MARKERS SHOWN ABOVE AND NOT NOTED AS BEING WITH ANOTHER SIGN ARE QUANTIFIED ON TRAFFIC SIGN SUMMARY SHEET #1.
- MILE MARKERS SHOWN ABOVE AND NOTED AS BEING WITH ANOTHER SIGN ARE QUANTIFIED ON THE TRAFFIC SIGN SUMMARY SHEET WITH THE CORRESPONDING STATION.
- MILE MARKERS AT TOWN HIGHWAYS ARE SHOWN ON THE TRAFFIC SIGN SUMMARY SHEETS WITH THE APPLICABLE TOWN HIGHWAY SIGNING.

SIGN DETAIL SHEET 1

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052_79	SHEET 79 OF 82

NOT TO SCALE

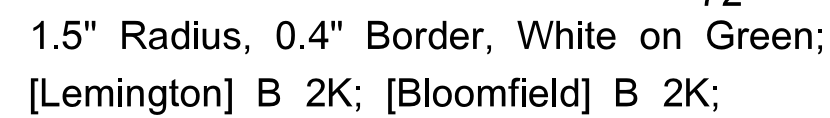


- MATERIAL FOR DELINEATORS:**
- 1/16" ALUMINUM BACKING.
 - WHITE/BLUE/GREEN: ASTM TYPE III RETROREFLECTIVE SHEETING.

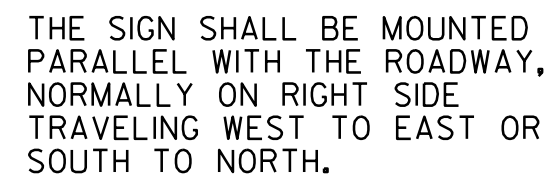
DELINEATOR DETAILS

DELINEATOR NOTES

1. TYPE I DELINEATOR (WHITE) SHALL BE ERECTED AT LOCATIONS AS SHOWN ON THE ROADWAY LAYOUTS. TYPE I DELINEATORS WITHOUT PLAQUE SHALL BE ERECTED AT THE BEGINNING (BLUE) AND AT THE END (GREEN) OF EACH GUARDRAIL RUN.
2. DELINEATOR POSTS SHALL BE 1.75" 1.88 LB/FT SQUARE STEEL, AND A MINIMUM OF 8 FEET LONG.
3. DELINEATOR POSTS SHALL HAVE A MINIMUM EMBEDMENT OF 2'-6" IN THE GROUND.



VD-024

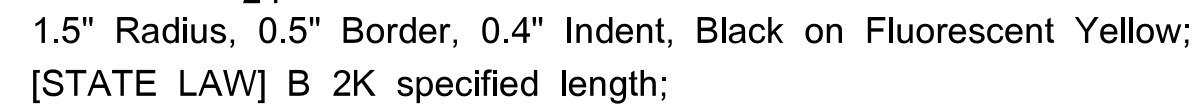


WHEN CROSSING COUNTY BOUNDARIES AN ADDITIONAL COUNTY LINE SIGN SHALL BE MOUNTED BELOW THE TOWN LINE SIGN MAINTAINING A SEVEN FOOT CLEARANCE.

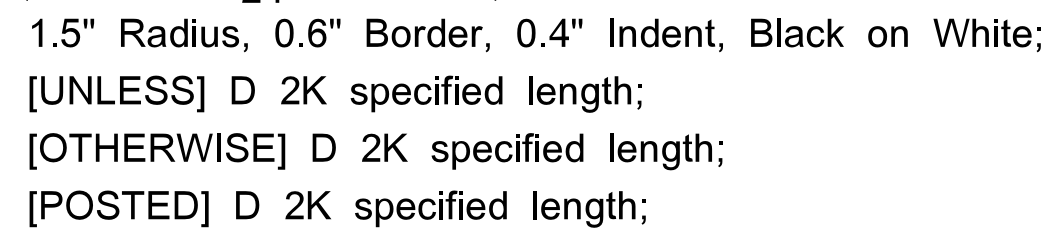
TOWN LINE SIGN DETAILS

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



W16-18P



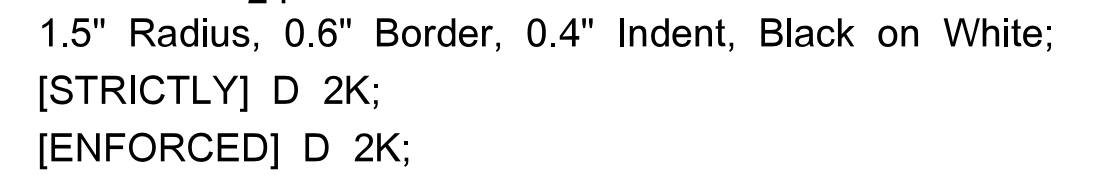
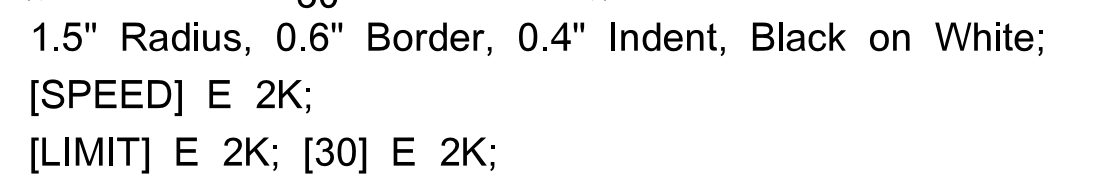
R2-5P



Black on White

- *REDUCE SPACING 50%.

FOR SEAT BELT SYMBOL LAYOUT
SEE THE 2004 STANDARD HIGHWAY
SIGNS BOOK PAGE 6-21.

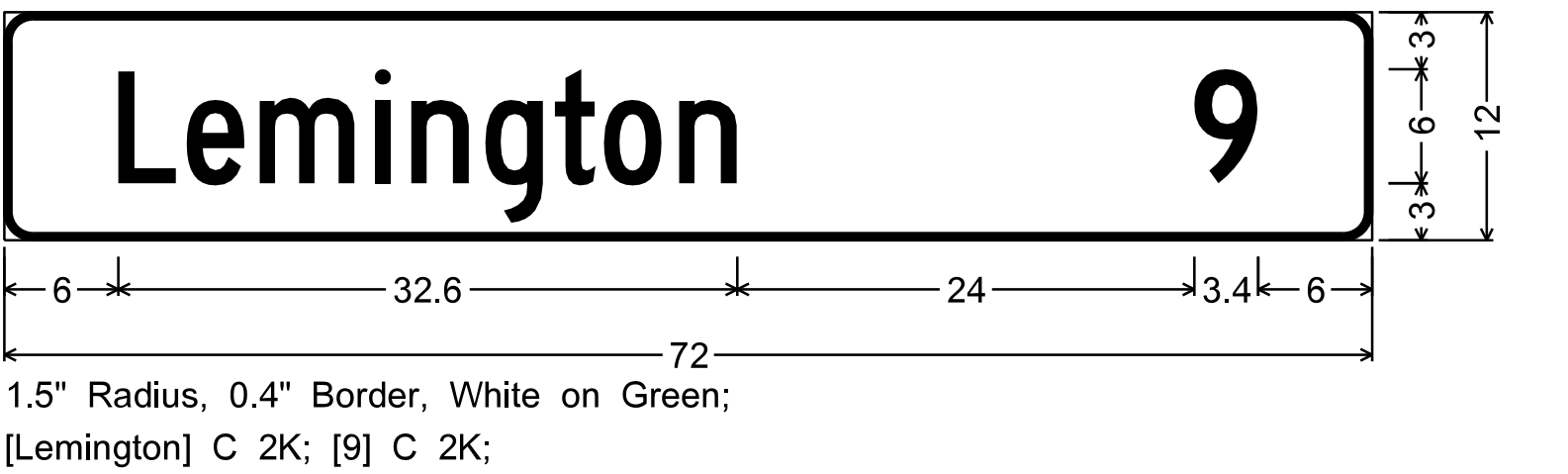
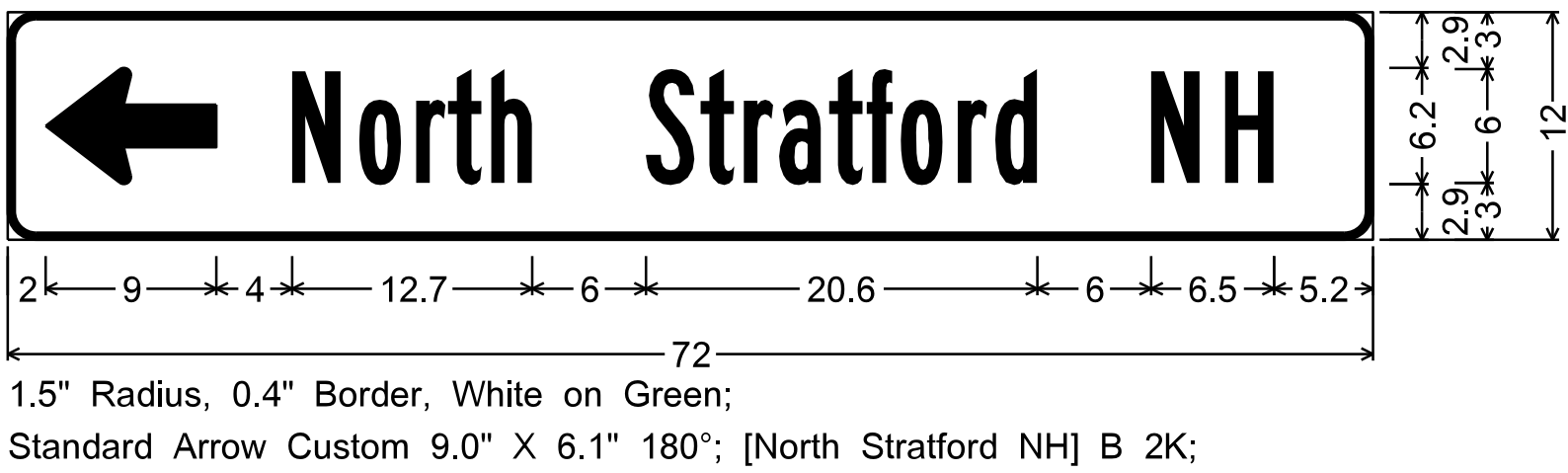
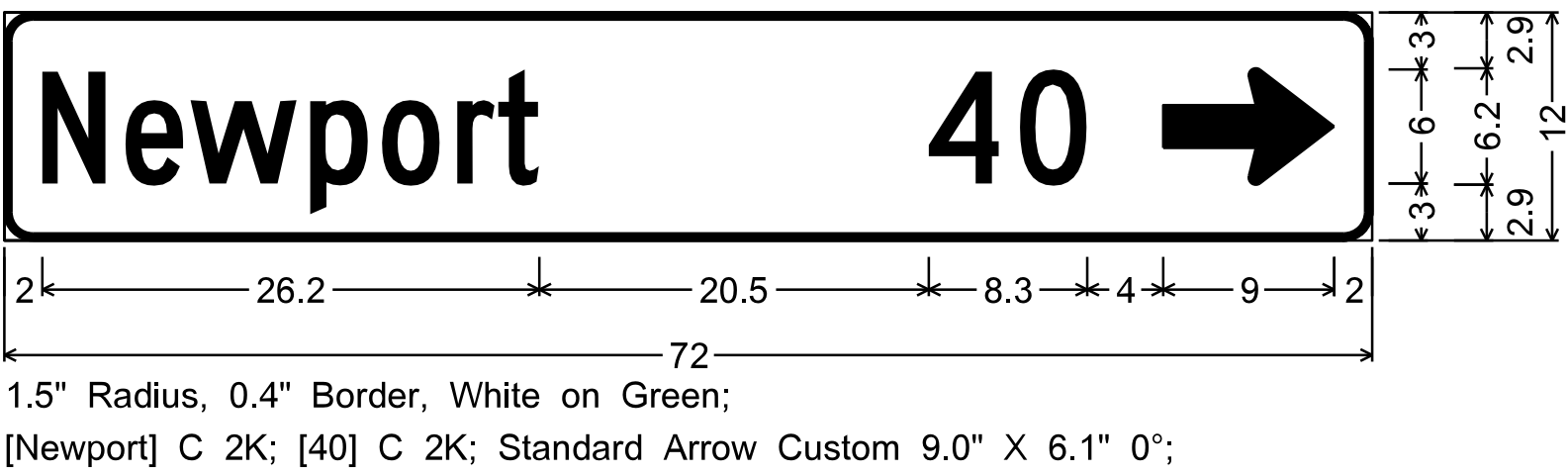
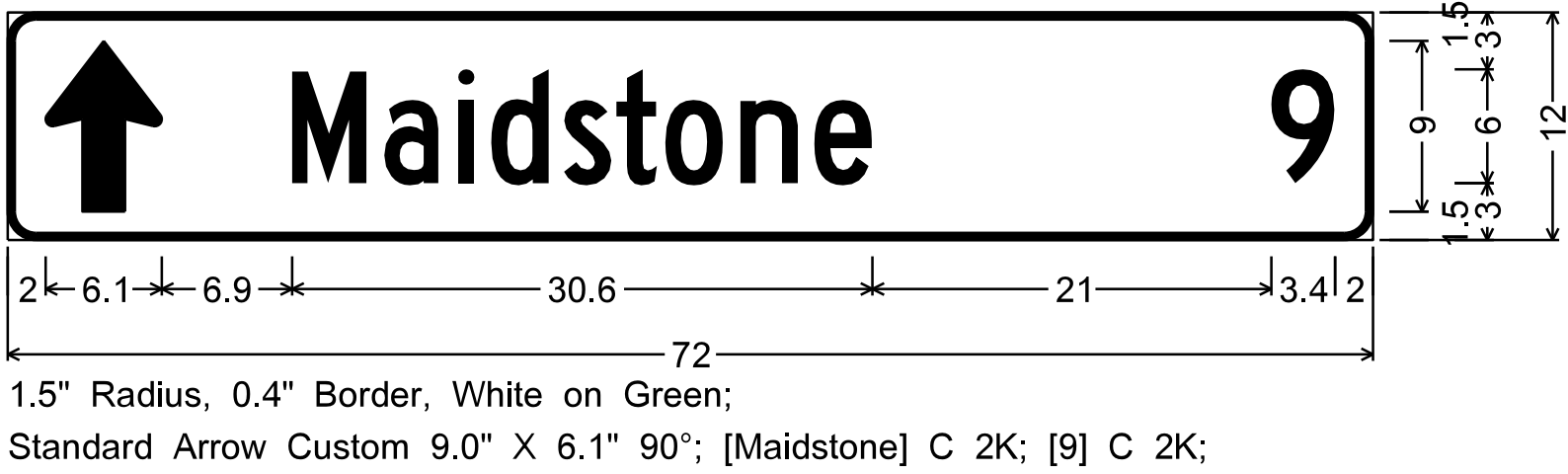
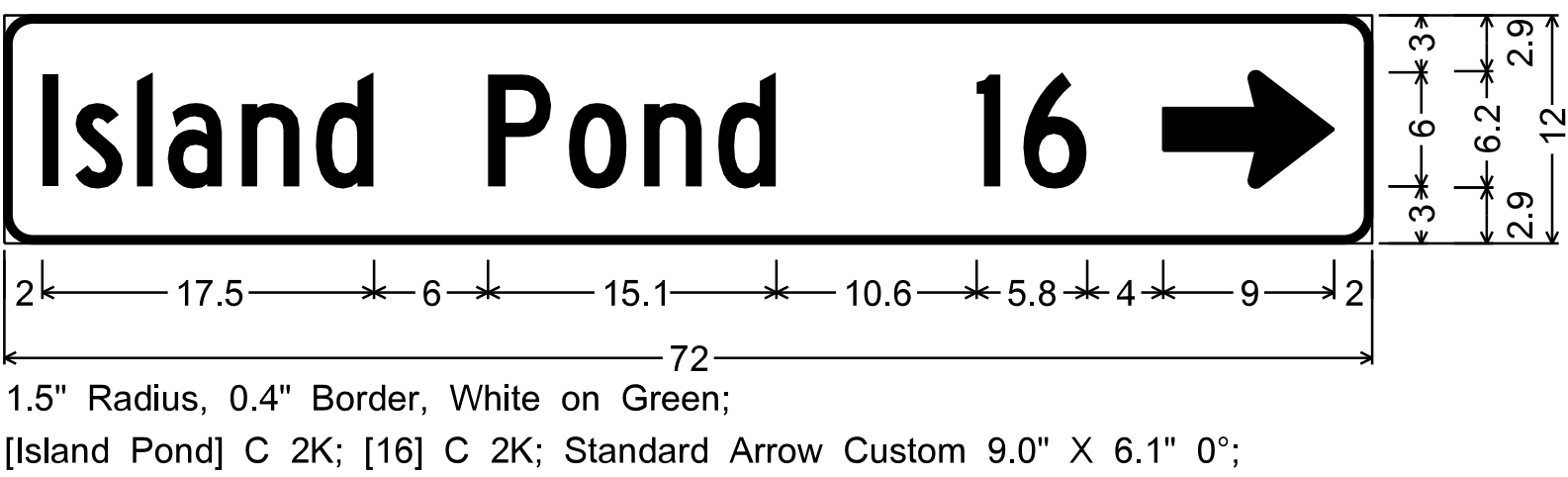
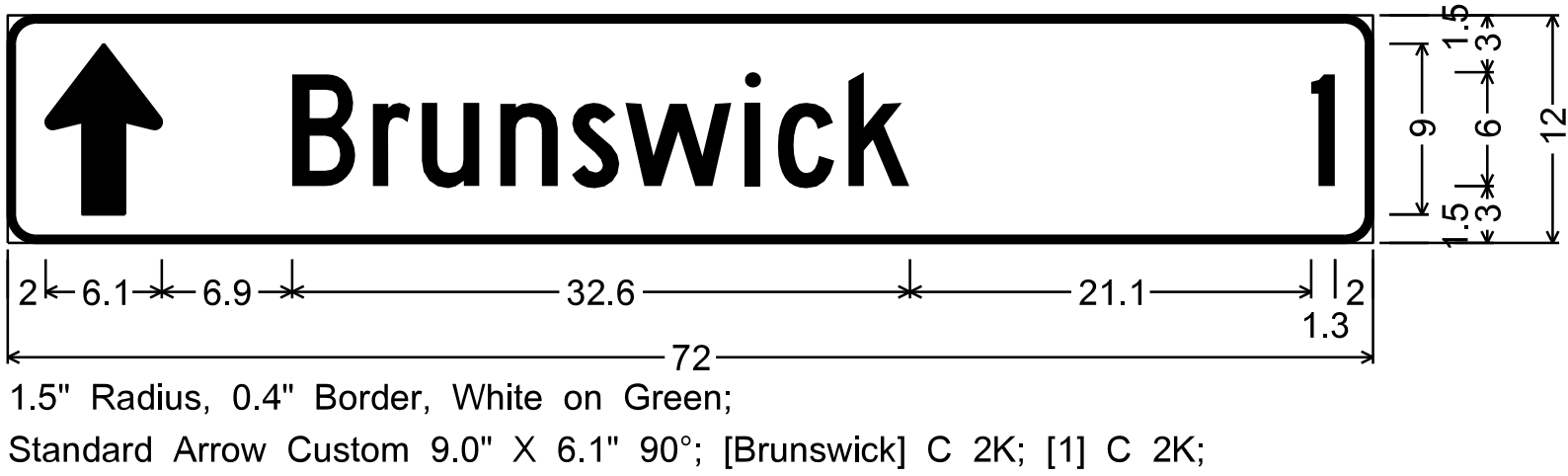
**VR-655P**

R2-1

SIGN DETAIL SHEET 2

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.80	SHEET 80 OF 82

NOT TO SCALE



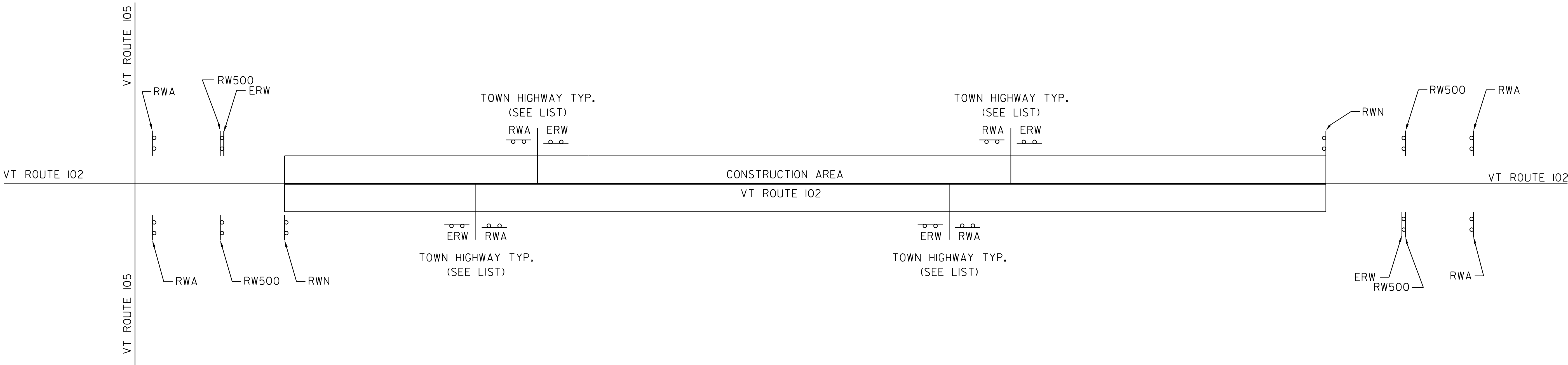
DESTINATION SIGN NOTES D1-1, D1-1A

THE DESTINATION SIGNS SHOWN ON THIS SHEET SHALL HAVE WHITE RETROREFLECTIVE ASTM TYPE III OR IV TEXT, ARROWS AND BORDERS ON A GREEN RETROREFLECTIVE ASTM TYPE III OR IV BACKGROUND

SIGN DETAIL SHEET 3

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(I)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.8I	SHEET 81 OF 82

NOT TO SCALE



GENERAL NOTES

1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.
2. THE BID PRICE FOR TRAFFIC CONTROL, ITEM 641.10, SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VTRANS STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL ALSO BE INCLUDED IN THE UNIT BID PRICE.
3. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.
4. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.
5. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.
6. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH THE LATEST EDITION OF THE MUTCD. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL.

7. SEE VTRANS STANDARD E-100 FOR ADDITIONAL SIGN PLACEMENT DETAILS.
8. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
9. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VTRANS STANDARDS AND SPECIAL PROVISIONS.
10. DIAMOND SHAPED SIGNS SHALL BE 48" X 48" WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.
11. RETROREFLECTIVE SHEETING SHALL BE MINIMUM TYPE III OR VII AS NOTED ON VTRANS STANDARD E-100 AND IN THE SPECIAL PROVISIONS.
12. ALL TEMPORARY CONSTRUCTION SIGNS SHALL BE MOUNTED ON STANDS OR POSTS THAT COMPLY WITH NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 350 (NCHRP 350).
13. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.
14. AS THE PAVING OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.
15. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

LIST OF TOWN/STATE HIGHWAYS
FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD (RWA)	END ROAD WORK (ERW)	ROAD WORK 500' (RW500)	ROAD WORK NEXT 1/2 MILES (RWN)	SIDE ROAD WORK AHEAD (SRWA)	SIDE ROAD WORK 500' (SRW500)
VT 102						
BLOOMFIELD						
BEGINNING OF PROJECT	2	1	2	1		
TH 2	-	-				
TH 3	-	-				
LEMINGTON						
TH 3	1	1				
TH 4	-	-				
END OF PROJECT	2	1	2	1		
TOTAL	5	3	4	2		

NOT TO SCALE

TEMPORARY TRAFFIC CONTROL PLAN

PROJECT NAME: BLOOMFIELD-LEMINGTON	
PROJECT NUMBER: STP 2610(1)	
FILE NAME: /pave/06c052/pc052	PLOT DATE: 19-JUN-2013 17:00
PROJECT LEADER: PTS	DRAWN BY: SNG
DESIGNED BY: NLL	CHECKED BY: PTS
IPARM FILE NAME: 06C052.82	SHEET 82 OF 82

ASPHALTIC PLUG JOINT NOTES

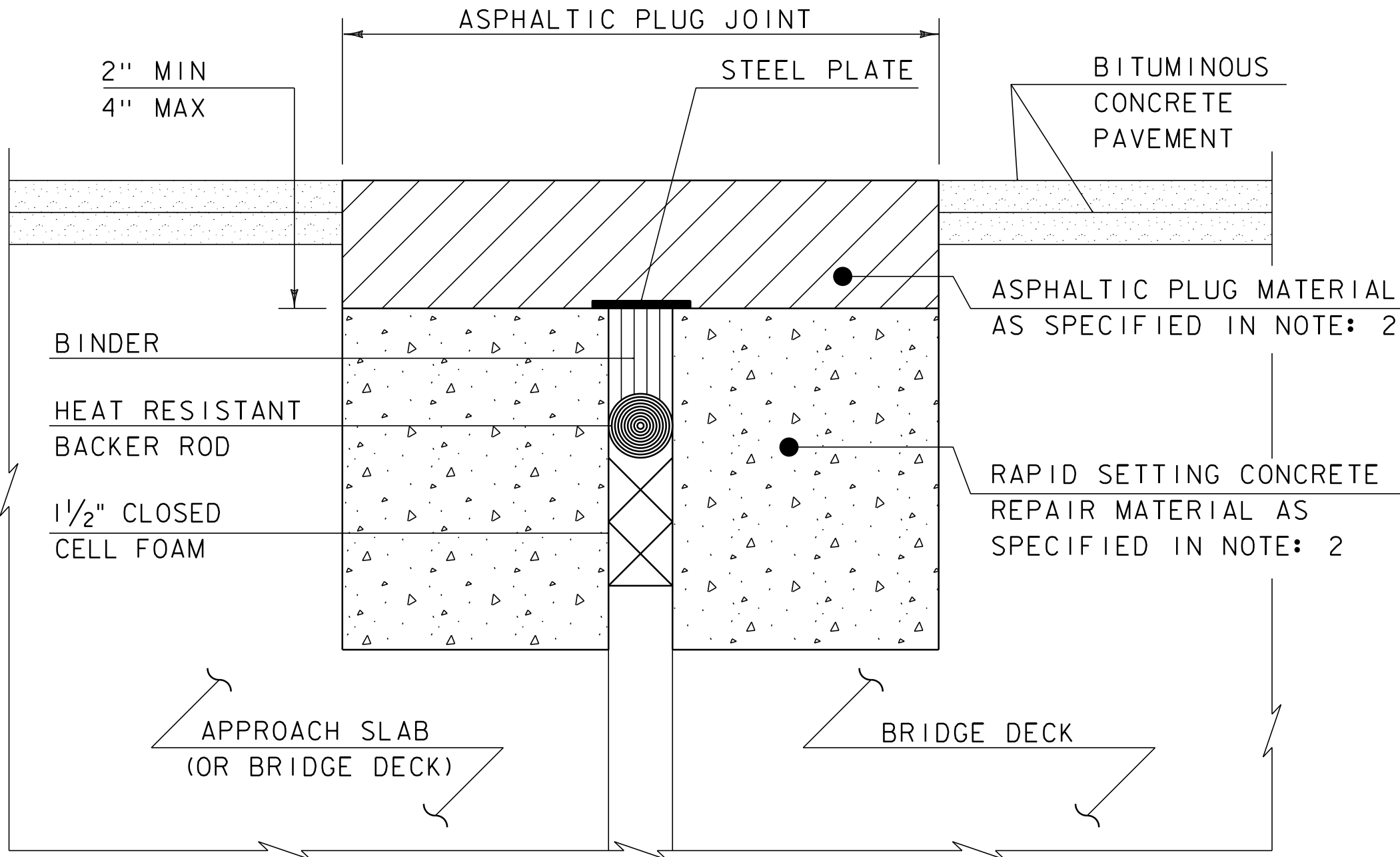
INSTALLATION:

1. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT, MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. REMOVE THE BITUMINOUS CONCRETE PAVEMENT FULL DEPTH AS SHOWN ON THE PLANS. THE PAVEMENT SHALL BE DRY AND SAW CUT TO THE LIMITS REQUIRED TO PLACE THE JOINT. A PNEUMATIC HAMMER AND CHISEL MAY BE USED ADJACENT TO THE CURB ONLY WHEN SAW CUTTING IS NOT POSSIBLE.
3. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. REPAIR MATERIAL GREATER THAN 4 INCHES FROM FINISHED GRADE WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.
5. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.
6. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER. THE STEEL PLATES MAY BE OMITTED WHERE THE ENGINEER DETERMINES THAT THE APPROACH SLAB OR BRIDGE DECK WILL PROVIDE INADEQUATE SUPPORT AND WHERE VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. HEAT AND MIX THE BINDER MATERIAL AND AGGREGATE AS RECOMMENDED BY THE MANUFACTURER.
9. INSTALLATION OF MATERIAL, COMPACTION, AND TOP COATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. ONCE THE JOINT REACHES 82 DEG C (180 DEG F) +/-, WATER MAY BE USED TO EXPEDITE THE COOLING PROCESS.
12. PROTECT JOINT FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 51 DEG C (125 DEG F) +/-.

WEATHER LIMITATIONS

APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTURER:

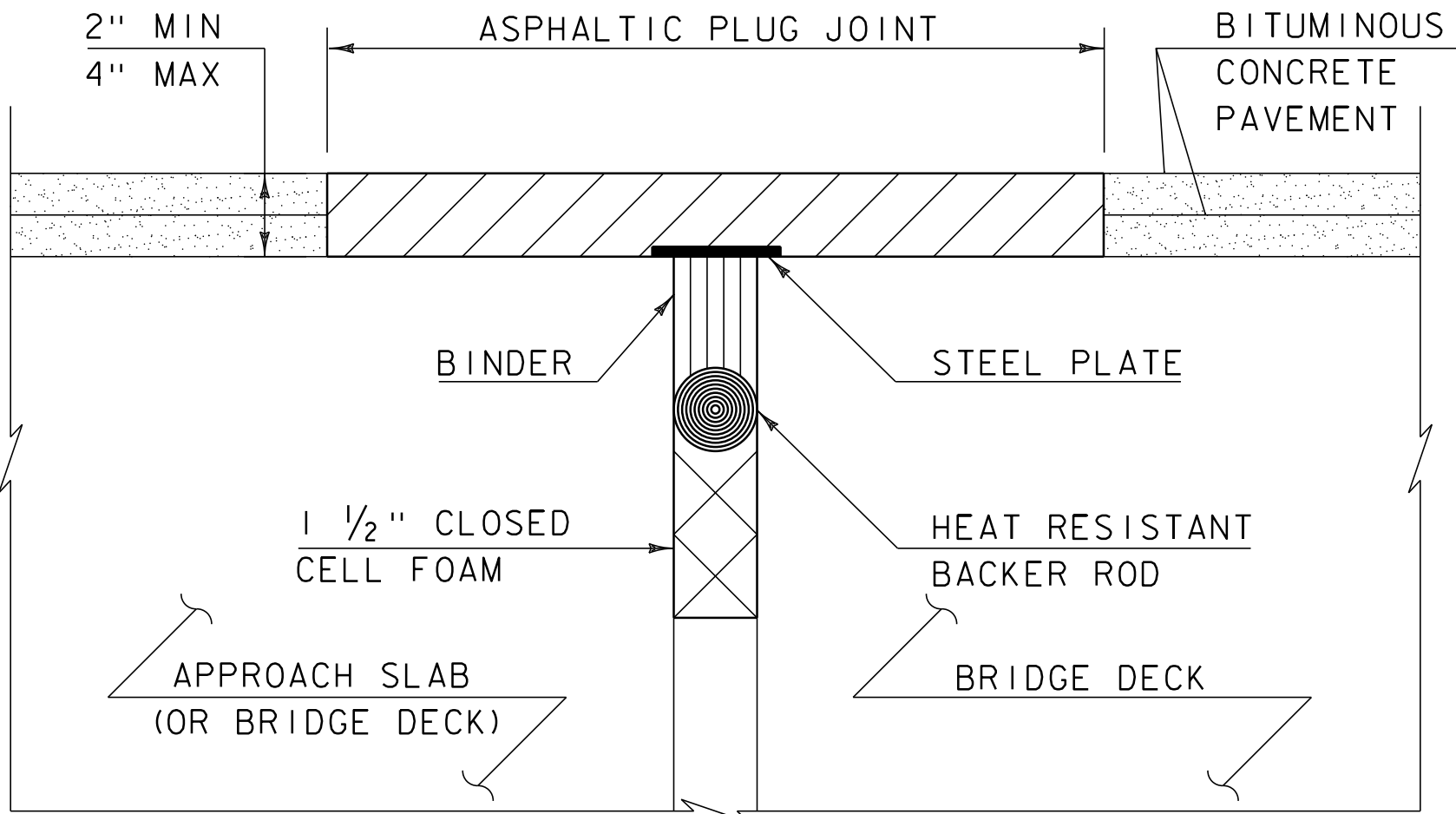
1. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.
2. THE ROAD SURFACE IS DRY.
3. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL - REHAB

NOTES: (NOT TO SCALE)

1. THE CONTRACTOR SHALL REMOVE ALL ASPHALTIC PLUG JOINT MATERIAL AND DETERIORATED CONCRETE AS DIRECTED BY THE ENGINEER. REMOVAL OF THE FIRST 4 INCHES OF MATERIAL SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG. ANY REMOVAL OF MATERIAL GREATER THAN 4 INCHES SHALL BE INCLUDED IN THE BID PRICE OF ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COURSE AGGREGATE.
2. THE CONTRACTOR SHALL REPLACE REMOVED MATERIAL THAT IS LESS THAN 4" FROM FINISHED GRADE WITH ASPHALTIC PLUG JOINT MATERIAL MEETING THE REQUIREMENTS OF SUBSECTION 707.15. ALL REMOVED MATERIAL THAT IS GREATER THAN 4 INCHES FROM FINISHED GRADE SHALL BE REPLACED WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.
3. REINFORCING STEEL NOT SHOWN FOR CLARITY.

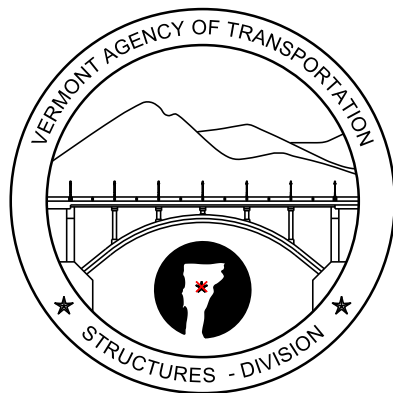


ASPHALTIC PLUG-TYPE JOINT DETAIL - NEW

(NOT TO SCALE)

REVISIONS	
MAY 7, 2010	APPROVED FOR USE BY VAOT STRUCTURES SECTION

BRIDGE JOINT
ASPHALTIC PLUG



STRUCTURES
DETAIL
SD-516.10