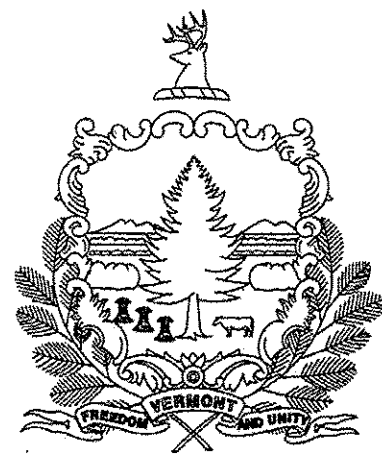
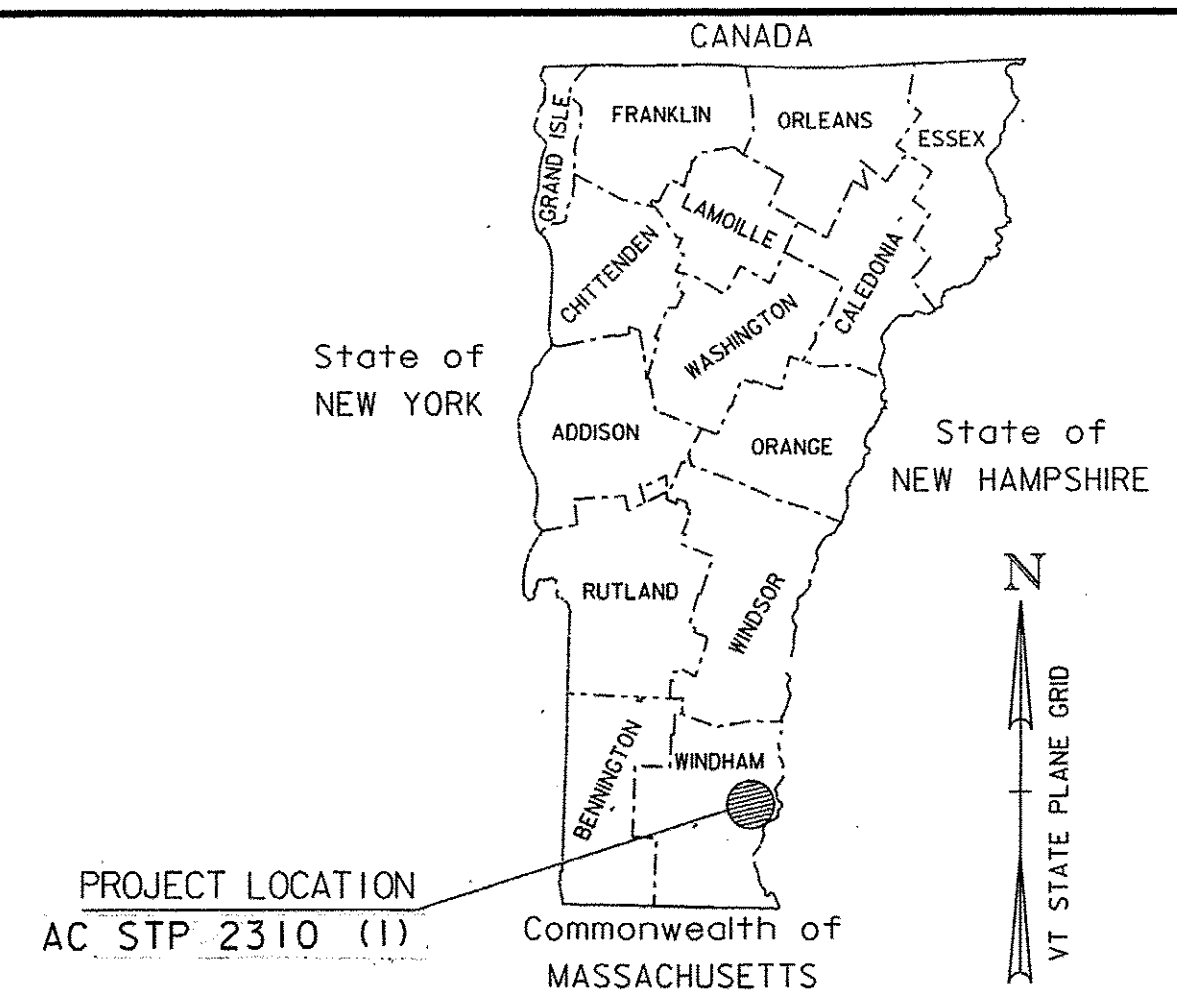


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF BRATTLEBORO, DUMMERSTON & PUTNEY
COUNTY OF WINDHAM
US ROUTE 5, PUTNEY STATE HIGHWAY &
PUTNEY STATE HIGHWAY APPROACH



RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER: CHRIS BARKER
CONSTRUCTION BEGAN: JUNE 14, 2010
CONSTRUCTION COMPLETE: NOVEMBER 22, 2010
RECORD PLANS BY: CHRIS BARKER & AMOS KEMPTON
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.
BY: [Signature] RESIDENT ENGINEER
DATE: 04/16/12

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

TRAFFIC DATA

LOCATION	AADT		DHV		ESALS	
	2010	2020	2010	2020	2010-2020	2010-2020
US 5						
VERMONT AVE TO VT 9 E./BSH	17,200	18,400	1700	1800	1,701,000	4,025,000
VT 9 E./BSH TO BROWNE CT	12,800	13,800	1300	1400	4,159,000	9,457,000
BROWNE CT TO OLD FERRY RD	9000	9600	1000	1100	2,906,000	6,572,000
OLD FERRY RD TO MIDDLE RD	6700	7100	760	800	774,000	1,789,000
MIDDLE RD TO EAST-WEST RD	4100	4400	460	500	583,000	1,343,000
EAST-WEST RD TO I-91 EXIT 4	3500	3800	410	440	552,000	1,266,000
I-91 EXIT 4 TO PUTNEY STATE HWY	5100	5500	580	620	917,000	2,319,000
PUTNEY STATE HWY TO END OF PROJECT	5800	6200	660	700	893,000	2,262,000
PUTNEY STATE HIGHWAY						
TH 63 TO PUTNEY STATE HWY APPROACH	2500	2700	300	320	429,000	956,000
PUTNEY STATE HWY APPROACH TO US 5	1300	1400	170	180	349,000	876,000
PUTNEY STATE HWY APPROACH						
PUTNEY STATE HWY TO US 5	1300	1400	170	180	248,000	623,000

PSH = PUTNEY STATE HIGHWAY
BSH = BRATTLEBORO STATE HIGHWAY

US ROUTE 5
BEGINNING ON US ROUTE 5 IN BRATTLEBORO AT STATION 157+97.00 (MM 2.992) AND EXTENDING NORTHERLY ALONG US ROUTE 5 A DISTANCE OF 45,363.00 FEET (8.591 MILES) TO STATION 43+05.00 (MM 0.815) IN PUTNEY.
PUTNEY STATE HIGHWAY
BEGINNING ON PUTNEY STATE HIGHWAY AT STATION 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG PUTNEY STATE HIGHWAY A DISTANCE OF 1,525.00 FEET (0.289 MILES) TO STATION 15+25.00 (MM 0.289) AT THE INTERSECTION OF US ROUTE 5.
PUTNEY STATE HIGHWAY APPROACH
BEGINNING ON PUTNEY STATE HIGHWAY APPROACH AT STATION 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG PUTNEY STATE HIGHWAY APPROACH A DISTANCE OF 385.00 FEET TO STATION 3+85.00 (MM 0.073).

PROJECT DATA

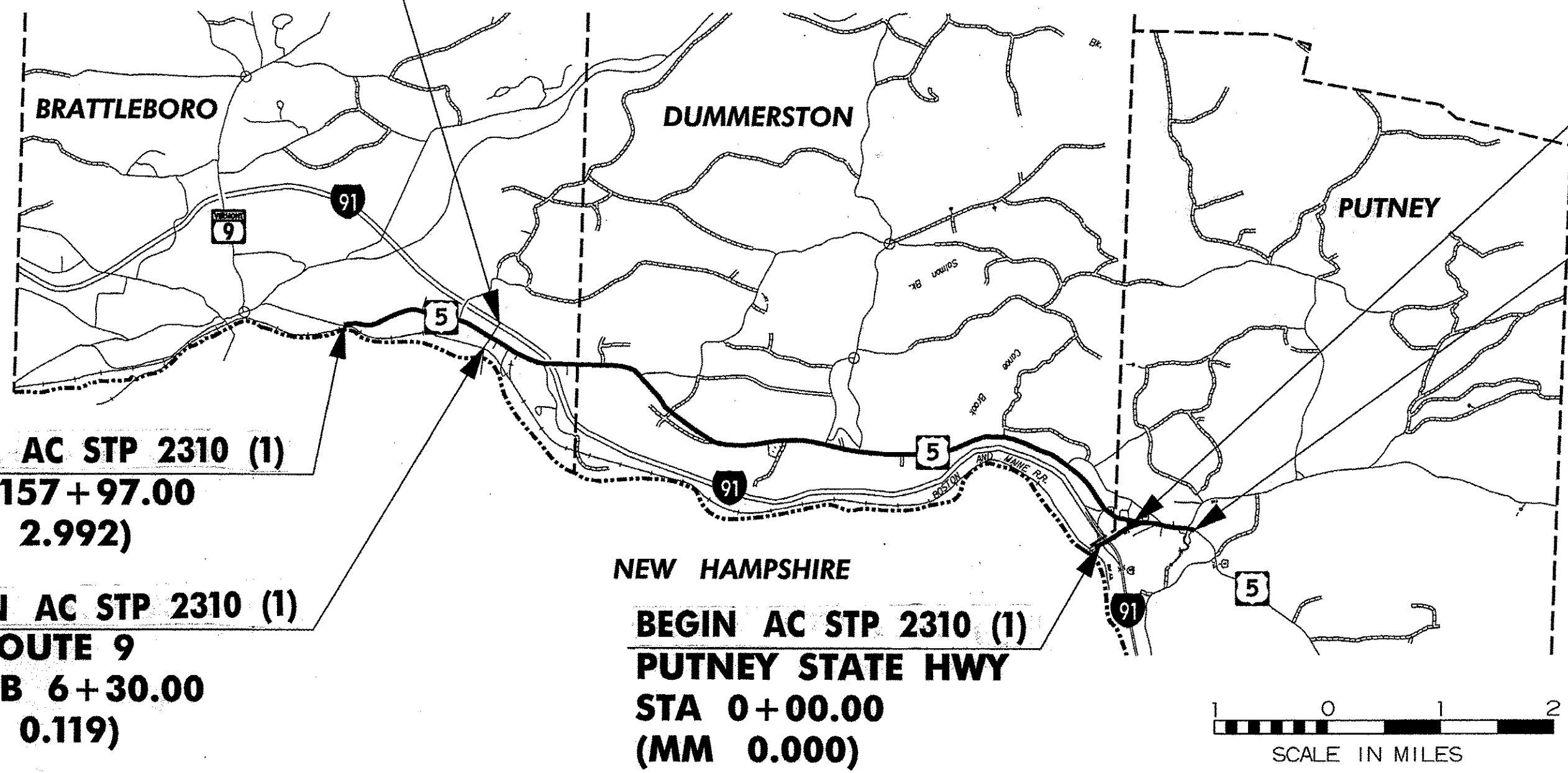
FROM	TO
US ROUTE 5	STA 157+97.00 (MM 2.992)
BRATTLEBORO	STA 0+00.00 (MM 0.000)
DUMMERSTON	STA 0+00.00 (MM 0.000)
PUTNEY	STA 0+00.00 (MM 0.000)
BRATTLEBORO STATE HIGHWAY	STA 0+47.00 (MM 0.009)
VT ROUTE 9	STA 4+00.00 (MM 0.076)
PUTNEY STATE HIGHWAY	STA 0+00.00 (MM 0.000)
PUTNEY SH APPROACH	STA 0+00.00 (MM 0.000)
STA 289+82.00 (MM 5.489)	
STA 278+73.00 (MM 5.279)	
STA 43+05.00 (MM 0.815)	
STA 4+00.00 (MM 0.076)	
STA 6+30.00 (MM 0.119)	
STA 15+25.00 (MM 0.289)	
STA 3+85.00 (MM 0.073)	

LENGTH OF ROADWAY = 47,856.00 FEET (9.064 MILES)
LENGTH OF PROJECT = 47,856.00 FEET (9.064 MILES)

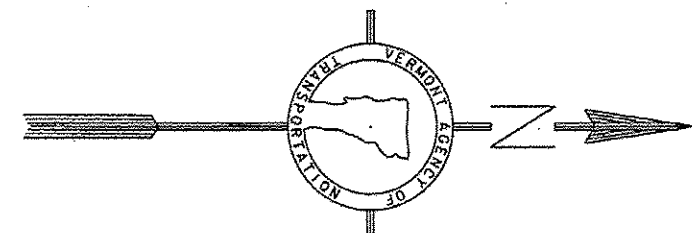
SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA		
DESIGN LANE/DESIGN LIFE ESAL	4,728,500	
DESIGN NUMBER OF GYRATIONS	65	
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS	

BEGIN AC STP 2310 (1)
BRATTLEBORO STATE HWY
STA B 0+47.00
(MM 0.009)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A BINDER (OR LEVELING) COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, SIDEWALK, GUARDRAIL, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.



END PUTNEY STATE HIGHWAY
STA 15+25.00 (MM 0.289)
END PUTNEY STATE HIGHWAY APPROACH
STA 3+85.00 (MM 0.073)
END AC STP 2310 (1)
STA 43+05.00
(MM 0.815)



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: [Signature] DATE: 2-19-10	
PROJECT MANAGER: KEVIN MARSHIA	
PROJECT NAME: BRATTLEBORO - PUTNEY	
PROJECT NUMBER: AC STP 2310 (1)	
SHEET 1 OF 118 SHEETS	



CONVENTIONAL SYMBOLS

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

MODEL: Defaul
CLD 08-0323 01c032.dgn

INDEX OF SHEETS

INDEX OF STANDARD PLANS

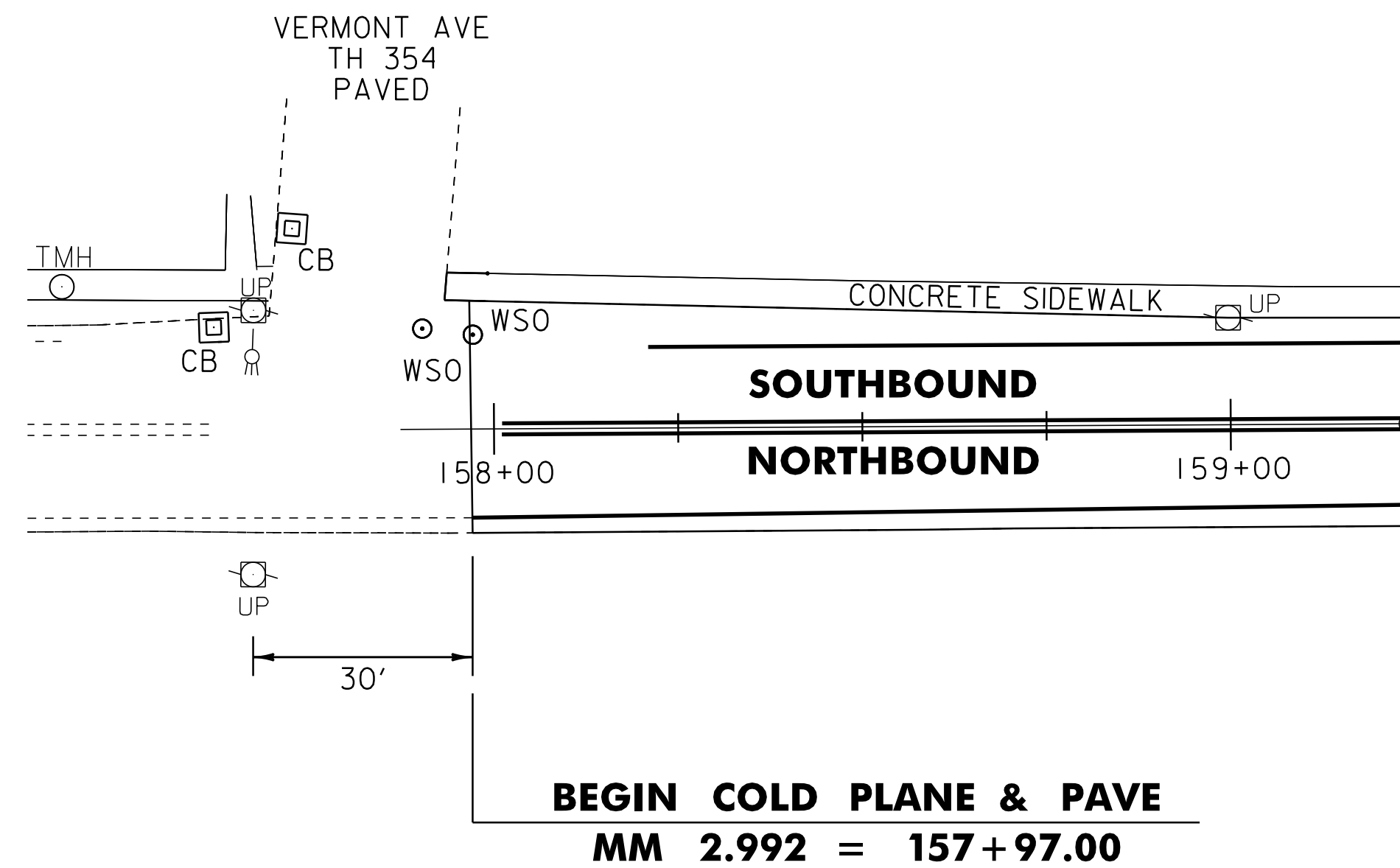
STD	DATE	DESCRIPTION
C-3A	3/10/2008	SIDEWALK RAMPS
C-3B	3/10/2008	SIDEWALK RAMPS AND MEDIAN ISLANDS
C-10	2/11/2008	CURBING
D-3	6/1/1994	TREATED GUTTERS
D-9	6/1/1994	REINFORCED CONCRETE DROP INLET TOPS - VERTICAL CURB & THROAT ADAPTER
D-15	6/1/1994	PRECAST REINF. CONC. CATCH BASIN W/CAST IRON GRATE, PRECAST REINF. CONC. MANHOLE W/ CAST IRON COVER, CAST IRON GRATE WITH FRAME, TYPE D - CAST IRON GRATE WITH FRAME, TYPE E
E-100	1/2/2004	CONSTRUCTION APPROACH SIGNS
E-100A	1/2/2004	SIDE ROAD CONSTRUCTION APPROACH SIGNS
E-101	5/30/2003	CONSTRUCTION SIGN DETAILS
E-102	6/30/2003	CONSTRUCTION SIGN DETAILS
E-102A	5/1/2004	CONSTRUCTION SIGN DETAILS
E-103	3/1/2004	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED
E-111	3/11/1997	MINOR MAINTENANCE OPERATION
E-121	8/8/1995	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD
E-123	3/16/2004	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS
E-135	8/18/1995	INTERSTATE ROUTE MARKER SIGN DETAIL
E-136A	8/8/1995	U.S. ROUTE MARKER SIGN DETAILS
E-136B	8/8/1995	STATE ROUTE MARKER SIGN DETAILS
E-138	5/30/2003	MILEMARKER DETAILS - STATE AND TOWN HIGHWAYS
E-140	8/30/1996	REGULATORY SIGN DETAILS
E-141	9/20/1995	REGULATORY SIGN DETAILS
E-142	9/20/1995	REGULATORY SIGN DETAILS
E-143	6/15/2004	REGULATORY SIGN DETAILS
E-144	3/29/1999	REGULATORY SIGN DETAILS
E-146	9/20/1995	REGULATORY SIGN DETAILS
E-145A	12/23/1994	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS (TWO AND FOUR LANE APPROACHES)
E-150	5/1/2004	WARNING SIGN DETAILS
E-152	5/1/2004	WARNING SIGN DETAILS
E-154	5/1/2004	WARNING SIGN DETAILS
E-164	6/8/2009	SQUARE STEEL SIGN POST
E-191	2/1/1999	PAVEMENT MARKING DETAILS
E-192	10/12/2000	PAVEMENT MARKING DETAILS
E-193	8/18/1995	PAVEMENT MARKING DETAILS
G-1	1/3/2000	STEEL BEAM GUARDRAIL WITH STEEL POSTS, STEEL BEAM GUARDRAIL WITH WOOD POSTS
G-1D	1/3/2000	STEEL BEAM GUARDRAIL APPROACH AND TRAILING END TERMINAL, ANCHOR FOR STEEL BEAM RAIL, STEEL BEAM MEDIAN BARRIER
G-16	6/1/1994	STEEL BEAM GUARDRAIL ATTACHMENTS TO EXISTING BRIDGE, TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
G-17A	9/27/2002	MODIFIED ECCENTRIC LOADER TERMINAL WITH WOOD POSTS (MELT)
G-17B	9/27/2002	MODIFIED ECCENTRIC LOADER TERMINAL WITH WOOD POSTS (MELT)
G-19	11/15/2002	GENERIC PLANS FOR GUARDRAIL END TERMINALS
SB-R4B-82	3/30/1988	GUARD RAIL APPROACH SECTION, TYPE I & II
SB-R6-82	1/6/1995	BRIDGE RAILING - HEAVY DUTY STEEL BEAM

INDEX OF SHEETS

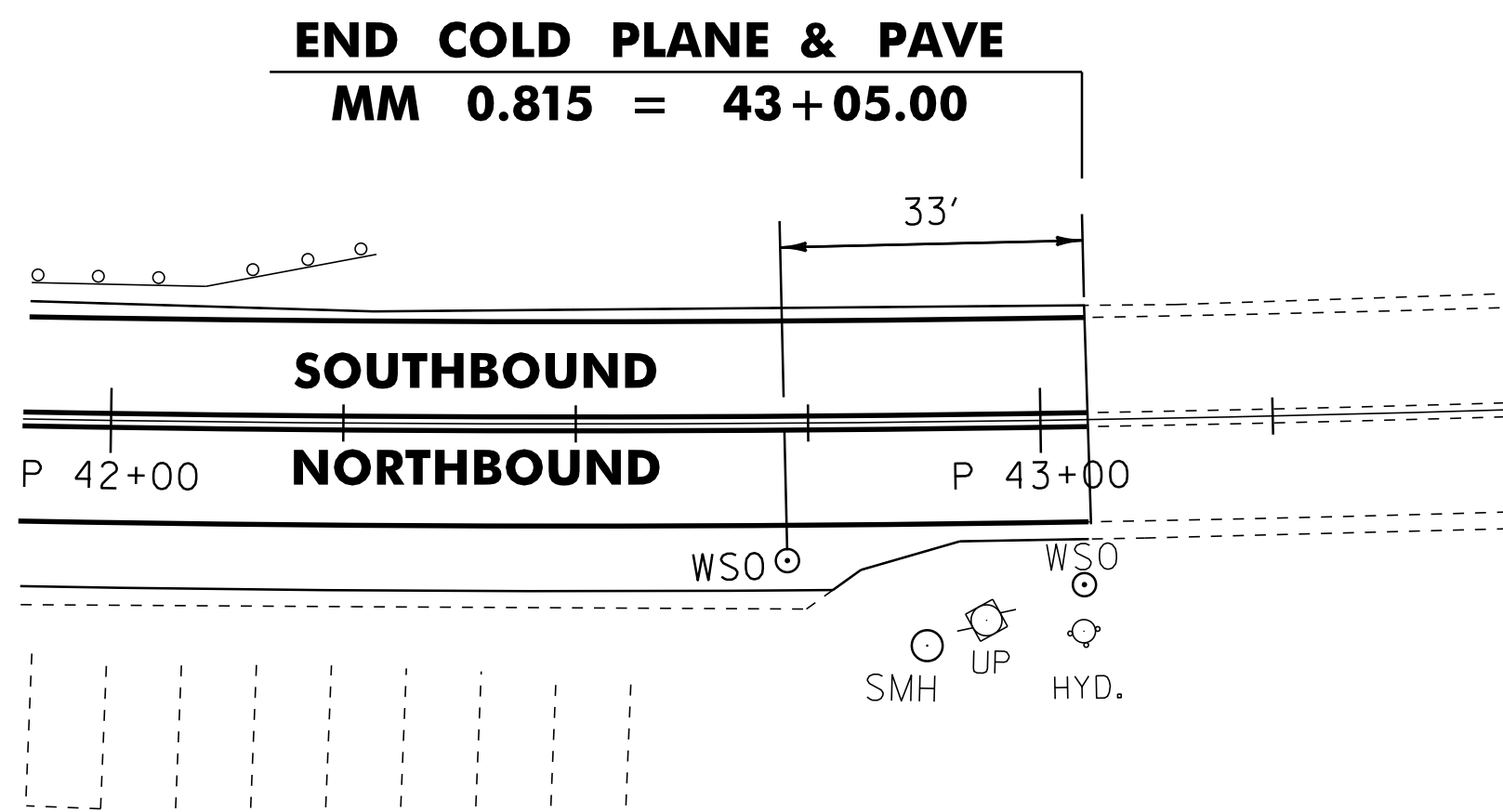
I	TITLE SHEET
2	INDEX OF SHEETS
3	TIE SHEET
4-6	PROJECT TYPICAL SHEETS
7	ASPHALTIC PLUG-TYPE JOINT DETAIL SHEET
8	STA. 180+26 RT DROP INLET RETRO-FIT DETAIL SHEET
9	PAVEMENT MARKING DETAIL SHEET
10	ROUNDBABOUT PAVEMENT MARKING DETAIL SHEET
11	SIDEWALK PAY LIMIT SHEET
12-13	BRIDGE DETAIL SHEETS
14-16	QUANTITY SHEETS
17	HAND WORK DETAIL SHEET
18-20	ITEM DETAIL SUMMARY SHEETS
21	DITCH CLEANING SHEET
22-37	ROADWAY LAYOUTS US 5 SHEETS
38-41	ROADWAY LAYOUTS VT 9 & BRATTLEBORO STATE HIGHWAY SHEETS
42-82	ROADWAY LAYOUTS US 5 SHEETS
83-84	ROADWAY LAYOUTS PUTNEY STATE HIGHWAY SHEETS
85	VIDEO DETECTION SYSTEM SHEET
86-113	TRAFFIC SIGN SUMMARY SHEETS
114-115	SIGN DETAIL SHEETS
116	TOWN LINE SIGN DETAIL SHEET
117	TEMPORARY TRAFFIC CONTROL PLAN
118	ROUNDBABOUT TRAFFIC CONTROL PLAN

INDEX OF SHEETS

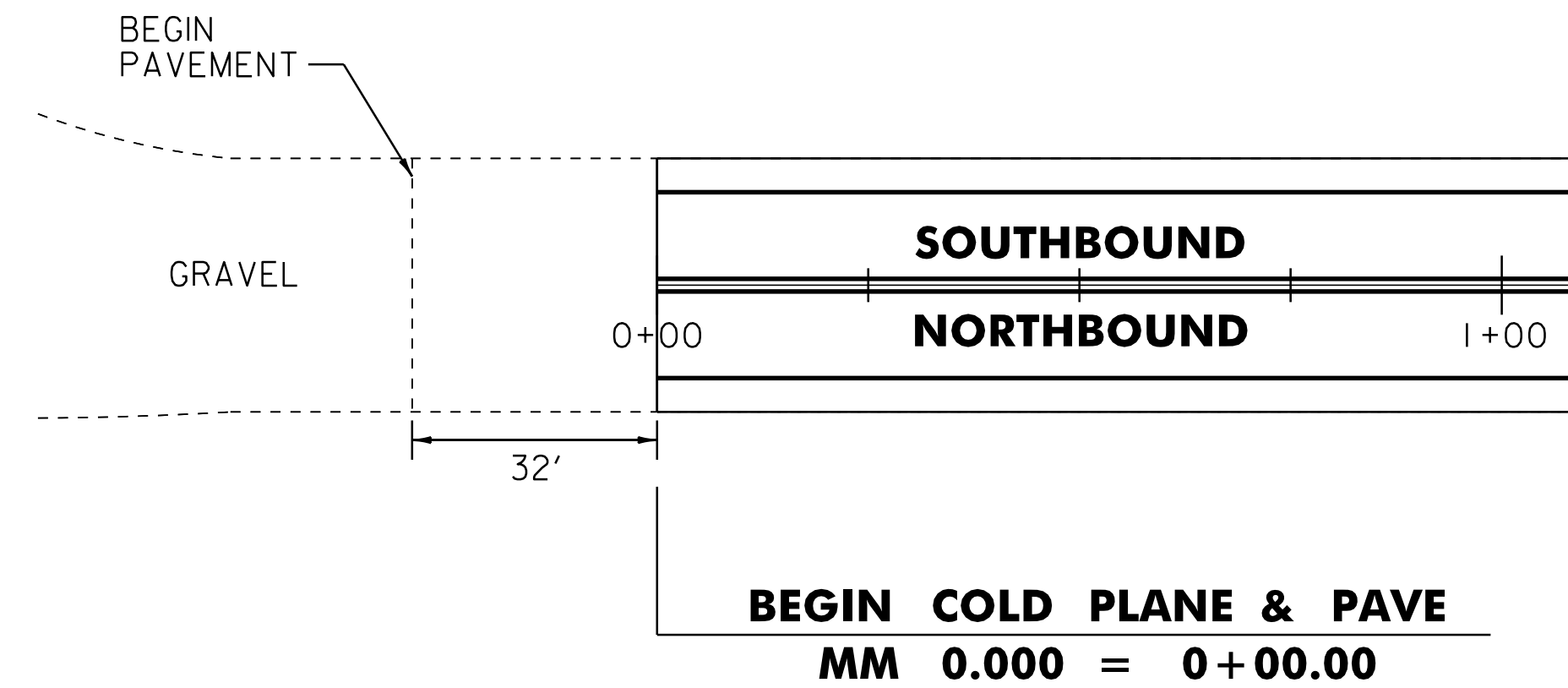
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DESIGNED BY: NLL	CHECKED BY: NLL/PTS
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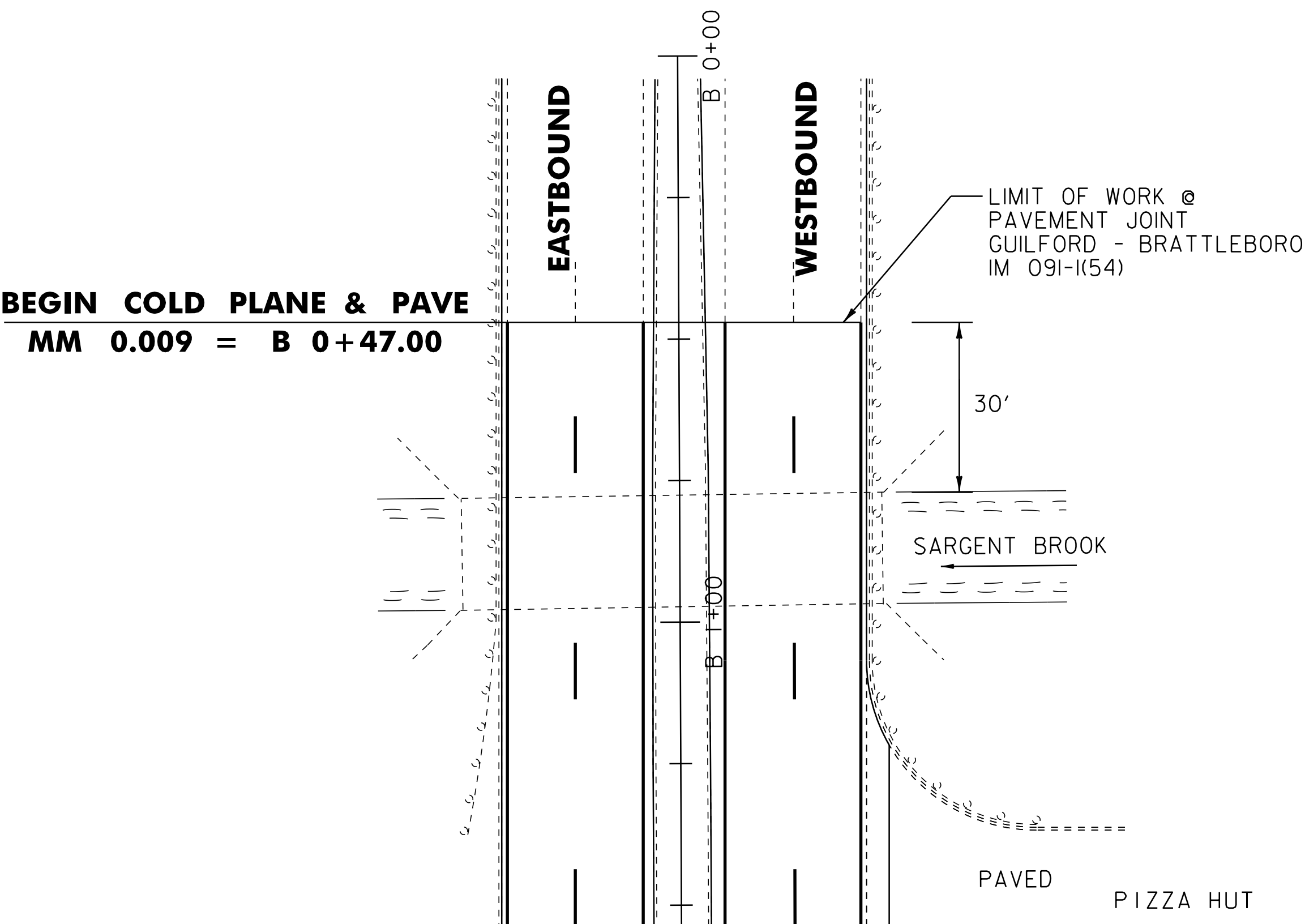
US ROUTE 5
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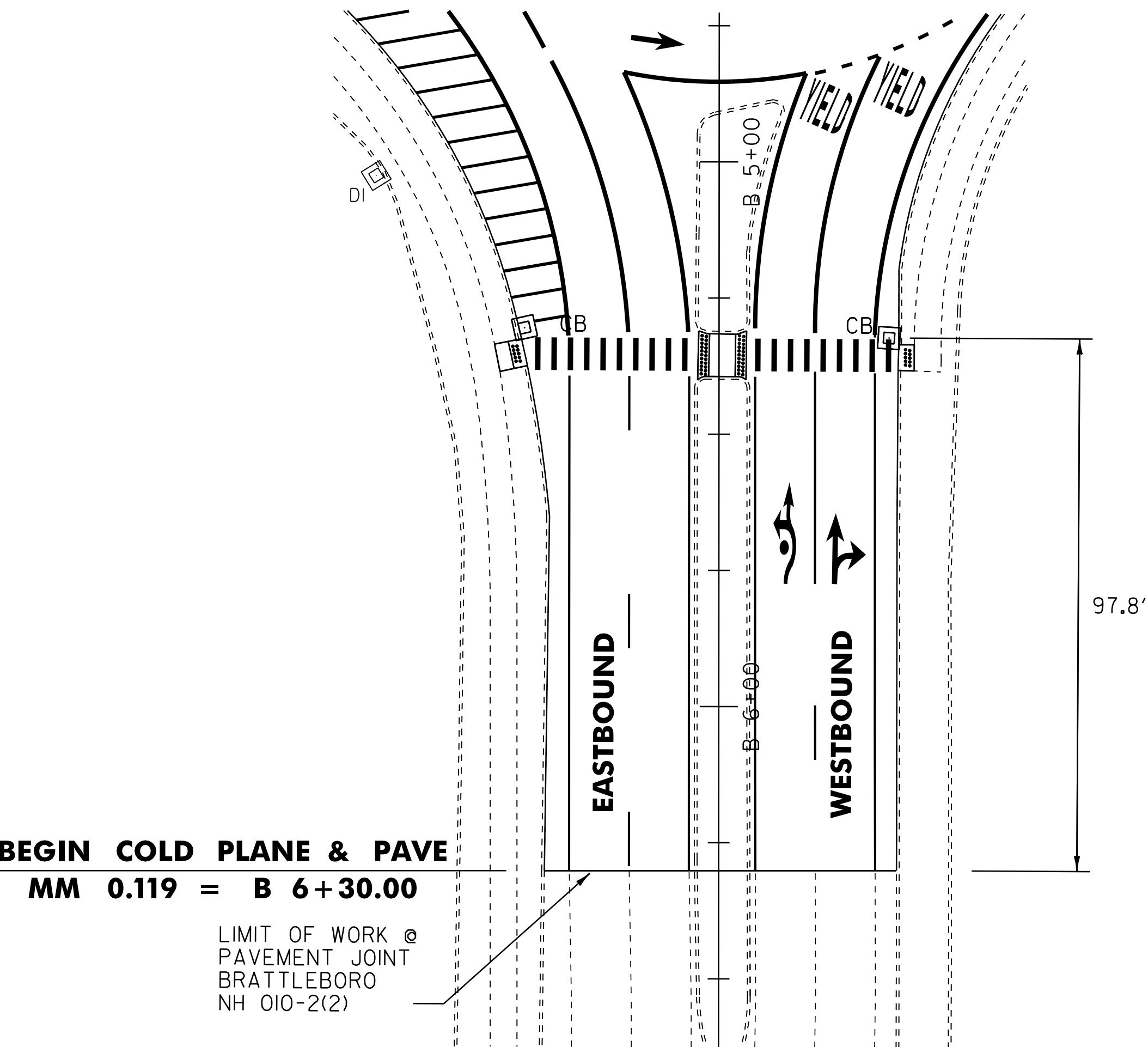
US ROUTE 5
END STP 2310 (1)



PUTNEY STATE HIGHWAY



BRATTLEBORO STATE HIGHWAY



VT ROUTE 9

NOT TO SCALE

TIE SHEET	
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PROJECT NUMBER:	STP 2310(1)
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PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	01C032_03
PLOT DATE:	02-MAY-2012 17:2
DRAWN BY:	WWG
CHECKED BY:	NLL/PTS
SHEET	3 OF 118

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 GENERAL SPECIAL PROVISIONS.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVEL COURSE).
4. 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 WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I. 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 TO ALLOW ALL OF THE LIFTS OF PAVEMENT THROUGHOUT THE WIDENED AREA. SEE TABLE BELOW FOR EXISTING PAVEMENT WIDTHS.
5. 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.
6. BITUMINOUS CONCRETE PAVEMENT WORK, WHICH WILL INVOLVE SOME HAND-WORK (SUCH AS PUBLIC AND / OR PRIVATE DRIVES AND PERMITTED DRIVES), 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.
7. ALL EDGES OF PAVEMENT, TREATED TIMBER CURB AND BITUMINOUS CURB AT GUARDRAIL LOCATIONS SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.13, AGGREGATE SHOULDERS, RAP. ANY ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS ARE USED WILL BE PAID FOR UNDER ITEM 402.12, AGGREGATE SHOULDERS.
8. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.13, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.
9. ITEM 604.40, 604.412, 604.415 AND 604.418 ARE ESTIMATED ITEMS AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE LAYOUT SHEETS OR AS DIRECTED BY THE RESIDENT ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.
10. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.
11. INSTALL NEW SIGNS, AS SHOWN ON THE PAVING LAYOUTS, ON SQUARE STEEL SIGN POSTS.
12. AN ESTIMATED QUANTITY OF ITEM 608.15, POWER GRADER RENTAL HAS BEEN INCLUDED FOR THE EXCAVATION OF UNPAVED SHOULDERS AND REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER. 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. 26 CUBIC YARDS OF EARTH BORROW HAS BEEN INCLUDED TO PROVIDE FOR FLARE CONSTRUCTION. THE GUARDRAIL FLARES SHALL BE CAPPED WITH AN ESTIMATED 3 INCH DEPTH OF DITCHING MATERIAL OR 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. IN AREAS OF HEAVY TIRE RUTTING AND DEFICIENT CROSS SLOPE OF THE ROAD, SPOT LEVELING WITH ITEM 490.30 TYPE IIS WILL BE REQUIRED PRIOR TO PAVING, AT LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.
14. POTHOLES SHALL BE REPAIRED WITH ITEM 402.13, AGGREGATE SHOULDERS, RAP OR 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER.
15. ALL SIDE ROADS ARE TO BE PAVED 25 FEET FROM THE EDGE OF MAINLINE UNLESS OTHERWISE SPECIFIED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

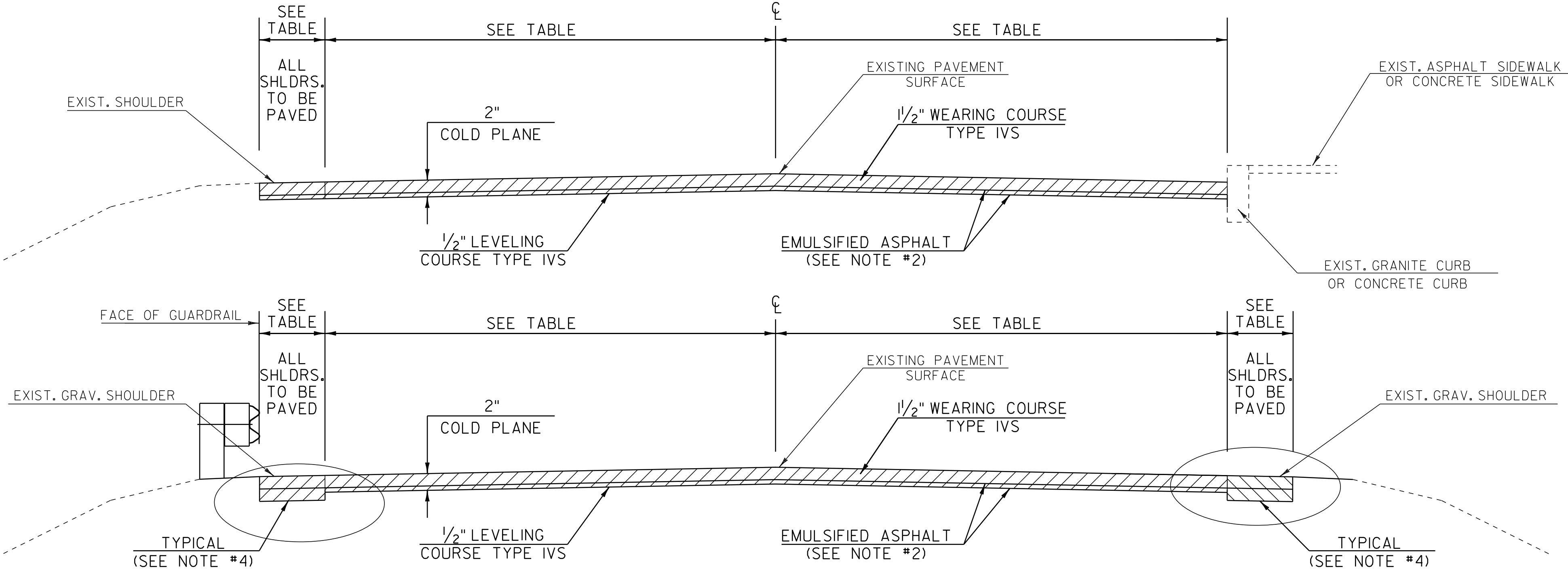
PROJECT TYPICAL SHEET 1

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

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PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.04

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 4 OF 118



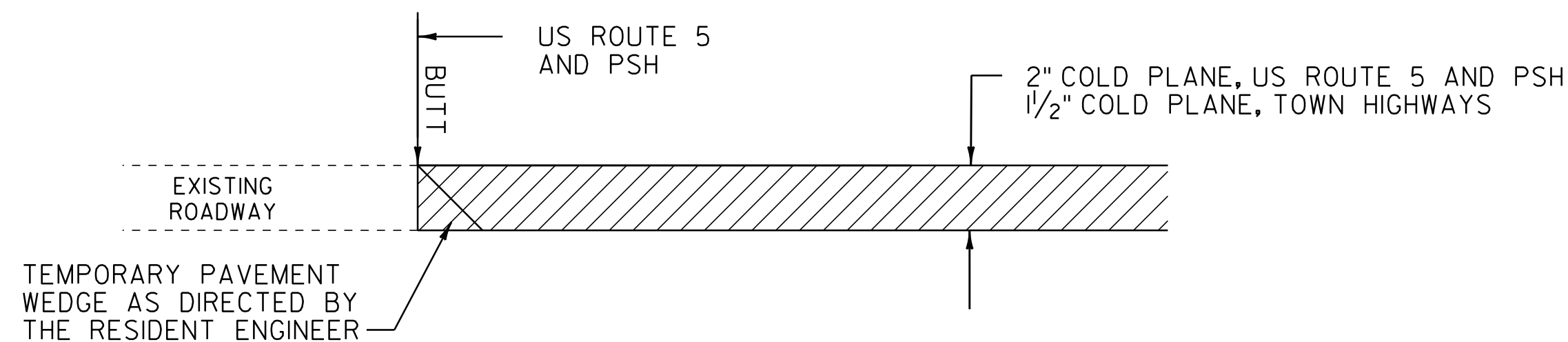
COLD PLANE TYPICAL SECTION

NOT TO SCALE

BRATTLEBORO, US ROUTE 5 - 157+97 TO 289+82
DUMMERSTON, US ROUTE 5 - D 0+00 TO D 278+73
PUTNEY, US ROUTE 5 - P 0+00 TO P 43+05
PUTNEY STATE HIGHWAY - 0+00 TO 15+06
PUTNEY SH APPROACH - 0+60 TO 3+51

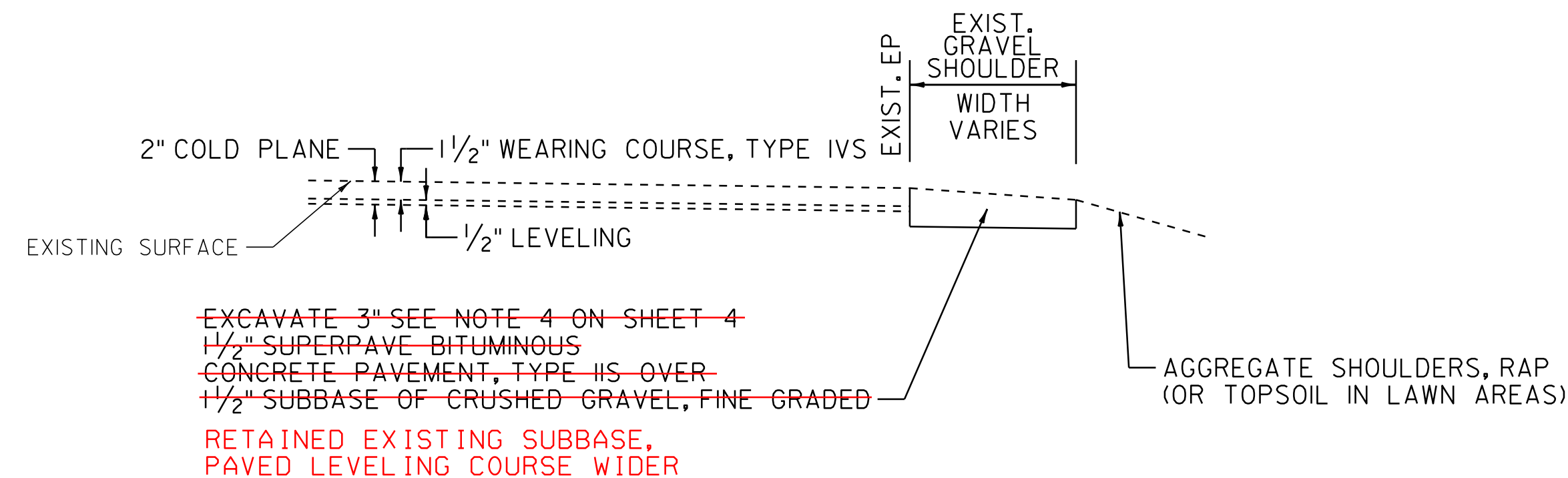
PROJECT PAVING LIMITS

TOWN	BEGIN STATION	END STATION	SHOULDER	LANE TYPICAL	SHOULDER	WEARING DEPTH (in)	LEVELING DEPTH	TYPE	NOTES
US ROUTE 5 BRATTLEBORO	157+97	170+30	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	170+30	173+84	VARIES	11.0-11.0	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 8
	173+84	198+85	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	198+85	225+74	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	225+74	231+21	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	231+21	241+01	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	241+01	241+36	VARIES	(4) 12' LANES	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 10
	241+36	252+00	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	252+00	277+53	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	277+53	280+59							NO TREATMENT, BRIDGE 10B
	280+59	289+82	VARIES	12.0-12.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
DUMMERSTON	D 0+00	D 2+00	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	D 2+00	D 278+73	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY	P 0+00	P 9+30	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 9+30	P 12+20	VAREIS	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 12+20	P 34+40	8.0	14.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 34+40	P 35+56	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 35+56	P 36+19	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	P 36+19	P 36+73	VARIES	11.0-11.0	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 15
	P 36+73	P 43+05	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
BRATTLEBORO S.H.	B 0+47	B 0+78	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	B 0+78	B 0+98	VARIES	(4) 12' LANES	VARIES	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE
	B 0+98	B 3+15	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
VT 9	B 4+85	B 6+30	VARIES	(4) 12' LANES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY S.H.	0+00	3+39	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	3+39	5+56	4	11.0-11.0	4	1 1/4"	0	IVS	COLD PLANE 1 1/4", OVERLAY, BRIDGE 13
	5+56	12+75	VARIES	11.0-11.0	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
	12+75	15+06	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY
PUTNEY S.H. APPROACH	0+60	3+51	VARIES	VARIES	VARIES	1 1/2"	1/2"	IVS	COLD PLANE 2", LEVEL AND OVERLAY



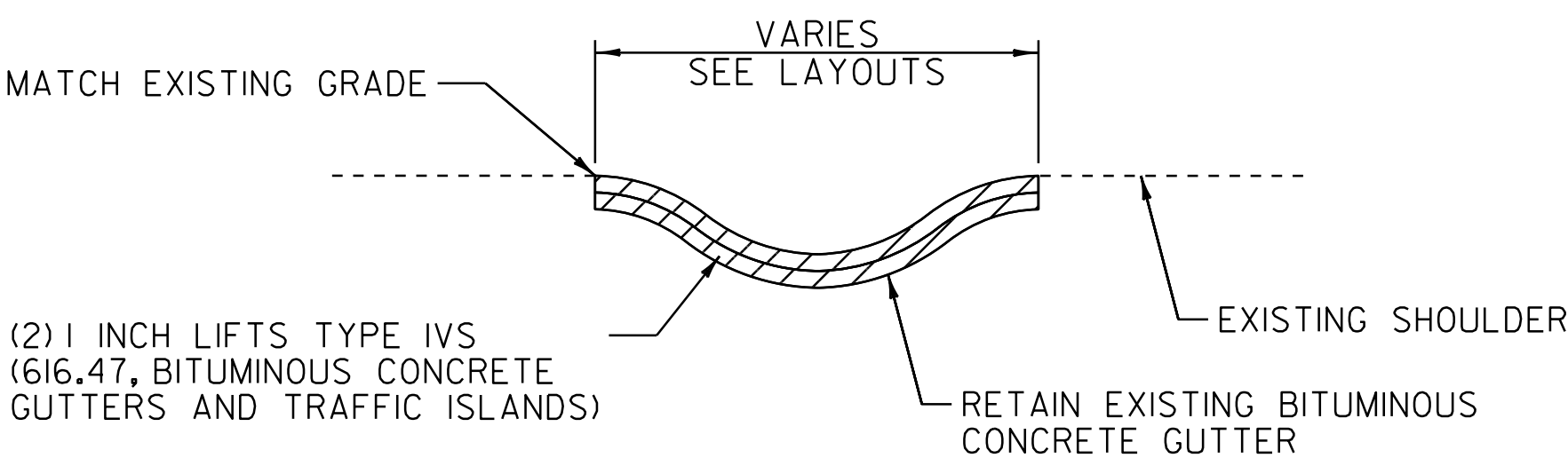
APPROACH AREA DETAIL – BUTT

LOCATION	
US ROUTE 5 - 157+97 BEGIN PROJECT	
US ROUTE 5 - 43+05 END PROJECT	
PSH - 0+00	
RAMPS AND TOWN HIGHWAYS	
BRATTLEBORO	
TH 350	- 165+18 LT (EATON AVE)
TH 355	- 165+56 RT (WANTASTIQUET DR)
TH 82	- 208+61 LT (TECHNOLOGY DR)
TH 36	- 229+73 LT (BLACK MTN RD)
BSH	- 243+30 LT
VT 9	- 243+31 RT
TH 47	- 246+55 RT (JUSTIN HOLDEN DR)
TH 46	- 255+89 RT (WELLINGTON RD)
TH 44	- 260+31 RT (BROWNE CT)
TH 42	- 276+55 RT (OLD FERRY RD)
TH 41	- 286+70 RT (BENNETT DR)
DUMMERSTON	
TH 31	- D 10+25 LT (RYAN RD)
TH 2	- D 26+99 LT (MIDDLE RD)
TH 27	- D 52+59 LT (HOUGHTON RD)
TH 37	- D 52+73 RT (CARPENTER RD)
TH 37	- D 79+53 RT (CARPENTER RD)
TH 43	- D 112+82 RT (DUMMERSTON STATION RD)
TH 1	- D 130+16 LT (EAST-WEST RD)
TH 3	- D 147+79 LT (SCHOOL HOUSE RD)
TH 20	- D 210+05 LT (CANOE BROOK RD)
TH 6	- D 245+80 LT (JOHNSONS CURVE RD)
PUTNEY	
TH 79	- P 1+94 LT (ALICE HOLWAY DR)
TH 78	- P 8+48 LT (CAROL BROWN WAY)
TH 58	- P 19+75 RT (OLD DEPOT RD)
TH 5	- P 22+55 LT (OLD ROUTE 5)
TH 70	- P 28+70 LT (WEST ST)
TH 57	- P 31+80 RT (CHRISTIAN SQ)
TH 1	- P 35+05 LT (KIMBALL HILL)



SHOULDER WIDENING

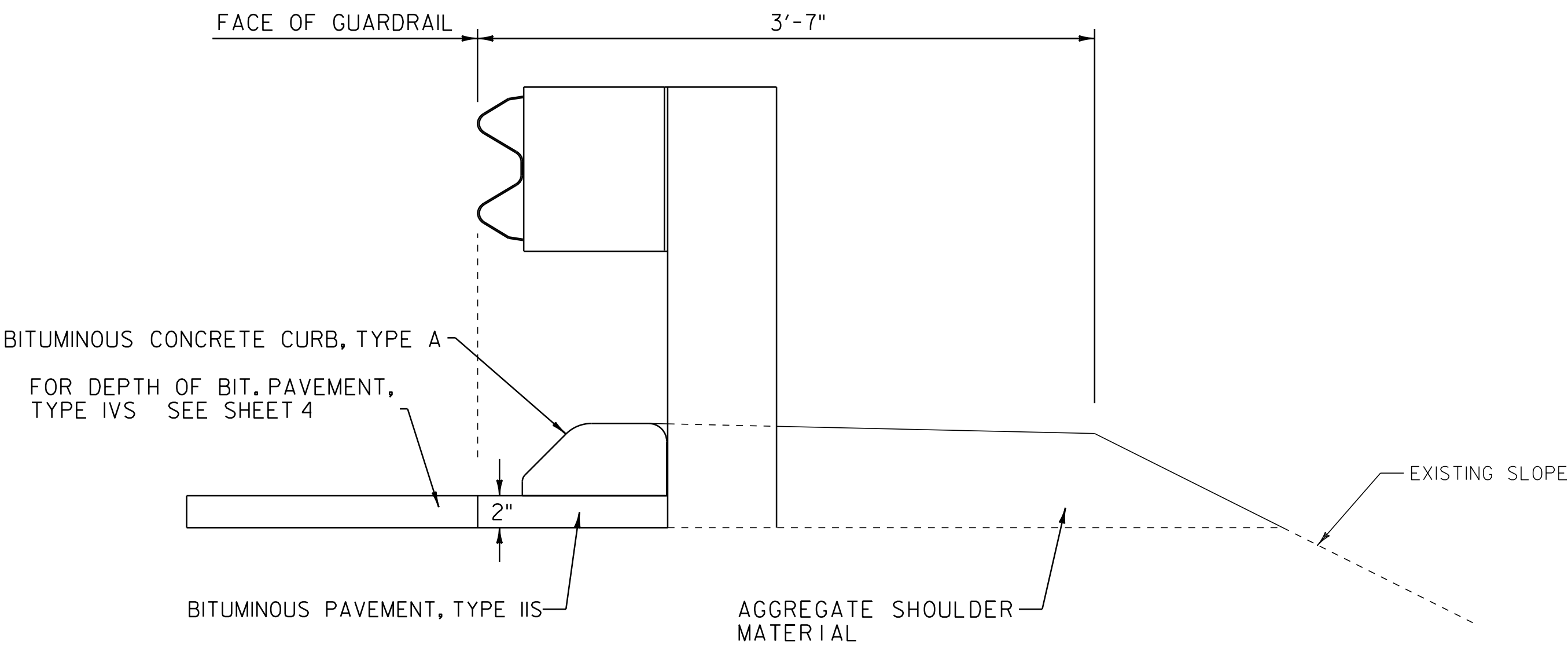
LOCATION	
DUMMERSTON	
D 0+00 TO D 28+10	RT
D 0+00 TO D 52+27	LT



BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

NOT TO SCALE
LOCATION

US ROUTE 5	
BRATTLEBORO	
159+63 TO	165+17 RT
179+34 TO	180+25 RT
181+19 TO	181+65 LT
DUMMERSTON	
D 88+11 TO D 91+07	RT
D 113+46 TO D 120+17	RT

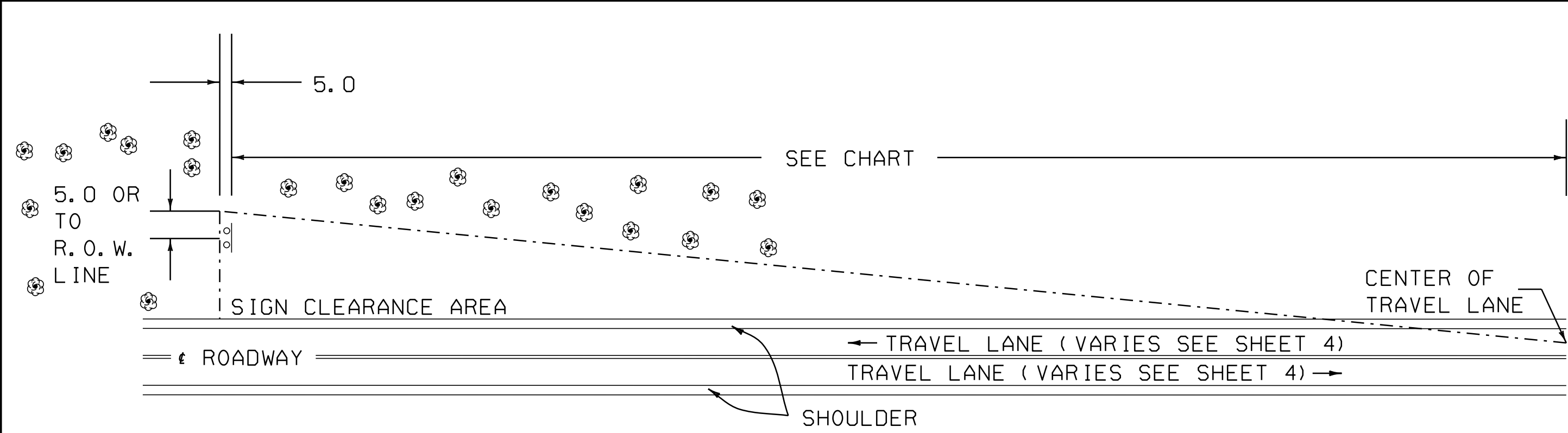


BITUMINOUS CONCRETE CURB, TYPE A DETAIL

LOCATION

PROJECT TYPICAL SHEET 2

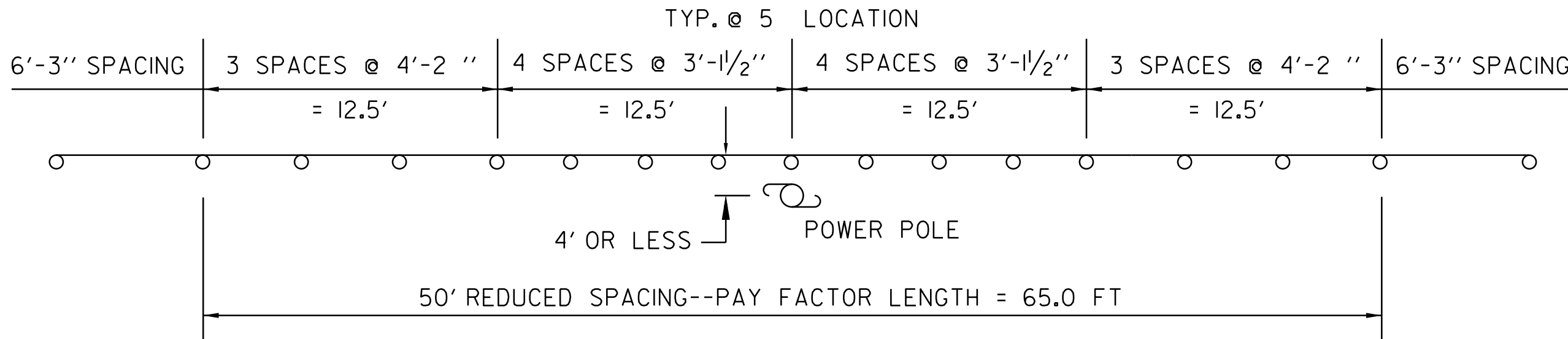
PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032_05	SHEET 5 OF 118



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.

MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550



GUARDRAIL DETAIL

OBJECTS WITHIN 4.0 FT OF GUARDRAIL

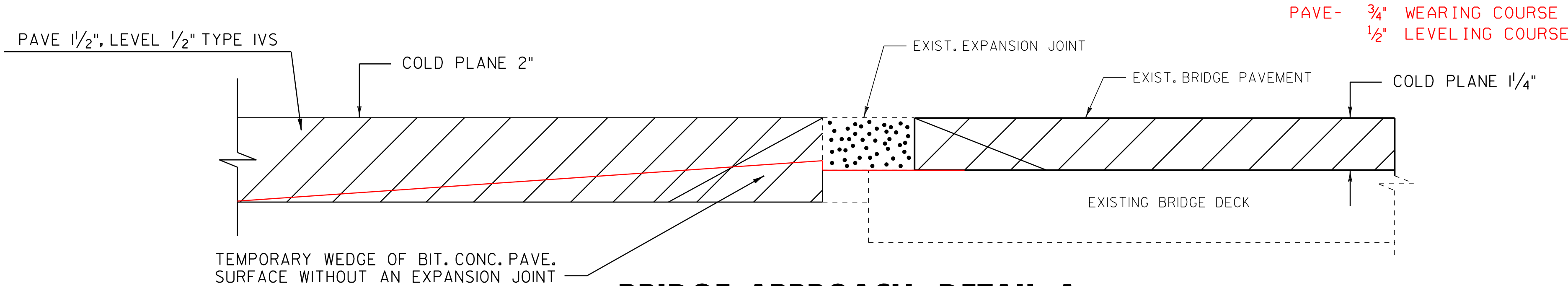
LOCATION

US ROUTE 5
BRATTLEBORO
190+68 LT
DUMMERSTON
D 229+90 RT

THINNING AND TRIMMING DETAIL

US ROUTE 5
BRATTLEBORO
~~165+36 LT~~
~~258+72 RT~~
~~272+54 RT~~
DUMMERSTON
~~D 127+99 RT~~
D 37+15 LT

PUTNEY STATE HIGHWAY
PUTNEY
~~20+06 RT~~
VT ROUTE 9
B 5+72 LT



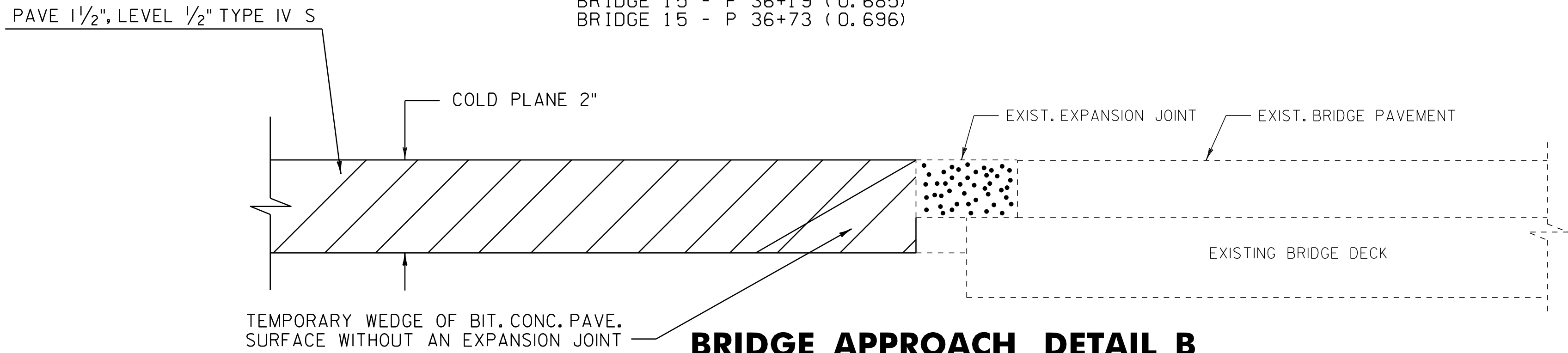
BRIDGE APPROACH DETAIL A

LOCATION

DONE WITH MEMBRANE PROJECT

US ROUTE 5
BRIDGE 8 - 170+30 (MM 3.225)
BRIDGE 8 - 173+84 (MM 3.292)
BRIDGE 10 - 241+01 (MM 4.565)
BRIDGE 10 - 241+36 (MM 4.571)
BRIDGE 15 - P 36+19 (0.685)
BRIDGE 15 - P 36+73 (0.696)

BRATTLEBORO STATE HIGHWAY
~~BSH BRIDGE - B-0+78~~
PUTNEY STATE HIGHWAY
BRIDGE 13 - 3+39 (0.064)
BRIDGE 13 - 5+56 (0.105)



BRIDGE APPROACH DETAIL B

LOCATION

US ROUTE 5
BRIDGE 10B - 277+53 (5.256)
BRIDGE 10B - 280+59 (5.314)

PROJECT TYPICAL SHEET 3

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.06

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 6 OF 118

ASPHALTIC PLUG JOINT NOTES

I. INSTALLATION

A. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURER’S RECOMMENDED WIDTH.

B. 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.

C. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.

D. REPAIR SPALLED AND DEFECTIVE CONCRETE WITH AN APPROVED MATERIAL AS AGREED UPON BY THE ENGINEER.

E. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.

F. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.

G. PLACE ¼" 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 PRESTAMPED 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.

H. HEAT AND MIX THE BINDER MATERIAL AND AGGREGATE AS RECOMMENDED BY THE MANUFACTURER.

I. INSTALLATION OF MATERIAL, COMPACTION, AND TOP COATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

J. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.

K. ONCE THE JOINT REACHES 82 DEG C(180 DEG F)+/-, WATER MAYBE USED TO EXPEDITE THE COOLING PROCESS.

L. PROTECT JOINT FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 51DEG C(125 DEG F) +/-.

2. WEATHER LIMITATIONS, (APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTURER):

A. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.

B. THE ROAD SURFACE IS DRY.

C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.

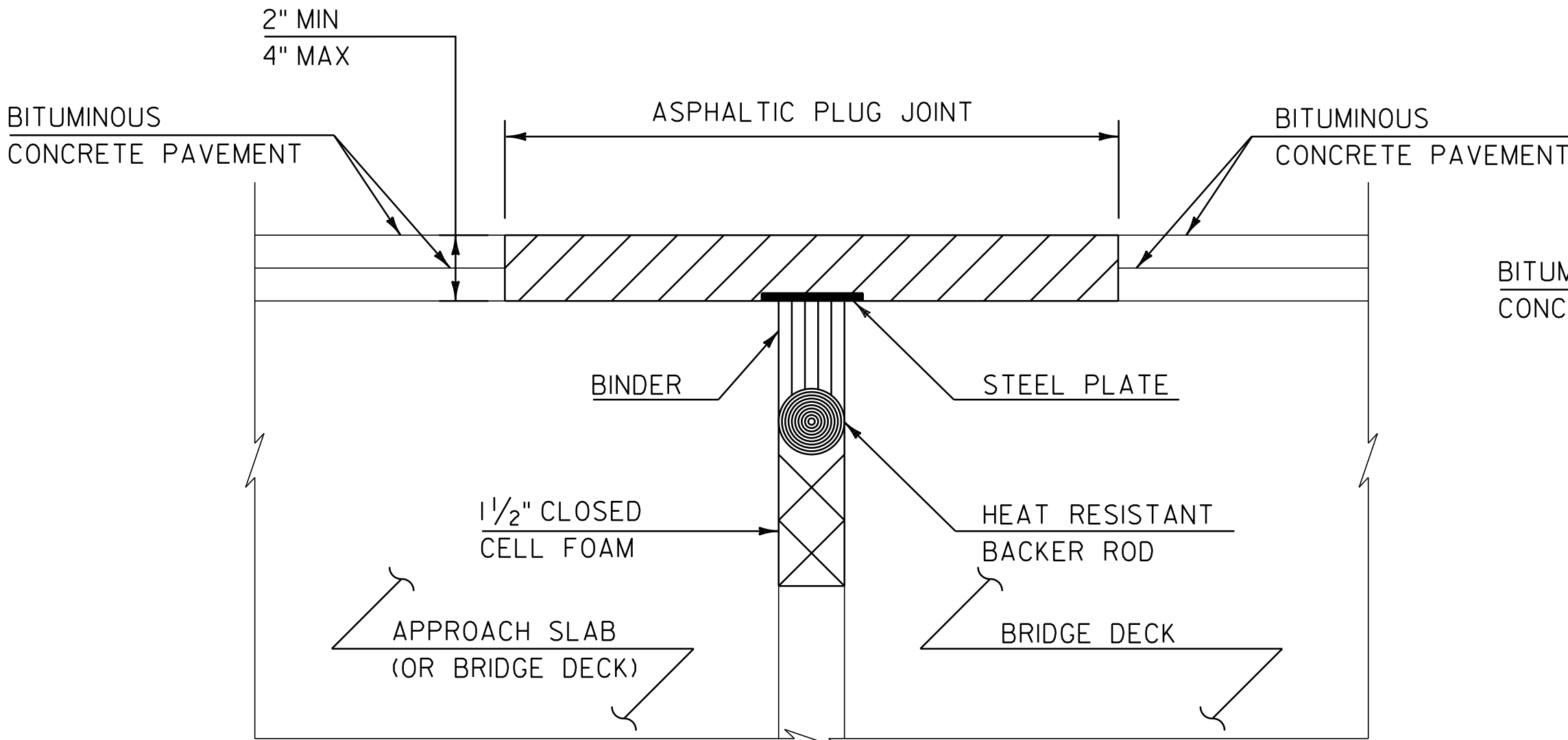
ASPHALTIC PLUG-TYPE JOINT DETAIL SHEET

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

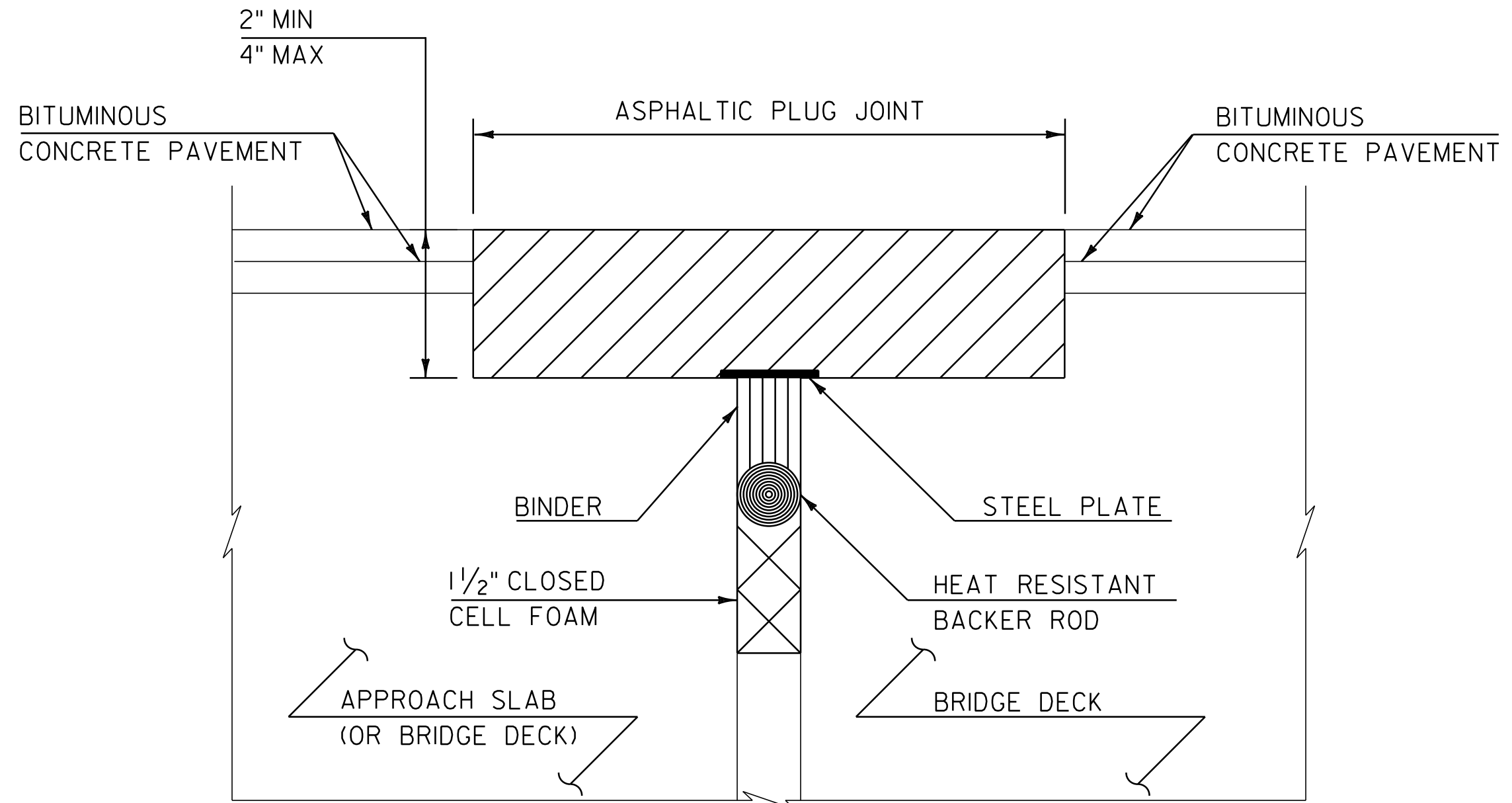
FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032_07

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 7 OF 118



ASPHALTIC PLUG-TYPE JOINT DETAIL

(NOT TO SCALE)

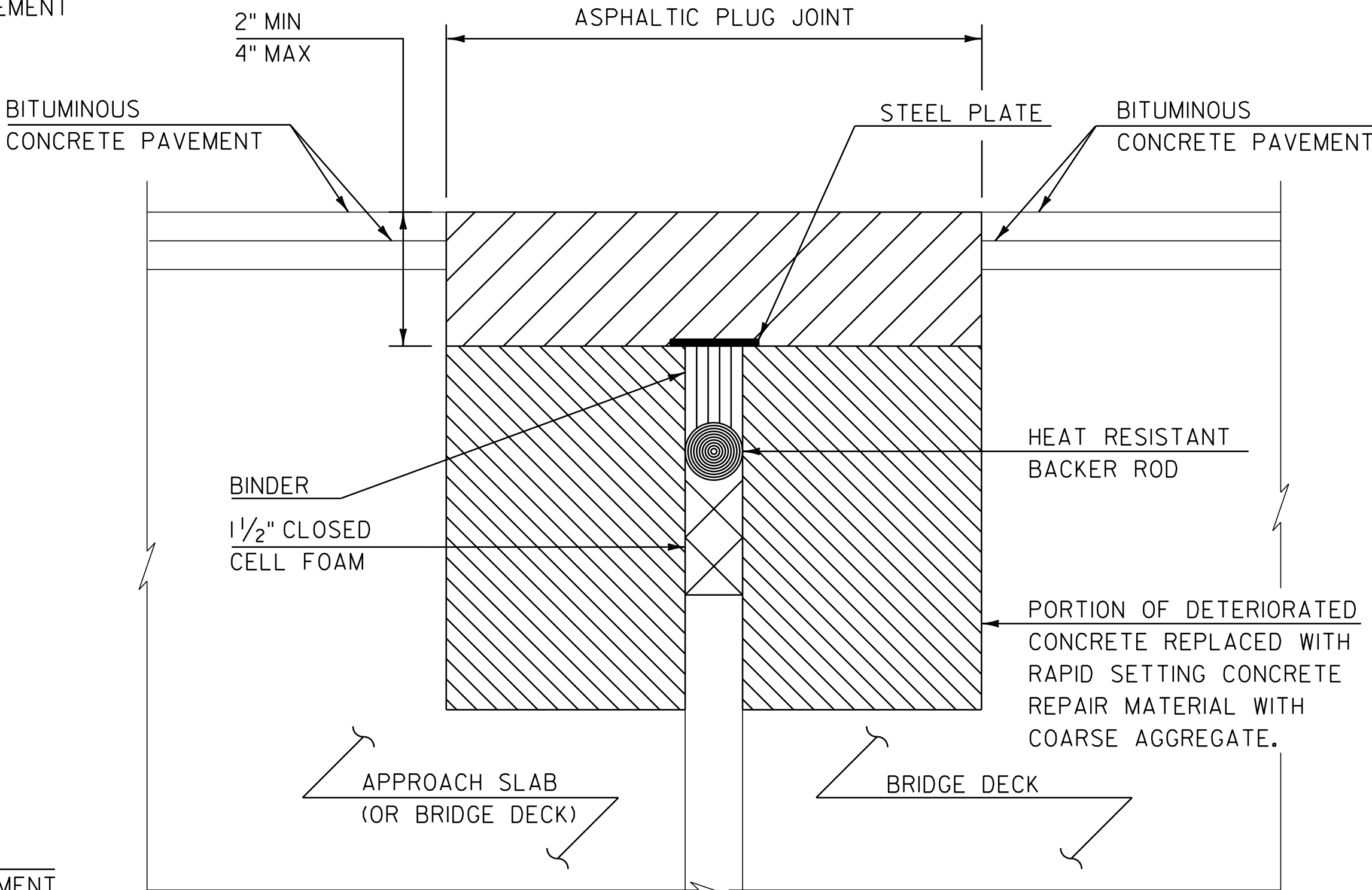


ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF < 2" DETERIORATED CONCRETE

(NOT TO SCALE)

NOTES:

- UPON ENCOUNTERING UP TO 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH THE ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER.
- REMOVAL OF THE DETERIORATED CONCRETE WILL NOT BE PAID SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10. THE ADDITIONAL PLUG JOINT MATERIAL BELOW THE DESIGN DEPTH TO REPLACE THE DETERIORATED CONCRETE WILL BE CONSIDERED INCIDENTAL TO THE UNIT BID PRICE FOR THE ITEM 516.10.



ASPHALTIC PLUG-TYPE JOINT DETAIL
REMOVAL OF > 2" DETERIORATED CONCRETE

(NOT TO SCALE)

NOTES:

- UPON ENCOUNTERING GREATER THAN 2" AVERAGE OF DETERIORATED CONCRETE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED MATERIAL AND REPLACE IT WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE FORMED TO EXISTING ELEVATION.
- REMOVAL OF THE DETERIORATED CONCRETE WILL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 580.20 "RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE".
- REINFORCING STEEL NOT SHOWN FOR CLARITY.

BRATTLEBORO

BRIDGE #8 170+30 (MM 3.225) (40 FT. EXP. JOINT)
173+84 (MM 3.292) (40 FT. EXP. JOINT)

BRIDGE #10 ~~241+01 (MM 4.565) (65 FT. EXP. JOINT)~~
~~241+36 (MM 4.571) (65 FT. EXP. JOINT)~~

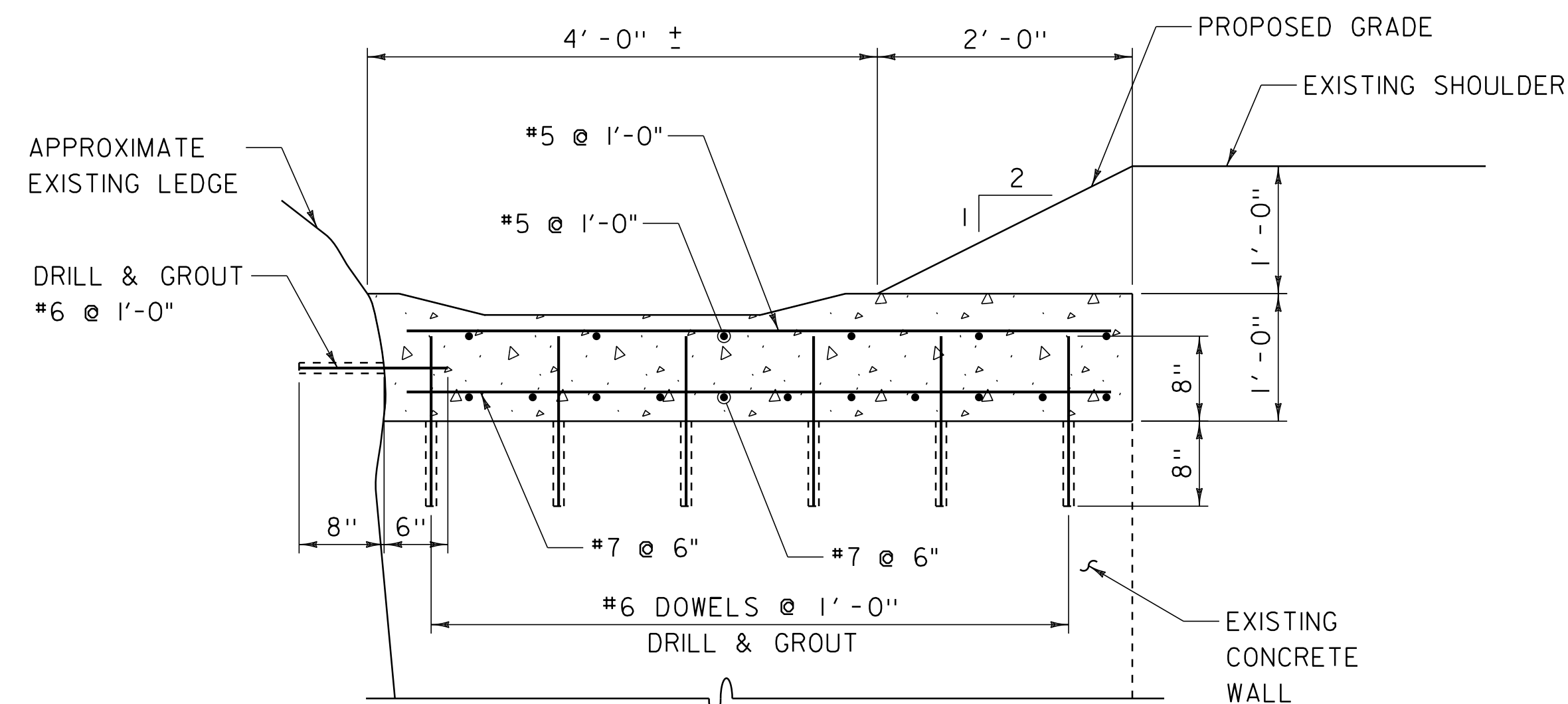
PUTNEY

BRIDGE #15 36+19 (MM 0.685) (30 FT. EXP. JOINT)
36+73 (MM 0.696) (30 FT. EXP. JOINT)

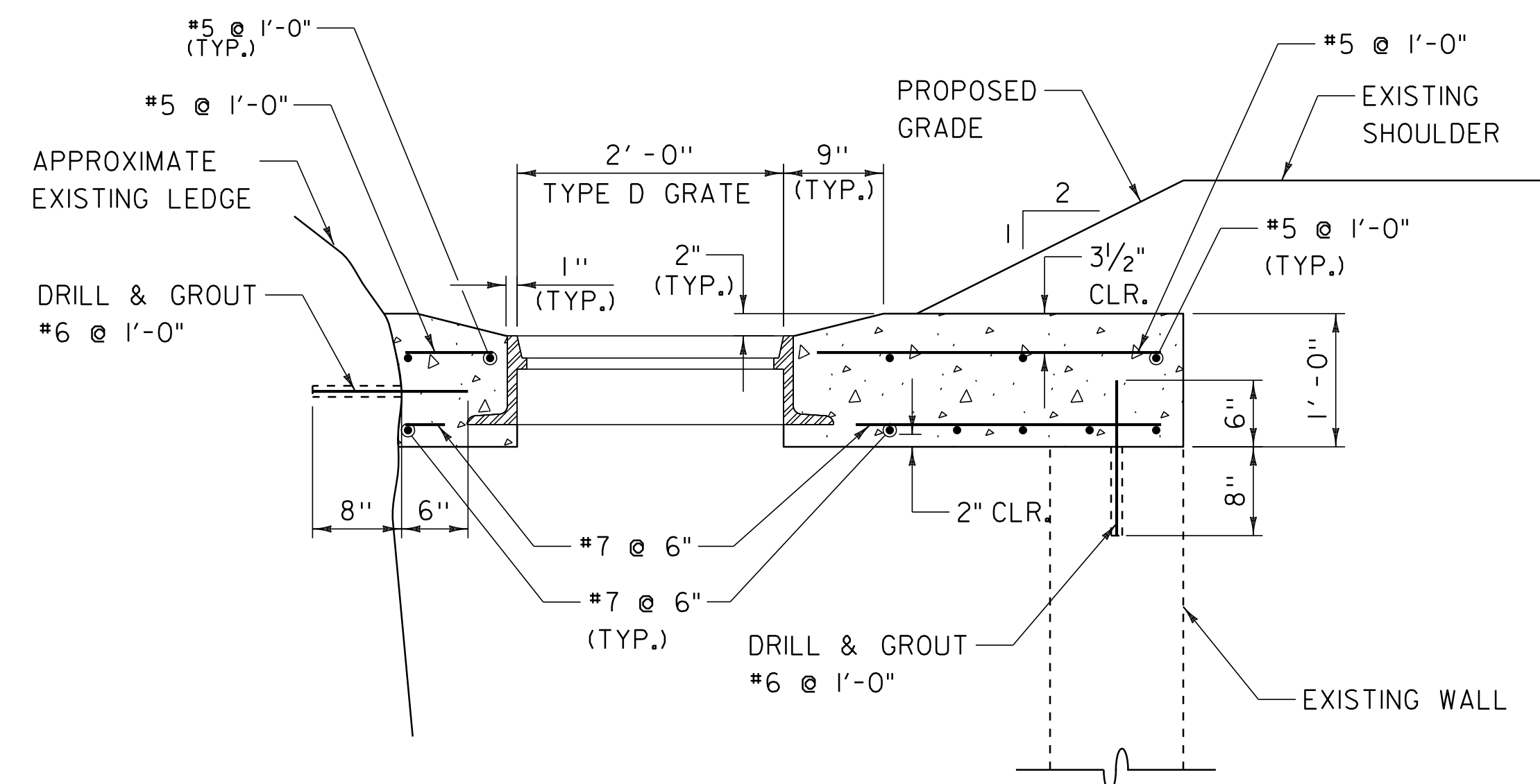
PUTNEY STATE HIGHWAY

BRIDGE #13 3+64 (MM 0.069) (32 FT. EXP. JOINT)
4+38 (MM 0.083) (32 FT. EXP. JOINT)
5+13 (MM 0.097) (32 FT. EXP. JOINT)
5+56 (MM 0.105) (32 FT. EXP. JOINT)

DONE W/ MEMBRANE PROJECT, NO ASPHALTIC PLUG JOINT



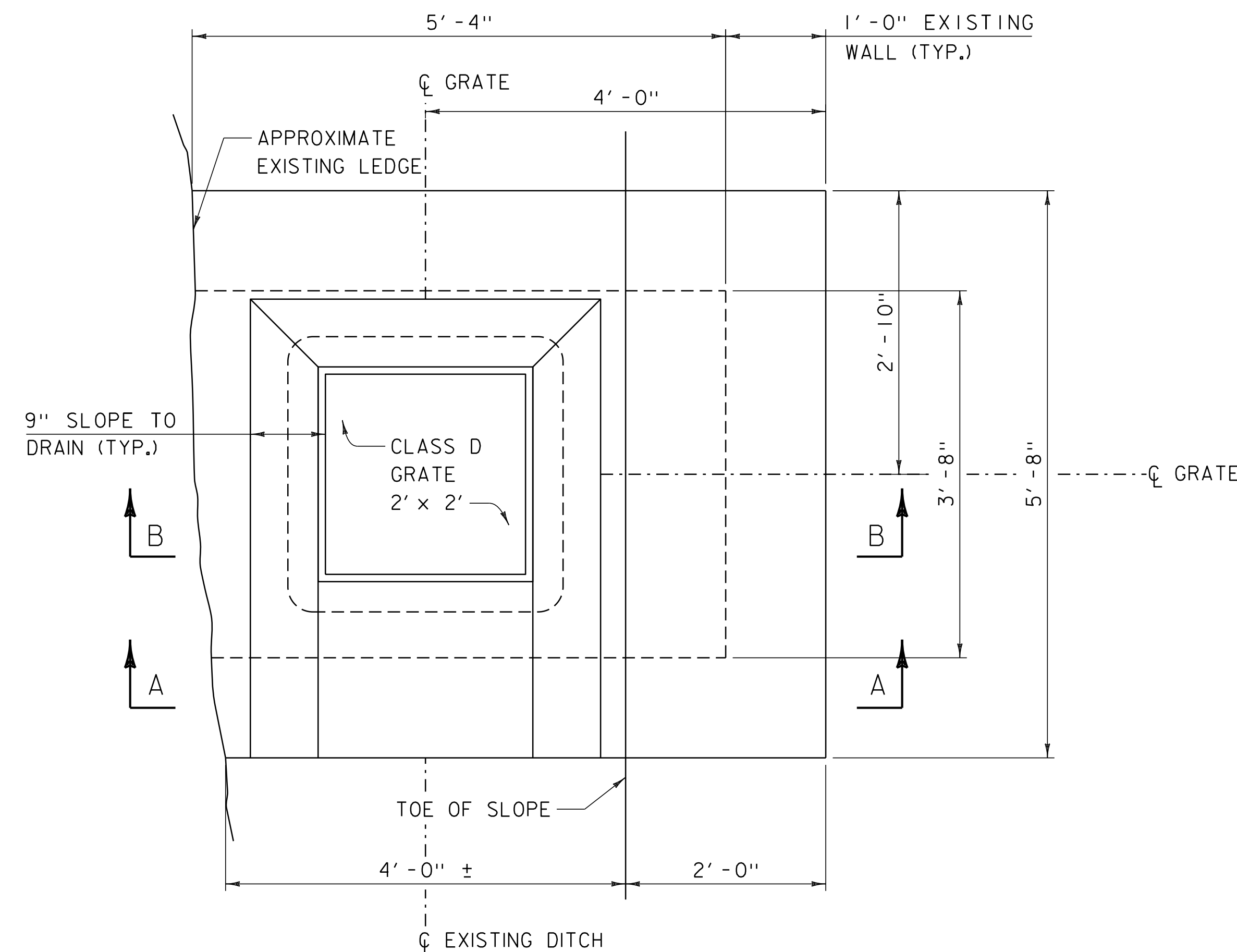
PROPOSED SLAB SECTION
SECTION A-A
SCALE: 1" = 1'-0"



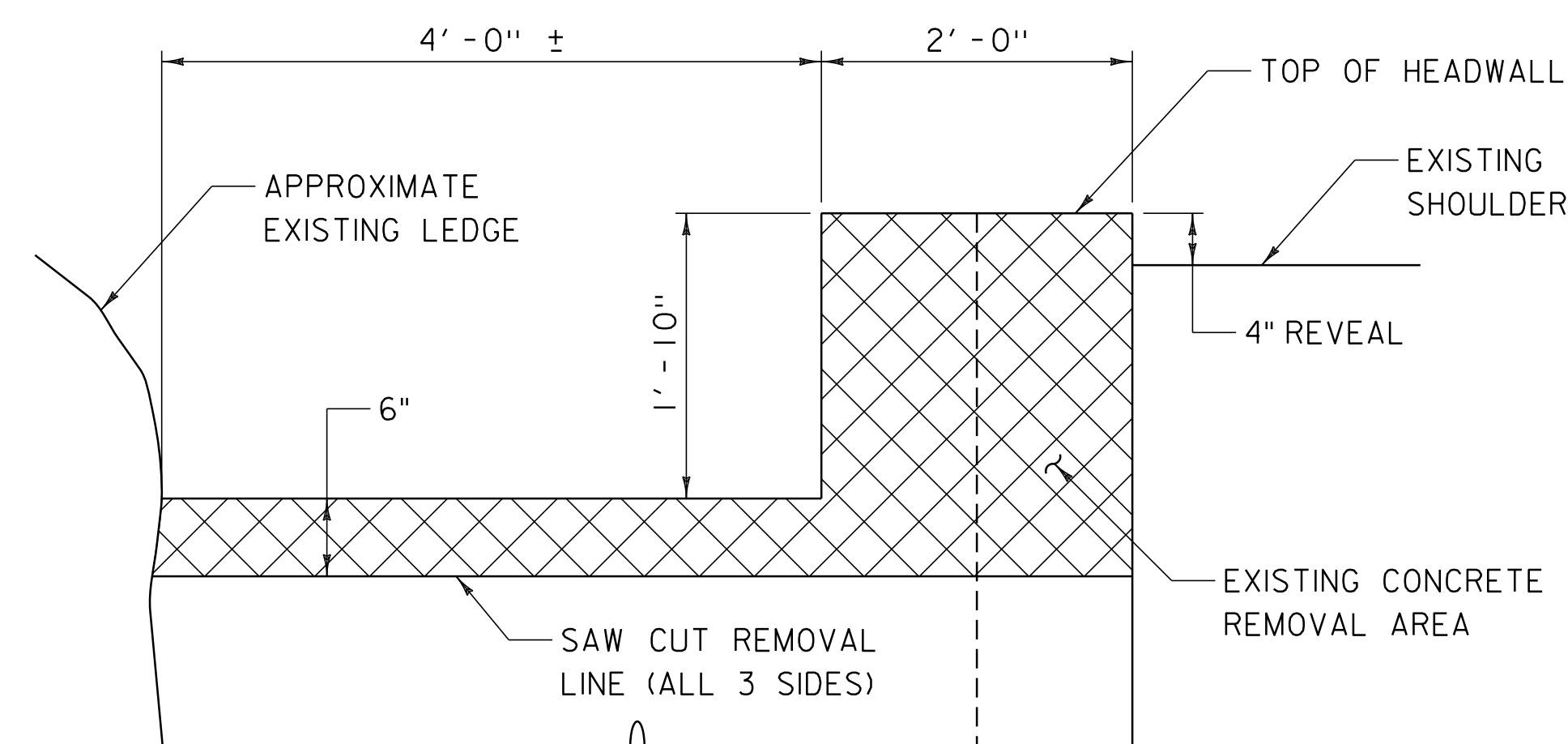
PROPOSED SLAB & GRATE SECTION
SECTION B-B
SCALE: 1" = 1'-0"

NOTES:

- ALL CONCRETE SHALL BE ITEM 541.25, CONCRETE CLASS B.
- ALL REBAR INCLUDING DOWELS SHALL BE PAID AS ITEM 507.15, REINFORCING STEEL.
- DRILLING AND GROUTING SHALL BE PAID AS ITEM 507.16, DRILLING AND GROUTING DOWELS.
- THE CONTRACTOR SHALL DETERMINE ALL DIMENSIONS AND ELEVATIONS FOR THE EXISTING STRUCTURE IN THE FIELD.
- SAW CUT AND REMOVAL OF THE EXISTING CONCRETE SHALL BE PAID UNDER ITEM 529.25, REMOVAL OF CONCRETE OR MASONRY.



PLAN VIEW
SCALE: 1" = 1'-0"

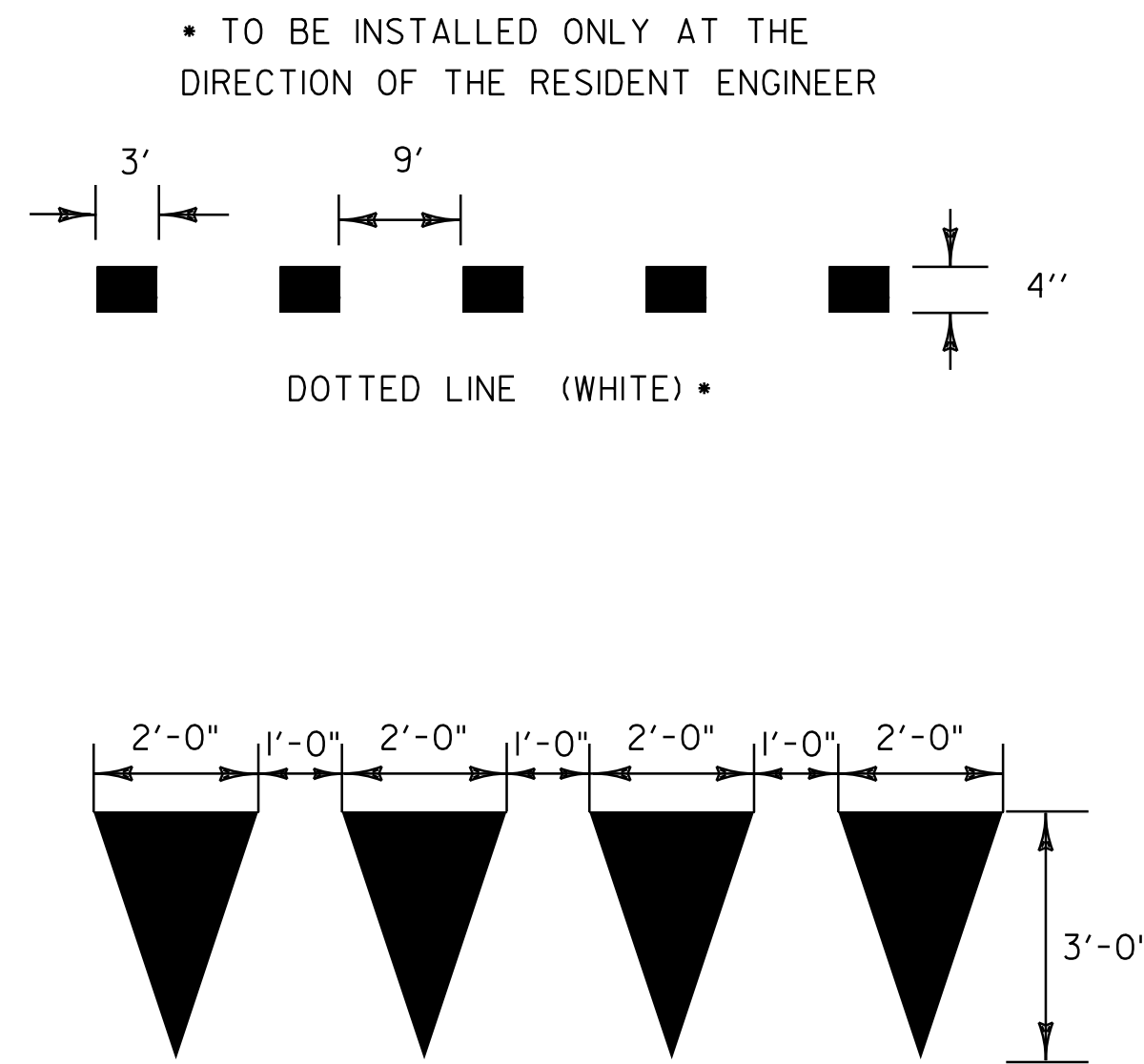
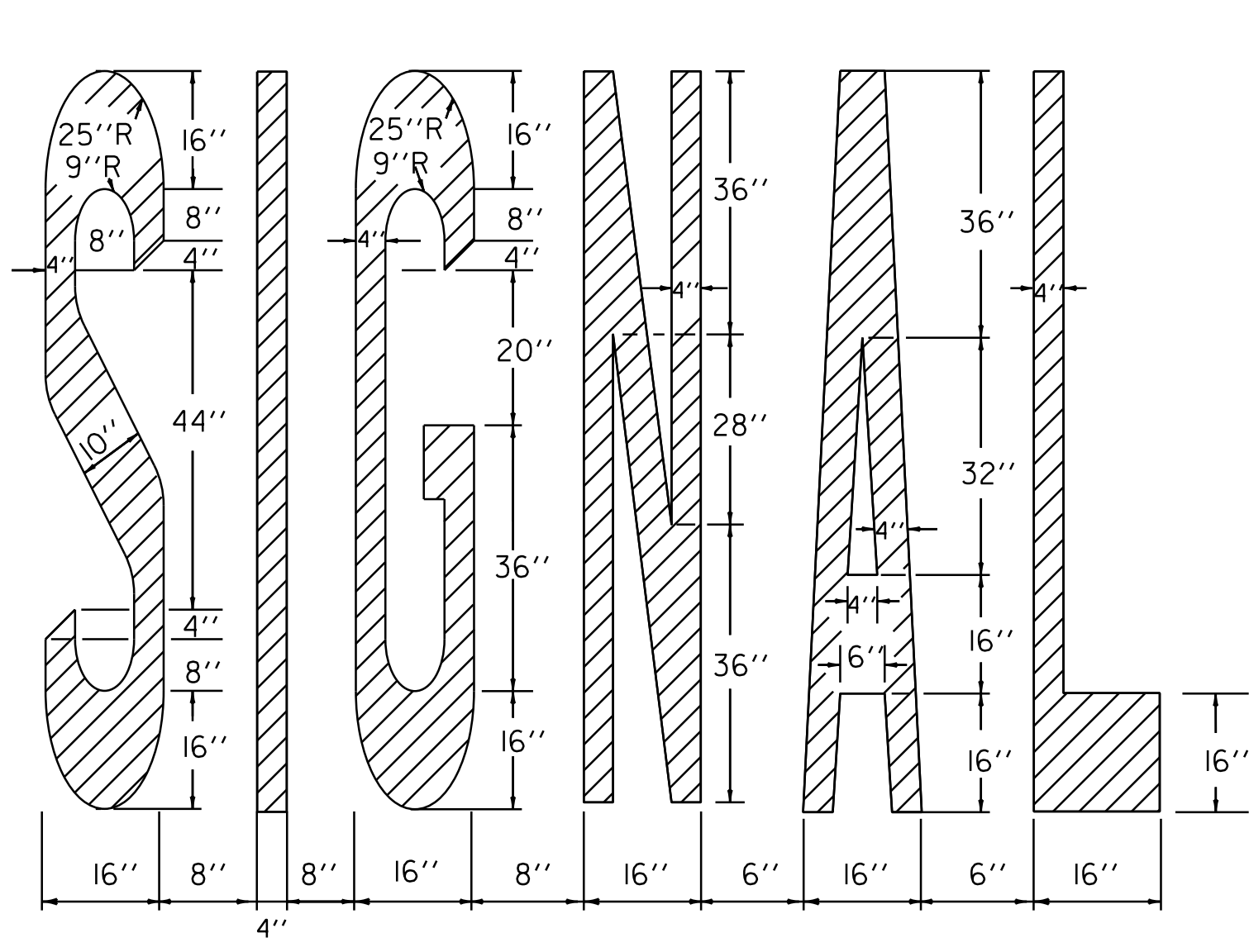
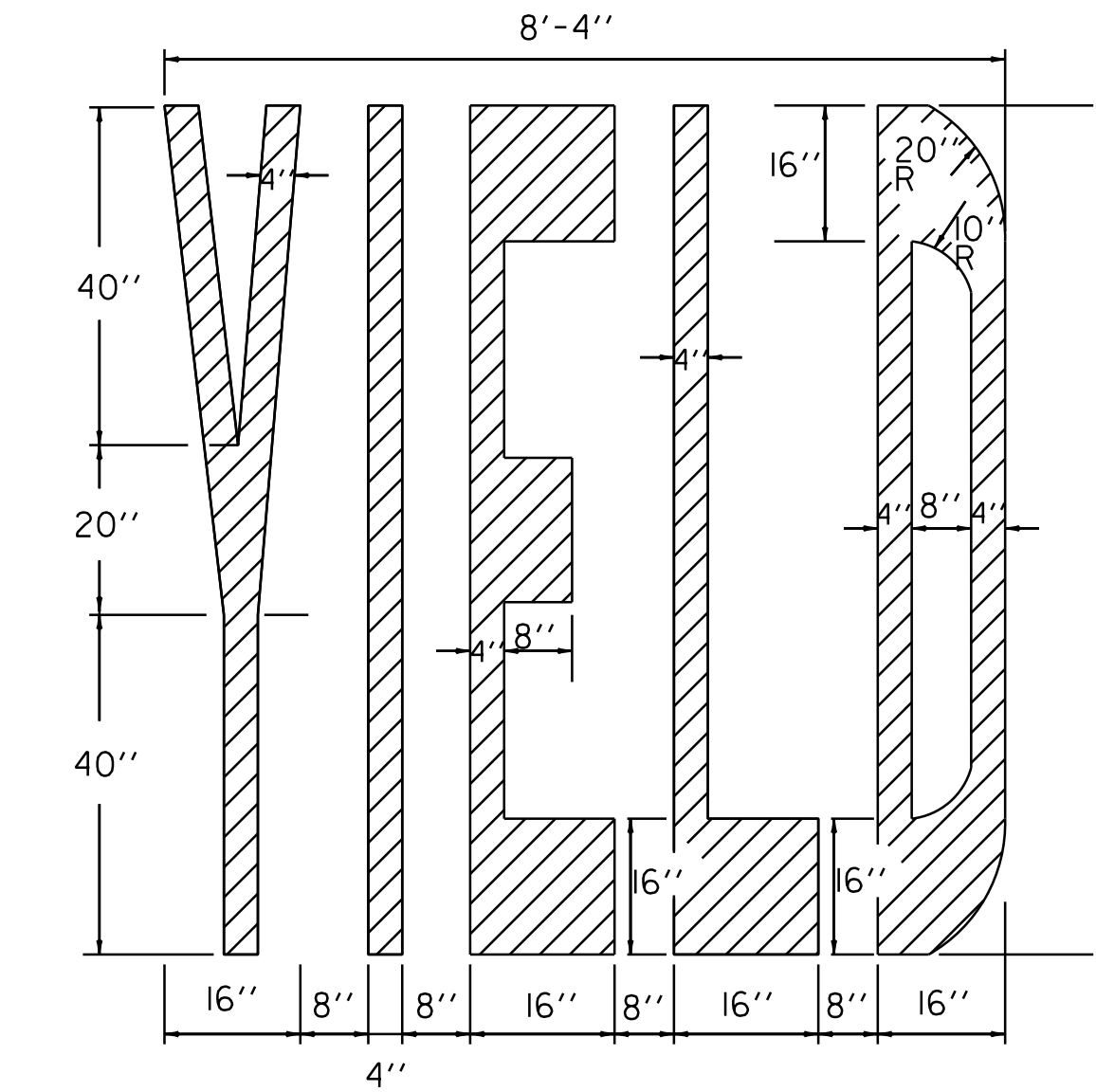


REMOVAL LIMITS
SECTION A-A
SCALE: 1" = 1'-0"

STA 180+26 RT
DROP INLET RETRO-FIT DETAIL SHEET

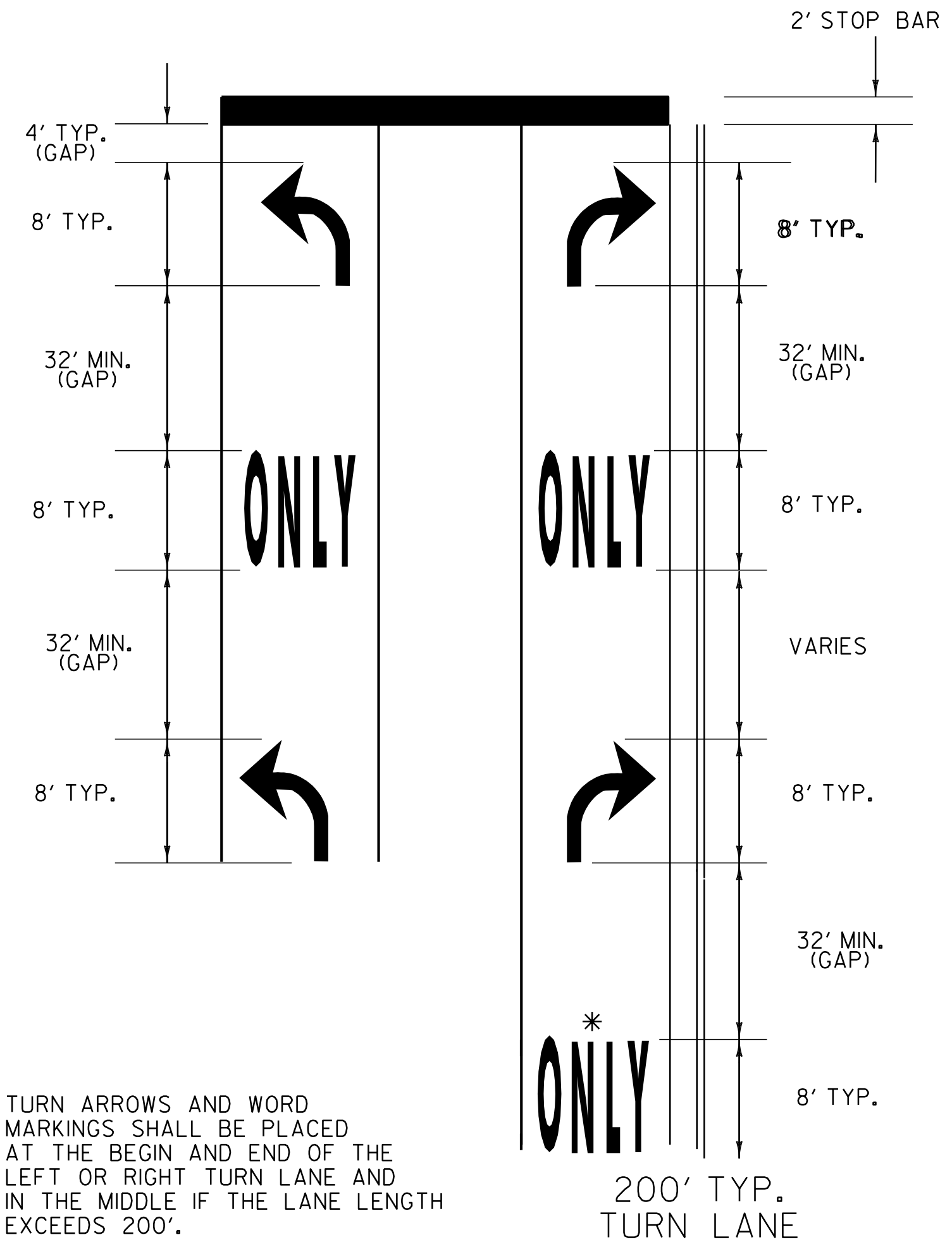
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PROJECT NUMBER: STP 2310(1)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:22
PROJECT LEADER: PTS	DRAWN BY: MWS
DESIGNED BY: JPB	CHECKED BY: JLF
IPARM FILE NAME: 01C032.08	SHEET 8 OF 118

CONCRETE DROP INLET RETRO-FIT



YIELD LINE DETAILS

TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER
TO BE PAID AS ONE LETTER OR SYMBOL PER TRIANGLE



TURN ARROWS AND WORD MARKINGS SHALL BE PLACED AT THE BEGIN AND END OF THE LEFT OR RIGHT TURN LANE AND IN THE MIDDLE IF THE LANE LENGTH EXCEEDS 200'.

IF LANE LENGTH IS LESS THAN 50 FEET, ONLY ONE TURN ARROW PLACED AT THE BEGINNING OF THE SOLID LANE LINE, IS REQUIRED.

STOP BARS ARE INSTALLED ONLY WHERE A STOP SIGN OR TRAFFIC SIGNAL ARE LOCATED.

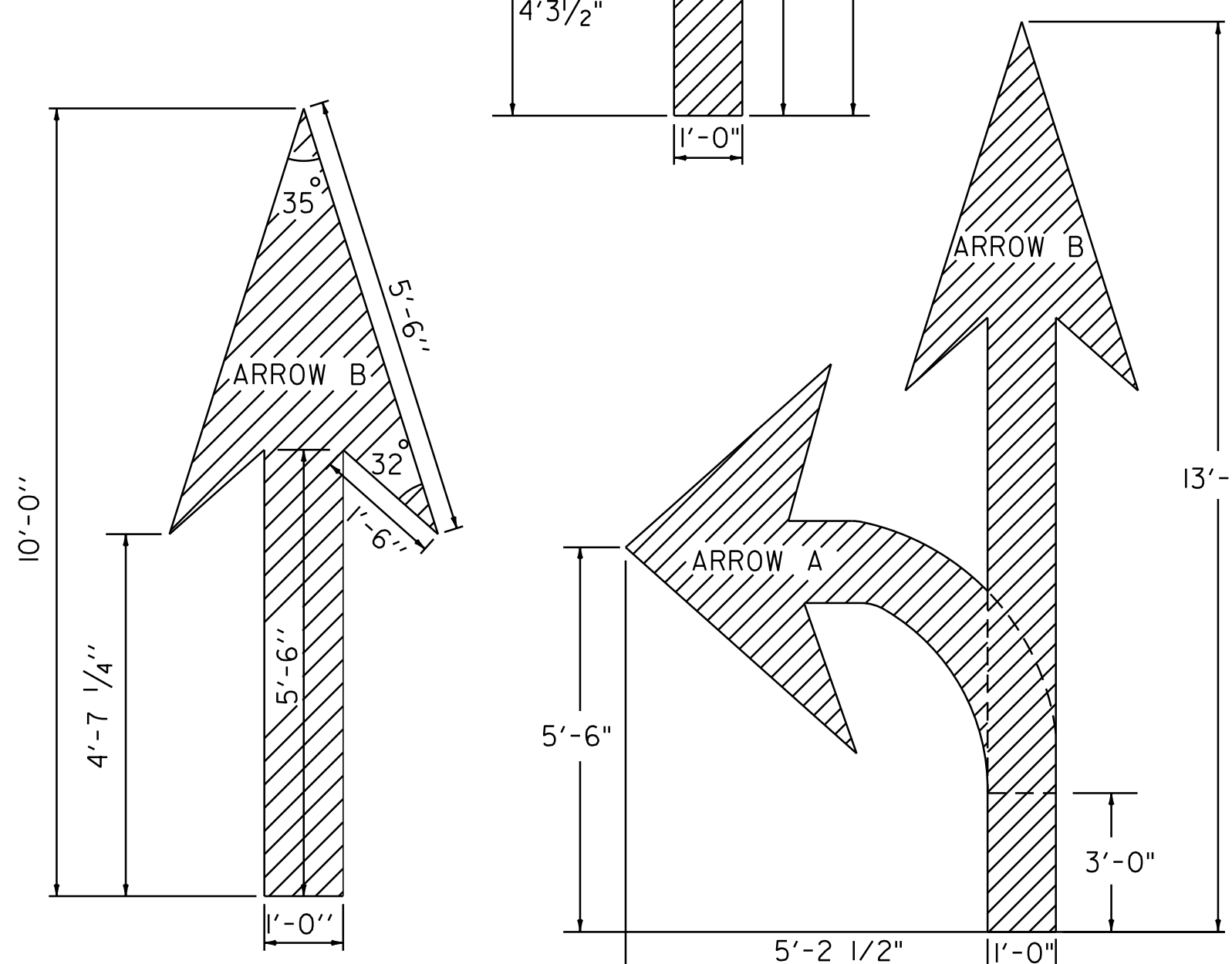
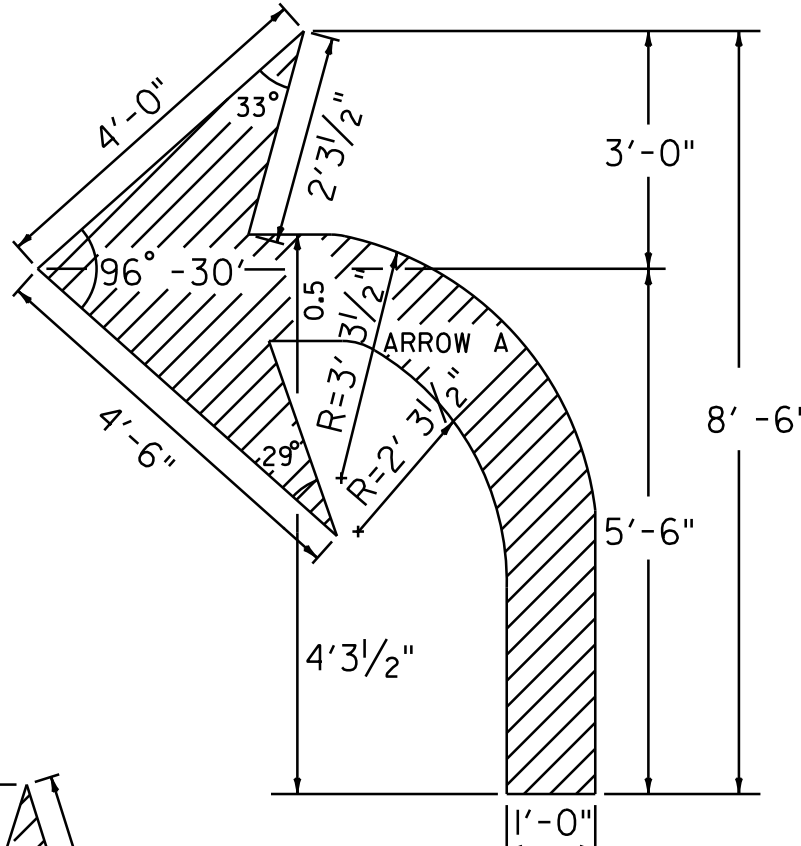
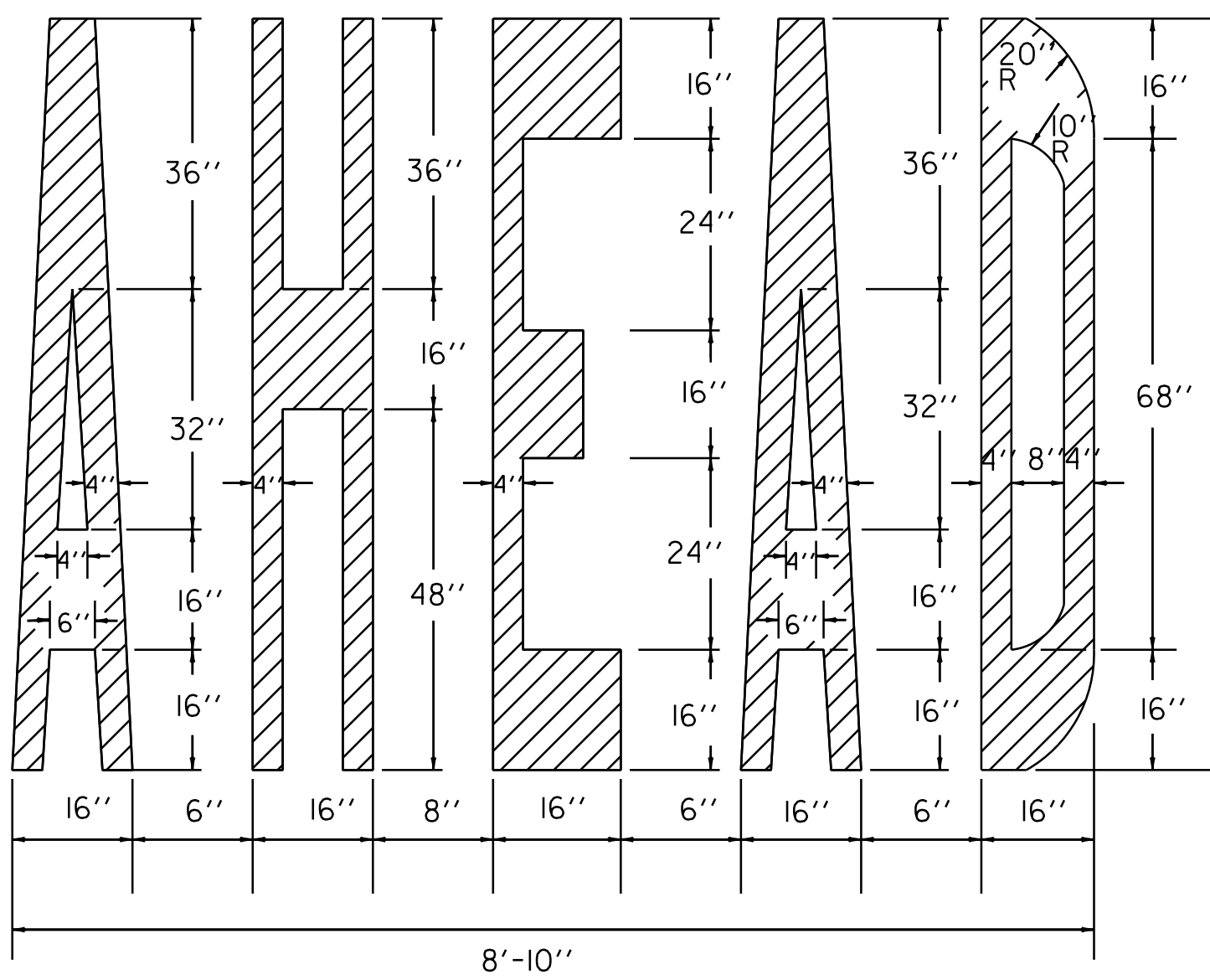
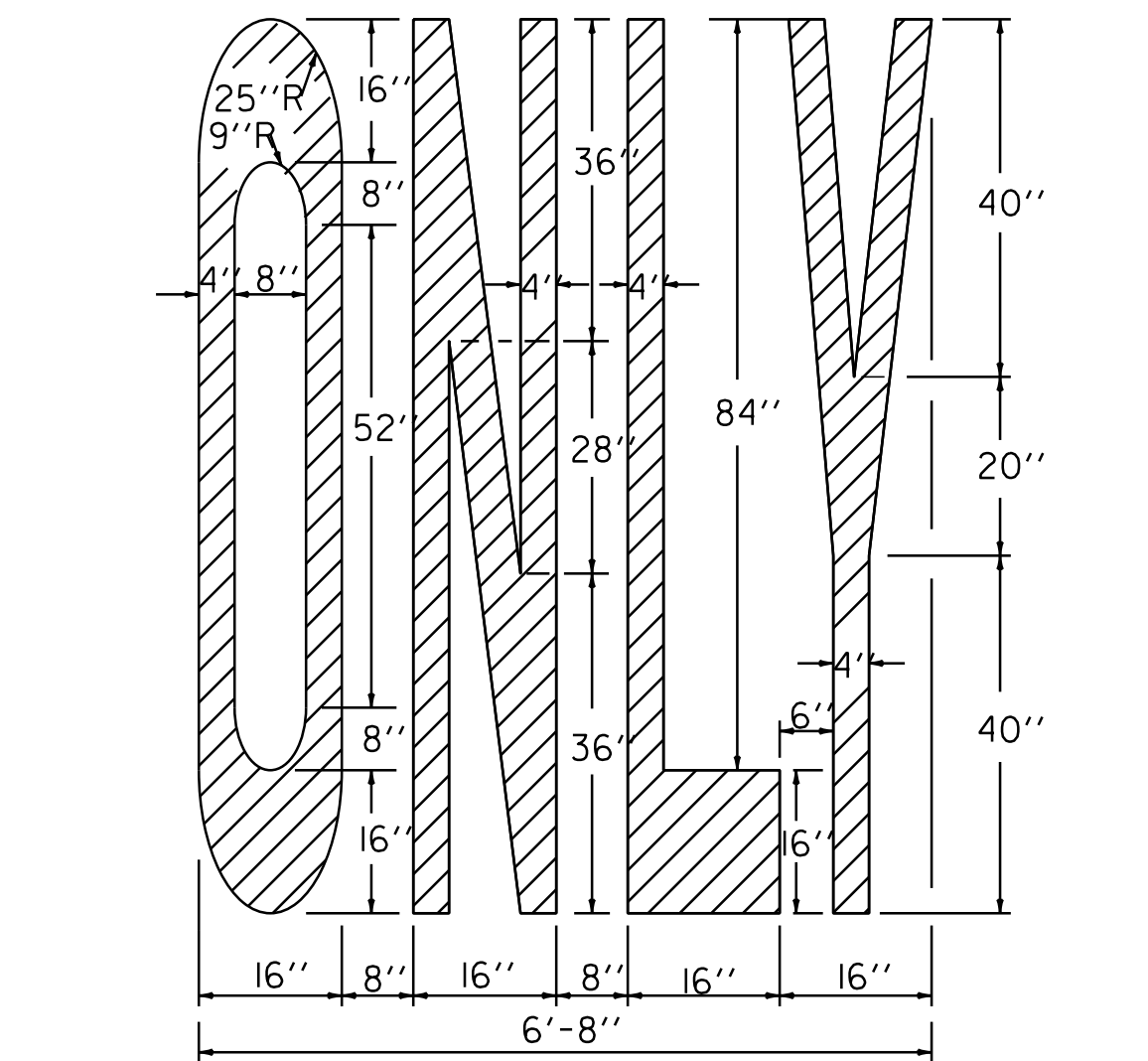
THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS

* A SECOND "ONLY" IS OPTIONAL WHEN SPACE PERMITS. MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.

THE LONGITUDINAL SPACE BETWEEN WORD OR SYMBOL MESSAGE MARKINGS, SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS, BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.

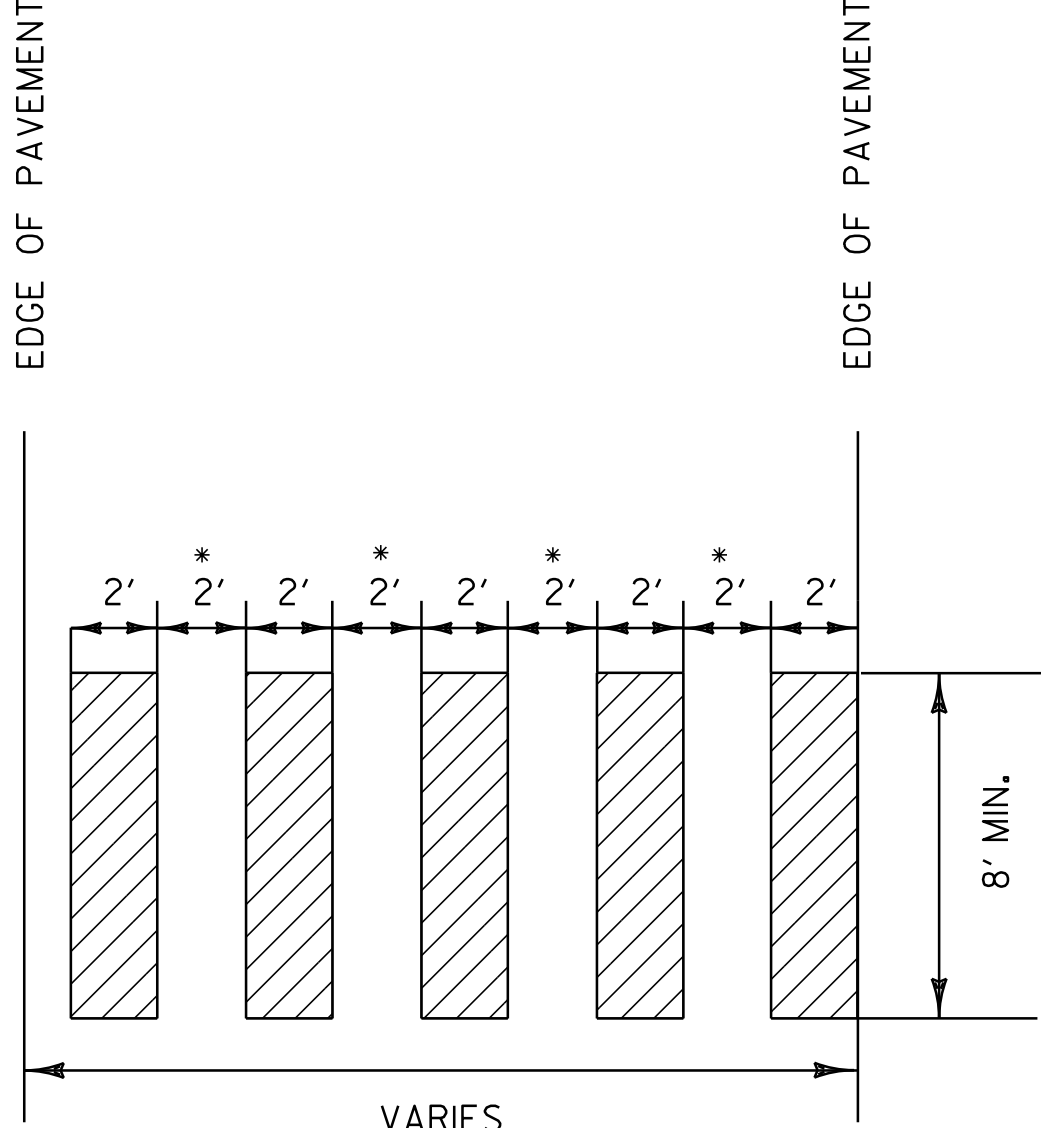
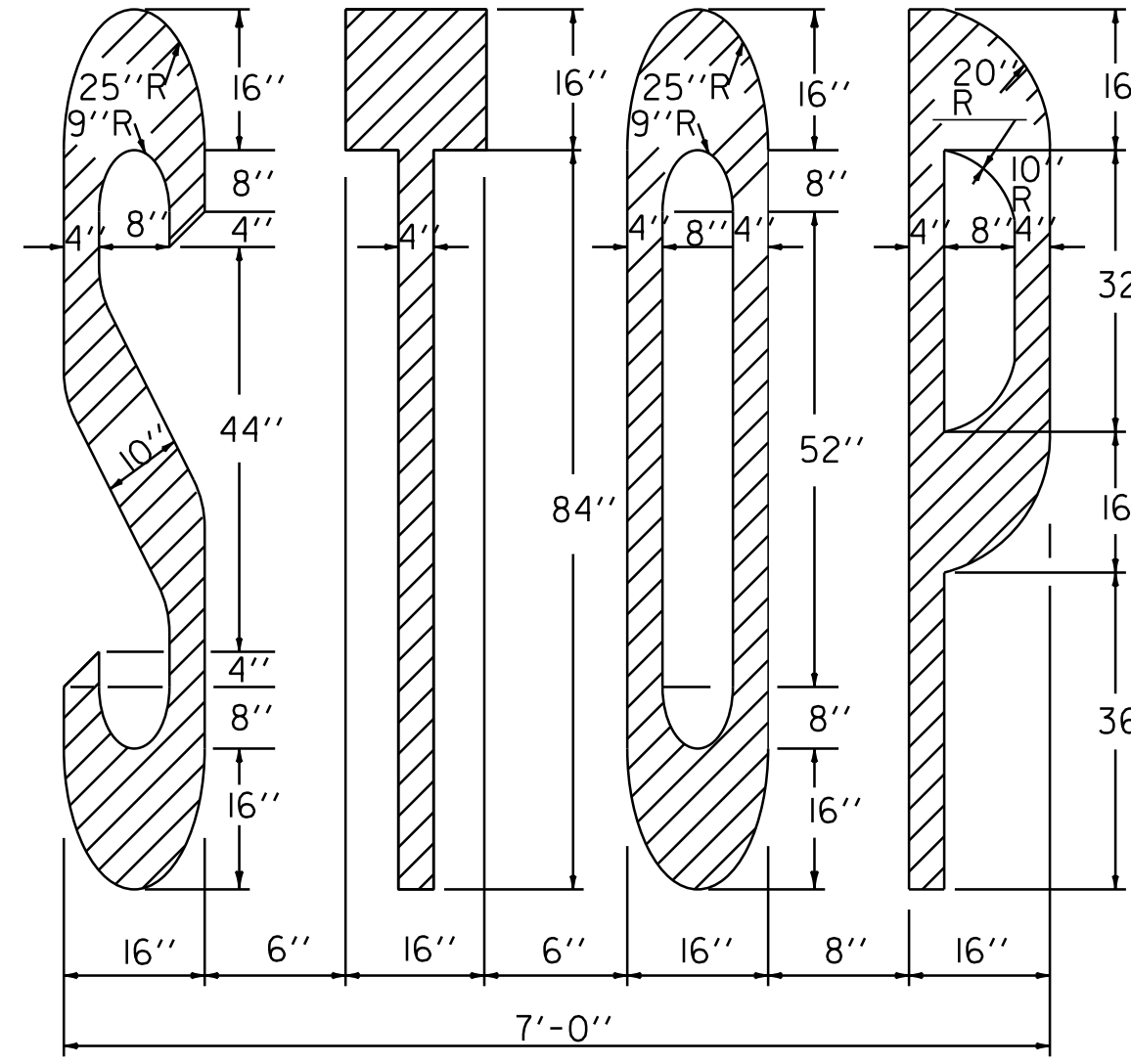
EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

TYPICAL MARKINGS FOR TURN LANES



TO BE PAID AS TWO SYMBOLS

ARROW DETAILS



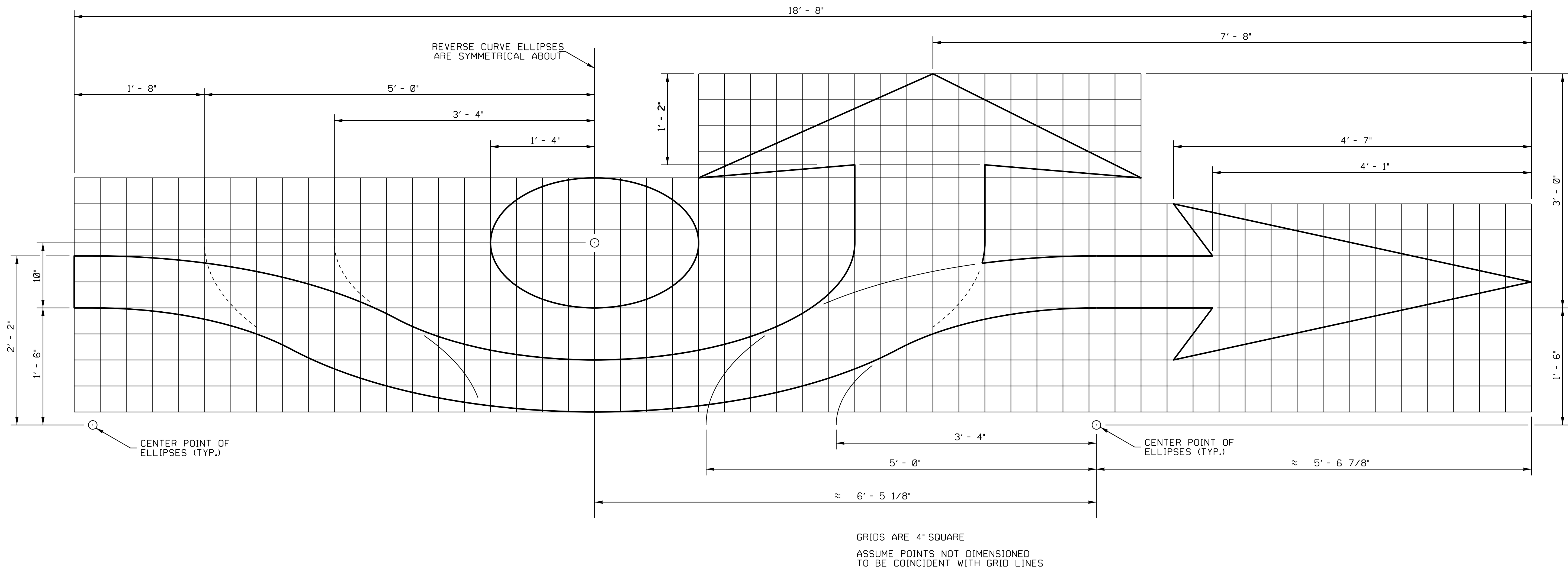
• ADJUST SPACING (12"-24") TO AVOID WHEEL PATHS

BLOCK PATTERN CROSSWALK DETAIL

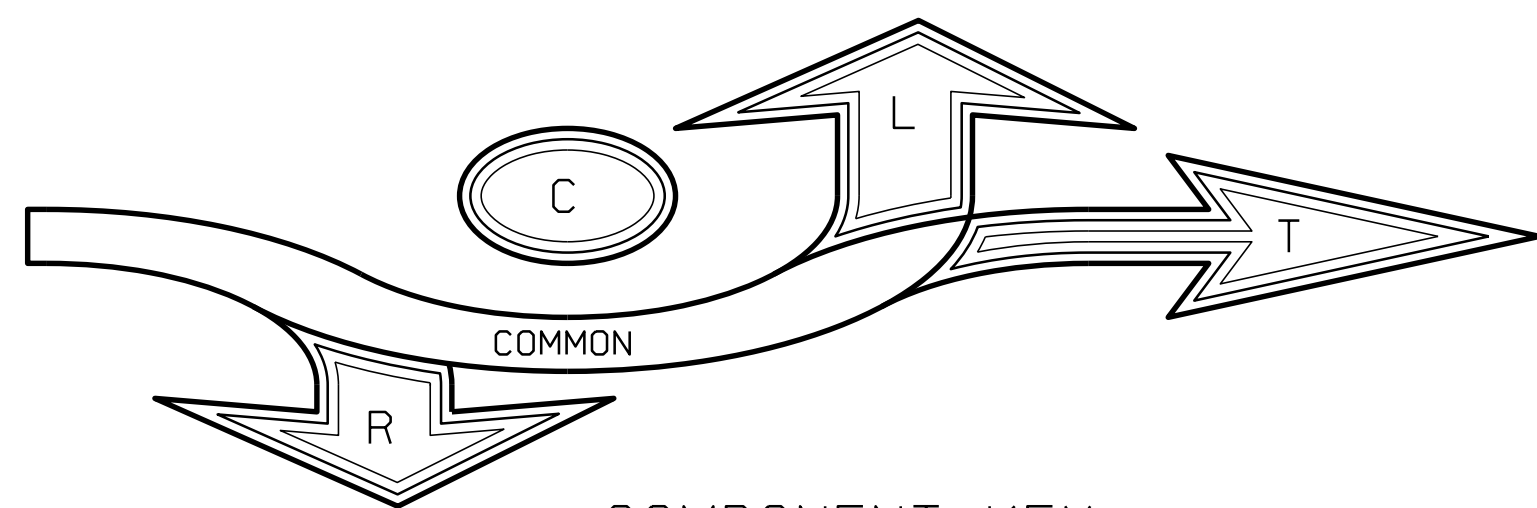
PAVEMENT MARKING DETAILS

PAVEMENT MARKING DETAIL SHEET

PROJECT NAME:	BRATTLEBORO-PUTNEY	FILE NAME:	/pave/01c032/pc032	PLOT DATE:	02-MAY-2012 17:2
PROJECT NUMBER:	STP 2310(I)	PROJECT LEADER:	PTS	DRAWN BY:	WWG
		DESIGNED BY:	NLL	CHECKED BY:	NLL/PTS
		IPARM FILE NAME:	OIC032_09	SHEET	9 OF 118



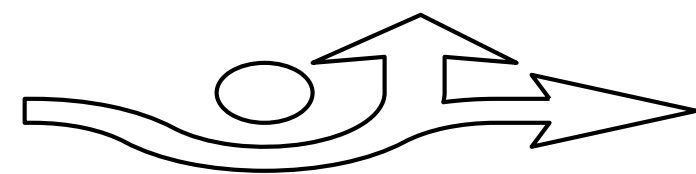
ARROW DETAILS



COMPONENT KEY

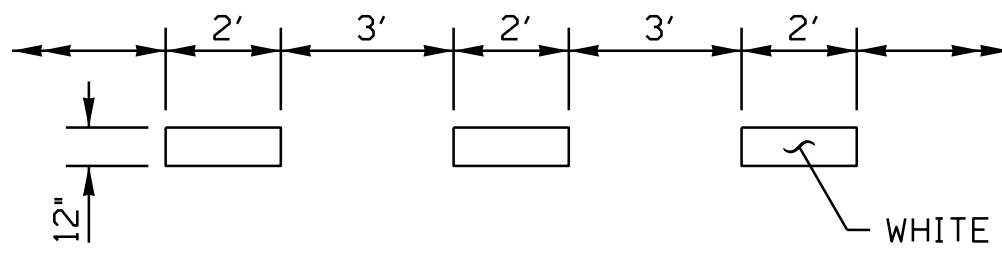
THE LABELED AREAS ABOVE CORRESPOND TO THE PORTIONS NEEDED FOR EACH TYPE OF ROUNDABOUT TRAFFIC ARROW.

FOR EXAMPLE: THE ROUNDABOUT TRAFFIC ARROW TYPE TRC REQUIRES THE "COMMON", "T", "R", AND "C" AREAS.



TYPE LTC
24.19 SQ.FT.

PAYMENT WILL BE MADE UNDER ITEM 646.493



WIDE DOTTED YIELD LINE
DETAIL

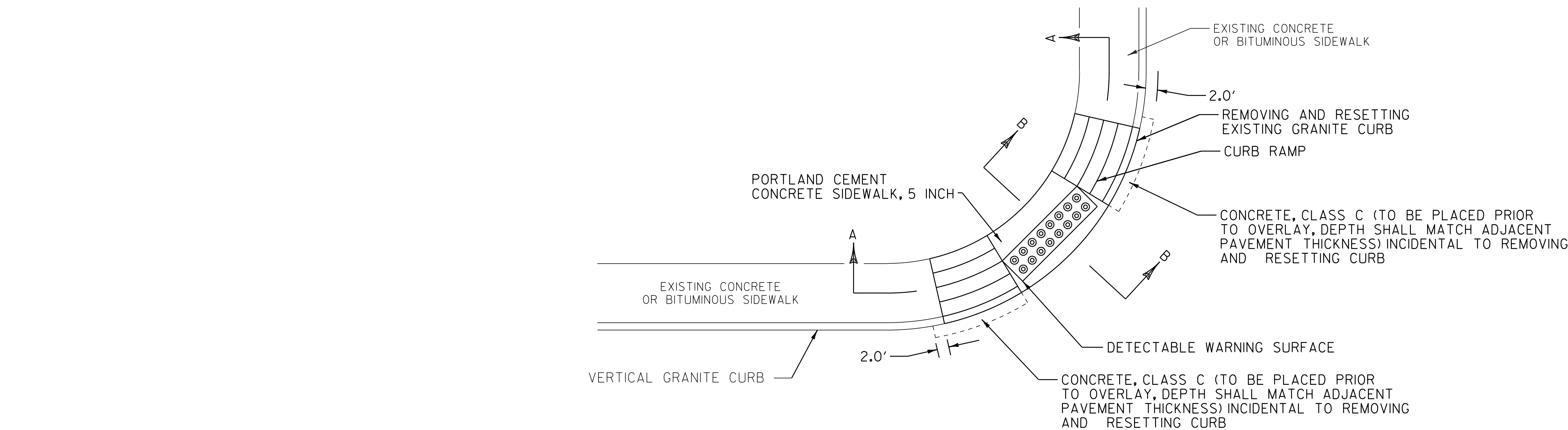
PAYMENT WILL BE MADE UNDER ITEM 646.466

**ROUNDABOUT PAVEMENT
MARKING DETAIL SHEET**

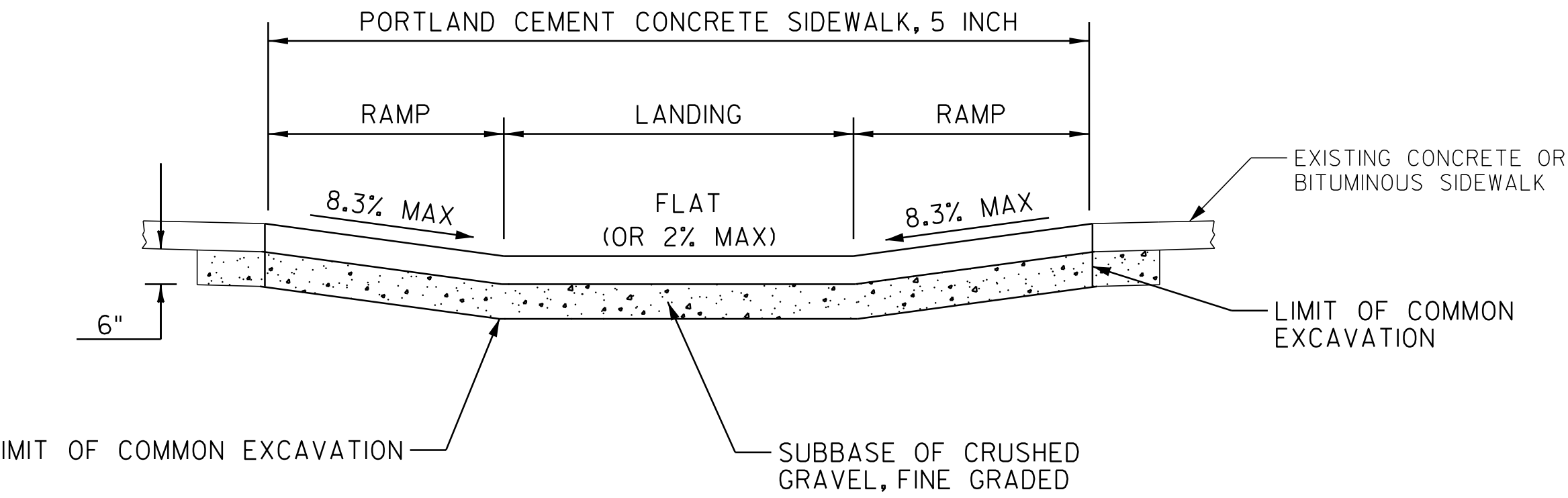
PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.II
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 10 OF 118

NOT TO SCALE

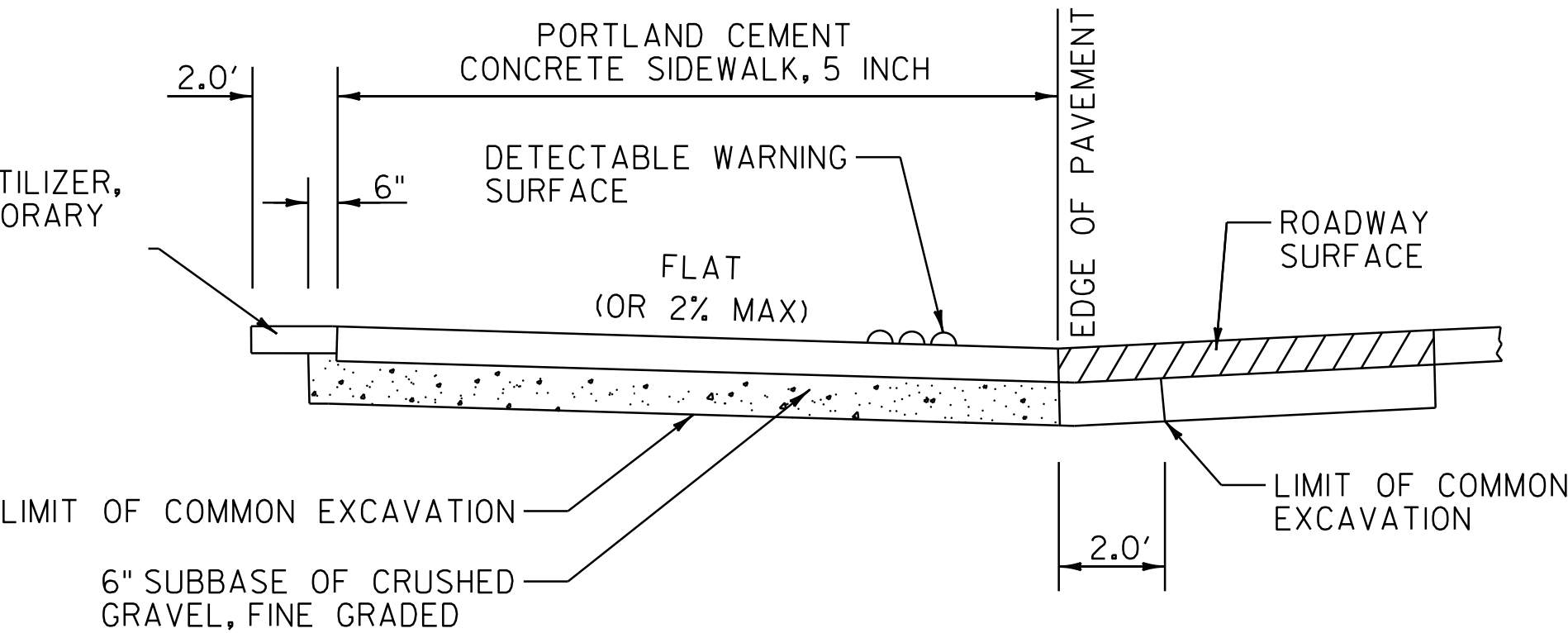


PLAN



SECTION A-A

4" TOPSOIL, SEED, FERTILIZER,
LIMESTONE AND TEMPORARY
EROSION MATTING



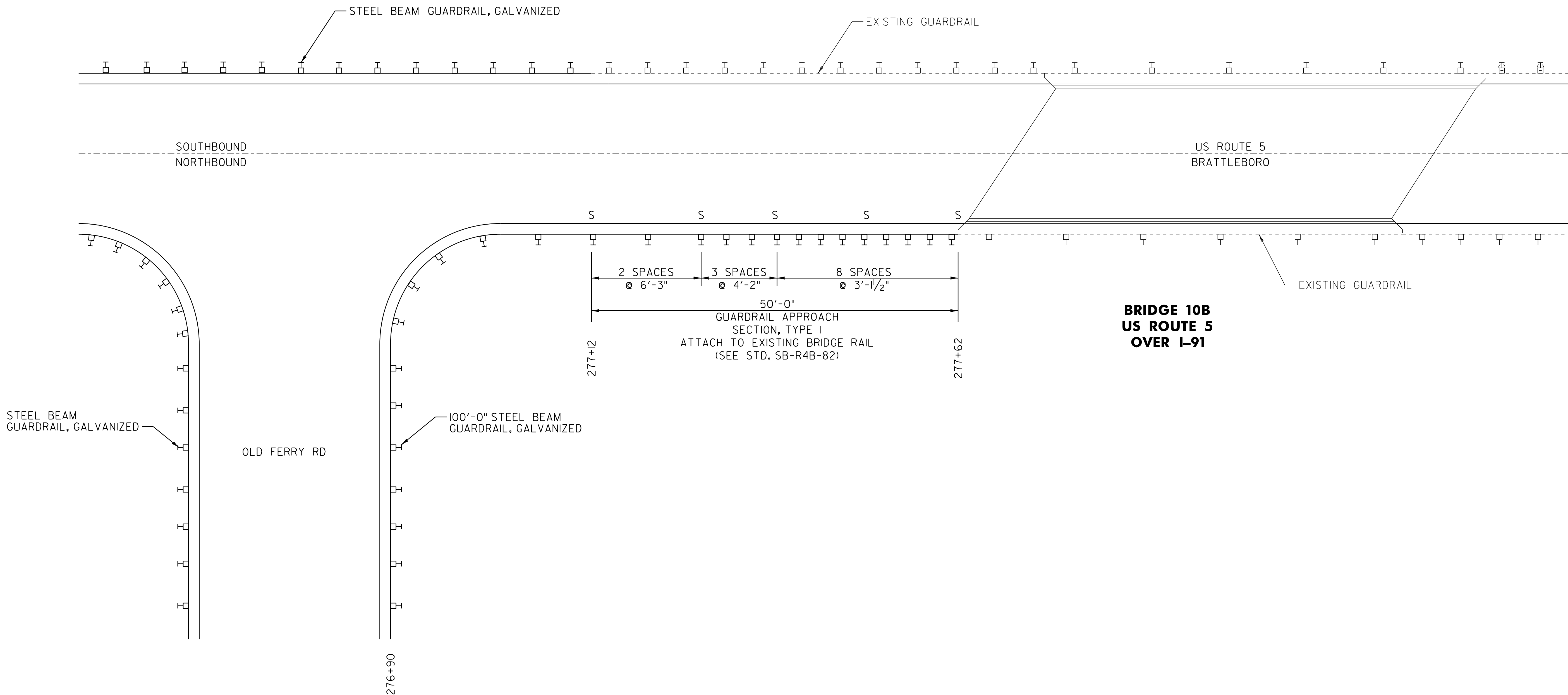
SECTION B-B

SIDEWALK RAMP PAY LIMIT DETAILS

NOTE: THIS DETAIL IS FOR PAY LIMITS ONLY. FOR
INDIVIDUAL RAMP CONFIGURATIONS, SLOPES,
DIMENSIONS, ETC., SEE VTRANS STANDARDS C-3A & C-3B.

SIDEWALK PAY LIMITS SHEET

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.II	SHEET II OF 118



BRIDGE DETAIL SHEET 1

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

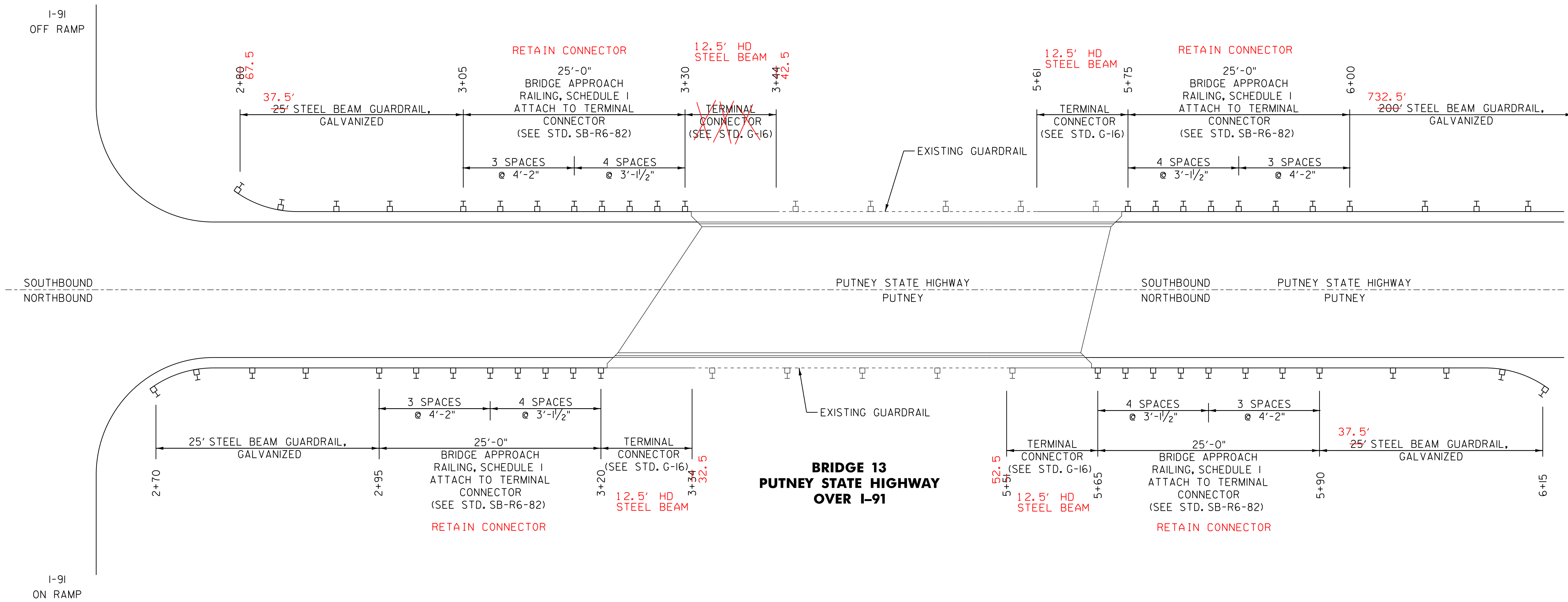
IPARM FILE NAME: 01C032.12

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

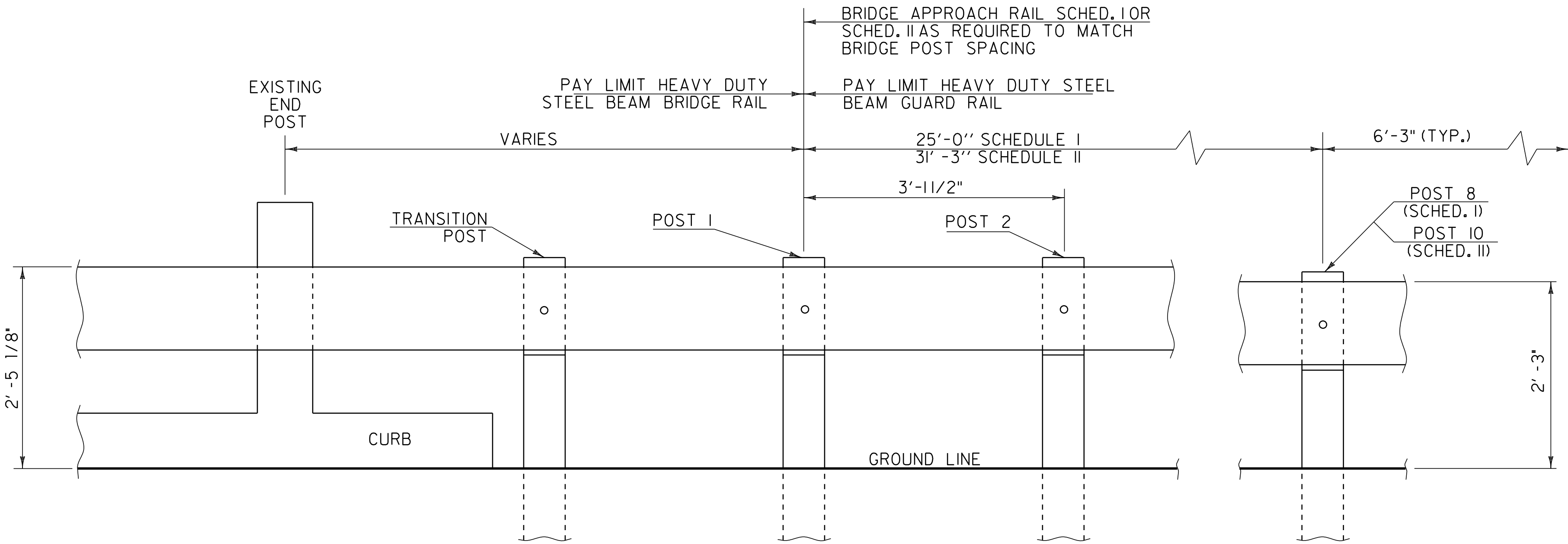
CHECKED BY: NLL/PTS

SHEET 12 OF 118



BRIDGE APPROACH RAILING

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.



BRIDGE APPROACH RAILING

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

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"	1.2 x 12'-6"
7	4'-2"	
8	4'-2"	
9	4'-2"	
10	6'-3"	1.0 (TYP.)
11	(TYP.)	

BRIDGE DETAIL SHEET 2

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(1)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032_13	SHEET 13 OF 118

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES													TOTALS		DESCRIPTIONS			
									ROADWAY	ROADWAY (NO FED/ STATE PART)	BRIDGE	FULL C.E.	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
									6				6		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-
									60				60		CY	COMMON EXCAVATION	203.15	8.8
									120				120		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	6.2
									1300				1300		CY	EARTH BORROW	203.30	-
									180				180		LF	SHOULDER BERM REMOVAL	203.40	3
									1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-
									201500				201500		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	335
									180				180		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	30.7
									2925				2925		TON	AGGREGATE SHOULDERS, RAP	402.13	18
									830				830		CWT	EMULSIFIED ASPHALT	404.65	12
									1				1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-
									25000				25000		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	167
									1				1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-
									1				1		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-
									1				1		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	-
									1				1		LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-
									380				380		LB	REINFORCING STEEL	507.15	5
									35				35		LF	DRILLING AND GROUTING DOWELS	507.16	4.2
											400		400		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	2
									1.5				1.5		CY	REMOVAL OF CONCRETE OR MASONRY	529.25	0.4
									1.5				1.5		CY	CONCRETE, CLASS B	541.25	-
											100		100		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	-
									2				2		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-
									27				27		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
									27				27		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
									26				26		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	-
										30			30		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-
									1				1		EACH	CAST IRON GRATE WITH FRAME, TYPE D	604.47	-
									325				325		HR	POWER GRADER RENTAL	608.15	3
									150				150		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	4
									135				135		HR	POWER BROOM RENTAL, TYPE I	608.30	4
									50				50		HR	POWER BROOM RENTAL, TYPE II	608.31	3
									150				150		HR	TRUCK RENTAL	608.37	4
									150				150		HR	LOADER RENTAL, TYPE I	608.40	4
									750				750		CY	STONE FILL, TYPE I	613.10	5.2
									230				230		CY	STONE FILL, TYPE II	613.11	6
									340				340		LF	GRANITE SLOPE EDGING	616.20	14
									20				20		LF	VERTICAL GRANITE CURB	616.21	2
									2500				2500		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	27
									30				30		LF	REMOVING AND RESETTNG CURB	616.40	4

[illegible]

PROJECT NAME:	BRATTLEBORO-PUTNEY		
PROJECT NUMBER:	STP 2310(I)		
FILE NAME:	/pave/01c032/pc032	PLOT DATE:	02-MAY-2012 17:2
PROJECT LEADER:	PTS	DRAWN BY:	WWG
DESIGNED BY:	NLL	CHECKED BY:	PTS/NLL
IPARM FILE NAME:	OIC032_I4	SHEET	14 OF 118

QUANTITY SHEET 2

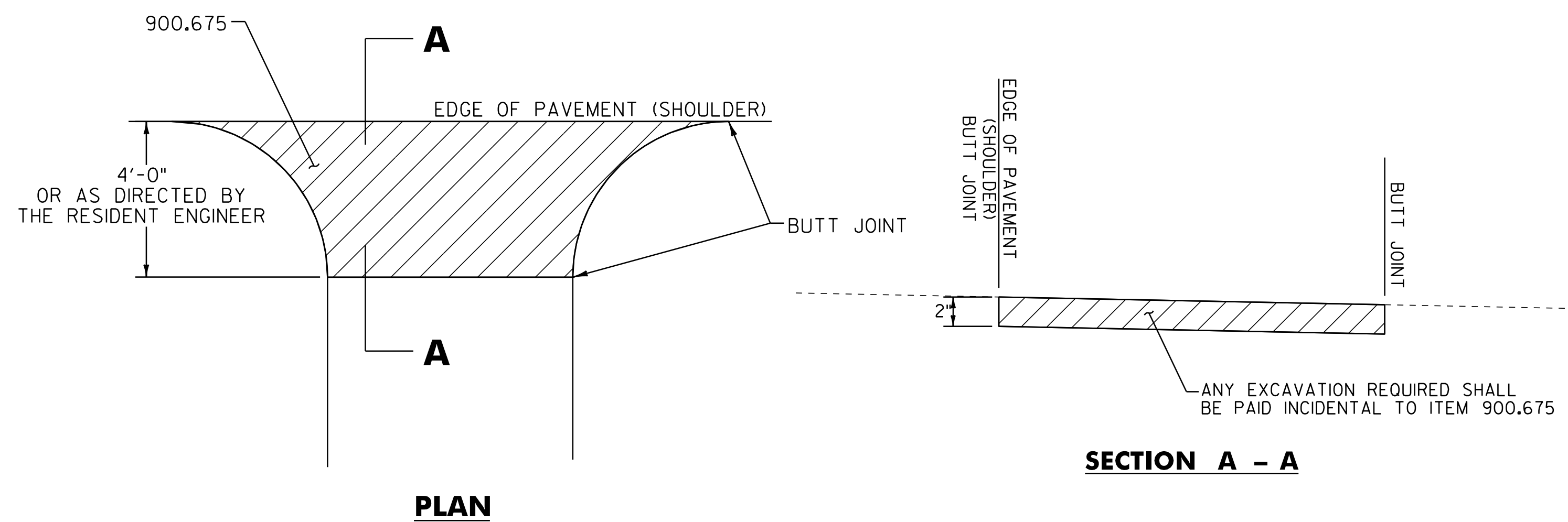
SUMMARY OF ESTIMATED QUANTITIES									TOTALS		DESCRIPTORS				DETAILED SUMMARY OF QUANTITIES						
									ROADWAY	ROADWAY (NO FED/ STATE PART)	BRIDGE	FULL C.E.	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITY	UNIT	ITEMS
									95				95		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	2.8			
									200				200		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	29.5			
									360				360		SF	DETECTABLE WARNING SURFACE	618.30	-			
									50				50		EACH	YIELDING MARKER POSTS	619.17	-			
									12600				12600		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	75			
									325				325		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	4			
									100				100		LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	-			
									30				30		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-			
									4				4		EACH	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	-			
									20				20		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-			
									1				1		EACH	GUARDRAIL APPROACH SECTION, GALVANIZED TYPE I	621.70	-			
									12.5				12.5		LF	REMOVE AND RESET GUARDRAIL	621.75	2.5			
									6				6		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	-			
									15				15		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	-			
									14025				14025		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	16			
									12				12		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-			
										49			49		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-			
									2975				2975		HR	UNIFORMED TRAFFIC OFFICERS	630.10	15			
									11850				11850		HR	FLAGGERS	630.15	10			
												1	1		LS	FIELD OFFICE, ENGINEERS	631.10	-			
												1	1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-			
												1	1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-			
												1	1		LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	-			
									1				1		LS	MOBILIZATION/DEMOBILIZATION	635.11	-			
									1				1		LS	TRAFFIC CONTROL	641.10	-			
									1				1		LS	PUBLIC RELATIONS OFFICER	641.12	-			
									8				8		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
									85200				85200		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	47			
									51000				51000		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	731			
									19300				19300		LF	DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA	646.426	33			
									13560				13560		LF	DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA	646.436	7.5			
									2460				2460		LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	19			
									1800				1800		LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	14			
									60				60		LF	DURABLE 12 INCH WHITE LINE, RECESSED POLYUREA	646.466	2			
									750				750		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	8			
									264				264		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-			
									58				58		EACH	DURABLE LETTER OR SYMBOL, EPOXY PAINT	646.493	-			
									405				405		LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	3			
									170350				170350		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	44			
									100560				100560		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	22			
PROJECT NAME: BRATTLEBORO-PUTNEY PROJECT NUMBER: STP 2310(I) FILE NAME: /pave/01c032/pc032 PLOT DATE: 02-MAY-2012 17:2 PROJECT LEADER: PTS DRAWN BY: WWG DESIGNED BY: NLL CHECKED BY: PTS/NLL IPARM FILE NAME: 01c032_15 SHEET 15 OF 118																					

LOCATION OF DRIVES

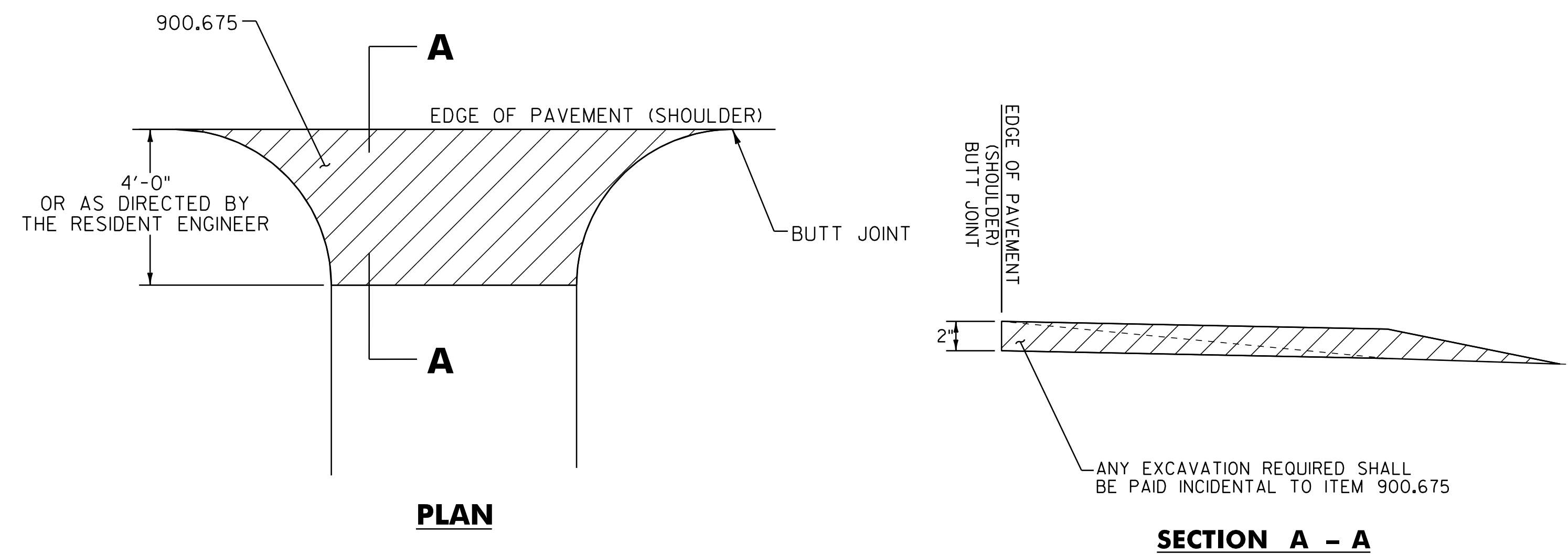
STATION	POSITION	QUANTITY (SY)
BRATTLEBORO		
US 5		
169+28	RT	16.4
175+17	RT	18.7
176+13	LT	96.4
181+76	LT	242.3
187+46	LT	17.8
188+22	RT	33.9
188+79	LT	16.9
193+25	LT	97.7
195+61	RT	31.6
198+95	RT	29.3
199+05	LT	28.0
199+86	RT	17.8
201+36	RT	20.0
202+16	RT	17.8
205+62	RT	73.3
210+19	LT	24.4
211+09	RT	29.8
212+94	RT	66.2
215+99	RT	16.9
216+98	RT	20.0
222+29	RT	28.0
224+15	LT	28.9
224+62	RT	11.6
225+32	RT	11.6
226+16	RT	26.7
227+42	LT	26.7
233+17	RT	34.7
233+99	RT	17.8
235+59	RT	22.7
236+86	RT	26.2
236+89	LT	71.1
237+64	RT	13.3
238+12	RT	13.8
238+84	LT	13.8
240+11	LT	20.0
240+18	LT	14.5
240+82	LT	15.9
241+70	RT	23.1
245+70	LT	30.8
245+71	RT	15.1
248+77	LT	23.6
251+28	LT	11.1
253+05	LT	11.1
255+25	LT	14.7
256+17	LT	11.1
257+25	LT	8.9
257+70	RT	32.0
259+48	LT	17.8
261+25	LT	8.9
261+36	RT	8.9
263+60	LT	17.8
263+98	RT	83.4
268+15	LT	22.7
287+01	LT	24.4
289+11	RT	23.1
SUBTOTAL I		1701.0

STATION	POSITION	QUANTITY (SY)
DUMMERSTON		
US 5		
D 30+25	RT	12.0
D 30+86	RT	16.4
D 32+95	LT	6.7
D 36+87	RT	12.4
D 38+55	LT	4.4
D 40+51	LT	5.3
D 47+45	LT	11.6
D 48+25	LT	7.1
D 49+96	LT	5.8
D 59+29	LT	7.6
D 59+61	LT	5.8
D 75+44	LT	12.9
D 80+56	LT	7.6
D 83+26	RT	5.3
D 83+40	LT	14.2
D 85+15	RT	18.2
D 85+86	LT	6.2
D 86+46	RT	44.4
D 88+73	RT	10.7
D 89+80	LT	38.2
D 92+66	RT	9.3
D 93+20	RT	9.8
D 93+27	LT	3.6
D 96+23	LT	12.9
D 96+35	RT	5.3
D 96+49	RT	5.3
D 96+86	LT	9.8
D 99+50	RT	89.8
D 100+92	LT	7.1
D 101+55	RT	16.0
D 103+03	RT	8.9
D 111+36	LT	18.7
D 116+08	LT	10.2
D 116+63	RT	9.3
D 117+08	RT	5.8
D 118+15	LT	7.1
D 118+59	RT	10.7
D 123+10	RT	154.2
D 126+42	RT	27.1
D 130+36	RT	77.8
D 131+65	RT	7.6
D 138+77	LT	17.8
D 140+00	RT	65.8
D 148+77	RT	8.9
D 155+44	RT	7.6
D 157+88	LT	12.4
D 160+64	LT	7.6
D 160+86	RT	4.4
D 165+31	LT	7.6
D 166+38	RT	9.3
D 175+65	LT	4.4
D 175+70	RT	5.8
D 182+46	LT	7.6
D 190+08	RT	8.9
D 190+81	RT	52.0
D 198+46	RT	24.4
D 200+45	RT	11.1
D 200+95	LT	33.3
D 212+51	LT	8.0
D 215+59	LT	6.2
D 225+35	LT	8.9
D 231+00	LT	8.9
D 233+00	RT	8.4
D 234+18	RT	8.4
D 258+44	RT	4.4
D 267+67	RT	33.3
D 269+59	RT	24.4
SUBTOTAL 2		1158.9

STATION	POSITION	QUANTITY (SY)
PUTNEY		
US 5		
P 1+87	RT	19.1
P 10+25	LT	13.8
P 11+76	LT	16.9
P 12+63	RT	25.3
P 13+68	LT	13.8
P 15+10	RT	47.1
P 15+54	LT	12.9
P 16+33	RT	13.3
P 16+63	LT	20.0
P 17+56	LT	9.8
P 19+37	LT	21.3
P 19+61	RT	12.0
P 20+55	LT	16.4
P 20+55	RT	16.0
P 21+51	RT	8.8
P 22+70	RT	41.9
P 24+07	LT	7.2
P 24+32	LT	5.0
P 24+90	RT	11.0
P 25+35	LT	7.3
P 25+57	RT	9.5
P 25+82	LT	8.2
P 26+48	RT	10.1
P 26+54	LT	7.6
P 27+33	RT	10.7
P 28+74	RT	12.9
P 28+73	LT	9.6
P 30+40	LT	7.8
P 30+50	RT	86.2
P 32+41	LT	18.3
P 33+86	LT	14.3
P 33+97	RT	10.1
P 34+75	RT	17.5
P 37+29	RT	28.4
P 37+99	LT	113.3
P 39+57	LT	18.7
P 40+23	LT	225.3
PUTNEY SH		
US 5		
1 +41	LT	22.7
1 +78	RT	16.9
PSH APPROACH		
US 5		
0+12	RT	8.9
0+49	RT	18.6
2+23	RT	28.5
SUBTOTAL 1		1701.0
SUBTOTAL 2		1158.9
SUBTOTAL 3		1043.0
ROUNDING		47.1
TOTAL		3950.0



HANDWORK DETAILS FOR PAVED DRIVES



HANDWORK DETAILS FOR GRAVEL DRIVES

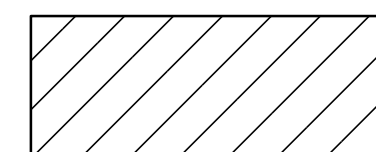
NOTES:

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 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.

LEGEND



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

HAND WORK DETAIL SHEET	
PROJECT NAME:	BRATTLEBORO-PUTNEY
PROJECT NUMBER:	STP 2310(I)
FILE NAME: /pave/0lc032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: OIC032_I7	SHEET 17 OF 118

LOCATION			CURB AND SIDEWALKS							DROP INLETS				GUARDRAIL										NON-PART			REMARKS	
STATION	STATION	POS.	203.15 COMMON EXCAV.	301.28 SUBBASE OF CRUSHED GRAV. FINE	616.21 VERTICAL GRANITE CURB	616.305 BIT. CONCRETE CURB TYPE A	616.40 REMOVING AND RESETTING CURB	618.10 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	618.30 DETECTABLE WARNING SURFACE (DWS)	604.40 CHANGING ELEVATION OF D1, CB, OR MH	604.412 REHAB. D1, CB, OR MH CLASS I	604.415 REHAB. D1, CB, OR MH CLASS II	604.418 REHAB. D1, CB, OR MH CLASS III	621.20 STEEL BEAM GUARDRAIL GALV.	621.205 STEEL BEAM GUARDRAIL GALV. W/8 FT POSTS	621.21 H.D. STEEL BEAM GUARDRAIL, GALV.	621.50 MTS, FLARED	621.53 TERMINAL CONNECTOR FOR STEEL GUARDRAIL	621.60 ANCHOR FOR STEEL BEAM RAIL	621.70 GUARDRAIL APPROACH SECTION, GALV. TYPE I	621.75 REMOVE & RESET GUARDRAIL	621.80 REMOVE & DISP. G.R.	621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS	676.10 DELIN. W/STEEL POST	604.42 CHANGE ELEVATION OF SEWER MANHOLES	629.20 ADJUST ELEVATION OF VALVE BOX		
			(CY)	(TON)	(LF)	(LF)	(LF)	(SY)	(SF)	(EA)	(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	(EA)	(LF)	(EA)	(EA)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)		
BRATTLEBORO																												
157+87	289+82.0	LT/RT								2	18	18	17												25	38	FOR LOCATIONS SEE LAYOUT SHEETS, ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER LANDING	
164+98.0	165+04.0	LT	0.61 +0	+1				2.81 3.3	8.0 +0.0																			
165+30.0	165+35.0	LT	0.44 -0.7	-0.7				2.2	8.0 +0.0																		LANDING	
169+57.0	170+07.0	RT																										
169+57.0	170+07.0	RT												52.0									50.0				ANCHOR @ 169+57.0, ATTACH NEW GUARDRAIL TO EXISTING BRIDGE APPROACH RAIL	
169+92.5	170+05.0	LT																			12.5						ADJUST GUARDRAIL, BLOCKOUTS AND BACK-UP PLATE FOR PROPER CONNECTION TO THE ALUMINUM APPROACH RAIL	
174+08.0	174+83.0	RT																										
174+08.0	174+83.0	RT												77.0													ANCHOR @ 174+83.0, ATTACH NEW GUARDRAIL TO EXISTING BRIDGE APPROACH RAIL	
174+08.0	174+58.0	LT																										
174+08.0	174+58.0	LT												52.0													ANCHOR @ 174+58.0, ATTACH NEW GUARDRAIL TO EXISTING BRIDGE APPROACH RAIL	
174+85.0	174+90.0	LT	1.50 -0.8	-0.9				5.42 -2.8	8.0 +0.0																		LANDING	
181+64.0	181+79.0	LT		9.1 7.17																								
182+07.0	183+12.0	LT		69.8																								
183+51.0	183+73.0	LT		14.3																								
189+20.0	191+95.0	LT				200.0 -224.0								256.5	-294.0					2			9.0	2			57.5 20.0	
208+20.0	208+36.0	RT	1.75 -2.3	2.5			15.17 -8.0	10.58 -8.9	8.0 +0.0																		ANCHOR @ 189+20.0, ANCHOR @ 191+95.0, SEE POST SPACING DETAIL ON SHEET 6, CURB 189+40 TO 191+64 RAMP TYPE 6	
213+01.0	213+14.0	LT	0.5 -5.7	6.3				2.94 +8.8	8.0 +0.0																		LANDING	
213+49.0	213+56.0	LT	0.83 +7	+8				4.43 5.4	8.0 +0.0																		LANDING	
219+18.0	219+24.0	LT	0.60 +0	+1					8.0 +0.0																		LANDING	
219+76.0	219+82.0	LT	0.53 +0	+1					8.0 +0.0																		LANDING	
241+98.0	242+07.0	LT/RT	1.65 2.4					8.65 -8.0	24.0 20.0																		MEDIAN ISLAND	
242+02.0	242+05.0	LT	0.5 -0.53	-0.6				2.36 -1.7	8.0 +0.0																		LANDING	
242+02.0	242+05.0	RT	0.8 -0.59	0.9					8.0 +0.0																		LANDING	
244+79.0	244+84.0	LT	0.59 -0.8	0.9					8.0 +0.0																		LANDING	
244+81.0	244+90.0	LT/RT	1.90 -2.8	3.0					24.0 20.0																		MEDIAN ISLAND	
244+82.0	244+87.0	RT	0.42 -0.8	0.9					1.8 -2.8	8.0 +0.0																	LANDING	
273+45.0	276+51.0	RT																										
273+45.0	276+51.0	RT												327.0													ANCHOR @ 273+45	
275+04.0	277+04.5	LT												202.0 +89.5														
275+04.5	276+92.0	LT														12.5											ANCHOR @ 275+04.5	
276+90.0	277+63.0	RT												100.0 -89.5														
276+89.0	277+12.0	RT																									SEE BRIDGE DETAIL ON SHEET 12	
281+00.0	286+65.0	LT																										
281+00.0	286+61.5	LT												602.0 -563.5													ANCHOR @ 286+61.5 99.0	
281+17.0	286+17.0	RT																										
281+17.0	286+17.0	RT												539.5 502.0													ANCHOR @ 286+17.0 55.0	
																											ITEM DETAIL SUMMARY SHEET 1	
	SUBTOTAL		22.3	117.7	0.0	224.0	8.0	75.1	160.0	2	18	18	17	1852.5	294.0	0.0	0	0.0	9	1	12.5	1903.0	9.0	9.0	25	38		PROJECT NAME: BRATTLEBORO-PUTNEY
																												PROJECT NUMBER: STP 2310(1)
																											FILE NAME: /pave/01c032/pc032 PROJECT LEADER: PTS DESIGNED BY: NLL IPARM FILE NAME: 01C032.18	
																											PLOT DATE: 02-MAY-2012 17:2 DRAWN BY: WWG CHECKED BY: NLL/PTS SHEET 18 OF 118	

[illegible]

[illegible]

LOCATION				FEET OF DITCHING			MISC. ITEMS				REMARKS	LOCATION				FEET OF DITCHING			MISC. ITEMS				REMARKS	
SITE	STATION	STATION	POS.	PERCENT GRADE			653.20 TEMP. EROS. MATT.	613.10 STONE FILL TYP. I	613.11 STONE FILL TYP. II	649.31 GEOT. UNDER STONE FILL		SITE	STATION	STATION	POS.	PERCENT GRADE			653.20 TEMP. EROS. MATT.	613.10 STONE FILL TYP. I	613.11 STONE FILL TYP. II	649.31 GEOT. UNDER STONE FILL		
				0-1	1-2.5	2.5-10										0-1	1-2.5	2.5-10						
BRATTLEBORO				LF	LF	LF	SY	CY	CY	SY					LF	LF	LF	SY	CY	CY	SY			
US ROUTE 5																								
I	180+08		LT			8		1.2		5.3	6' X 8' GUTTER	31	216+35	217+00	LT	65								
2	180+25	185+83	RT			558	248.0		124	372		32	210+30	212+40	LT	210								
3	185+83	187+25	RT		142		63.1					33	220+90	223+75	LT		285		126.7					
3	196+00		LT			15		1.7		10.0	6' X 15 GUTTER	34	220+93	221+88	RT	95								
4	264+03	267+76	LT			373		41.4		248.7		35	223+76	225+12	LT		136		60.4					
5	264+88	271+67	RT		679		301.8					36	226+37	230+77	LT		440		195.6					
6	276+00	276+20	RT			27		5.0		18.0	6' X 27' GUTTER	37	243+30	244+45	LT	115								
7	276+55		LT			17		3.8		11.3	6' X 17' GUTTER	38	243+30	245+30	RT	200								
BRATTLEBORO SUBTOTAL					821	998	612.9	53.1	124	665.3		39	252+10	258+10	LT			600		66.7		400.0		
	DUMMERSTON											40	254+35	258+35	RT	400								
	US ROUTE 5											41	263+80	274+30	LT			1050		116.7		700.0		
8	5+95	9+10	RT	315								42	266+67	266+77	RT	10								
9	30+05		LT			14		1.0		9.3	6' X 14' GUTTER	43	277+76	279+31	LT			155		17.2		103.3		
10	31+55		RT			8		1.2		5.3	4' X 8' GUTTER	DUMMERSTON SUBTOTAL				2278	1636	6208	727.1	691.7	0	4145		
11	79+25	79+31	RT			6		0.7		4.0														
12	80+28		LT			6		1.1		10.0	6' X 15' GUTTER													
13	101+73	102+93	RT		120		53.3					PUTNEY												
14	103+22	105+07	RT		185		82.2					44	0+00	1+03	LT		103		45.8				5%	
15	107+02	111+07	RT			405		45.0		270.0	11.5%	45	0+00	1+65	RT		165		73.3					
16	110+67	111+12	LT			45		5.0		30.0	19% HAS STONE	PUTNEY SUBTOTAL				0	268	0	119.1	0	0	0		
17	146+65	147+55	LT			90		10.0		60.0	8%													
18	149+80	157+70	LT			790		87.8		526.7		EROSION REPAIR									100	300		
19	158+20	160+70	RT			250		27.8		166.7		ITEM 621.50 MTS, FLARED							750					
20	158+95	160+51	LT			156		17.3		104.0		ITEM 621.60 ANCHOR FOR STEEL BEAM RAIL							500					
21	160+80	165+15	LT	435																				
22	166+05		RT			20		3.0		13.3	6' X 20' GUTTER													
23	169+00	171+70	LT		270		120.0																	
24	178+05	182+38	LT	433																				
25	182+80	189+98	RT			718		79.8		478.7														
26	184+11	191+60	LT			749		83.2		499.3														
27	200+57	205+85	RT			528		58.7		352.0	6.5%													
28	201+80	207+76	LT			596		66.2		397.3	7%	PROJECT SUBTOTALS							2709.1	744.8	224	5110.0		
29	207+76	209+76	LT		200		88.9					ROUNDINGS							40.9	5.2	6	90.0		
30	209+94		RT			22		3.3		14.7	6' X 22' GUTTER	PROJECT TOTALS							2750	750.0	230	5200		

SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

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

NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER ITEM 651.18: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

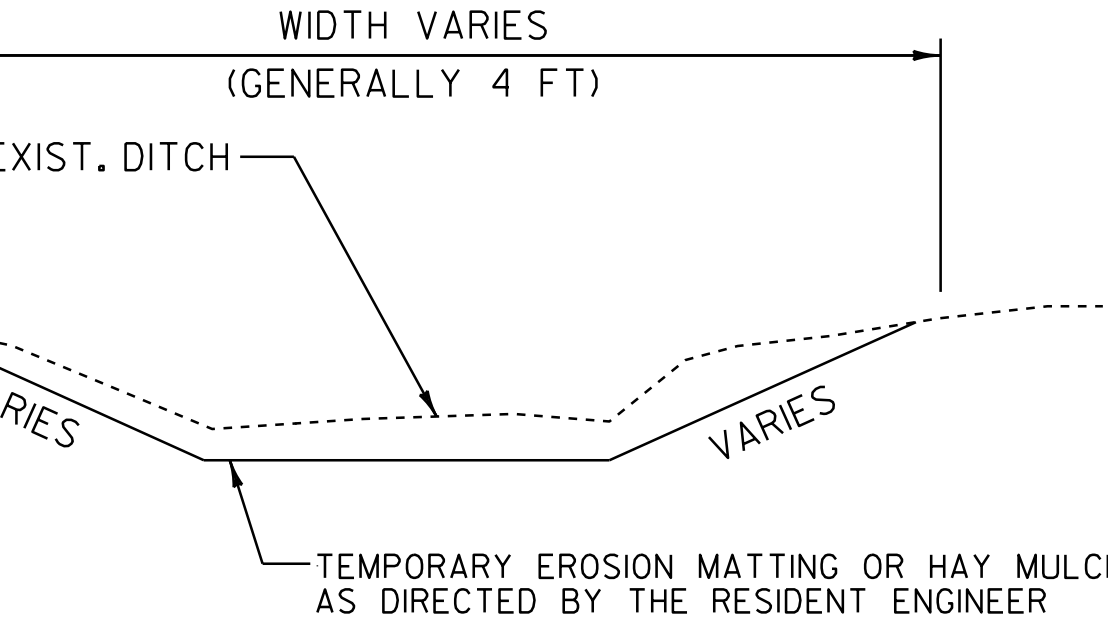
AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

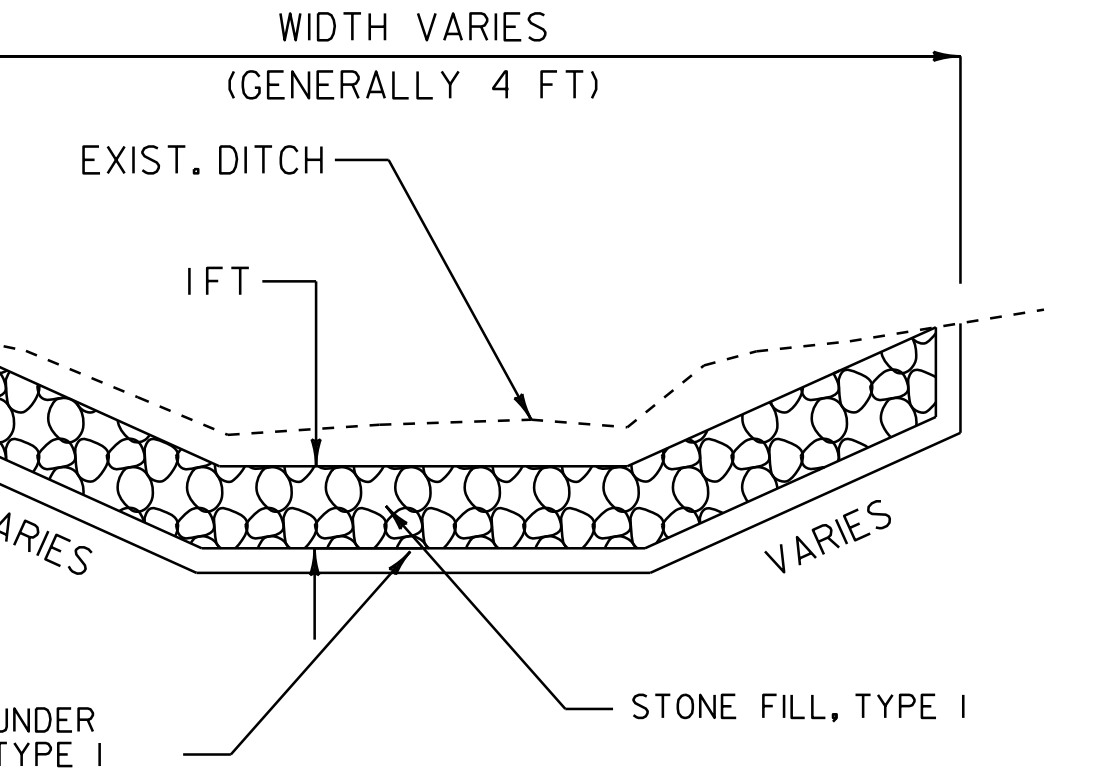
TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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.

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).



DITCH DETAIL < 2.5 PERCENT NOT TO SCALE



DITCH DETAIL > 2.5 PERCENT NOT TO SCALE

DITCH CLEANING SHEET

PROJECT NAME:	BRATTLEBORO-PUTNEY
PROJECT NUMBER:	STP 2310(1)
FILE NAME:	/pave/01c032/pc032
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	01C032.21
PLOT DATE:	02-MAY-2012 17:2
DRAWN BY:	WWG
CHECKED BY:	NLL/PTS
SHEET	21 OF 118

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 64" YELLOW LINE, THERMOPLASTIC
158+01 TO 161+50 SOLID LT & RT

BITUMINOUS CONCRETE GUTTERS
AND TRAFFIC ISLANDS
159+53 TO 161+50 RT

REMOVING SIGNS
AS SHOWN - 2

RECESSED POLYUREA

Diagram illustrating a B-B interchange (Bypass-Bypass) configuration. The mainline road is labeled "157+94 LT".

The interchange consists of two main sections:

- Left Section:** A ramp labeled "STATE HIGHWAY BEGINS" exits the mainline (labeled "RET") and turns left to merge back into the mainline (labeled "RET").
- Right Section:** A ramp labeled "THROUGH WAY ENDS HERE" exits the mainline (labeled "RET") and turns right to merge back into the mainline (labeled "RET").

The interchange is labeled "B-B" in the center, indicating a Bypass-Bypass configuration.

WSO

157+94 LT

STATE HIGHWAY BEGINS RET

THROUGH WAY ENDS HERE RET

EXIST. ASPH-
CURB

160+80 LT



**SPEED
ZONE
AHEAD**

* RETURN TO TOWN

161+50
(MM 3.059)

MATCH LINE SEE NEXT SHEET

SOUTHBOUND

NORTHBOUND

156+86 RT

**DOG
WASTE
WARNING** RET

RET

EXIST.
PAVED
DRIVE

157+64 RT

SCHOOL BUS STOP AHEAD

RET

A diagram of a highway interchange. At the top, a horizontal line represents the main road with the text "157+97 RT" above it. Below this line, a vertical road branches off to the left. On the vertical road, there are three signs: a "SPEED LIMIT 30" sign, a "THROUGH WAY BEGINS HERE" sign, and a "0050 1302 0297" sign. On the horizontal road, there is a "STATE HIGHWAY ENDS" sign. A curved arrow labeled "B-B" indicates a turn from the horizontal road onto the vertical road. The text "RET" appears multiple times, indicating return paths or directions.

NOTE:
SIGNS PRIOR TO 158+00 WILL
BE MODIFIED AS NECESSARY
UNDER BRATTLEBORO STP 2623(I).

50
— 159+63 TO 161+50 RT
REPAVE. EXIST. PAVED GUTTER
3' X 187'

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 US 5

PROJECT NAME:	BRATTLEBORO-PUTNEY
PROJECT NUMBER:	STP 2310(1)

FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: OIC032-22	SHEET 22 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6" WHITE LINE, THERMOPLASTIC RECESSED POLYUREA
161+50 TO 164+77 SOLID LT
161+50 TO 165+20 SOLID RT
165+20 TO 165+45 SOLID RT (TH 355)
165+59 TO 167+00 SOLID LT
165+67 TO 165+71 SOLID RT (TH 355)
165+71 TO 167+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6" YELLOW LINE, THERMOPLASTIC RECESSED POLYUREA
161+50 TO 164+95 SOLID LT & RT
165+55 DOUBLE SOLID RT (TH 355)
165+74 TO 167+00 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
PAINTED DURABLE 24" STOP BAR, THERMOPLASTIC
165+05 TO 165+18 LT (TH 350)
165+55 TO 165+66 RT (TH 355)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
165+11 LT - STOP (TH 350)
165+60 RT - STOP (TH 355)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING, THERMOPLASTIC
165+06 TO 165+28 LT

DETECTABLE WARNING
SURFACE (DWS)
165+04 LT
165+30 LT

PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH
164+98 TO 165+04 LT (CONCRETE LANDING)
165+30 TO 165+35 LT (CONCRETE LANDING)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
163+28 RT (DI)
164+87 RT (CB)
164+95 LT (CB)
166+98 RT (DI) CHANGED ELEVATION
OF DI (SEE NOTE BELOW)

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
165+11 LT (TH 350)
165+14 LT (TH 350) (BEYOND LIMITS)
165+45 LT
165+48 LT

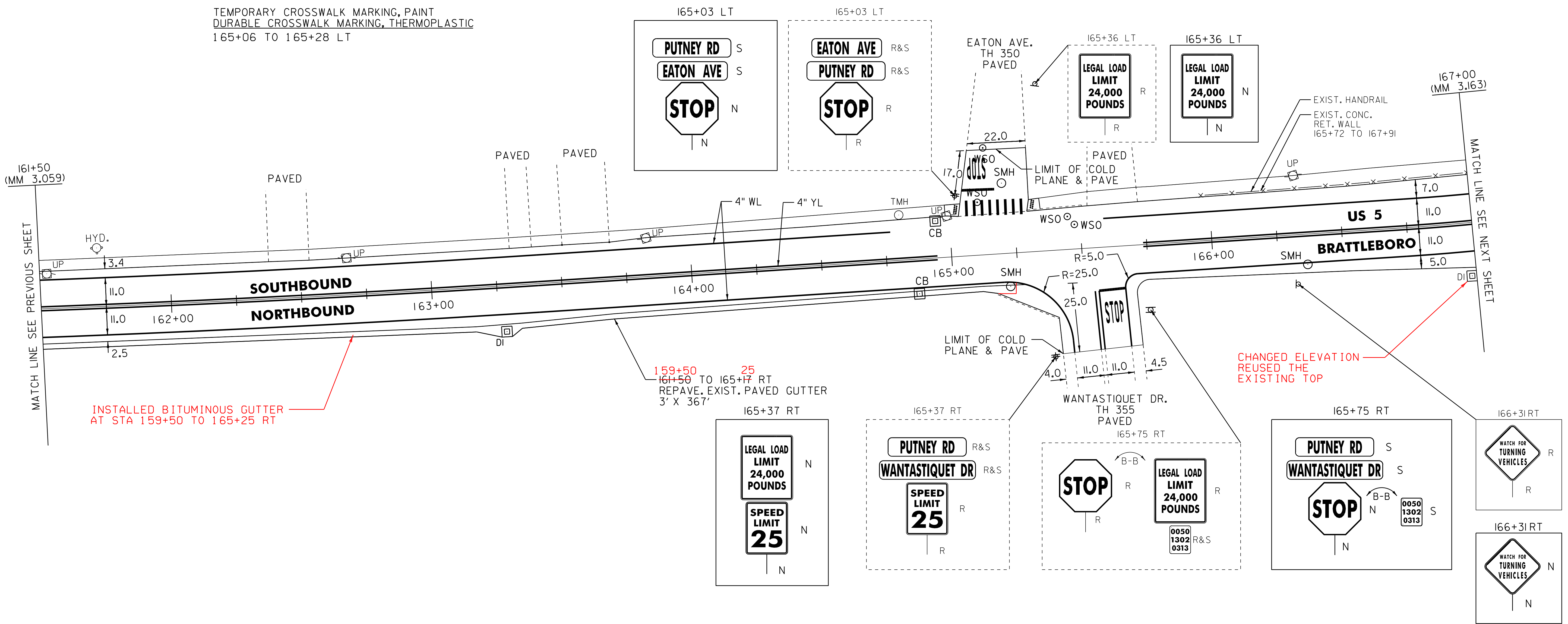
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
165+22 LT (TH 350)
165+22 RT
166+36 RT

~~THINNING AND TRIMMING FOR SIGNS
(SEE DETAIL ON SHEET 6)
165+36 LT (TH 350)~~

BITUMINOUS CONCRETE GUTTERS
AND TRAFFIC ISLANDS
~~161+50 TO 165+17 RT
159+50 25~~

REMOVING SIGNS
AS SHOWN - 11

ERECTING SALVAGED 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
 - S---S = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 2 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: OIC032.23

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 23 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
167+00 TO 172+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
167+00 TO 172+50 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
167+03 LT (CB)
168+53 LT (CB)
170+02 LT (CB)

REMOVAL AND DISPOSAL OF GUARDRAIL
169+57 TO 170+07 RT

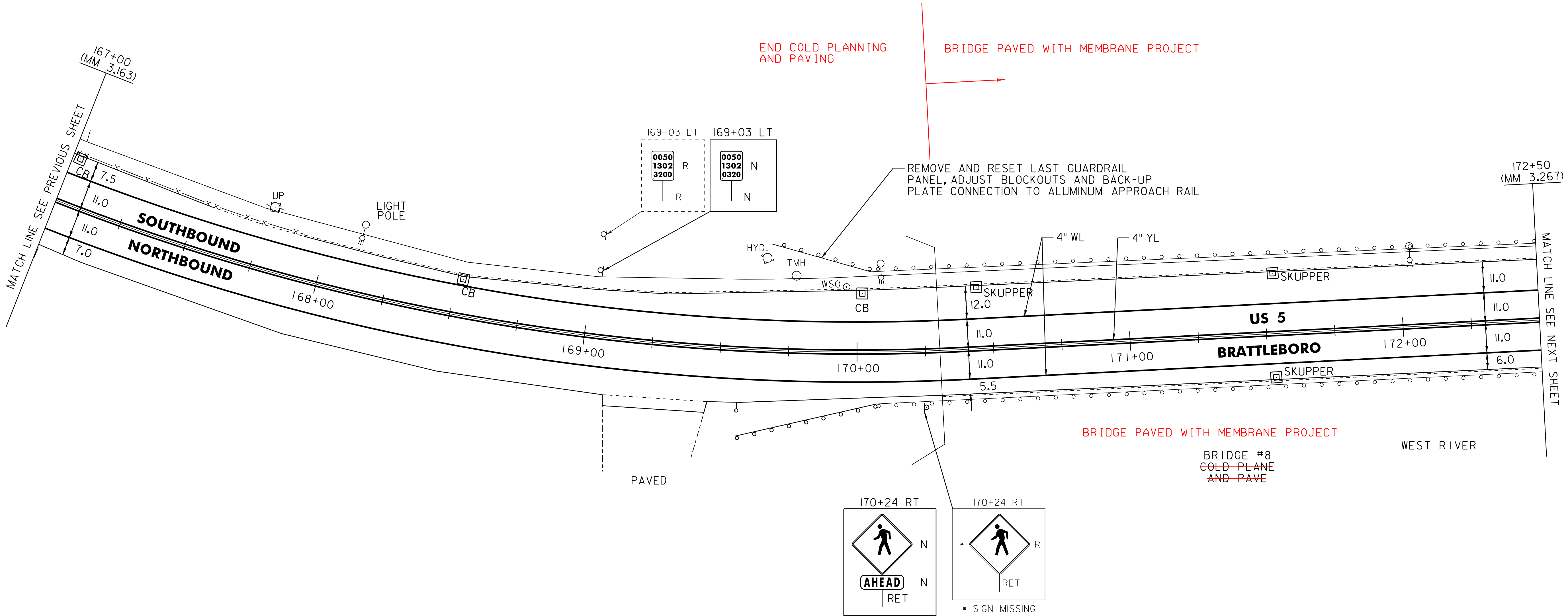
STEEL BEAM GUARDRAIL, GALVANIZED
169+57 TO 170+07 RT

ANCHOR FOR STEEL BEAM RAIL
169+57 RT

~~DELINEATOR WITH STEEL POST~~
~~169+57 RT~~

REMOVE AND RESET GUARDRAIL
169+92.5 TO 170+05 LT

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 3 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.24

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 24 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6" WHITE LINE, THERMOPLASTIC
172+50 TO 178+00 SOLID LT & RT

RECESSED POLYUREA

PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH
174+85 TO 174+90 LT (LANDING)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6" YELLOW LINE, THERMOPLASTIC
172+50 TO 178+00 SOLID LT & RT

RECESSED POLYUREA

DETECTABLE WARNING
SURFACE (DWS)
174+90 LT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
174+53 LT (CB)

REMOVING SIGNS
AS SHOWN - 3

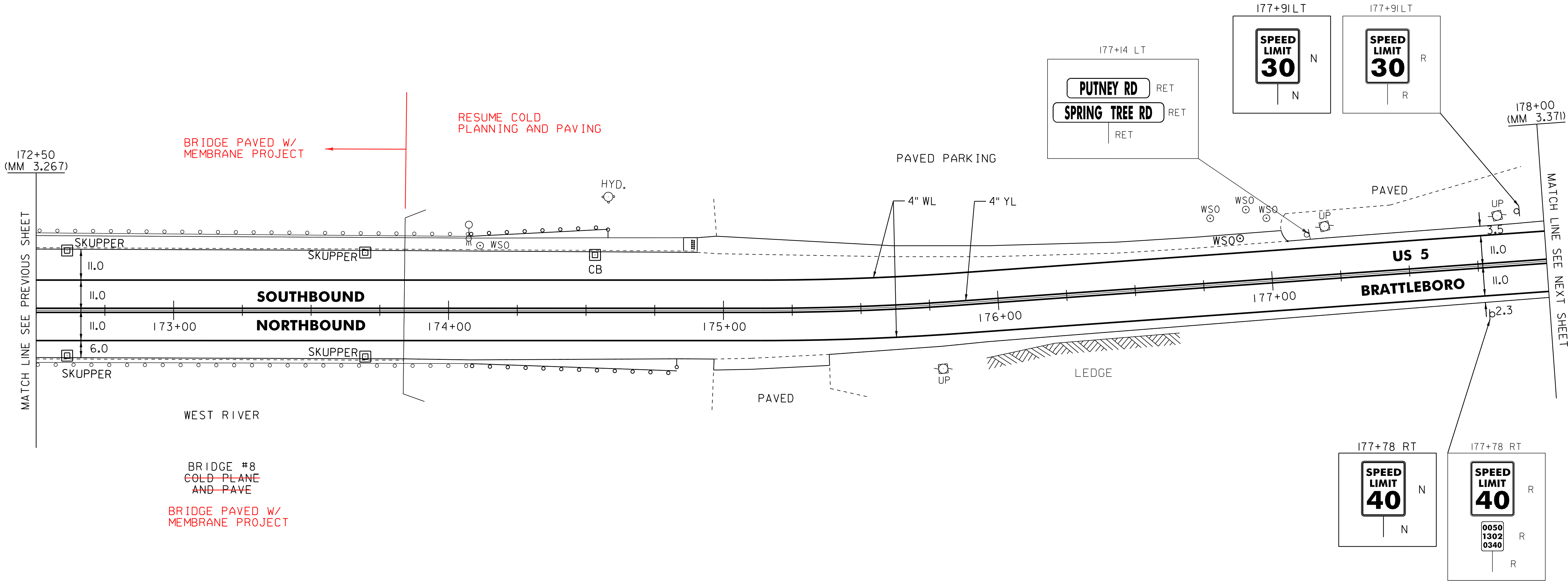
ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
176+89 LT (BEYOND LIMITS)

REMOVAL AND DISPOSAL OF GUARDRAIL
174+08 TO 174+58 LT
174+08 TO 174+83 RT

STEEL BEAM GUARDRAIL, GALVANIZED
174+08 TO 174+58 LT
174+08 TO 174+83 RT

ANCHOR FOR STEEL BEAM RAIL
174+58 LT
174+83 RT

DELINEATOR WITH STEEL POST
174+58 LT
174+83 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 4 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.25

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 25 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE ~~64"~~ WHITE LINE, THERMOPLASTIC
178+00 TO 183+75 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE ~~64"~~ YELLOW LINE, THERMOPLASTIC
178+00 TO 183+75 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
181+24 LT (DI)
182+65 LT (CB)

CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES
(TO BE ADJUSTED BY OWNER)
181+06 LT (TMH)

BITUMINOUS CONCRETE GUTTERS
AND TRAFFIC ISLANDS
179+34 TO 180+25 RT
181+19 TO 181+65 LT

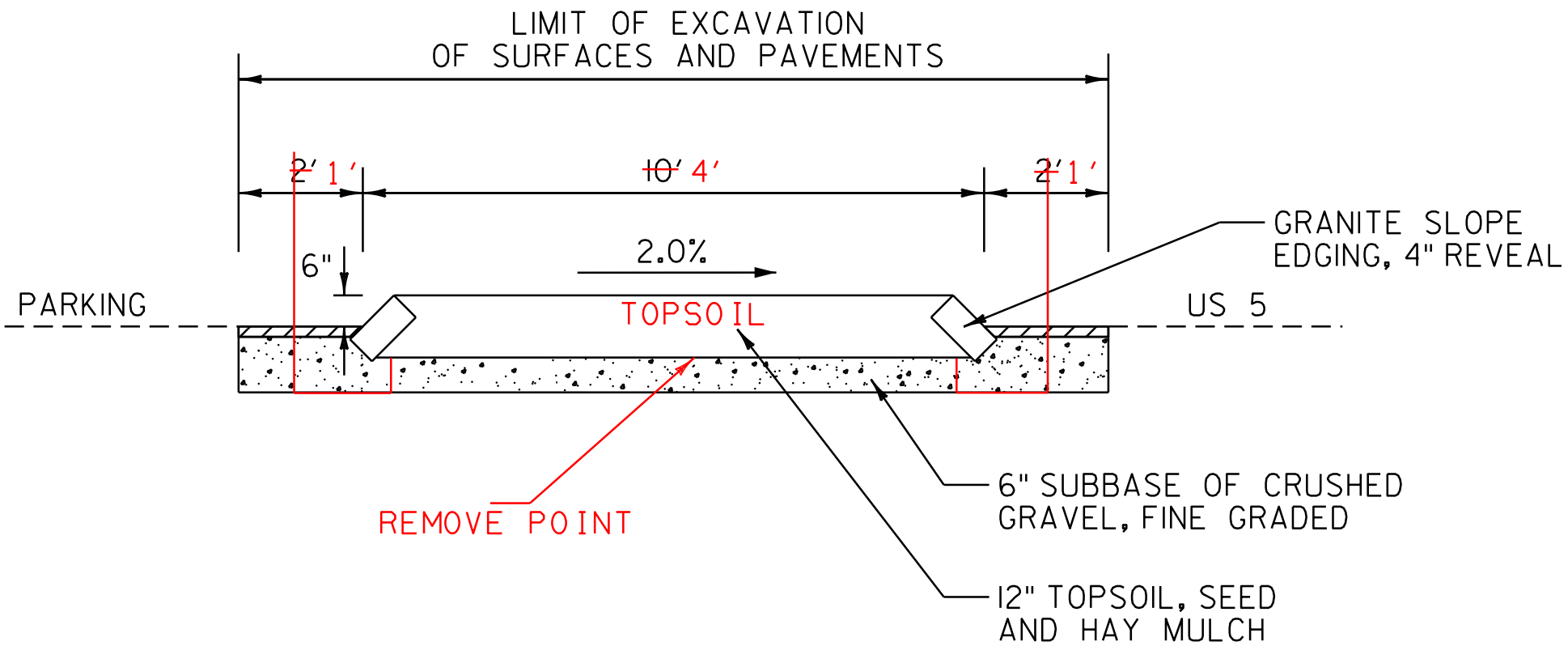
GRANITE SLOPE EDGING
~~181+64 TO 181+79 LT~~
~~182+07 TO 183+12 LT~~
~~183+51 TO 183+73 LT~~
185+25 TO 183+17 LT

~~STONE FILL, TYPE I~~
~~180+08 LT~~

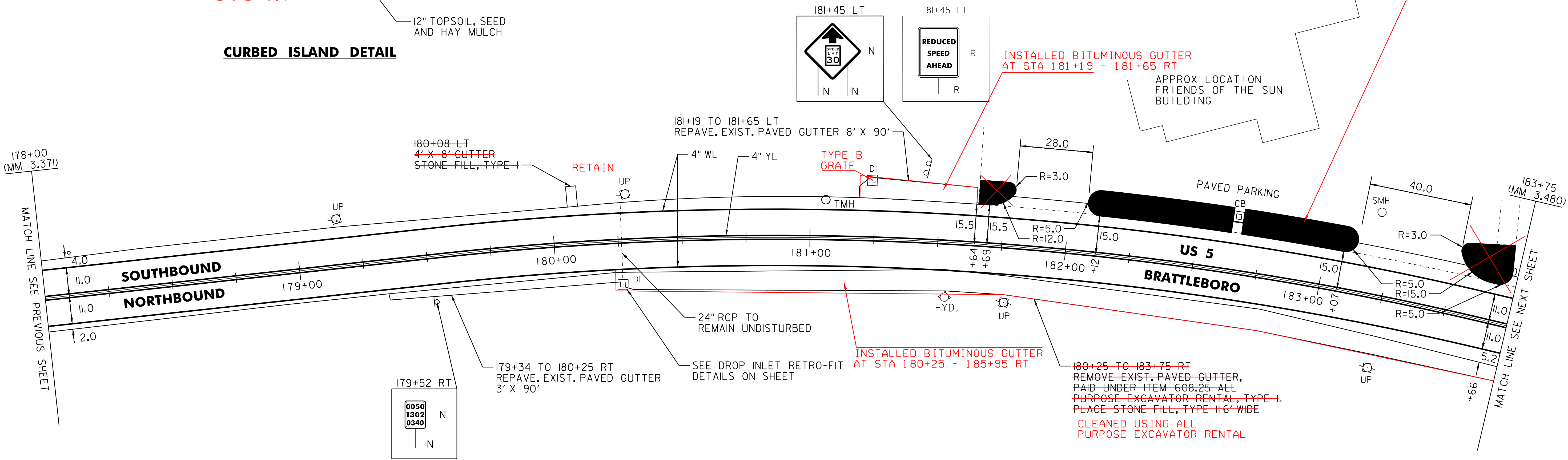
~~STONE FILL, TYPE II~~
~~180+25 TO 183+75 RT~~

REMOVING SIGNS
AS SHOWN - 1

~~BITUMINOUS CONCRETE GUTTER~~
~~AND TRAFFIC ISLAND~~
~~180+25 TO 183+75 RT~~



CURBED ISLAND DETAIL



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
- o = DELINEATOR

ROADWAY LAYOUT 5 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY		PLOT DATE: 02-MAY-2012 17:2	
PROJECT NUMBER: STP 2310(I)		DRAWN BY: WWG	
FILE NAME: /pave/01c032/pc032		CHECKED BY: NLL/PTS	
PROJECT LEADER: PTS		SHEET 26 OF 118	
DESIGNED BY: NLL			
IPARM FILE NAME: 01C032_26			

NOT TO SCALE

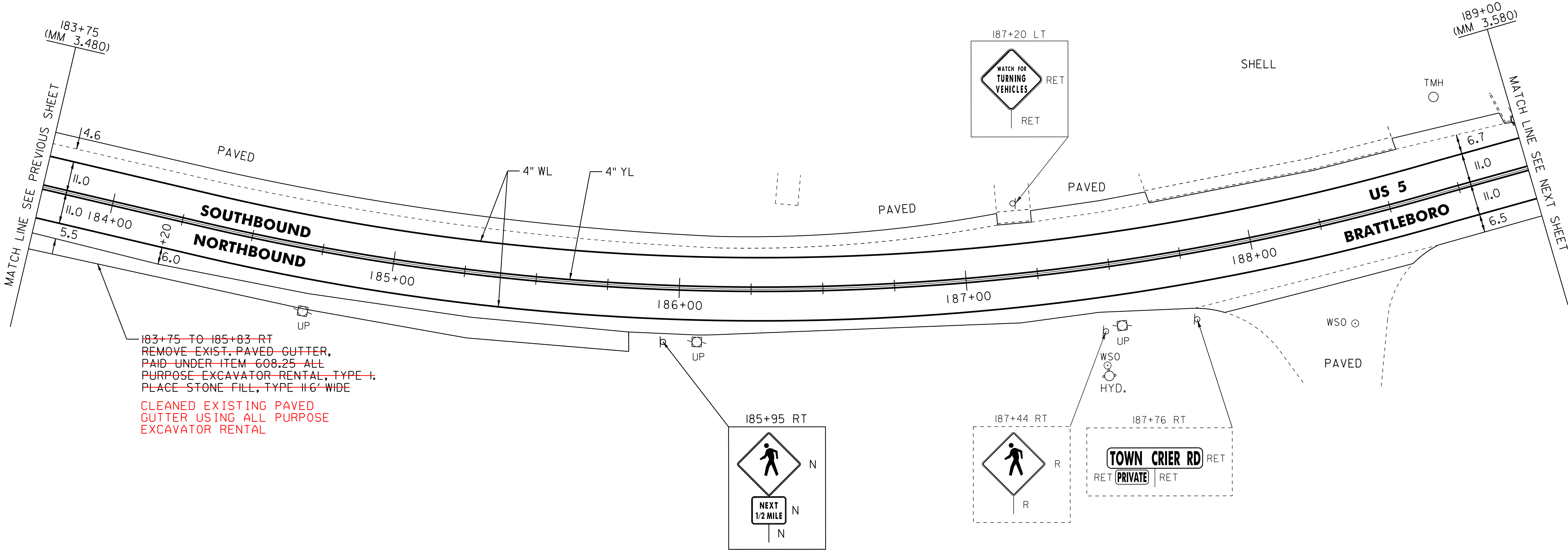
TEMPORARY 4" WHITE LINE, PAINT
DURABLE ~~64"~~ WHITE LINE, THERMOPLASTIC
183+75 TO 189+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE ~~64"~~ YELLOW LINE, THERMOPLASTIC
183+75 TO 189+00 SOLID LT & RT

~~STONE FILL, TYPE II~~
~~183+75 TO 185+83 RT~~

REMOVING SIGNS
AS SHOWN - 1

~~BITUMINOUS CONCRETE GUTTER
AND TRAFFIC ISLAND
183+75 TO 185+83 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 6 US 5	
PROJECT NAME:	BRATTLEBORO-PUTNEY
PROJECT NUMBER:	STP 2310(I)
FILE NAME:	/pave/01c032/pc032
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	OIC032.27
PLOT DATE:	02-MAY-2012 17:2
DRAWN BY:	WWG
CHECKED BY:	NLL/PTS
SHEET	27 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
194+00 TO 199+50 SOLID LT & RT (BIKE LANE)
196+89 TO 199+50 SOLID LT
198+62 TO 199+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
194+00 TO 199+50 SOLID LT & RT

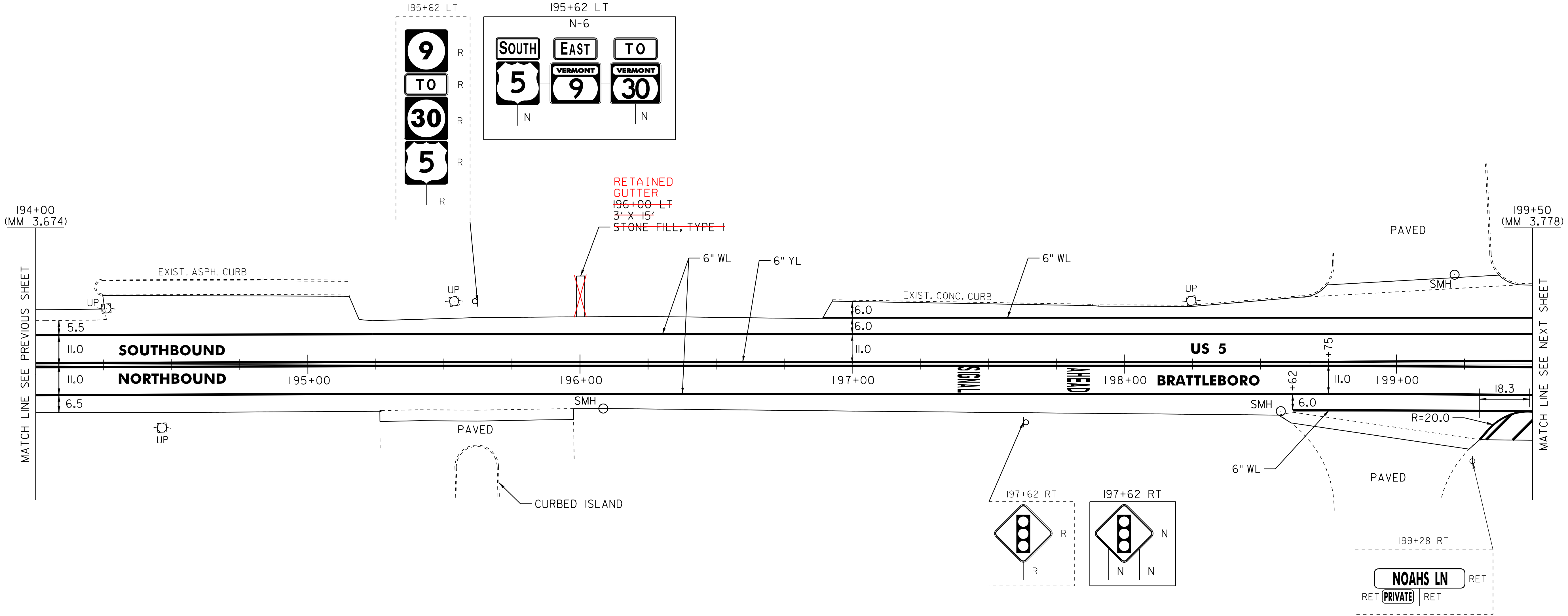
DURABLE 8" WHITE LINE, THERMOPLASTIC
199+31 TO 199+50 SOLID RT (DIAGONALS)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
197+42 RT - SIGNAL
197+82 RT - AHEAD

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
196+09 RT
198+57 RT
199+21 LT

~~STONE FILL, TYPE I~~
~~196+00 LT~~

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 8 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.29

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 29 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
199+50 TO 204+50 SOLID LT (BIKE LANE)
199+50 TO 204+50 SOLID LT
199+50 TO 202+05 SOLID RT (BIKE LANE)
199+50 TO 204+50 SOLID RT
202+05 TO 203+72 DOTTED RT (LANE LINE)
202+05 TO 203+72 DOTTED RT (BIKE LANE)
202+05 TO 203+72 DOTTED RT (BIKE LANE)
203+72 TO 204+50 SOLID RT (LANE LINE)
203+72 TO 204+50 SOLID RT (BIKE LANE)
203+72 TO 204+50 SOLID RT (LANE LINE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
199+50 TO 200+20 SOLID LT&RT
200+20 TO 203+58 DOUBLE SOLID LT
200+20 TO 203+58 DOUBLE SOLID RT
203+58 TO 204+50 DOUBLE SOLID LT

DURABLE 8" YELLOW LINE, THERMOPLASTIC
200+20 TO 203+58 SOLID LT & RT (GORE)

DURABLE 8" WHITE LINE, THERMOPLASTIC
199+50 TO 199+67 SOLID RT (DIAGONALS)
200+07 TO 201+13 SOLID RT (DIAGONALS)
201+59 TO 201+95 SOLID RT (DIAGONALS)
202+37 TO 203+31 SOLID RT (DIAGONALS)

TEMPORARY LETTER OR SYMBOL, PAINT

200+42 RT - BIKE
200+54 RT - BIKE ARROW
203+76 RT - LEFT TURN ARROW
203+76 RT - RIGHT TURN ARROW
204+45 LT - BIKE ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC

200+42 RT - BIKE
200+54 RT - BIKE ARROW
203+76 RT - LEFT TURN ARROW
203+76 RT - RIGHT TURN ARROW
204+45 LT - BIKE ARROW
204+46 RT - ONLY
204+46 RT - ONLY

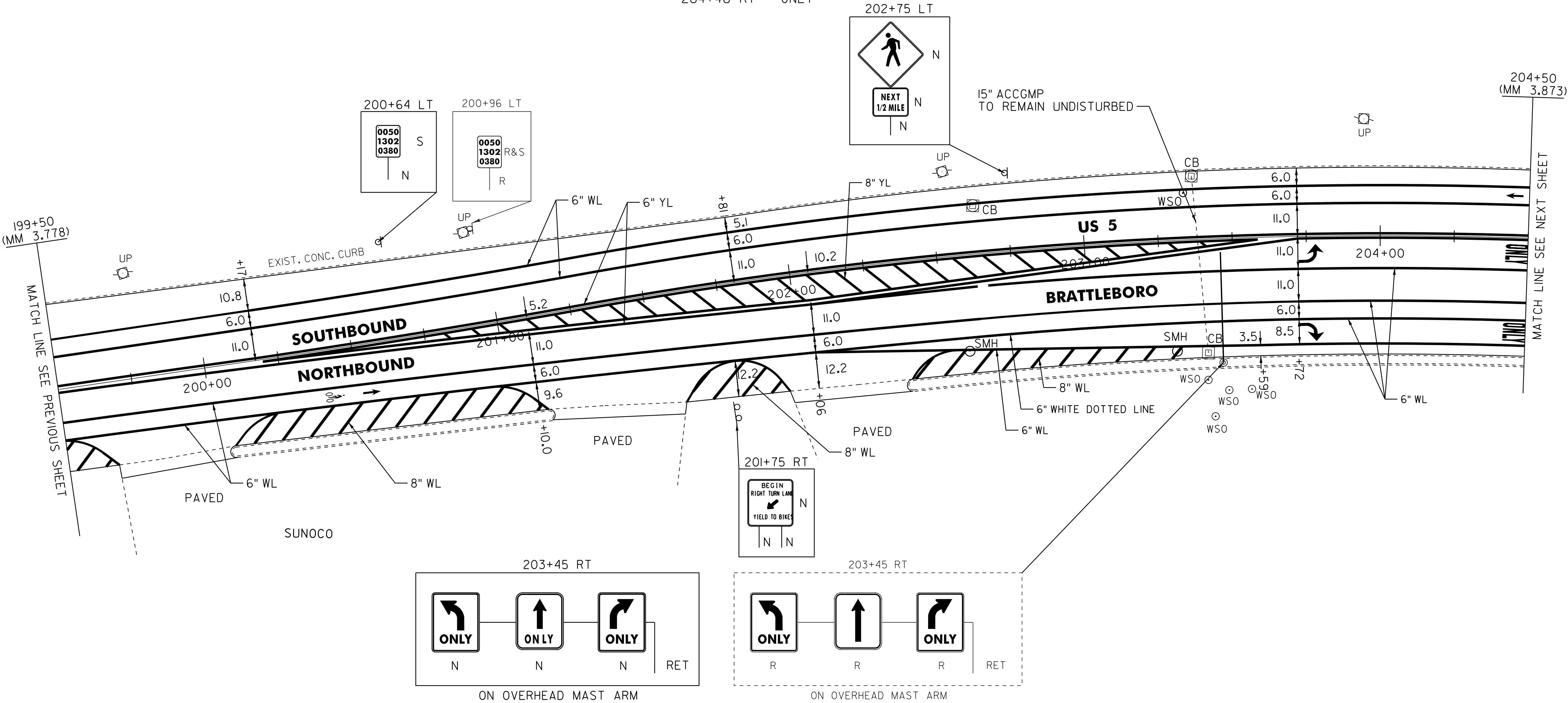
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
202+63 LT (CB)
203+37 LT (CB)
203+40 RT (CB)

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
202+58 RT
203+29 RT

ADJUSTELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
203+34 LT

REMOVING SIGNS
AS SHOWN - 4

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
- o = DELINEATOR

ROADWAY LAYOUT 9 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.30
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 30 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
205+18 TO 205+49 SOLID LT (STAPLES PLAZA)
205+64 SOLID LT (STAPLES PLAZA) (LANE LINE)
206+03 TO 206+13 SOLID LT (STAPLES PLAZA)
208+21 TO 208+41 SOLID LT (TH 82)
208+68 TO 209+22 SOLID RT
208+83 TO 209+24 SOLID LT (TH 82)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
205+77 DOUBLE SOLID LT (STAPLES PLAZA)
208+57 TO 208+65 DOUBLE SOLID RT
208+59 TO 208+60 DOUBLE SOLID LT (TH 82)

DURABLE 8" WHITE LINE, THERMOPLASTIC
205+94 TO 207+39 SOLID RT (DIAGONALS)
206+18 TO 208+21 SOLID LT (DIAGONALS)

DURABLE 8" YELLOW LINE, THERMOPLASTIC
208+91 TO 210+00 SOLID RT (GORE)

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
204+50 TO 205+18 SOLID LT
204+50 TO 205+25 SOLID LT (BIKE LANE)
204+50 TO 205+25 SOLID RT (LANE LINE)
204+50 TO 205+25 SOLID RT (BIKE LANE)
204+50 TO 205+25 SOLID RT (BIKE LANE)
204+50 TO 205+25 SOLID RT
206+29 TO 207+49 SOLID LT (BIKE LANE)
206+29 TO 207+49 SOLID LT (BIKE LANE)
206+29 TO 207+49 SOLID LT (BIKE LANE)
206+29 TO 206+54 SOLID RT (BIKE LANE)
206+54 TO 207+38 DOTTED RT (BIKE LANE)
206+54 TO 207+38 DOTTED RT (BIKE LANE)
207+38 TO 208+39 SOLID RT (BIKE LANE)
207+38 TO 208+39 SOLID RT (BIKE LANE)
207+49 TO 208+21 DOTTED LT (LANE LINE)
207+49 TO 208+21 DOTTED LT (LANE LINE)
207+49 TO 208+21 DOTTED LT (LANE LINE)
207+49 TO 208+38 DOTTED LT (LANE LINE)
209+21 TO 210+00 SOLID RT (BIKE LANE)
209+24 TO 210+00 SOLID LT (BIKE LANE)
209+52 TO 210+00 SOLID RT (BIKE LANE)
209+85 TO 210+00 SOLID LT (BIKE LANE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
204+50 TO 205+25 DOUBLE SOLID LT
205+94 TO 208+41 SOLID RT
206+13 TO 208+21 SOLID LT
206+29 TO 207+81 DOUBLE SOLID RT
207+81 TO 208+38 DOUBLE SOLID RT
207+81 TO 208+38 DOUBLE SOLID RT
208+91 TO 210+00 DOUBLE SOLID CL
208+91 TO 210+00 DOUBLE SOLID RT

TEMPORARY LETTER OR SYMBOL, PAINT
204+57 LT - BIKE
205+04 RT - BIKE
205+15 RT - LEFT TURN ARROW
205+15 RT - RIGHT TURN ARROW
205+16 RT - BIKE ARROW
205+57 LT - RIGHT TURN ARROW
205+70 LT - LEFT TURN/THRU ARROW
206+39 LT - RIGHT TURN ARROW
206+39 RT - LEFT TURN ARROW
206+86 LT - BIKE ARROW
206+98 LT - BIKE
207+44 LT - RIGHT TURN ARROW
207+44 RT - LEFT TURN ARROW
208+06 RT - RIGHT TURN ARROW
208+50 LT - STOP (TECHNOLOGY DR)
208+68 RT - STOP (ADVANCED AUTO PARTS)
209+55 RT - BIKE
209+67 RT - BIKE ARROW

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III

204+74 RT (CB)
206+00 RT (CB)
208+68 RT (CB)
208+80 LT (CB) (TH 82)
208+93 LT (CB)
208+00 LT (CB)

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
206+72 RT

DURABLE LETTER OR SYMBOL, THERMOPLASTIC
204+57 LT - BIKE
205+04 RT - BIKE
205+15 RT - LEFT TURN ARROW
205+15 RT - RIGHT TURN ARROW
205+16 RT - BIKE ARROW
205+57 LT - RIGHT TURN ARROW
206+39 LT - RIGHT TURN ARROW
206+39 RT - LEFT TURN ARROW
205+70 LT - LEFT TURN/THRU ARROW
206+86 LT - BIKE ARROW
206+98 RT - ONLY
206+91 LT - ONLY
206+98 LT - BIKE
207+44 LT - RIGHT TURN ARROW
207+44 RT - LEFT TURN ARROW
207+67 RT - ONLY
208+06 RT - RIGHT TURN ARROW
208+50 LT - STOP (TECHNOLOGY DR)
208+68 RT - STOP (ADVANCED AUTO PARTS)
209+55 RT - BIKE
209+67 RT - BIKE ARROW

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
208+57 LT (TH 82)
208+57 LT (TH 82)
208+57 LT (TH 82)

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
205+23 RT
205+47 TO 205+76 LT (STAPLES PLAZA)
205+64 TO 205+93 RT (ADVANCED AUTO PARTS)
206+29 LT & RT
208+26 TO 208+58 LT (TECHNOLOGY DR)
208+66 TO 208+78 RT (ADVANCED AUTO PARTS)

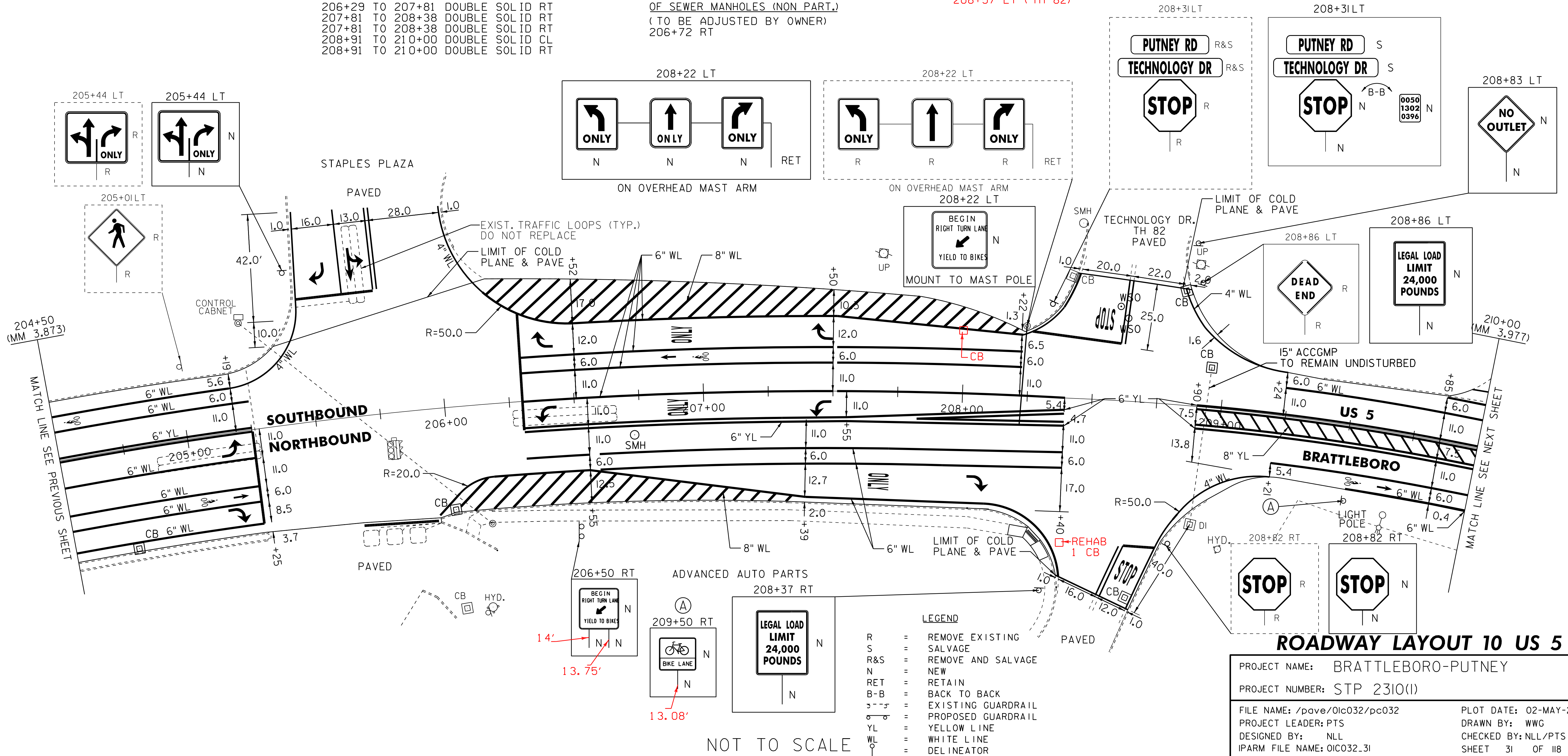
PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH
208+20 TO 208+36 RT (RAMP TYPE 6)

REMOVING AND RESETING CURB
208+22 TO 208+27 RT
208+33 TO 208+36 RT

DETECTABLE WARNING
SURFACE (DWS)
208+30 RT

REMOVING SIGNS
AS SHOWN - 10

ERECTING SALVAGED SIGNS
AS SHOWN - 2



TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
210+00 TO 212+74 SOLID LT (BIKE LANE)
210+00 TO 212+89 SOLID LT (BIKE LANE)
210+00 TO 215+27 SOLID RT (BIKE LANE)
210+00 TO 215+50 SOLID RT (BIKE LANE)
213+73 TO 215+23 SOLID LT (BIKE LANE)
213+73 TO 215+23 SOLID LT (BIKE LANE)
215+23 TO 215+50 DOTTED LT (BIKE LANE)
215+23 TO 215+50 DOTTED LT (BIKE LANE)
215+27 TO 215+50 DOTTED RT (BIKE LANE)
215+27 TO 215+50 DOTTED RT (BIKE LANE)
215+27 TO 215+50 DOTTED RT (BIKE LANE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
210+00 TO 212+97 DOUBLE SOLID CL
210+00 TO 212+97 DOUBLE SOLID RT
213+45 TO 215+50 DOUBLE SOLID CL
213+45 TO 215+50 DOUBLE SOLID RT

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
212+74 TO 213+27 SOLID LT
213+50 TO 213+78 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
213+34 TO 213+39 DOUBLE SOLID LT

DURABLE 8" WHITE LINE, THERMOPLASTIC
211+48 TO 212+93 SOLID LT (DIAGONALS)
211+53 TO 212+14 SOLID RT (DIAGONALS)
213+68 TO 215+50 SOLID RT (DIAGONALS)

DURABLE 8" YELLOW LINE, THERMOPLASTIC
210+00 TO 212+97 SOLID LT & RT (GORE)
213+45 TO 215+50 SOLID LT & RT (GORE)

TEMPORARY LETTER OR SYMBOL, PAINT

211+17 LT - BIKE ARROW
211+29 LT - BIKE
213+31 LT - STOP
213+85 LT - RIGHT TURN ARROW
215+19 LT - RIGHT TURN ARROW

DURABLE LETTER OR SYMBOL, THERMOPLASTIC

211+17 LT - BIKE ARROW
211+29 LT - BIKE
213+31 LT - STOP
213+85 LT - RIGHT TURN ARROW
214+48 LT - ONLY
215+19 LT - RIGHT TURN ARROW

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
213+23 TO 213+34 LT (CKICKERING DR)

PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH
213+03 TO 213+17 LT (LANDING)
213+51 TO 213+59 LT (LANDING)

DETECTABLE WARNING SURFACE (DWS)

213+13 LT
213+53 LT

~~CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES, CLASS I, II, OR III
213+50 LT (CB) (CHICKERING DR)~~

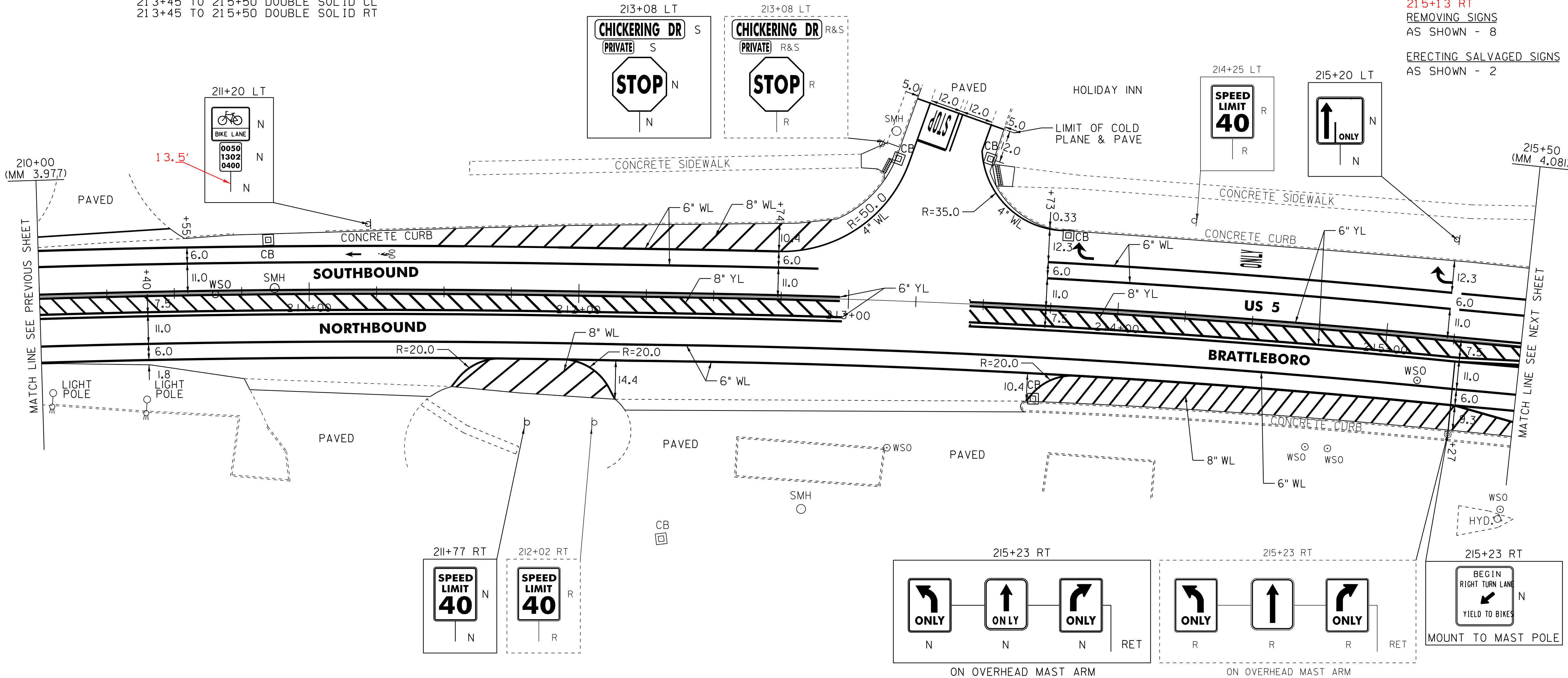
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III

210+85 LT (CB)
213+17 LT (CB) (CHICKERING DR)
213+70 RT (CB)
213+80 LT (CB)
213+50 LT (CB) (CHICKERING DR)

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
210+87 LT

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
210+65 LT
215+13 RT
215+13 RT
REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 2



LEGEND

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

ROADWAY LAYOUT 11 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.32

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 32 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
215+50 TO 217+05 DOTTED LT (BIKE LANE)
215+50 TO 217+05 DOTTED LT (BIKE LANE)
215+50 TO 217+05 DOTTED RT (BIKE LANE)
215+50 TO 217+05 DOTTED RT (BIKE LANE)
215+50 TO 217+05 DOTTED RT (BIKE LANE)
215+50 TO 215+82 SOLID RT
216+42 TO 219+05 SOLID LT
217+02 TO 219+02 SOLID LT (BIKE LANE)
217+04 TO 219+05 SOLID RT (BIKE LANE)
217+04 TO 219+05 SOLID RT (BIKE LANE)
217+04 TO 219+05 SOLID RT (BIKE LANE)
217+20 TO 219+05 SOLID RT
219+98 TO 221+00 SOLID LT
219+98 TO 221+00 SOLID LT (BIKE LANE)
219+98 TO 221+00 SOLID LT (BIKE LANE)
219+98 TO 221+00 SOLID LT (BIKE LANE)
219+98 TO 221+00 SOLID RT (BIKE LANE)
219+98 TO 221+00 SOLID RT (BIKE LANE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
215+50 TO 217+05 DOUBLE SOLID CL TO LT
215+50 TO 217+05 DOUBLE SOLID RT TO LT
217+05 TO 219+05 DOUBLE SOLID LT
219+98 TO 221+00 DOUBLE SOLID RT

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
219+05 TO 219+31 SOLID LT
219+42 SOLID LT (LANE LINE)
219+75 TO 219+98 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
219+51 TO 219+53 SOLID LT (ISLAND)
219+74 DOUBLE SOLID RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC
215+50 TO 216+70 SOLID LT & RT (GORE)

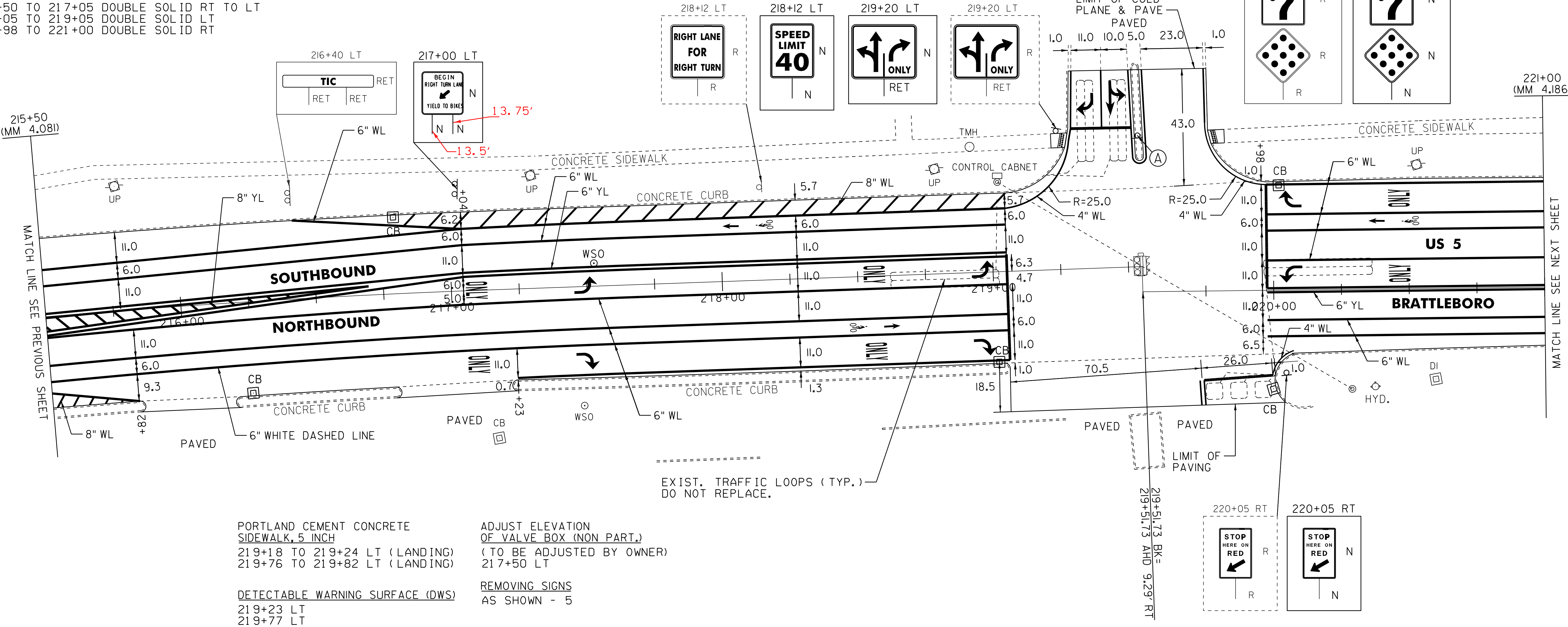
DURABLE 8" WHITE LINE, THERMOPLASTIC
215+50 TO 215+79 SOLID RT (DIAGONALS)
216+43 TO 219+05 SOLID LT (DIAGONALS)

TEMPORARY LETTER OR SYMBOL, PAINT
217+49 LT - LEFT TURN ARROW
217+49 RT - RIGHT TURN ARROW
218+04 LT - BIKE ARROW
218+16 LT - BIKE
218+50 RT - BIKE
218+62 RT - BIKE ARROW
218+96 LT - LEFT TURN ARROW
218+96 RT - RIGHT TURN ARROW
219+38 LT - RIGHT TURN ARROW
219+46 LT - LEFT TURN/THRU ARROW
220+07 LT - RIGHT TURN ARROW
220+07 LT - LEFT TURN ARROW
220+39 LT - BIKE ARROW
220+51 LT - BIKE

DURABLE LETTER OR SYMBOL, THERMOPLASTIC
217+09 LT - ONLY
217+09 RT - ONLY
217+49 LT - LEFT TURN ARROW
217+49 RT - RIGHT TURN ARROW
218+04 LT - BIKE ARROW
218+16 LT - BIKE
218+50 RT - BIKE
218+62 RT - BIKE ARROW
218+96 LT - LEFT TURN ARROW
218+96 RT - RIGHT TURN ARROW
218+56 RT - ONLY
218+56 LT - ONLY
218+62 RT - BIKE ARROW
218+96 LT - LEFT TURN ARROW
218+96 RT - RIGHT TURN ARROW
219+38 LT - RIGHT TURN ARROW
219+46 LT - LEFT TURN/THRU ARROW
220+07 LT - RIGHT TURN ARROW
220+07 LT - LEFT TURN ARROW
220+39 LT - BIKE ARROW
220+46 LT - ONLY
220+46 LT - ONLY
220+51 LT - BIKE

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
219+05 LT TO RT
219+26 TO 219+48 LT
219+75 TO 220+01 RT
220+00 TO 220+01 LT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
216+25 RT (CB)
216+80 LT (CB)
219+01 RT (CB)
220+01 RT (CB) (IN DRIVE)
220+02 LT (CB)



PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH
219+18 TO 219+24 LT (LANDING)
219+76 TO 219+82 LT (LANDING)

DETECTABLE WARNING SURFACE (DWS)
219+23 LT
219+77 LT

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
217+50 LT

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 12 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.33

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 33 OF 118

NOT TO SCALE

DURABLE 8" WHITE LINE, THERMOPLASTIC
222+75 TO 223+76 SOLID LT (DIAGONALS)

DURABLE LETTER OR SYMBOL, THERMOPLASTIC

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
222+62 RT

REMOVING SIGNS
AS SHOWN - 5



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

FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: OIC032_34	SHEET 34 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
226+00 TO 228+98 SOLID LT (BIKE LANE)
226+00 TO 228+93 SOLID LT (BIKE LANE)
226+00 TO 231+00 SOLID RT (BIKE LANE)
226+00 TO 231+00 SOLID RT (BIKE LANE)
229+68 TO 231+00 SOLID LT (BIKE LANE)
229+73 TO 231+00 SOLID LT (BIKE LANE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
226+00 TO 228+93 DOUBLE SOLID LT
229+73 TO 231+00 DOUBLE SOLID LT

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
228+98 TO 229+18 SOLID LT
229+46 TO 229+68 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
229+33 DOUBLE SOLID LT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
228+08 LT - BIKE ARROW
228+20 LT - BIKE
230+45 RT - BIKE
230+57 RT - BIKE ARROW

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
228+93 RT
228+97 TO 229+24 RT
229+15 TO 229+32 LT (TH 36)
229+73 LT

BITUMINOUS GUTTER &
TRAFFIC ISLAND
229+35 TO 231+00 RT

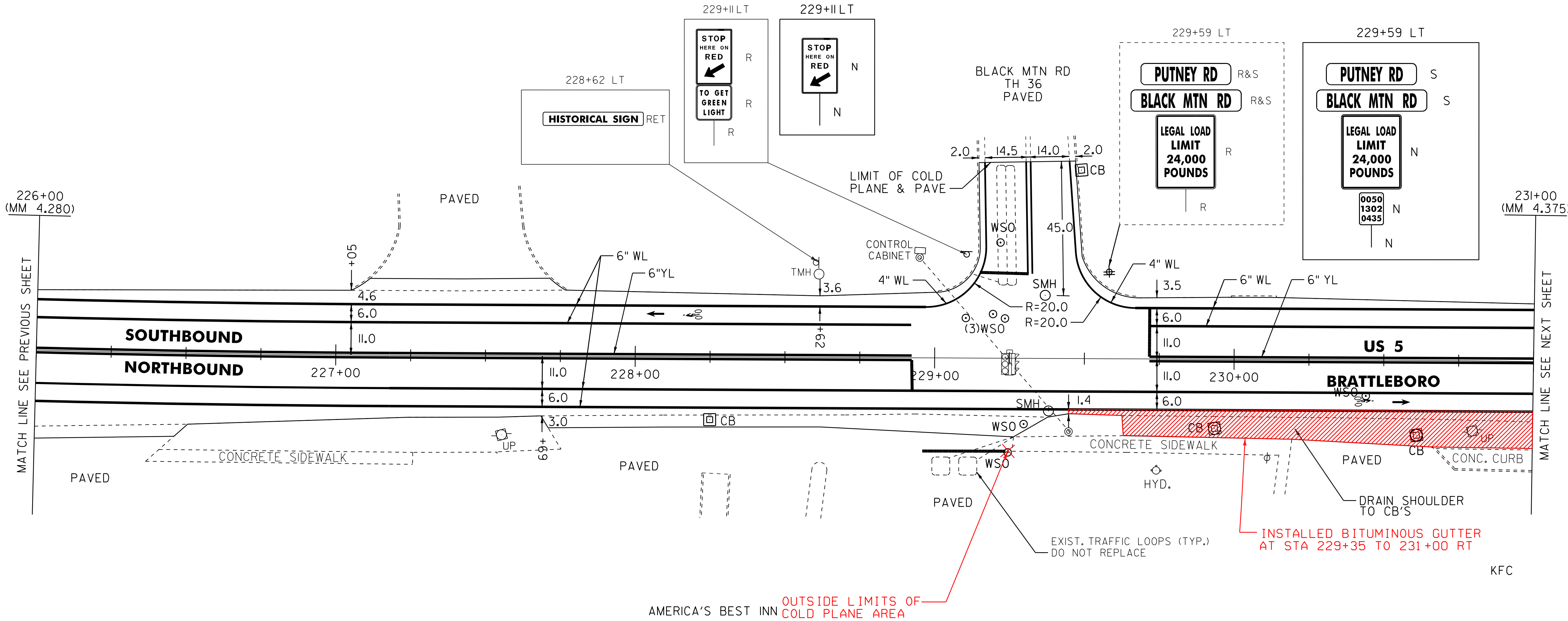
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
228+26 RT (CB)
229+94 RT (CB)
230+62 RT (CB)

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
229+11 LT
229+20 LT
229+23 LT (TH 36)
229+24 LT (DRIVE)
229+25 RT (DRIVE)
229+30 RT
230+44 RT

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
229+38 LT
229+39 RT

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED 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 14 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.35

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 35 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
231+00 TO 236+00 SOLID LT (BIKE LANE)
231+00 TO 236+00 SOLID LT (BIKE LANE)
231+00 TO 236+00 SOLID RT (BIKE LANE)
231+00 TO 236+00 SOLID RT (BIKE LANE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
231+00 TO 231+28 DOUBLE SOLID LT
231+28 TO 233+25 DOUBLE SOLID LT
231+28 TO 233+25 DOUBLE SOLID RT
233+25 TO 236+00 SOLID/DASHED LT
233+25 TO 236+00 DASHED/SOLID RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC
231+28 TO 233+13 SOLID LT & RT (GORE)

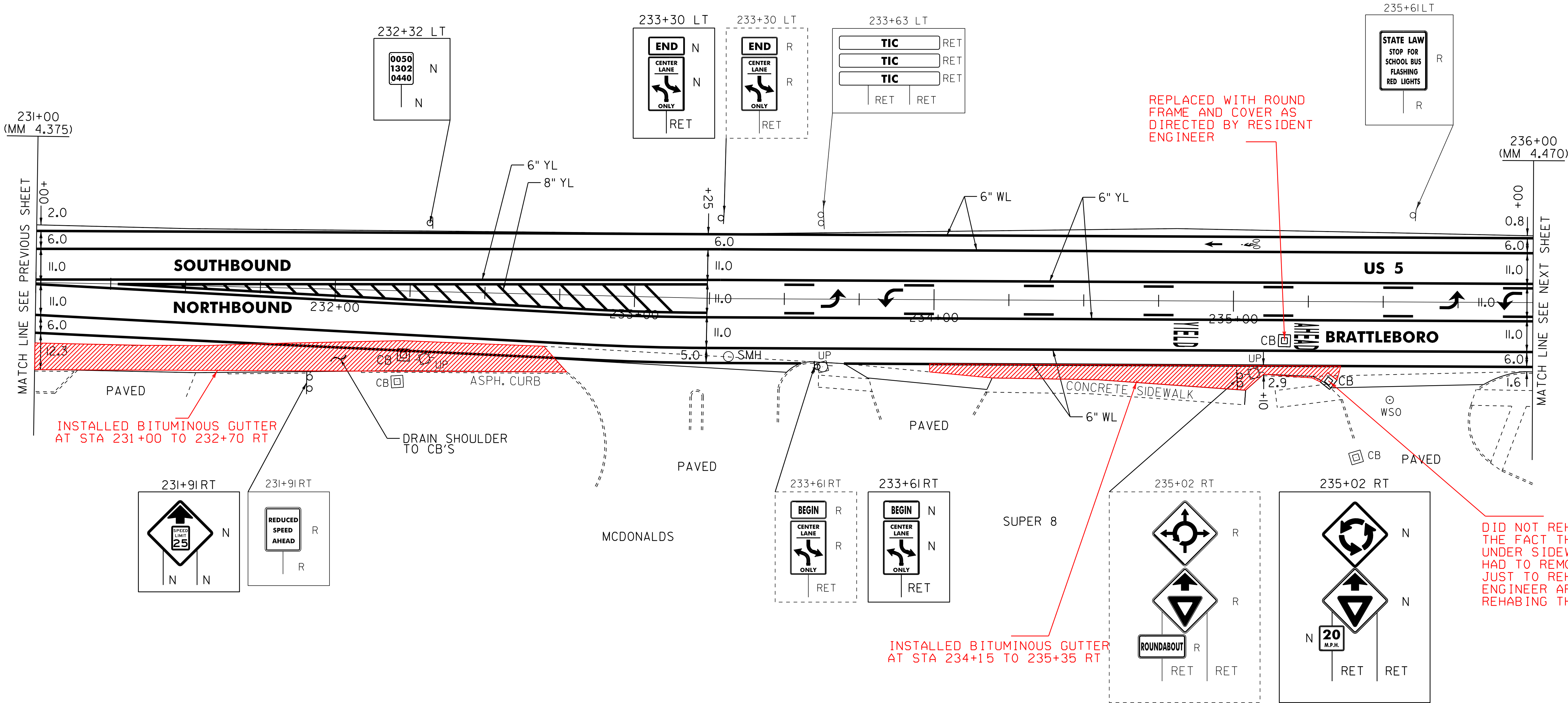
TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
233+67 RT - LEFT TURN ARROW
233+87 LT - LEFT TURN ARROW
234+82 RT - YIELD
234+94 LT - BIKE ARROW
235+06 LT - BIKE
235+22 RT - AHEAD
235+74 LT - LEFT TURN ARROW
235+93 LT - LEFT TURN ARROW

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
232+24 RT (CB)
235+18 (CB)
235+33 RT (CB) (DRIVE)

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
233+33 RT

REMOVING SIGNS
AS SHOWN - 9

BITUMINOUS CONCRETE GUTTERS
& TRAFFIC ISLANDS
231+00 TO 232+70 RT
234+15 TO 235+35 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 15 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.36
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 36 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6 INCH WHITE LINE, RECESSED POLYUREA
236+00 TO 241+00 SOLID LT & RT
240+55 TO 241+00 DASHED RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 6 INCH YELLOW LINE, RECESSED POLYUREA
236+00 TO 240+44 SOLID/DASHED LT
236+00 TO 240+44 DASHED/SOLID RT
240+44 TO 240+94 DOUBLE SOLID LT
240+44 TO 241+00 DOUBLE SOLID RT
240+94 TO 241+00 SOLID LT

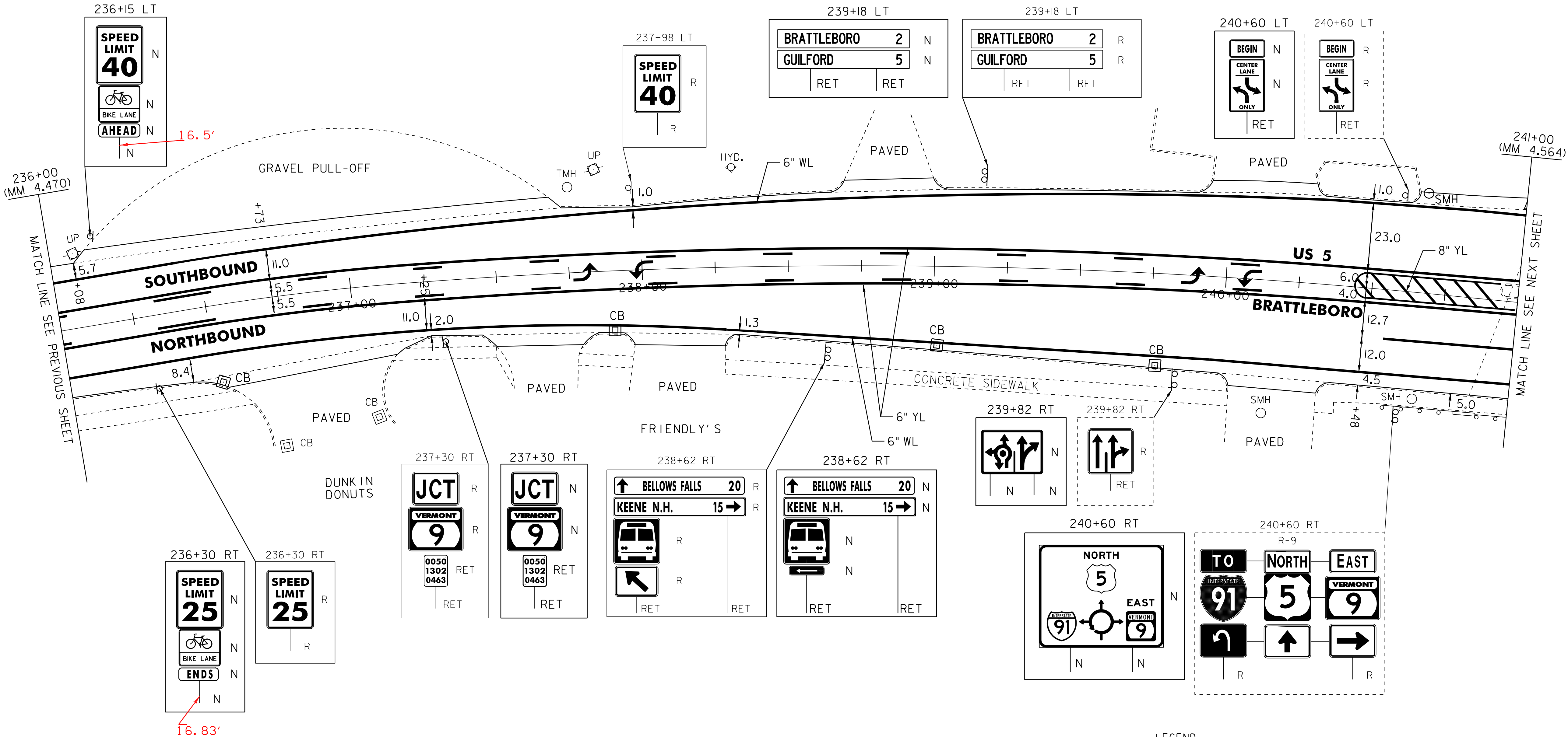
DURABLE 8" YELLOW LINE, THERMOPLASTIC
240+45 TO 240+93 SOLID LT TO RT (GORE)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
237+81 LT - LEFT TURN ARROW
238+00 LT - LEFT TURN ARROW
239+88 LT - LEFT TURN ARROW
240+08 LT - LEFT TURN ARROW

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
236+54 RT (CB)
237+90 RT (CB)
239+01 RT (CB)
239+77 RT (CB)

REMOVING SIGNS
AS SHOWN - 22

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
240+67 LT (DRIVE)



NOT TO SCALE

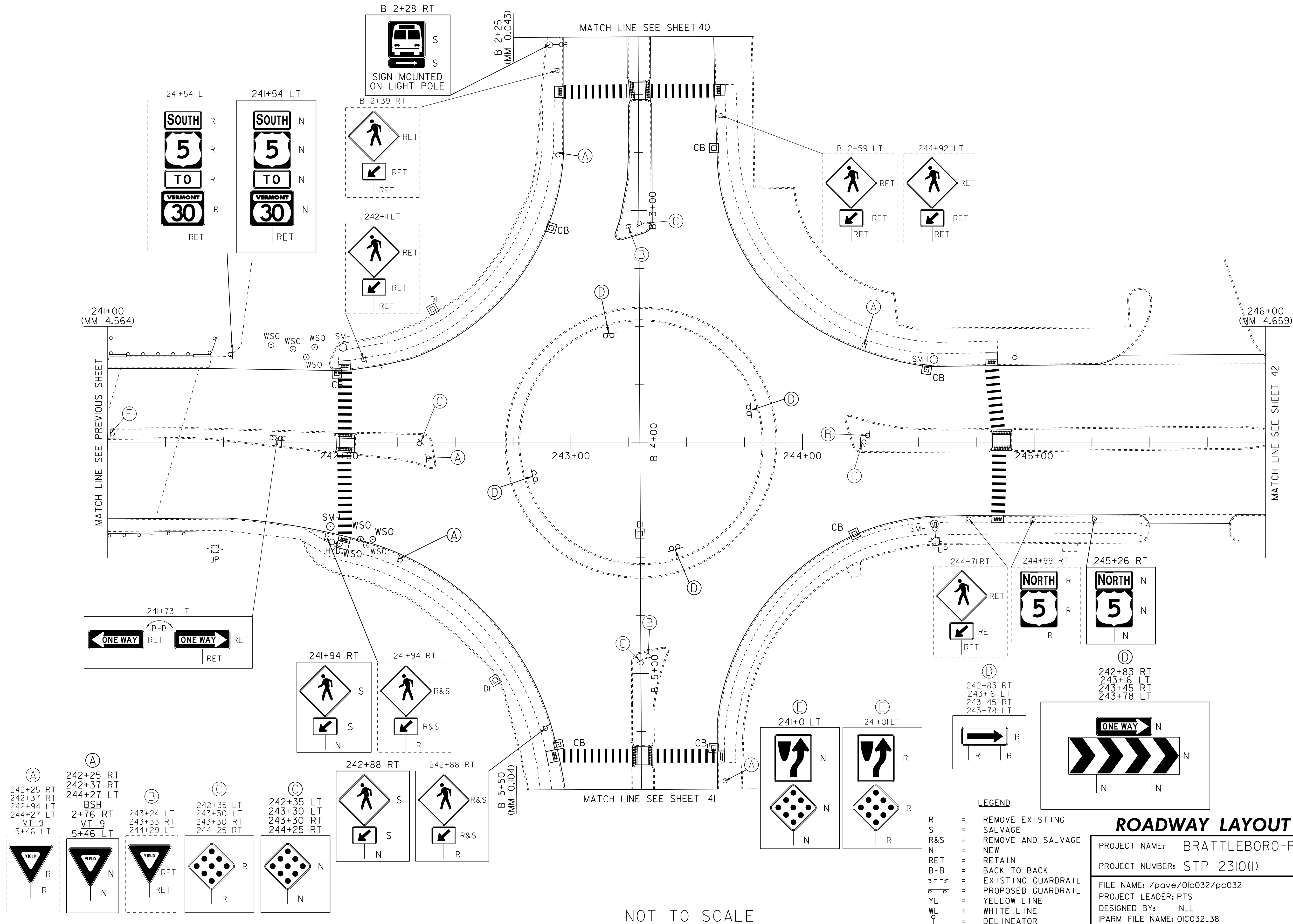
LEGEND

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

ROADWAY LAYOUT 16 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: OIC032.37
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 37 OF 118



NOT TO SCALE

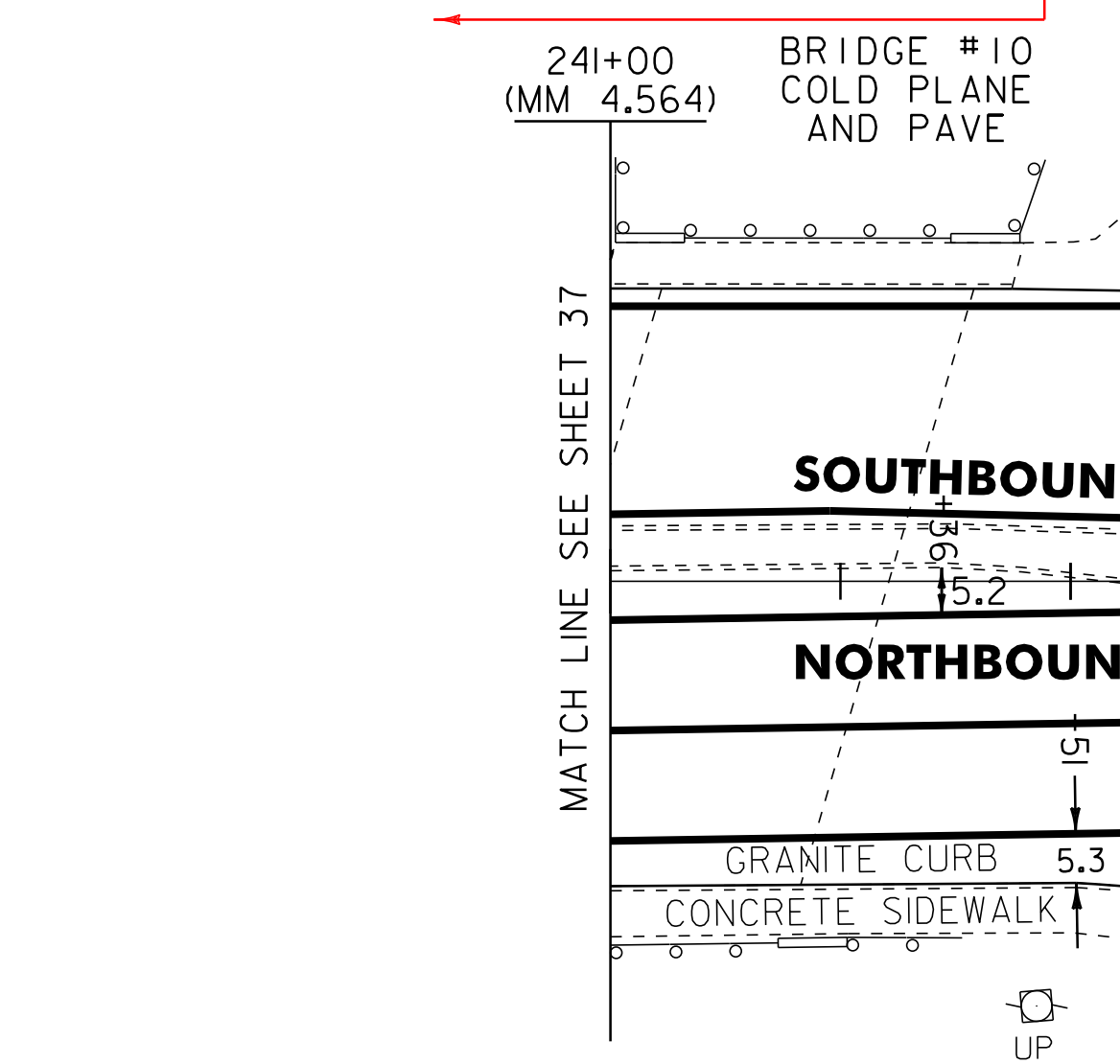
ROADWAY LAYOUT 17 SIGNING

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032_38	SHEET 38 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6" WHITE LINE, RECESSED POLYUREA

- 241+00 TO 241+99 SOLID LT
- 241+00 TO 241+60 DASHED RT (LANE LINE)
- 241+00 TO 241+99 SOLID RT
- 241+60 TO 241+98 SOLID RT (LANE LINE)
- 241+72 TO 241+99 SOLID LT (LANE LINE)
- 242+05 TO B 2+52 SOLID LT/RT
- 242+05 TO 242+47 SOLID LT (LANE LINE)
- 242+06 TO 242+49 SOLID RT (LANE LINE)
- 242+06 TO B 5+32 SOLID RT
- 242+46 SOLID LT TO RT
- 242+47 TO 243+05 DOTTED LT (LANE LINE)
- 242+59 TO 242+62 SOLID LT TO RT (LANE LINE)
- 242+62 TO 242+99 DOTTED RT (LANE LINE)
- 243+05 TO 243+42 SOLID LT (LANE LINE)
- 243+13 TO 243+44 SOLID LT
- 243+13 TO 243+46 SOLID RT
- 243+15 TO 243+52 SOLID RT (LANE LINE)
- 243+52 TO 244+09 DOTTED RT (LANE LINE)
- 243+60 TO 243+98 DOTTED LT (LANE LINE)
- 243+98 TO 244+02 SOLID LT TO RT (LANE LINE)
- 244+09 TO 244+81 SOLID RT (LANE LINE)
- 244+10 TO 244+79 SOLID LT (LANE LINE)
- 244+15 SOLID LT TO RT
- B 2+52 TO B 3+21 SOLID RT (LANE LINE)
- B 2+53 TO 244+79 SOLID LT
- B 2+54 TO B 3+20 SOLID LT (LANE LINE)
- B 4+81 TO B 5+31 SOLID LT (LANE LINE)
- B 4+81 TO B 5+31 SOLID RT (LANE LINE)
- B 5+32 TO 244+81 SOLID LT/RT
- B 5+39 TO B 5+50 SOLID LT (LANE LINE)



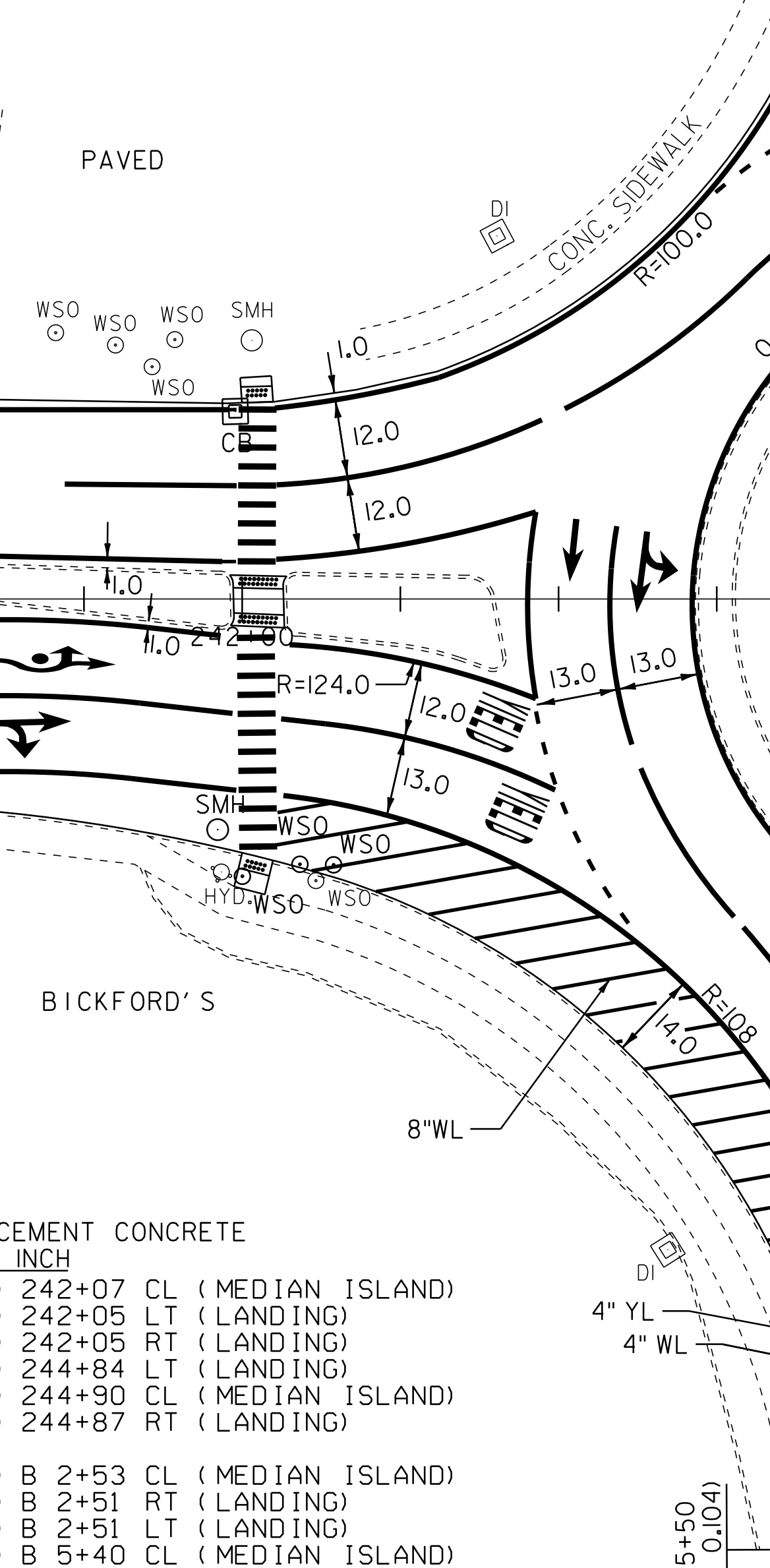
- DETECTABLE WARNING SURFACE (DWS)
- 242+02 LT
 - 242+02 LT - ISLAND
 - 242+02 RT - ISLAND
 - 242+02 RT
 - 244+82 LT
 - 244+85 LT - ISLAND
 - 244+85 RT - ISLAND
 - 244+85 RT
 - B 2+48 LT
 - B 2+48 LT - ISLAND
 - B 2+48 RT - ISLAND
 - B 2+49 RT
 - B 5+35 LT - ISLAND
 - B 5+35 RT
 - B 5+35 RT - ISLAND
 - B 5+36 LT

- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- 241+98 TO 242+07 CL (MEDIAN ISLAND)
 - 242+00 TO 242+05 LT (LANDING)
 - 242+00 TO 242+05 RT (LANDING)
 - 244+79 TO 244+84 LT (LANDING)
 - 244+81 TO 244+90 CL (MEDIAN ISLAND)
 - 244+82 TO 244+87 RT (LANDING)
 - B 2+44 TO B 2+53 CL (MEDIAN ISLAND)
 - B 2+46 TO B 2+51 RT (LANDING)
 - B 2+46 TO B 2+51 LT (LANDING)
 - B 5+31 TO B 5+40 CL (MEDIAN ISLAND)
 - B 5+33 TO B 5+38 RT (LANDING)
 - B 5+34 TO B 5+38 LT (LANDING)

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

TEMPORARY 6" YELLOW LINE, PAINT
DURABLE 6" YELLOW LINE, RECESSED POLYUREA

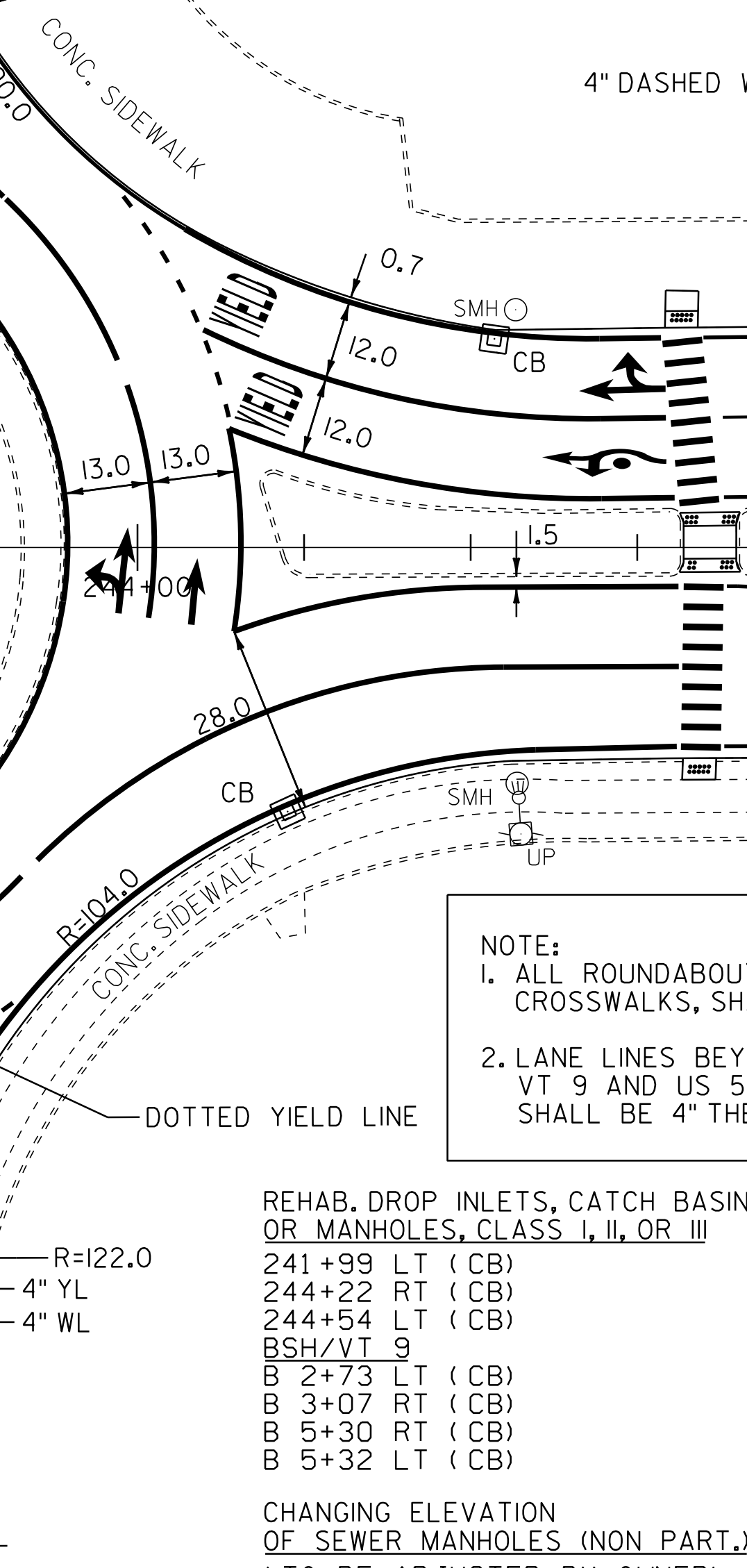
- 241+00 TO 241+99 SOLID LT
 - 241+00 TO 241+97 SOLID RT
 - 242+05 TO 242+46 SOLID LT
 - 242+08 TO 242+46 SOLID RT
 - 242+71 TO 243+90 SOLID LT & RT
 - 244+14 TO 244+81 SOLID LT & RT
 - B 2+53 TO B 3+17 SOLID RT
 - B 2+54 TO B 3+16 SOLID LT
 - B 4+84 TO B 5+31 SOLID LT
 - B 4+84 TO B 5+31 SOLID RT
- TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
- 244+85 TO 246+00 SOLID LT
 - 244+88 TO 246+00 DASHED LT (LANE LINE)
 - 244+88 TO 246+00 SOLID RT
 - BRATTLEBORO STATE HWY
 - B 2+25 TO B 2+46 SOLID LT & RT
 - B 2+25 TO B 2+46 DASHED LT & RT (LANE LINE)
 - B 5+39 TO B 5+50 SOLID LT & RT
 - B 5+39 TO B 5+50 DASHED RT (LANE LINE)



TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC

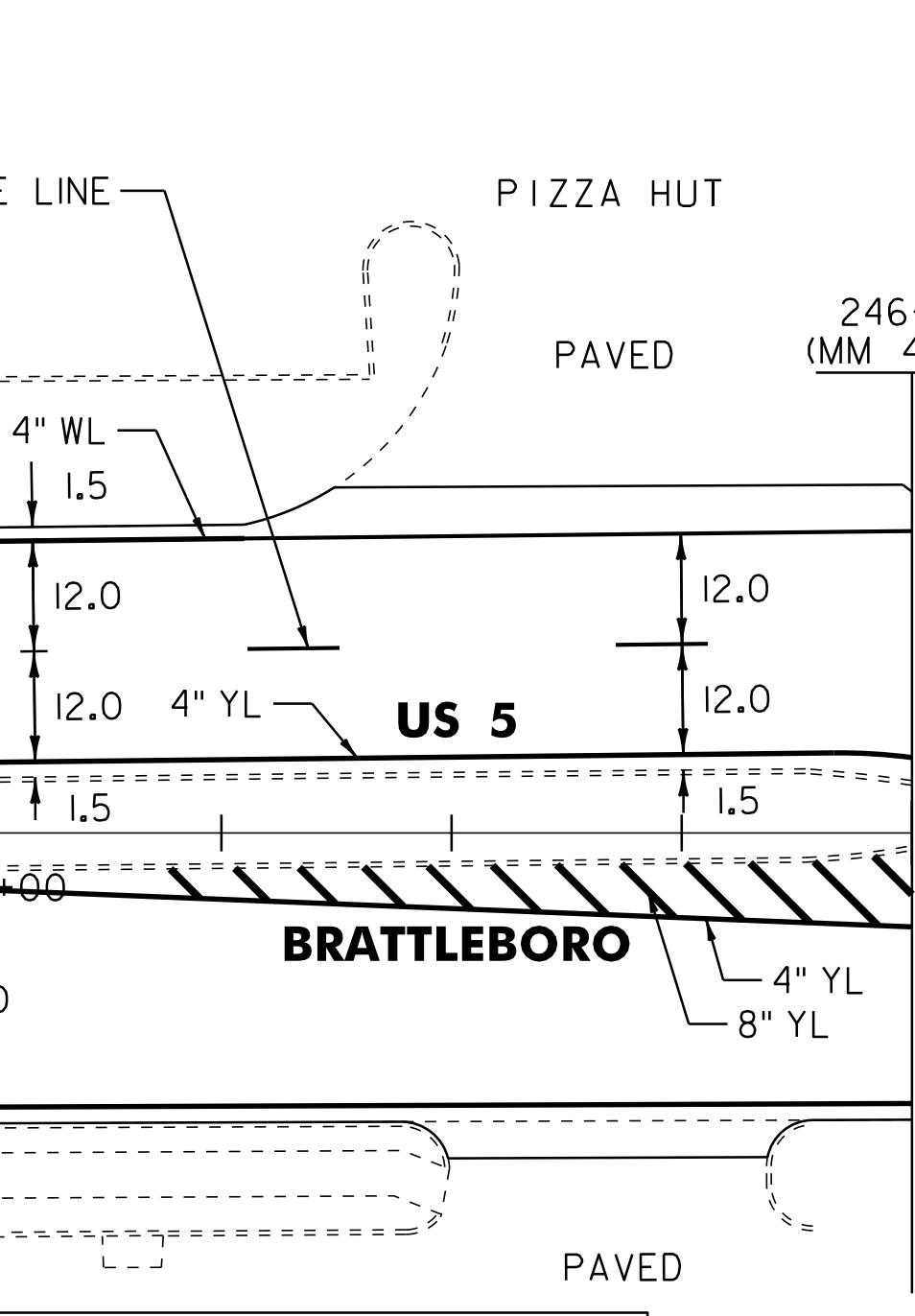
- 244+88 TO 246+00 SOLID LT & RT
 - B 2+25 TO B 2+44 SOLID LT & RT
 - B 5+39 TO B 5+50 SOLID LT & RT
- DURABLE 12" WHITE LINE, RECESSED POLYUREA
- 242+46 TO 242+61 DOTTED RT (YIELD LINE)
 - 242+75 TO 243+12 DOTTED LT (YIELD LINE)
 - 243+48 TO 243+81 DOTTED RT (YIELD LINE)
 - 243+98 TO 244+14 DOTTED LT (YIELD LINE)

- DURABLE 8" YELLOW LINE, THERMOPLASTIC
- 245+19 TO 246+00 SOLID RT (GORE)
- DURABLE 8" WHITE LINE, THERMOPLASTIC
- 242+06 TO B 5+32 SOLID RT (GORE)



TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, EPOXY PAINT

- 241+66 RT - RIGHT/THRU ARROW
- 241+71 RT - ROUNDABOUT ARROW
- 242+41 RT - YIELD
- 242+44 RT - YIELD
- 242+52 LT - THRU ARROW
- 242+63 LT - LEFT/THRU ARROW
- 243+06 LT - THRU ARROW
- 243+19 RT - THRU ARROW
- 243+22 RT - LEFT/THRU ARROW
- 243+37 LT - LEFT/THRU ARROW
- 243+38 LT - THRU ARROW
- 243+98 RT - LEFT/THRU ARROW
- 244+08 RT - THRU ARROW
- 244+16 LT - YIELD
- 244+20 LT - YIELD
- 244+69 LT - ROUNDABOUT ARROW
- 244+75 LT - RIGHT/THRU ARROW
- B 2+57 RT - RIGHT/THRU ARROW
- B 2+62 RT - ROUNDABOUT ARROW
- B 3+11 RT - YIELD
- B 3+15 RT - YIELD
- B 4+86 LT - YIELD
- B 4+90 LT - YIELD



NOTE:
1. ALL ROUNDABOUT LANE LINES, WITHIN THE CROSSWALKS, SHALL BE 6" RECESSED POLYUREA.
2. LANE LINES BEYOND THE CROSSWALK ON THE BSH, VT 9 AND US 5 NORTH ON THE ROUNDABOUT SHALL BE 4" THERMOPLASTIC.

- REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, OR III
- 241+99 LT (CB)
 - 244+22 RT (CB)
 - 244+54 LT (CB)
 - B 2+73 LT (CB)
 - B 3+07 RT (CB)
 - B 5+30 RT (CB)
 - B 5+32 LT (CB)

CHANGING ELEVATION OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
241+96 RT

ADJUST ELEVATION OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
242+00 RT
242+09 RT
242+14 RT (BEYOND LIMITS)

- TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING, THERMOPLASTIC
- 242+02 LT & RT
 - 244+82 TO 244+84 LT
 - 244+85 RT
 - B 2+48 LT & RT
 - B 5+35 LT & RT

REMOVING SIGNS
AS SHOWN - 25 (SEE PREVIOUS SHEET)

ERECTING SALVAGED SIGNS
AS SHOWN - 6 (SEE PREVIOUS SHEET)

ROADWAY LAYOUT 17 NOTES

PROJECT NAME:	BRATTLEBORO-PUTNEY	FILE NAME:	/pave/01c032/pc032	PLOT DATE:	02-MAY-2012 17:2
PROJECT NUMBER:	STP 2310(I)	PROJECT LEADER:	PTS	DRAWN BY:	WWG
		DESIGNED BY:	NLL	CHECKED BY:	NLL/PTS
		IPARM FILE NAME:	01C032.39	SHEET	39 OF 118

NOT TO SCALE

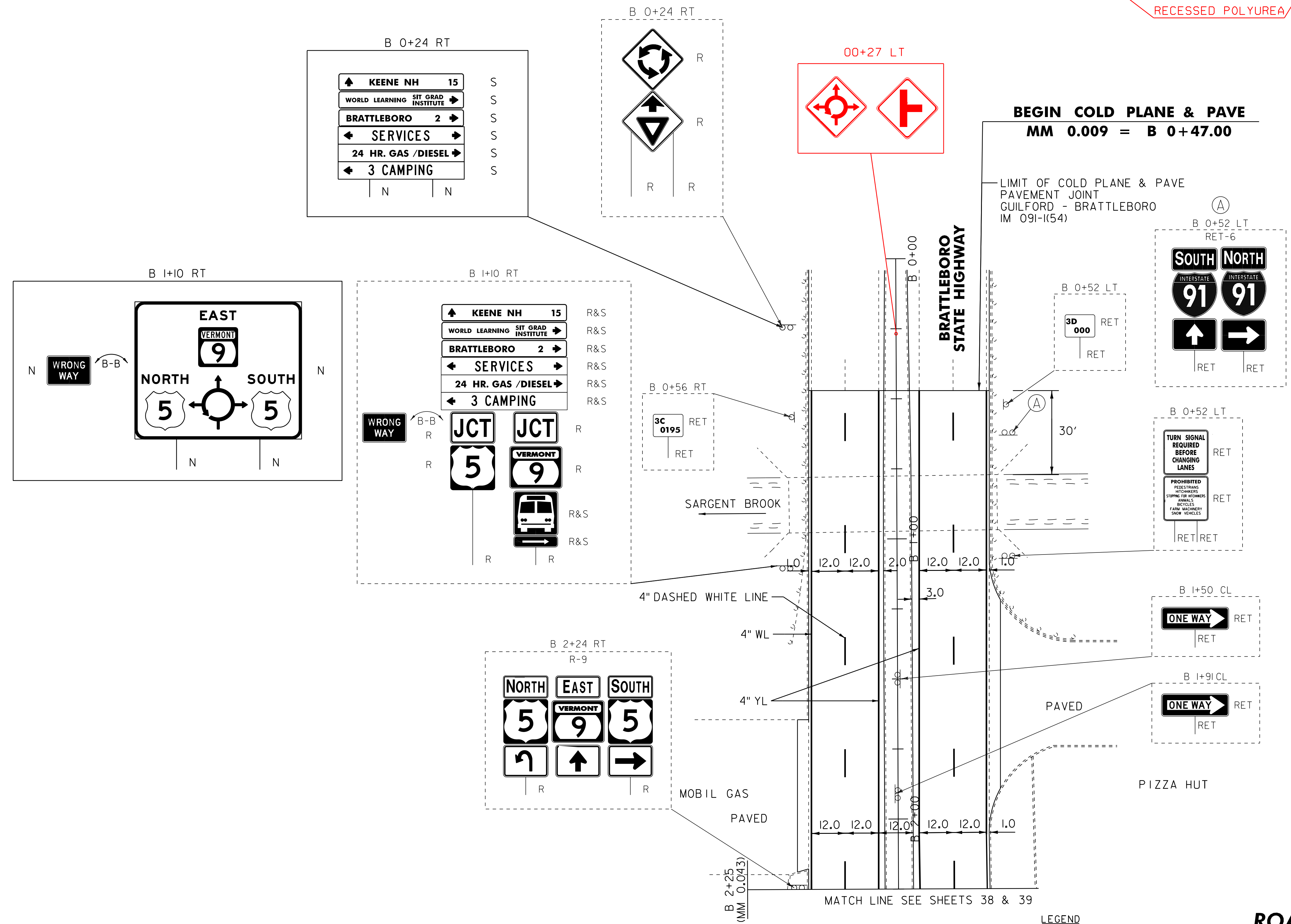
TEMPORARY 4" WHITE LINE, PAINT
DURABLE 64" WHITE LINE, THERMOPLASTIC
B 0+47 TO B 2+25 SOLID LT & RT
B 0+47 TO B 2+25 DASHED LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 64" YELLOW LINE, THERMOPLASTIC
B 0+47 TO B 2+25 SOLID LT & RT
B 0+47 TO B 2+25 DASHED LT & RT

REMOVING SIGNS
AS SHOWN - 24

ERECTING SALVAGED SIGNS
AS SHOWN - 6

RECESSED POLYUREA



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
 - o = DELINEATOR

**ROADWAY LAYOUT 17B
BRATTLEBORO STATE HIGHWAY**

PROJECT NAME: BRATTLEBORO-PUTNEY	FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT NUMBER: STP 2310(1)	PROJECT LEADER: PTS	DRAWN BY: WWG
	DESIGNED BY: NLL	CHECKED BY: NLL/PTS
	IPARM FILE NAME: 01C032.40	SHEET 40 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 6" WHITE LINE, RECESSED POLYUREA
B 5+50 TO B 5+77 SOLID LT (LANE LINE)

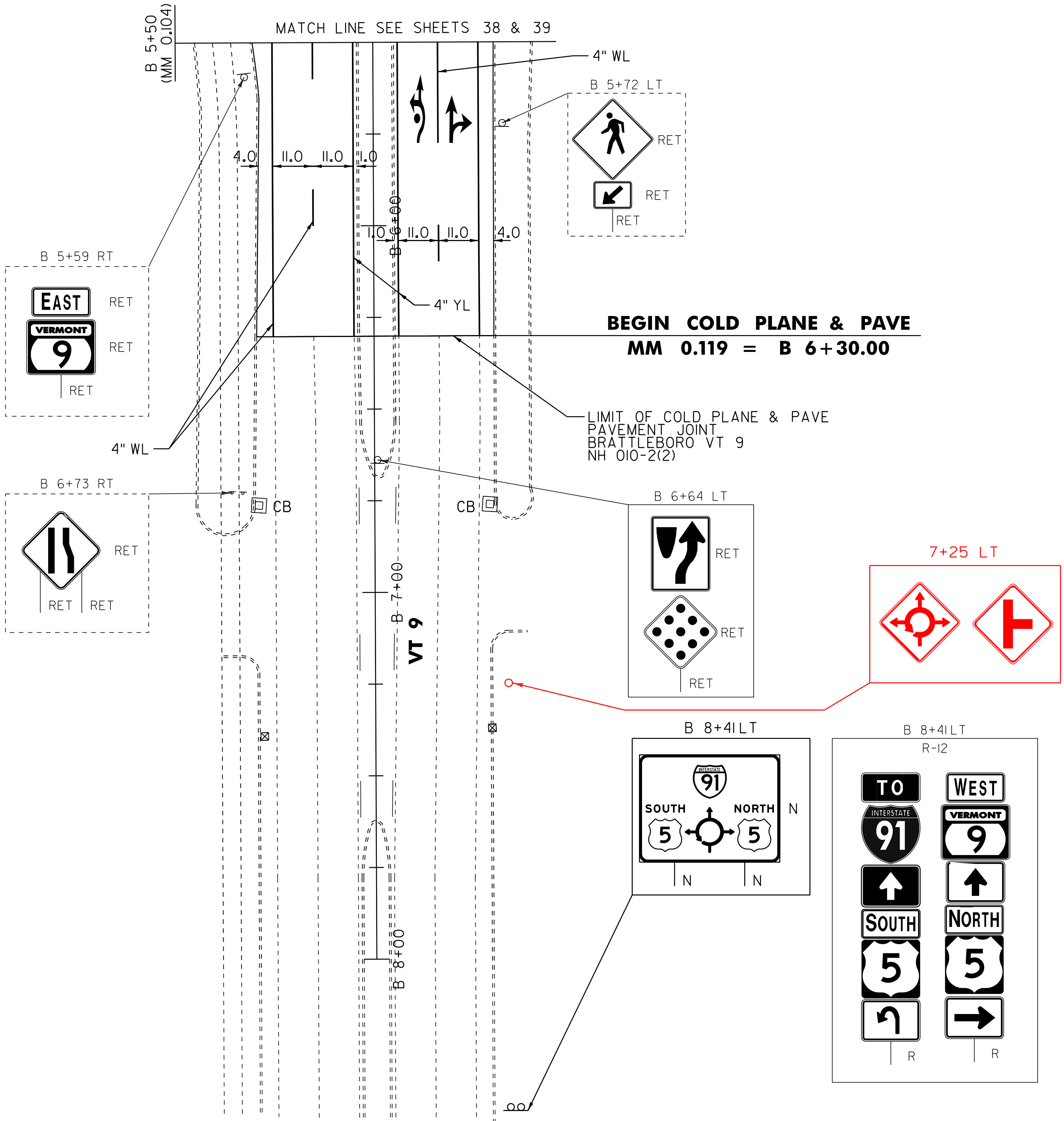
~~TEMPORARY 4" WHITE LINE, PAINT~~
~~DURABLE 4" WHITE LINE, THERMOPLASTIC~~
B 5+50 TO B 6+30 SOLID LT & RT
B 5+50 TO B 6+30 DASHED RT
B 5+77 TO B 6+30 DASHED LT

TEMPORARY 4" YELLOW LINE, PAINT
~~DURABLE 6" 4" YELLOW LINE, THERMOPLASTIC~~
B 5+50 TO B 6+30 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
5+68 LT - ROUNDABOUT ARROW
5+73 LT - RIGHT/THRU ARROW

THINNING AND TRIMMING FOR SIGNS
(SEE DETAIL ON SHEET 6)
B 5+72 LT

REMOVING SIGNS
AS SHOWN - 12



NOT TO SCALE

LEGEND

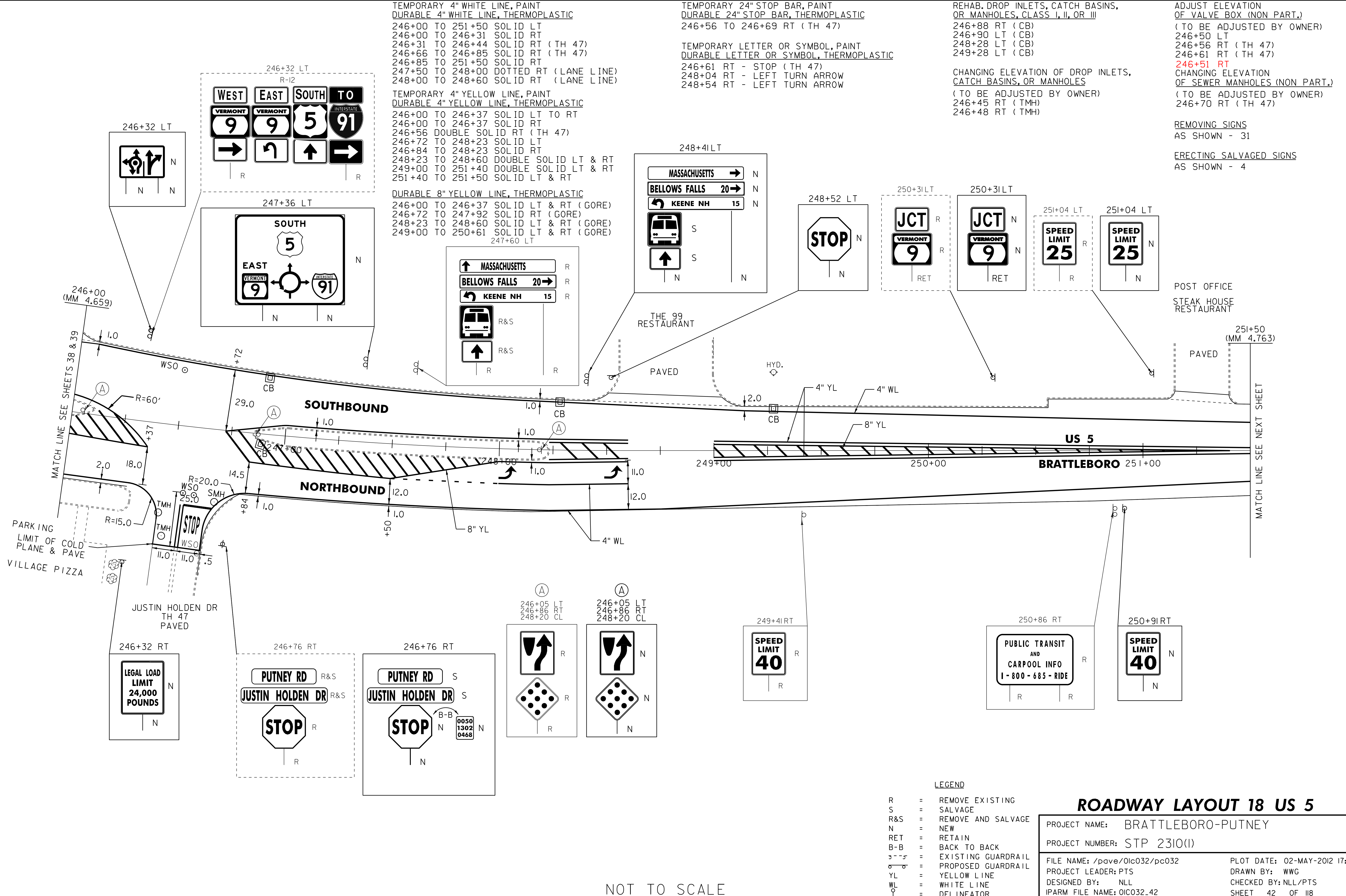
- R = REMOVE EXISTING
- S = SALVAGE
- R&S = REMOVE AND SALVAGE
- N = NEW
- RET = RETAIN
- B-B = BACK TO BACK
- S-S = EXISTING GUARDRAIL
- P-P = PROPOSED GUARDRAIL
- YL = YELLOW LINE
- WL = WHITE LINE
- = DELINEATOR

ROADWAY LAYOUT 17C
VT ROUTE 9

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.41
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 41 OF 118



TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
246+00 TO 251+50 SOLID LT
246+00 TO 246+31 SOLID RT
246+31 TO 246+44 SOLID RT (TH 47)
246+66 TO 246+85 SOLID RT (TH 47)
246+85 TO 251+50 SOLID RT
247+50 TO 248+00 DOTTED RT (LANE LINE)
248+00 TO 248+60 SOLID RT (LANE LINE)

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
246+00 TO 246+37 SOLID LT TO RT
246+00 TO 246+37 SOLID RT
246+56 DOUBLE SOLID RT (TH 47)
246+72 TO 248+23 SOLID LT
246+84 TO 248+23 SOLID RT
248+23 TO 248+60 DOUBLE SOLID LT & RT
249+00 TO 251+40 DOUBLE SOLID LT & RT
251+40 TO 251+50 SOLID LT & RT

DURABLE 8" YELLOW LINE, THERMOPLASTIC
246+00 TO 246+37 SOLID LT & RT (GORE)
246+72 TO 247+92 SOLID RT (GORE)
248+23 TO 248+60 SOLID LT & RT (GORE)
249+00 TO 250+61 SOLID LT & RT (GORE)

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
246+56 TO 246+69 RT (TH 47)
TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
246+61 RT - STOP (TH 47)
248+04 RT - LEFT TURN ARROW
248+54 RT - LEFT TURN ARROW

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
246+88 RT (CB)
246+90 LT (CB)
248+28 LT (CB)
249+28 LT (CB)
CHANGING ELEVATION OF DROP INLETS,
CATCH BASINS, OR MANHOLES
(TO BE ADJUSTED BY OWNER)
246+45 RT (TMH)
246+48 RT (TMH)

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
246+50 LT
246+56 RT (TH 47)
246+61 RT (TH 47)
246+51 RT
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
246+70 RT (TH 47)

REMOVING SIGNS
AS SHOWN - 31
ERECTING SALVAGED 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
 - o = DELINEATOR

ROADWAY LAYOUT 18 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(1)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.42	SHEET 42 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
~~PAINTED DURABLE~~ 4" WHITE LINE, THERMOPLASTIC
251+50 TO 255+49 SOLID RT
251+50 TO 257+00 SOLID LT
255+49 TO 255+79 SOLID RT (TH 46)
256+01 TO 256+31 SOLID RT (TH 46)
256+31 TO 257+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
~~PAINTED DURABLE~~ 4" YELLOW LINE, THERMOPLASTIC
251+50 TO 255+71 SOLID LT & RT
255+89 DOUBLE SOLID RT (TH 46)
256+11 TO 257+00 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
~~PAINTED DURABLE~~ 24" STOP BAR, THERMOPLASTIC
255+90 TO 256+07 RT - STOP (TH 46)

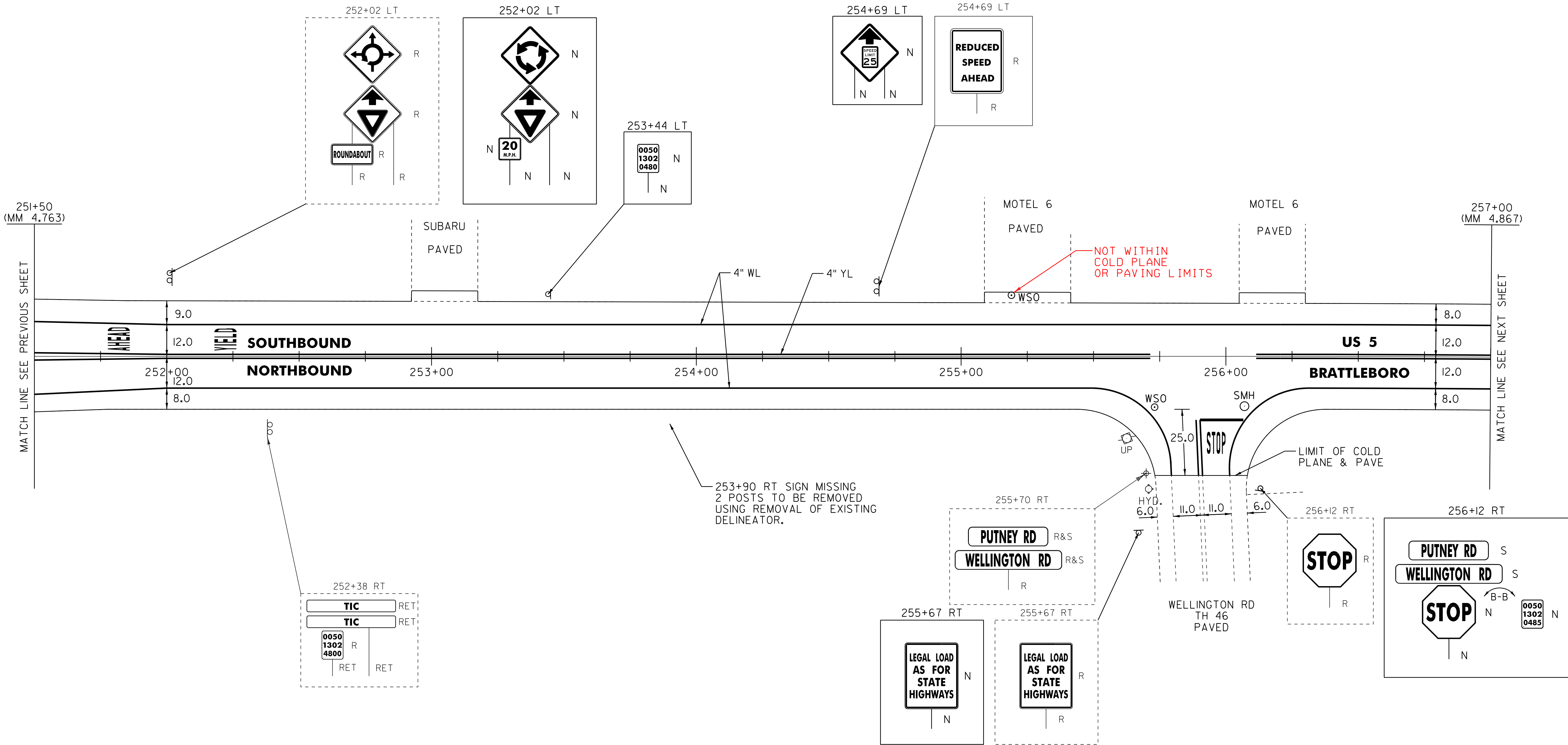
TEMPORARY LETTER OR SYMBOL, PAINT
~~PAINTED DURABLE~~ LETTER OR SYMBOL, THERMOPLASTIC
251+82 LT - AHEAD
252+22 LT - YIELD
255+96 RT - STOP (TH 46)

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
256+07 RT

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
255+19 LT (DRIVE)
255+73 RT
~~255+71 RT~~
REMOVAL OF EXISTING DELINEATOR
253+90 RT (2 SIGN POSTS)

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED 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 19 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.43

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 43 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
257+00 TO 259+90 SOLID RT
257+00 TO 262+50 SOLID LT
259+90 TO 260+20 SOLID RT (TH 44)
260+42 TO 260+72 SOLID RT (TH 44)
260+72 TO 262+50 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
257+00 TO 260+11 SOLID LT & RT
260+31 DOUBLE SOLID RT (TH 44)
260+51 TO 262+50 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
260+32 TO 260+47 RT (TH 44)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
260+37 RT - STOP (TH 44)

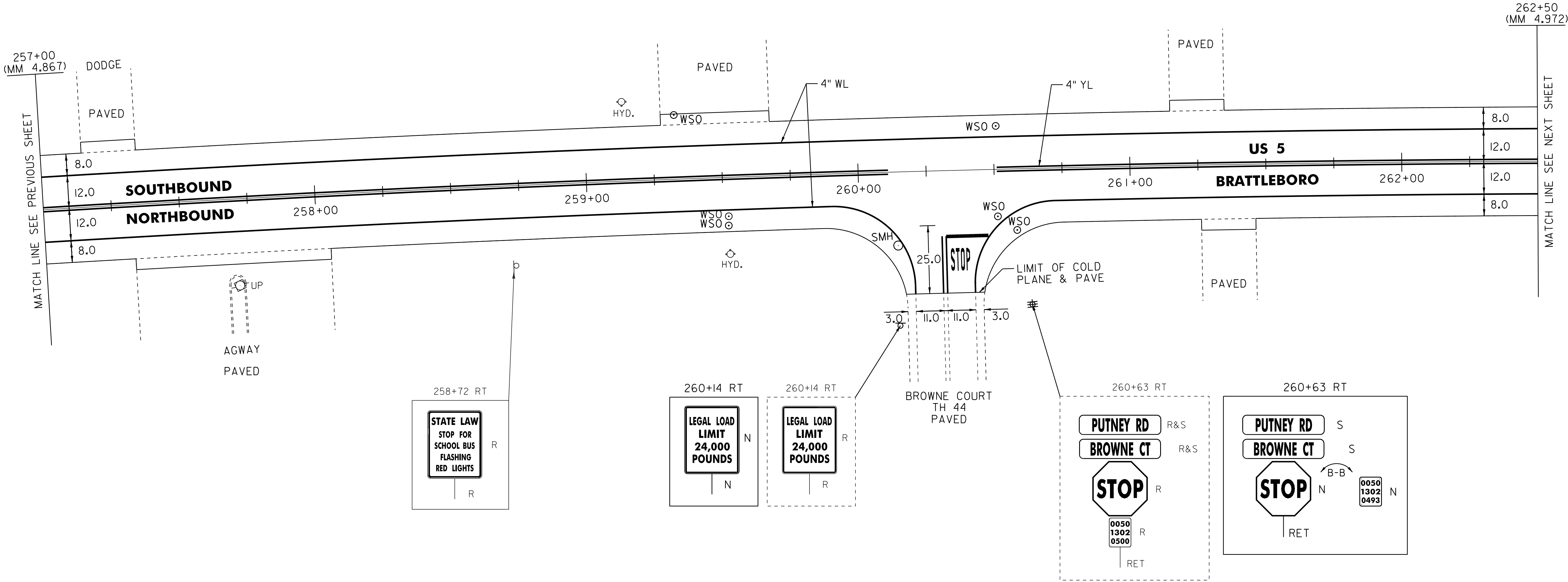
CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
260+14 RT (TH 44)

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
259+33 LT
259+52 RT
259+52 RT
260+51 LT
260+51 RT
260+58 RT (TH 44)

THINNING AND TRIMMING FOR SIGNS
(SEE DETAIL ON SHEET 6)
258+72 RT

REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED 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 20 US 5

PROJECT NAME:	BRATTLEBORO-PUTNEY	
PROJECT NUMBER:	STP 2310(I)	
FILE NAME:	/pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER:	PTS	DRAWN BY: WWG
DESIGNED BY:	NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME:	OIC032_44	SHEET 44 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
262+50 TO 273+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
262+50 TO 273+00 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
270+30 RT - SIGNAL
270+70 RT - AHEAD

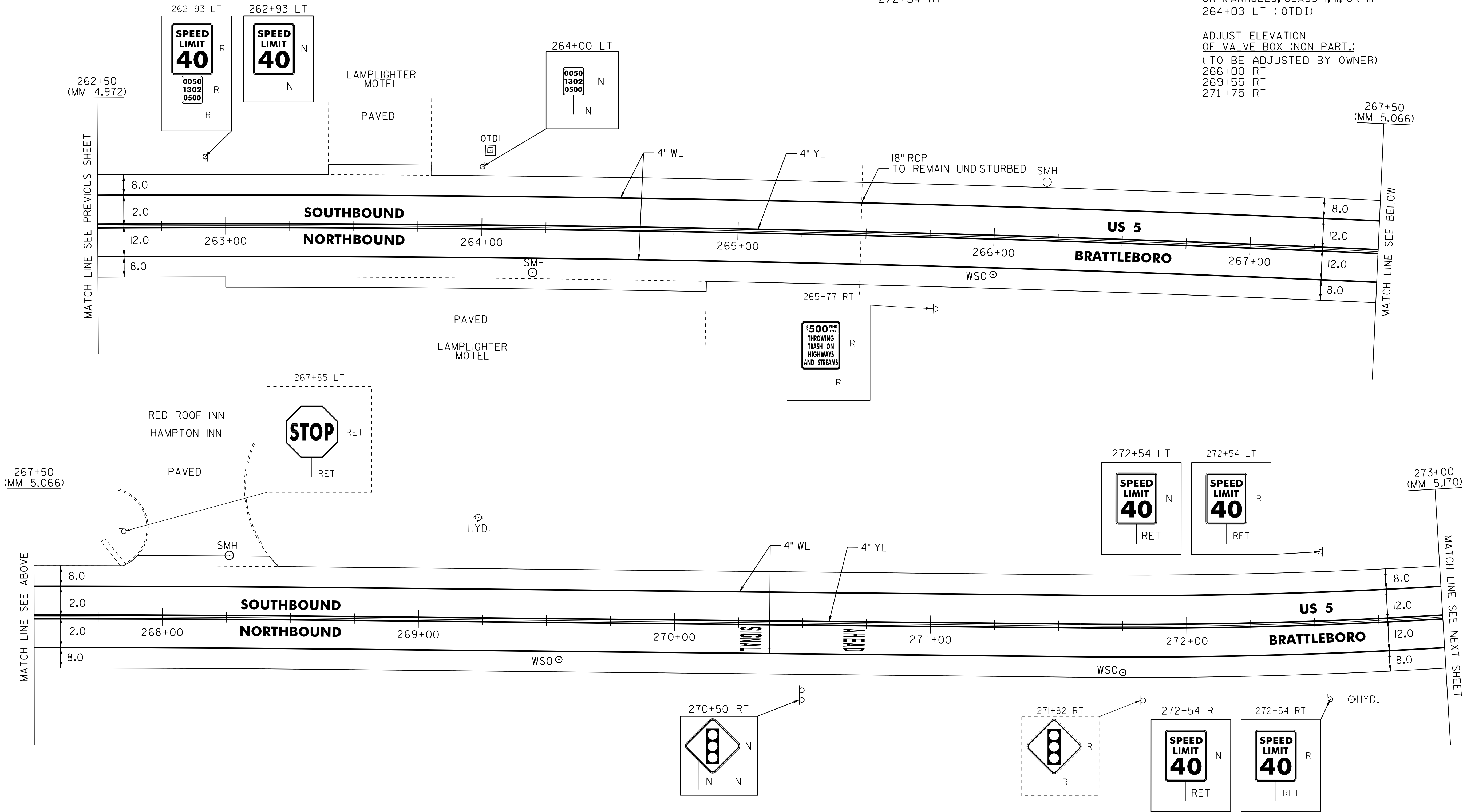
THINNING AND TRIMMING FOR SIGNS
(SEE DETAIL ON SHEET 6)
272+54 RT

CHANGING ELEVATION
OF SEWER MANHOLES (NON PART.)
(TO BE ADJUSTED BY OWNER)
264+20 RT
268+26 LT (DRIVE)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
264+03 LT (OTDI)

ADJUST ELEVATION
OF VALVE BOX (NON PART.)
(TO BE ADJUSTED BY OWNER)
266+00 RT
269+55 RT
271+75 RT

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
 - S-S = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 21 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032_45

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 45 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
273+00 TO 275+84 SOLID RT
273+00 TO 284+00 SOLID LT
275+84 TO 276+66 SOLID RT (OLD FERRY RD)
276+88 TO 277+18 SOLID RT (OLD FERRY RD)
277+18 TO 284+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
273+00 TO 276+32 SOLID LT & RT
276+67 SOLID RT (OLD FERRY RD)
276+72 TO 284+00 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
275+84 RT
276+68 TO 276+79 RT (OLD FERRY RD)
278+15 LT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
281+43 LT - AHEAD
281+83 LT - SIGNAL

STEEL BEAM GUARDRAIL, GALVANIZED
273+45 TO 276+51 RT
275+04 TO 276+92 LT
276+90 TO 277+63 RT
281+00 TO 284+00 LT
281+17 TO 284+00 RT

STEEL BEAM GUARDRAIL, GALVANIZED
273+45.0 TO 276+51.0 RT
275+04.5 TO 276+92.0 LT
276+89.0 TO 277+12.0 RT
280+99.0 TO 284+00.0 LT
281+17.0 TO 284+00.0 RT

GUARDRAIL APPROACH SECTION,
GALVANIZED TYPE I
277+12 TO 277+62 RT

ANCHOR FOR STEEL BEAM RAIL
273+45.0 RT
275+04.5 LT

STONE FILL, TYPE I
276+00 TO 276+20 RT
276+55 LT

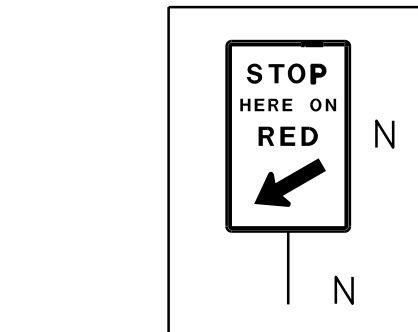
REMOVING SIGNS
AS SHOWN - 12

ERECTING SALVAGED SIGNS
AS SHOWN - 2

DELINEATOR WITH STEEL POST
273+45.0 RT
275+04.5 LT

277+53 STOP
COLD PLANE AND PAVING

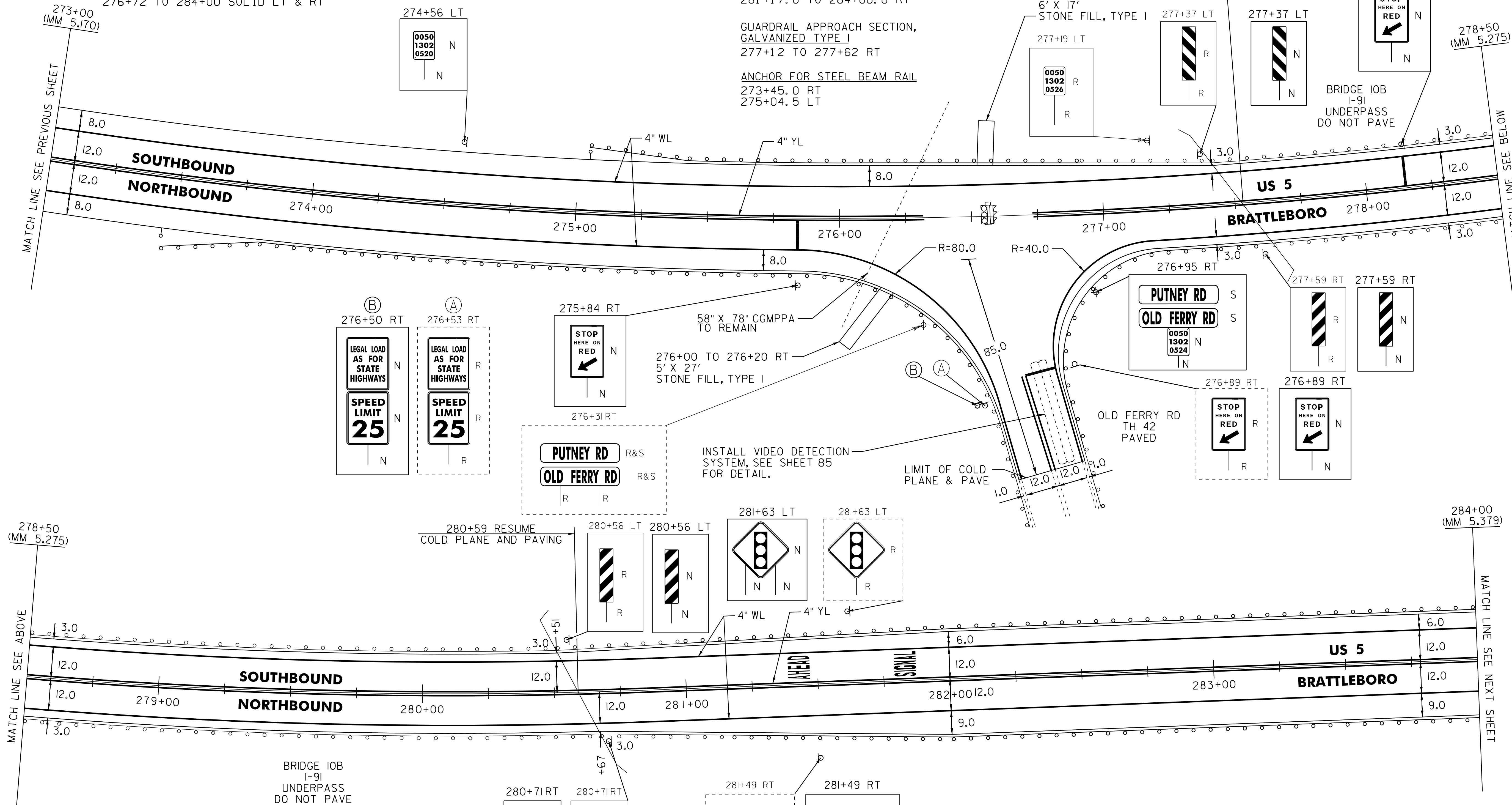
ATTACH SIGN POST TO
BRIDGE RAIL POST
278+15 LT



BRIDGE IOB
I-9I
UNDERPASS
DO NOT PAVE

278+50
(MM 5.275)

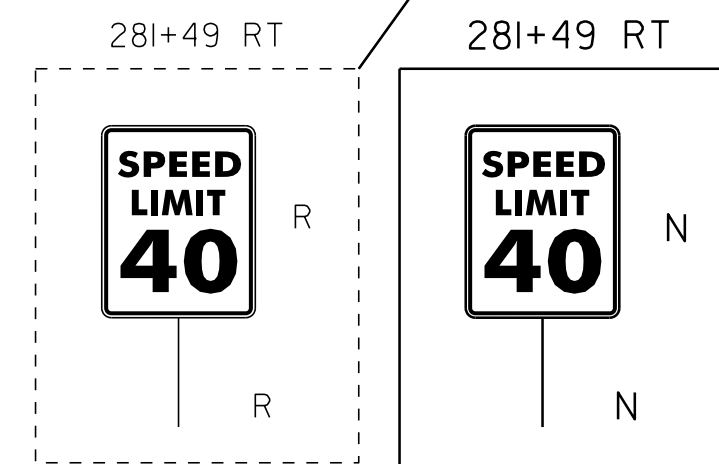
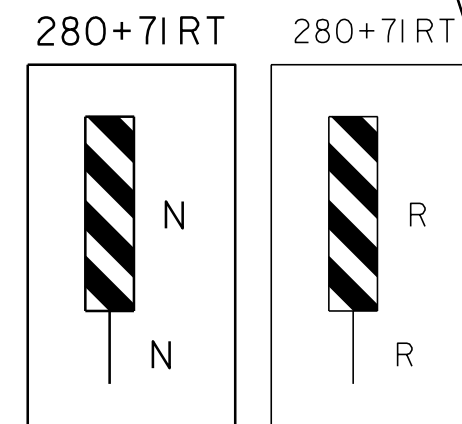
MATCH LINE SEE BELOW



278+50
(MM 5.275)

MATCH LINE SEE ABOVE

BRIDGE IOB
I-9I
UNDERPASS
DO NOT PAVE



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 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/Oic032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: OIC032.46

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 46 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
284+00 TO 286+32 SOLID RT
284+00 TO D 5+00 SOLID LT
286+32 TO 286+63 SOLID RT (TH 41)
286+87 TO 287+17 SOLID RT (TH 41)
287+17 TO D 5+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
284+00 TO 286+50 SOLID LT & RT
286+73 DOUBLE SOLID RT (TH 41)
286+90 TO D 5+00 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
286+74 TO 286+92 RT (TH 41)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
286+82 RT - STOP (TH 41)

REMOVAL AND DISPOSAL OF GUARDRAIL
284+00 TO 286+65 LT
284+00 TO 286+17 RT
D 4+22 TO D 5+00 LT

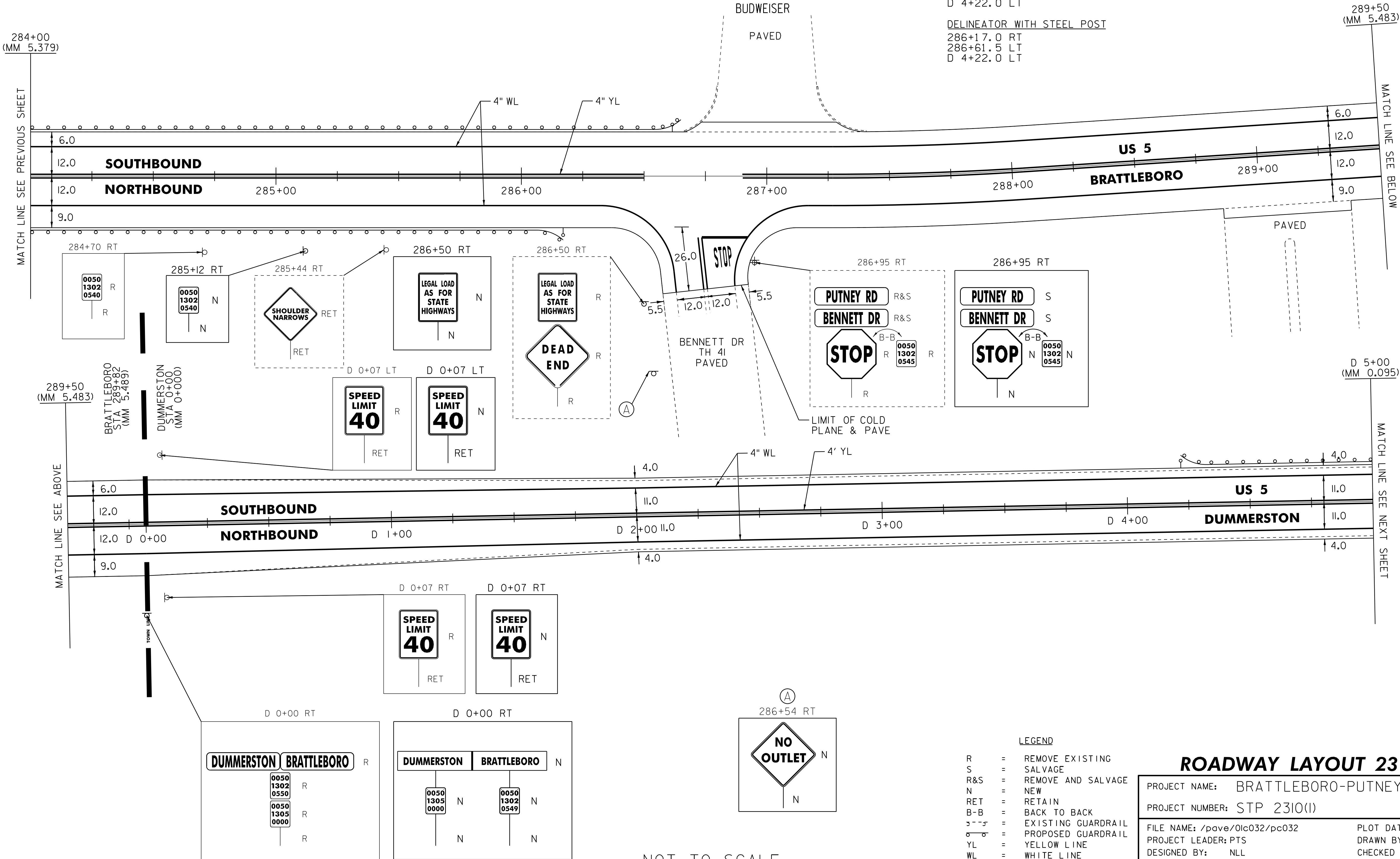
STEEL BEAM GUARDRAIL, GALVANIZED
284+00 TO 286+61.5 LT
284+00 TO 286+17.0 RT
D 4+22 TO D 5+00.0 LT

ANCHOR FOR STEEL BEAM RAIL
286+17.0 RT
286+61.5 LT
D 4+22.0 LT

DELINEATOR WITH STEEL POST
286+17.0 RT
286+61.5 LT
D 4+22.0 LT

REMOVING SIGNS
AS SHOWN - 12

ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
D 5+00 TO D 9+88 SOLID LT
D 5+00 TO D 15+50 SOLID RT
D 10+70 TO D 15+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 5+00 TO D 10+08 SOLID LT & RT
D 10+48 TO D 15+50 SOLID LT & RT

REMOVAL AND DISPOSAL OF GUARDRAIL
D 5+00 TO D 7+22 LT
D 10+48 TO D 15+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED
D 5+00.0 TO D 6+84.5 LT
D 10+48.0 TO D 15+50.0 LT

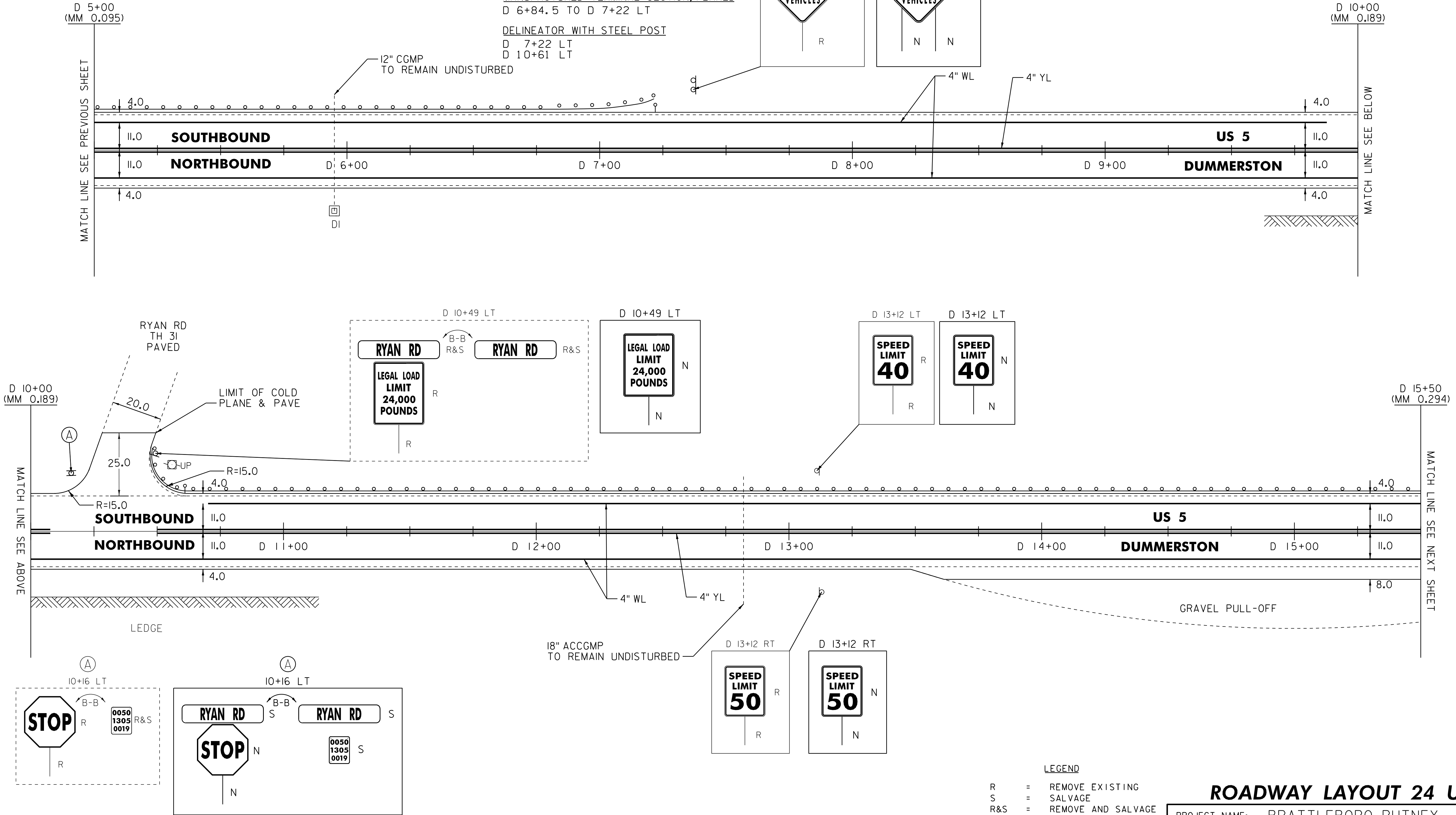
ANCHOR FOR STEEL BEAM RAIL
D 10+48 LT

MANUFACTURED TERMINAL SECTION, FLARED
D 6+84.5 TO D 7+22 LT

DELINEATOR WITH STEEL POST
D 7+22 LT
D 10+61 LT

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 3



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

ROADWAY LAYOUT 24 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032_48

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 48 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
D 15+50 TO D 26+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 15+50 TO D 26+00 SOLID LT & RT

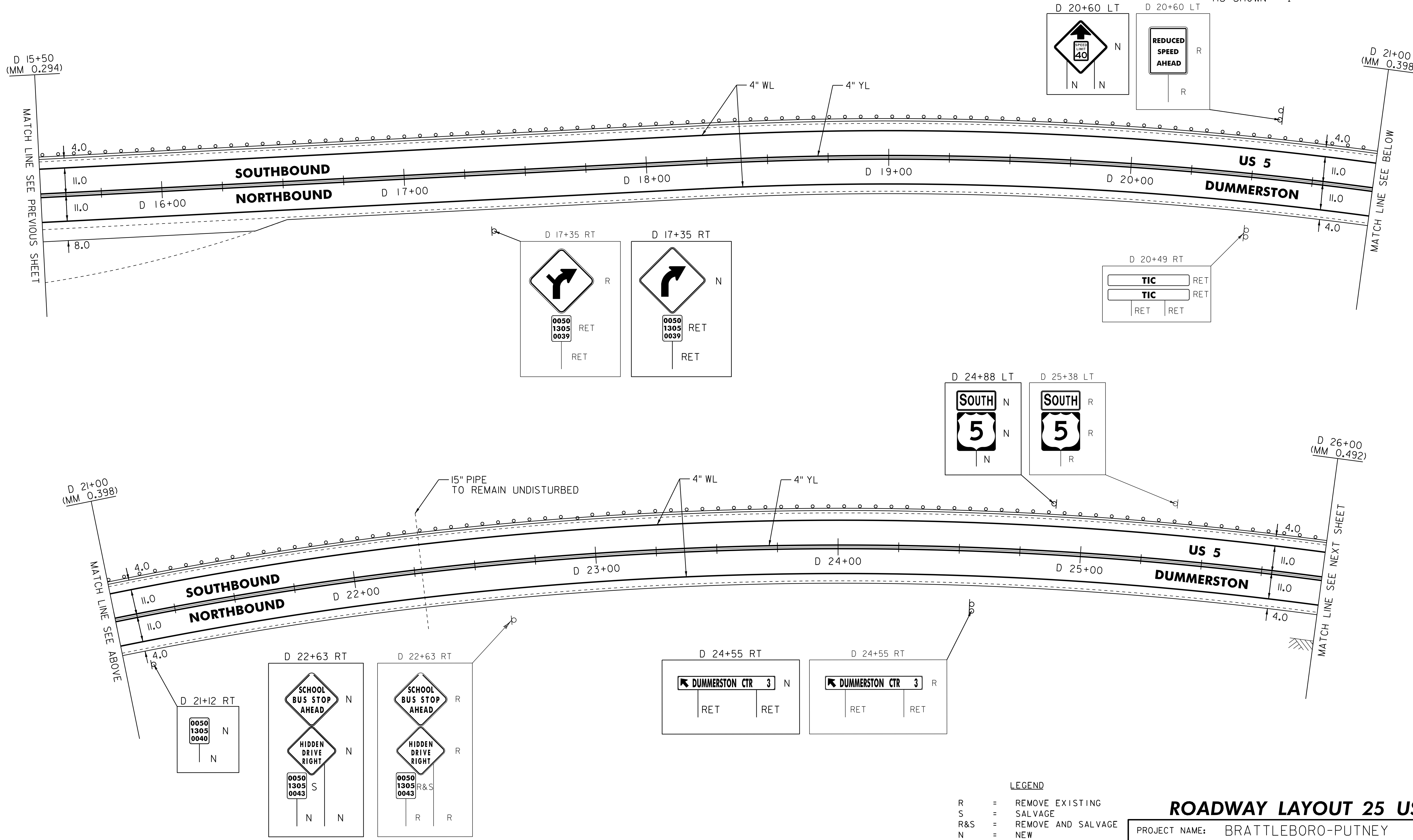
REMOVAL AND DISPOSAL OF GUARDRAIL
D 15+50 TO D 26+00 LT

STEEL BEAM GUARDRAIL, GALVANIZED
D 15+50 TO D 26+00 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS
D 25+78 TO 25+90 RT (3)

REMOVING SIGNS
AS SHOWN - 8

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
 - S-S = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 25 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.49

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 49 OF 118

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
D 26+00 TO D 27+40 SOLID LT
D 26+00 TO D 31+50 SOLID RT
D 27+40 TO D 28+05 SOLID LT (TH 2)
D 28+12 TO D 28+13 SOLID LT (TH 2)
D 28+13 TO D 31+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 26+00 TO D 27+60 SOLID LT & RT
D 27+80 DOUBLE SOLID LT (TH 2)
D 28+00 TO D 31+50 SOLID LT & RT

TEMPORARY 24" STOP BAR, PAINT
DURABLE 24" STOP BAR, THERMOPLASTIC
D 27+55 TO D 27+78 LT (TH 2)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
D 27+70 LT - STOP (TH 2)

REMOVAL AND DISPOSAL OF GUARDRAIL
D 26+00 TO D 26+53 LT

STEEL BEAM GUARDRAIL, GALVANIZED
D 26+00.0 TO D 26+15.5 LT

MANUFACTURED TERMINAL SECTION, FLARED
D 26+15.5 TO D 26+53 LT

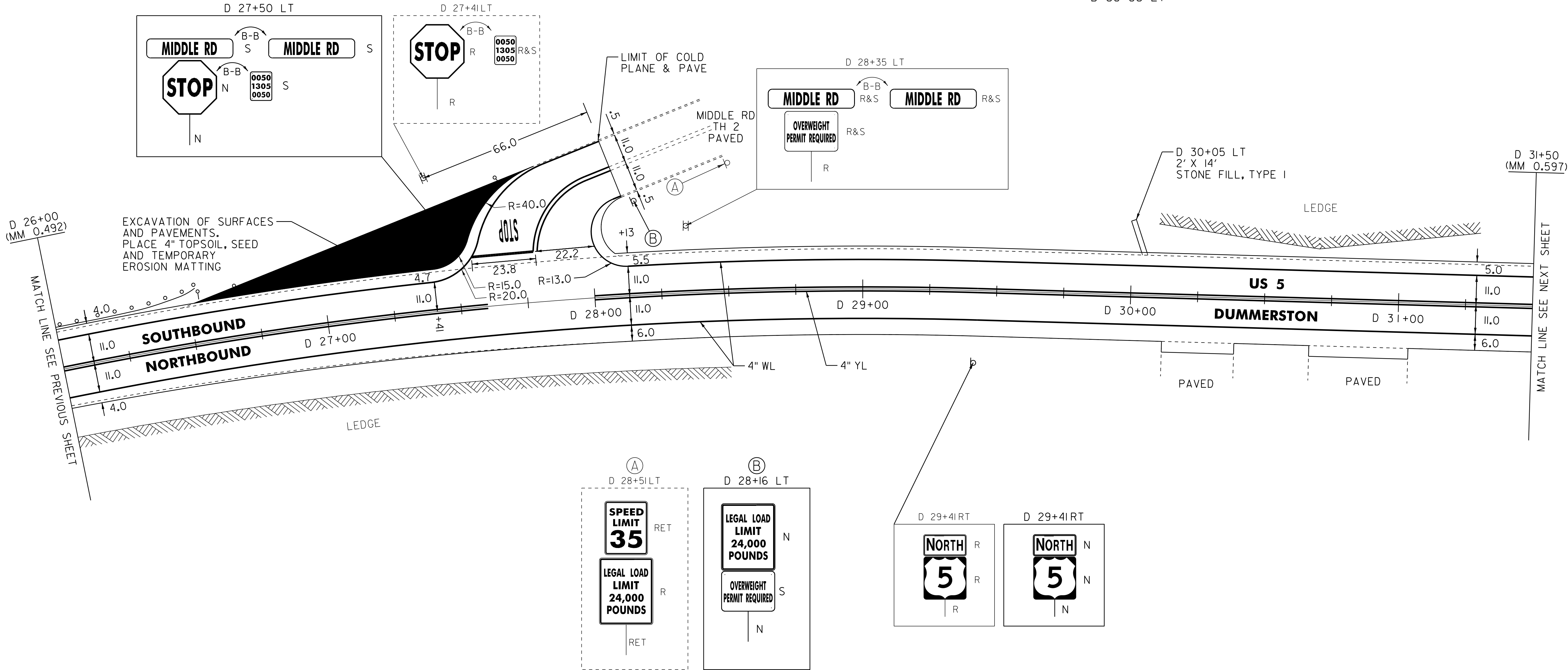
DELINEATOR WITH STEEL POST
D 26+53 LT
D 26+54 TO D 27+68 LT

EXCAVATION OF SURFACES AND PAVEMENTS
D 26+53 LT
D 26+67 TO D 27+68 LT (12)

STONE FILL, TYPE I
D 30+05 LT

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 4



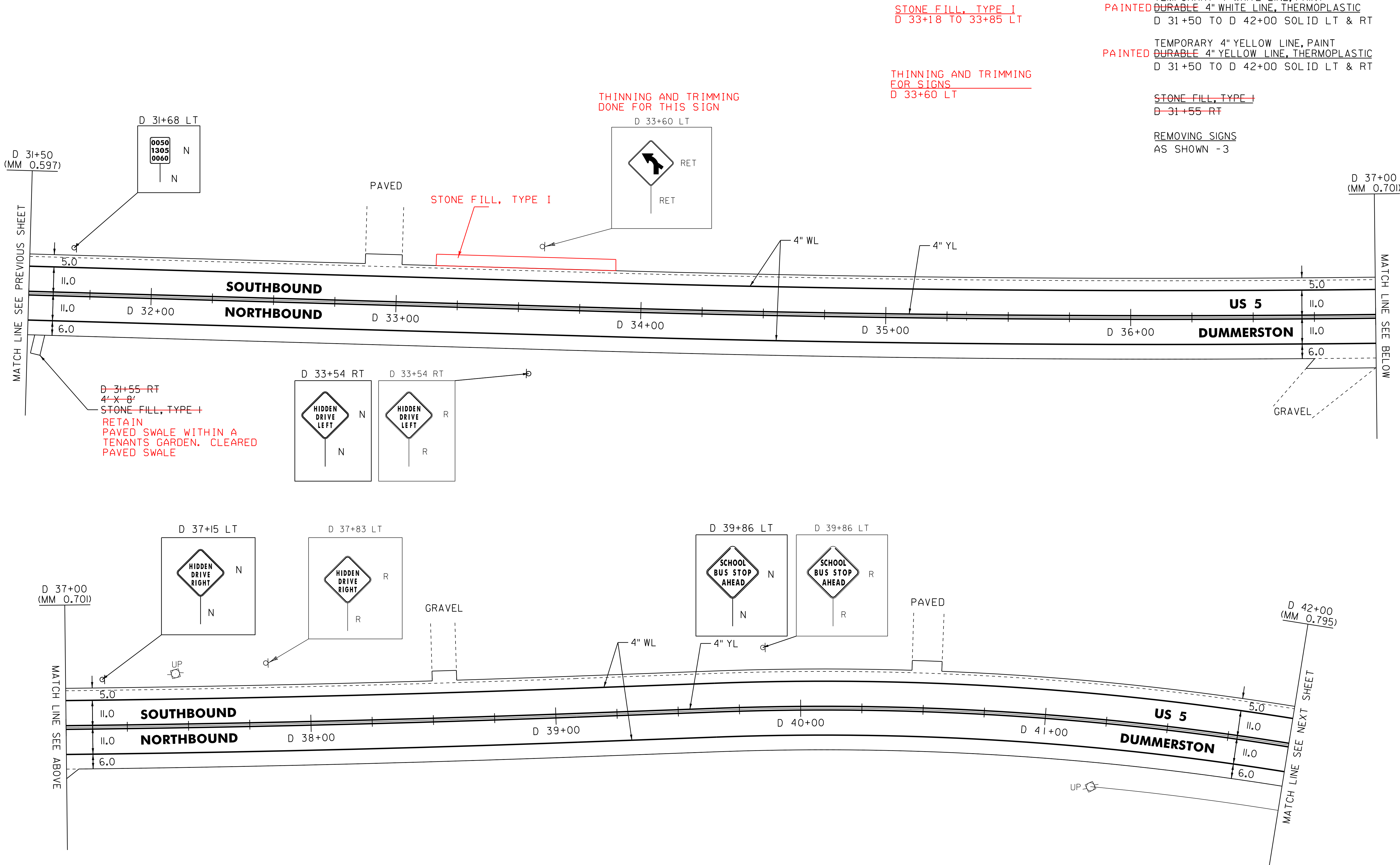
LEGEND

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

ROADWAY LAYOUT 26 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(1)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.50	SHEET 50 OF 118

NOT TO SCALE



NOT TO SCALE

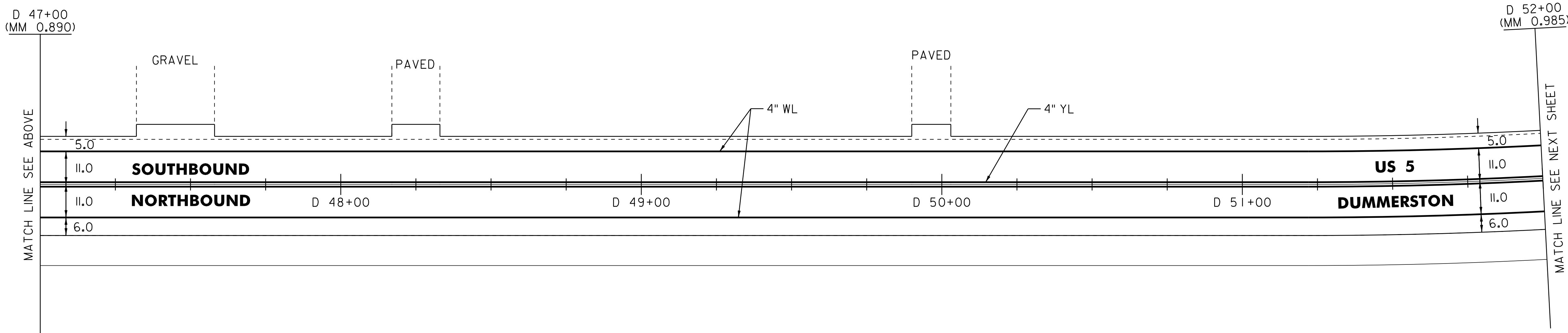
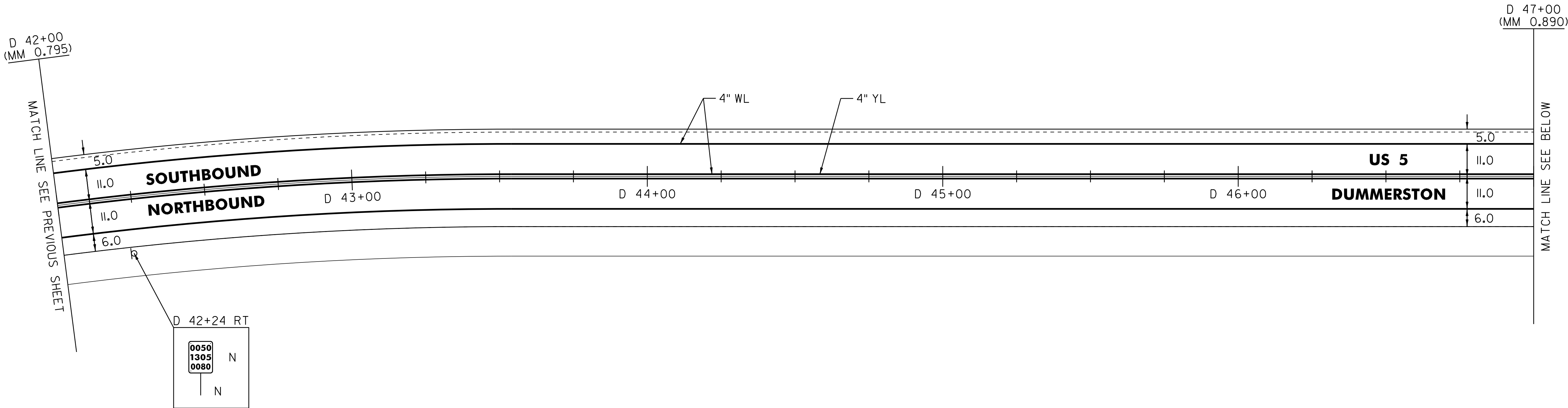
- LEGEND**
- R = REMOVE EXISTING
 - S = SALVAGE
 - R&S = REMOVE AND SALVAGE
 - N = NEW
 - RET = RETAIN
 - B-B = BACK TO BACK
 - = EXISTING GUARDRAIL
 - = PROPOSED GUARDRAIL
 - YL = YELLOW LINE
 - WL = WHITE LINE
 - = DELINEATOR

ROADWAY LAYOUT 27 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT NUMBER: STP 2310(1)	PROJECT LEADER: PTS	DRAWN BY: WWG
	DESIGNED BY: NLL	CHECKED BY: NLL/PTS
	IPARM FILE NAME: 01C032.51	SHEET 51 OF 118

TEMPORARY 4" WHITE LINE, PAINT
~~PAINTED DURABLE~~ 4" WHITE LINE, THERMOPLASTIC
D 42+00 TO D 52+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
~~PAINTED DURABLE~~ 4" YELLOW LINE, THERMOPLASTIC
D 42+00 TO D 52+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
- o = DELINEATOR

ROADWAY LAYOUT 28 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.52	SHEET 52 OF 118

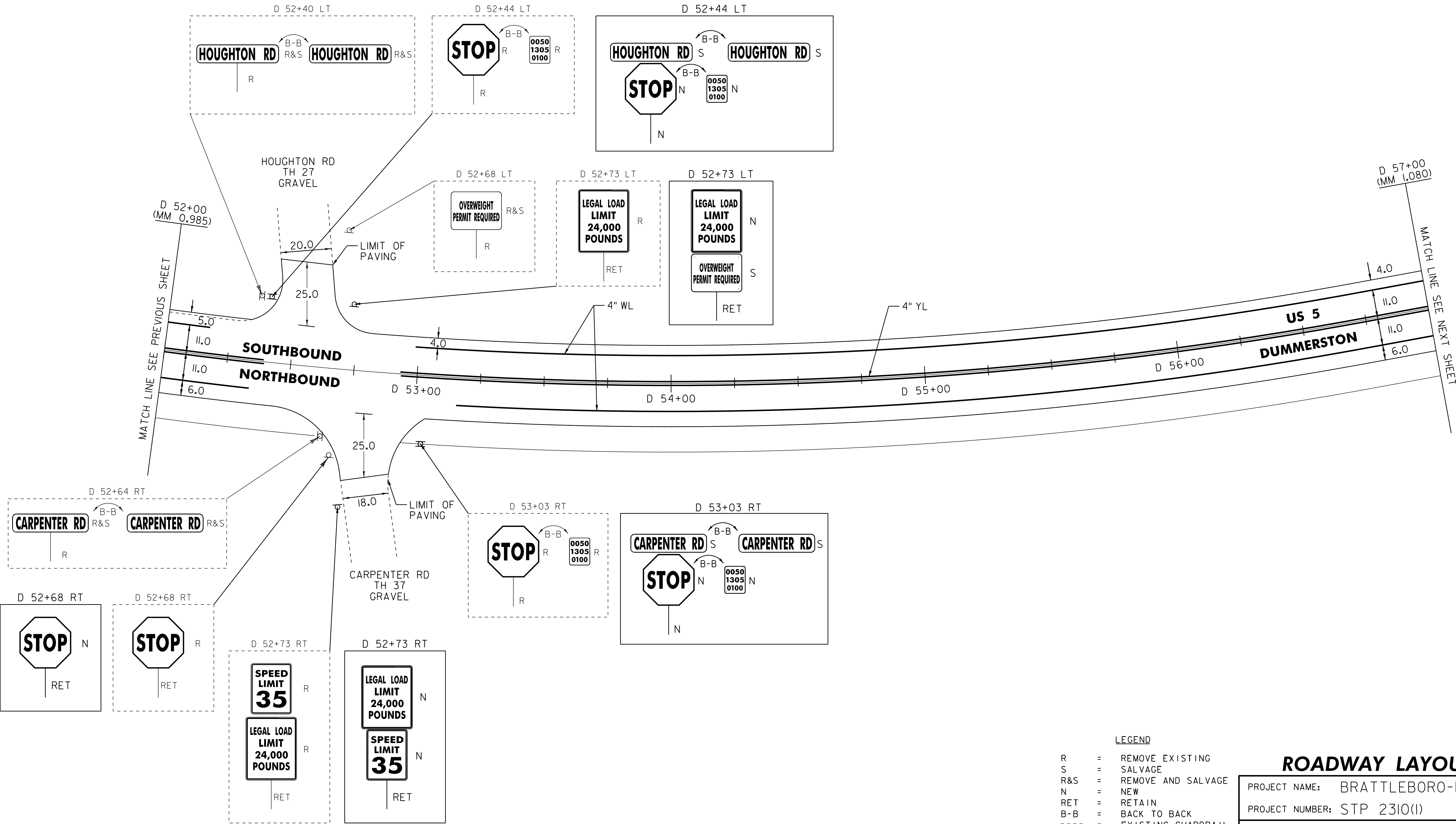
NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
~~PAINTED DURABLE~~ 4" WHITE LINE, THERMOPLASTIC
D 52+00 TO D 52+17 SOLID LT
D 52+00 TO D 52+35 SOLID RT
D 52+99 TO D 57+00 SOLID LT
D 53+16 TO D 57+00 SOLID RT

REMOVING SIGNS
AS SHOWN - 13

ERECTING SALVAGED SIGNS
AS SHOWN - 5

TEMPORARY 4" YELLOW LINE, PAINT
~~PAINTED DURABLE~~ 4" YELLOW LINE, THERMOPLASTIC
D 52+00 TO D 52+40 SOLID LT & RT
D 52+94 TO D 57+00 SOLID LT & RT



LEGEND

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

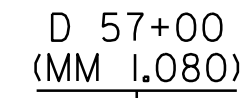
ROADWAY LAYOUT 29 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.53	SHEET 53 OF 118

NOT TO SCALE

PAINTED TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 57+00 TO D 67+00 SOLID LT & RT

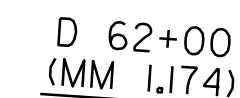
REMOVING SIGNS
AS SHOWN - 2



MATCH LINE SEE PREVIOUS SHEET

D 62+00
(MM 1.174)

MATCH LINE SEE BELOW



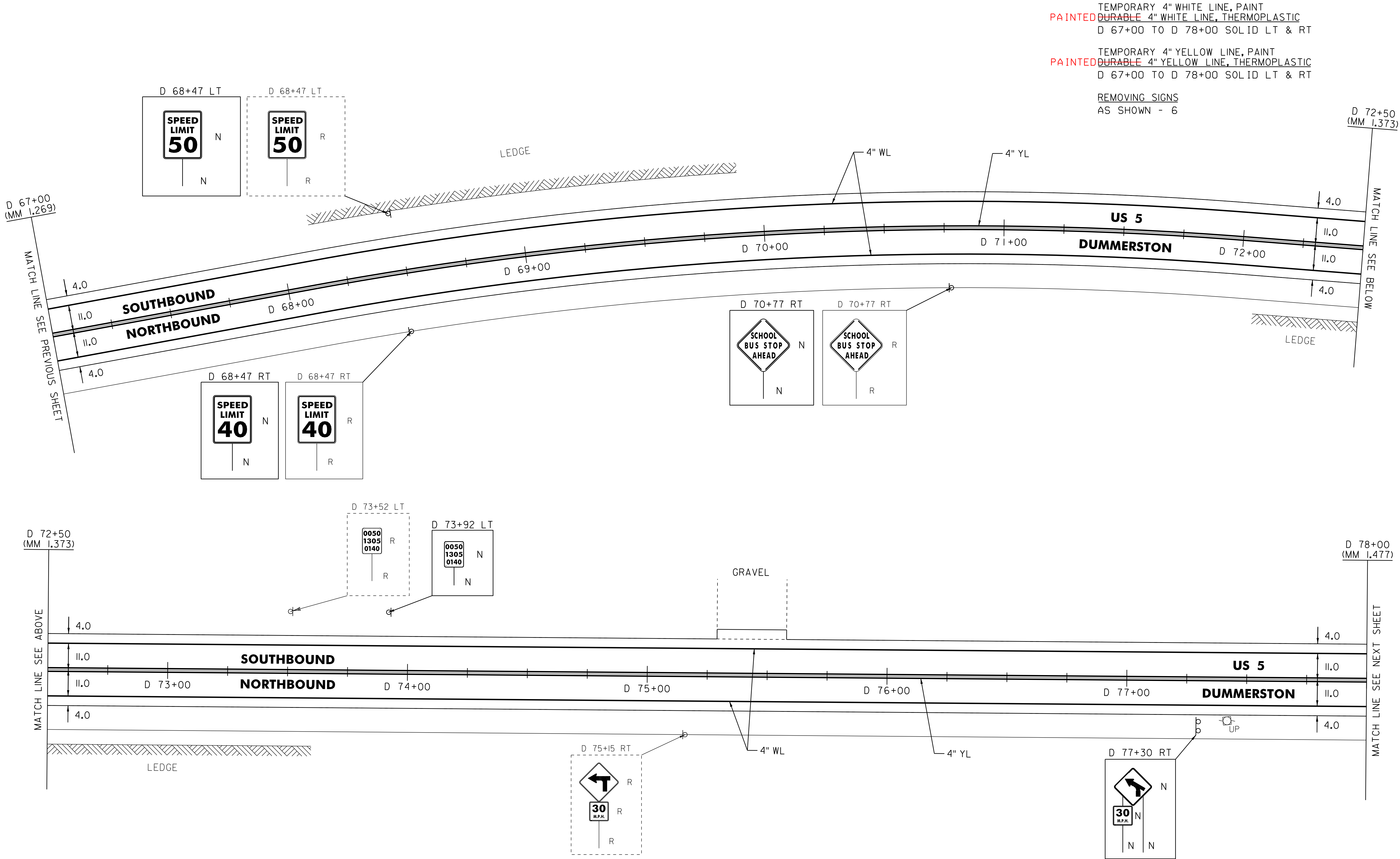
MATCH LINE SEE ABOVE

D 67+00
(MM 1.269)

MATCH LINE SEE NEXT SHEET

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
3'-3'	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: OIC032_54	SHEET 54 OF 118



TEMPORARY 4" WHITE LINE, PAINT
PAINTED DURABLE 4" WHITE LINE, THERMOPLASTIC
D 67+00 TO D 78+00 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
PAINTED DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 67+00 TO D 78+00 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 6

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 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.55
PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 55 OF 118

NOT TO SCALE

TEMPORARY 4" WHITE LINE, PAINT
~~PAINTED Durable~~ 4" WHITE LINE, THERMOPLASTIC
D 78+00 TO D 79+25 SOLID RT
D 78+00 TO D 83+00 SOLID LT
D 80+03 TO D 83+00 SOLID RT

TEMPORARY 4" YELLOW LINE, PAINT
~~PAINTED Durable~~ 4" YELLOW LINE, THERMOPLASTIC
D 78+00 TO D 79+32 SOLID LT & RT
D 79+72 TO D 83+00 SOLID LT & RT

BITUMINOUS GUTTERS
AND TRAFFIC ISLANDS
D 78+00 TO 80+28 LT

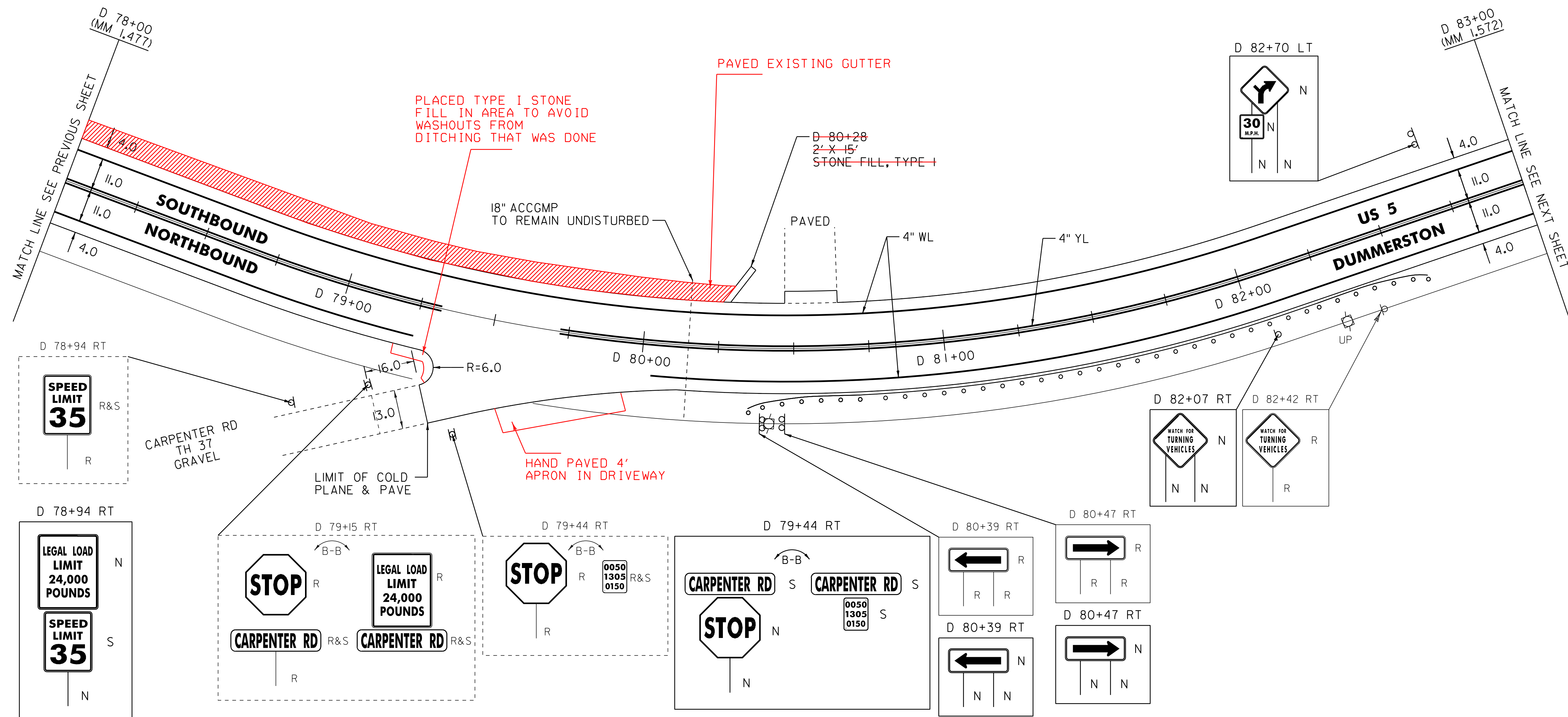
REMOVAL AND DISPOSAL OF GUARDRAIL
D 80+35 TO D 82+60 RT

ANCHORS FOR STEEL BEAM GUARDRAIL
STEEL BEAM GUARDRAIL, GALVANIZED
D 80+72.5 TO D 82+22.5 RT
35 60

~~MANUFACTURED TERMINAL SECTION, FLARED~~
D 80+35.0 TO D 80+72.5 RT
D 82+22.5 TO D 82+60.0 RT

DELINEATOR WITH STEEL POST
D 80+35 RT
D 82+60 RT

STONE FILL, TYPE I
~~D 80+28 LT~~
D 79+26 RT



LEGEND

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

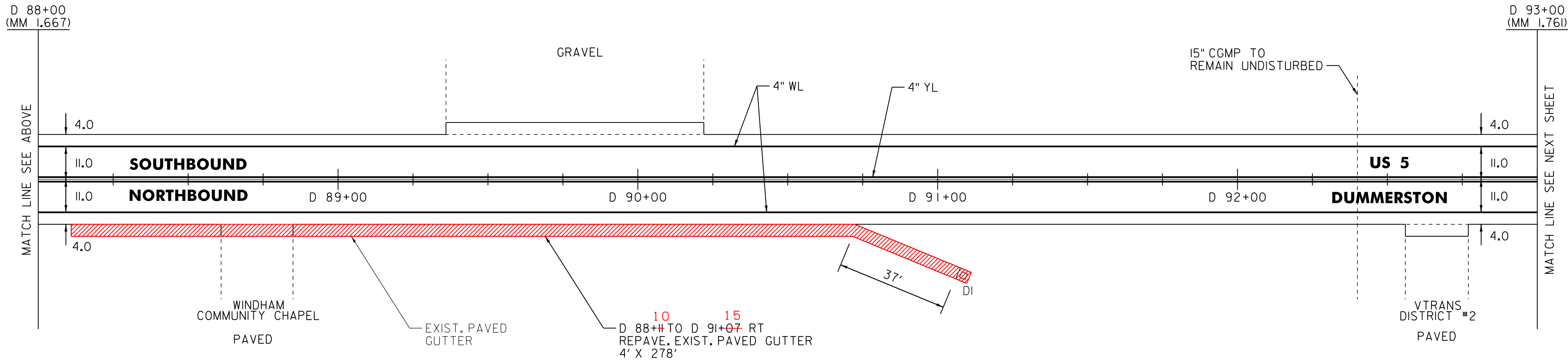
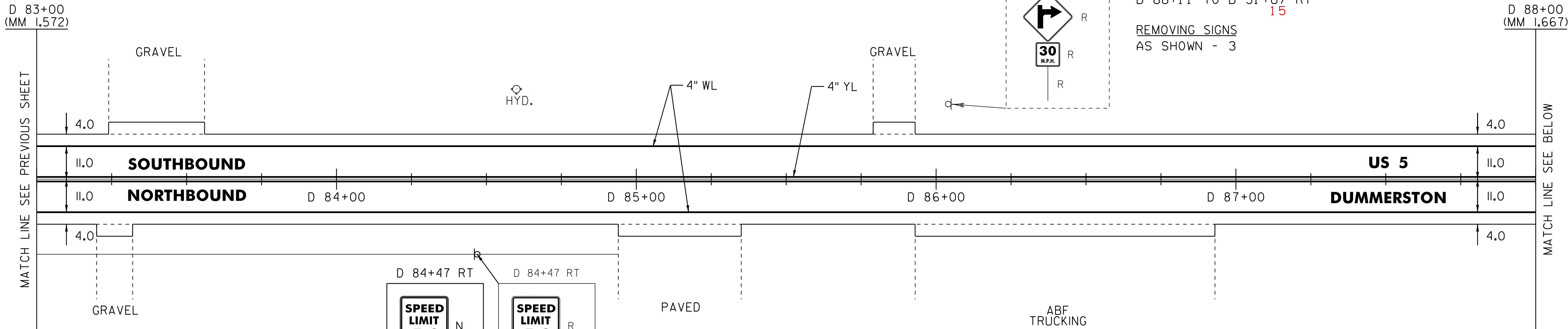
ROADWAY LAYOUT 32 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.56

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 56 OF 118

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 33 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

IPARM FILE NAME: 01C032.57

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 57 OF 118

NOT TO SCALE

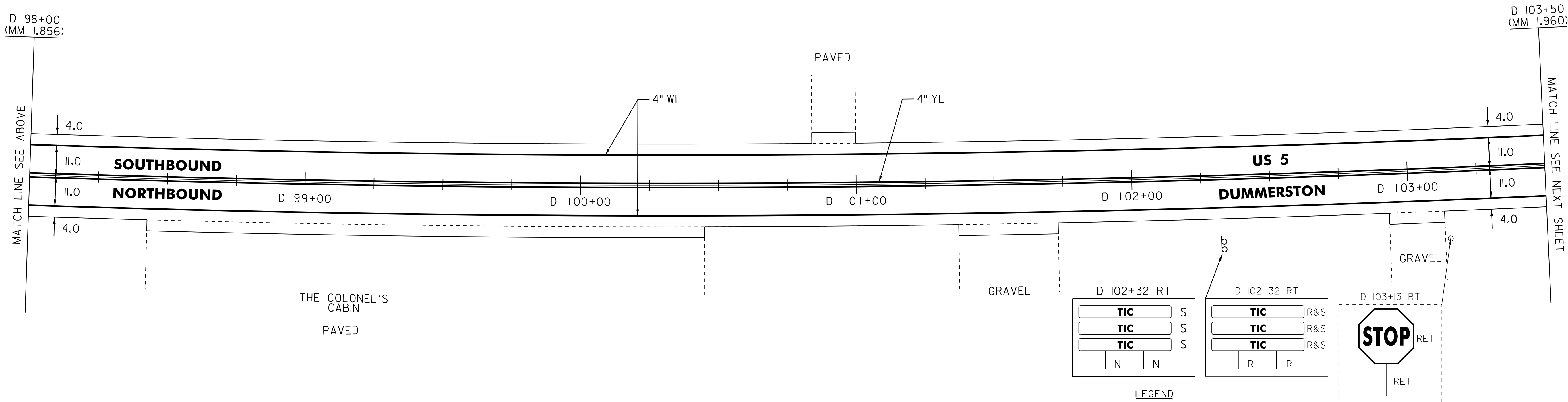
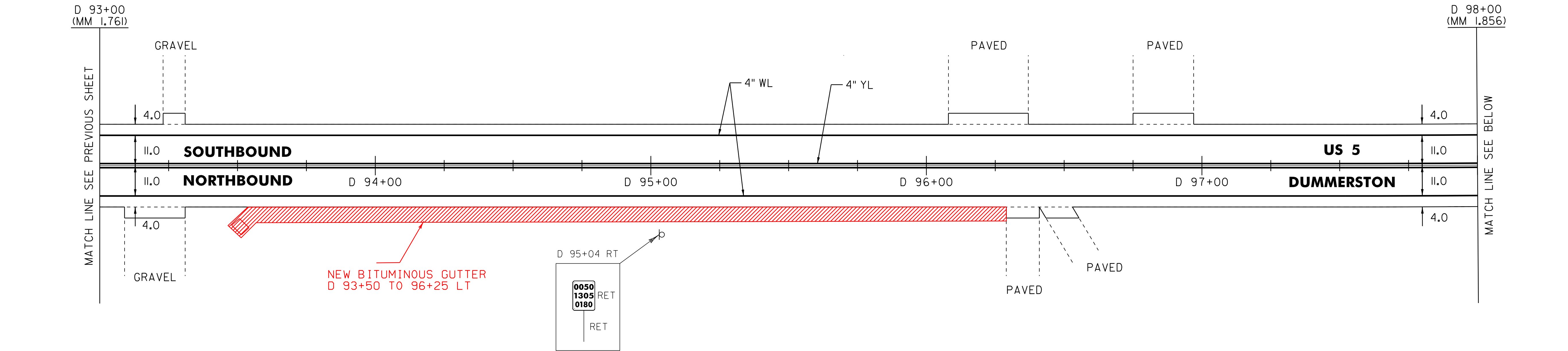
BITUMINOUS GUTTERS
& TRAFFIC ISLANDS
D 93+50 TO 96+25 LT

TEMPORARY 4" WHITE LINE, PAINT
DURABLE 4" WHITE LINE, THERMOPLASTIC
D 93+00 TO D 103+50 SOLID LT & RT

TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 93+00 TO D 103+50 SOLID LT & RT

REMOVING SIGNS (NON PART.)
AS SHOWN - 3

ERECTING SALVAGED SIGNS (NON PART.)
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 34 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(1)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032.58	SHEET 58 OF 118

NOT TO SCALE

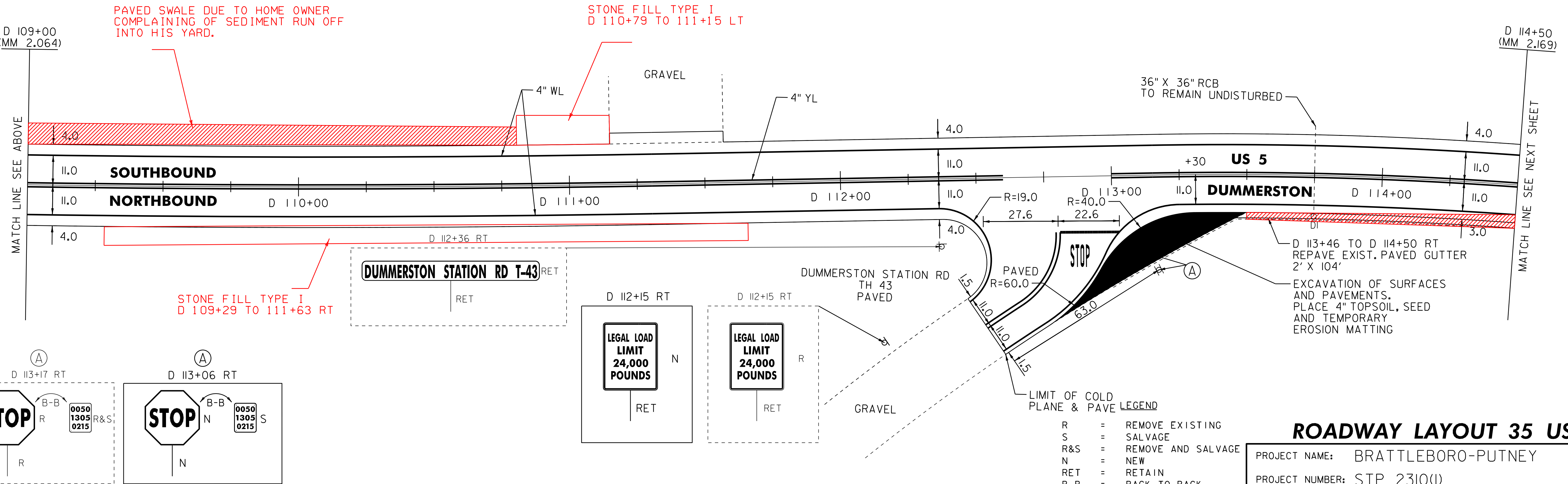
EXCAVATION OF SURFACES AND PAVEMENTS
D 112+76 TO D 113+50 RT

REMOVING SIGNS
AS SHOWN - 8

ERECTING SALVAGED SIGNS
AS SHOWN - 1

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
 D 112+88 RT - STOP (TH 43)

D 113+46 TO 114+50 RT
D 107+50 TO 110+79 LT
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
113+75 RT (DI)



OF COLD
ANE AND PAVE LEGEND

R	=	REMOVE EXISTING
S	=	SALVAGE
R&S	=	REMOVE AND SALVAGE
N	=	NEW
RET	=	RETAIN
B-B	=	BACK TO BACK
3---3	=	EXISTING GUARDRAIL
	=	PROPOSED GUARDRAIL
YL	=	YELLOW LINE
WL	=	WHITE LINE
	=	DELINEATOR

ROADWAY LAYOUT 35 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(1)

FILE NAME: /pave/0lc032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL
IPARM FILE NAME: OIC032_59

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS
SHEET 59 OF 118

PAINTED TEMPORARY 4" YELLOW LINE, PAINT
DURABLE 4" YELLOW LINE, THERMOPLASTIC
D 114+50 TO D 124+50 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
D 114+75 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

PROJECT NAME: BRATTLEBORO-PUTNEY	
PROJECT NUMBER: STP 2310(I)	
FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:
PROJECT LEADER: PTS	DRAWN BY: WWG
DESIGNED BY: NLL	CHECKED BY: NLL/PTS
IPARM FILE NAME: 01C032_60	SHEET 60 OF 118



TEMPORARY 4" WHITE LINE, PAINT
~~PAINTED DURABLE~~ 4" WHITE LINE, THERMOPLASTIC
D 124+50 TO D 129+93 SOLID LT
D 124+50 TO D 134+50 SOLID RT
D 129+93 TO D 130+25 SOLID LT (TH 1)
D 130+56 TO D 130+78 SOLID LT (TH 1)
D 130+78 TO D 134+50 SOLID LT

TEMPORARY 4" YELLOW LINE, PAINT
~~PAINTED DURABLE~~ 4" YELLOW LINE, THERMOPLASTIC
D 124+50 TO D 130+10 SOLID LT & RT
D 130+31 DOUBLE SOLID LT (TH 1)
D 130+50 TO D 132+85 SOLID LT & RT
D 132+85 TO D 134+50 SOLID LT, DASHED RT

TEMPORARY 24" STOP BAR, PAINT
~~PAINTED DURABLE~~ 24" STOP BAR, THERMOPLASTIC
D 130+13 TO 130+30 LT (TH 1)

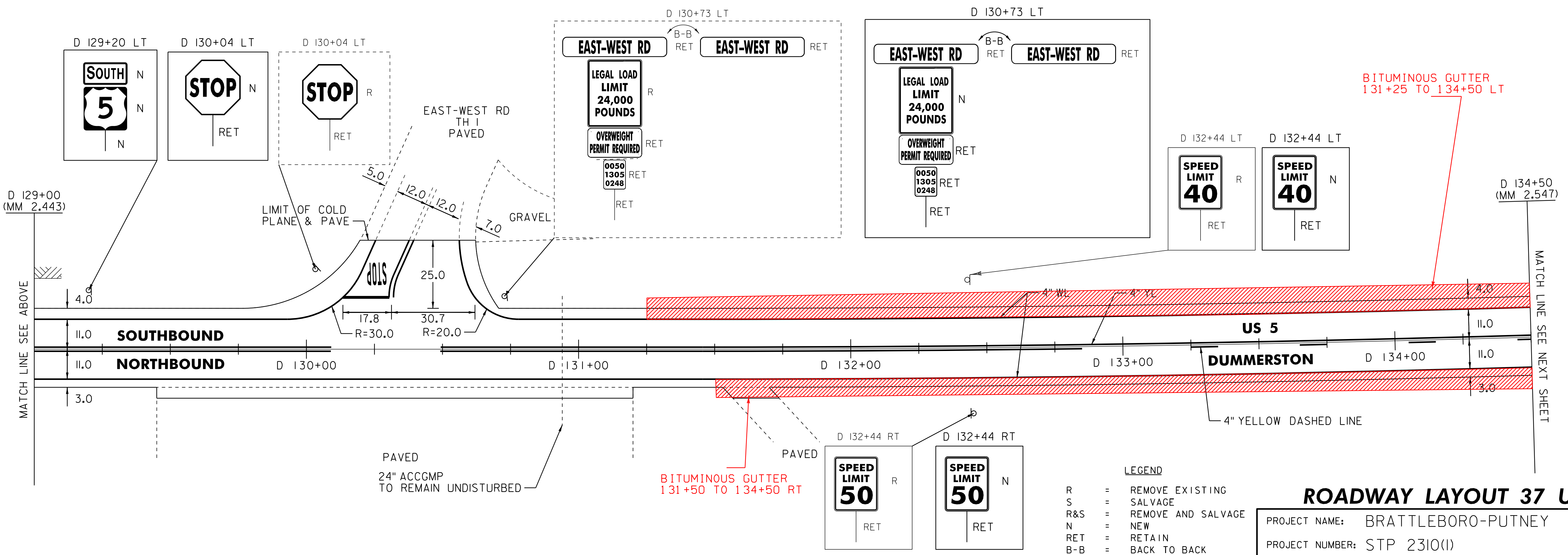
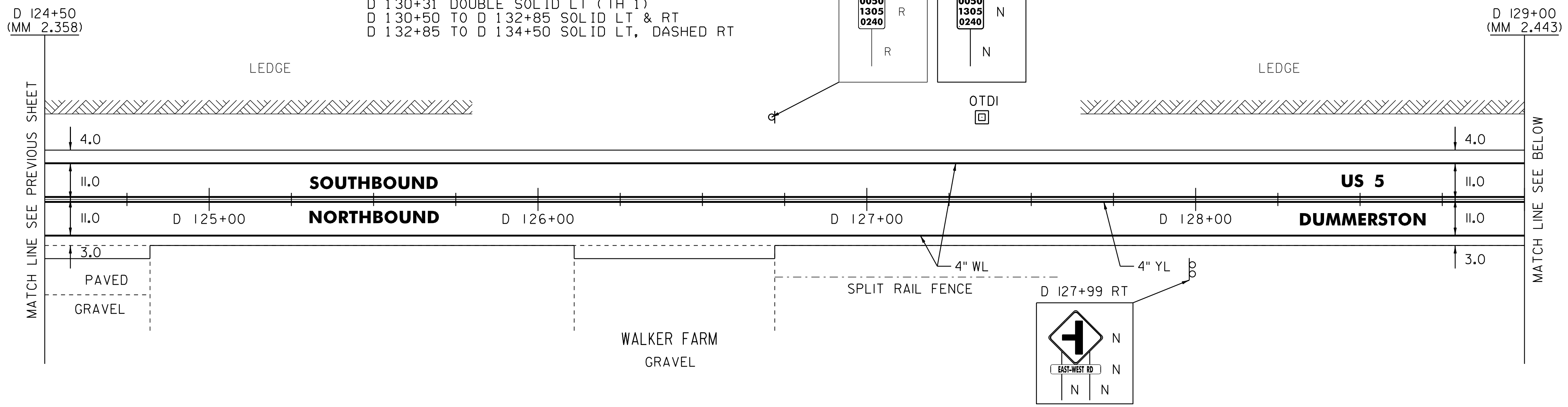
TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL, THERMOPLASTIC
D 130+26 LT - STOP (TH 1)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, II, OR III
D 127+35 LT (OTDI)

~~THINNING AND TRIMMING FOR SIGNS
(SEE DETAIL ON SHEET 6)
D 127+99 RT~~

REMOVING SIGNS
AS SHOWN - 5

BITUMINOUS CONCRETE GUTTERS
AND TRAFFIC ISLANDS
D 131+25 TO 134+50 LT
D 131+50 TO 134+50 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 37 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY

PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032

PROJECT LEADER: PTS

DESIGNED BY: NLL

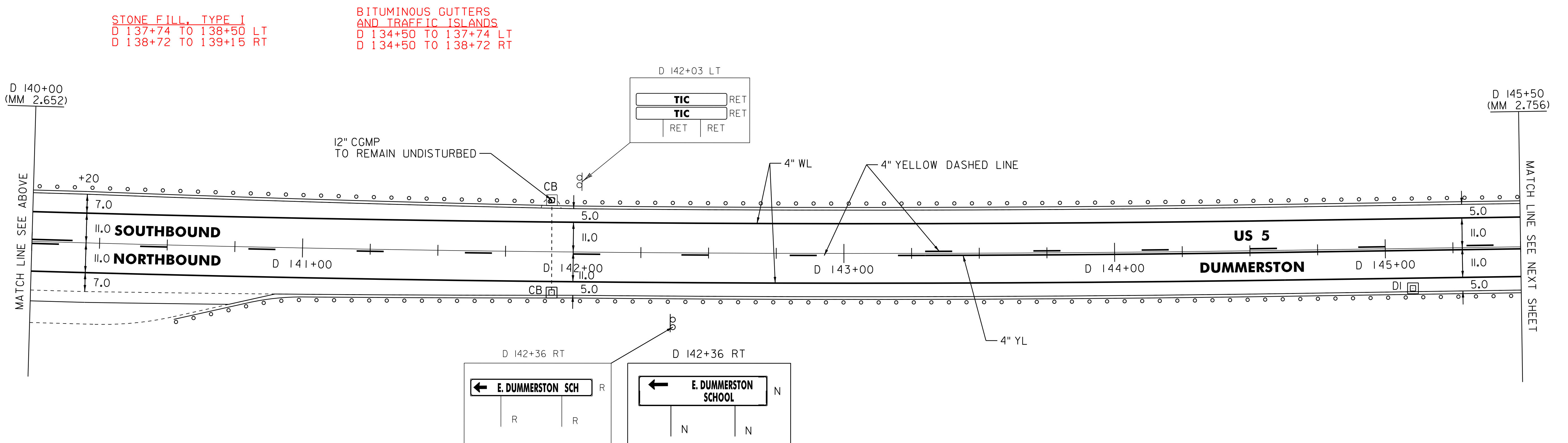
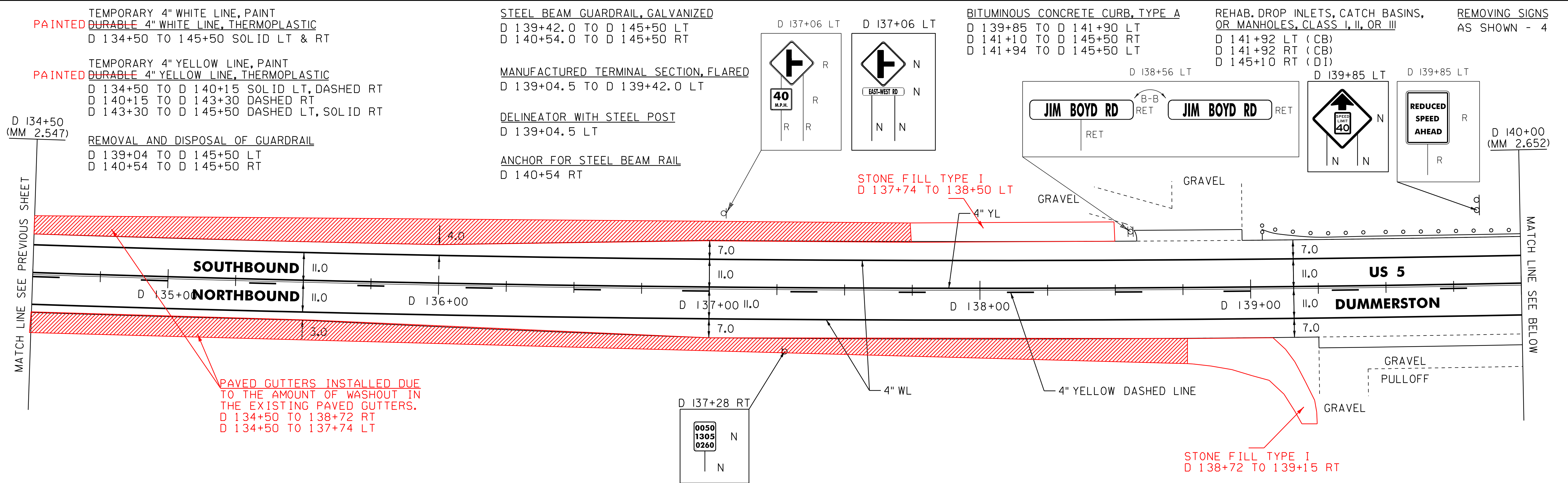
IPARM FILE NAME: 01C032_61

PLOT DATE: 02-MAY-2012 17:2

DRAWN BY: WWG

CHECKED BY: NLL/PTS

SHEET 61 OF 118



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 US 5

PROJECT NAME: BRATTLEBORO-PUTNEY
PROJECT NUMBER: STP 2310(I)

FILE NAME: /pave/01c032/pc032
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 01C032.62

PLOT DATE: 02-MAY-2012 17:2
DRAWN BY: WWG
CHECKED BY: NLL/PTS
SHEET 62 OF 118

NOT TO SCALE