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RECORD PLANS

CONTRACTOR: F.W. WHITCOMB CONSTRUCTION CORP. – WALPOLE, NH
RESIDENT ENGINEER: JOSH HULETT
CONSTRUCTION BEGAN: MAY 10, 2010
CONSTRUCTION COMPLETE: JUNE 6, 2011
RECORD PLANS BY: JOSH HULETT & DARREN CONNOLLY

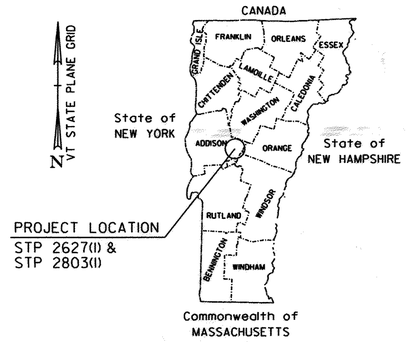
I HEREBY CERTIFY THAT ALL THE CONSTUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY Josh Hulett RESIDENT ENGINEER
DATE 9/10/2013

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

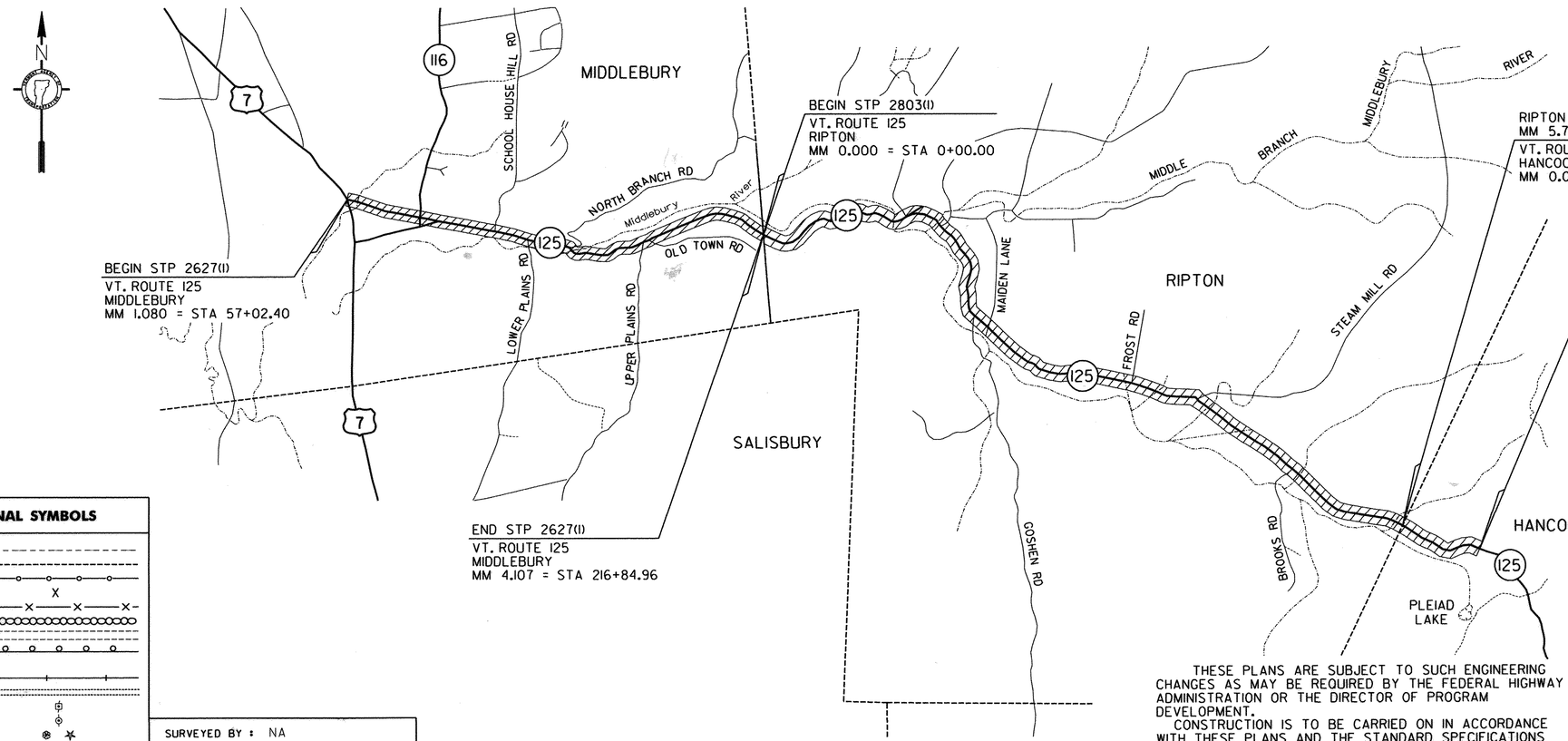
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
TOWNS OF MIDDLEBURY, RIPTON AND HANCOCK
COUNTY OF ADDISON
VT. ROUTE 125



MIDDLEBURY
STP 2627(1)
SEE SHEET 11
FOR ADDITIONAL PROJECT INFORMATION
AND THE SUPERPAVE DESIGN CRITERIA

RIPTON - HANCOCK
STP 2803(1)
SEE SHEET 50
FOR ADDITIONAL PROJECT INFORMATION
AND THE SUPERPAVE DESIGN CRITERIA



CONVENTIONAL SYMBOLS

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

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

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

STATE OF VERMONT
RODNEY A. BASCOM
No. 6581
REGISTERED PROFESSIONAL ENGINEER

PLANS PREPARED BY
Rodney A Bascom
Drawing Copyright © 2009
CHA

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED Justin Johnson DATE 1-11-10

PROJECT MANAGER : KEVIN MARSHIA

PROJECT NAME : MIDDLEBURY & RIPTON - HANCOCK
PROJECT NUMBER : STP 2627(1) & STP 2803(1)

SHEET 1 OF 114 SHEETS

FILE NAME = U:\17762\CADD\MSTN\STP 2803\p08ci60_comp_cov.dgn
DATE/TIME = 12/10/2009
USER = rkj

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D-6	6-1-94
D-8	1-3-00
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D-15	6-1-94
D-30	8-13-07
E-100	1-2-04
E-100A	1-2-04
E-101	5-30-03
E-102	6-30-03
E-102A	5-1-04
E-106	3-1-04
E-107	6-30-03
E-107A	6-8-09
E-108A	6-8-09
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G-1D	1-3-00
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SB-R6-82	1-6-95

COMPOSITE INDEX OF SHEETS

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p06c058ind.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 2 OF 114

COMPOSITE QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2627(I)			STP 2803(I)			SUMMARY OF ESTIMATED QUANTITIES				
BRIDGE	FULL C.E.	ROADWAY	BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		350				350	CY	UNCLASSIFIED EXCAVATION	203.17	
		275			575	850	CY	EARTH BORROW	203.30	
		500			4460	4960	CY	TRENCH EXCAVATION OF EARTH	204.20	
		1			1	2	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	
					75	**75**	**CY**	**•• GRANULAR BACKFILL FOR STRUCTURES**	**204.30**	
		2000			600	2600	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	
		4300			15,000	19,300	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	
		30				30	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
		65			60	125	TON	SUBBASE, RAP	301.40	
		23,500			101,000	124,500	SY	RECLAIMED STABILIZED BASE	310.20	
		500			2700	3200	TON	AGGREGATE SHOULDERS	402.12	
		150				150	TON	AGGREGATE SHOULDERS, RAP	402.13	
		125			245	370	CWT	EMULSIFIED ASPHALT	404.65	
		1			1	2	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	
								BEGIN OPTION AA		
		9200			26,500	35,700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	
		9200			26,500	35,700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	
		9200			26,500	35,700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	
		9200			26,500	35,700	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	
								END OPTION AA		
		1			1	2	LU	AIR VOIDS PAY ADJUSTMEMT (N.A.B.I.)	490.31	
		1			1	2	LU	MAT DENSITY PAY ADJUSTMEMT (N.A.B.I.)	490.32	
		1			1	2	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	
		1			1	2	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	
50			50			100	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	
238						238	LF	REMOVAL OF EXISTING RAILING	525.10	
238						238	LF	BRIDGE RAILING REPAIR, TYPE II	525.60	
50			50			100	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	
								BEGIN OPTION BB		
					315	315	LF	18" CSP .064 (2-2/3 x 1/2)	601.0015	
					315	315	LF	18" RCP CLASS III	601.0815	
					315	315	LF	18" CPEP (SL)	601.2615	
								END OPTION BB		
		30				30	LF	15" CPEP	601.0910	
								BEGIN OPTION CC		
					1	1	EA	18" CSPES .064 (2-2/3 x 1/2)	601.6015	
					1	1	EA	18" RCPES CLASS III	601.6815	
					1	1	EA	18" CPEPES	601.7015	
								END OPTION CC		
					3	3	EA	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	604.18	
		6			2	8	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS I	604.412	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 204.30, GRANULAR BACKFILL FOR STRUCTURES

COMPOSITE QUANTITY SHEET #1

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quanl.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 3 OF 114

COMPOSITE QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2627(I)				STP 2803(I)			SUMMARY OF ESTIMATED QUANTITIES				
ROADWAY(NO STATE/FEDERAL PARTICIPATION)	BRIDGE	FULL C.E.	ROADWAY	BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
			5			1	6	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS II	604.415	
			5			1	6	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS III	604.418	
			1000			8100	9100	LF	6 INCH UNDERDRAIN PIPE	605.10	
			10			80	90	EA	UNDERDRAIN FLUSHING BASIN	605.95	
			250			500	750	HR	POWER GRADER RENTAL	608.15	
			75			100	175	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	
			100			175	275	HR	POWER BROOM RENTAL, TYPE I	608.30	
			100			50	150	HR	POWER BROOM RENTAL, TYPE II	608.31	
			125			150	275	HR	TRUCK RENTAL	608.37	
			200			350	550	HR	LOADER RENTAL, TYPE I	608.40	
			5			10	15	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	
			200			1700	1900	CY	STONE FILL, TYPE I	613.10	
			400				400	CY	STONE FILL, TYPE II	613.11	
						700	700	LF	TREATED TIMBER CURB	616.35	
						55	55	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	
			45				45	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	
			100				100	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	
			170				170	SF	DETECTABLE WARNING SURFACE	618.30	
			40			100	140	EA	YIELDING MARKER POSTS	619.17	
			1400				1400	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	
			100				100	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	
			175				175	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	
			5				5	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	
			5				5	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	
			1000			**1000**	**2000**	**LF**	**•• ADJUST HEIGHT OF GUARDRAIL**	**621.79**	
			4700			4500	9200	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	
8							8	EA	ADJUST ELEVATION OF VALVE BOX	629.20	
			1700			2700	4400	HR	UNIFORMED TRAFFIC OFFICERS	630.10	
			2500			4000	6500	HR	FLAGGERS	630.15	
		0.5			0.5		1	LS	FIELD OFFICE, ENGINEERS	631.10	
		0.5			0.5		1	LS	TESTING EQUIPMENT, CONCRETE	631.16	
		0.5			0.5		1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	
		0.5			0.5		1	LU	FIELD OFFICE, TELEPHONE (N.A.B.I.)	631.25	
			0.5			0.5	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	
			1				1	LS	TRAFFIC CONTROL (STP 2627(I))	641.10	
						1	1	LS	TRAFFIC CONTROL (STP 2803(I))	641.10	
			4			1	5	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	
			32,500			70,000	102,500	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 621.79, ADJUST HEIGHT OF GUARDRAIL

COMPOSITE QUANTITY SHEET #2

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quan2.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 4 OF 114

COMPOSITE QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STP 2627(I)			STP 2803(I)			SUMMARY OF ESTIMATED QUANTITIES				
BRIDGE	FULL C.E.	ROADWAY	BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		33,000			66,000	99,000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	
		200			20	220	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	
		150			70	220	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	
		79			24	103	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	
		300				300	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	
		32,500			70,000	102,500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	
		33,000			66,000	99,000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	
		150			70	220	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	
		79			24	103	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	
		300				300	EA	TEMPORARY CROSSWALK MARKING, PAINT	646.702	
		7200			7800	15,000	EA	LINE STRIPING TARGETS	646.76	
		2600			7500	10,100	SY	GEOTEXTILE UNDER STONE FILL	649.31	
		75			115	190	LB	SEED	651.15	
		380			400	780	LB	FERTILIZER	651.18	
		2			1	3	TON	AGRICULTURAL LIMESTONE	651.20	
		165			50	215	CY	TOPSOIL	651.35	
		760			4000	4760	SY	TEMPORARY EROSION MATTING	653.20	
		455			656	1111	SF	TRAFFIC SIGNS, TYPE A	675.20	
		225				225	LB	TUBULAR STEEL SIGN POST	675.33	
		1225			2125	3350	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	
		2				2	EA	FOUNDATION FOR TUBULAR STEEL SIGN POST	675.43	
		134			169	303	EA	REMOVING SIGNS	675.50	
		29			19	48	EA	ERECTING SALVAGED SIGNS	675.60	
		7			23	30	EA	DELINEATOR WITH STEEL POST	676.10	
		1			1	2	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	
					1	1	CY	SPECIAL PROVISION (CONTROLLED DENSITY (FLOWABLE) FILL)	900.608	
		2			23	25	EA	SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)	900.620	
					1	1	EA	SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, TANGENT/WEATHERING)	900.620	
		100			**900**	**1000**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL)**	**900.640**	
		100			**900**	**1000**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL)**	**900.640**	
					75	75	LF	SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED)	900.640	
					50	50	LF	SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED W/8 FEET POSTS)	900.640	
		2200			4550	6750	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)	900.640	
		800				800	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)	900.640	
		850			700	1550	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL DRIVES)	900.675	
		23,500			101,000	124,500	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	
		325			1350	1675	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	
		300			1275	1575	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL) AND ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL). REMOVED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING).

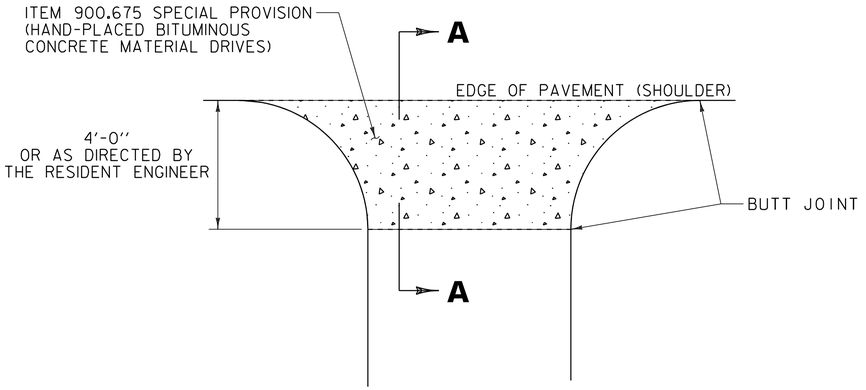
COMPOSITE QUANTITY SHEET #3

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

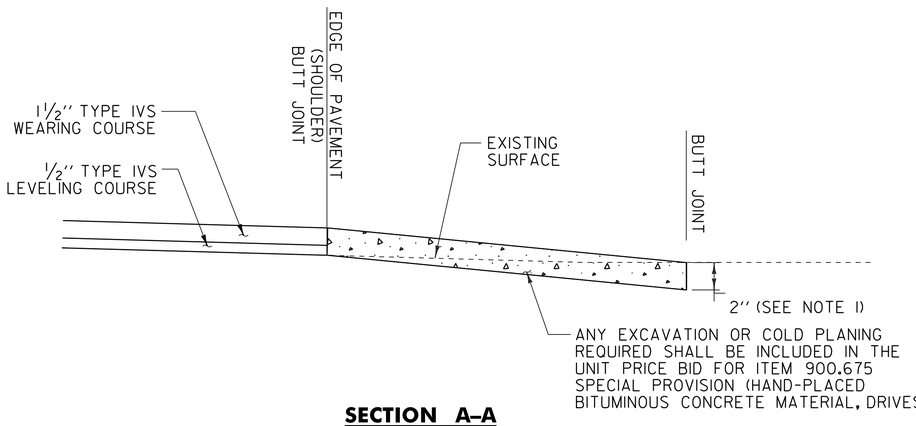
PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quan3.i

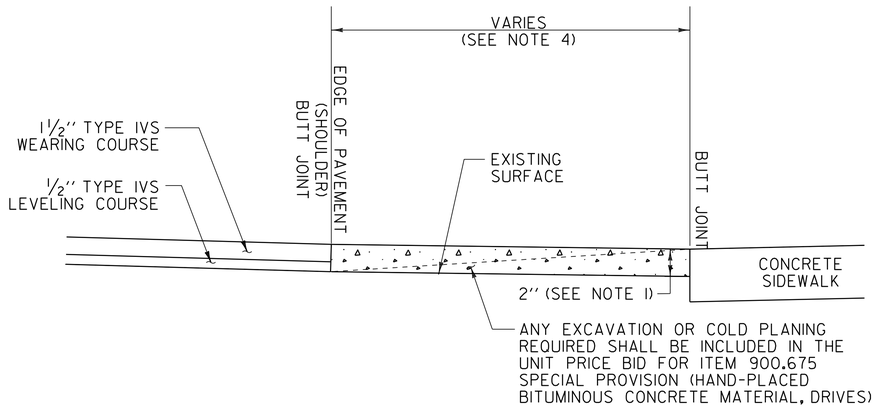
PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 5 OF 114



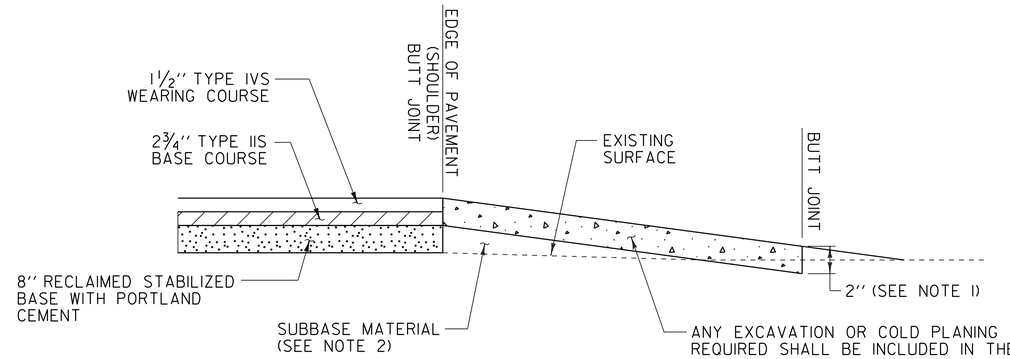
PLAN



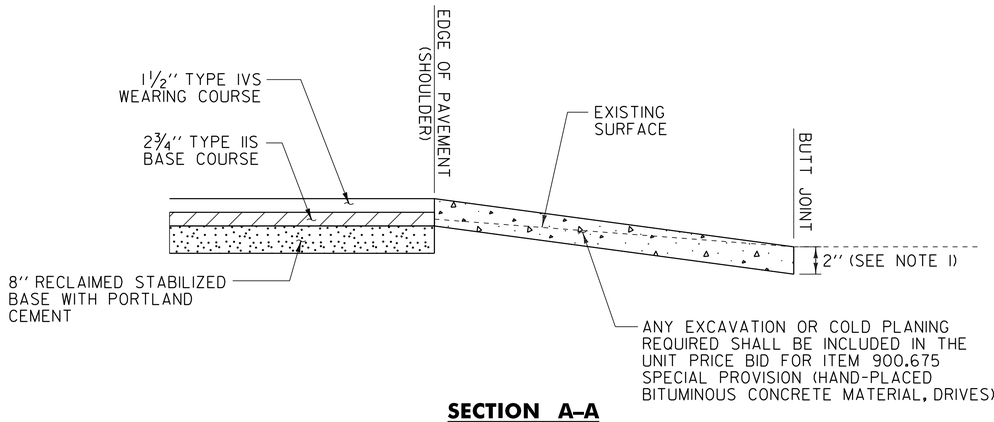
SECTION A–A
OVERLAY AREAS



SECTION A–A
OVERLAY AREAS WITH SIDEWALK



SECTION A–A
FILL SECTION



SECTION A–A
CUT SECTION

RECLAIM AREAS

NOTES:

1. PAVING LIFT NOT TO EXCEED 2".
2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
3. EXCAVATION OR COLD PLANING NEEDED TO ACHIEVE PROPER DRIVE SLOPES WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).
4. THE CONTRACTOR SHALL PAVE TO THE EXISTING CONCRETE SIDEWALK AS DIRECTED BY THE THE RESIDENT ENGINEER.

LEGEND

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

NOT TO SCALE

COMPOSITE DRIVEWAY HANDWORK DETAILS SHEET

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60cdhd.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

Station	Offset	Length	Width	SF	SY (SF / 9)		Date Completed
57+42	LT	68	4	272.00	30.22		10/22/2010
64+42	LT	28.5	6.5	185.25	20.58		10/22/2010
65+15	RT	27.5	4	110.00	12.22		10/22/2010
68+33	RT	27.5	4	110.00	12.22		10/22/2010
68+49	LT	23	4	92.00	10.22		10/22/2010
70+83	RT	17.5	4	70.00	7.78		10/22/2010
71+18	RT	18.5	4	74.00	8.22		10/22/2010
74+04	RT	14	13.5	189.00	21.00		10/22/2010
75+22	RT	19	11	209.00	23.22		10/22/2010
76+47	LT	35.5	5	177.50	19.72		10/22/2010
78+25	LT	55.5	6.5	360.75	40.08		10/22/2010
79+80	LT	22	7	154.00	17.11		10/22/2010
81+32	LT	18	4	72.00	8.00		10/22/2010
81+88	RT	37	4	148.00	16.44		10/22/2010
84+70	LT	45	7	315.00	35.00		11/16/2010
87+20	LT	21	8	168.00	18.67		11/16/2010
87+80	RT	25.5	5.5	140.25	15.58		11/16/2010
88+22	RT	14	8	112.00	12.44		11/16/2010
89+10	RT	17	7	119.00	13.22		11/16/2010
91+97	LT	15	6	90.00	10.00		11/15/2010
92+80	LT	36	8	288.00	32.00		11/15/2010
94+09	RT	23	10.5	241.50	26.83		11/9/2010
94+70	LT	30	14	420.00	46.67		11/10/2010
95+48	LT	16	17	272.00	30.22		11/15/2010
95+50	RT	18	14	252.00	28.00		11/9/2010
96+18	RT	19	14	266.00	29.56		11/9/2010
96+62	LT	18.5	17.5	323.75	35.97		11/15/2010
97+37	RT	22	13	286.00	31.78		11/9/2010
98+00	RT	82.5	4	330.00	36.67		11/9/2010
98+56	LT	66	7	462.00	51.33		11/10/2010
98+89	RT	25	12.5	312.50	34.72		11/9/2010
99+54	LT	11.5	14	161.00	17.89		11/10/2010
99+79	LT	15	14	210.00	23.33		11/10/2010
		9	5.5	49.50	5.50		11/10/2010
100+00	RT	92	13	1196.00	132.89		11/9/2010
100+71	RT	13	13.5	175.50	19.50		11/9/2010
101+76	LT	12	9	108.00	12.00		11/10/2010
101+96	LT	15.5	8.5	131.75	14.64		11/10/2010
		4.5	6.5	29.25	3.25		11/10/2010
102+62	LT	15	9	135.00	15.00		11/10/2010
103+42	RT	18	14	252.00	28.00		11/9/2010

Page 1 Total = 1007.72 SY

PREPARED BY: JOSH HULETT

CHECKED BY DC

DATE 1-20-11

12/17/2010

1:00 PM

Station	Offset	Length	Width	SF	SY (SF / 9)		Date Completed
103+52	LT	28	10	280.00	31.11		11/15/2010
104+80	LT	13	10	130.00	14.44		11/10/2010
104+88	RT	13	6.5	84.50	9.39		11/9/2010
		24	14	336.00	37.33		11/9/2010
		18	6.5	117.00	13.00		11/9/2010
105+11	LT	12	10	120.00	13.33		11/10/2010
105+11	LT	3.5	16.5	57.75	6.42		11/10/2010
105+63	RT	17	14	238.00	26.44		11/12/2010
		6	6.5	39.00	4.33		11/12/2010
105+90	RT	20.5	13.5	276.75	30.75		11/9/2010
106+86	LT	12.5	10	125.00	13.89		11/10/2010
107+71	RT	14	13	182.00	20.22		11/12/2010
108+20	LT	41.5	10	415.00	46.11		11/15/2010
108+63	RT	33.5	11	368.50	40.94		11/12/2010
109+51	RT	30	11.5	345.00	38.33		11/12/2010
111+61	RT	21.5	10	215.00	23.89		11/12/2010
112+52	RT	16.5	8.5	140.25	15.58		11/12/2010
113+43	LT	37	12.5	462.50	51.39		11/12/2010
		95	11.5	1092.50	121.39		11/15/2010
113+84	RT	21.5	6.5	139.75	15.53		11/12/2010
114+43	LT	21.5	13	279.50	31.06		11/12/2010
114+65	RT	20.5	5	102.50	11.39		11/12/2010
114+79	LT	34	13	442.00	49.11		11/12/2010
		8.5	2.5	21.25	2.36		11/12/2010
115+64	RT	22.5	4.5	101.25	11.25		11/12/2010
116+31	LT	19.5	12.5	243.75	27.08		11/12/2010
117+31	LT	16.5	11.5	189.75	21.08		11/12/2010
122+26	LT	61	3.5	213.50	23.72		11/12/2010
122+76	LT	32	4	128.00	14.22		11/12/2010
126+64	RT	13	17	221.00	24.56		11/15/2010
		12.5	7	87.50	9.72		11/15/2010
129+60	RT	21	2	42.00	4.67		11/12/2010
130+55	RT	22	2	44.00	4.89		11/12/2010
131+96	LT	19	4.5	85.50	9.50		11/12/2010
132+22	RT	25.5	3	76.50	8.50		11/12/2010
132+62	LT	46	6.5	299.00	33.22		11/12/2010
133+05	RT	17.5	3.5	61.25	6.81		11/12/2010
146+30	RT	37	5	185.00	20.56		11/2/2010
158+06	LT	18.5	4	74.00	8.22		11/2/2010
173+45	RT	31	4.5	139.50	15.50		11/2/2010
178+42	RT	86	4	344.00	38.22		11/2/2010
			Page 2 Total	=	**949.47 SY**		

Page 1 + Page 2 =	Final Total:	1007.72	+	949.47 =	1957.19 SY

PREPARED BY: JOSH HULETT

CHECKED BY DC

DATE 1-28-11

12/17/2010

1:00 PM

Ripton Stations

Station	Offset	Length	Width	SF	SY (SF / 9)		Date Completed
58+72	RT	69	4	276.00	30.67		11/2/2010
		22.5	4	90.00	10.00		11/16/2010
63+15	RT	43	9	387.00	43.00		11/16/2010
		51	5.5	280.50	31.17		11/16/2010
		54.5	6.5	354.25	39.36		11/17/2010
		39	13.5	526.50	58.50		11/17/2010
		45	1	45.00	5.00		11/17/2010
66+33	LT	70	4	280.00	31.11		11/17/2010
68+10	LT	43	9.5	408.50	45.39		11/17/2010
69+30	LT	42	9.5	399.00	44.33		11/17/2010
69+71	RT	56	4	224.00	24.89		11/17/2010
70+74	LT	20.5	4	82.00	9.11		11/17/2010
73+45	LT	19	4	76.00	8.44		11/17/2010
74+05	LT	12.5	4.5	56.25	6.25		11/17/2010
75+63	LT	51	4	204.00	22.67		11/17/2010
83+36	LT	16.5	8.5	140.25	15.58		11/18/2010
85+30	LT	27	3.5	94.50	10.50		11/18/2010
112+01	RT	25.5	4.5	114.75	12.75		11/18/2010
132+80	RT	45	4	180.00	20.00		11/18/2010
145+17	LT	45	4	180.00	20.00		11/18/2010
146+03	LT	26	3.5	91.00	10.11		11/18/2010
150+07	LT	19	18.5	351.50	39.06		11/18/2010
184+25	LT	28	4	112.00	12.44		11/19/2010
191+65	LT	28	4	112.00	12.44		11/18/2010
196+09	RT	14	4	56.00	6.22		11/19/2010
196+41	RT	13	4	52.00	5.78		11/19/2010
205+30	LT	20	3.5	70.00	7.78		11/19/2010
205+45	RT	13.5	4	54.00	6.00		11/19/2010
207+39	LT	20.5	4	82.00	9.11		11/19/2010
210+72	LT	16	11	176.00	19.56		11/19/2010
220+46	RT	28.5	4.5	128.25	14.25		11/11/2010
220+91	RT	10.5	4.5	47.25	5.25		11/19/2010
222+75	RT	16	6	96.00	10.67		11/11/2010
225+14	RT	4	3	12.00	1.33		11/11/2010
225+87	RT	6	5	30.00	3.33		11/11/2010
226+57	RT	50	4	200.00	22.22		11/11/2010
227+58	RT	21	4	84.00	9.33		11/11/2010
229+49	RT	21.5	3.5	75.25	8.36		11/11/2010
234+85	LT	31	4	124.00	13.78		11/11/2010
235+30	LT	18	4	72.00	8.00		11/11/2010
			Page 1 Total	=	**713.75**	**SY**	

PREPARED BY: JOSH HULETT

CHECKED BY DC

DATE 1-20-11

1/18/2011
2:10 PM

Ripton Stations

Station	Offset	Length	Width	SF	SY (SF / 9)		Date Completed
244+65	LT	15	4	60.00	6.67		11/5/2010
244+96	RT	14	4	56.00	6.22		11/5/2010
249+70	RT	18.5	4	74.00	8.22		11/5/2010
256+90	LT	20	4	80.00	8.89		11/5/2010
257+96	RT	13	3.5	45.50	5.06		11/11/2010
266+30	LT	26.5	4	106.00	11.78		11/5/2010
277+28	RT	28	4	112.00	12.44		11/5/2010
277+32	LT	23.5	4	94.00	10.44		11/5/2010
281+89	RT	44	4	176.00	19.56		11/5/2010
			Page 2 Total	=	**89.28**	**SY**	

Page 1 + Page 2 =	**Final Total:**	**713.75**	**+**	**89.28**	**=**	**803.03 SY**

PREPARED BY: JOSH HULETT

CHECKED BY _____

DATE 1.20.11

1/18/2011
2:10 PM

STP 2627(1) MIDDLEBURY

STATION	POSITION	QUANTITY (SY)	DRIVE TYPE
MIDDLEBURY:			
64+40.0	LT	9	GRAVEL DRIVE
65+10.0	RT	9	GRAVEL DRIVE
68+45.0	RT	9	ASPHALT DRIVE
68+55.0	LT	9	ASPHALT DRIVE
70+95.0	RT	7	ASPHALT DRIVE
71+25.0	RT	9	GRAVEL DRIVE
74+15.0	RT	9	ASPHALT DRIVE
75+20.0	RT	9	ASPHALT DRIVE
76+20.0	RT	18	GRAVEL DRIVE
76+55.0	LT	11	GRAVEL DRIVE
78+30.0	LT	18	GRAVEL DRIVE
79+85.0	LT	7	GRAVEL DRIVE
81+40.0	LT	7	ASPHALT DRIVE
81+90.0	LT	18	ASPHALT DRIVE
84+70.0	LT	22	ASPHALT DRIVE
86+30.0	LT	9	GRAVEL DRIVE
87+30.0	LT	7	GRAVEL DRIVE
87+90.0	RT	13	ASPHALT DRIVE
88+40.0	LT	7	ASPHALT DRIVE
90+20.0	LT	7	ASPHALT DRIVE
91+55.0	LT	7	GRAVEL DRIVE
91+95.0	LT	9	GRAVEL DRIVE
92+80.0	RT	44	GRAVEL DRIVE
92+85.0	LT	13	GRAVEL DRIVE
94+10.0	RT	7	GRAVEL DRIVE
94+80.0	LT	20	GRAVEL DRIVE
95+40.0	LT	7	ASPHALT DRIVE
95+50.0	RT	7	GRAVEL DRIVE
96+25.0	RT	7	GRAVEL DRIVE
96+60.0	LT	7	GRAVEL DRIVE
97+40.0	RT	7	GRAVEL DRIVE
99+00.0	RT	7	GRAVEL DRIVE
99+70.0	LT	7	GRAVEL DRIVE
100+70.0	RT	7	GRAVEL DRIVE
101+70.0	LT	7	ASPHALT DRIVE
102+05.0	LT	9	ASPHALT DRIVE
102+60.0	LT	7	GRAVEL DRIVE
103+50.0	RT	7	GRAVEL DRIVE
103+55.0	LT	11	GRAVEL DRIVE
104+75.0	LT	7	GRAVEL DRIVE
104+90.0	RT	27	ASPHALT DRIVE
105+00.0	LT	7	GRAVEL DRIVE
105+60.0	RT	7	GRAVEL DRIVE
106+00.0	RT	7	GRAVEL DRIVE
106+90.0	LT	7	GRAVEL DRIVE
107+80.0	RT	7	GRAVEL DRIVE
108+25.0	LT	20	GRAVEL DRIVE
108+75.0	RT	18	GRAVEL DRIVE
109+60.0	RT	18	GRAVEL DRIVE
111+60.0	RT	7	GRAVEL DRIVE
112+60.0	RT	7	GRAVEL DRIVE
113+90.0	RT	9	ASPHALT DRIVE
114+50.0	LT	13	ASPHALT/GRAVEL
114+75.0	RT	7	ASPHALT DRIVE
114+90.0	LT	13	GRAVEL DRIVE
115+70.0	RT	7	ASPHALT DRIVE
116+40.0	LT	7	GRAVEL DRIVE
117+05.0	RT	7	GRAVEL DRIVE
117+40.0	LT	7	ASPHALT DRIVE

STP 2627(1) MIDDLEBURY (CONT'D)

STATION	POSITION	QUANTITY (SY)	DRIVE TYPE
MIDDLEBURY:			
117+45.0	RT	7	ASPHALT DRIVE
119+30.0	RT	13	GRAVEL DRIVE
120+10.0	RT	9	GRAVEL DRIVE
122+40.0	LT	24	GRAVEL DRIVE
122+85.0	LT	7	ASPHALT DRIVE
126+75.0	RT	9	GRAVEL DRIVE
129+75.0	RT	7	GRAVEL DRIVE
130+70.0	RT	7	ASPHALT DRIVE
131+60.0	LT	9	GRAVEL DRIVE
132+30.0	RT	13	GRAVEL DRIVE
132+45.0	LT	13	GRAVEL DRIVE
133+15.0	LT	9	GRAVEL DRIVE
133+80.0	RT	7	GRAVEL DRIVE
134+20.0	RT	9	GRAVEL DRIVE
136+10.0	RT	13	GRAVEL DRIVE
140+55.0	RT	7	GRAVEL DRIVE
146+15.0	RT	22	GRAVEL DRIVE
173+20.0	RT	7	GRAVEL DRIVE
SUBTOTAL:		812	
ROUNDING:		38	
TOTAL:		850	

STP 2803(1) RIPTON – HANCOCK

STATION	POSITION	QUANTITY (SY)	DRIVE TYPE
RIPTON:			
57+72	LT	9	GRAVEL DRIVE
58+74	RT	12	GRAVEL DRIVE
61+44	LT	7	GRAVEL DRIVE
63+02	RT	57	GRAVEL DRIVE
65+67	RT	20	GRAVEL DRIVE
66+09	LT	36	GRAVEL DRIVE
66+39	RT	7	GRAVEL DRIVE
67+74	RT	4	FIELD ACCESS
67+95	LT	18	GRAVEL DRIVE
68+87	RT	12	GRAVEL DRIVE
69+11	LT	17	GRAVEL DRIVE
69+52	RT	26	GRAVEL DRIVE
70+10	LT	9	GRAVEL DRIVE
73+20	LT	7	GRAVEL DRIVE
73+69	LT	7	GRAVEL DRIVE
74+53	RT	7	GRAVEL DRIVE
75+46	LT	45	GRAVEL DRIVE
83+22	LT	9	GRAVEL DRIVE
85+16	LT	9	GRAVEL DRIVE
94+09	LT	7	FIELD ACCESS
95+84	LT	13	GRAVEL DRIVE
105+60	RT	9	ASPHALT/GRAVEL
112+03	RT	9	GRAVEL DRIVE
114+60	LT	9	GRAVEL DRIVE
132+65	RT	9	GRAVEL DRIVE
145+00	LT	9	GRAVEL DRIVE
145+90	LT	7	GRAVEL DRIVE
149+86	LT	13	GRAVEL DRIVE
169+26	RT	11	ASPHALT DRIVE
181+45	LT	7	GRAVEL DRIVE
184+03	LT	7	GRAVEL DRIVE
190+58	RT	13	ASPHALT DRIVE
205+01	LT	7	GRAVEL DRIVE
207+03	LT	7	GRAVEL DRIVE
208+00	LT	7	FIELD ACCESS
209+53	RT	13	GRAVEL DRIVE
210+39	LT	7	FIELD ACCESS
220+28	RT	7	GRAVEL DRIVE
225+63	LT	9	GRAVEL DRIVE
226+24	RT	7	GRAVEL DRIVE
227+35	RT	7	GRAVEL DRIVE
229+25	RT	7	GRAVEL DRIVE
234+68	LT	7	GRAVEL DRIVE
235+10	LT	7	GRAVEL DRIVE
244+46	LT	7	FIELD ACCESS
244+80	RT	7	FIELD ACCESS
248+39	RT	7	FIELD ACCESS
249+48	RT	7	FIELD ACCESS
256+60	LT	7	GRAVEL DRIVE
257+96	RT	7	GRAVEL DRIVE
265+94	LT	7	GRAVEL DRIVE
277+04	LT	7	GRAVEL DRIVE
277+09	RT	7	FIELD ACCESS
281+46	RT	9	GRAVEL DRIVE
HANCOCK:			
18+93	RT	81	GRAVEL DRIVE
SUBTOTAL:		686	
ROUNDING:		14	
TOTAL:		700	

SEE REVISED PAGES 6A ~ 6D

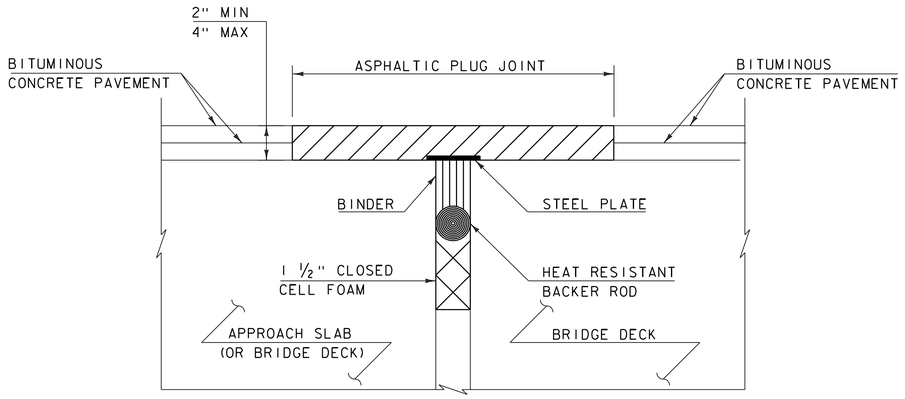
COMPOSITE DRIVEWAY HANDWORK TABLES SHEET

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(1) & STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60hwt.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.



ASPHALTIC PLUG-TYPE JOINT DETAIL

~~BR 13 VT. ROUTE 125 MIDDLEBURY STA 138+79.0 (20'-7")~~
~~BR 13 VT. ROUTE 125 MIDDLEBURY STA 139+85.0 (20'-7")~~
~~BR 15 VT. ROUTE 125 RIPTON STA 76+45.0 (19'-10")~~
~~BR 15 VT. ROUTE 125 RIPTON STA 76+71.0 (19'-10")~~

• NO JOINT FOUND

ASPHALTIC PLUG JOINT NOTES

1. 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 MAY BE USED TO EXPEDITE THE COOLING PROCESS.

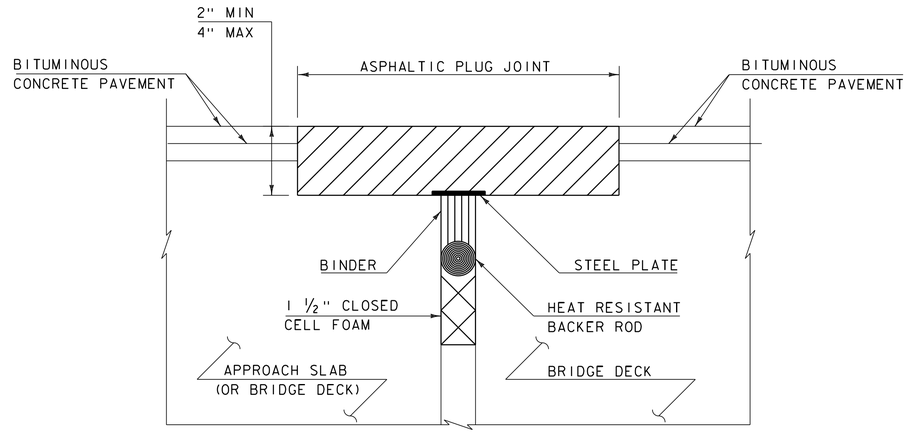
L. PROTECT JOINT FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 51 DEG C (125 DEG F) +/-.

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

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

B. THE ROAD SURFACE IS DRY.

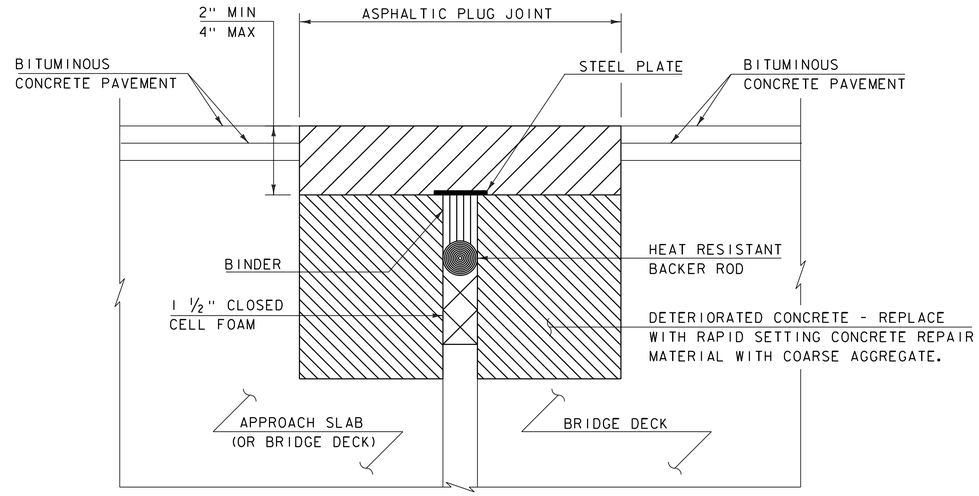
C. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.



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

NOTES:
1. 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 ENGINEEER.

2. 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

NOTES:
1. 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.

2. 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".

3. REINFORCING STEEL NOT SHOWN FOR CLARITY.

NOT TO SCALE

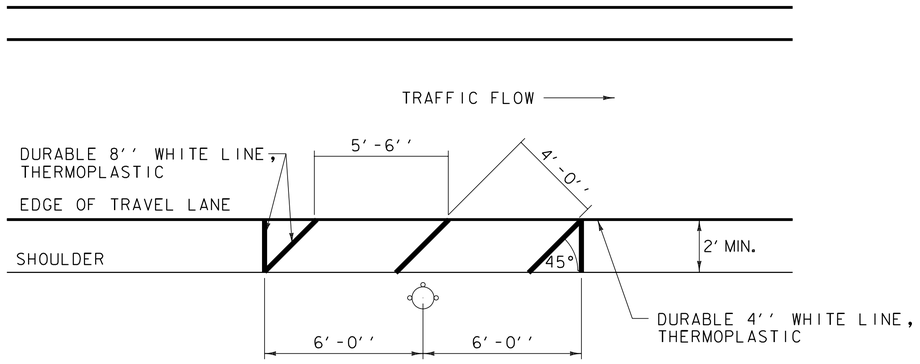
COMPOSITE ASPHALTIC PLUG JOINT DETAILS SHEET

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(I) & STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60asp.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 8 OF 114



FIRE HYDRANT PAVEMENT MARKING DETAIL

VT. ROUTE 125 MIDDLEBURY: STA 67+86.0 RT
STA 75+96.0 RT
STA 84+05.0 RT
STA 92+24.0 RT
STA 100+35.0 RT
STA 110+12.0 RT
STA 117+28.0 RT
STA 122+60.0 RT
STA 128+14.0 RT

VT. ROUTE 125 RIPTON: STA 228+60.0 RT

NOTE:

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

WEATHERING BOX BEAM GUARDRAIL INVENTORY

QUANTITY	DESCRIPTION	LENGTH (FT)	RADIUS (FT)
500	POST	9	N/A
17	CAPPED END RAIL	8	N/A
2	ANGLED END RAIL	N/A	N/A
104	SPLICE PLATES	N/A	N/A
200	SHELF BRACKETS	N/A	N/A
11	STRAIGHT BOX BEAM RAIL	18	N/A
3	STRAIGHT BOX BEAM RAIL	18	N/A
1	STRAIGHT BOX BEAM RAIL	18	N/A
1	SHOP CURVE BOX BEAM RAIL	18	150
2	SHOP CURVE BOX BEAM RAIL	18	270
2	SHOP CURVE BOX BEAM RAIL	18	320
1	SHOP CURVE BOX BEAM RAIL	18	510
1	SHOP CURVE BOX BEAM RAIL	18	590
1	SHOP CURVE BOX BEAM RAIL	18	602
1	SHOP CURVE BOX BEAM RAIL	24	700
1	SHOP CURVE BOX BEAM RAIL	24	70
1	SHOP CURVE BOX BEAM RAIL	24	80
1	SHOP CURVE BOX BEAM RAIL	24	100
1	SHOP CURVE BOX BEAM RAIL	24	200
1	SHOP CURVE BOX BEAM RAIL	24	205
1	SHOP CURVE BOX BEAM RAIL	24	230
2	SHOP CURVE BOX BEAM RAIL	24	260
1	SHOP CURVE BOX BEAM RAIL	24	265
1	SHOP CURVE BOX BEAM RAIL	24	310
1	SHOP CURVE BOX BEAM RAIL	24	345
5	SHOP CURVE BOX BEAM RAIL	24	480
1	SHOP CURVE BOX BEAM RAIL	24	500
1	SHOP CURVE BOX BEAM RAIL	24	518
1	SHOP CURVE BOX BEAM RAIL	24	580
1	SHOP CURVE BOX BEAM RAIL	24	N/A

NOTES:

1. THE ABOVE INVENTORY OF WEATHERING BOX BEAM GUARDRAIL IS LOCATED AT VTRANS' DISTRICT 5 MAINTENANCE YARD IN COLCHESTER. THE CONTRACTOR SHALL VERIFY THE ABOVE INVENTORY OF AVAILABLE WEATHERING BOX BEAM GUARDRAIL PRIOR TO PERFORMING ANY WORK ON THE EXISTING WEATHERING BOX BEAM GUARDRAIL AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL CONTACT THE DISTRICT 5 MANAGER AT (802) 655-1580 TO COORDINATE ACCESS TO THEIR FACILITIES.

NOT TO SCALE

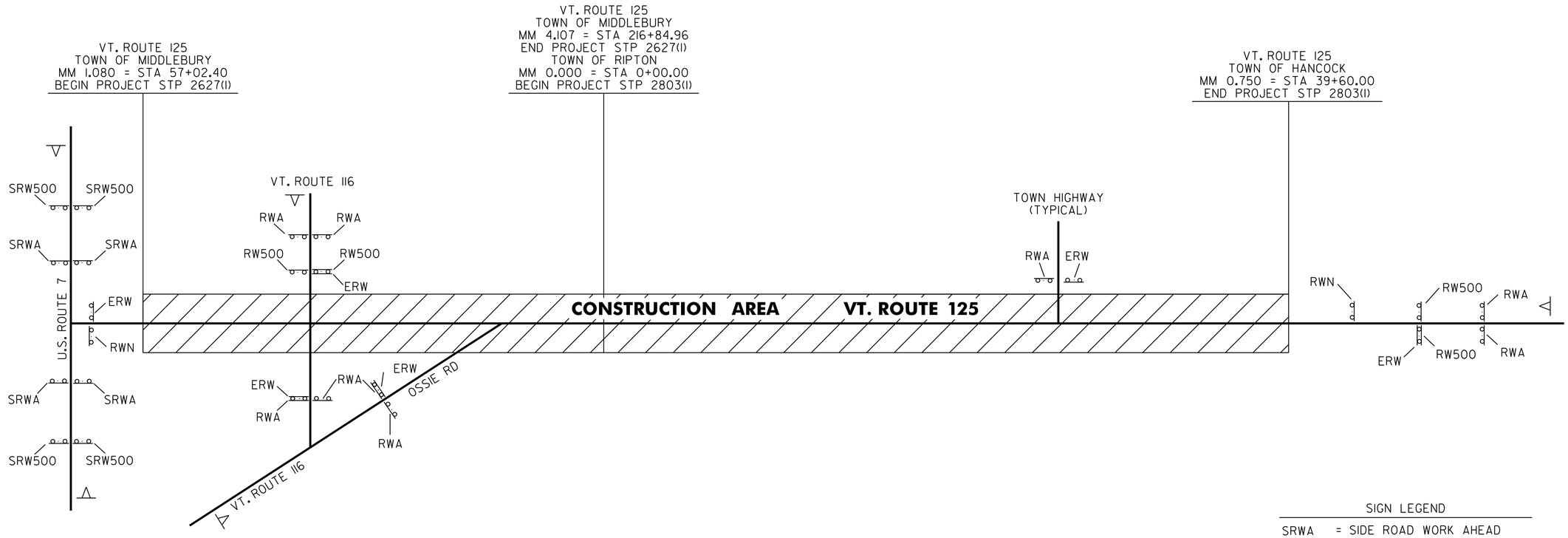
COMPOSITE MISCELLANEOUS DETAILS SHEET

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(1) & STP 2803(1)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160cmdt.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 9 OF 114



STP 2627(1)

HIGHWAY NAME	RWA	SRWA	ERW	SRW500	RW500	RWN	OTHER
U.S. ROUTE 7		4		4			2-PORTABLE CHANGEABLE MESSAGE SIGNS
VT. ROUTE 125 - BEGIN PROJECT			1			1	
WILMAR ROAD (TH-42)	1		1				
VT. ROUTE 116	4		2		2		2-PORTABLE CHANGEABLE MESSAGE SIGNS
KING'S ROW (TH-38)	1		1				
OSSIE ROAD	2		1				
MAPLE COURT (TH-29)	1		1				
GRIST MILL ROAD (TH-33)	1		1				
SCHOOL HOUSE HILL ROAD (TH-27)	1		1				
LOWER PLAINS ROAD (TH-23)	1		1				
NORTH BRANCH ROAD (TH-35)	1		1				
UPPER PLAINS ROAD (TH-11)	1		1				
TOTAL	14	4	12	4	2	1	4-PORTABLE CHANGEABLE MESSAGE SIGNS

STP 2803(1)

HIGHWAY NAME	RWA	SRWA	ERW	SRW500	RW500	RWN	OTHER
LINCOLN ROAD (TH-1)	1		1				
NATURAL TPKE (TH-11)	1		1				
GOSHEN ROAD (TH-18)	1		1				
MAIDEN LANE (TH-2)	1		1				
ROBERT FROST ROAD (TH-19)	1		1				
STEAM MILL ROAD (TH-20)	1		1				
BROOK ROAD (TH-21)	1		1				
VT. ROUTE 125 - END PROJECT	2		1		2	1	1-PORTABLE CHANGEABLE MESSAGE SIGN
TOTAL	9		8		2	1	1-PORTABLE CHANGEABLE MESSAGE SIGN

SIGN LEGEND

SRWA	= SIDE ROAD WORK AHEAD
SRW500	= SIDE ROAD WORK 500 FEET
RWA	= ROAD WORK AHEAD
RW500	= ROAD WORK 500 FEET
ERW	= END ROAD WORK
RWN	= ROAD WORK NEXT 8 MILES
◁	= PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION APPROACH SIGNING

NOTES:

1. SEE VAOT STD. E-100 & E-100A FOR ADDITIONAL SIGN PLACEMENT DETAILS.
2. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.
4. DIAMOND SHAPED SIGNS SHALL BE 4' X 4' WITH BLACK LEGEND ON FLUORESCENT ORANGE BACKGROUND.
5. RETROREFLECTIVE SIGN SHEETING SHALL BE MINIMUM TYPE VII FOR ALL SOLID SUBSTRATE SIGNS AND MINIMUM TYPE VI FOR ALL ROLL-UP SIGNS.
6. ALL SIGN STANDS AND POST INSTALLATIONS SHALL BE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT (NCHRP) 350 COMPLIANT.
7. PORTABLE CHANGEABLE MESSAGE SIGNS ARE TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
8. PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10 TRAFFIC CONTROL (STP 2627(1)) AND ITEM 641.10 TRAFFIC CONTROL (STP 2803(1)).

NOT TO SCALE

COMPOSITE TRAFFIC CONTROL PLAN SHEET

PROJECT NAME: MIDDLEBURY & RIPTON - HANCOCK

PROJECT NUMBER: STP 2627(1) & STP 2803(1)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160tcp.i

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DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 10 OF 114

INDEX OF SHEETS
SEE SHEET 2

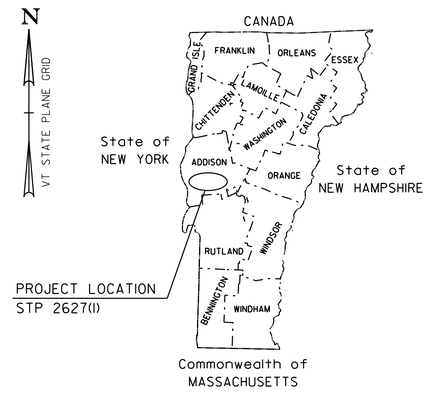
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
TOWN OF MIDDLEBURY
COUNTY OF ADDISON
VERMONT ROUTE 125

BEGINNING IN MIDDLEBURY ON VT. ROUTE 125 AT MM 1.080 = STA 57+02.40 AND EXTENDING EASTERLY A DISTANCE OF 15,982.56 FEET (3.027 MILES) TO MM 4.107 = STA 216+84.96.

LENGTH OF ROADWAY = 15,982.56 FT = (3.027 MILES)
LENGTH OF PROJECT = 15,982.56 FT = (3.027 MILES)

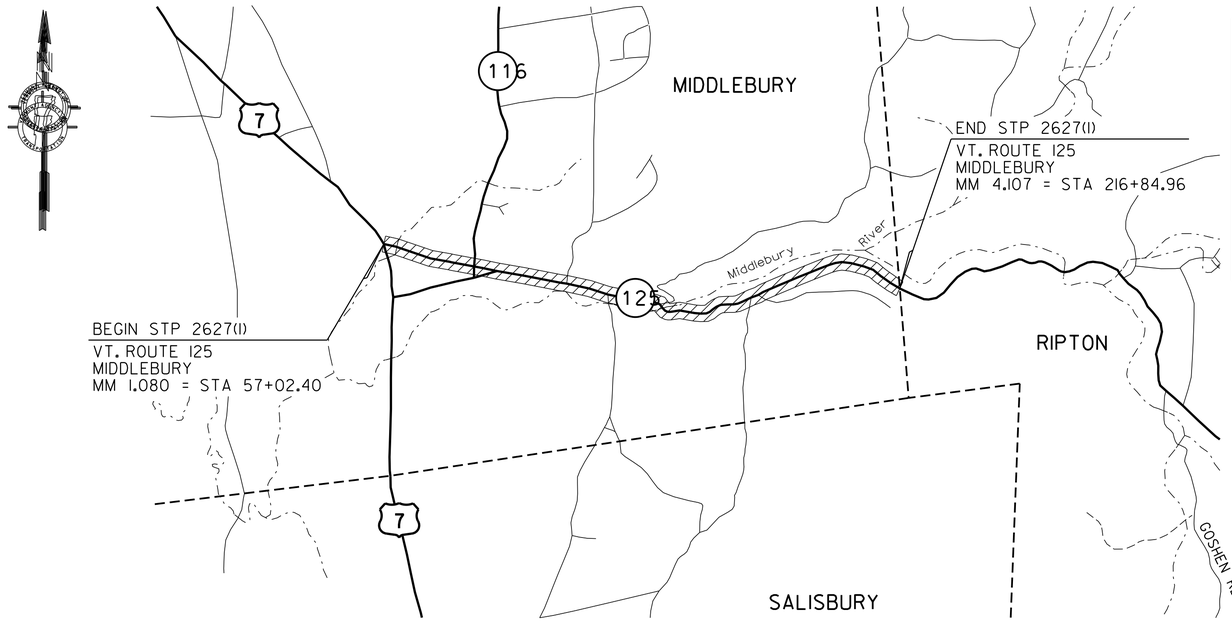
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING AND/OR OVERLAYING SEGMENTS OF THE EXISTING HIGHWAY AND RESURFACING WITH A SHIM/LEVELING COURSE AND A WEARING COURSE. PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, NEW SIGNS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,287,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

TRAFFIC DATA

SECTION	ADT		DHV		ESALS	ESALS
	2009	2019	2009	2019	2009-2019	2009-2029
BEGIN PROJECT TO VT. ROUTE 116	3400	3700	380	420	398,000	933,000
VT. ROUTE 116 TO OSSIE STREET	4100	5300	540	600	822,000	2,142,000
OSSIE STREET TO LOWER PLAINS ROAD	4800	5300	540	600	987,000	2,574,000
LOWER PLAINS ROAD TO END PROJECT	1900	2100	210	240	316,000	736,000



CONVENTIONAL SYMBOLS

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

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

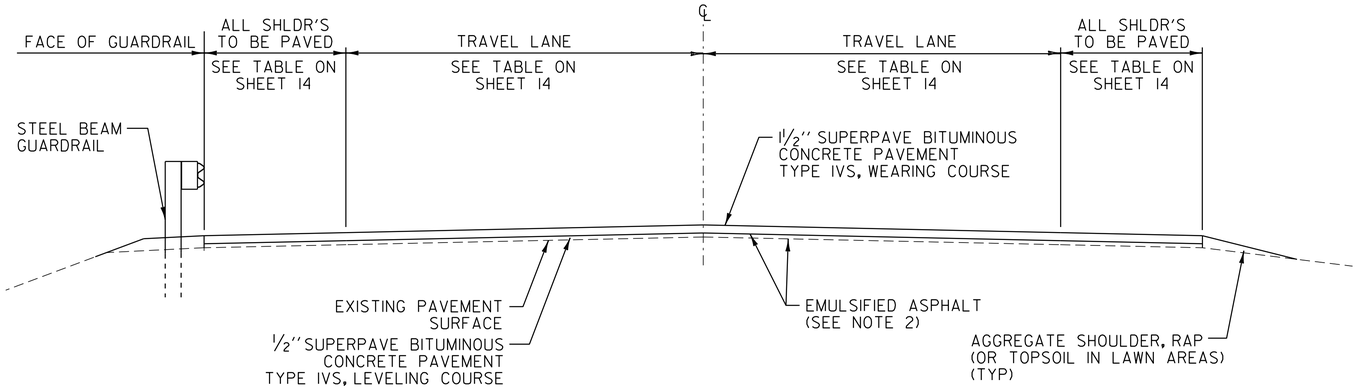
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

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

PROJECT MANAGER : KEVIN MARSHIA

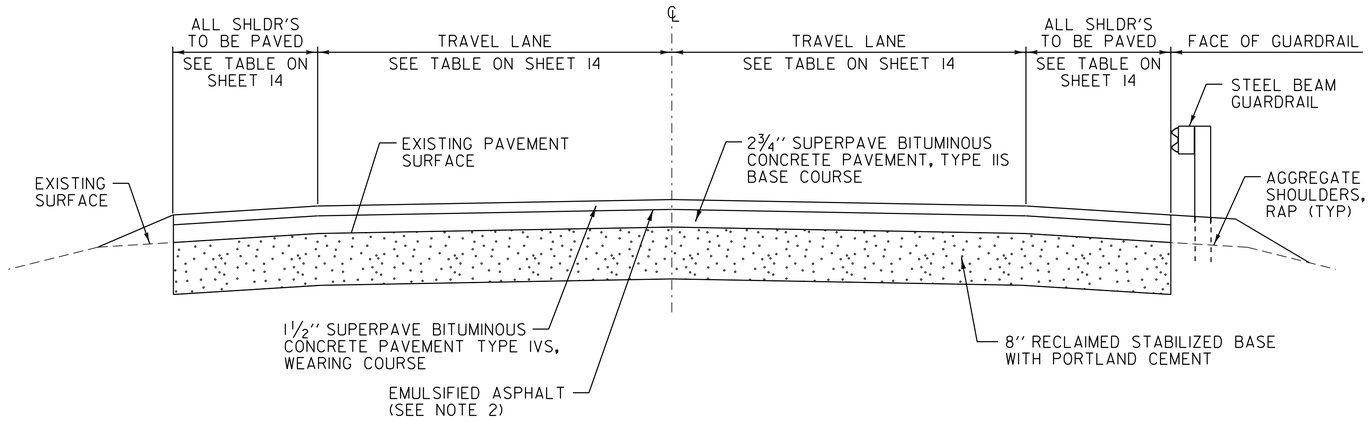
PROJECT NAME : MIDDLEBURY
PROJECT NUMBER : STP 2627(I)

SHEET 1 OF 114 SHEETS



OVERLAY TYPICAL SECTION

VT. ROUTE 125 MIDDLEBURY STA 57+02.40 TO MIDDLEBURY STA 142+56.0



RECLAIMED STABILIZED TYPICAL SECTION

VT. ROUTE 125 MIDDLEBURY STA 142+56.0 TO MIDDLEBURY STA 216+84.96

TYPICAL ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION

STEP	DESCRIPTION	PAYMENT ITEM(S)
1	REPAIR EXISTING SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
2	RECLAIM EXISTING ROADBED 8" USING WATER FOR STABILIZATION AND COMPACTION	ITEM 310.20 RECLAIMED STABILIZED BASE, WATER USED FOR STABILIZATION SHALL BE CONSIDERED INCIDENTAL TO ITEM 310.20 PER SPECIFICATION AS DIRECTED BY THE RESIDENT ENGINEER
3	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
4	PLACE PORTLAND CEMENT ON ROADBED SURFACE AND RECLAIM ROADBED 8", CURE, MICROCRACK, AND APPLY FOG SEAL SURFACE TREATMENT	ITEM 900.675 SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT), ITEM 900.680 SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION) AND ITEM 900.683 SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)
5	PLACE 2¾" TYPE IIS BASE COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
6	PLACE 1½" TYPE IVS WEARING COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT

NOTE:

1. THIS LIST OF PROCEDURES FOR REHABILITATING THE EXISTING ROADBED IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL PREPARE THEIR OWN SCHEDULE OF OPERATIONS TO COMPLETE THE PROPOSED WORK UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS AS DIRECTED BY THE RESIDENT ENGINEER.

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE BASE COURSE SHALL BE TYPE IIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.

3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/-¼" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

4. PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEM(S). THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEM(S) SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. THIS WORK SHALL BE DONE BEFORE THE BASE COURSE IS PAVED TO ALLOW ALL OF THE LIFTS OF PAVEMENT THE PROJECT AREA. SEE LAYOUT PLANS FOR EXISTING AND PROPOSED PAVEMENT WIDTHS. AN ADDITIONAL QUANTITY OF ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION WITHIN THE RECLAIMED SECTION. AN ESTIMATED THICKNESS OF 2" HAS BEEN INCLUDED FOR THE ENTIRE RECLAIMED SURFACE AREA.

5. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS, RAP. ADDITIONAL MATERIAL REQUIRED AFTER THE COLD PLANE GRINDINGS HAVE BEEN USED WILL BE PAID FOR UNDER ITEM 4012.12 AGGREGATE SHOULDERS.

6. DITCHING MATERIAL OR EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 25 CUBIC YARDS OF DITCHING MATERIAL OR EARTH BORROW FOR EACH GUARDRAIL TERMINAL.

7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED. AN ESTIMATED QUANTITY OF 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS HAS BEEN INCLUDED, AND SHALL BE USED AS DIRECTED BY THE RESIDENT ENGINEER.

8. ITEM 609.15 DUST AND ICE CONTROL WITH CALCIUM CHLORIDE HAS AN ESTIMATED QUANTITY TO BE USED ON SIDE ROAD APPROACHES WHICH WILL BE PAVED.

9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.

10. ESTIMATED QUANTITIES OF ITEM 613.10 STONE FILL, TYPE I; ITEM 649.31 GEOTEXTILE UNDER STONE FILL; AND ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I HAVE BEEN INCLUDED TO PROVIDE FOR REPAIR OF EXISTING STONE LINED DRAINAGE OUTLETS OR WASHOUTS LOCATED ALONG THE ROADWAY SIDE SLOPES AS DIRECTED BY THE RESIDENT ENGINEER.

11. WORK FOR REPAIR OF EXISTING WEATHERING STEEL BOX BEAM GUARDRAIL SHALL BE PERFORMED IN ACCORDANCE WITH GUARDRAIL, WEATHERING OF SECTION 900. PAYMENT WILL BE MADE UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING).

NOT TO SCALE

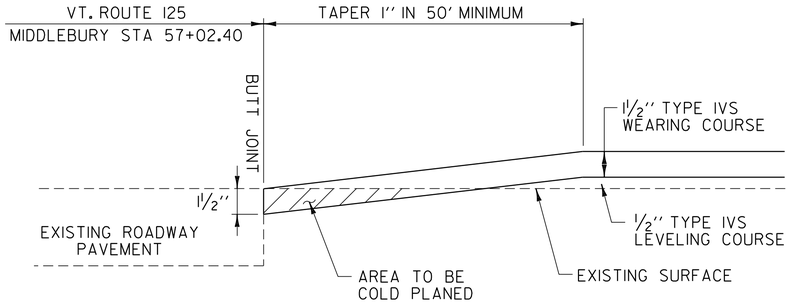
PROJECT TYPICAL SHEET

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

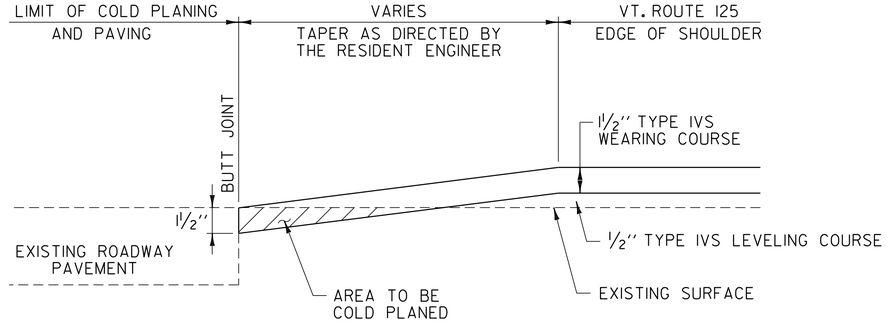
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222typ.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 12 OF 114



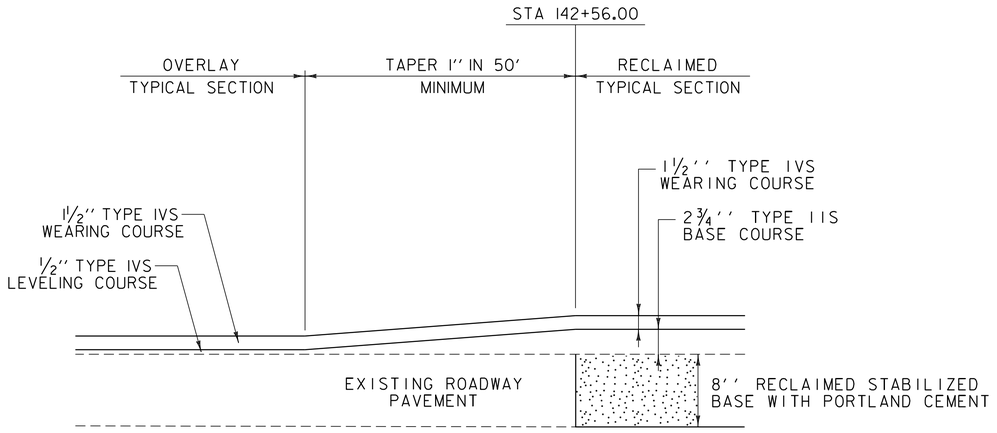
OVERLAY APPROACH AREA DETAIL

VT. ROUTE 125 MIDDLEBURY STA 57+02.40 - BEGIN PROJECT



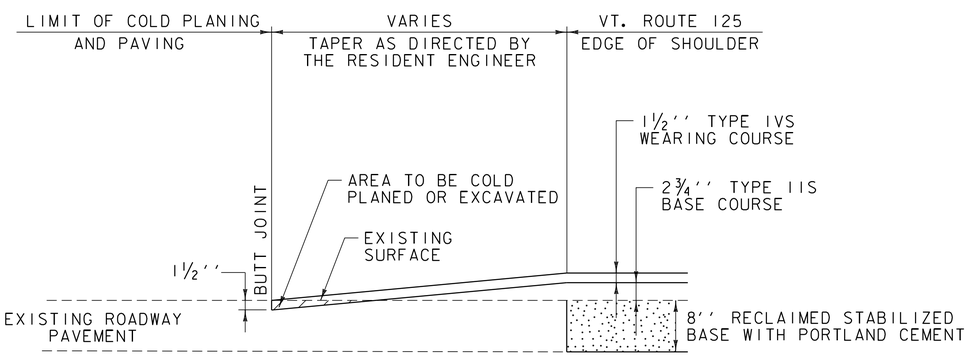
OVERLAYED SIDE ROAD DETAIL

MIDDLEBURY:	TH-42	STA 77+29.92	RT
	VT. ROUTE 116	STA 83+63.52	LT
	VT. ROUTE 116	STA 83+63.52	RT
	TH-38	STA 85+90.56	LT
	OSSIE ROAD	STA 91+50.24	RT
	TH-29	STA 97+89.12	LT
	TH-33	STA 110+56.32	RT
	TH-27	STA 110+61.60	LT
	TH-23	STA 123+02.40	RT
	TH-35	STA 138+44.16	LT



RECLAIMED TO OVERLAY TRANSITION DETAIL

VT. ROUTE 125 MIDDLEBURY STA 142+56.00



RECLAIMED SIDE ROAD DETAIL

MIDDLEBURY: TH-11 STA 169+59.36 RT

NOT TO SCALE

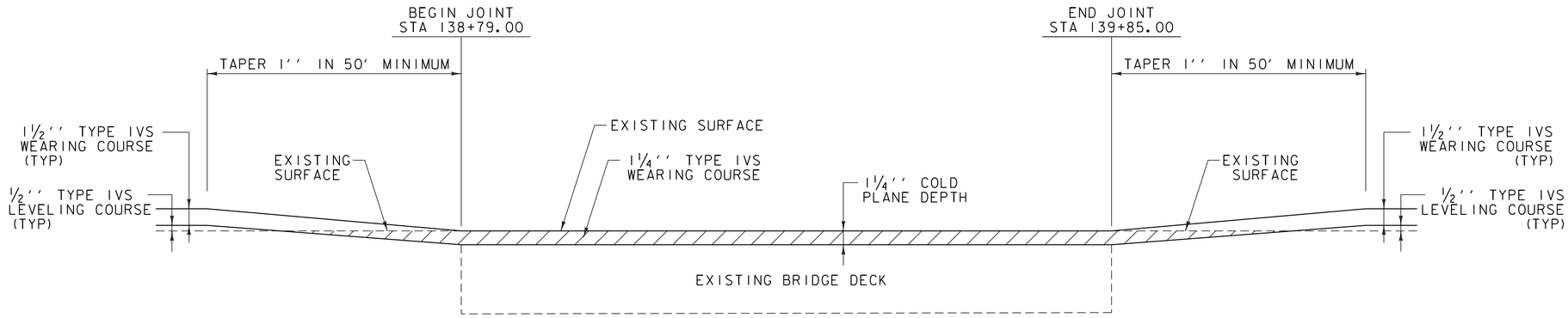
PAVING DETAILS SHEET #1

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222pdl.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 13 OF 114



BRIDGE TRANSITION AREA DETAIL

BR 13 VT. ROUTE 125 MIDDLEBURY STA 138+79.00 TO STA 139+85.00

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			

GENERAL NOTES

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

SEED:
TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

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

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

MIDDLEBURY

EXISTING WIDTHS	
STATION	WIDTH
57+02.40	35'-4''
59+10.00	37'-0''
60+40.00	27'-2''
74+75.00	26'-5''
81+25.00	26'-5''
93+00.00	34'-7''
103+00.00	25'-5''
118+00.00	26'-0''
128+00.00	24'-1''
135+00.00	24'-4''
157+50.00	26'-8''
174+00.00	25'-5''
188+50.00	27'-11''
202+50.00	29'-6''

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
MIDDLEBURY:						
VT. ROUTE 125	57+02.40	59+10.00	5'-0'' - 12'-0'' - 12'-0'' - 8'-0''	1½''	25	LEVEL WITH ½'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	59+10.00	60+40.00	5'-0'' - 12'-0'' - 12'-0'' - 8'-0''	1½''	13	LEVEL WITH ½'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	60+40.00	138+79.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	661	LEVEL WITH ½'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	138+79.00	139+85.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1¼''	-	BR 13 COLD PLANE 1¼'' & PAVE WITH 1¼'' TYPE IVS
VT. ROUTE 125	139+85.00	142+56.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	23	LEVEL WITH ½'' TYPE IVS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	142+56.00	216+84.96	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS

NOT TO SCALE

PAVING DETAILS SHEET #2

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222pd2.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 14 OF 114

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		350	350	CY	UNCLASSIFIED EXCAVATION	203.17	5.8
		275	275	CY	EARTH BORROW	203.30	5
		500	500	CY	TRENCH EXCAVATION OF EARTH	204.20	EST.
		1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
		2000	2000	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	96
		4300	4300	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	56
		30	30	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	2
		65	65	TON	SUBBASE, RAP	301.40	0.4
		23,500	23,500	SY	RECLAIMED STABILIZED BASE	310.20	388
		500	500	TON	AGGREGATE SHOULDERS	402.12	9
		150	150	TON	AGGREGATE SHOULDERS, RAP	402.13	-
		125	125	CWT	EMULSIFIED ASPHALT	404.65	19
		1	1	LU	PRICE ADJUSTMENT ASPHALT CEMENT (N.A.B.I.)	406.50	EST.
					BEGIN OPTION AA		
		9200	9200	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	145
		9200	9200	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	145
		9200	9200	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	145
		9200	9200	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	145
					END OPTION AA		
		1	1	LU	AIR VOIDS PAY ADJUSTMEMT (N.A.B.I.)	490.31	EST.
		1	1	LU	MAT DENSITY PAY ADJUSTMEMT (N.A.B.I.)	490.32	EST.
		1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	EST.
		1	1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	EST.
50			50	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	8.8
238			238	LF	REMOVAL OF EXISTING RAILING	525.10	0.4
238			238	LF	BRIDGE RAILING REPAIR, TYPE II	525.60	0.4
50			50	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
		30	30	LF	15" CPEP	601.0910	-
		6	6	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS I	604.412	-
		5	5	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS II	604.415	-
		5	5	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES CLASS III	604.418	-
		1000	1000	LF	6 INCH UNDERDRAIN PIPE	605.10	EST.
		10	10	EA	UNDERDRAIN FLUSHING BASIN	605.95	EST.
		250	250	HR	POWER GRADER RENTAL	608.15	EST.
		75	75	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
		100	100	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
		100	100	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		RECLAIMED STABILIZED BASE
23,112	SY	MAINLINE
388	SY	ROUNDING
23,500	SY	TOTAL
		SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)
23,112	SY	MAINLINE
388	SY	ROUNDING
23,500	SY	TOTAL
		COLD PLANING, BITUMINOUS PAVEMENT
306	SY	MAINLINE
1598	SY	SIDEROADS
96	SY	ROUNDING
2000	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
4212	TON	WEARING COURSE (TYPE IVS)
723	TON	LEVELING COURSE (TYPE IVS)
3708	TON	BASE COURSE (TYPE IIS)
199	TON	SIDE ROADS
198	TON	PULLOUTS
15	TON	TH-11 INTERSECTION
145	TON	ROUNDING
9200	TON	TOTAL
		AGGREGATE SHOULDERS
35	TON	CAPPING FLARED GUARDRAIL END SECTIONS
456	TON	BACK UP SHOULDERS
9	TON	ROUNDING
500	TON	TOTAL
		AGGREGATE SHOULDERS, RAP
150	TON	BACK UP SHOULDERS
150	TON	TOTAL
		RAP MATERIAL GENERATED FROM PROJECT
215	TON	TOTAL RAP MATERIAL GENERATED
65	TON	SUBBASE, RAP
150	TON	AGGREGATE SHOULDERS, RAP

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

QUANTITY SHEET #1

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222quan1.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 15 OF 114

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

ROADWAY(NO STATE/FEDERAL PARTICIPATION)	BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
			125	125	HR	TRUCK RENTAL	608.37	EST.
			200	200	HR	LOADER RENTAL, TYPE I	608.40	EST.
			5	5	TON	DUST AND ICE CONTROL WITH CALCIUM	609.15	EST.
			200	200	CY	STONE FILL, TYPE I	613.10	6
			400	400	CY	STONE FILL, TYPE II	613.11	23
			45	45	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	0.2
			100	100	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	618.11	2.8
			170	170	SF	DETECTABLE WARNING SURFACE	618.30	-
			40	40	EA	YIELDING MARKER POSTS	619.17	EST.
			1400	1400	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	20.5
			100	100	LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	EST.
			175	175	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	2.4
			5	5	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-
			5	5	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	-
			1000	**1000**	**LF**	**•• ADJUST HEIGHT OF GUARDRAIL**	**621.79**	**EST.**
			4700	4700	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	54
8				8	EA	ADJUST ELEVATION OF VALVE BOX	629.20	-
			1700	1700	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
			2500	2500	HR	FLAGGERS	630.15	EST.
		0.5		0.5	LS	FIELD OFFICE, ENGINEERS	631.10	-
		0.5		0.5	LS	TESTING EQUIPMENT, CONCRETE	631.16	-
		0.5		0.5	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
		0.5		0.5	LU	FIELD OFFICE, TELEPHONE (N.A.B.I.)	631.25	-
			0.5	0.5	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
			1	1	LS	TRAFFIC CONTROL (STP 2627(I))	641.10	-
			4	4	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
			32,500	32,500	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	535
			33,000	33,000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	815
			200	200	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	49
			150	150	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	12
			79	79	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
			300	300	LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	23
			32,500	32,500	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
			33,000	33,000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
			150	150	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
			79	79	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
			300	300	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 621.79, ADJUST HEIGHT OF GUARDRAIL

QUANTITY SHEET #2

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222quan2.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 16 OF 114

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		7200	7200	EA	LINE STRIPING TARGETS	646.76	EST.
		2600	2600	SY	GEOTEXTILE UNDER STONE FILL	649.31	30
		75	75	LB	SEED	651.15	EST.
		380	380	LB	FERTILIZER	651.18	EST.
		2	2	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		165	165	CY	TOPSOIL	651.35	EST.
		760	760	SY	TEMPORARY EROSION MATTING	653.20	4
		455	455	SF	TRAFFIC SIGNS, TYPE A	675.20	0.81
		225	225	LB	TUBULAR STEEL SIGN POST	675.33	14
		1225	1225	EA	SQUARE TUBE SIGN POST AND ANCHOR	675.341	35
		2	2	EA	FOUNDATION FOR TUBULAR STEEL SIGN POST	675.43	-
		134	134	EA	REMOVING SIGNS	675.50	-
		29	29	EA	ERECTING SALVAGED SIGNS	675.60	-
		7	7	EA	DELINEATOR WITH STEEL POST	676.10	-
		1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	EST.
		2	2	EA	SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)	900.620	-
		100	**100**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL)**	**900.640**	**EST.**
		100	**100**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL)**	**900.640**	**EST.**
		2200	2200	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)	900.640	50
		800	800	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/8 FEET POSTS)	900.640	12.5
		850	850	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL DRIVES)	900.675	38
		23,500	23,500	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	388
		325	325	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	12
		300	300	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	6

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL) AND ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL). REMOVED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING).

QUANTITY SHEET #3

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222quan3.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 17 OF 114

ITEM DETAIL SUMMARY SHEET

LOCATION			GUARDRAIL													SIDEWALK					MISCELLANEOUS									REMARKS
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW CY	402.12 AGG. SHLDRS TON	402.13 AGG. SHLDRS, RAP TON	621.20 S.B. G.R., GALV. LF	621.21 HD S.B. G.R., GALV. LF	621.50 MANUF. TERM. SECT. FLARED EA	621.60 ANCHOR FOR S.B. G.R. EA	**621.79 ADJUST HEIGHT OF G.R. LF**	621.80 REMOVAL & DISPOS. G.R. LF	653.20 TEMP. EROSION MATTING SY	900.620 MANUF. TERM. SECT., FLARED/ WEATHERING EA	900.640 STEEL BEAM GUARDRAIL, WEATHERING LF	900.640 S.B. G.R., WEATH. W/8' POST LF	**900.640 BOX BEAM REPAIRS, WEATH, (NEW MTRLS) LF**	**900.640 BOX BEAM REPAIRS, WEATH, (SLVGD MTRLS) LF**	203.17 UNCLFD. EXCAV. CY	301.40 SUB-BASE, RAP TON	618.10 PCC SW, 5 INCH SY	618.11 PCC SW, 8 INCH SY	618.30 DETECT. WARNING SURFACE SF	204.20 TREN. EXCAV. EARTH CY	601.0910 15 INCH CPEP LF	604.412 REHABING DI'S CB'S OR MH'S CLASS I EA	604.415 CLASS II EA	604.418 CLASS III EA	605.10 6 INCH UDRAIN PIPE LF	605.95 UDRAIN FLUSH BASIN EA	676.10 DELIN. W/STEEL POST EA	
MIDDLEBURY:																														
57+02.40	216+84.96	LT/RT		456	150					1000															6	5	5				SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER
83+36.0		LT																1.3	1.5	4.2		16.0 ~~20.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
83+36.0		RT																1.3	1.5	4.2		18.0 ~~20.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
83+82.0		LT																0.9	1.0	2.8		18.0 ~~10.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
83+82.0		RT																0.9	1.0	2.8		16.0 ~~10.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
85+63.0		LT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
86+29 ~~86+15.0~~		LT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
91+10.0		RT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
~~91+51.0~~ 92+00 ~~92+00~~	92+00	RT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
~~91+58.0~~	93+33.0	RT																24.3	48.6		97.2										CONSTRUCT P.C.C. SIDEWALK
97+71.0		LT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
98+02.0		LT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
110+38.0		RT																0.9	1.0	2.8		20 ~~10.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
110+44.0		LT																0.9	1.0	2.8		20 ~~10.0~~									CONSTRUCT SIDEWALK RAMP, TYPE 6 WITH DETECTABLE WARNING SURFACE
110+69.0		RT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
110+75		LT																												
122+77.0		RT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
123+31.0		RT																0.9	1.0	2.8		10.0									CONSTRUCT SIDEWALK RAMP, TYPE I WITH DETECTABLE WARNING SURFACE
137+49.0	138+51.0	RT				~~64.5~~ ~~77.0~~	32.5		1		96.0																				PROVIDE ANCHOR AT 137+55.0. SEE VAOT STANDARD G-ID. CONNECT NEW HD STEEL BEAM GR TO NEW BRIDGE RAIL AT 138+51.0. SEE SHEETS 47&48 FOR BR 13 DETAILS.
~~138+40.0~~ 138+40.00	138+82.0	LT				~~64.5~~ ~~14.5~~	~~52.5~~ ~~57.5~~		2		60.0																				PROVIDE ANCHOR AT 138+40.0 & 138+66.5. SEE VAOT STANDARD G-ID. CONNECT NEW HD STEEL BEAM GR TO NEW BRIDGE RAIL AT 138+82.0. SEE SHEETS 47&48 FOR BR 13 DETAILS.
139+82.3	140+51.0	RT	25	5			41.3	1			60.0	25																		1	CONNECT NEW HD STEEL BEAM GR TO NEW BRIDGE RAIL AT 139+82.3. SEE SHEETS 47&48 FOR BR 13 DETAILS.
~~139+85.0~~	~~216+84.96~~	~~LT/RT~~																					~~500~~					~~1000~~	~~10~~		INSTALL NEW MTS, FLARED FROM 140+13.5 TO 140+51.0 SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER
139+88.3	140+57.0	LT	25	5			32.5 ~~41.3~~	1			60.0	25											68.4					130	1	1	CONNECT NEW HD STEEL BEAM GR TO NEW BRIDGE RAIL AT 139+88.3. SEE SHEETS 47&48 FOR BR 13 DETAILS. INSTALL NEW MTS, FLARED FROM 140+19.5 TO 140+57.0.
56 ~~145+88.0~~	5.50 ~~155+38.0~~	LT	25	5		800 ~~937.5~~ +(87.5) 8' POST		1	1 ~~2~~		948.0	25													30						1	PROVIDE ANCHOR AT 145+88.0 & 146+48.0. SEE SHEET 49 FOR BURIED GR ENDS SECTION INTO BACKSLOPES. INSTALL NEW MTS, FLARED FROM 155+00.5 TO 155+38.0
71.5 ~~173+45.0~~	84.0 ~~177+70.0~~	RT	50	10		337.50 ~~350.0~~		2			415.0	50																		2	INSTALL NEW MTS, FLARED FROM 173+45.0 TO 173+82.5 & 177+32.5 TO 177+70.0.
~~178+13.5~~	216+84.96 ~~208+26.0~~	LT	50	10							3957.5 ~~3007.0~~	50	1 ~~2~~	3462.5 ~~2150.0~~	462.5 ~~787.5~~			2150.0	787.5		97.2									2	INSTALL NEW MTS, FLARED/WEATHERING FROM 178+13.5 TO 178+51.0 & 207+88.5 TO 208+26.0.
~~208+30~~	~~216+84.96~~	~~LT~~														~~100~~	~~100~~														SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
SUBTOTALS			175	491	150	1379.5	172.6	5	5	~~1000~~ ••	~~4646~~	175	~~2~~ 1	2150.0	787.5	~~100~~	~~100~~	38.6	64.6	44.8	97.2	~~170.0~~	500	30	6	5	5	1000	10	7	•• REVISED 02-16-10 BY SEH ADDED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL) AND ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL). REMOVED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). ADDED ITEM 621.79 ADJUST HEIGHT OF GUARDRAIL.
ROUNDING			-	9	-	20.5	2.4	-	-	-	~~54~~	-	-	50.0	12.5	-	-	-	0.4	0.2	2.8	-	-	-	-	-	-	-	-	
TOTALS			175	500	150	1400	175	5	5	~~1000~~ ••	~~4700~~	175	~~2~~ 1	2200	800	~~100~~ ••	~~100~~ ••	38.6	65	45	100	~~170~~	500	30	6	5	5	1000	10	7	
94+50		RT																		7.78		10									
94+50		LT																		6.67		10									

ITEM DETAIL SUMMARY SHEET

PROJECT NAME: MIDDLEBURY

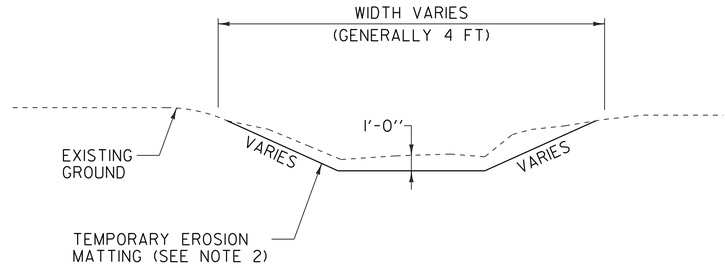
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222ids.i

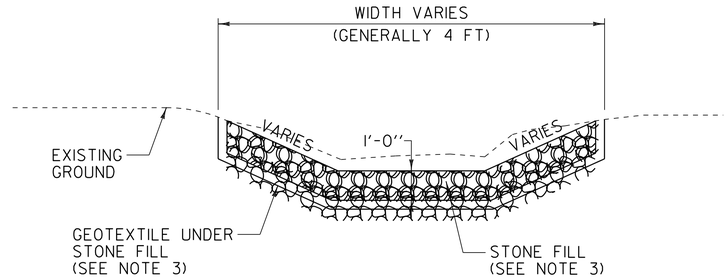
PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 18 OF 114

LOCATION				FEET OF DITCHING				MISC. ITEMS					REMARKS
				PERCENT GRADE				613.10	613.11	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	0-1	1-2.5	2.5-10	>10	STONE FILL, TYPE I	STONE FILL, TYPE II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
VT. ROUTE 125								CY	CY	SY	LB	SY	
MIDDLEBURY:													
1	60+90	64+70	RT		380						3	169	
2	75+00	83+00	LT		800						6	356	
3	141+00	154+10	RT			1310		194		873			
4	191+40	216+85	RT				2545		377	1697			
ROUNDINGS					-	-	-	6	23	30	-	-	
TOTALS					1180	1310	2545	200	400	2600	9	525	

LOCATION				FEET OF DITCHING				MISC. ITEMS					REMARKS
				PERCENT GRADE				613.10	613.11	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	0-1	1-2.5	2.5-10	>10	STONE FILL, TYPE I	STONE FILL, TYPE II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
								CY	CY	SY	LB	SY	



DITCH DETAIL



STONE DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. ESTIMATED QUANTITIES OF STONE FILL TYPE I, STONE FILL TYPE II, AND GEOTEXTILE UNDER STONE FILL HAVE BEEN INCLUDED AS NEEDED. STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2.5 AND 10 PERCENT AND STONE FILL TYPE II SHALL BE USED IN ALL DITCHES WITH A GRADE OVER 10 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

DITCH CLEANING DETAIL SHEET

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222dcd.i

PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 19 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 57+02.40 - STA 67+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 57+02.40 - STA 67+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 57+02.40 - STA 67+00.00 EDGE LINE LT & RT

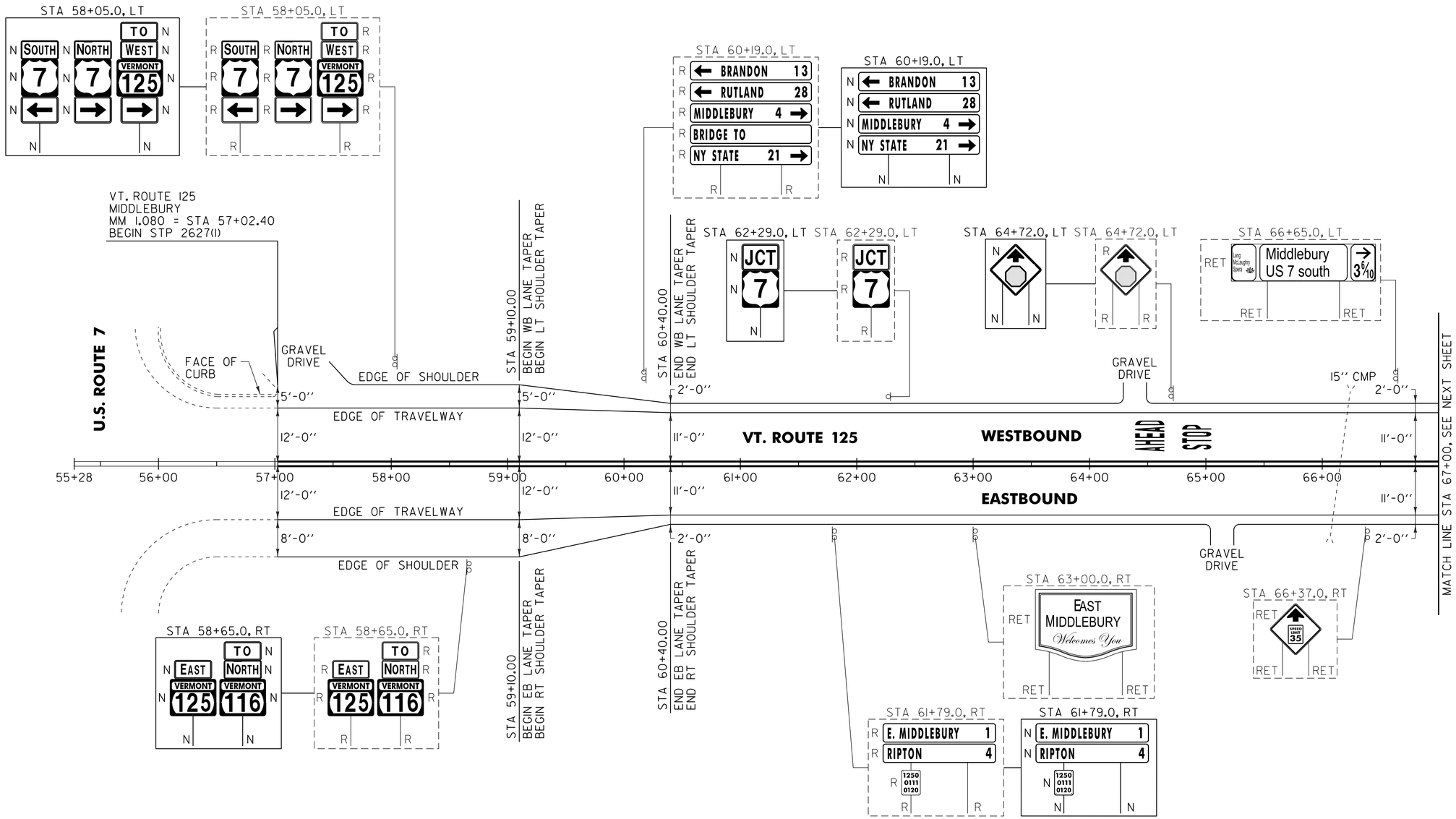
646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 57+02.40 - STA 67+00.00	S	-	S

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 64+51.80 LT, "A,H,E,A,D" (5 EA)
STA 64+92.20 LT, "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 64+51.80 LT, "A,H,E,A,D" (5 EA)
STA 64+92.20 LT, "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 26



NOT TO SCALE

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

PROJECT LAYOUT SHEET #1

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222101.i
PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 20 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 67+00.00 - STA 81+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 67+00.00 - STA 81+00.00	S	-	S
STA 77+29.92 DOUBLE SOLID RT, TH-42			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 67+00.00 - STA 81+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 67+00.00 - STA 81+00.00	S	-	S
STA 77+29.92 DOUBLE SOLID RT, TH-42			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
MIDDLEBURY:
STA 67+80.0 - STA 67+92.0 FIRE HYDRANT, NO PARKING, RT
STA 75+90.0 - STA 76+02.0 FIRE HYDRANT, NO PARKING, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 77+29.92 RT, TH-42

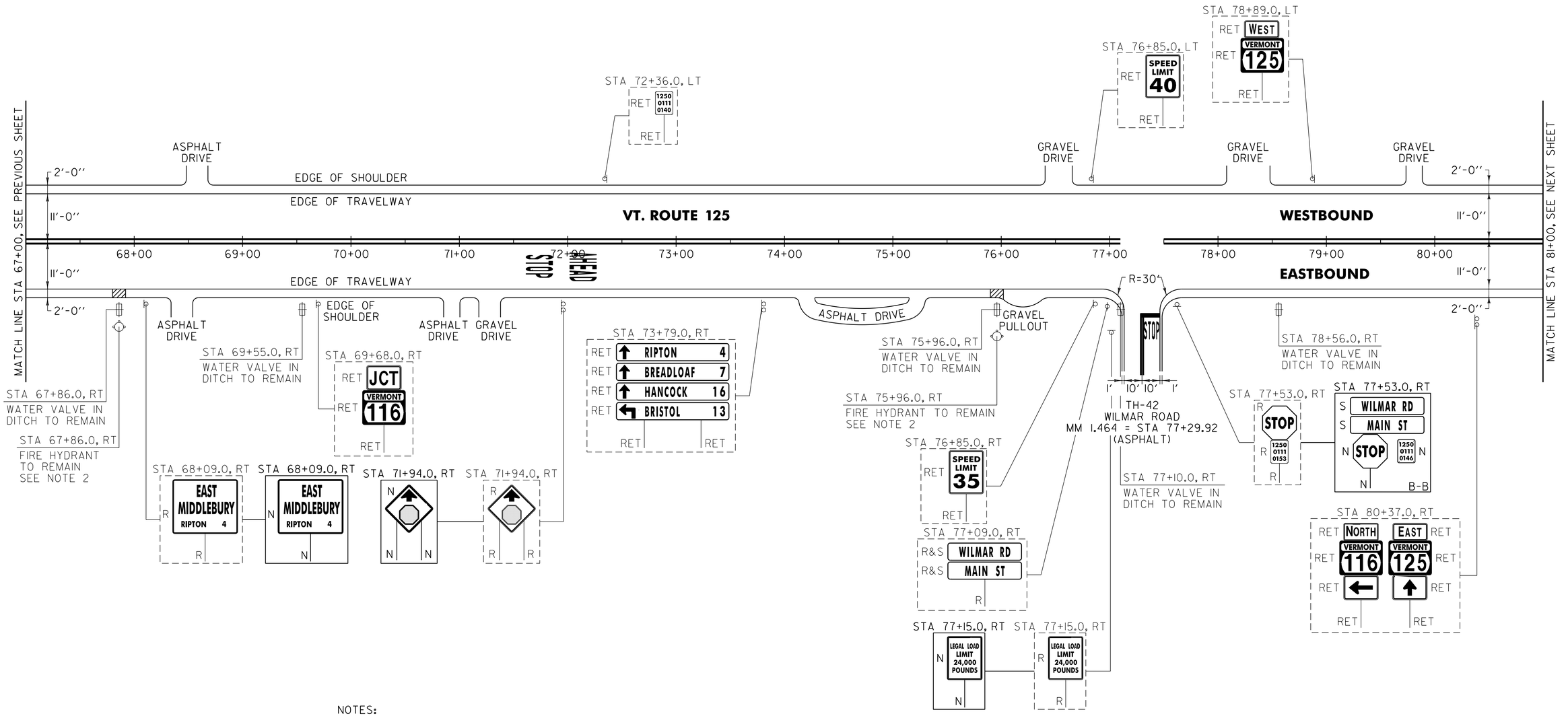
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 77+29.92 RT, TH-42

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 71+73.80 RT, "S,T,O,P" (4 EA)
STA 72+14.20 RT, "A,H,E,A,D" (5 EA)
STA 77+29.92 RT, TH-42 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 71+73.80 RT, "S,T,O,P" (4 EA)
STA 72+14.20 RT, "A,H,E,A,D" (5 EA)
STA 77+29.92 RT, TH-42 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
3. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222102.i
PLOT DATE: 18-SEP-2013 17:08
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 21 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 81+00.00 - STA 86+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 81+00.00 - STA 86+50.00	S	-	S
STA 83+63.52 DOUBLE SOLID LT, VT. ROUTE 116			
STA 83+63.52 DOUBLE SOLID RT, VT. ROUTE 116			
STA 85+90.56 DOUBLE SOLID LT, TH-38			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
MIDDLEBURY:
STA 83+99.0 - STA 84+11.0 FIRE HYDRANT, NO PARKING, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 83+30.00 RT
STA 83+63.52 LT, VT. ROUTE 116
STA 83+63.52 RT, VT. ROUTE 116
STA 83+96.00 LT
STA 85+90.56 LT, TH-38

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 83+30.00 RT
STA 83+63.52 LT, VT. ROUTE 116
STA 83+63.52 RT, VT. ROUTE 116
STA 83+96.00 LT
STA 85+90.56 LT, TH-38

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 83+22.00 RT, "S,T,O,P" (4 EA)
STA 83+63.52 LT, VT. ROUTE 116 "S,T,O,P" (4 EA)
STA 83+63.52 RT, VT. ROUTE 116 "S,T,O,P" (4 EA)
STA 84+04.00 LT, "S,T,O,P" (4 EA)
STA 85+90.56 LT, TH-38 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 83+22.00 RT, "S,T,O,P" (4 EA)
STA 83+63.52 LT, VT. ROUTE 116 "S,T,O,P" (4 EA)
STA 83+63.52 RT, VT. ROUTE 116 "S,T,O,P" (4 EA)
STA 84+04.00 LT, "S,T,O,P" (4 EA)
STA 85+90.56 LT, TH-38 "S,T,O,P" (4 EA)

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 81+00.00 - STA 86+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

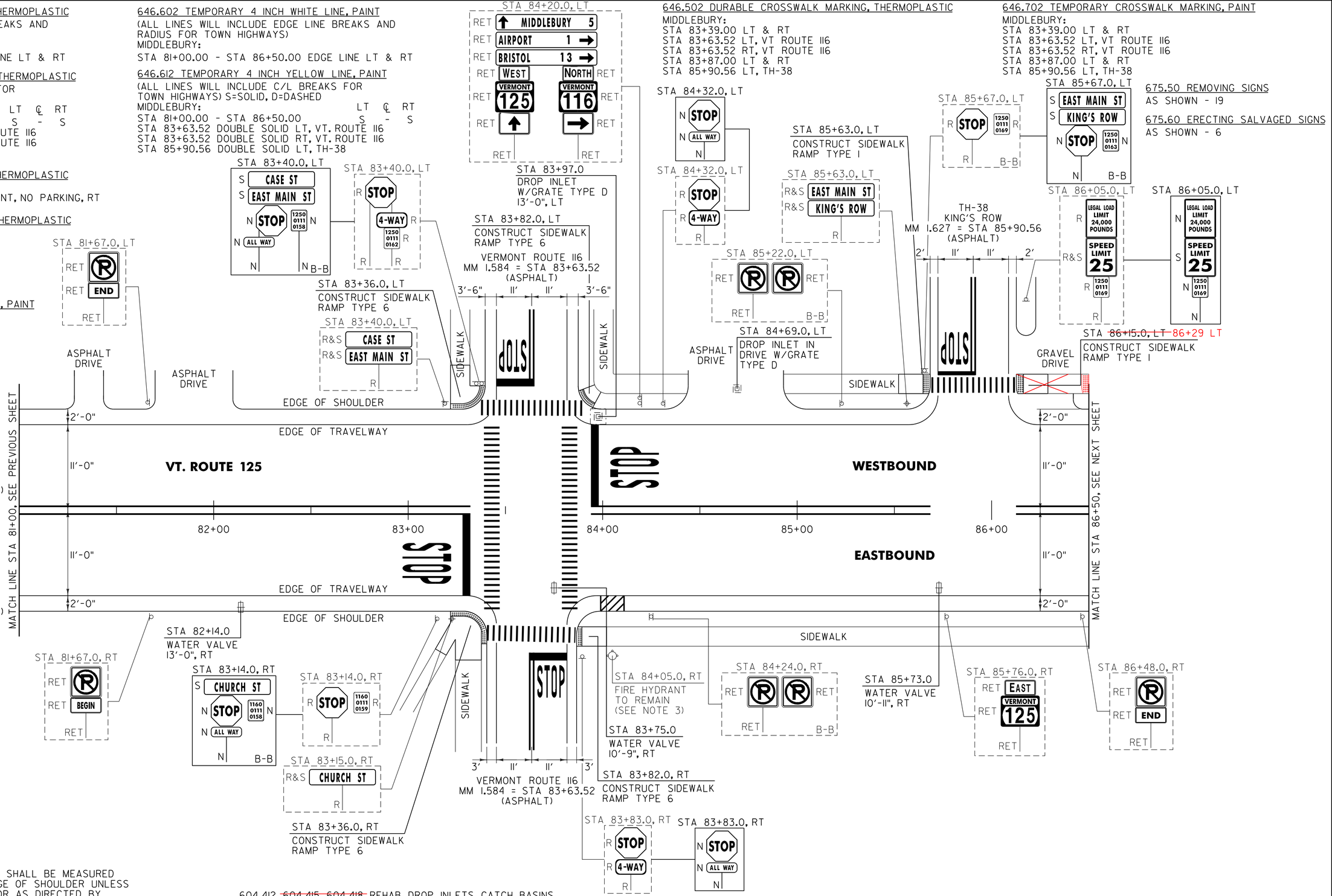
MIDDLEBURY:	LT	℄	RT
STA 81+00.00 - STA 86+50.00	S	-	S
STA 83+63.52 DOUBLE SOLID LT, VT. ROUTE 116			
STA 83+63.52 DOUBLE SOLID RT, VT. ROUTE 116			
STA 85+90.56 DOUBLE SOLID LT, TH-38			

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
MIDDLEBURY:
STA 83+39.00 LT & RT
STA 83+63.52 LT, VT ROUTE 116
STA 83+63.52 RT, VT ROUTE 116
STA 83+87.00 LT & RT
STA 85+90.56 LT, TH-38

646.702 TEMPORARY CROSSWALK MARKING, PAINT
MIDDLEBURY:
STA 83+39.00 LT & RT
STA 83+63.52 LT, VT ROUTE 116
STA 83+63.52 RT, VT ROUTE 116
STA 83+87.00 LT & RT
STA 85+90.56 LT, TH-38

675.50 REMOVING SIGNS
AS SHOWN - 19

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 6



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

604.412, ~~604.415, 604.418~~ REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, ~~II, III~~ (SEE NOTE 2)

MIDDLEBURY:
STA 83+97.0 LT
~~STA 84+69.0 LT~~ DID NOT TOUCH

629.20 ADJUST ELEVATION OF VALVE BOX

MIDDLEBURY:
STA 82+14.0 RT
STA 83+75.0 RT
STA 85+73.0 RT

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

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222103.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 22 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 86+50.00 - STA 100+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 86+50.00 - STA 100+50.00	S	-	S
STA 91+50.24 DOUBLE SOLID RT, OSSIE ROAD			
STA 97+89.12 DOUBLE SOLID LT, TH-29			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 86+50.00 - STA 100+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 86+50.00 - STA 100+50.00	S	-	S
STA 91+50.24 DOUBLE SOLID RT, OSSIE ROAD			
STA 97+89.12 DOUBLE SOLID LT, TH-29			

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
MIDDLEBURY:
STA 92+18.0 - STA 92+30.0 FIRE HYDRANT, NO PARKING, RT
STA 100+29.0 - STA 100+41.0 FIRE HYDRANT, NO PARKING, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 91+50.24 RT, OSSIE ROAD
STA 97+89.12 LT, TH-29

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 91+50.24 RT, OSSIE ROAD
STA 97+89.12 LT, TH-29

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 90+41.80 LT, "A,H,E,A,D" (5 EA)
STA 90+82.20 LT, "S,T,O,P" (4 EA)
STA 91+50.24 RT, OSSIE ROAD "S,T,O,P" (4 EA)
STA 97+89.12 LT, TH-29 "S,T,O,P" (4 EA)

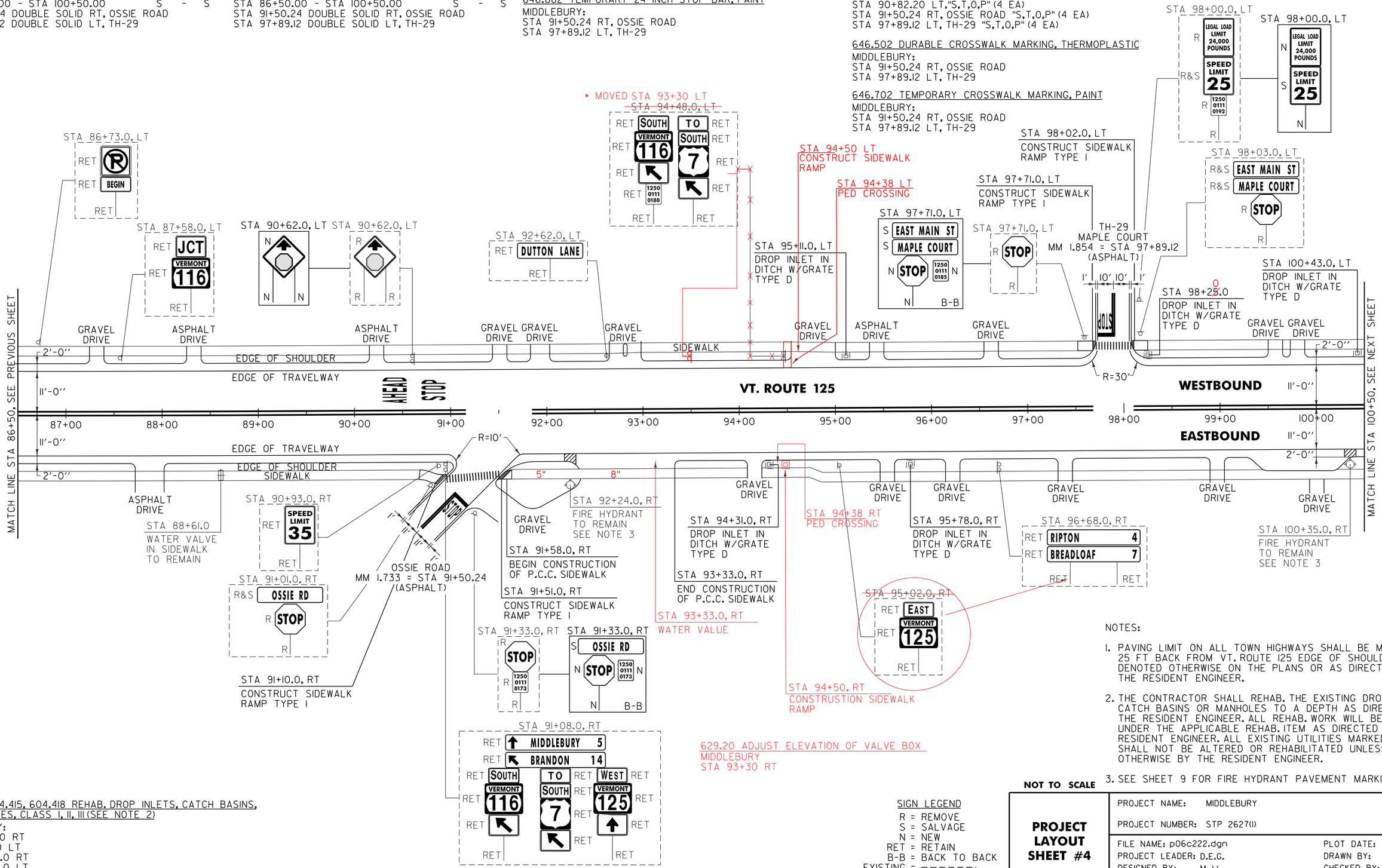
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 90+41.80 LT, "A,H,E,A,D" (5 EA)
STA 90+82.20 LT, "S,T,O,P" (4 EA)
STA 91+50.24 RT, OSSIE ROAD "S,T,O,P" (4 EA)
STA 97+89.12 LT, TH-29 "S,T,O,P" (4 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
MIDDLEBURY:
STA 91+50.24 RT, OSSIE ROAD
STA 97+89.12 LT, TH-29

646.702 TEMPORARY CROSSWALK MARKING, PAINT
MIDDLEBURY:
STA 91+50.24 RT, OSSIE ROAD
STA 97+89.12 LT, TH-29

675.50 REMOVING SIGNS
AS SHOWN - 12

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4



629.20 ADJUST ELEVATION OF VALVE BOX
MIDDLEBURY
STA 93+30 RT

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III (SEE NOTE 2)
MIDDLEBURY:
STA 94+31.0 RT
STA 95+11.0 LT
STA 95+78.0 RT
STA 98+25.0 LT
STA 100+43.0 LT

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

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222104.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 23 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 100+50.00 - STA 114+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 100+50.00 - STA 114+50.00	S	-	S
STA 110+56.32 DOUBLE SOLID RT, TH-33			
STA 110+61.60 DOUBLE SOLID LT, TH-27			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 100+50.00 - STA 114+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 100+50.00 - STA 114+50.00	S	-	S
STA 110+56.32 DOUBLE SOLID RT, TH-33			
STA 110+61.60 DOUBLE SOLID LT, TH-27			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 110+56.32 RT, TH-33
STA 110+61.60 LT, TH-27

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 110+56.32 RT, TH-33
STA 110+61.60 LT, TH-27

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
MIDDLEBURY:
STA 110+06.0 - STA 110+18.0 FIRE HYDRANT, NO PARKING, RT

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 110+56.32 RT, TH-33 "S,T,O,P" (4 EA)
STA 110+61.60 LT, TH-27 "S,T,O,P" (4 EA)

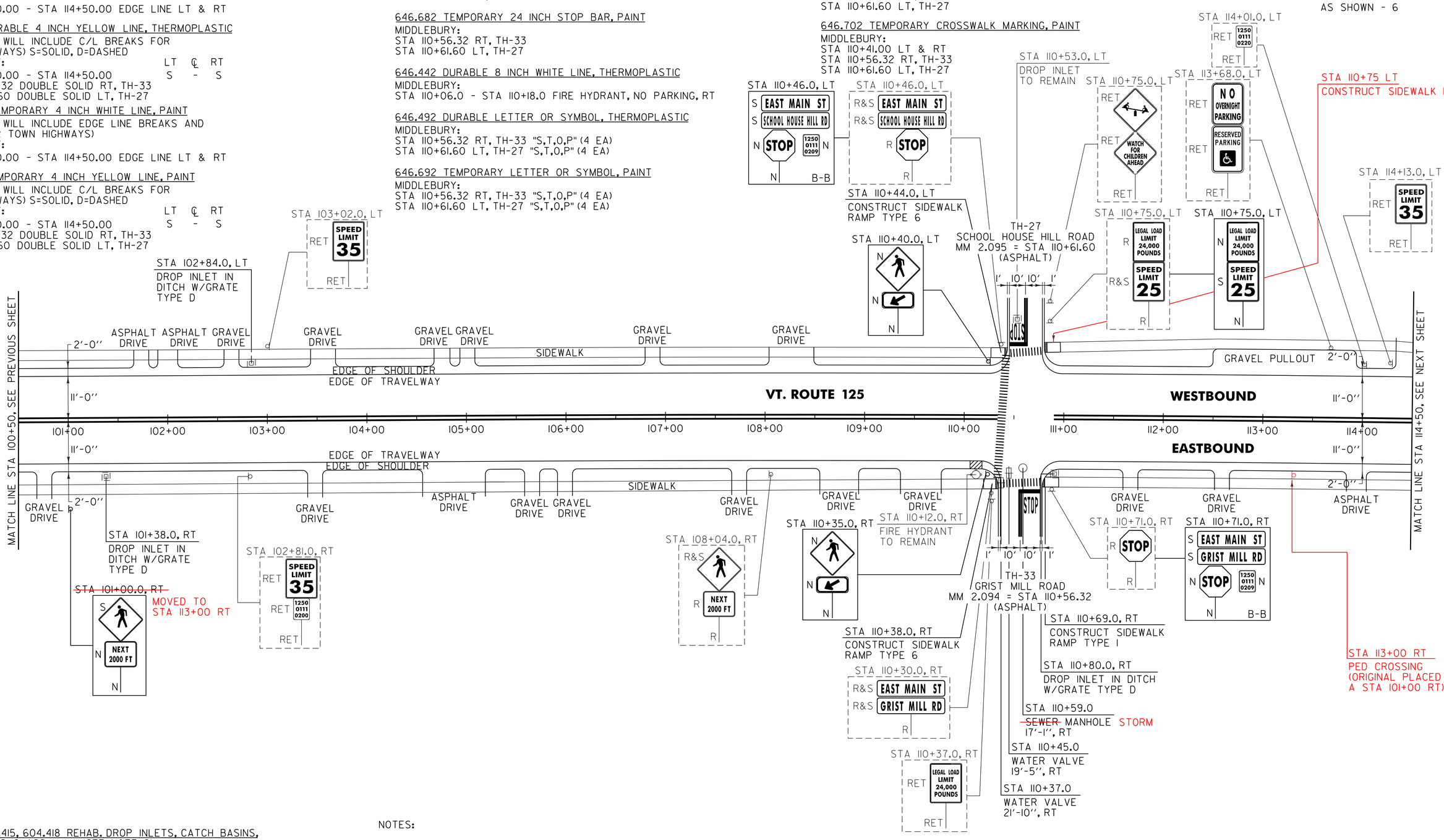
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 110+56.32 RT, TH-33 "S,T,O,P" (4 EA)
STA 110+61.60 LT, TH-27 "S,T,O,P" (4 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
MIDDLEBURY:
STA 110+41.00 LT & RT
STA 110+56.32 RT, TH-33
STA 110+61.60 LT, TH-27

646.702 TEMPORARY CROSSWALK MARKING, PAINT
MIDDLEBURY:
STA 110+41.00 LT & RT
STA 110+56.32 RT, TH-33
STA 110+61.60 LT, TH-27

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 6



604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III (SEE NOTE 2)
MIDDLEBURY:
~~STA 101+38.0 RT~~ CLEANED OUT ONLY
STA 102+84.0 LT
~~STA 110+80.0 RT~~ CLEANED OUT ONLY

~~604.42 CHANGING ELEVATION OF SEWER MANHOLE - TO BE DONE BY OTHERS~~
MIDDLEBURY:
STA 110+59.0 RT MANHOLE STORM

629.20 ADJUST ELEVATION OF VALVE BOX
MIDDLEBURY:
STA 110+37.0 RT
STA 110+45.0 RT

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222105.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 24 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 114+50.00 - STA 128+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:

	LT	℄	RT
STA 114+50.00 - STA 128+50.00	S	-	S

STA 123+02.40 DOUBLE SOLID RT, TH-23

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 114+50.00 - STA 128+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:

	LT	℄	RT
STA 114+50.00 - STA 128+50.00	S	-	S

STA 123+02.40 DOUBLE SOLID RT, TH-23

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
MIDDLEBURY:
STA 117+22.0 - STA 117+34.0 FIRE HYDRANT, NO PARKING, RT
STA 122+54.0 - STA 122+66.0 FIRE HYDRANT, NO PARKING, RT
STA 128+08.0 - STA 128+20.0 FIRE HYDRANT, NO PARKING, RT

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 123+02.40 RT, TH-23

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 123+02.40 RT, TH-23

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 123+02.40 RT, TH-23 "S,T,O,P" (4 EA)

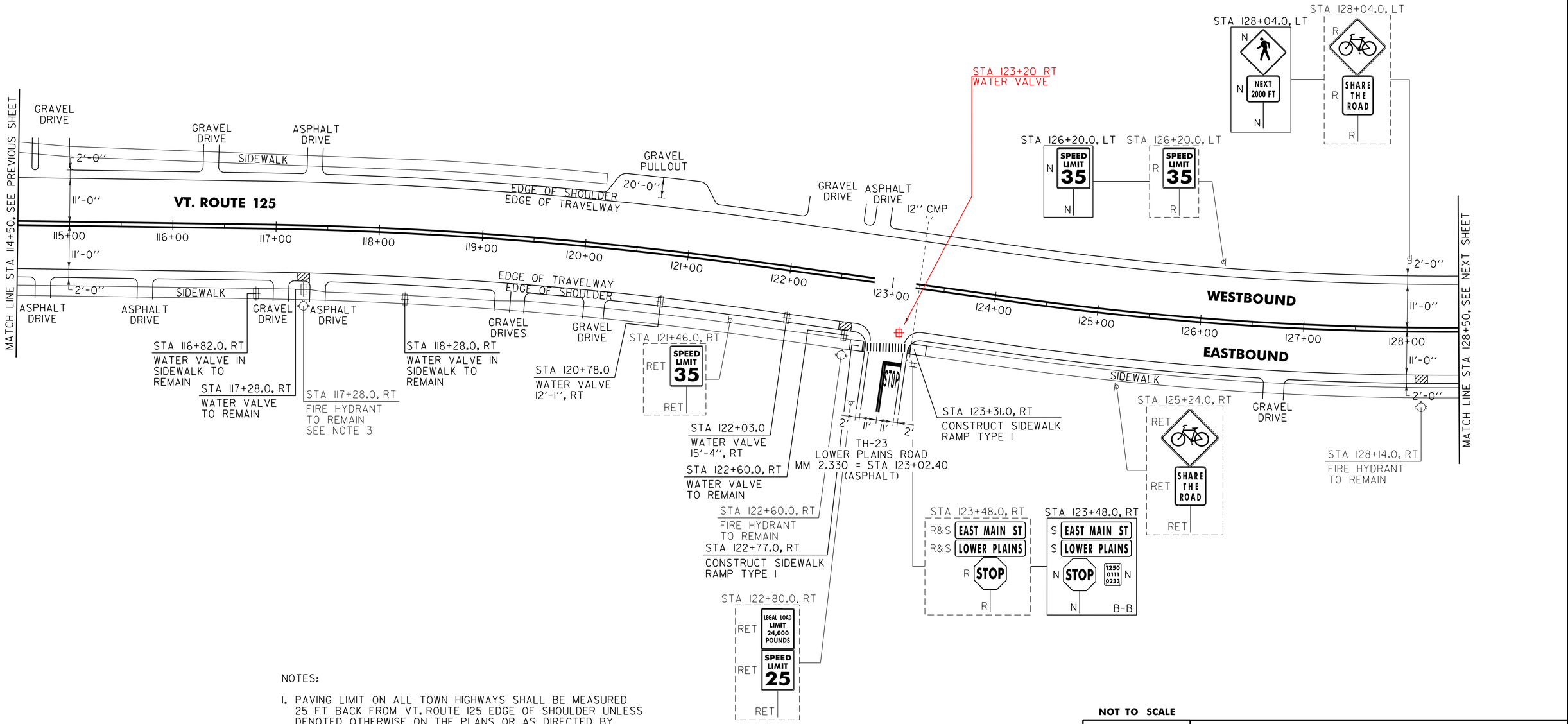
646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 123+02.40 RT, TH-23 "S,T,O,P" (4 EA)

646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC
MIDDLEBURY:
STA 123+02.40 RT, TH-23

646.702 TEMPORARY CROSSWALK MARKING, PAINT
MIDDLEBURY:
STA 123+02.40 RT, TH-23

675.50 REMOVING SIGNS
AS SHOWN - 6

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 2



NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATION RENTAL, TYPE I.
3. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.

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

NOT TO SCALE

629.20 ADJUST ELEVATION OF VALVE BOX
MIDDLEBURY:
STA 120+78.0 RT
~~STA 122+03. RT~~ DID NOT FIND
STA 123+20 RT

PROJECT LAYOUT SHEET #6

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222106.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 25 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 128+50.00 - STA 143+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:

	LT	℄	RT
STA 128+50.00 - STA 143+50.00	S	-	S
STA 138+44.16 DOUBLE SOLID LT, TH-35			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 128+50.00 - STA 143+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:

	LT	℄	RT
STA 128+50.00 - STA 143+50.00	S	-	S
STA 138+44.16 DOUBLE SOLID LT, TH-35			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 138+44.16 LT, TH-35

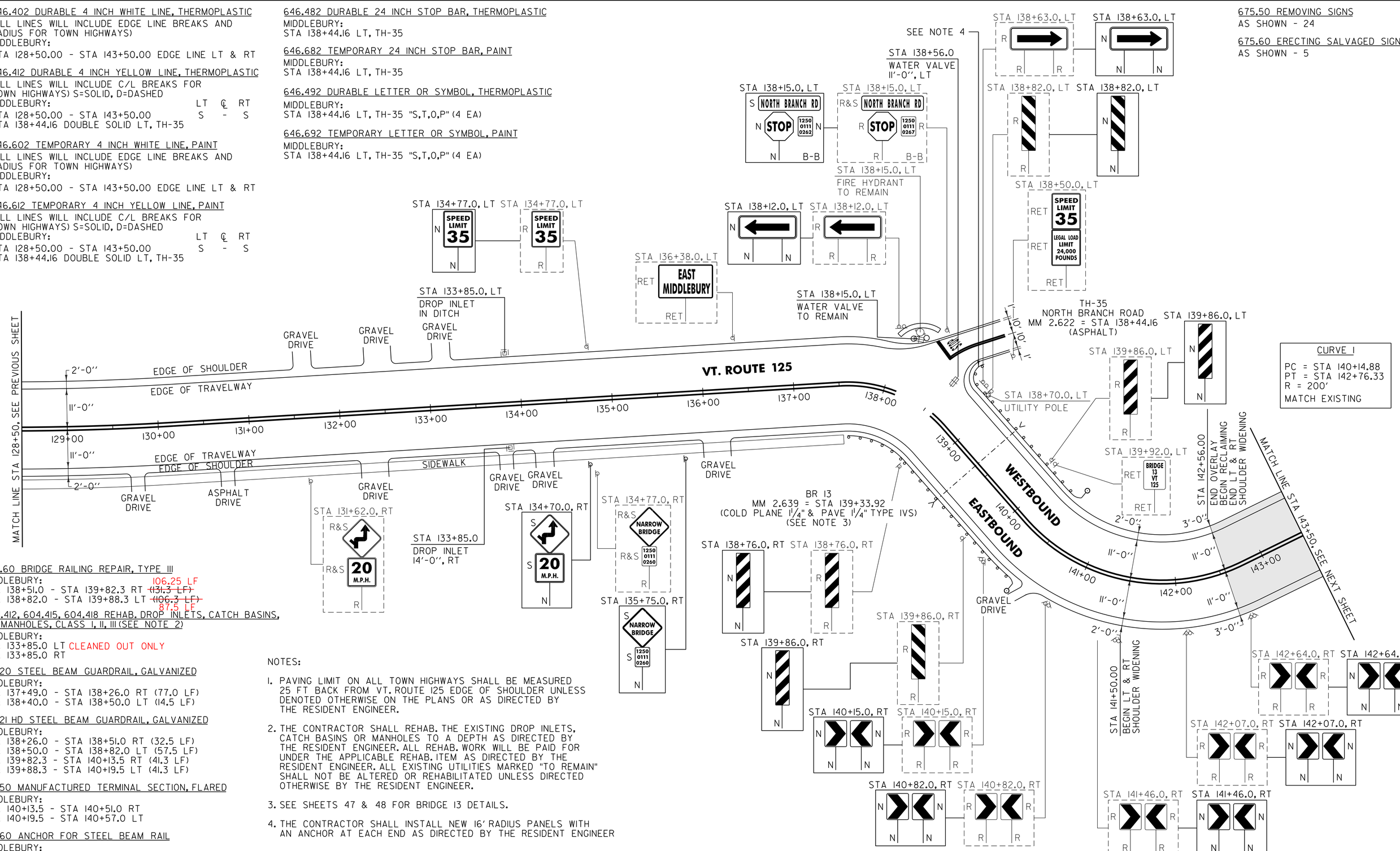
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 138+44.16 LT, TH-35

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 138+44.16 LT, TH-35 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 138+44.16 LT, TH-35 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 24

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 5



CURVE 1
PC = STA 140+14.88
PT = STA 142+76.33
R = 200'
MATCH EXISTING

525.60 BRIDGE RAILING REPAIR, TYPE III
MIDDLEBURY:
STA 138+51.0 - STA 139+82.3 RT ~~(131.3 LF)~~ 106.25 LF
STA 138+82.0 - STA 139+88.3 LT ~~(106.3 LF)~~ 87.5 LF

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III (SEE NOTE 2)
MIDDLEBURY:
STA 133+85.0 LT CLEANED OUT ONLY
STA 133+85.0 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
MIDDLEBURY:
STA 137+49.0 - STA 138+26.0 RT (77.0 LF)
STA 138+40.0 - STA 138+50.0 LT (14.5 LF)

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED
MIDDLEBURY:
STA 138+26.0 - STA 138+51.0 RT (32.5 LF)
STA 138+50.0 - STA 138+82.0 LT (57.5 LF)
STA 139+82.3 - STA 140+13.5 RT (41.3 LF)
STA 139+88.3 - STA 140+19.5 LT (41.3 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
MIDDLEBURY:
STA 140+13.5 - STA 140+51.0 RT
STA 140+19.5 - STA 140+57.0 LT

621.60 ANCHOR FOR STEEL BEAM RAIL
MIDDLEBURY:
STA 137+55.0 RT
STA 138+40.0 LT
STA 138+66.5 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
MIDDLEBURY:
STA 137+55.0 - STA 138+51.0 RT (96.0 LF)
STA 138+40.0 - STA 138+82.0 LT (60.0 LF)
STA 139+82.3 - STA 140+42.0 RT (60.0 LF)
STA 139+88.3 - STA 140+48.0 LT (60.0 LF)

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. SEE SHEETS 47 & 48 FOR BRIDGE 13 DETAILS.
4. THE CONTRACTOR SHALL INSTALL NEW 16' RADIUS PANELS WITH AN ANCHOR AT EACH END AS DIRECTED BY THE RESIDENT ENGINEER

629.20 ADJUST ELEVATION OF VALVE BOX
MIDDLEBURY:
STA 138+56.0 LT

676.10 DELINEATOR WITH STEEL POST
MIDDLEBURY:
STA 140+51.0 RT
STA 140+57.0 LT

AREA TO BE RECLAIMED

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

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222107.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 26 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 143+50.00 - STA 158+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 143+50.00 - STA 158+00.00	S	-	S

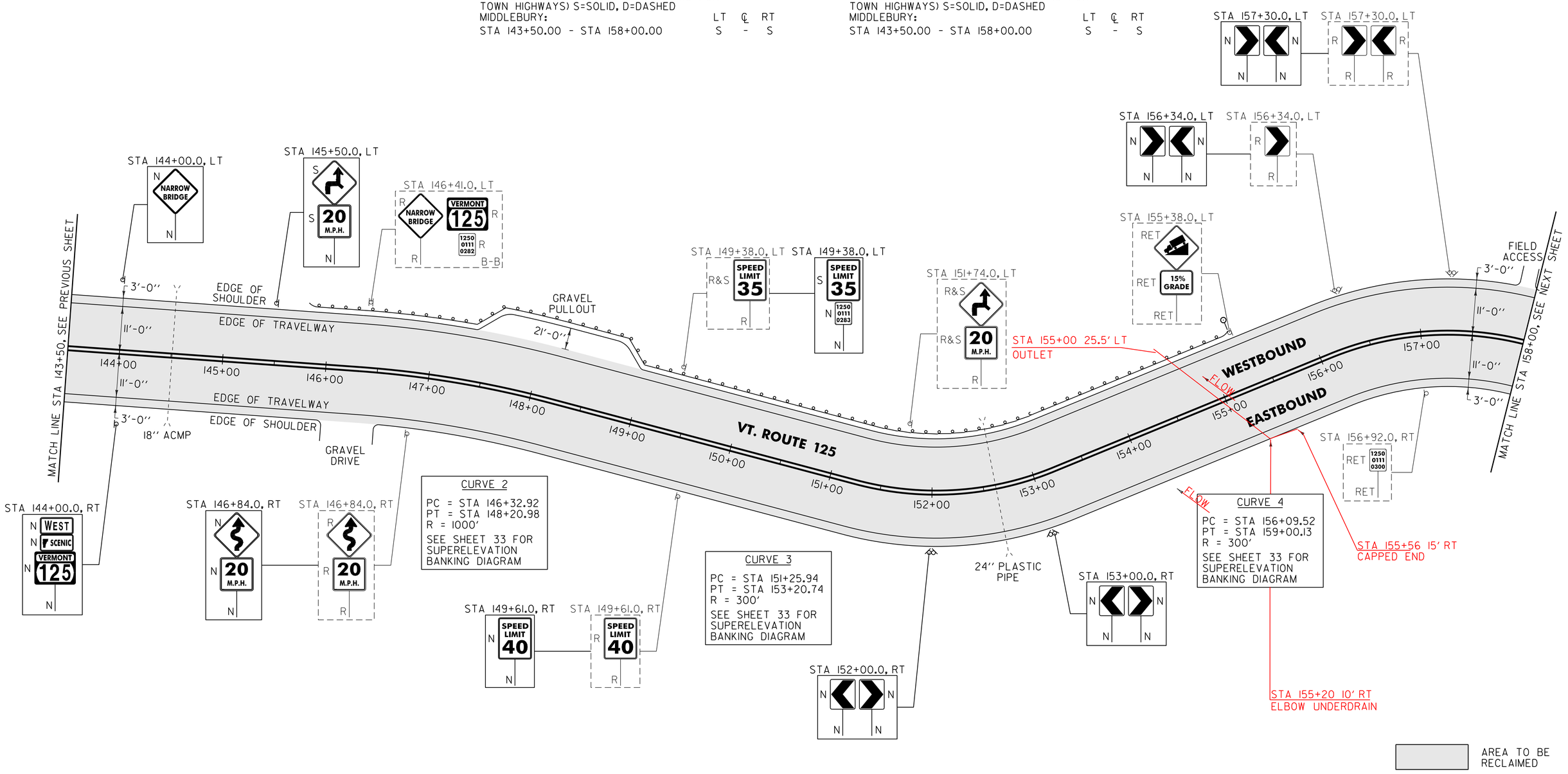
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 143+50.00 - STA 158+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 143+50.00 - STA 158+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 12

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



CURVE 2
PC = STA 146+32.92
PT = STA 148+20.98
R = 1000'
SEE SHEET 33 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 3
PC = STA 151+25.94
PT = STA 153+20.74
R = 300'
SEE SHEET 33 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 4
PC = STA 156+09.52
PT = STA 159+00.13
R = 300'
SEE SHEET 33 FOR SUPERELEVATION BANKING DIAGRAM

AREA TO BE RECLAIMED

621.60 ANCHOR FOR STEEL BEAM GUARDRAIL
MIDDLEBURY:
STA 145+88.0 LT
STA 146+48.0 LT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
MIDDLEBURY:
STA 145+88.0 - STA 155+00.5 LT (937.5 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
MIDDLEBURY:
STA 155+00.5 - STA 155+38.0 LT

601.0910 15 INCH CPEP
MIDDLEBURY:
STA 145+88.0 LT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
MIDDLEBURY:
STA 145+90.0 - STA 155+38.0 LT (948.0 LF)

676.10 DELINEATOR WITH STEEL POST
MIDDLEBURY:
STA 155+38.0 LT

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

NOTE:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222108.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 27 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 158+00.00 - STA 173+50.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

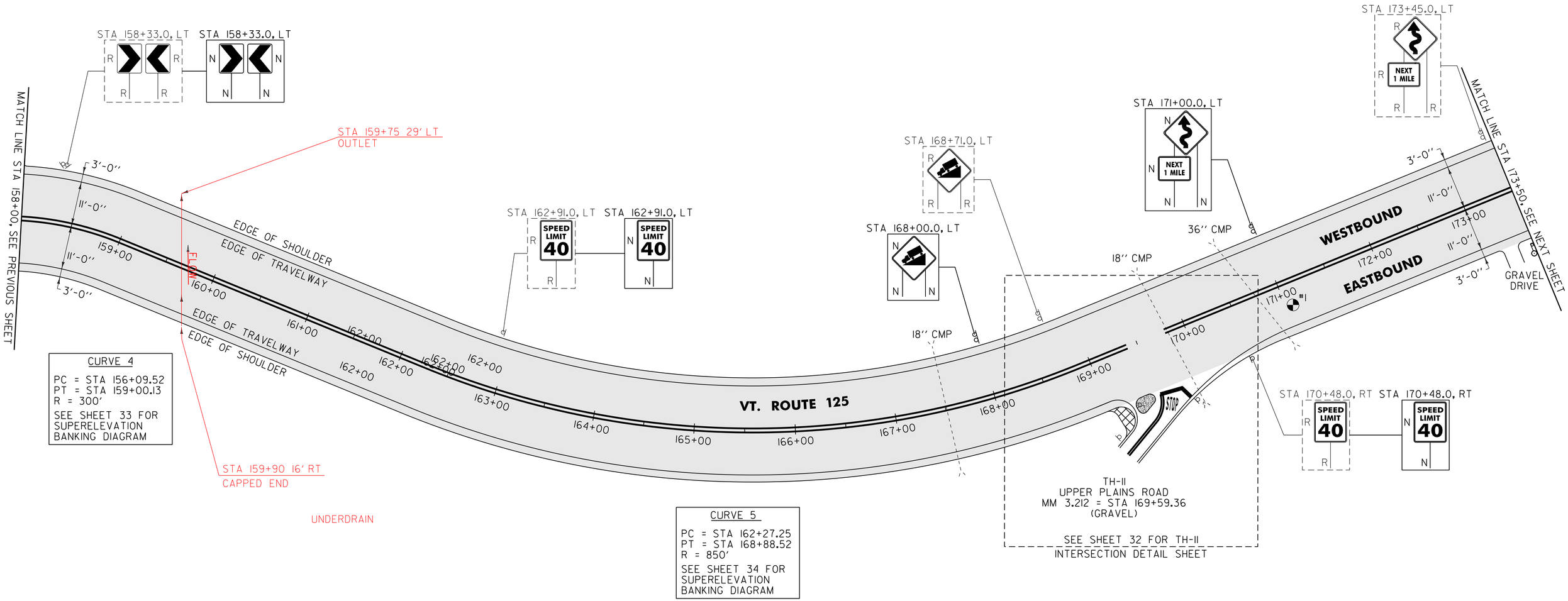
MIDDLEBURY:	LT	℄	RT
STA 158+00.00 - STA 173+50.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 158+00.00 - STA 173+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 158+00.00 - STA 173+50.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 7



CURVE 4
PC = STA 156+09.52
PT = STA 159+00.13
R = 300'
SEE SHEET 33 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 5
PC = STA 162+27.25
PT = STA 168+88.52
R = 850'
SEE SHEET 34 FOR SUPERELEVATION BANKING DIAGRAM

AREA TO BE RECLAIMED

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

621.50 MANUFACTURED TERMINAL SECTION, FLARED
MIDDLEBURY:
STA 173+45.0 - STA 173+50.0 RT

676.10 DELINEATOR WITH STEEL POST
MIDDLEBURY:
STA 173+45.0 RT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
1	6¾"	NO	

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

NOT TO SCALE

PROJECT LAYOUT SHEET #9

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222109.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 28 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 173+50.00 - STA 188+00.00 EDGE LINE LT & RT

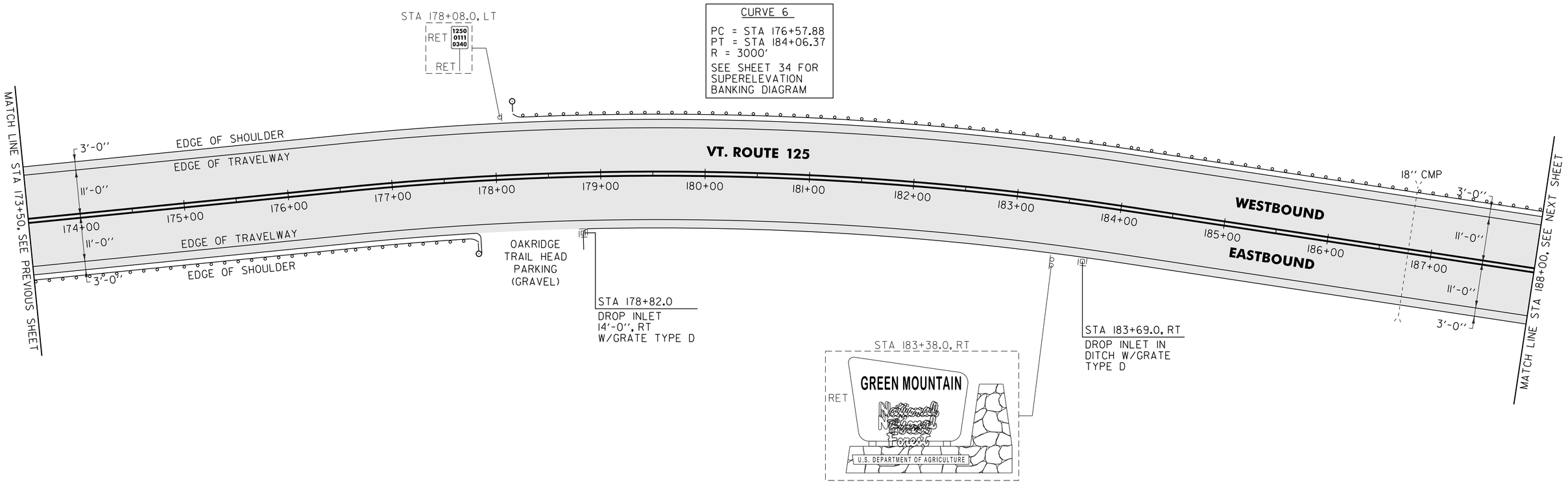
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 173+50.00 - STA 188+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 173+50.00 - STA 188+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 173+50.00 - STA 188+00.00	S	-	S



AREA TO BE RECLAIMED

NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III (SEE NOTE 1)
MIDDLEBURY:
STA 178+82.0 RT
STA 183+69.0 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED
MIDDLEBURY:
STA 173+82.5 - STA 177+32.5 RT (350.0 LF)

621.50 MANUFACTURED TERMINAL SECTION, FLARED
MIDDLEBURY:
STA 173+50.0 - STA 173+82.5 RT
STA 177+32.5 - STA 177+70.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
MIDDLEBURY:
STA 173+55.0 - STA 177+70.0 RT (415.0 LF)
STA 178+19.0 - STA 188+00.0 LT (981.0 LF)

676.10 DELINEATOR WITH STEEL POST
MIDDLEBURY:
STA 177+70.0 RT
STA 178+13.5 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
MIDDLEBURY:
STA 178+13.5 - STA 178+51.0 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
MIDDLEBURY:
STA 178+51.0 - STA 188+00.0 (949.0 LF)

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

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222110.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 29 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 188+00.00 - STA 202+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

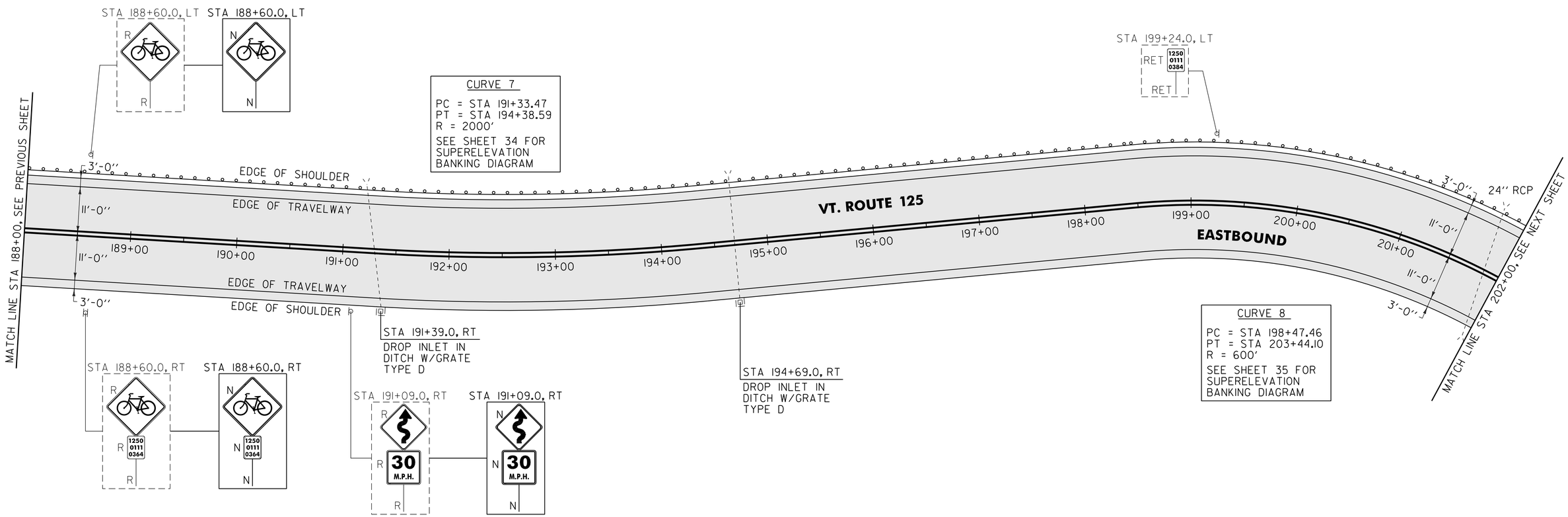
MIDDLEBURY:	LT	℄	RT
STA 188+00.00 - STA 202+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 188+00.00 - STA 202+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

MIDDLEBURY:	LT	℄	RT
STA 188+00.00 - STA 202+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 5



604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS R MANHOLES, CLASS I, II, III (SEE NOTE 1)
MIDDLEBURY:
STA 191+39.0 RT
STA 194+69.0 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
MIDDLEBURY:
STA 188+00.0 - STA 202+00.0 LT (1400.0 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
MIDDLEBURY:
STA 188+00.0 - STA 191+26.0 LT (326.0 LF)
STA 199+13.5 - STA 202+00.0 LT (286.5 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING W/ 8 FEET POSTS)
MIDDLEBURY:
STA 191+26.0 - STA 199+13.5 LT (787.5 LF)

NOTE:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #11

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222III.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 30 OF 114

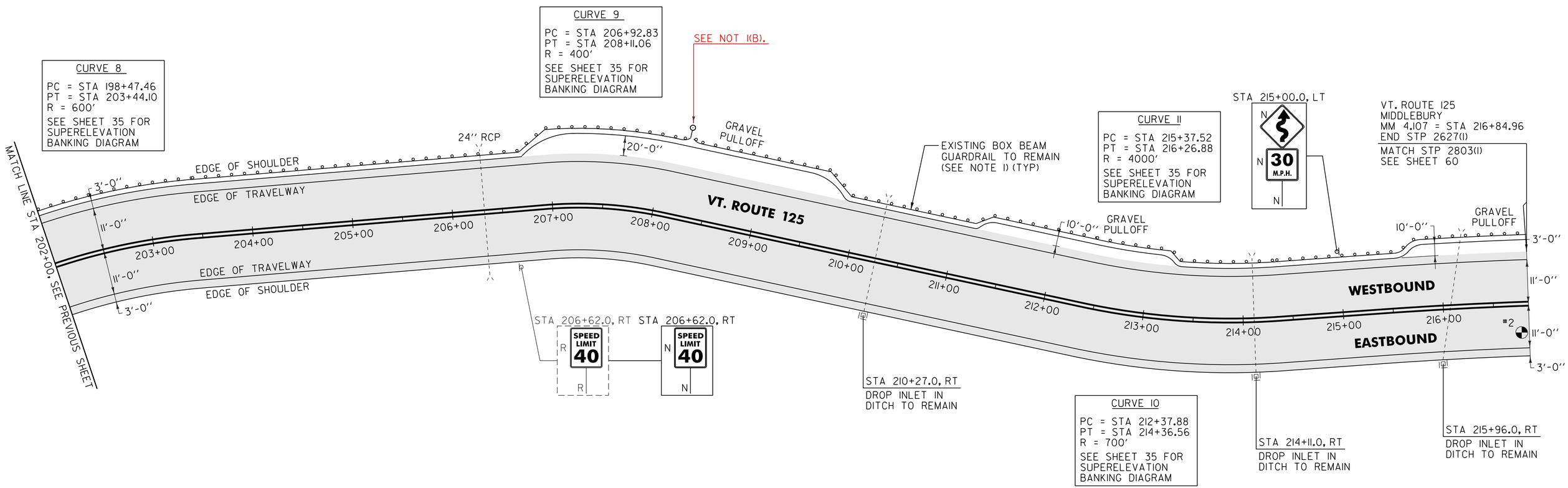
646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 202+00.00 - STA 216+84.96 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY: LT ℄ RT
STA 202+00.00 - STA 216+84.96 S - S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
MIDDLEBURY:
STA 202+00.00 - STA 216+84.96 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY: LT ℄ RT
STA 202+00.00 - STA 216+84.96 S - S

675.50 REMOVING SIGNS
AS SHOWN - 1



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
MIDDLEBURY:
STA 202+00.0 - ~~STA 208+26.0 LT (626.0 LF)~~ STA 216+84.96 LT

~~676.10 DELINEATOR WITH STEEL POST~~
~~MIDDLEBURY:~~
~~STA 208+26.0 LT~~

~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)~~
~~MIDDLEBURY:~~
~~STA 207+88.5 - STA 208+26.0 LT~~

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
MIDDLEBURY:
STA 202+00.0 - ~~STA 207+88.5 LT (588.5 LF)~~ STA 216+84.96 LT

NOTES:

1. THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN MIDDLEBURY STA 208+30 AND STA 216+84.96 LT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.

2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

3. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

1(B). DISTRICT #9 ENVIRONMENTAL COMMISSION ("COMMISSION") HERBY ISSUES LAND USE ADMINISTRATIVE AMENDMENT PERMIT #9A0221-5 PURSUANT TO AUTHORITY VESTED IN IT BY 10 V.S.A., CHAPTER 151. THIS PERMIT APPLIES TO LAND IDENTIFIED IN THE LAND RECORDS OF MIDDLEBURY & RIPTON, VERMONT, AS THE SUBJECT OF A DEED TO THE PERMITTE, AS GRANTEE. THIS PERMIT SPECIFICALLY AUTHORIZES THE PERMITTEE TO REPLACE APPROXIMATELY 7,186 FEET OF EXISTING GUARDRAIL WITH OXIDIZING W-BEAM GUARDRAIL ALONG SECTION OF VERMONT ROUTE 125 (PROJECT). THE PROJECT LOACTED OFF OF VERMONT ROUTE 125 IN MIDDLEBURY & RIPTON, VERMONT. DATED OCTOBER 12, 2010

STA 208+30 LT TO STA 216+84.96 LT
WILL BE PAID UNDER ITEM 900.640
SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)

AREA TO BE RECLAIMED

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
2	7"	NO	

NOT TO SCALE

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

PROJECT LAYOUT SHEET #12

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222112.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 31 OF 114

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:
STA 169+59.36 DOUBLE SOLID RT, TH-11

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
MIDDLEBURY:
STA 169+59.36 DOUBLE SOLID RT, TH-11

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
MIDDLEBURY:
STA 169+59.36 RT. TH-11

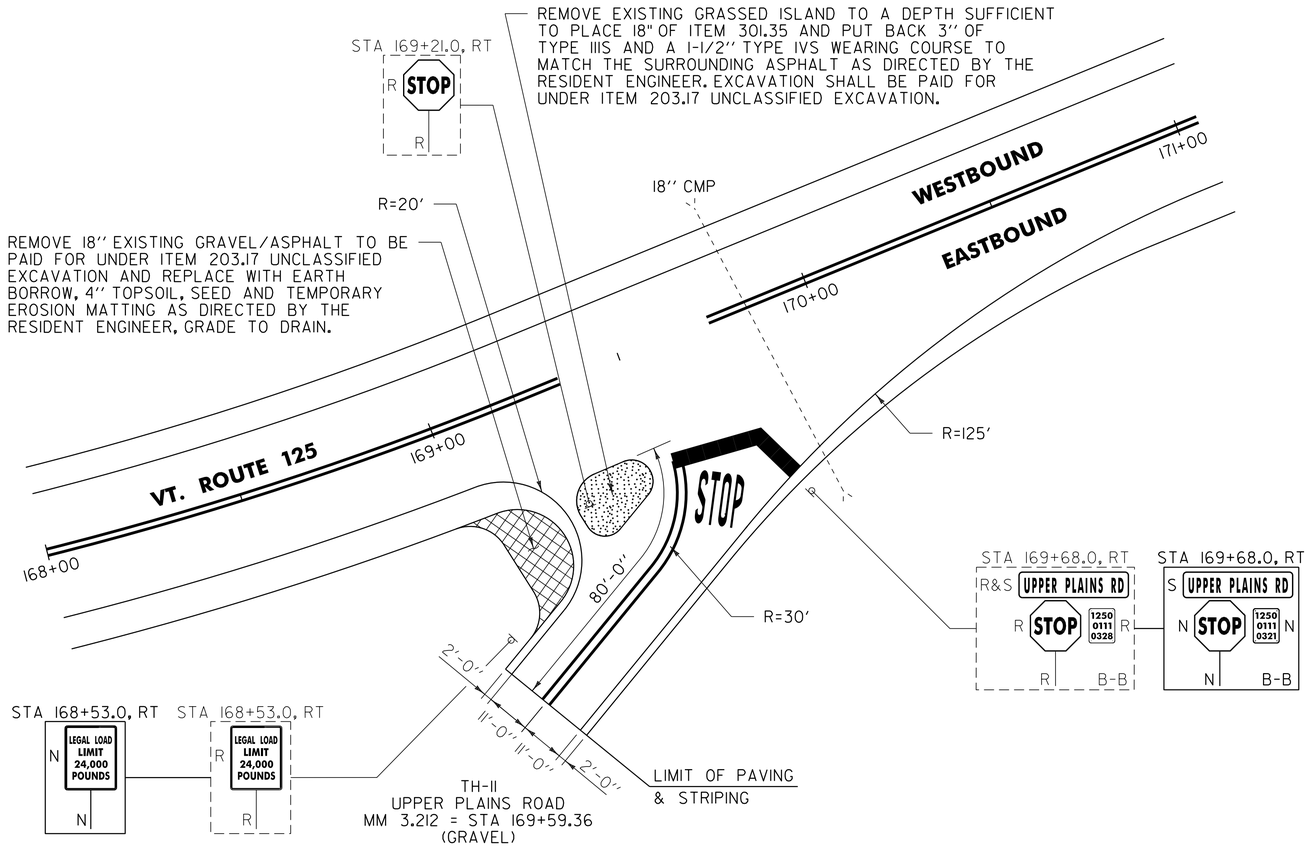
646.682 TEMPORARY 24 INCH STOP BAR, PAINT
MIDDLEBURY:
STA 169+59.36 RT. TH-11

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
MIDDLEBURY:
STA 169+59.36 RT, TH-11 "S,T,O,P" (4 EA)

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
MIDDLEBURY:
STA 169+59.36 RT, TH-11 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

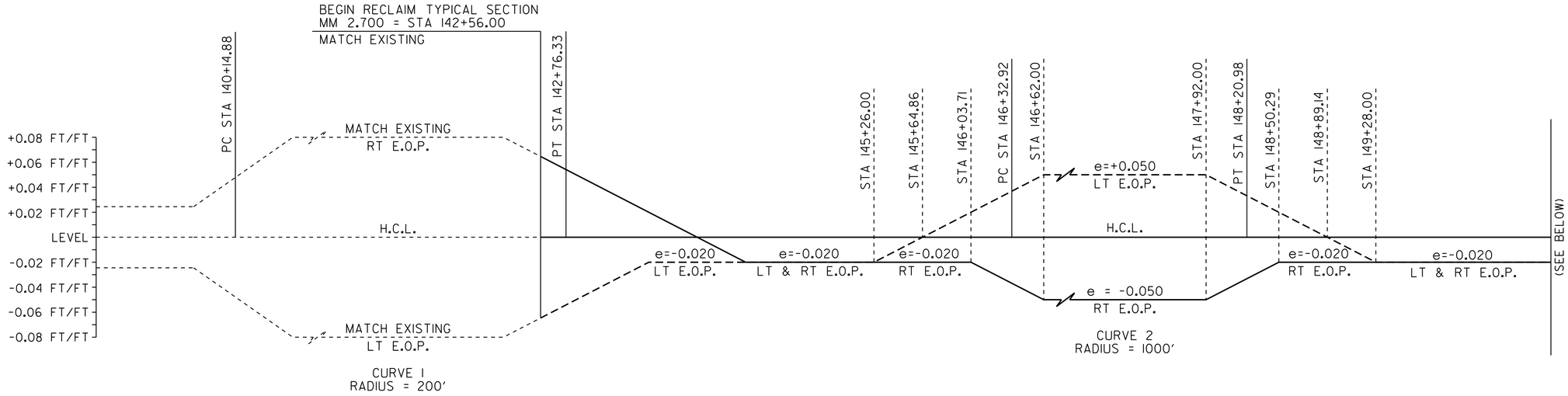
SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ———————

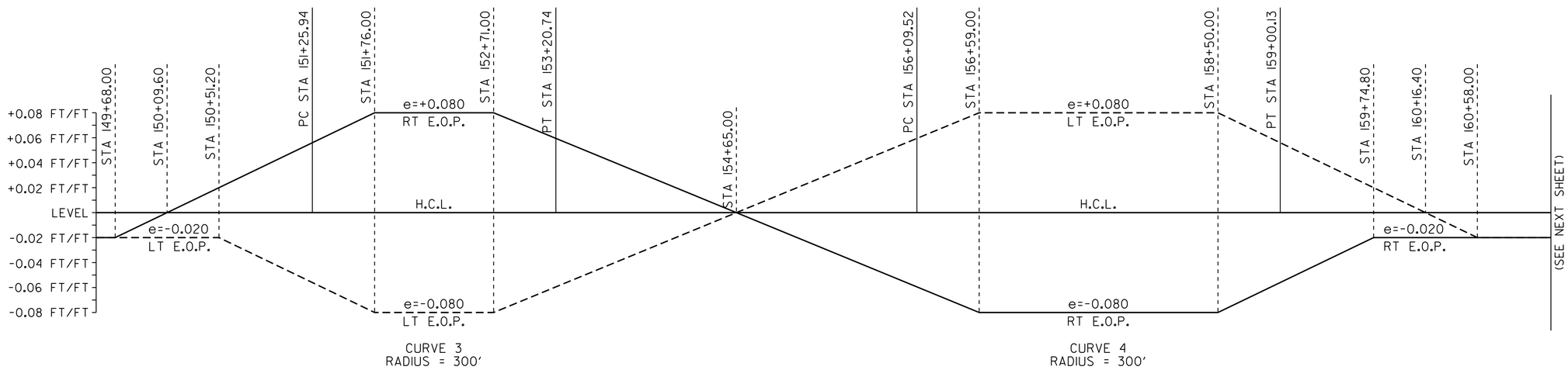
TH-11 INTERSECTION DETAIL SHEET

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222mdtl.i

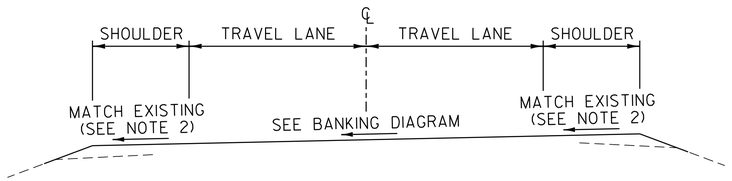
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 32 OF 114





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



NOT TO SCALE

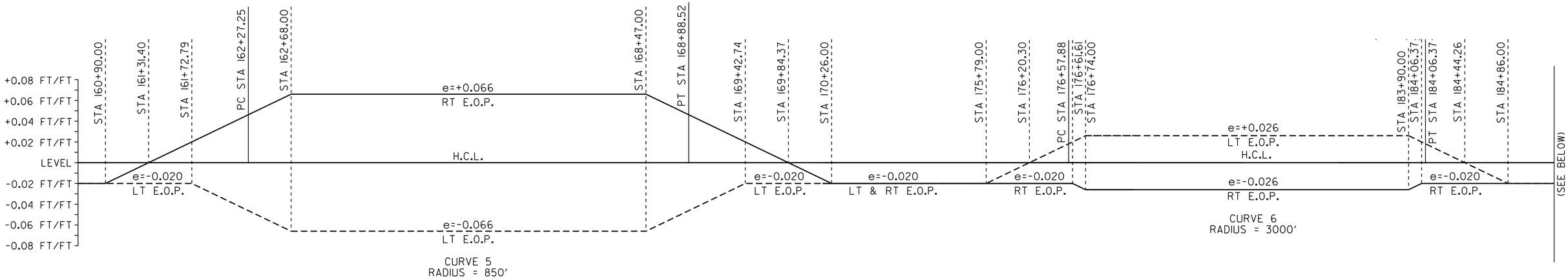
SUPERELEVATION BANKING DIAGRAMS SHEET #1

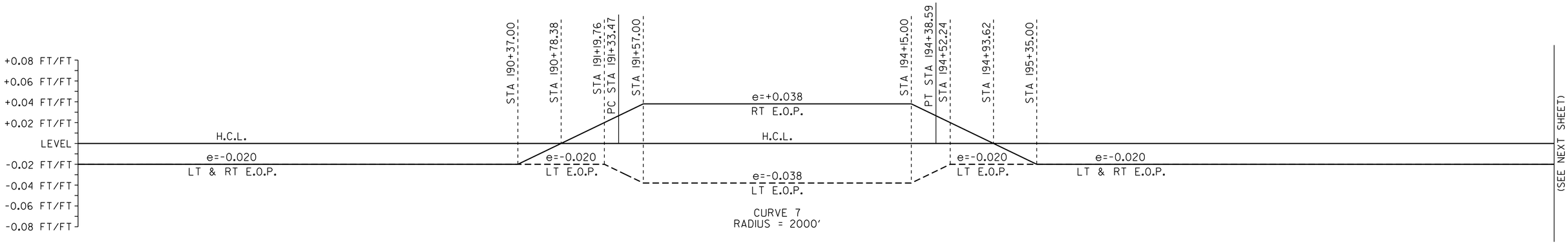
PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222sbdl.i

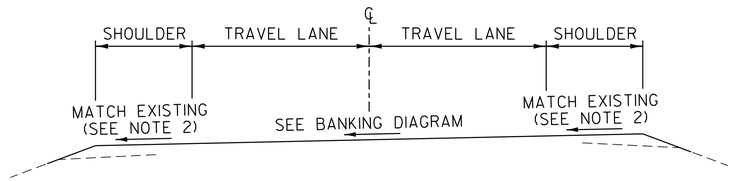
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 33 OF 114





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



NOT TO SCALE

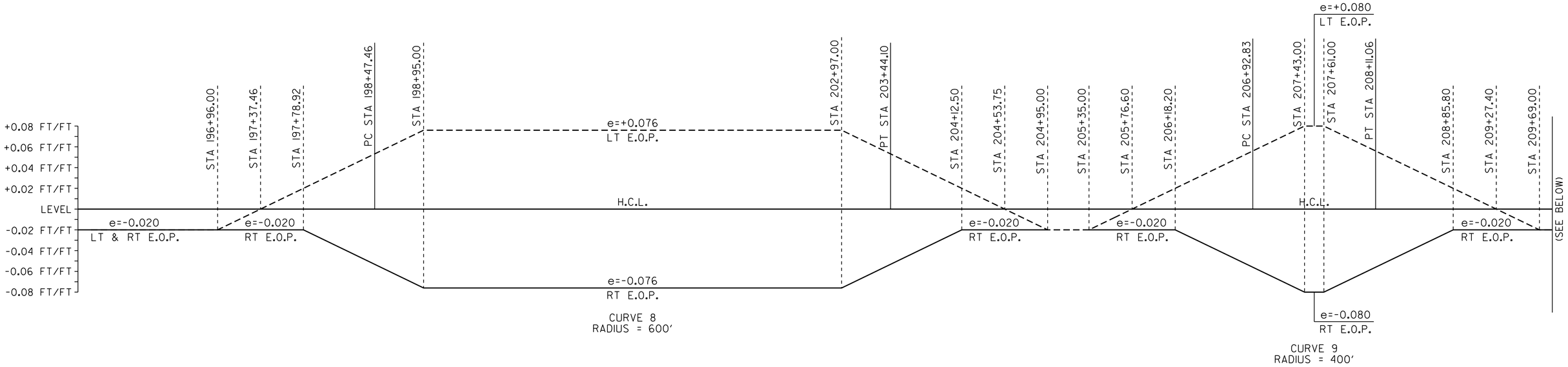
SUPERELEVATION BANKING DIAGRAMS SHEET #2

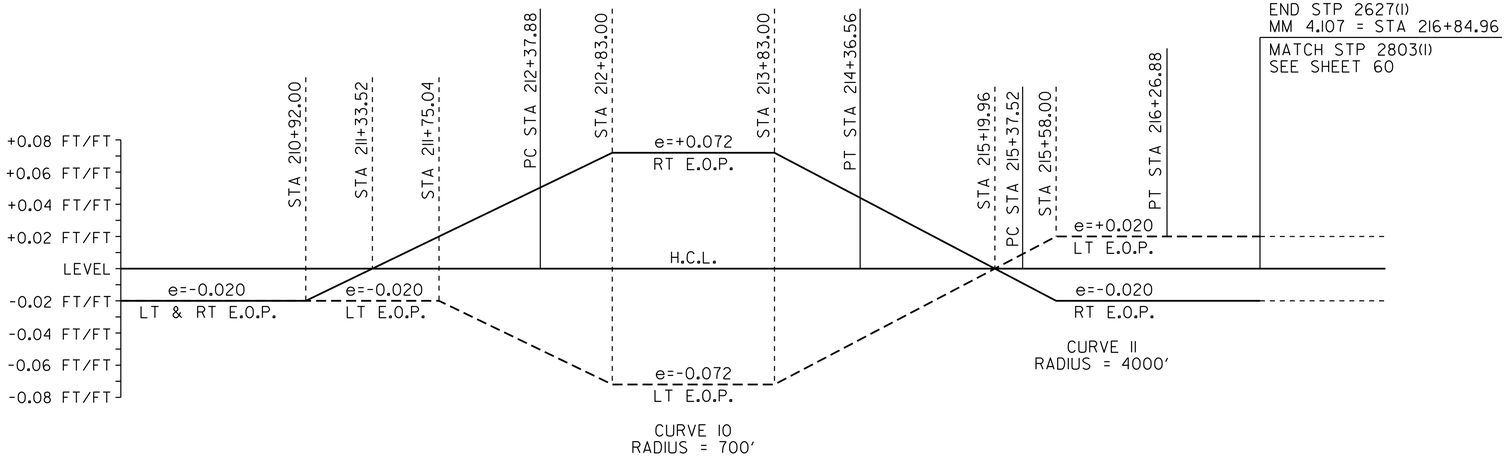
PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222sbd2.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 34 OF 114



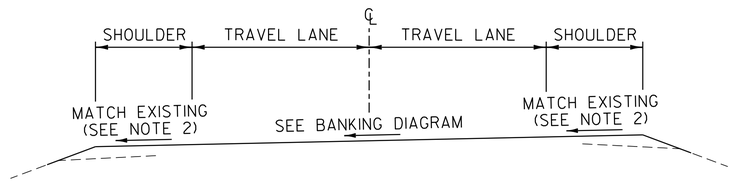


SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



NOT TO SCALE

SUPERELEVATION BANKING DIAGRAMS SHEET #3

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222sbd3.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 58+05.0, LT	TO	1	24	12	2.00						2												~~2~~ 2 @ 136.8 @ 114.0	2@ 136.8 114.0									X	SIGN ID CODE M4-5		E-136B
	SOUTH NORTH WEST	1	24	12	2.00																												SIGN ID CODE M3-3		SHS
		1	24	12	2.00																												SIGN ID CODE M3-1		SHS
		1	24	12	2.00																												SIGN ID CODE M3-4		E-136B
	7 7 VERMONT 125	1	24	24	4.00																												SIGN ID CODE MI-4		SHS
		1	24	24	4.00																												SIGN ID CODE MI-4		SHS
		1	30	24	5.00																												SIGN ID CODE MI-4		E-136B
		1	21	15	2.19																												SIGN ID CODE M6-1		SHS
		1	21	15	2.19																												SIGN ID CODE M6-1		SHS
		1	21	15	2.19																												SIGN ID CODE M6-1		E-136B
58+65.0, RT	TO	1	24	12	2.00						2					1@ 16.25 X 17.50			X														X	SIGN ID CODE M4-5		E-136B
	EAST NORTH	1	24	12	2.00																												SIGN ID CODE M3-2		E-136B
		1	24	12	2.00																												SIGN ID CODE M3-1		E-136B
	VERMONT 125 VERMONT 116	1	30	24	5.00																												SIGN ID CODE MI-4		E-136B
		1	30	24	5.00																												SIGN ID CODE MI-4		E-136B
60+19.0, LT	BRANDON 13	1	72	12	6.00						2					17.08 X 16.67			X															SIGN ID CODE DI-1		SHS
	RUTLAND 28	1	72	12	6.00																												SIGN ID CODE DI-1		SHS
	MIDDLEBURY 4	1	72	12	6.00																												SIGN ID CODE DI-1		SHS
	NY STATE 21	1	72	12	6.00																												SIGN ID CODE DI-1		SHS
61+79.0, RT	E MIDDLEBURY 1	1	72	12	6.00						2					14.50 X 13.83			X															SIGN ID CODE DI-1		SHS
	RIPTON 4	1	72	12	6.00																												SIGN ID CODE DI-1		SHS
	1250 0111 0120	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
												LF	LF	LF	LF	LF 84 95.83	LF		EA.	LB	LB	LB		LB 2~~11~~ 211	LB	LB	LB								
TOTALS			SF 79.99	SF	EA.	SF						LF			LF	~~84~~ 95.83				LB			EA. 2	LB ~~211~~ 250.8				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss01.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 36 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 62+29.0, LT	JCT	1	21	15	2.19						1					16.0 X		X																SIGN ID CODE M2-1		SHS
	7	1	24	24	4.00																													SIGN ID CODE MI-4		SHS
64+72.0, LT		1	36	36	9.00						2					14.33 X 14.50		X																SIGN ID CODE W3-1		SHS
68+09.0, RT	EAST MIDDLEBURY RIPTON 4	1	30	18	3.75						1					12.42 X		X																SIGN ID CODE VD-18		E-128B
71+94.0, RT		1	36	36	9.00						2					11.67 X 11.83		X																SIGN ID CODE W3-1		SHS
77+15.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					14.33 X		X																SIGN ID CODE VR-017		E-141
77+53.0, RT	WILMAR RD / MAIN ST						1 1				1					13.50 X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0146	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
83+14.0, RT	CHURCH ST						1				1					14.33 X		X																SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0158	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
	ALL WAY	1	18	6	0.75																												SIGN ID CODE RI-4		SHS
												LF	LF	LF	LF	LF ~~126~~ 122.91	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 47.03	SF	EA. 3	SF							LF				LF ~~126~~ 122.91				LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss02.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 37 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 83+40.0, LT	CASE ST / EAST MAIN ST						1 1				1					14.50 X			X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0158	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
	ALL WAY	1	18	6	0.75																												SIGN ID CODE RI-4		SHS
83+83.0, RT	STOP	1	30	30	6.25						1					14.08 X			X														SIGN ID CODE RI-1		SHS
	ALL WAY	1	18	6	0.75																												SIGN ID CODE RI-4		SHS
84+32.0, LT	STOP	1	30	30	6.25						1					13.58 X			X														SIGN ID CODE RI-1		SHS
	ALL WAY	1	18	6	0.75																												SIGN ID CODE RI-4		SHS
85+67.0, LT	EAST MAIN ST / KING'S ROW						1 1				1					13.50 X			X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0163	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
86+05.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					14.67 X			X														SIGN ID CODE VR-017		E-141
	SPEED LIMIT 25						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	1250 0111 0169	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
90+62.0, LT		1	36	36	9.00						2					13.42 X 13.75			X														SIGN ID CODE W3-1		SHS
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
																~~98~~ 97.5																			
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."																																			
TOTALS		SF 42.51	SF		EA. 5	SF						LF			LF ~~98~~ 97.5					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss03.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 38 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 91+33.0, RT	OSSIE RD						1				1					13.25 X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0111 0173	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
97+71.0, LT	EAST MAIN ST MAPLE COURT						1 1				1					13.75 X		X															SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0185	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
98+00.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					14.92 X		X															SIGN ID CODE VR-017		E-141
	SPEED LIMIT 25						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
~~101+00.0, RT~~ 113+00 RT		1					~~1~~				1					15.33 X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	~~NEXT 2000 FT~~ 1500 FT	1	24	18	3.00																											SIGN ID CODE W16-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
110+35.0, RT		1	30	30	6.25						1					14.83 X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
		1	24	12	2.00																											SIGN ID CODE W16-7pL SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
110+40.0, LT		1	30	30	6.25						1					14.00 X		X															SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
		1	24	12	2.00																											SIGN ID CODE W16-7pL SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
												LF	LF	LF	LF	LF ~~84~~ 86.08	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS					SF ~~37.84~~ 44.09	SF	EA. ~~5~~ 4	SF				LF			LF	~~84~~ 86.08				LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss04.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 39 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 110+46.0, LT	EAST MAIN ST / SCHOOL HOUSE HILL RD						1 1				1					13.33 X			X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0209	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
110+71.0, RT	EAST MAIN ST / GRIST MILL RD						1 1				1					13.75 X			X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0209	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
110+75.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					14.0 X			X														SIGN ID CODE VR-017		E-141
	SPEED LIMIT 25						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
123+48.0, RT	EAST MAIN ST / LOWER PLAINS						1 1				1					14.33 X			X														SALVAGED SIGNS TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	- -	- -
	STOP 1250 0111 0233	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
126+20.0, LT	SPEED LIMIT 35	1	24	30	5.00						1					8.17 X			X														SIGN ID CODE R2-1		SHS
128+04.0, LT		1	30	30	6.25						1					13.58 X			X														SIGN ID CODE S1-1 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
	NEXT 2000 FT	1	24	18	3.00																												SIGN ID CODE W16-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
											LF	LF	LF	LF	LF	~~84~~ 77.16	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 39.26	SF	EA. 7	SF		LF								LF ~~84~~ 77.16					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss04.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 40 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD SIGNS BOOK)	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
MIDDLEBURY: I34+70.0, RT							I				I					15.17 X		X																-	-
	20 M.P.H.						I																											-	-
I34+77.0, LT	SPEED LIMIT 35	I	24	30	5.00						I					13.17 X		X															SIGN ID CODE R2-I		SHS
I35+75.0, RT	NARROW BRIDGE						I				I					13.75 X		X																-	-
	1250 0111 0260						I																											-	-
I38+12.0, LT		I	48	24	8.00						2					7.58 X 7.83		X															SIGN ID CODE WI-6L		SHS
I38+15.0, LT	NORTH BRANCH RD						I				I					9.92 X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0111 0262	I I	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE RI-I SIGN ID CODE VD-700		SHS E-138
I38+63.0, LT		I	48	24	8.00						2					10.75 X 10.75		X															SIGN ID CODE WI-6R		SHS
I38+76.0, RT		I	12	36	3.00						I					13.17 X		X															SIGN ID CODE OM-3R		SHS
												LF	LF	LF	LF	LF ~~126~~ 102.09	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 30.67	SF	EA. 5	SF						LF			LF ~~126~~ 102.09					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss06.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 41 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: 138+82.0, LT		1	12	36	3.00						1					12.25 X		X															SIGN ID CODE OM-3L		SHS
139+86.0, LT		1	12	36	3.00						1					13.33 X		X															SIGN ID CODE OM-3R		SHS
139+86.0, RT		1	12	36	3.00						1					13.33 X		X															SIGN ID CODE OM-3L		SHS
140+15.0, RT		1 1	18 18	24 24	3.00 3.00						2					12.08 X 11.92		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
140+82.0, RT		1 1	18 18	24 24	3.00 3.00						2					10.82 X 10.83		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
141+46.0, RT		1 1	18 18	24 24	3.00 3.00						2					12.50 X 12.50		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
142+07.0, RT		1 1	18 18	24 24	3.00 3.00						2					11.70 X 11.75		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
142+64.0, RT		1 1	18 18	24 24	3.00 3.00						2					12.0 X 11.90		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
144+00.0, LT	NARROW BRIDGE	1	30	30	6.25						1					13.67 X		X															SIGN ID CODE W5-2		SHS
												LF	LF	LF	LF	LF ~~196~~ 170.59	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 45.25	SF	EA.	SF							LF				LF ~~196~~ 170.59				LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss07.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 42 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: I44+00.0, RT	~~WEST~~ EAST	1	24	12	2.00						1					10.3 X		X															SIGN ID CODE M3-4		E-136B
	SCENIC	1	30	15	3.13																												SIGN ID CODE VM-064	49	
	VERMONT 125	1	30	24	5.00																												SIGN ID CODE MI-4		E-136B
I45+50.0, LT							1				1					14.0 X		X																-	-
	20 M.P.H.						1																											-	-
I46+84.0, RT		1	30	30	6.25						1					14.42 X ~~14.40~~		X																	SHS
	20 M.P.H.	1	18	18	2.25																												SIGN ID CODE WI3-1		SHS
I49+38.0, LT	SPEED LIMIT 35						1				1					13.75 X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
	1250 0111 0283	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
I49+61.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					13.60 X		X																SIGN ID CODE R2-1		SHS
I52+00.0, RT		1 1	18 18	24 24	3.00 3.00						2					12.30 X ~~12.60~~		X																SIGN ID CODE WI-8L SIGN ID CODE WI-8R		SHS SHS
												LF	LF	LF	LF	LF ~~98~~ 105.37	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 30.05	SF	EA. 3	SF							LF			LF ~~98~~ 105.37					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #8

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p05c222tss08.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 43 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY:																																			
153+00.0, RT		1	18	24	3.00						2					14.0 X 13.83		X																SIGN ID CODE WI-8L SIGN ID CODE WI-8R		SHS SHS
		1	18	24	3.00																														
156+34.0, LT		1	18	24	3.00						2					12.0 X 12.25		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
		1	18	24	3.00																														
157+30.0, LT		1	18	24	3.00						2					11.17 X 11.50		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
		1	18	24	3.00																														
158+33.0, LT		1	18	24	3.00						2					13.83 X 13.83		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
		1	18	24	3.00																														
162+91.0, LT		1	24	30	5.00						1					14.75 X		X																SIGN ID CODE R2-1		SHS
168+00.0, LT		1	36	36	9.00						2					13.80 X 13.80		X																SIGN ID CODE W7-1		SHS
168+53.0, RT		1	24	30	5.00						1					12.0 X		X																SIGN ID CODE VR-017		E-141
169+68.0, RT							1				1					11.40 X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
		1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
												LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
																~~182~~ 168.16																			
TOTALS		SF 49.67	SF	EA. 1	SF							LF			LF ~~182~~ 168.16					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss09.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 44 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
MIDDLEBURY: I70+48.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					13.50 X		X															SIGN ID CODE R2-1		SHS
I71+00.0, LT		1	36	36	9.00						2					13.92 X 13.92		X															SIGN ID CODE W1-5L		SHS
	NEXT 1 MILE	1	24	18	3.00																												SIGN ID CODE W7-3A		SHS
I88+60.0, LT		1	30	30	6.25						1					14.83 X		X															SIGN ID CODE W11-1		SHS
I88+60.0, RT		1	30	30	6.25						1					12.50 X		X															SIGN ID CODE W11-1		SHS
	1250 0111 0364	1	6	10	0.42																												SIGN ID CODE VD-700		E-138
I91+09.0, RT		1	30	30	6.25						1					14.75 X		X															SIGN ID CODE W1-5R		SHS
	30 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		SHS
206+62.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					13.75 X		X															SIGN ID CODE R2-1		SHS
215+00.0, LT		1	30	30	6.25						1					15.33 X		X															SIGN ID CODE W1-5R		SHS
	30 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		SHS
												LF	LF	LF	LF	LF 112 112.5	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 51.92	SF	EA.	SF							LF			LF 112 112.5					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tssI0.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 45 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD SIGNS BOOK)	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
	SHEET 36 SUBTOTAL				79.99		-									95.83 ~~84~~							2	~~2II~~ 250.8											
	SHEET 37 SUBTOTAL				47.03		3									122.91 ~~126~~							-	-											
	SHEET 38 SUBTOTAL				42.51		5									97.5 ~~98~~							-	-											
	SHEET 39 SUBTOTAL				37.84		~~5~~ 4									86.08 ~~84~~							-	-											
	SHEET 40 SUBTOTAL				39.26		7									77.16 ~~84~~							-	-											
	SHEET 41 SUBTOTAL				30.67		5									102.09 ~~126~~							-	-											
	SHEET 42 SUBTOTAL				45.25		-									170.59 ~~196~~							-	-											
	SHEET 43 SUBTOTAL				30.05		3									105.37 ~~98~~							-	-											
	SHEET 44 SUBTOTAL				49.67		1									168.16 ~~182~~							-	-											
	SHEET 45 SUBTOTAL				51.92		-									112.5 ~~112~~							-	-											
93+40 LT							8									1 @ 15.58 1 @ 15.42																				
94+38 RT	CROSSWALK DIAGONAL ARROW															1 @ 14.75																				
94+38 LT	PED CROSSING															1 @ 14.83																				
96+68 RT							4									1 @ 15.25 1 @ 15.08																				
199+24 RT	1250 MM / 0111 X 0384						1									1 @ 9.67																				
	ROUNDING				0.81		-									35							-	14											
												LF	LF	LF	LF	~~1225~~	LF	LF	EA.	LB	LB	LB		LB 225	LB	LB	LB							
TOTALS			SF ~~455~~ 474.94	SF	EA. ~~29~~ 41	SF						LF			LF	~~1225~~ 1238.77				LB			EA. 2	LB ~~225~~ 250.8				EA.	EA.	LB					

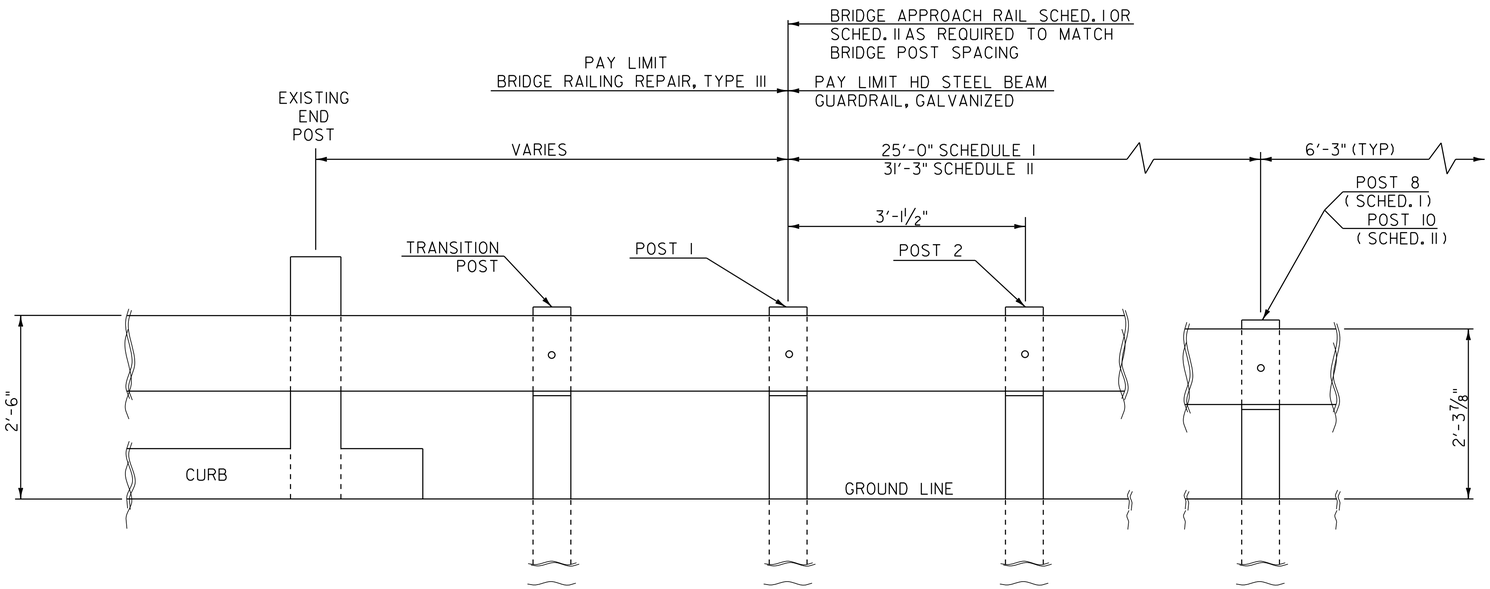
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(I)
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222tss11.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 46 OF 114

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NUMBER	OFFSET BLOCK	525.10 REMOVAL OF EXISTING RAIL	525.60 BRIDGE RAILING REPAIR, TYPE III	REMARKS
				LF	LF	
MIDDLEBURY:						
138+51.00 - 139+82.30	RT	13	8"	131.3	~~131.3~~ 106.25	
138+82.00 - 139+88.30	LT	13	8"	106.3	~~106.3~~ 87.5	
ROUNDING				0.4	~~0.4~~ 0.25	
TOTAL				238.0	~~238.0~~ 194	



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

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3'-1 1/2"	1.4 x 18'-9"
2	3'-1 1/2"	
3	3'-1 1/2"	
4	3'-1 1/2"	
5	3'-1 1/2"	
6	3'-1 1/2"	
7	4'-2"	1.2 x 12'-6"
8	4'-2"	
9	4'-2"	
10	6'-3" (TYP)	1.0 (TYP)
11		
PAYMENT LENGTH = 41'-3"		

SCHEDULE I APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT POST NO. 1.
SCHEDULE II APPROACH RAILING SHALL BE USED WHEN A RAIL PANEL SPLICE OCCURS AT THE BRIDGE END POST.

BRIDGE APPROACH RAILING

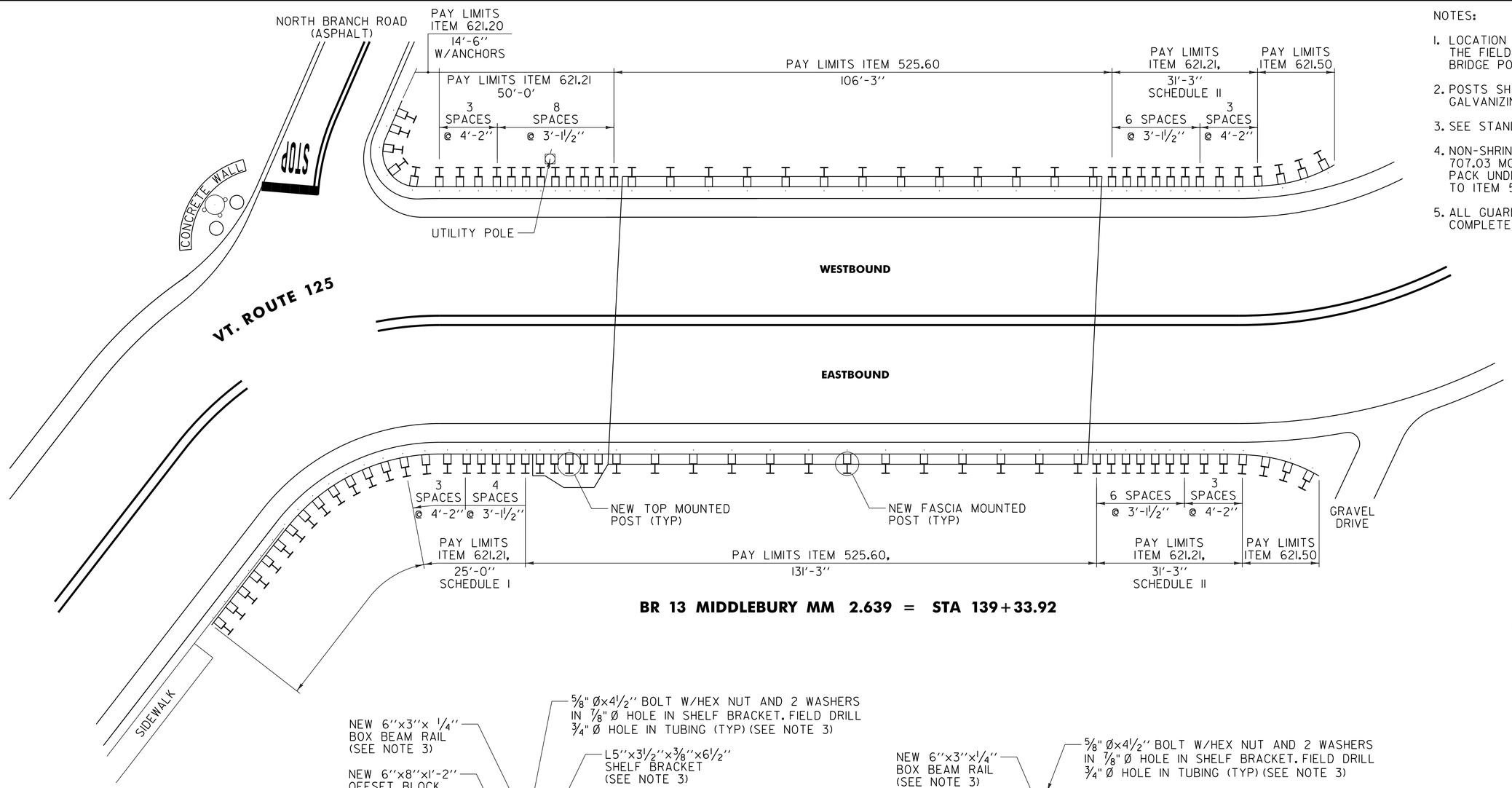
GENERAL NOTES

1. BRIDGE RAIL SHALL BE HD STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25'.
3. APPROACH RAILING SHALL BE HD STEEL BEAM FOR 25' FROM THE ENDS OF THE BRIDGE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICABLE TO THE MIDPOINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
6. SEE STANDARD SHEET G-1 FOR DELINEATION DETAILS AND PLACEMENT.
7. ERECT DELINEATORS ON EVERY FIFTH POST OR APPROXIMATELY 31'-3" APART. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
8. ALL BRIDGE POSTS, HD STEEL BEAM BRIDGE RAIL, AND RELATED HARDWARE SHALL BE PAID FOR UNDER THE APPROPRIATE BRIDGE RAILING ITEMS AS DENOTED IN THE PLANS.
9. SEE STANDARD SHEET G-1 FOR CONNECTION OF STEEL BEAM TO OFFSET BLOCK AND OFFSET BLOCK TO BRIDGE POST.
10. NEW BRIDGE RAILING POSTS SHALL BE SET NORMAL TO GRADE.
11. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF SUBSECTION 506.10 OF THE STANDARD SPECIFICATIONS.
12. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON LIMITED FIELD INVESTIGATION AND AVAILABLE RECORD DRAWING INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THE CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH FIELD CONDITIONS AS DIRECTED BY THE RESIDENT ENGINEER.
13. ALL LANES SHALL BE OPENED TO TRAFFIC DURING NON-WORKING HOURS. NO GAPS BETWEEN EXISTING RAILING AND NEW RAILING WILL BE PERMITTED. DETAILS FOR TEMPORARY RAIL SHALL BE SUBMITTED FOR APPROVAL IF REQUIRED TO BRIDGE GAPS IN RAILING. PAYMENT FOR TEMPORARY RAIL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 525.10 REMOVAL OF EXISTING RAILING.

NOT TO SCALE

BRIDGE DETAIL SHEET #1

PROJECT NAME: MIDDLEBURY
PROJECT NUMBER: STP 2627(1)
FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222bdl.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 47 OF 114



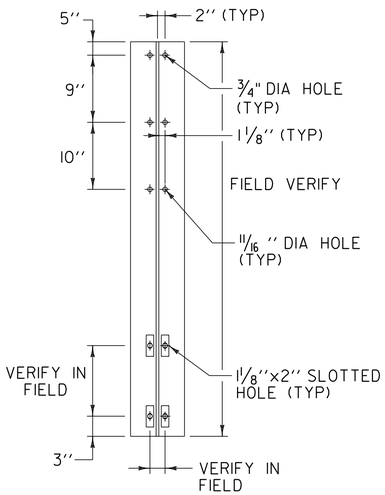
BR 13 MIDDLEBURY MM 2.639 = STA 139+33.92

NOTES:

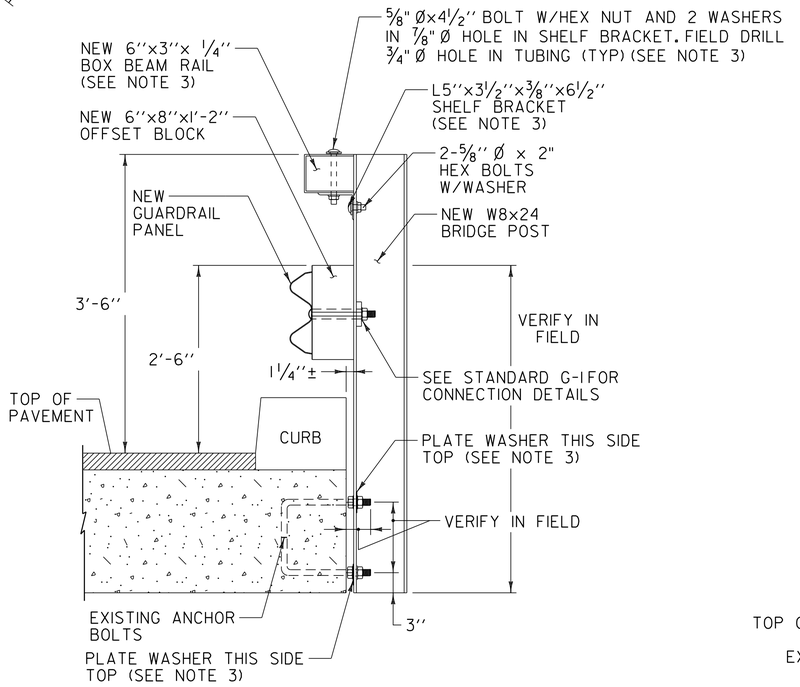
1. LOCATION OF EXISTING ANCHOR BOLTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING BRIDGE POSTS.
2. POSTS SHALL BE SHOP CUT AND DRILLED PRIOR TO GALVANIZING.
3. SEE STANDARD SHEET SB-R6-82 FOR ADDITIONAL DETAILS.
4. NON-SHRINKING GROUT SHALL CONFORM TO SUBSECTION 707.03 MORTAR TYPE IV OF THE STANDARD SPECIFICATIONS. PACK UNDER BASE PLATE. PAYMENT WILL BE INCIDENTAL TO ITEM 525.60 BRIDGE RAILING REPAIR, TYPE III.
5. ALL GUARDRAIL WORK TO BE DONE ON THIS BRIDGE SHALL BE COMPLETED ON OR BEFORE JUNE 30, 2010.

BASE PLATE DETAIL

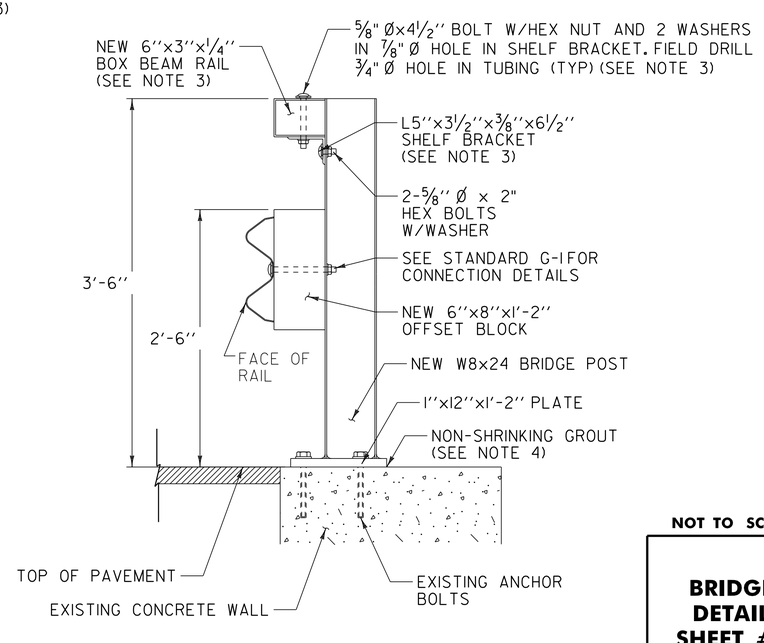
TOP MOUNTED BRIDGE POST DETAIL



FASCIA MOUNTED POST DETAIL



FASCIA MOUNTED STEEL POST W/BOX BEAM HAND RAIL



TOP MOUNTED STEEL POST W/BOX BEAM HAND RAIL

NOT TO SCALE

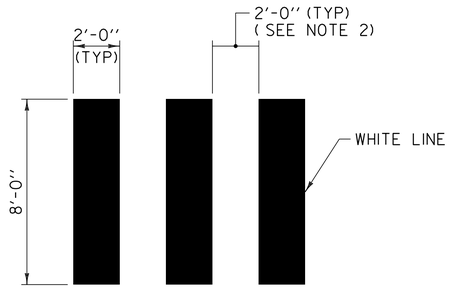
BRIDGE DETAIL SHEET #2

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222bd3.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 48 OF 114

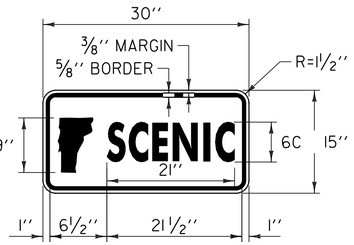


DETAIL OF CROSSWALK MARKINGS

NOTES:

1. THE PER FOOT COST OF INSTALLED CROSSWALK, SHALL BE PAID AS ITEM 646.502 DURABLE CROSSWALK MARKING, THERMOPLASTIC AND ITEM 646.702 TEMPORARY CROSSWALK MARKING, PAINT.

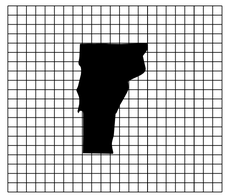
2. ADJUST SPACING (12" - 24") TO AVOID WHEEL PATHS.

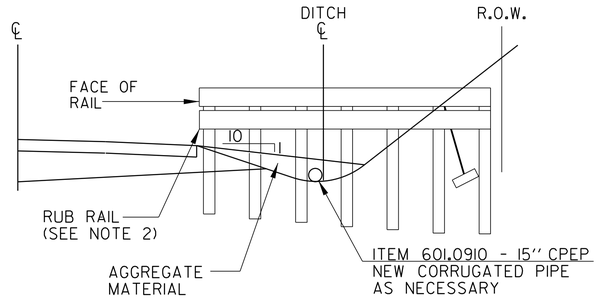


COLOR: GREEN BORDER & LEGEND (REFLECTIVE)
WHITE BACKGROUND (REFLECTIVE)

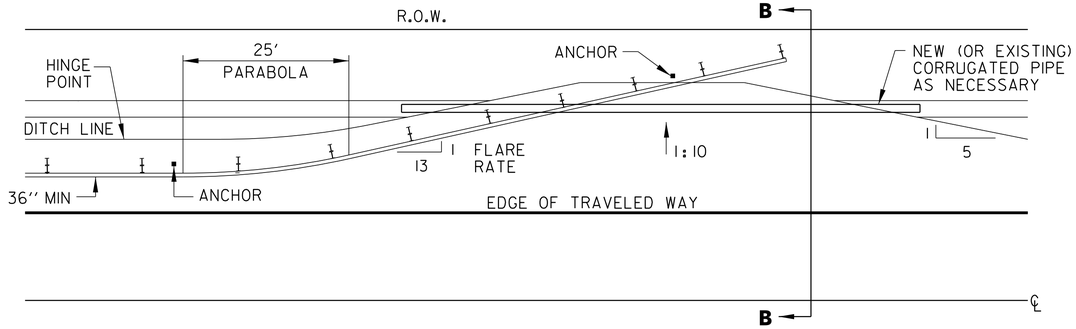
MATERIAL: PER VAOT STANDARD E-136B

LOCATION: VT. ROUTE 125
MIDDLEBURY:
STA 144+00.0, RT





SECTION B–B



BURIED GUARDRAIL ENDS INTO BACKSLOPES

MIDDLEBURY: STA 145+88.0 LT TO STA 145+50.5 LT

NOTES:

1. PRIMARY RAIL SHALL REMAIN AT A CONSTANT HEIGHT (LEVEL) RELATIVE TO THE HEIGHT OF RAIL AT THE EDGE OF SHOULDER.

2. ADDITION OF RUB RAIL IS REQUIRED WHEN OPENING BENEATH PRIMARY RAIL EXCEEDS 18in. RUB RAIL EXTENDS FROM THE EDGE OF SHOULDER TO THE BACK SLOPE.

NOT TO SCALE

MISCELLANEOUS DETAILS SHEET

PROJECT NAME: MIDDLEBURY

PROJECT NUMBER: STP 2627(I)

FILE NAME: p06c222.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.L.
IPARM FILE: p06c222md12.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

INDEX OF SHEETS
SEE SHEET 2

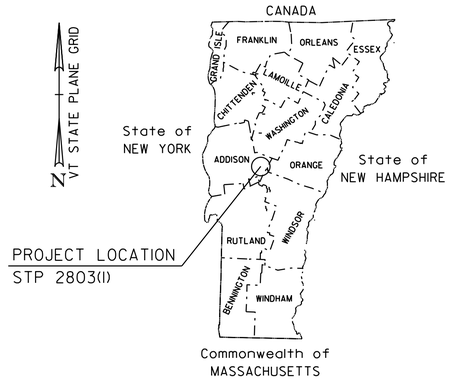
STATE OF VERMONT
AGENCY OF TRANSPORTATION

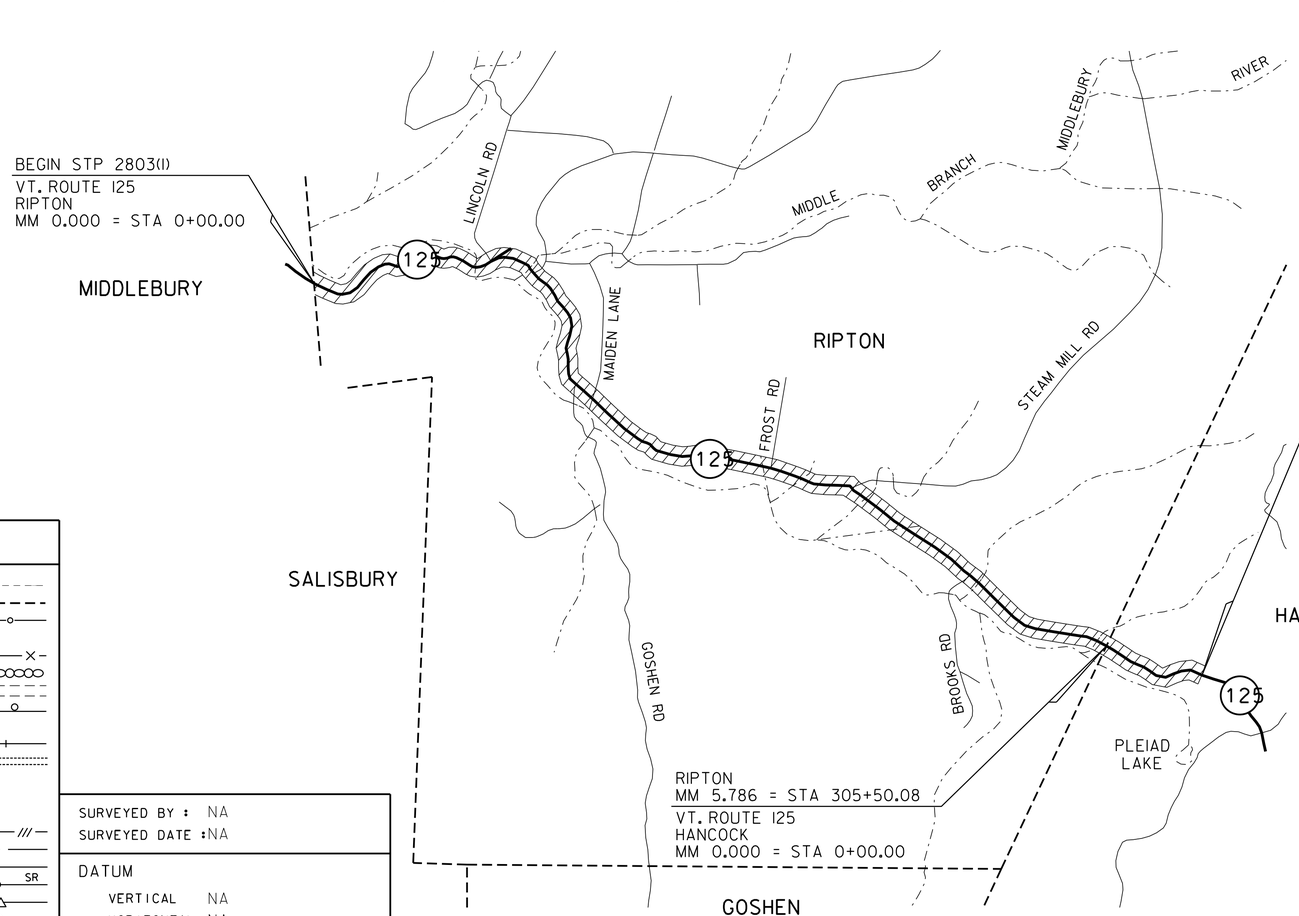
PROPOSED IMPROVEMENT
TOWNS OF RIPTON AND HANCOCK
COUNTY OF ADDISON
VT. ROUTE 125

BEGINNING IN THE TOWN OF RIPTON ON VT. ROUTE 125 AT MILE MARKER 0.000 = STA 0+00.00
AND EXTENDING EASTERLY FOR A DISTANCE OF 34,510.08 FEET (6.536 MILES) TO A
POINT IN THE TOWN OF HANCOCK AT MILE MARKER 0.750 = STA 39+60.00

LENGTH OF ROADWAY	34,510.08 FT	(6.536	MILES)
LENGTH OF PROJECT	34,510.08 FT	(6.536	MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING SEGMENTS OF THE EXISTING HIGHWAY AND RESURFACING WITH A SHIM/LEVELING COURSE AND WEARING AND/OR OVERLAYING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS, NEW SIGNS AND INCIDENTAL ITEMS.





BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	368,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

TRAFFIC DATA

SECTIONS	ADT		DHV		ESALS	ESALS
	2009	2019	2009	2019	2009-2019	2009-2029
BEGIN PROJECT TO TH-1 (LINCOLN ROAD)	1900	2100	210	240	316,000	736,000
TH-1 (LINCOLN ROAD) TO END PROJECT	1250	1300	140	140	137,000	314,000

CONVENTIONAL SYMBOLS

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

SURVEYED BY : NA
SURVEYED DATE : NA

DATUM
VERTICAL NA
HORIZONTAL NA

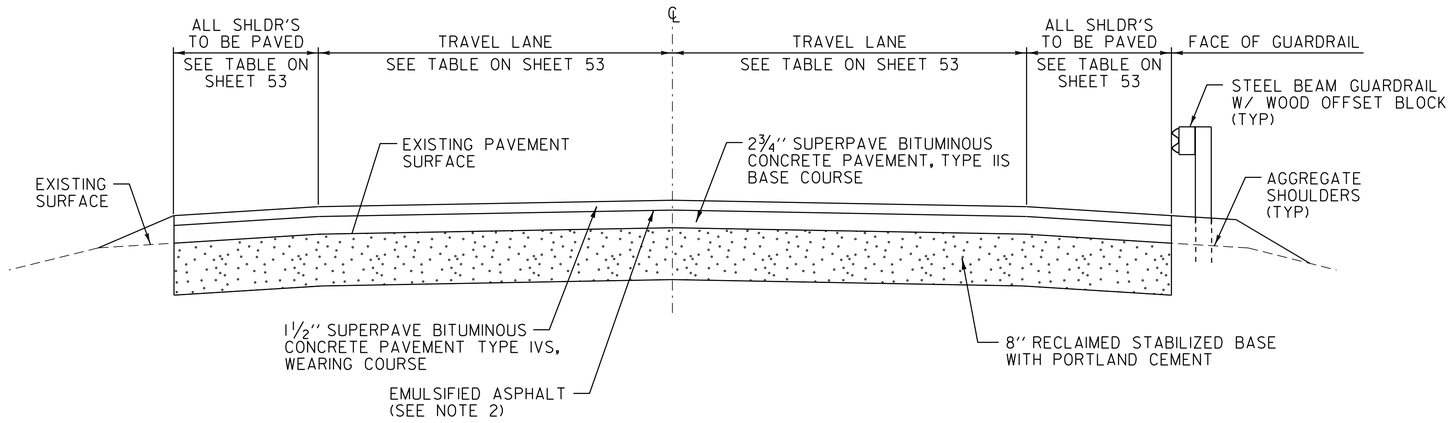
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

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

PROJECT MANAGER : KEVIN MARSHIA

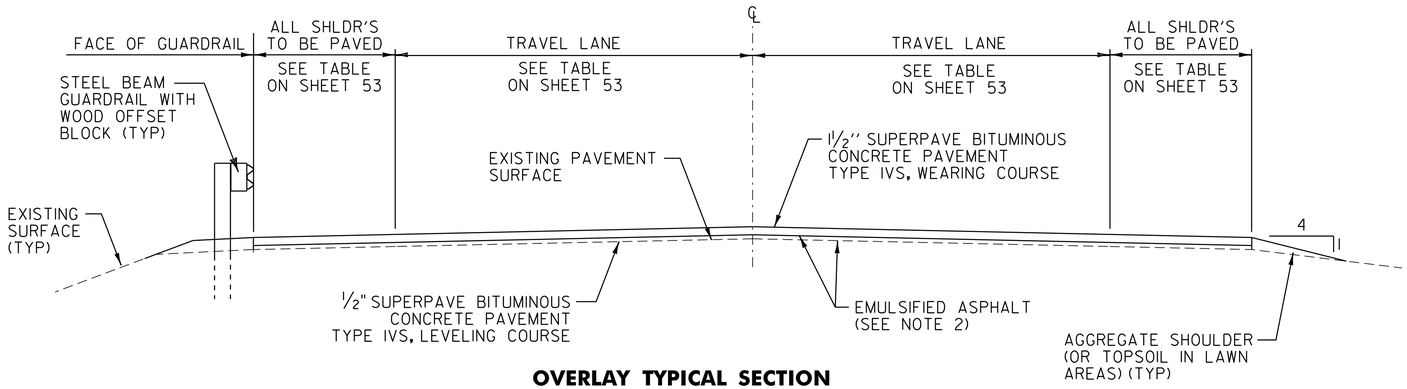
PROJECT NAME : RIPTON - HANCOCK
PROJECT NUMBER : STP 2803(I)

SHEET 50 OF 114 SHEETS



RECLAIMED STABILIZED TYPICAL SECTION

VT. ROUTE 125 RIPTON STA 0+00.00 TO RIPTON STA 52+80.00
VT. ROUTE 125 RIPTON STA 84+48.00 TO RIPTON STA 305+50.08
VT. ROUTE 125 HANCOCK STA 0+00.00 TO HANCOCK STA 39+60.00



OVERLAY TYPICAL SECTION

VT. ROUTE 125 RIPTON STA 52+80.00 TO RIPTON STA 84+48.00

TYPICAL ORDER OF OPERATIONS FOR RECLAIMED STABILIZED BASE WITH PORTLAND CEMENT PAVEMENT REHABILITATION

STEP	DESCRIPTION	PAYMENT ITEM(S)
1	REPAIR EXISTING SHOULDERS AS DIRECTED BY THE RESIDENT ENGINEER	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
2	RECLAIM EXISTING ROADBED 8" USING WATER FOR STABILIZATION AND COMPACTION	ITEM 310.20 RECLAIMED STABILIZED BASE, WATER USED FOR STABILIZATION SHALL BE CONSIDERED INCIDENTAL TO ITEM 310.20 PER SPECIFICATION AS DIRECTED BY THE RESIDENT ENGINEER
3	CORRECT SUPERELEVATION DEFICIENCIES	ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED
4	PLACE PORTLAND CEMENT ON ROADBED SURFACE AND RECLAIM ROADBED 8", CURE, MICROCRACK, AND APPLY FOG SEAL SURFACE TREATMENT	ITEM 900.675 SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT), ITEM 900.680 SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION) AND ITEM 900.683 SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)
5	PLACE 2¾" TYPE IIS BASE COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
6	PLACE 1½" TYPE IVS WEARING COURSE	ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT

NOTE:

1. THIS LIST OF PROCEDURES FOR REHABILITATING THE EXISTING ROADBED IS PRESENTED FOR INFORMATIONAL PURPOSES ONLY AND SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL PREPARE THEIR OWN SCHEDULE OF OPERATIONS TO COMPLETE THE PROPOSED WORK UTILIZING THE APPROPRIATE PAY ITEMS AS SHOWN IN THE PLANS AS DIRECTED BY THE RESIDENT ENGINEER.

NOTES

1. THE WEARING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE BASE COURSE SHALL BE TYPE IIS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. THE LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, BETWEEN ALL COURSES OF PAVEMENT AND ON COLD PLANED SURFACES AT THE RATE OF 0.025 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.

3. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/-¼" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

4. PRIOR TO RECLAIMING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER SHALL BE EXCAVATED TO THE DEPTH OF RECLAIMING OR AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATED MATERIAL WILL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL BE PAID FOR USING THE APPROPRIATE RENTAL ITEM(S). THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEM(S) SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. THIS WORK SHALL BE DONE BEFORE THE BASE COURSE IS PAVED TO ALLOW ALL OF THE LIFTS OF PAVEMENT THROUGHOUT THE PROJECT AREA. AN ADDITIONAL QUANTITY OF ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED HAS BEEN INCLUDED TO CORRECT SUPERELEVATION AND GRADATION DEFICIENCES WITHIN THE RECLAIMED SECTION. AN ESTIMATED THICKNESS OF 2" HAS BEEN INCLUDED FOR THE ENTIRE RECLAIMED SURFACE AREA.

5. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.12 AGGREGATE SHOULDERS.

6. DITCHING MATERIAL OR EARTH BORROW SHALL BE USED FOR THE CONSTRUCTION OF MANUFACTURED TERMINAL FLARES WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 5 TONS OF AGGREGATE SHOULDER MATERIAL AND 25 CUBIC YARDS OF DITCHING MATERIAL OR EARTH BORROW FOR EACH GUARDRAIL TERMINAL.

7. THE PROPOSED GUARDRAIL SHALL BE INSTALLED IN A LOCATION THAT MAXIMIZES THE DISTANCE FROM THE CENTER OF THE ROAD TO THE FACE OF GUARDRAIL. 3' OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH 6' POSTS. IF THIS CANNOT BE OBTAINED, THEN 8' POSTS SHALL BE USED.

8. ITEM 609.15 DUST AND ICE CONTROL WITH CALCIUM CHLORIDE HAS AN ESTIMATED QUANTITY TO BE USED ON SIDE ROAD APPROACHES WHICH WILL BE PAVED.

9. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS, PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE RESIDENT ENGINEER.

10. WORK FOR REPAIR OF EXISTING WEATHERING STEEL BOX BEAM GUARDRAIL SHALL BE PERFORMED IN ACCORDANCE WITH GUARDRAIL, WEATHERING OF SECTION 900. PAYMENT WILL BE MADE UNDER PAY ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING).

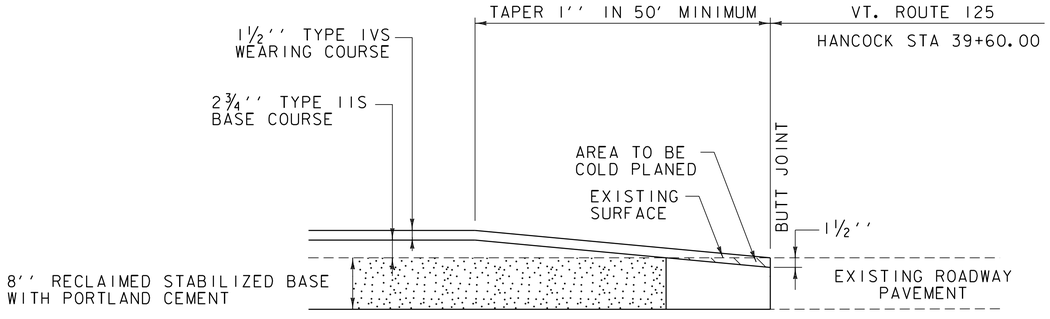
NOT TO SCALE

PROJECT TYPICAL SHEET

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

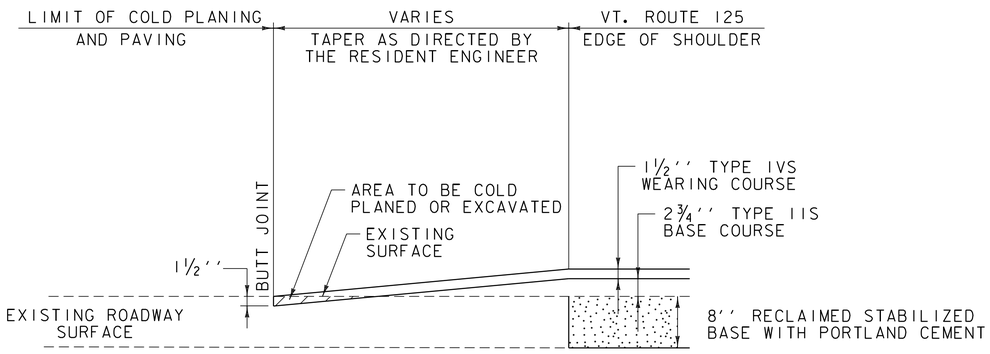
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60typi.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 51 OF 114



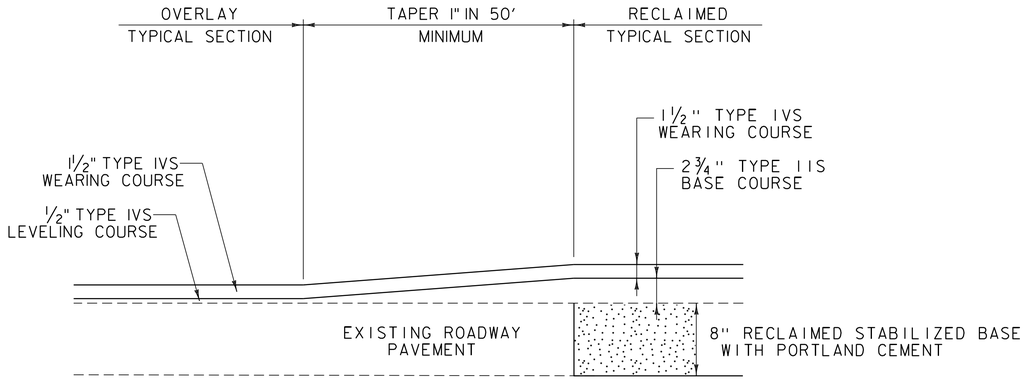
RECLAIMED APPROACH AREA DETAIL

VT. ROUTE 125 HANCOCK STA 39+60.00 - END PROJECT



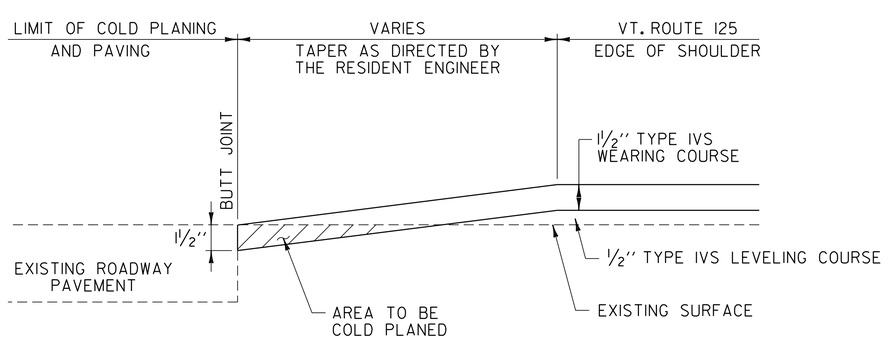
RECLAIMED SIDE ROAD DETAIL

RIPTON: TH-18 STA 116+37.12 RT
TH-2 STA 124+55.52 LT
TH-19 STA 184+00.80 LT
TH-20 STA 211+35.84 LT
TH-21 STA 256+39.68 RT



RECLAIMED TO OVERLAY TRANSITION DETAIL

VT. ROUTE 125 RIPTON STA 52+80.00
VT. ROUTE 125 RIPTON STA 84+48.00



OVERLAYED SIDE ROAD DETAIL

RIPTON: TH-I STA 63+57.12 LT
TH-II STA 77+56.32 LT

NOT TO SCALE

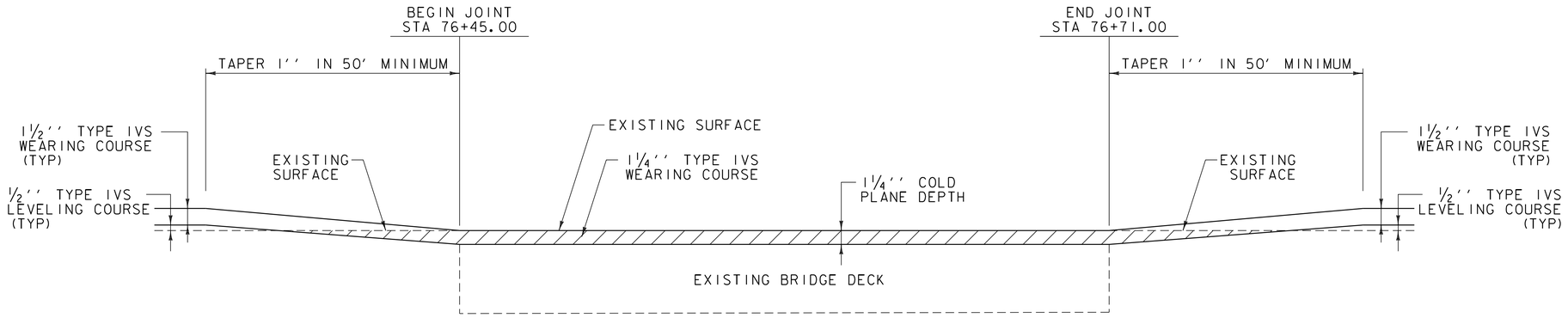
PAVING DETAILS SHEET #1

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60pvdl.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 52 OF 114



BRIDGE TRANSITION AREA DETAIL

BR 15 VT. ROUTE 125 RIPTON STA 76+45.00 TO STA 76+71.00

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			

GENERAL NOTES

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

SEED:
TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE RESIDENT ENGINEER.

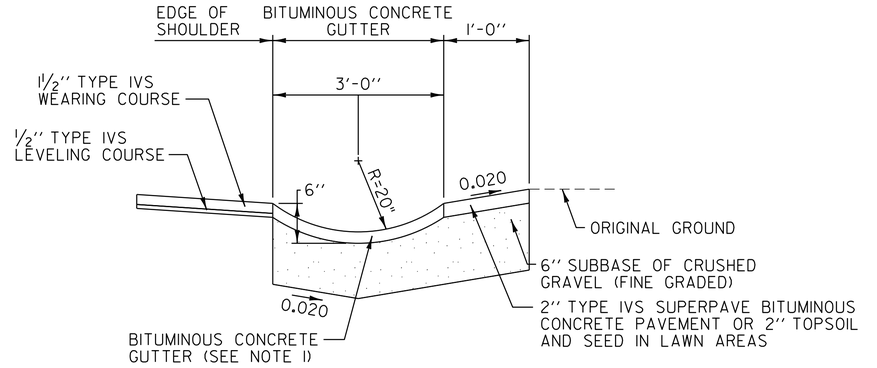
FERTILIZER:
FORMULA 10-20-10 TO BE USED WITH SEED APPLIED AT THE RATE OF 500 LBS/ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

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

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

EXISTING WIDTH

RIPTON				HANCOCK	
STATION	WIDTH	STATION	WIDTH	STATION	WIDTH
8+35.00	27'-4"	150+00.00	26'-0"	0+00.00	29'-5"
12+05.00	23'-6"	161+00.00	28'-4"	2+10.00	35'-11"
24+10.00	27'-5"	173+65.00	27'-1"	4+10.00	43'-4"
35+75.00	26'-0"	185+65.00	26'-2"	5+75.00	32'-9"
48+00.00	27'-2"	196+65.00	27'-7"	12+40.00	29'-5"
59+50.00	34'-7"	208+65.00	27'-0"	17+70.00	33'-3"
61+50.00	25'-7"	217+40.00	26'-3"	22+25.00	31'-1"
72+25.00	24'-6"	224+80.00	25'-9"	27+60.00	33'-2"
76+45.00	19'-10"	230+65.00	26'-8"	29+90.00	31'-5"
80+30.00	24'-2"	240+95.00	26'-8"	31+75.00	32'-0"
90+00.00	24'-0"	248+65.00	27'-1"	39+60.00	32'-4"
102+75.00	27'-2"	260+65.00	26'-5"		
111+20.00	27'-5"	270+65.00	26'-10"		
119+15.00	25'-6"	282+65.00	26'-9"		
130+00.00	26'-10"	288+65.00	26'-10"		
140+00.00	26'-6"	298+65.00	26'-7"		



BITUMINOUS CONCRETE GUTTER DETAIL

RIPTON: STA 56+30.0 - STA 58.06.0 LT (6.9 TON)
STA 60+32.0 - STA 63+45.0 LT (12.2 TON)

HANCOCK: STA 11+05.0 - STA 20+00.0 RT (34.9 TON)

NOTE:

1. BITUMINOUS CONCRETE GUTTER TO BE CONSTRUCTED BY PLACING 1-2" TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT LIFT AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT UNDER ITEM 616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS.

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING TON	NOTES
RIPTON:						
VT. ROUTE 125	0+00.00	52+80.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	52+80.00	62+50.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	85	LEVEL ½" TYPE IVS & PAVE 1¼'' TYPE IVS
VT. ROUTE 125	62+50.00	76+45.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	117	LEVEL ½" TYPE IVS & PAVE 1¼'' TYPE IVS
VT. ROUTE 125	76+45.00	76+75.00	10'-0'' - 10'-0''	1½''	-	BR 15 COLD PLANE 1¼", PAVE WITH 1¼'' TYPE IVS
VT. ROUTE 125	76+75.00	84+48.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	64	LEVEL ½" TYPE IVS & PAVE 1¼'' TYPE IVS
VT. ROUTE 125	84+48.00	102+75.00	2'-0'' - 11'-0'' - 11'-0'' - 2'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	102+75.00	222+15.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	222+15.00	229+65.00	4'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	229+65.00	305+50.08	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
HANCOCK:						
VT. ROUTE 125	0+00.00	2+50.00	3'-0'' - 11'-0'' - 11'-0'' - 3'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	2+50.00	4+10.00	4'-0'' - 12'-0'' - 12'-0'' - 10'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS
VT. ROUTE 125	4+10.00	39+60.00	4'-0'' - 12'-0'' - 12'-0'' - 4'-0''	1½''	-	RECLAIM 8'', PAVE WITH 2¾'' TYPE IIS & PAVE WITH 1½'' TYPE IVS

NOT TO SCALE

PAVING DETAILS SHEET #2

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60pvd2.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 53 OF 114

QUANTITY SHEET 1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		575	575	CY	EARTH BORROW	203.30	-
		4460	4460	CY	TRENCH EXCAVATION OF EARTH	204.20	53
		1	1	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST.
		75	**75**	**CY**	**•• GRANULAR BACKFILL FOR STRUCTURES**	**204.30**	**EST.**
		600	600	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	31
		15,000	15,000	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	161
		60	60	TON	SUBBASE, RAP	301.40	EST.
		101,000	101,000	SY	RECLAIMED STABILIZED BASE	310.20	769
		2700	2700	TON	AGGREGATE SHOULDERS	402.12	41
		245	245	CWT	EMULSIFIED ASPHALT	404.65	3
		1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	EST.
					BEGIN OPTION AA		
		26,500	26,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% RAP CONTENT)	490.30	295
		26,500	26,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (0.0% < RAP CONTENT < 15.0%)	490.30	295
		26,500	26,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (15.0% <= RAP CONTENT < 25.0%)	490.30	295
		26,500	26,500	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (25.0% <= RAP CONTENT <= 50.0%)	490.30	295
					END OPTION AA		
		1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	EST.
		1	1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	EST.
		1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	490.33	EST.
		1	1	LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	EST.
50			50	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	10.3
50			50	CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.
					BEGIN OPTION BB		
		315	315	LF	18" CSP .064 (2-2/3 x 1/2)	601.0015	4
		315	315	LF	18" RCPES CLASS III	601.0815	4
		315	315	LF	18" CPEP (SL)	601.2615	4
					END OPTION BB		
					BEGIN OPTION CC		
		1	1	EA	18" CSPES .064 (2-2/3 X 1/2)	601.6015	-
		1	1	EA	18" RCPES CLASS III	601.6815	-
		1	1	EA	18" CPEPES	601.7015	-
					END OPTION CC		
		3	3	EA	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	604.18	-
		2	2	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	-
		1	1	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-
		1	1	EA	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	-
		8100	8100	LF	6 INCH UNDERDRAIN PIPE	605.10	-
		80	80	EA	UNDERDRAIN FLUSHING BASIN	605.95	-
		500	500	HR	POWER GRADER RENTAL	608.15	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		RECLAIMED STABILIZED BASE
100,231	SY	MAINLINE
769	SY	ROUNDING
101,000	SY	TOTAL
		SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)
100,231	SY	MAINLINE
769	SY	ROUNDING
101,000	SY	TOTAL
		COLD PLANING, BITUMINOUS PAVEMENT
67	SY	MAINLINE
502	SY	SIDEROADS
31	SY	ROUNDING
600	SY	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT
9571	TON	WEARING COURSE (TYPE IVS)
16,078	TON	BASE COURSE (TYPE IIS)
266	TON	TYPE IVS LEVELING
88	TON	SIDE ROADS
202	TON	PULLOUTS
290	TON	ROUNDING
26,500	TON	TOTAL
		AGGREGATE SHOULDERS
115	TON	CAPPING FLARED GUARDRAIL END SECTIONS
2544	TON	BACK UP SHOULDERS TO FULL HEIGHT
41	TON	ROUNDING
2700	TON	TOTAL
		RAP MATERIAL GENERATED FROM PROJECT
60	TON	COLD PLANE GRINDINGS GENERATED
60	TON	SUBBASE, RAP

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 204.30, GRANULAR BACKFILL FOR STRUCTURES

QUANTITY SHEET #1

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quant.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 54 OF 114

QUANTITY SHEET 2

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		100	100	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
		175	175	HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
		50	50	HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
		150	150	HR	TRUCK RENTAL	608.37	EST.
		350	350	HR	LOADER RENTAL, TYPE I	608.40	EST.
		10	10	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST.
		1700	1700	CY	STONE FILL, TYPE I	613.10	37
		700	700	LF	TREATED TIMBER CURB	616.35	10
		55	55	TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	9
		100	100	EA	YIELDING MARKER POSTS	619.17	EST.
		1000	**1000**	**LF**	**•• ADJUST HEIGHT OF GUARDRAIL**	**621.79**	**EST.**
		4500	4500	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	96
		2700	2700	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
		4000	4000	HR	FLAGGERS	630.15	EST.
	0.5		0.5	LS	FIELD OFFICE, ENGINEERS	631.10	-
	0.5		0.5	LS	TESTING EQUIPMENT, CONCRETE	631.16	-
	0.5		0.5	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
	0.5		0.5	LU	FIELD OFFICE, TELEPHONE (N.A.B.I.)	631.25	-
		0.5	0.5	LS	MOBILIZATION/DEMOBILIZATION	635.11	-
		1	1	LS	TRAFFIC CONTROL (STP 2803(I))	641.10	-
		1	1	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-
		70,000	70,000	LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	630
		66,000	66,000	LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	488
		20	20	LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	1
		70	70	LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	6
		24	24	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-
		70,000	70,000	LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	EST.
		66,000	66,000	LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	EST.
		70	70	LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	EST.
		24	24	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	EST.
		7800	7800	EA	LINE STRIPING TARGETS	646.76	EST.
		7500	7500	SY	GEOTEXTILE UNDER STONE FILL	649.31	60
		115	115	LB	SEED	651.15	EST.
		400	400	LB	FERTILIZER	651.18	EST.
		1	1	TON	AGRICULTURAL LIMESTONE	651.20	EST.
		50	50	CY	TOPSOIL	651.35	EST.
		4000	4000	SY	TEMPORARY EROSION MATTING	653.20	71

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 621.79, ADJUST HEIGHT OF GUARDRAIL

QUANTITY SHEET #2

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quan2.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

QUANTITY SHEET 3

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

BRIDGE	FULL C.E.	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
		656	656	SF	TRAFFIC SIGNS, TYPE A	675.20	0.19
		2125	2125	LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	25
		169	169	EA	REMOVING SIGNS	675.50	-
		19	19	EA	ERECTING SALVAGED SIGNS	675.60	-
		23	23	EA	DELINEATOR WITH STEEL POST	676.10	-
		1	1	LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	EST.
		1	1	CY	SPECIAL PROVISION (CONTROLLED DENSITY (FLOWABLE) FILL)	900.608	EST.
		23	23	EA	SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)	900.620	-
		1	1	EA	SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, TANGENT/WEATHERING)	900.620	-
		900	**900**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL)**	**900.640**	**EST.**
		900	**900**	**LF**	**•• SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL)**	**900.640**	**EST.**
		75	75	LF	SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED)	900.640	-
		50	50	LF	SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED W/8 FEET POST)	900.640	-
		4550	4550	LF	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)	900.640	50
		700	700	SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	14
		101,000	101,000	SY	SPECIAL PROVISION (RECLAIMED STABILIZED BASE, PORTLAND CEMENT)	900.675	769
		1350	1350	TON	SPECIAL PROVISION (PORTLAND CEMENT FOR BASE STABILIZATION)	900.680	14
		1275	1275	CWT	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	900.683	21

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

•• REVISED 02-16-10 BY SEH
ADDED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL) AND ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL). REMOVED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING).

QUANTITY SHEET #3

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60quan3.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 56 OF 114

ITEM DETAIL SUMMARY SHEET #1

LOCATION			GUARDRAIL											MISCELLANEOUS								REMARKS
BEGIN STATION	END STATION	POS.	203.30 EARTH BORROW CY	402.12 AGG. SHLDRS TON	616.35 TREATED TIMBER CURB LF	621.79 ADJUST HEIGHT OF G.R. LF	621.80 REMOVAL & DISPOSAL GUARDRAIL LF	653.20 TEMP. EROSION MATTING SY	900.620 MANUF. TERM. SECT., FLARED/ WEATHERING EA	900.620 MANUF. TERM. SECT., TANGENT/ WEATHERING EA	900.640 S.B. G.R. WEATH. LF	900.640 HD S.B. G.R. WEATHERING/ NESTED EA	900.640 HD S.B. G.R. WEATHER/NESTED W/8 FEET POST EA	900.640 BOX BEAM REPAIRS, WEATH. (NEW MTRLS) LF	900.640 BOX BEAM REPAIRS, WEATH. (SLVGD MTRLS) LF	204.20 TREN. EXCAV. EARTH CY	604.412 REHABING CLASS I EA	604.415 DI'S CB'S CLASS II EA	604.418 OR MH'S CLASS III EA	605.10 6 INCH UNDER DRAIN LF	605.95 UNDERDRAIN FLUSHING BASIN EA	616.47 BIT. CONC. GUT. & TRAF. ISLANDS TON	676.10 DELIN. W/STEEL POST EA	
RIPTON:																								
0+00.0	305+50.1	LT/RT				1000																		SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
0+00.0	62+50.0	LT/RT														500				1000	10			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
0+00.0	110+00.0	LT/RT												900	900									SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
0+00.0	305+50.08	LT/RT		2290													1	1	1					SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
16+35.5	17+48.0	RT	50	10				50.0	2		12.5	25.0											2	INSTALL NEW MTS, FLARED FROM 16+35.5 TO 16+73.0 & 17+10.5 TO 17+48.0. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
56+30.0	58+06.0	LT																				6.9		CONSTRUCT BIT CONCRETE GUTTER. SEE BIT CONCRETE GUTTER DETAIL ON SHEET 53.
58+00.0	60+00.0	LT			200																			INSTALL NEW TREATED TIMBER CURB FROM STA 58+00.0 TO STA 60+00.0.
60+32.0	63+45.0	LT																				12.2		CONSTRUCT BIT CONCRETE GUTTER. SEE BIT CONCRETE GUTTER DETAIL ON SHEET 53.
84+48.0	305+50.0	LT/RT														2500				5000	50			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
143+59.5	147+22.0	RT	50	10			354.0	50.0	2		287.5												2	INSTALL NEW MTS, FLARED FROM 143+59.5 TO 143+97.0 & 146+84.5 TO 147+22.0.
164+75.0	168+50.0	RT	50	10			122.0	50.0	2		275.0	25.0											2	INSTALL NEW MTS, FLARED FROM 164+75.0 TO 165+12.5 & 168+12.5 TO 168+50.0. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
165+50.0	169+25.0	LT	50	10			78.0	50.0	2		275.0	25.0											2	INSTALL NEW MTS, FLARED FROM 165+50.0 TO 165+87.5 & 168+87.5 TO STA 169+25.0. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
190+80.0	193+80.0	LT	50	10			130.0	50.0	2		200.0		25.0										2	INSTALL NEW MTS, FLARED FROM 190+80.0 TO 191+17.5 & 193+42.5 TO 193+80.0. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
191+67.5	194+55.0	RT	50	10			127.0	50.0	2		187.5		25.0										2	INSTALL NEW MTS, FLARED FROM 191+67.5 TO 192+05.0 & STA 194+17.5 TO 194+55.0. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.
257+62.0	258+99.5	RT	50	10			130.0	50.0	2		62.5												2	INSTALL NEW MTS, FROM 257+62.0 TO 257+99.5 & 258+62.0 TO 258+99.5.
258+01.0	259+76.0	LT	50	10			167.0	50.0	2		100.0												2	INSTALL NEW MTS, FLARED FROM 258+01.0 TO 258+38.5 & 259+38.5 TO 259+76.0.
298+11.5	303+99.0	RT	25	5	140		483.0	25.0	1	1	500.0												1	INSTALL NEW MTS, FLARED FROM 298+11.5 TO 298+49.0. INSTALL NEW MTS, TANGENT FROM 303+49.0 TO 303+99.0. INSTALL NEW TREATED TIMBER CURB FROM 299+20.0 TO 300+60.0.
301+99.5	303+74.5	LT	50	10			166.0	50.0	2		100.0												2	INSTALL NEW MTSS, FLARED FROM 301+99.5 TO 302+37.0 & 303+37.0 TO 303+74.5.
305+05.0	305+50.1	RT	25	5			40.0	25.0	1		7.6												1	INSTALL NEW MTS, FLARED FROM 305+05.0 TO 305+42.5.
HANCOCK:																								
0+00.0	39+60.0	LT/RT		254												500	1			1000	10			SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER.
0+00.0	17+79.9	RT	25	5	350		1784.0	25.0	1		1742.4												1	INSTALL NEW MTS, FLARED FROM 17+42.4 TO 17+79.9. INSTALL NEW TREATED TIMBER CURB FROM STA 12+10.0 TO STA 15+60.0.
11+05.0	17+95.0	RT																				26.9		CONSTRUCT BIT CONCRETE GUTTER. SEE BIT CONCRETE GUTTER DETAIL ON SHEET 53.
26+00.0	31+50.0	LT/RT														550				1100	10			INSTALL NEW UNDERDRAIN PIPE AS DIRECTED BY THE RESIDENT ENGINEER.
26+31.0	34+56.0	RT	50	10			823.0	50.0	2		750.0												2	INSTALL NEW MTS, FLARED FROM 26+31.0 TO 26+68.5 & 34+18.5 TO 34+56.0.
SHEET SUBTOTALS:			575.0	2659	690	1000	4404.0	575.0	23	1	4500.0	75.0	50.0	900	900	4050	2	1	1	8100	80	46.0	23	
ROUNDINGS:			-	41	10	-	96	10.0	-	-	50.0	-	-	-	-	50	-	-	-	-	-	9	-	
TOTALS:			575	2700	700	1000 ••	4500	585	23	1	4550	75	50	900 ••	900 ••	4100	2	1	1	8100	80	55	23	

•• REVISED 02-16-10 BY SEH
ADDED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (NEW MATERIAL) AND ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING) (SALVAGED MATERIAL). REMOVED ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). ADDED ITEM 621.79 ADJUST HEIGHT OF GUARDRAIL.

ITEM DETAIL SUMMARY SHEET #1

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60ids.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

DRAINAGE SUMMARY SHEET DD-1

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE	DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCCI	DEPTH DI	CONC CL B	REIN STEEL	DI GRATE	CHAN ELEV	CRM	TR EXCAV		COMM EXC	UNC CHAN EXC	STRUC EXCAV	GRAN BKF STRUC	GRAN BORR	GEO UNDER DRAIN	STONE FILL		MRKR POSTS		6" UNDER DRAIN	6" CARRIER PIPE	REMARKS
				IN/OUT	IN	OUT	S	R	L	D	L	PCCSP	CAAP	RCP	CSP	CPEP	PCCSP PI											EARTH	ROCK													
							IN	IN	FT	IN	FT	TH	TH	CL	TH	SL	TH	NO-DEG	EA		I	FT	CY	LBS	TYPE		CY	CY	CY	CY	CY	CY	CY	CY	SY	CY	TYPE	LT	RT	LF	LF	
RIPTON:																																									
60+14.0	60+32.0	LT				X				18	17			III	0.064	X			1		1	5.0			E			21				5								INSTALL 4 FT x 4 FT DI W/GRATE. INSTALL 18 INCH PIPE AND OUTLET TO STONE PAD.
60+32.0	61+56.0	LT								18	118			III	0.064	X					1	5.0			E			135				28								INSTALL 4 FT x 4 FT DI W/GRATE. INSTALL 18 INCH PIPE AND CONNECT INTO PROPOSED STRUCTURE.
61+56.0	63+35.0	LT								18	176			III	0.064	X					1	5.0			E			201				42								INSTALL 4 FT x 4 FT DI W/GRATE. INSTALL 18 INCH PIPE AND CONNECT INTO PROPOSED STRUCTURE.
ROUNDING											4																	3				-									
TOTALS										18	315			III	0.064	X			1	3	15				E			360				75									

•• REVISED 02-16-10 BY SEH
ADDED ITEM 204.30, GRANULAR BACKFILL FOR STRUCTURES

DRAINAGE SUMMARY SHEET

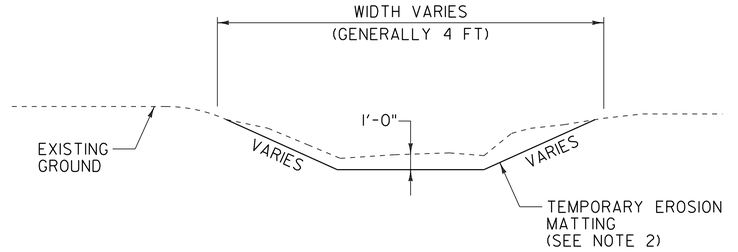
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

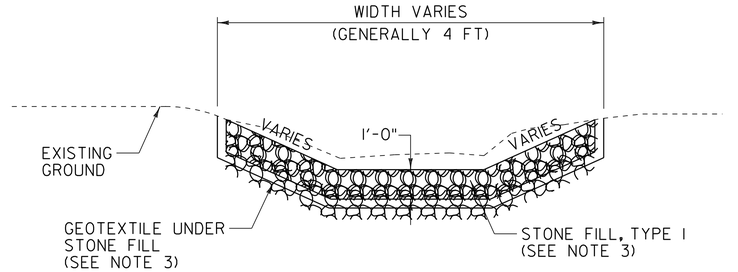
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60dss.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 58 OF 114

LOCATION				FEET OF DITCHING				MISCELLANEOUS ITEMS				REMARKS
								613.10	649.3I	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE				STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
				0-1	1-2.5	2.5-10	>10	CY	SY	LB	SY	
VT. ROUTE 125												
RIPTON:												
1	0+00	51+00	RT			5100		756	3400			
2	24+40	27+55	LT		315					3	140	
3	78+00	91+00	LT		1300					10	578	
4	94+00	97+40	RT		340					3	157	
5	96+50	100+00	LT		350					3	156	
6	104+00	108+00	LT		400					3	178	
7	115+00	136+00	LT			2100		311	1400			
8	120+00	124+00	RT		400					3	178	
9	142+00	153+00	LT		1100					8	489	
10	159+00	165+00	LT		600					5	267	
11	186+00	189+00	LT		300					3	133	
12	196+25	204+90	LT		865					7	384	
13	196+25	200+50	RT		425					3	189	
14	235+25	238+00	LT		275					3	122	
15	274+50	282+00	LT		550					4	245	
16	302+40	305+50	LT		310					3	138	
HANCOCK:												
17	0+00	3960	LT			3960		587	2640			
ROUNDINGS					70	40		36	60	-	61	
TOTALS					7600	11,200		1690	7500	61	3,415	



DITCH DETAIL



STONE DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. ESTIMATED QUANTITIES OF STONE FILL TYPE I AND GEOTEXTILE UNDER STONE FILL HAVE BEEN INCLUDED AS NEEDED. STONE FILLTYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2.5 AND 10 PERCENT OR AS DIRECTED BY THE RESIDENT ENGINEER.

DITCH CLEANING DETAIL SHEET

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60dcd.i

PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 59 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 0+00.00 - STA 11+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 0+00.00 - STA 11+00.00	S	-	S

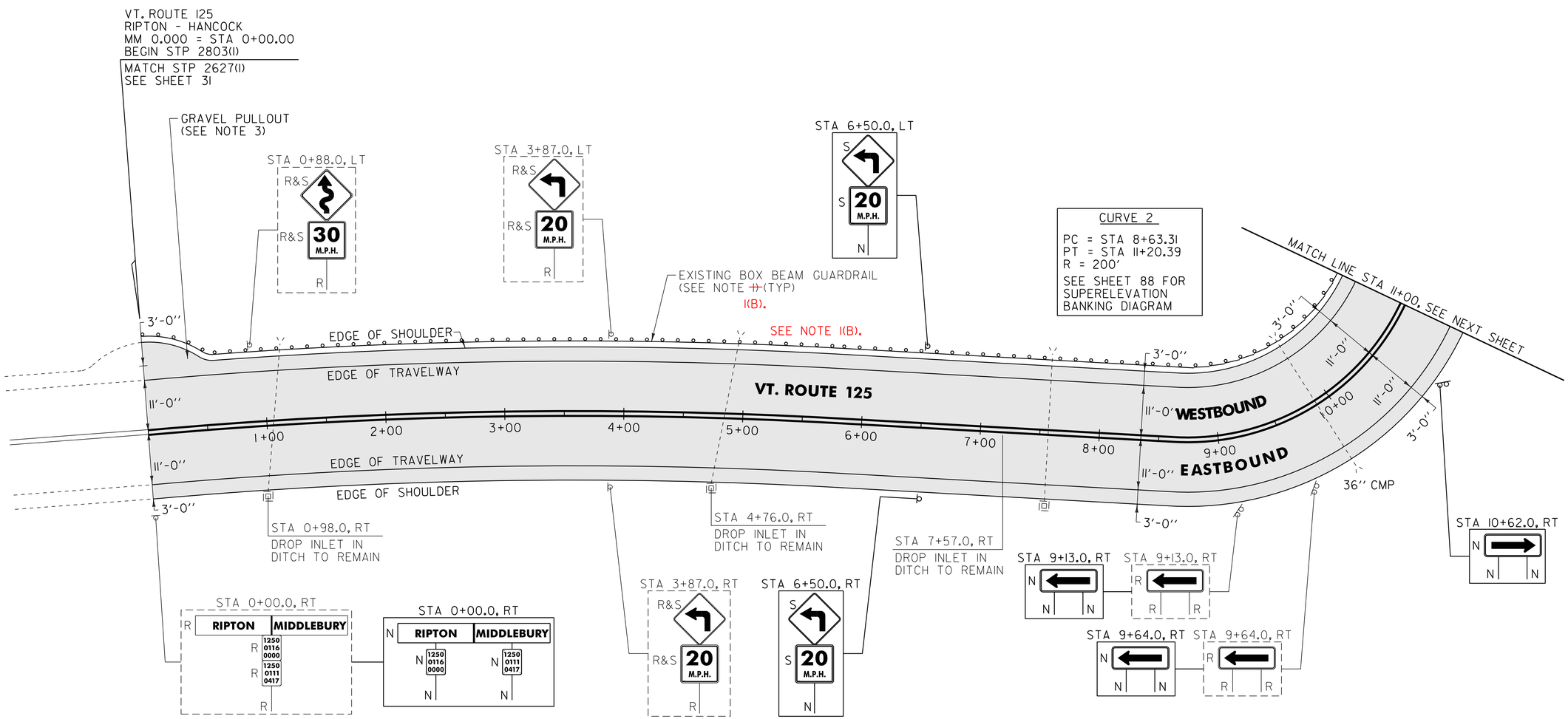
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 0+00.00 - STA 11+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 0+00.00 - STA 11+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 11

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 4



NOTES:

1. ~~THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 0+00 AND STA 11+00 LT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.~~
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.
3. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

CURVE 1
PC = STA 0+00.00
PT = STA 5+80.57
R = 4000'
SEE SHEET 88 FOR SUPERELEVATION BANKING DIAGRAM

NOTE
I(B). REFERENCE SHEET 31 OF 114 FOR THE DESCRIPTION NOTE I(B).
STA 0+00 LT TO 11+00 LT

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #1

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60101.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 60 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 11+00.00 - STA 24+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

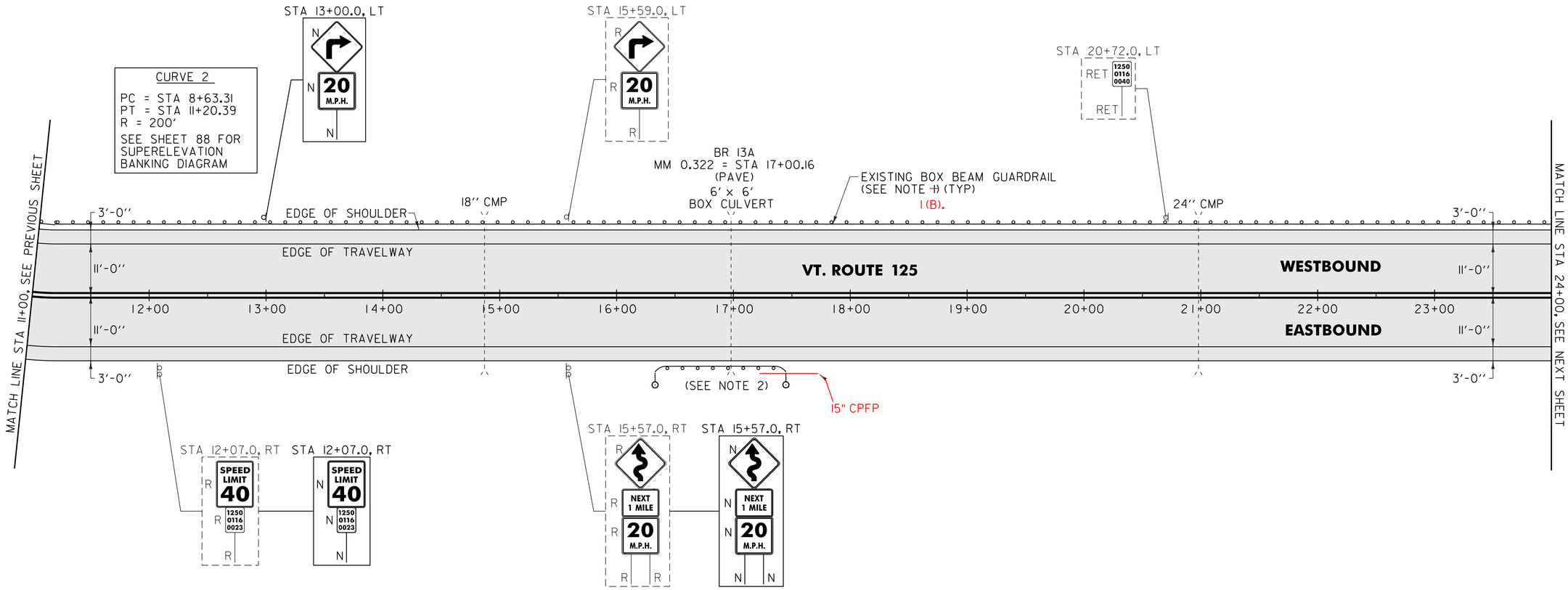
	LT	℄	RT
STA 11+00.00 - STA 24+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 11+00.00 - STA 24+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 11+00.00 - STA 24+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 7



676.10 DELINEATOR WITH STEEL POSTS
TYPE I WHITE
RIPTON:
STA 16+35.5 RT
STA 17+48.0 RT

ITEM 621.60 ANCHOR FOR STEEL BEAM RAIL

~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)~~
RIPTON:
STA 16+35.5 - STA 16+73.0 RT
STA 17+10.5 - STA 17+48.0 RT

~~900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)~~
~~RIPTON:~~
~~STA 16+73.0 - STA 16+85.5 RT (12.5 LF)~~

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED)
RIPTON:
STA 16+85.5 - STA 17+10.5 RT (25.0 LF)

1(B). REFERENCE SHEET 31 OF 114 NOTE 1(B).
STA 11+00 TO 24+00 LT

NOTES:

1. ~~THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 11+00 AND STA 24+00 LT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.~~
2. SEE SHEET 114 FOR NESTED GUARDRAIL DETAIL.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #2

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60102.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 61 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 24+00.00 - STA 37+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

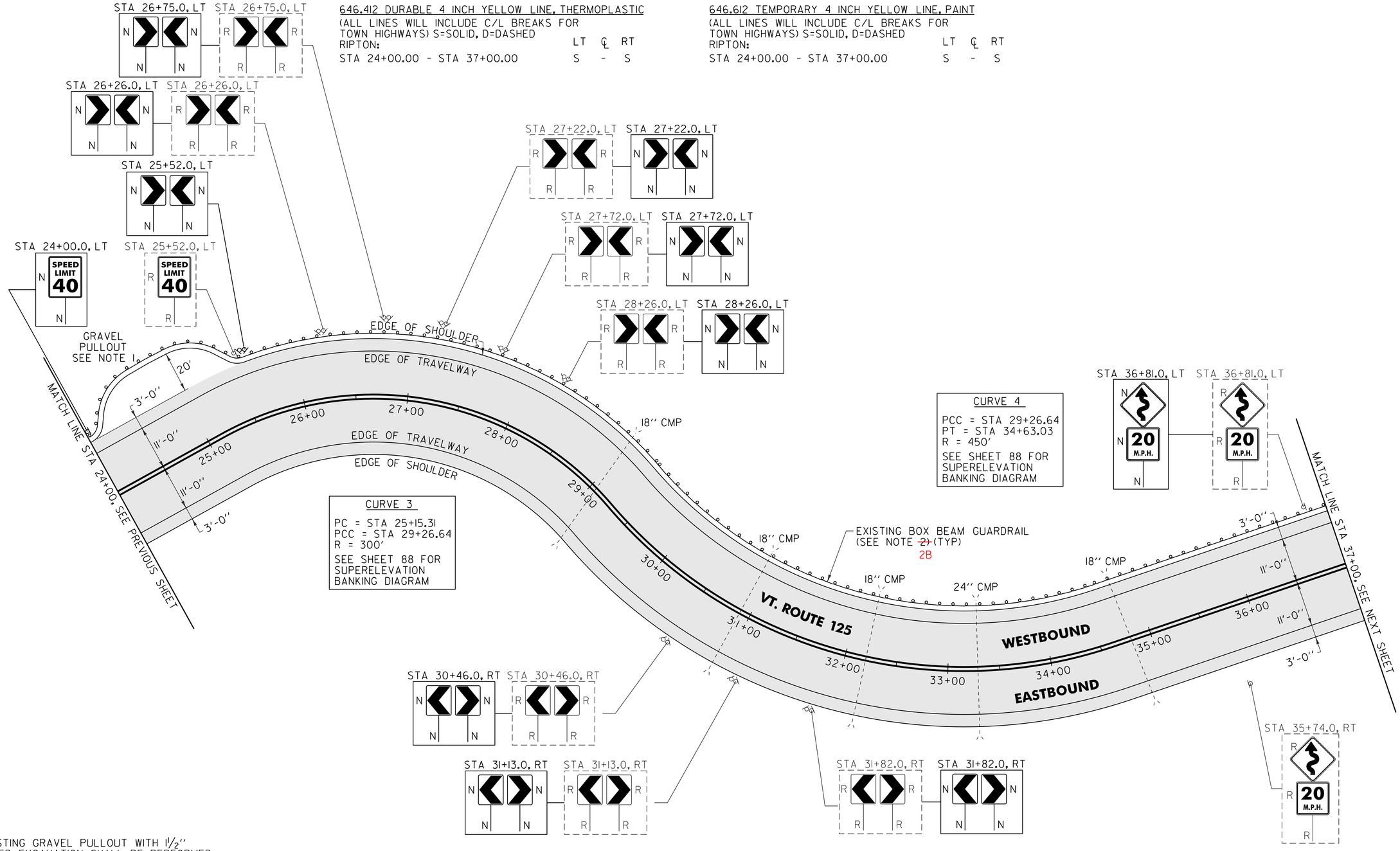
	LT	℄	RT
STA 24+00.00 - STA 37+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 24+00.00 - STA 37+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 24+00.00 - STA 37+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 21



CURVE 3

PC = STA 25+15.31
PCC = STA 29+26.64
R = 300'
SEE SHEET 88 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 4

PCC = STA 29+26.64
PT = STA 34+63.03
R = 450'
SEE SHEET 88 FOR SUPERELEVATION BANKING DIAGRAM

NOTES:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
2. ~~THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 24+00 AND STA 37+00 LT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.~~

2 B. REFERENCE SHEET 31 OF 114 NOTE 1(B).
STA 24+00 LT TO STA 37+00 LT

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #3

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60I03.i
PLOT DATE: 18-SEP-2013 17:09
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 62 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 37+00.00 - STA 50+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

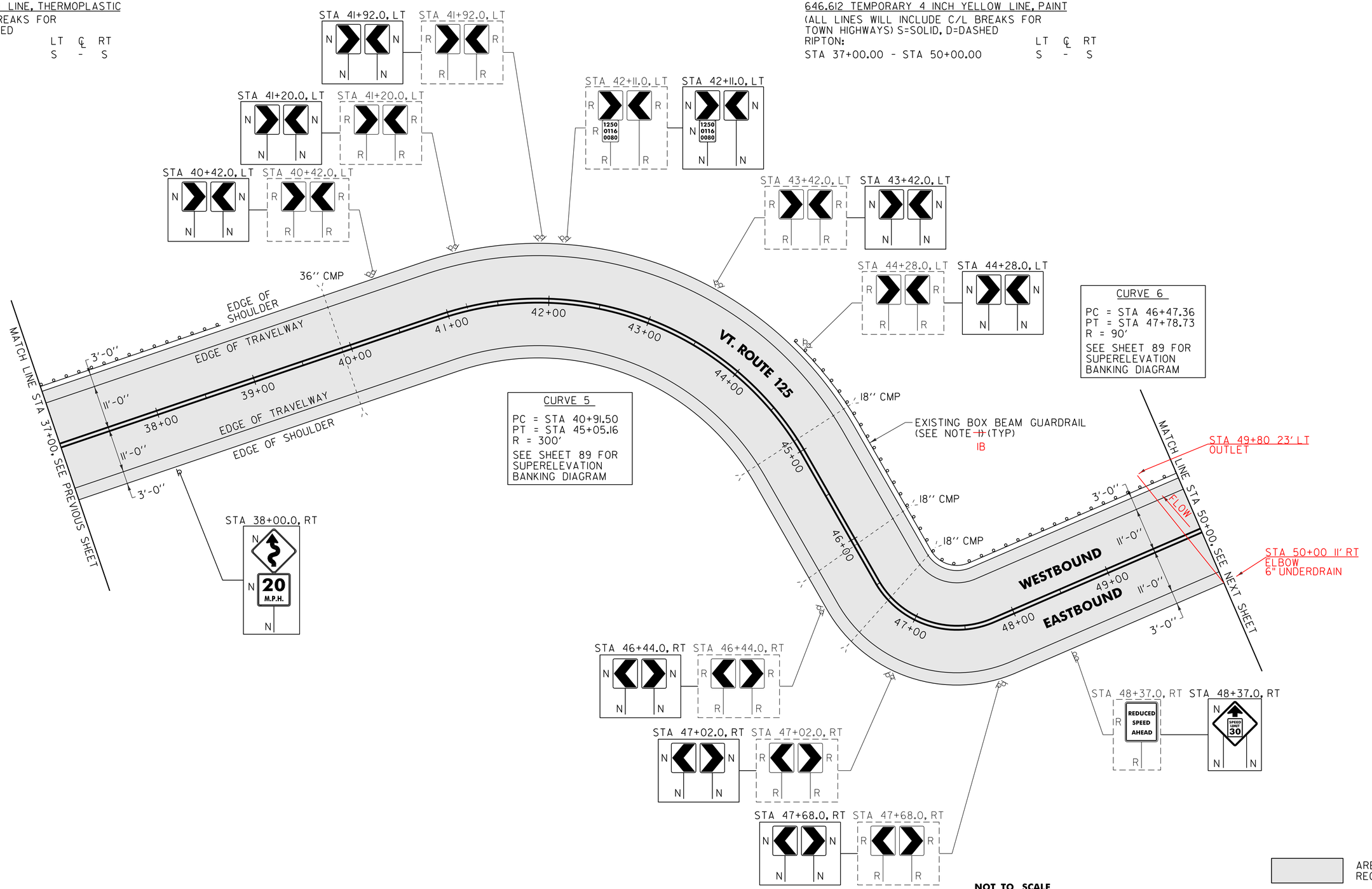
RIPTON:	LT	℄	RT
STA 37+00.00 - STA 50+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 37+00.00 - STA 50+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 37+00.00 - STA 50+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 20



CURVE 5
PC = STA 40+91.50
PT = STA 45+05.16
R = 300'
SEE SHEET 89 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 6
PC = STA 46+47.36
PT = STA 47+78.73
R = 90'
SEE SHEET 89 FOR SUPERELEVATION BANKING DIAGRAM

NOTES:
NOTE:
1. THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS, AS DIRECTED BY THE RESIDENT ENGINEER, TO ALL EXISTING BOX BEAM GUARDRAIL IN THE PROJECT LIMITS TO MEET THE STANDARD SPECIFICATIONS AS SHOWN ON STANDARD ITEM 606.01. ALL WORK SHALL BE PAID FOR UNDER ITEM 606.01 STEEL BOX BEAM GUARDRAIL REPAIRS. (HEIGHTENING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN QUANTITY FOR THIS ITEM. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.

1B REFERENCE SHEET 31 OF 114 NOTE 1(B).
STA 37+00 LT TO 38+80 LT
STA 44+15 LT TO 50+00 LT

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #4

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60l04.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 63 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 50+00.00 - STA 63+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 50+00.00 - STA 63+00.00	S	-	S

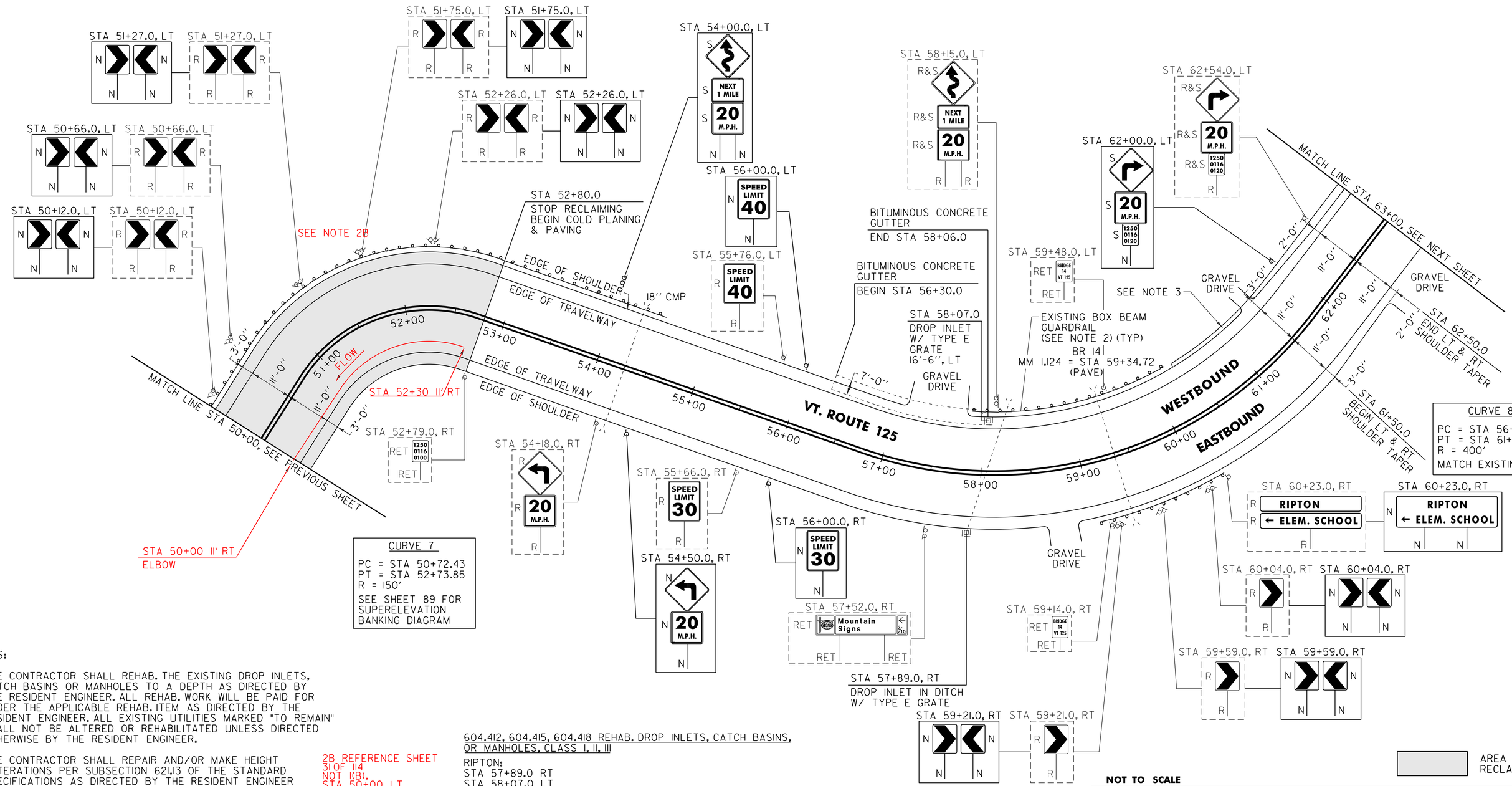
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 50+00.00 - STA 63+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 50+00.00 - STA 63+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 25

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 6



CURVE 7
PC = STA 50+72.43
PT = STA 52+73.85
R = 150'
SEE SHEET 89 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 8
PC = STA 56+78.44
PT = STA 61+79.32
R = 400'
MATCH EXISTING

NOTES:

1. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 50+00 AND STA 63+00 LT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.

3. SEE SHEET 87 FOR NEW DRAINAGE PLAN FROM STA 59+55.0 TO STA 63+45.0 LT.

2B REFERENCE SHEET 31 OF 114 NOT I(B). STA 50+00 LT

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III
RIPTON:
STA 57+89.0 RT
STA 58+07.0 LT

616.35 TREATED TIMBER CURB
RIPTON:
~~STA 58+00.0 - STA 60+00.0 LT (200.0 LF)~~ NOT PLACED USED EXISTING

616.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
RIPTON:
STA 56+30.0 - STA 58+06.0 LT (6.9 TON)

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #5

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60105.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 64 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 63+00.00 - STA 76+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 63+00.00 - STA 76+00.00	S	-	S
STA 63+57.12 DOUBLE SOLID LT, TH-1			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 63+00.00 - STA 76+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 63+00.00 - STA 76+00.00	S	-	S
STA 63+57.12 DOUBLE SOLID LT, TH-1			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 63+57.12 LT, TH-1

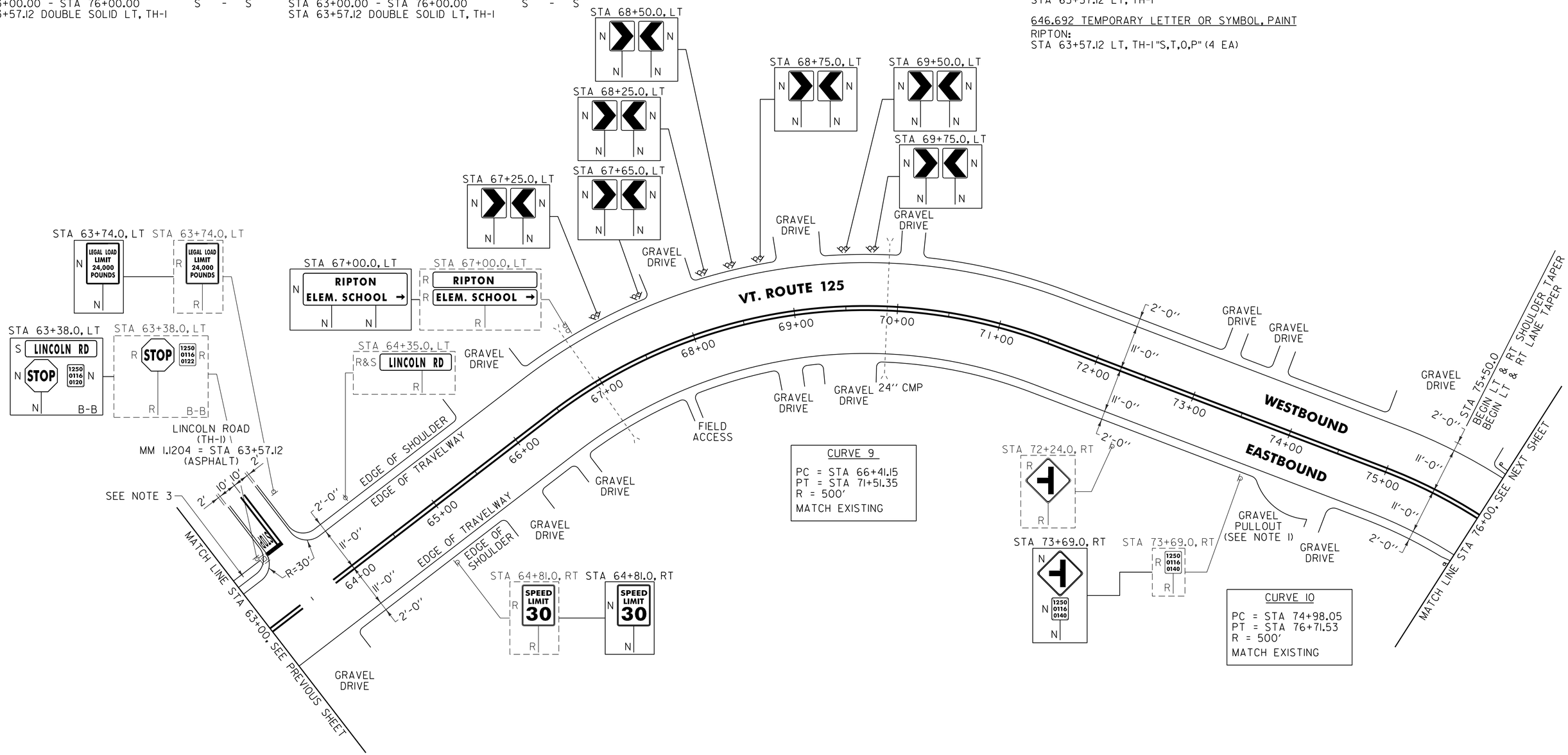
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 63+57.12 LT, TH-1 "S,T,0,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 63+57.12 LT, TH-1

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 63+57.12 LT, TH-1 "S,T,0,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 9

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



CURVE 9
PC = STA 66+41.15
PT = STA 71+51.35
R = 500'
MATCH EXISTING

CURVE 10
PC = STA 74+98.05
PT = STA 76+71.53
R = 500'
MATCH EXISTING

NOTES:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
2. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. SEE SHEET 87 FOR NEW DRAINAGE PLAN FROM STA 59+55.0 TO STA 63+45.0 LT.

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

NOT TO SCALE

PROJECT LAYOUT SHEET #6

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60l06.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 65 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 76+00.00 - STA 89+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 76+00.00 - STA 89+00.00	S	-	S
STA 77+56.32 DOUBLE SOLID LT, TH-11			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 76+00.00 - STA 89+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 76+00.00 - STA 89+00.00	S	-	S
STA 77+56.32 DOUBLE SOLID LT, TH-11			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 77+56.32 LT, TH-11

646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 77+56.32 LT, TH-11 "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 77+56.32 LT, TH-11

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 77+56.32 LT, TH-11 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1

CURVE 12
PC = STA 81+25.15
PT = STA 84+16.19
R = 400'
MATCH EXISTING

CURVE 13
PC = STA 85+98.12
PT = STA 87+66.77
R = 500'
SEE SHEET 90 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 11
PC = STA 78+27.54
PT = STA 79+92.10
R = 450'
MATCH EXISTING

CURVE 10
PC = STA 74+98.05
PT = STA 76+71.53
R = 500'
MATCH EXISTING

STA 84+48.00
END COLD PLANING & PAVING
RESUME RECLAIMING
BUT NO ADDITION OF PCC

STA 76+75.0
DROP INLET TO REMAIN

TH-11 NATURAL TPKE
MM 1.469 = STA 77+56.32
(ASPHALT)

MM 1.450 = STA 76+56.00
(COLD PLANE 1 1/4" & PAVE 1 1/4" TYPE IVS)

VT. ROUTE 125

WESTBOUND

EASTBOUND

GRAVEL DRIVE

18" CMP

36" SICPP

24" SICPP

EXISTING BOX BEAM GUARDRAIL TO REMAIN (SEE NOTE 2) (TYP)

SEE NOTE 2B

MATCH LINE STA 76+00, SEE PREVIOUS SHEET

MATCH LINE STA 89+00, SEE NEXT SHEET

BEGIN LT & RT LANE WIDENING
BEGIN LT & RT SHOULDER WIDENING
STA 76+75.0

END LT & RT LANE TAPER
END LT & RT SHOULDER TAPER
STA 76+45.0

END LT & RT LANE WIDENING
END LT & RT SHOULDER WIDENING
STA 78+00.0

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

2. THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 78+45 TO STA 85+75 RT AND STA 88+20 TO STA 89+00 RT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.

2B. REFERENCE SHEET 31 OF 114 NOTE 1(B). STA 88+200 TO STA 89+00 LT

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #7

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60107.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 66 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 89+00.00 - STA 102+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

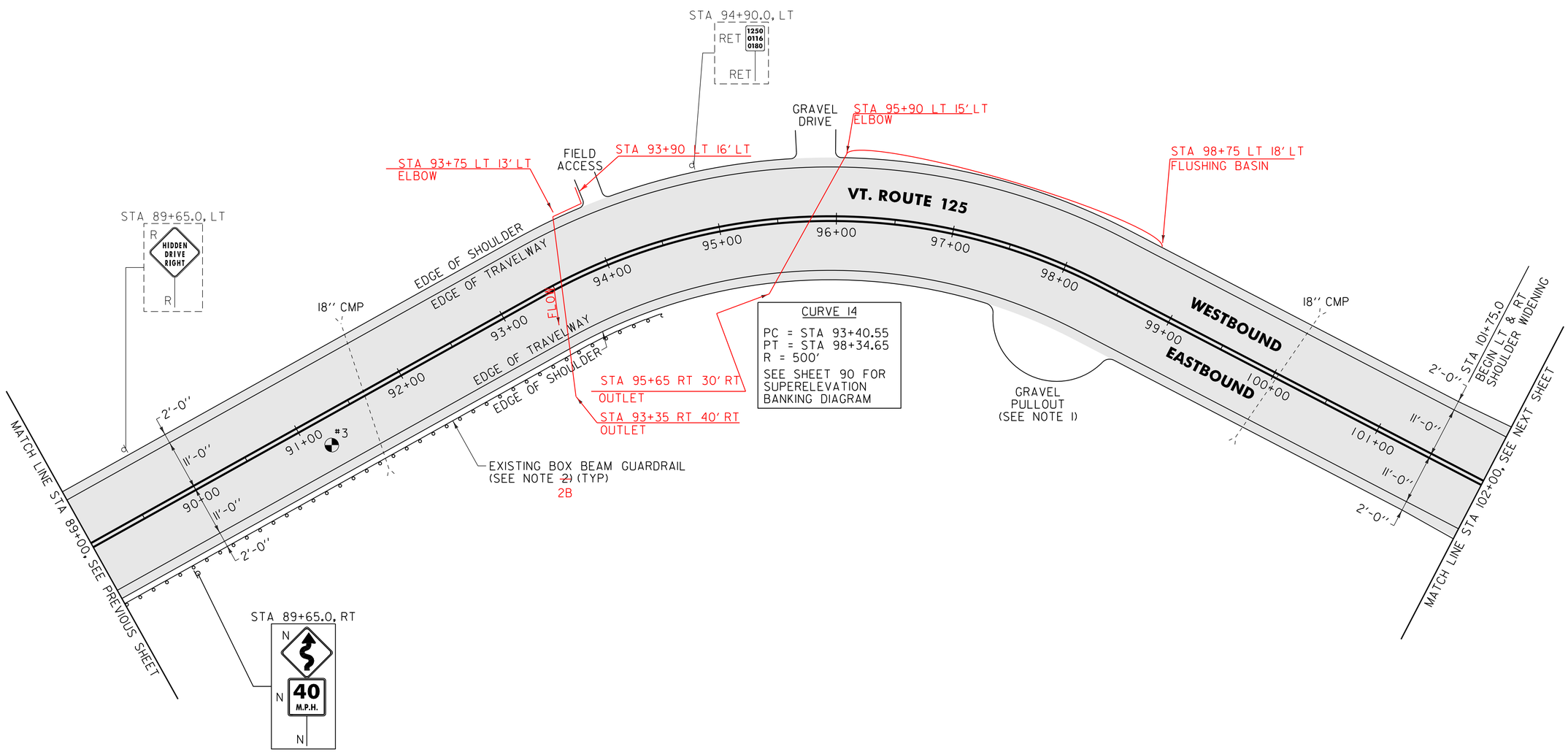
RIPTON:	LT	℄	RT
STA 89+00.00 - STA 102+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 89+00.00 - STA 102+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 89+00.00 - STA 102+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



NOTES:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

2. THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 89+00 AND STA 94+27 RT. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.

2B. REFERENCE SHEET 31 OF 114 NOTE 1(B).
STA 89+00 TO 94+27 LT

PAVEMENT CORES = ⌖

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
3	8"	NO	

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #8

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60108.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 67 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 102+00.00 - STA 115+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

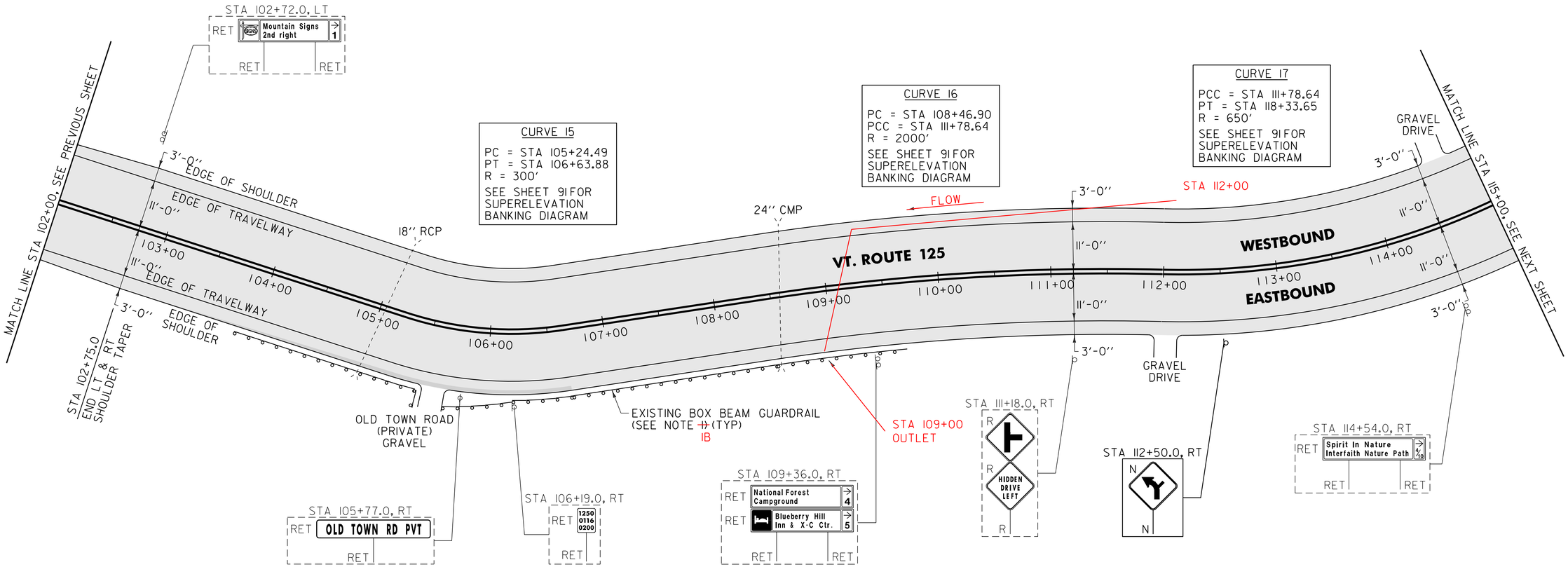
RIPTON:	LT	℄	RT
STA 102+00.00 - STA 115+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 102+00.00 - STA 115+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 102+00.00 - STA 115+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



NOTE:

1. ~~THE CONTRACTOR SHALL REPAIR AND/OR MAKE HEIGHT ALTERATIONS PER SUBSECTION 621.13 OF THE STANDARD SPECIFICATIONS AS DIRECTED BY THE RESIDENT ENGINEER BETWEEN RIPTON STA 103+83 TO STA 105+50 RT AND STA 106+19 TO STA 109+67. ALL WORK SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (BOX BEAM GUARDRAIL REPAIRS, WEATHERING). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED IN THE PLAN SET. SEE SHEET 9 FOR AVAILABLE BOX BEAM GUARDRAIL INVENTORY.~~

1B REFERENCE SHEET 31 OF 114 NOTE 1(B).
STA 103+83 LT TO 105+50 LT
STA 105+75 LT TO 109+67 LT

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

NOT TO SCALE

AREA TO BE RECLAIMED

PROJECT LAYOUT SHEET #9

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60109.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 68 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 115+00.00 - STA 128+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 115+00.00 - STA 128+00.00	S	-	S
STA 116+37.12 DOUBLE SOLID RT, TH-18			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 115+00.00 - STA 128+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 115+00.00 - STA 128+00.00	S	-	S
STA 116+37.12 DOUBLE SOLID RT, TH-18			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 116+37.12 RT, TH-18

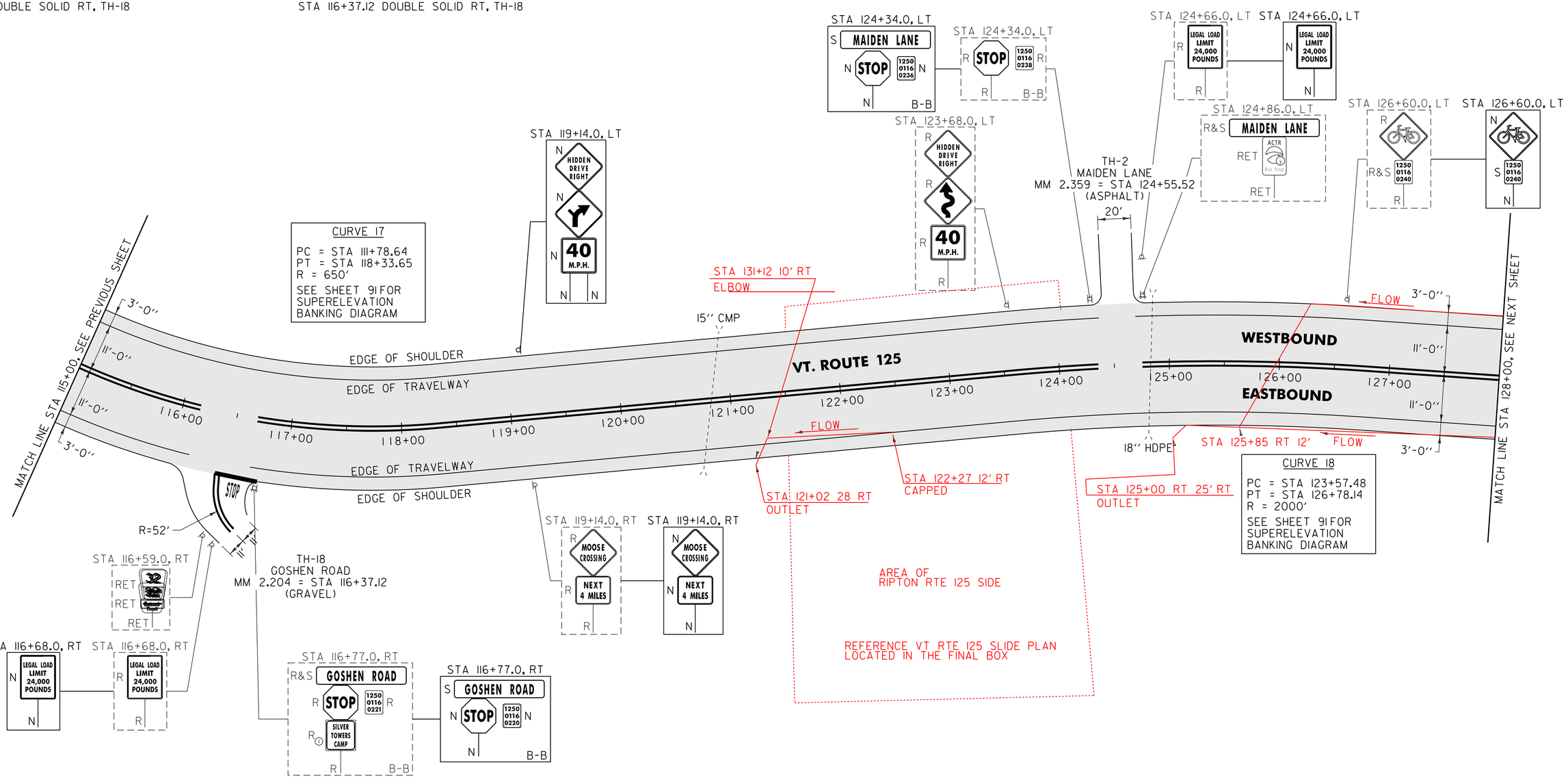
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 116+37.12 RT, TH-18 "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 116+37.12 RT, TH-18

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 116+37.12 RT, TH-18 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 16

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - - -
NEW = ————————
R① = RETURN TO THE TOWN OF RIPTON

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #10

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160110.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 69 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 128+00.00 - STA 141+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

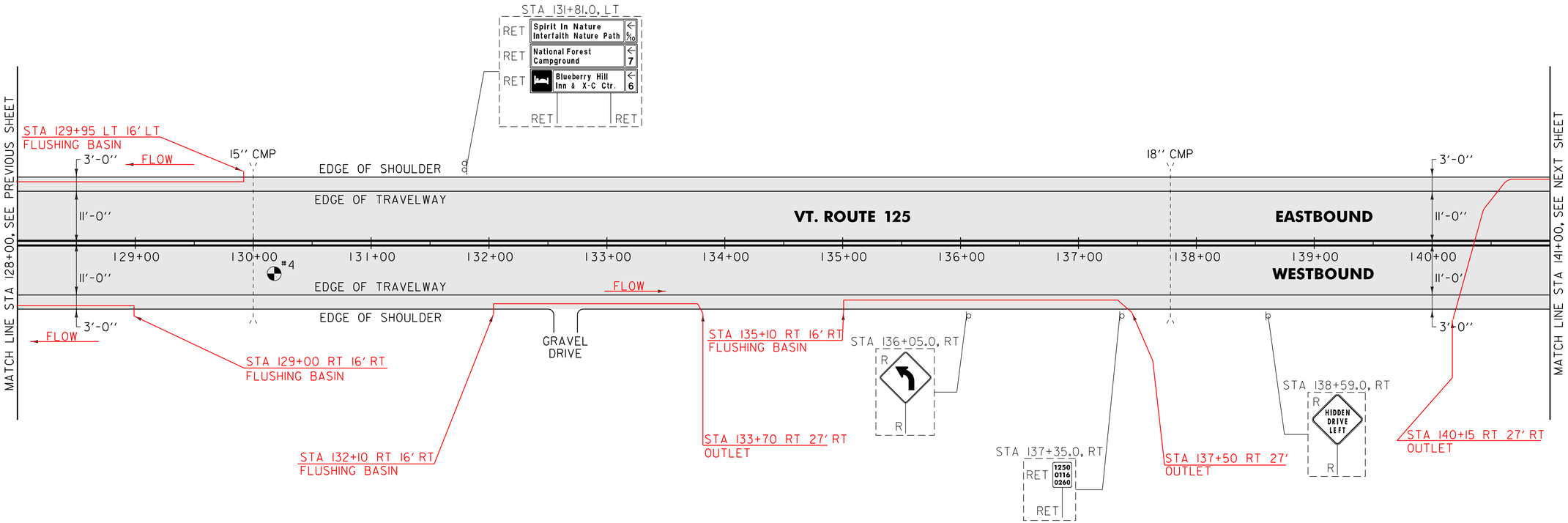
RIPTON:	LT	℄	RT
STA 128+00.00 - STA 141+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 128+00.00 - STA 141+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 128+00.00 - STA 141+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

AREA TO BE RECLAIMED

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
4	9"	NO	

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

PROJECT LAYOUT SHEET #11

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60III.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 70 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 141+00.00 - STA 154+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

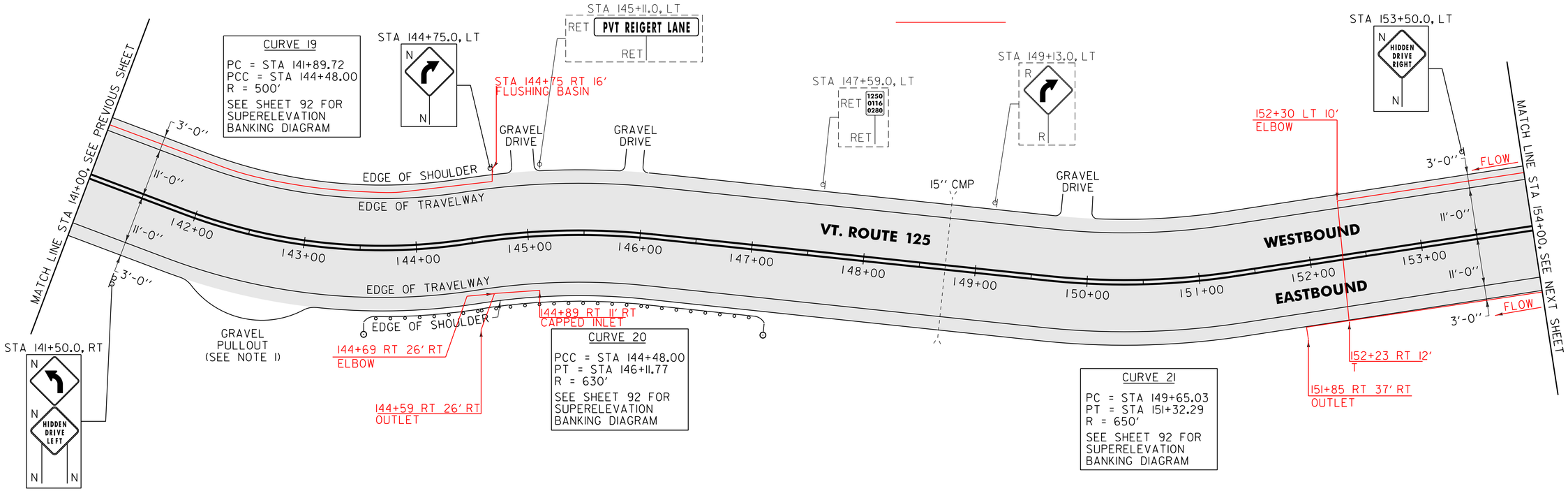
	LT	℄	RT
STA 141+00.00 - STA 154+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 141+00.00 - STA 154+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 141+00.00 - STA 154+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 1



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 143+64.0 - STA 147+18.0 RT (354.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE 1 WHITE
RIPTON:
STA 143+59.5 RT
STA 147+22.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 143+59.5 - STA 143+97.0 RT
STA 146+84.5 - STA 147+22.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 143+97.0 - STA 146+84.5 RT (287.5 LF)

NOTE:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #12

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160112.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 71 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 154+00.00 - STA 167+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

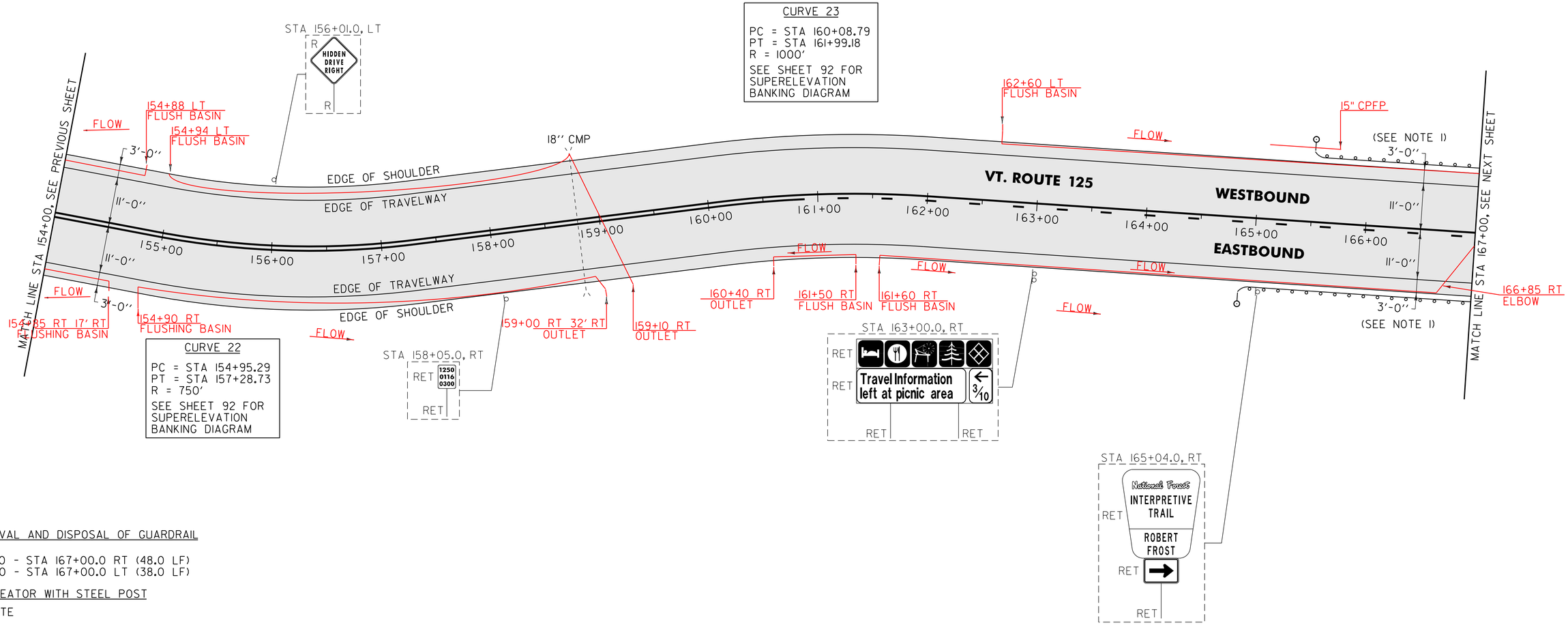
	LT	℄	RT
STA 154+00.00 - STA 160+78.00	S	-	S
STA 160+78.00 - STA 167+00.00	S	-	D

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 154+00.00 - STA 167+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 154+00.00 - STA 160+78.00	S	-	S
STA 160+78.00 - STA 167+00.00	S	-	D

675.50 REMOVING SIGNS
AS SHOWN - 1



CURVE 22
PC = STA 154+95.29
PT = STA 157+28.73
R = 750'
SEE SHEET 92 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 23
PC = STA 160+08.79
PT = STA 161+99.18
R = 1000'
SEE SHEET 92 FOR SUPERELEVATION BANKING DIAGRAM

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 166+52.0 - STA 167+00.0 RT (48.0 LF)
STA 166+62.0 - STA 167+00.0 LT (38.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 164+75.0 RT
STA 165+50.0 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 164+75.0 - STA 165+12.5 RT
STA 165+50.0 - STA 165+87.5 LT

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED)
RIPTON:
STA 166+87.5 - STA 167+00.0 LT (12.5 LF)
STA 166+87.5 - STA 167+00.0 RT (12.5 LF)

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 165+12.5 - STA 166+87.5 RT (175.0 LF)
STA 165+87.5 - STA 166+87.5 LT (100.0 LF)

NOTE:
1. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #13

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60ll3.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 72 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 167+00.00 - STA 180+00.00 EDGE LINE LT & RT

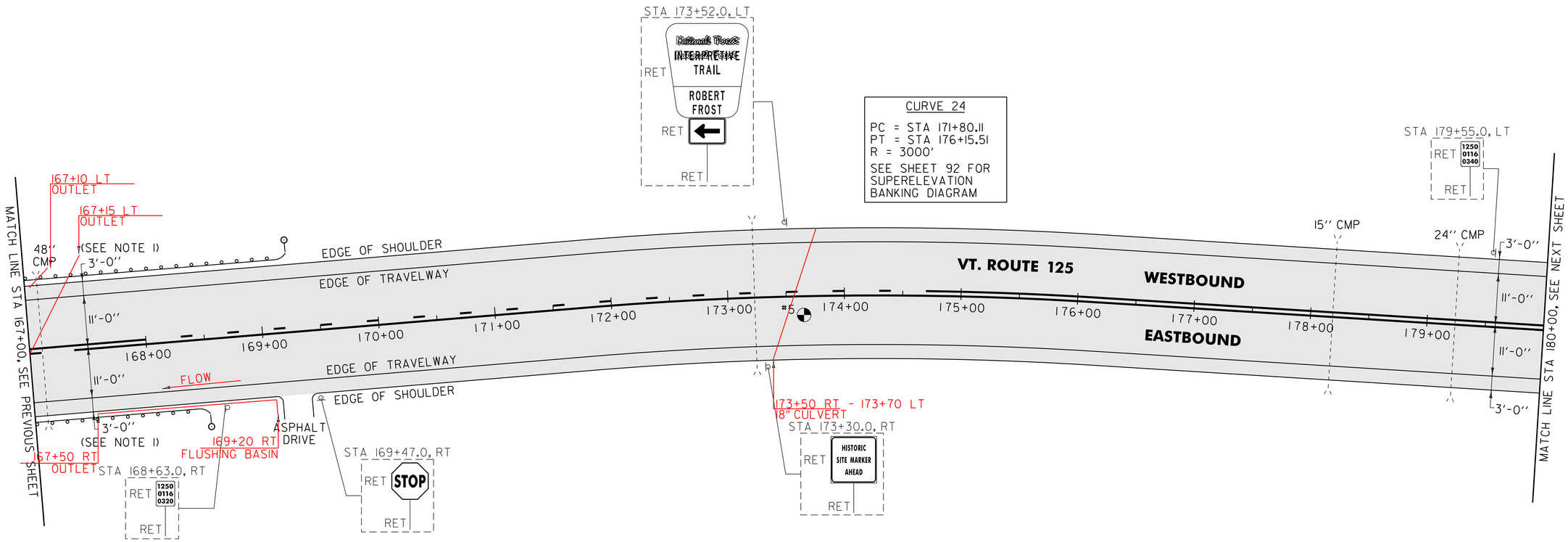
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 167+00.00 - STA 167+38.00	S	-	D
STA 167+38.00 - STA 167+90.00	S	-	S
STA 167+90.00 - STA 174+77.00	D	-	S
STA 174+77.00 - STA 180+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 167+00.00 - STA 180+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 167+00.00 - STA 167+38.00	S	-	D
STA 167+38.00 - STA 167+90.00	S	-	S
STA 167+90.00 - STA 174+77.00	D	-	S
STA 174+77.00 - STA 180+00.00	S	-	S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 167+00.0 - STA 167+40.0 LT (40.0 LF)
STA 167+00.0 - STA 167+74.0 RT (74.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 168+50.0 RT
STA 169+25.0 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 168+12.5 - STA 168+50.0 RT
STA 168+87.5 - STA 169+25.0 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 167+12.5 - STA 168+12.5 RT (100.0 LF)
STA 167+12.5 - STA 168+87.5 LT (175.0 LF)

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED)
RIPTON:
STA 167+00.0 - STA 167+12.5 LT (12.5 LF)
STA 167+00.0 - STA 167+12.5 RT (12.5 LF)

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
5	6¼"	NO	

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

AREA TO BE RECLAIMED

NOTE:
1. SEE SHEET 114 FOR NESTED GUARDRAIL DETAIL.

NOT TO SCALE

PROJECT LAYOUT SHEET #14

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60114.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 73 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 180+00.00 - STA 193+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 180+00.00 - STA 187+97.00	S	-	S
STA 187+97.00 - STA 193+00.00	S	-	D

STA 184+80.00 DOUBLE SOLID LT, TH-19

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 180+00.00 - STA 193+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 180+00.00 - STA 187+97.00	S	-	S
STA 187+97.00 - STA 193+00.00	S	-	D

STA 184+80.00 DOUBLE SOLID LT, TH-19

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 184+80.00 LT, TH-19

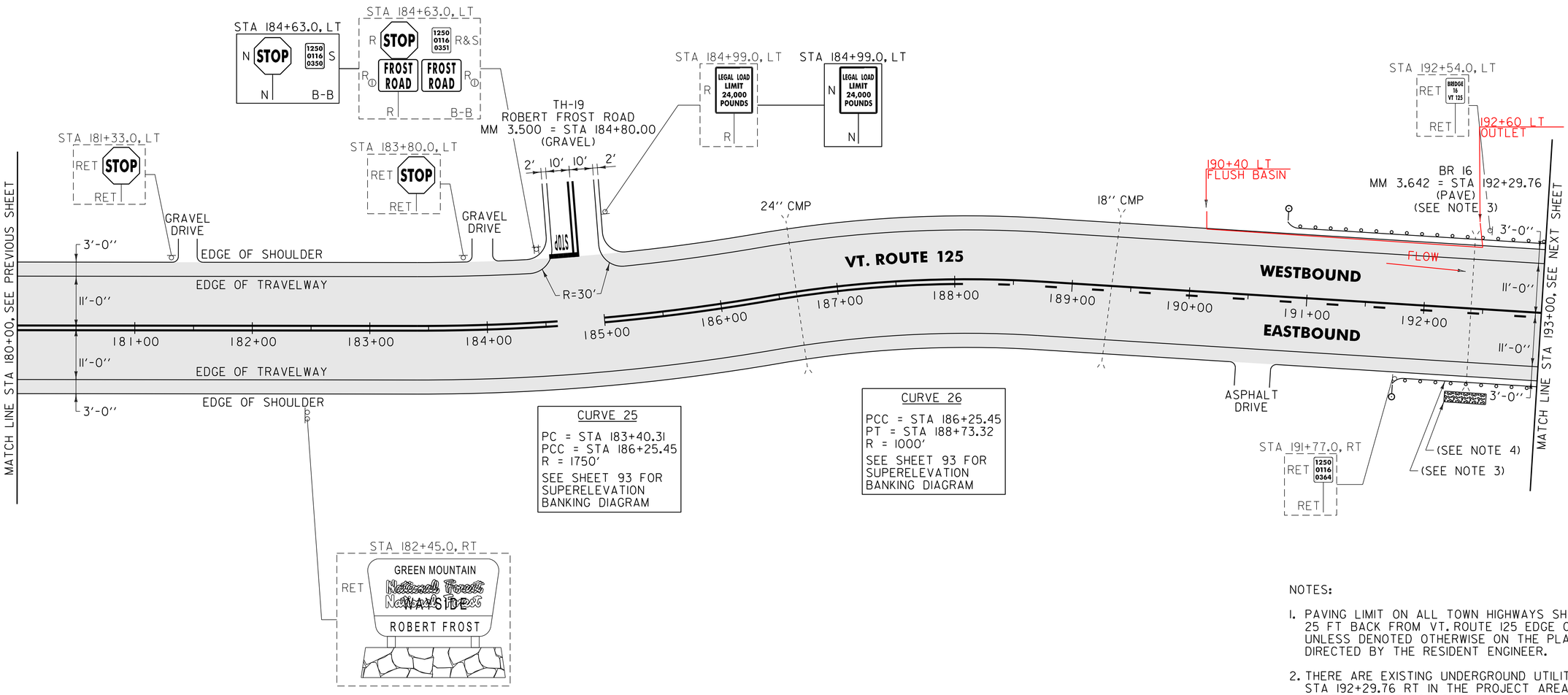
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 184+80.00 LT, TH-19 "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 184+80.00 LT, TH-19

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 184+80.00 LT, TH-19 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 5

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



CURVE 25
PC = STA 183+40.31
PCC = STA 186+25.45
R = 1750'
SEE SHEET 93 FOR SUPERELEVATION BANKING DIAGRAM

CURVE 26
PCC = STA 186+25.45
PT = STA 188+73.32
R = 1000'
SEE SHEET 93 FOR SUPERELEVATION BANKING DIAGRAM

NOTES:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THERE ARE EXISTING UNDERGROUND UTILITIES LOCATED AT STA 192+29.76 RT IN THE PROJECT AREA. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "DIG SAFE" AT (88) 344-7233 TO DETERMINE THE LOCATIONS OF THESE UTILITIES PRIOR TO PERFORMING ANY SUBSURFACE OPERATIONS.
3. SEE SHEET 114 FOR STEEL BEAM GUARDRAIL AT SMALL CULVET DETAIL.
4. ITEM 613.10 STONE FILL, TYPE I SHALL BE PLACED ALONG THE EXISTING SIDE SLOPE AS DIRECTED BY THE RESIDENT ENGINEER.

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 191+74.0 - STA 193+00.0 LT (126.0 LF)
STA 191+77.0 - STA 193+00.0 RT (123.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 190+80.0 LT
STA 191+67.5 RT

613.10 STONE FILL, TYPE I
RIPTON:
STA 192+40.0 RT (2.5 CY)

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 190+80.0 - STA 191+17.5 LT
STA 191+67.5 - STA 192+05.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 191+17.5 - STA 192+17.5 LT (100.0 LF)
STA 192+05.0 - STA 192+17.5 RT (12.5 LF)
STA 192+42.5 - STA 193+00.0 LT (57.5 LF)
STA 192+42.5 - STA 193+00.0 RT (57.5 LF)

900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED W/8 FEET POST)
RIPTON:
STA 192+17.5 - STA 192+42.5 LT (25.0 LF)
STA 192+17.5 - STA 192+42.5 RT (25.0 LF)

AREA TO BE RECLAIMED

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
B-B = BACK TO BACK
EXISTING = - - - - - -
NEW = ————
Ⓘ = RETURN TO THE TOWN OF RIPTON

NOT TO SCALE

PROJECT LAYOUT SHEET #15

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60ll5.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 74 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 193+00.00 - STA 206+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

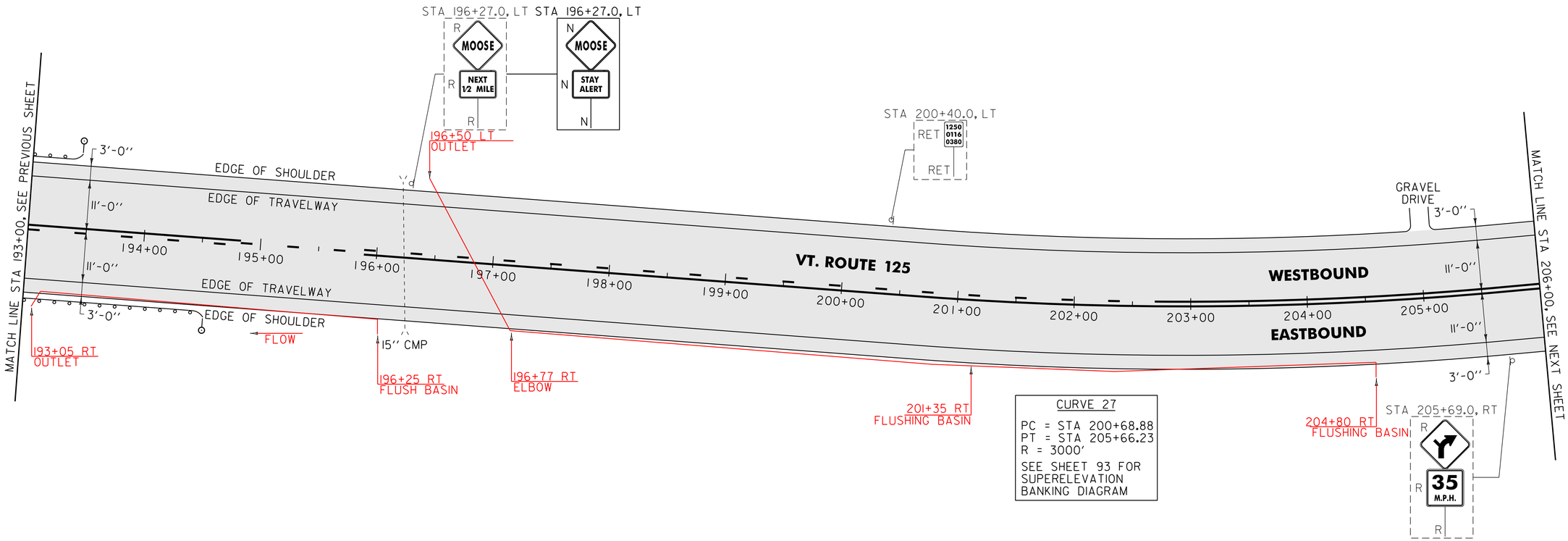
	LT	℄	RT
STA 193+00.00 - STA 194+83.00	S	-	D
STA 194+83.00 - STA 195+89.00	-	D	-
STA 195+89.00 - STA 202+75.00	D	-	S
STA 202+75.00 - STA 206+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 193+00.00 - STA 206+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 193+00.00 - STA 194+83.00	S	-	D
STA 194+83.00 - STA 195+89.00	-	D	-
STA 195+89.00 - STA 202+75.00	D	-	S
STA 202+75.00 - STA 206+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 4



CURVE 27
PC = STA 200+68.88
PT = STA 205+66.23
R = 3000'
SEE SHEET 93 FOR SUPERELEVATION BANKING DIAGRAM

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 193+00.0 - STA 193+04.0 LT (4.0 LF)
STA 193+00.0 - STA 193+04.0 RT (4.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 193+80.0 LT
STA 194+55.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 193+42.5 - STA 193+80.0 LT
STA 194+17.5 - STA 194+55.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 193+00.0 - STA 194+17.5 RT (117.5 LF)
STA 193+00.0 - STA 193+42.5 LT (42.5 LF)

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #16

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160116.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 75 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 206+00.00 - STA 219+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 206+00.00 - STA 219+00.00	S	-	S
STA 211+35.84 DOUBLE SOLID LT, TH-20			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 206+00.00 - STA 219+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 206+00.00 - STA 219+00.00	S	-	S
STA 211+35.84 DOUBLE SOLID LT, TH-20			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 211+35.84 LT, TH-20

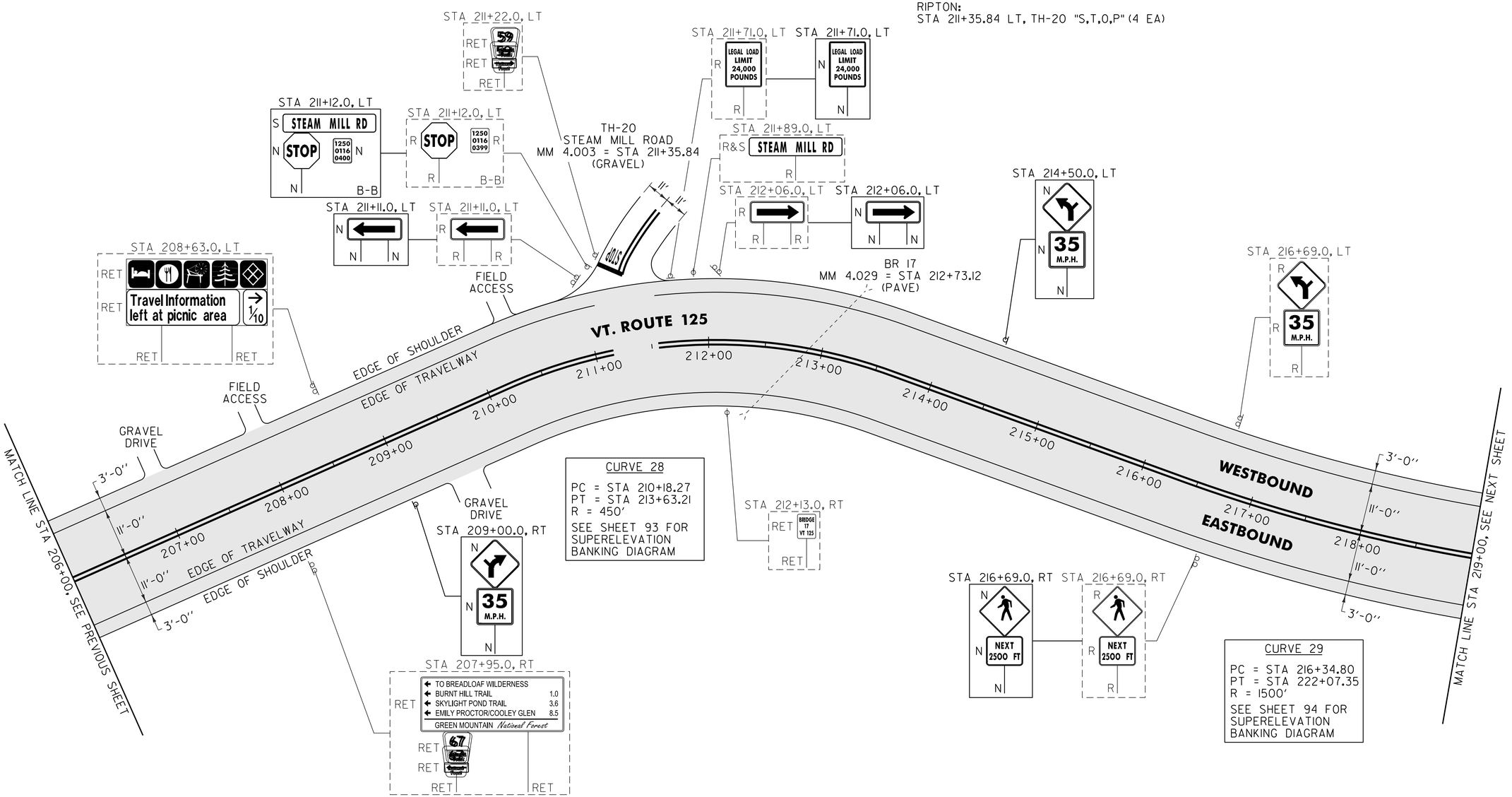
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 211+35.84 LT, TH-20 "S,T,O,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 211+35.84 LT, TH-20

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 211+35.84 LT, TH-20 "S,T,O,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 10

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



AREA TO BE RECLAIMED

NOT TO SCALE

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

PROJECT LAYOUT SHEET #17

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60ll7.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 76 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 219+00.00 - STA 232+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 219+00.00 - STA 232+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 219+00.00 - STA 232+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

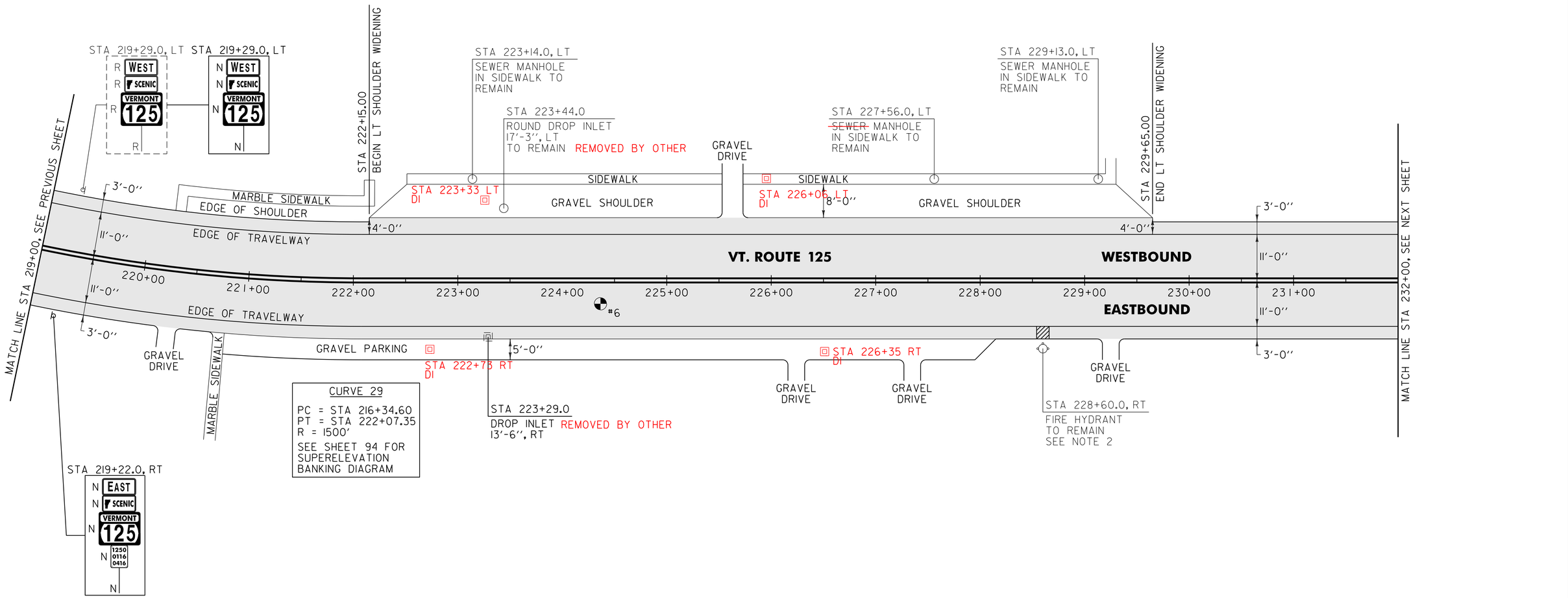
RIPTON:	LT	℄	RT
STA 219+00.00 - STA 232+00.00	S	-	S

616.28 CAST-IN PLACE CONCRETE CURB TYPE B

223+21.00 - 225+71.00 LT	250 LF
225+93.00 - 229+93 LT	400 LF

646.442 DURABLE 8 INCH WHITE LINE, THERMOPLASTIC
RIPTON:
STA 228+54.0 - STA 228+66.0 FIRE HYDRANT, NO PARKING, RT

675.50 REMOVING SIGNS
AS SHOWN - 3



NOTES:

1. SEE SHEET 9 FOR FIRE HYDRANT PAVEMENT MARKING DETAIL.
2. THE CONTRACTOR SHALL REHAB. THE EXISTING DROP INLETS, CATCH BASINS OR MANHOLES TO A DEPTH AS DIRECTED BY THE RESIDENT ENGINEER. ALL REHAB. WORK WILL BE PAID FOR UNDER THE APPLICABLE REHAB. ITEM AS DIRECTED BY THE RESIDENT ENGINEER. ALL EXISTING UTILITIES MARKED "TO REMAIN" SHALL NOT BE ALTERED OR REHABILITATED UNLESS DIRECTED OTHERWISE BY THE RESIDENT ENGINEER.

NOT TO SCALE

604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III (SEE NOTE 2)
RIPTON:
~~STA 223+29.0 RT~~ STA 222+73 RT
STA 223+33 LT
STA 226+06 LT

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
6	3½''	NO	

AREA TO BE RECLAIMED

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

PROJECT LAYOUT SHEET #18

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60118.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 77 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 232+00.00 - STA 245+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

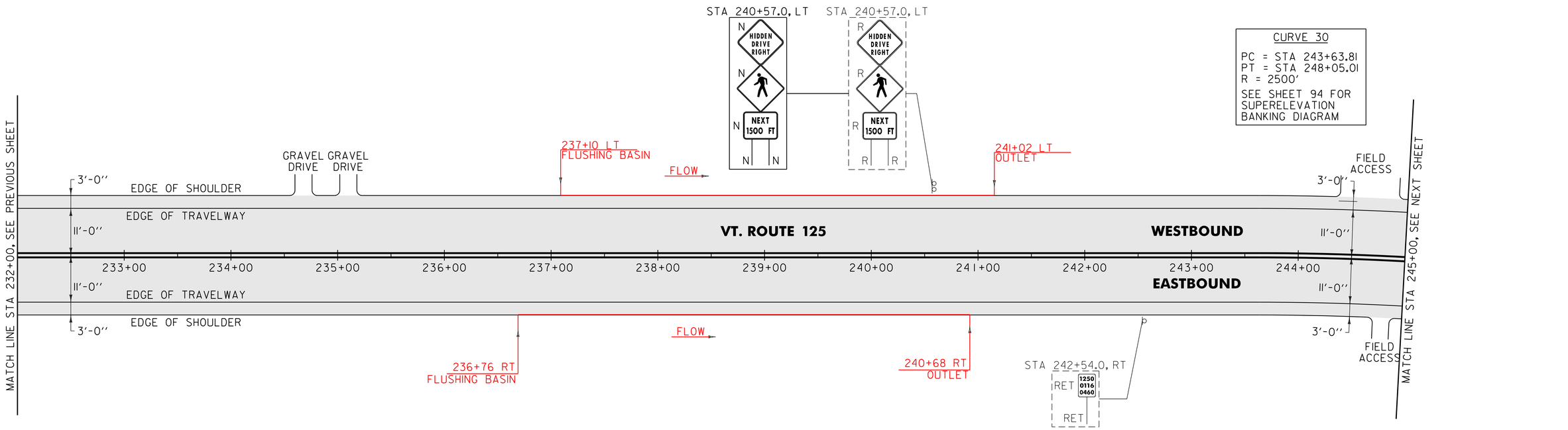
RIPTON:	LT	℄	RT
STA 232+00.00 - STA 245+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 232+00.00 - STA 245+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 232+00.00 - STA 245+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 3



AREA TO BE RECLAIMED

NOT TO SCALE

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

PROJECT LAYOUT SHEET #19

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160119.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 78 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 245+00.00 - STA 258+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 245+00.00 - STA 258+00.00	S	-	S
STA 256+39.68 DOUBLE SOLID RT, TH-21			

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 245+00.00 - STA 258+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 245+00.00 - STA 258+00.00	S	-	S
STA 256+39.68 DOUBLE SOLID RT, TH-21			

646.482 DURABLE 24 INCH STOP BAR, THERMOPLASTIC
RIPTON:
STA 256+39.68 RT, TH-21

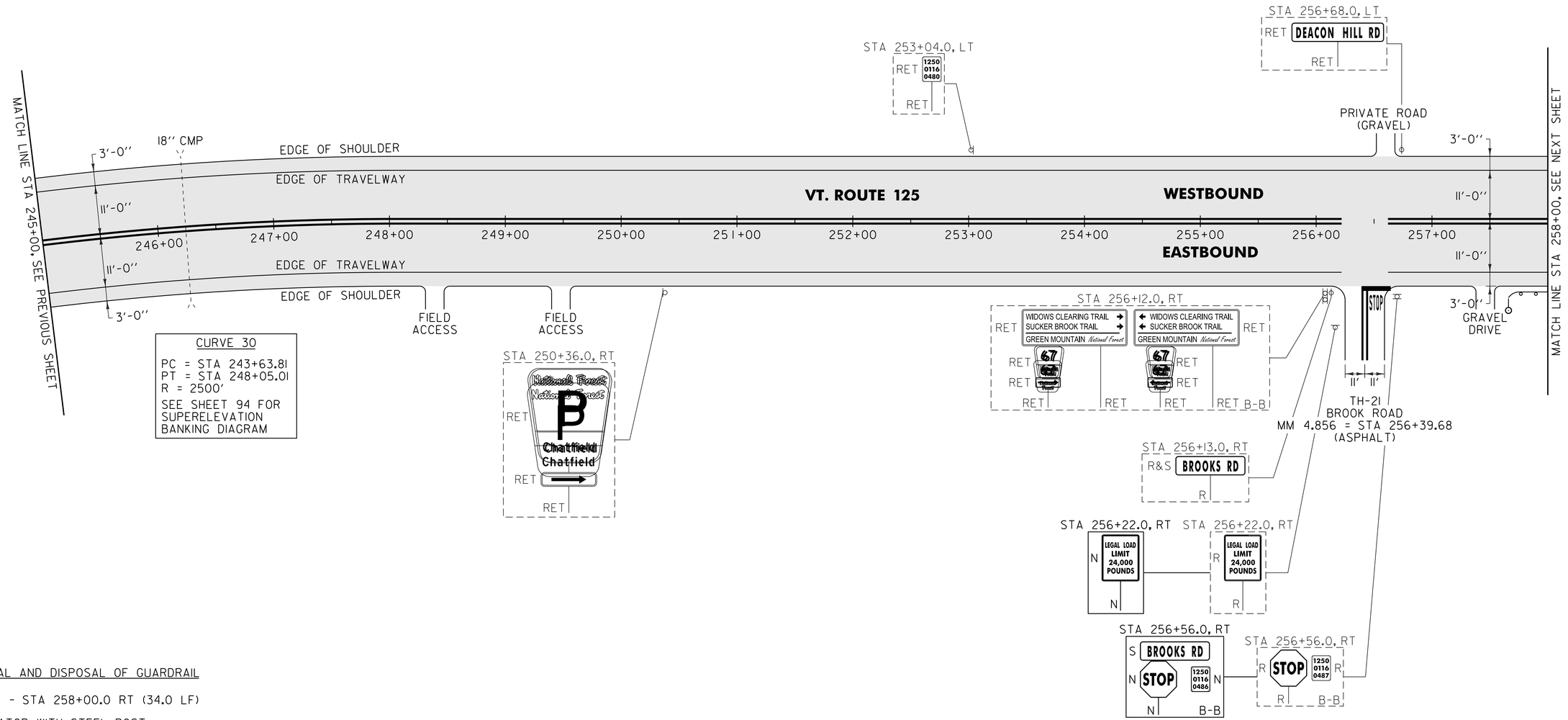
646.492 DURABLE LETTER OR SYMBOL, THERMOPLASTIC
RIPTON:
STA 256+39.68 RT, TH-21 "S,T,0,P" (4 EA)

646.682 TEMPORARY 24 INCH STOP BAR, PAINT
RIPTON:
STA 256+39.68 RT, TH-21

646.692 TEMPORARY LETTER OR SYMBOL, PAINT
RIPTON:
STA 256+39.68 RT, TH-21 "S,T,0,P" (4 EA)

675.50 REMOVING SIGNS
AS SHOWN - 4

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 257+66.0 - STA 258+00.0 RT (34.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 257+62.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, ~~FLARED/WEATHERING~~)
RIPTON:
STA 257+62.0 - STA 257+99.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 257+99.5 - STA 258+00.0 RT (0.5 LF)

NOTE:

1. PAVING LIMIT ON ALL TOWN HIGHWAYS SHALL BE MEASURED 25 FT BACK FROM VT. ROUTE 125 EDGE OF SHOULDER UNLESS DENOTED OTHERWISE ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #20

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60120.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 79 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 258+00.00 - STA 271+00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

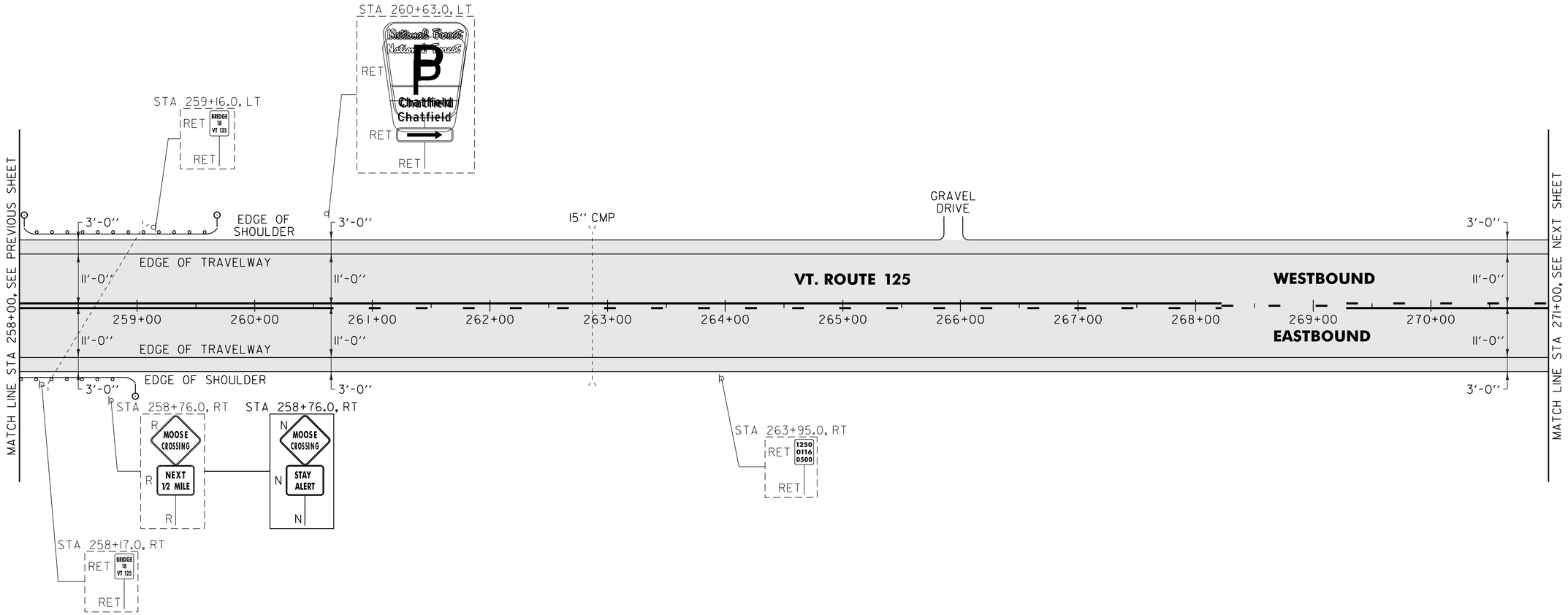
	LT	℄	RT
STA 258+00.00 - STA 260+57.00	S	-	S
STA 260+57.00 - STA 268+22.00	S	-	D
STA 268+22.00 - STA 269+28.00	-	D	-
STA 269+28.00 - STA 271+00.00	D	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 258+00.00 - STA 271+00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 258+00.00 - STA 260+57.00	S	-	S
STA 260+57.00 - STA 268+22.00	S	-	D
STA 268+22.00 - STA 269+28.00	-	D	-
STA 269+28.00 - STA 271+00.00	D	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 258+00.0 - STA 258+96.0 RT (96.0 LF)
STA 258+01.0 - STA 259+68.0 LT (167.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 258+01.0 LT
STA 258+99.5 RT
STA 259+76.0 LT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, ~~FLARED~~/WEATHERING)
RIPTON:
~~STA 258+01.0 - STA 258+38.5 LT~~ TERMINAL SECTION, TANGENT STA 258+01.0 TO STA 258+38.5 LT
STA 258+62.0 - STA 258+99.5 RT
STA 259+38.5 - STA 259+76.0 LT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 258+00.0 - STA 258+62.0 RT (62.0 LF)
STA 258+38.5 - STA 259+38.5 LT (100.0 LF)

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #21

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60121.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 80 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 271+00.00 - STA 285+50.00 EDGE LINE LT & RT

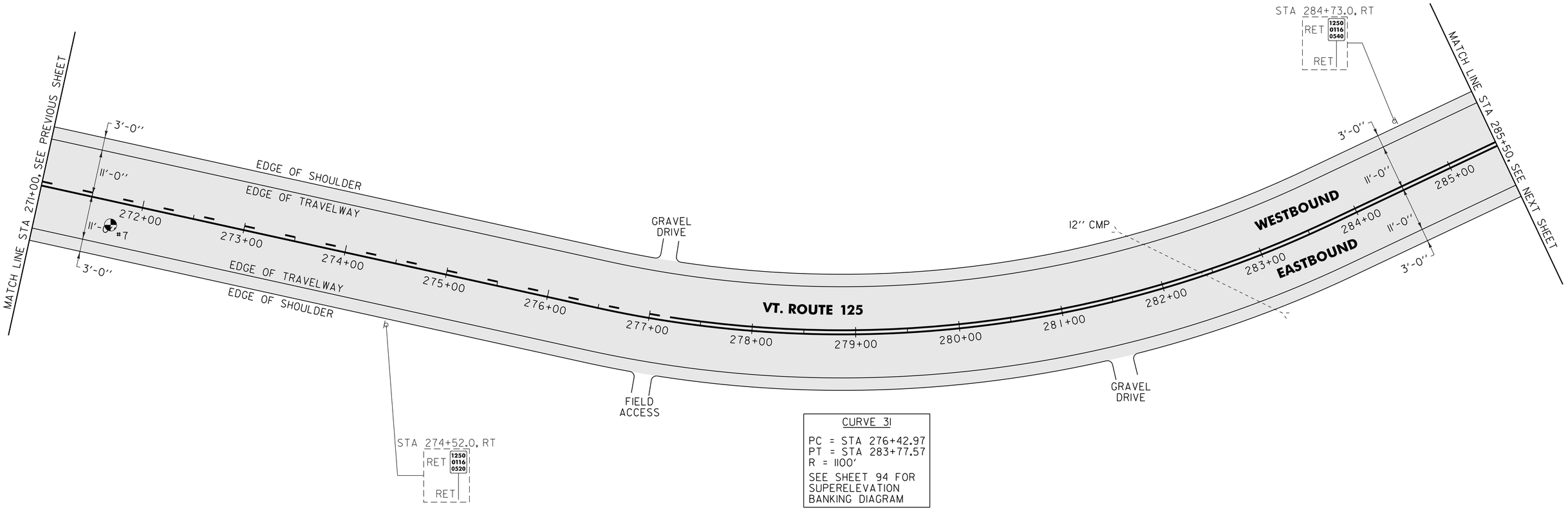
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 271+00.00 - STA 277+20.00	D	-	S
STA 277+20.00 - STA 285+50.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 271+00.00 - STA 285+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 271+00.00 - STA 277+20.00	D	-	S
STA 277+20.00 - STA 285+50.00	S	-	S



CURVE 31

PC = STA 276+42.97
PT = STA 283+77.57
R = 1100'

SEE SHEET 94 FOR SUPERELEVATION BANKING DIAGRAM

PAVEMENT CORES = ⊕

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
7	6"	NO	

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #22

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60122.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 81 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 285+50.00 - STA 299+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

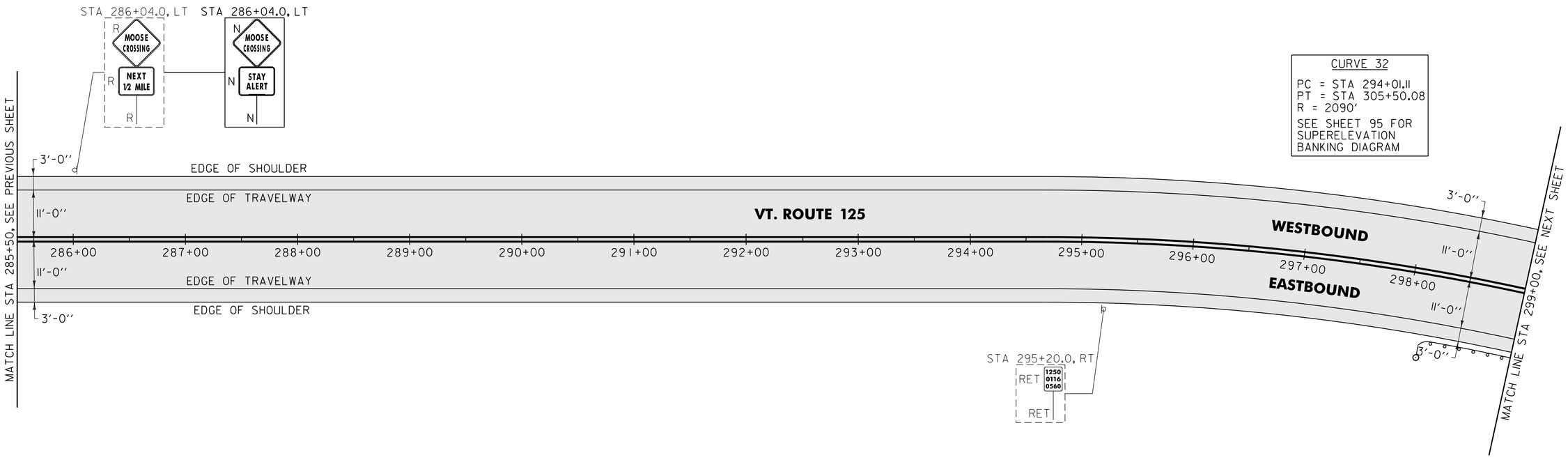
	LT	℄	RT
STA 285+50.00 - STA 299+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 285+50.00 - STA 299+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
RIPTON:

	LT	℄	RT
STA 285+50.00 - STA 299+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 2



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 298+14.0 - STA 299+00.0 RT (86.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 298+11.5 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
RIPTON:
STA 298+11.5 - STA 298+49.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 298+49.0 - STA 299+00.0 RT (51.0 LF)

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #23

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60123.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 299+00.00 - STA 305+50.08 EDGE LINE LT & RT

HANCOCK:
STA 0+00.00 - STA 6+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 299+00.00 - STA 305+50.08	S	-	S
HANCOCK:			
STA 0+00.00 - STA 6+00.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
RIPTON:
STA 299+00.00 - STA 305+50.08 EDGE LINE LT & RT

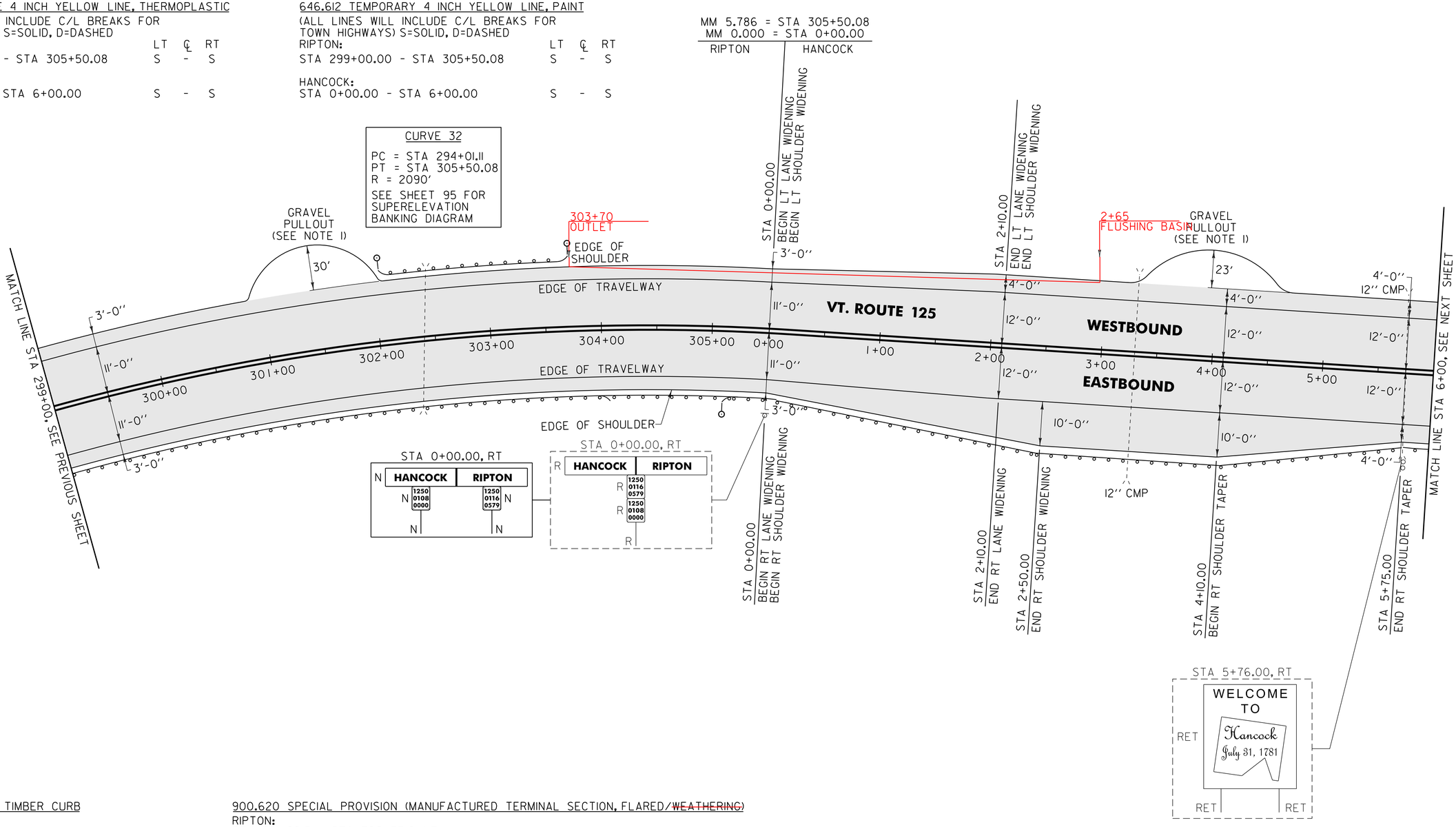
HANCOCK:
STA 0+00.00 - STA 6+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

RIPTON:	LT	℄	RT
STA 299+00.00 - STA 305+50.08	S	-	S
HANCOCK:			
STA 0+00.00 - STA 6+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 3

CURVE 32
PC = STA 294+01.11
PT = STA 305+50.08
R = 2090'
SEE SHEET 95 FOR SUPERELEVATION BANKING DIAGRAM



616.35 TREATED TIMBER CURB
RIPTON:
STA 299+20.0 - STA 300+60.0 RT (140.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
RIPTON:
STA 299+00.0 - STA 303+97.0 RT (397.0 LF)
STA 302+04.0 - STA 303+70.0 LT (166.0 LF)
STA 305+10.1 - STA 305+50.1 RT (40.0 LF)

HANCOCK:
STA 0+00.0 - STA 6+00.0 RT (600.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
RIPTON:
STA 301+99.5 LT
STA 303+74.5 LT
STA 305+05.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/~~WEATHERING~~)
RIPTON:
STA 301+99.5 - STA 302+37.0 LT
STA 303+37.0 - STA 303+74.5 LT
~~STA 305+05.0 - STA 305+42.5 RT~~

~~900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, TANGENT/WEATHERING)~~
~~RIPTON:~~
~~STA 303+49.0 - STA 303+99.0 RT~~

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
RIPTON:
STA 299+00.0 - STA 303+49.0 RT (449.0 LF)
STA 302+37.0 - STA 303+37.0 LT (100.0 LF)
STA 305+42.5 - STA 305+50.1 RT (7.6 LF)

HANCOCK:
STA 0+00.0 - STA 6+00.0 RT (600.0 LF)

NOTE:
1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

NOT TO SCALE

AREA TO BE RECLAIMED

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

PROJECT LAYOUT SHEET #24

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60I24.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 83 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 6+00.00 - STA 20+00.00 EDGE LINE LT & RT

646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
HANCOCK:

	LT	℄	RT
STA 6+00.00 - STA 20+00.00	S	-	S

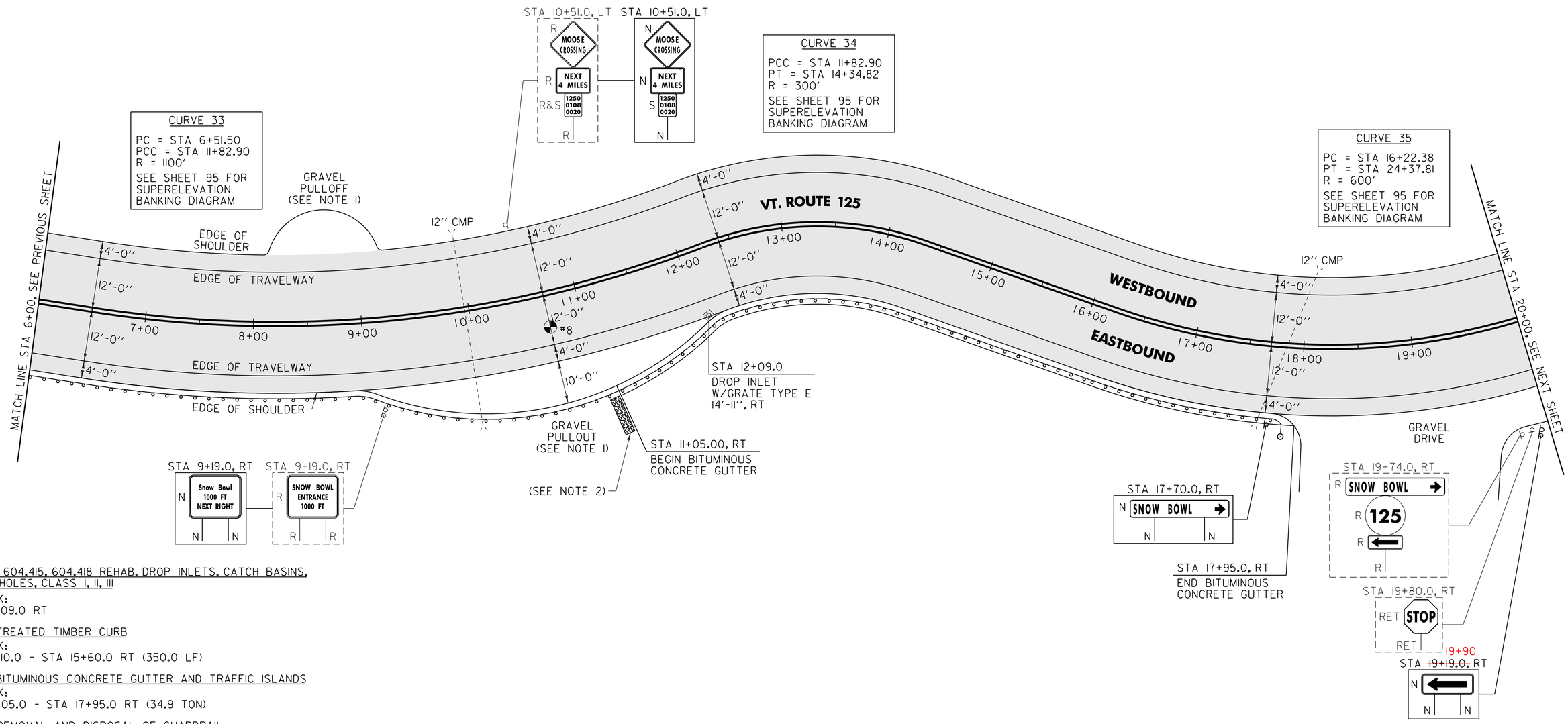
646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 6+00.00 - STA 20+00.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED
HANCOCK:

	LT	℄	RT
STA 6+00.00 - STA 20+00.00	S	-	S

675.50 REMOVING SIGNS
AS SHOWN - 7

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



604.412, 604.415, 604.418 REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, II, III
HANCOCK:
STA 12+09.0 RT

616.35 TREATED TIMBER CURB
HANCOCK:
STA 12+10.0 - STA 15+60.0 RT (350.0 LF)

616.47 BITUMINOUS CONCRETE GUTTER AND TRAFFIC ISLANDS
HANCOCK:
STA 10+05.0 - STA 17+95.0 RT (34.9 TON)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
HANCOCK:
STA 6+00.0 - STA 17+84.0 RT (1184.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
HANCOCK:
STA 17+79.9 RT

613.10 STONE FILL, TYPE I
HANCOCK:
STA 11+05.0 RT (2.5 CY)

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
HANCOCK:
STA 17+42.4 - STA 17+79.9 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
HANCOCK:
STA 6+00.0 - STA 17+42.4 RT (1142.4 LF)

NOTES:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1 1/2 " TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.
2. ITEM 631.10 STONE FILL, TYPE I SHALL BE PLACED ALONG THE EXISTING SIDE SLOPE AS DIRECTED BY THE RESIDENT ENGINEER.

PAVEMENT CORES = ◔

#	TOTAL DEPTH (INCH)	PCC	COMMENTS
8	3 1/2"	NO	

AREA TO BE RECLAIMED

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

NOT TO SCALE

PROJECT LAYOUT SHEET #25

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08c160.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08c160125.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 20+00.00 - STA 32+50.00 EDGE LINE LT & RT

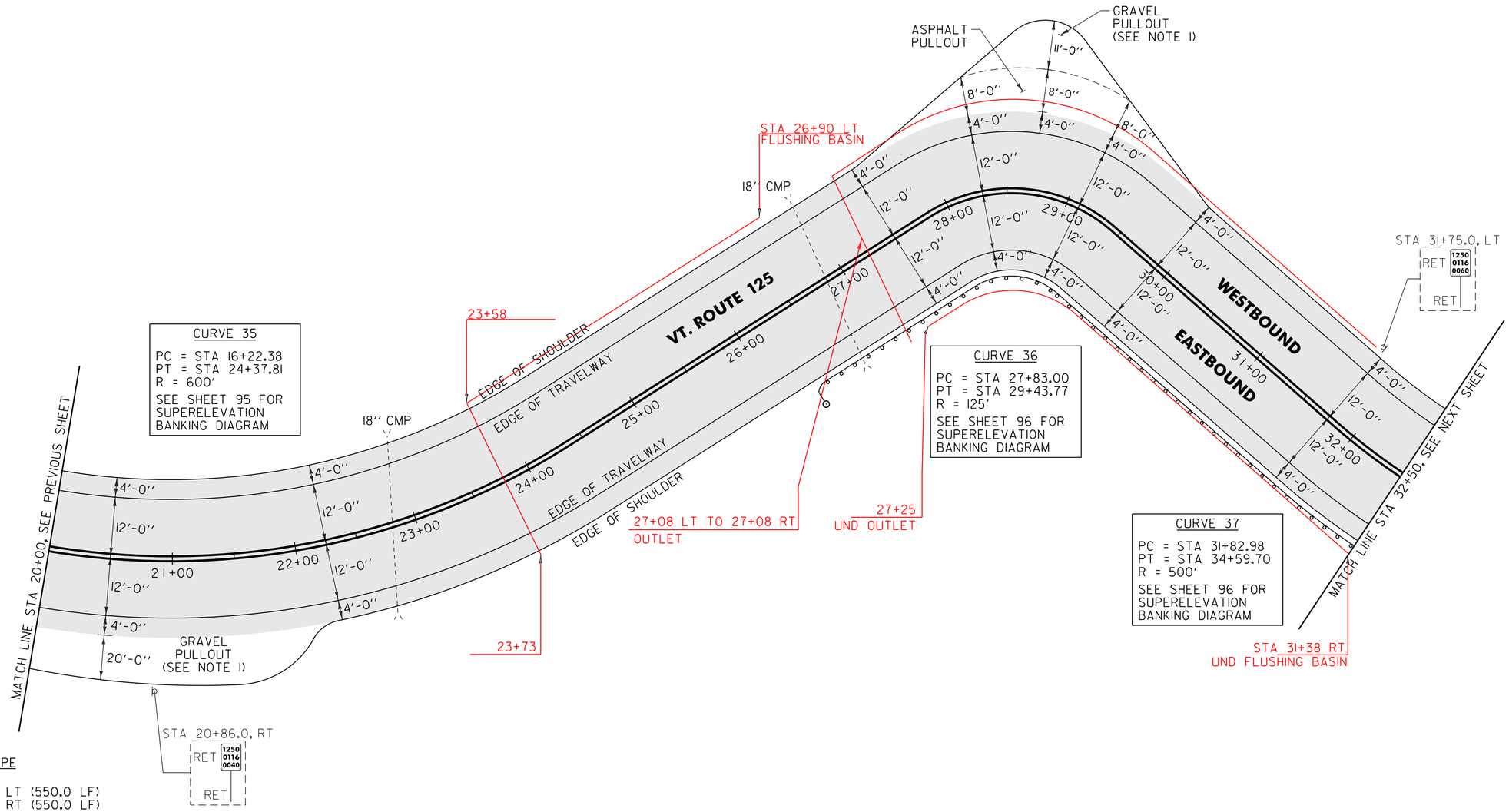
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:	LT	℄	RT
STA 20+00.00 - STA 32+50.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 20+00.00 - STA 32+50.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:	LT	℄	RT
STA 20+00.00 - STA 32+50.00	S	-	S



605.10 6 INCH UNDERDRAIN PIPE
HANCOCK:
STA 26+00.0 - STA 31+50.0 LT (550.0 LF)
STA 26+00.0 - STA 31+50.0 RT (550.0 LF)

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
HANCOCK:
STA 26+31.0 STA 32+50.0 RT (619.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
HANCOCK:
STA 26+31.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
HANCOCK:
STA 26+31.0 - STA 26+68.5 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
HANCOCK:
STA 26+68.5 - STA 32+50.0 RT (581.5 LF)

NOTE:

1. PAVE THE ENTIRE EXISTING GRAVEL PULLOUT WITH 1½" TYPE IVS. ANY REQUIRED EXCAVATION SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #26

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60126.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 85 OF 114

646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 32+50.00 - STA 39+60.00 EDGE LINE LT & RT

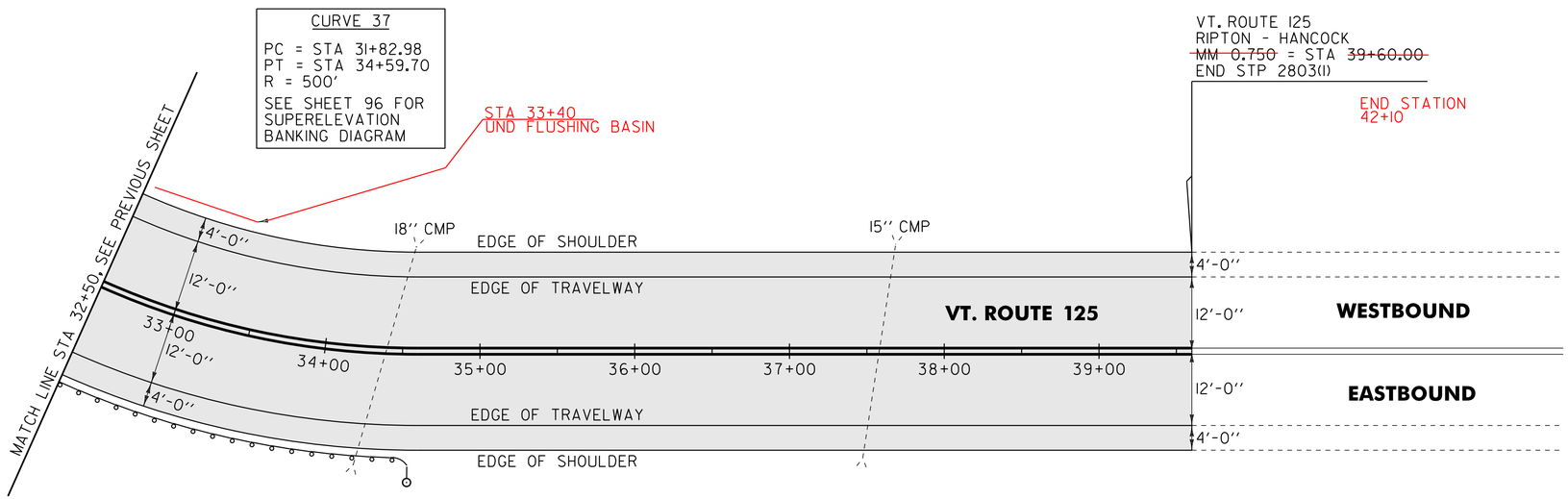
646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:	LT	℄	RT
STA 32+50.00 - STA 39+60.00	S	-	S

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADIUS FOR TOWN HIGHWAYS)
HANCOCK:
STA 32+50.00 - STA 39+60.00 EDGE LINE LT & RT

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE C/L BREAKS FOR TOWN HIGHWAYS) S=SOLID, D=DASHED

HANCOCK:	LT	℄	RT
STA 32+50.00 - STA 39+60.00	S	-	S



621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
HANCOCK:
STA 32+50.0 - STA 34+54.0 RT (204.0 LF)

676.10 DELINEATOR WITH STEEL POST
TYPE I WHITE
HANCOCK:
STA 34+56.0 RT

900.620 SPECIAL PROVISION (MANUFACTURED TERMINAL SECTION, FLARED/WEATHERING)
HANCOCK:
STA 34+18.5 - STA 34+56.0 RT

900.640 SPECIAL PROVISION (STEEL BEAM GUARDRAIL, WEATHERING)
HANCOCK:
STA 32+50.0 - STA 34+18.5 RT (168.5 LF)

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

AREA TO BE RECLAIMED

NOT TO SCALE

PROJECT LAYOUT SHEET #27

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60l27.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 86 OF 114

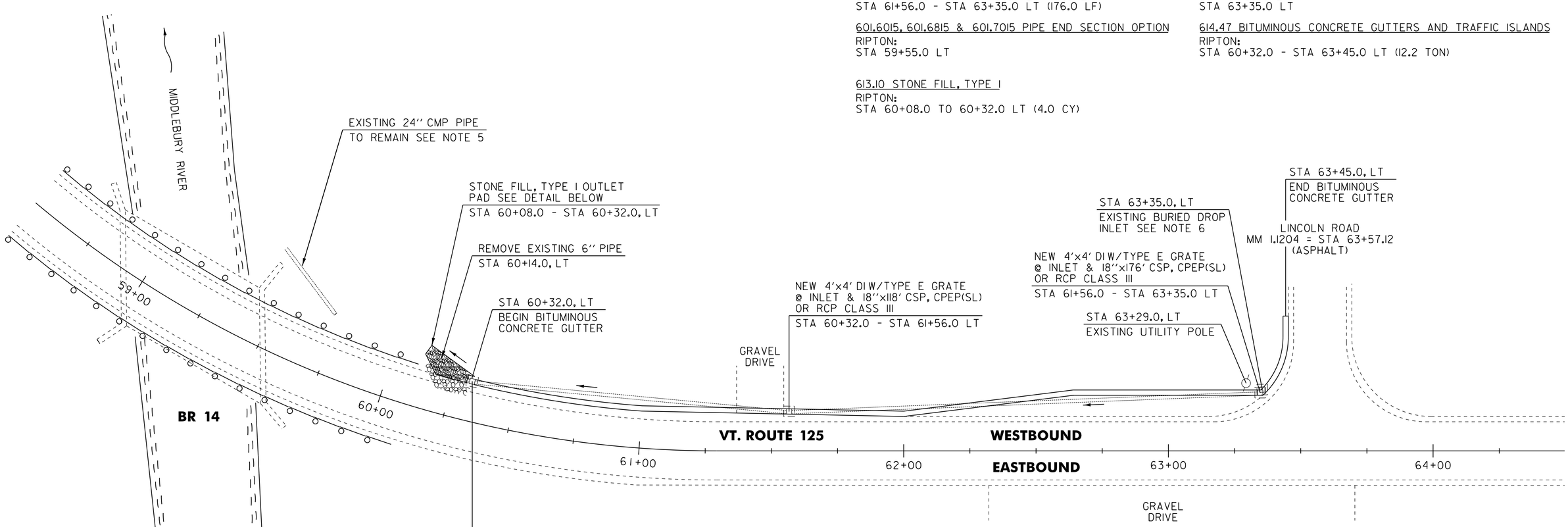
601.0015, 601.0815 & 601.2615 PIPE OPTIONS
RIPTON:
STA 59+82.0 - STA 60+32.0 LT (50.0 LF)
STA 60+32.0 - STA 61+56.0 LT (118.0 LF)
STA 61+56.0 - STA 63+35.0 LT (176.0 LF)

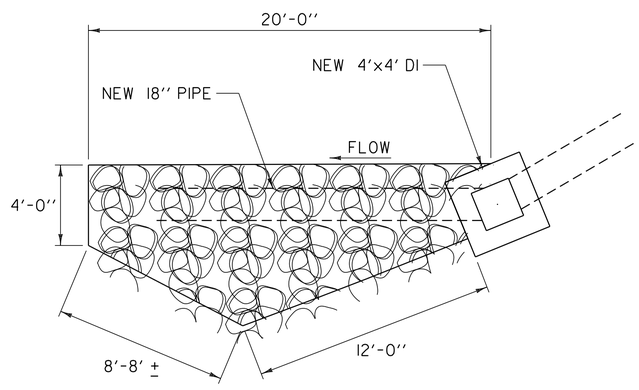
601.6015, 601.6815 & 601.7015 PIPE END SECTION OPTION
RIPTON:
STA 59+55.0 LT

613.10 STONE FILL, TYPE I
RIPTON:
STA 60+08.0 TO 60+32.0 LT (4.0 CY)

604.18 PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE
RIPTON:
STA 60+32.0 LT
STA 61+56.0 LT
STA 63+35.0 LT

614.47 BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
RIPTON:
STA 60+32.0 - STA 63+45.0 LT (12.2 TON)





TYPE I STONE OUTLET PAD

NOTES:

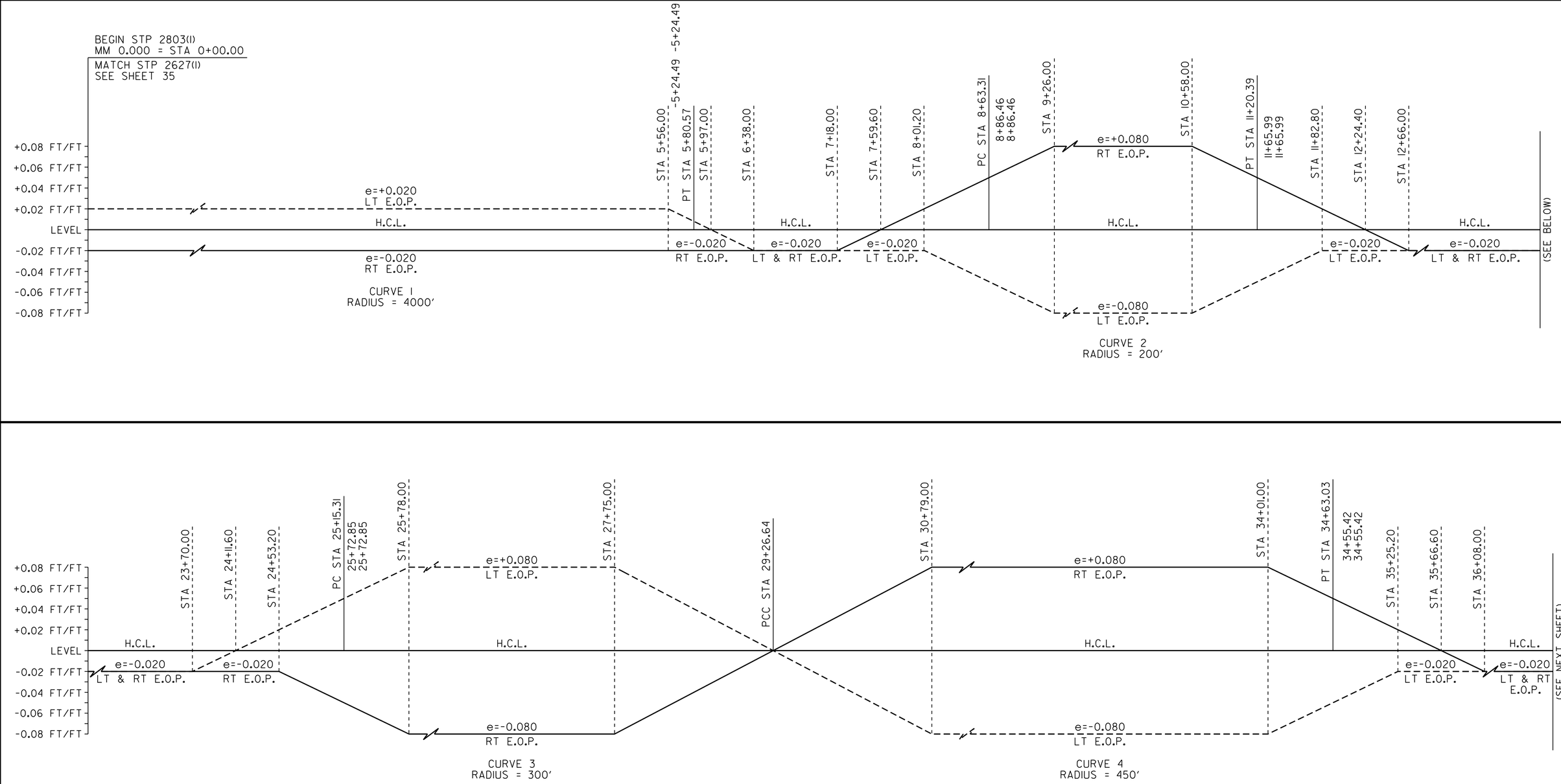
1. THE CONTRACTOR SHALL COMPLETE THE PROPOSED DRAINAGE WORK PRIOR TO THE PAVING WORK IN THIS AREA AS DIRECTED BY THE RESIDENT ENGINEER.
2. THIS PLAN WAS PREPARED USING LIMITED SURVEY DATA AND VISUAL OBSERVATIONS. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING SITE CONDITIONS PRIOR TO ORDERING MATERIALS AS DIRECTED BY THE RESIDENT ENGINEER.
3. ALL NEW PIPES SHALL HAVE A MINIMUM COVER OF 3' TO THE TOP OF PIPE UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
4. ALL NEW 4' X 4' DROP INLETS SHALL BE MANUFACTURED IN ACCORDANCE WITH STANDARD SHEET D-6 FOR THE APPROPRIATE PIPE DEPTHS.
5. THE EXISTING 24'' CMP HAS AN UNKNOWN INLET POINT. THE CONTRACTOR SHALL PROTECT AND MAINTAIN THIS PIPE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT AS DIRECTED BY THE RESIDENT ENGINEER. IF THE PIPE IS DAMAGED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL REPAIR THE PIPE AT THEIR OWN COST AS DIRECTED BY THE RESIDENT ENGINEER.
6. THE CONTRACTOR SHALL REMOVE OR ABANDON THE EXISTING BURIED DI AND ANY ASSOCIATED PIPES THAT ARE NO LONGER BEING UTILIZED AS DIRECTED BY THE RESIDENT ENGINEER. EXISTING PIPES THAT GO UNDER THE ROADWAY SHALL BE FILLED WITH ITEM 900.608 (SPECIAL PROVISION (CONTROLLED DENSITY (FLOWABLE) FILL) AS DIRECTED BY THE RESIDENT ENGINEER. SEE SHEET 114 FOR PIPE ABANDONMENT AND DRAINAGE STRUCTURE ABANDONMENT DETAILS.
7. STONE FILL, TYPE I SHALL BE USED AS DIRECTED BY THE RESIDENT ENGINEER AND SHALL BE PAID FOR UNDER ITEM 613.10 STONE FILL, TYPE I.

NOT TO SCALE

DRAINAGE PLAN

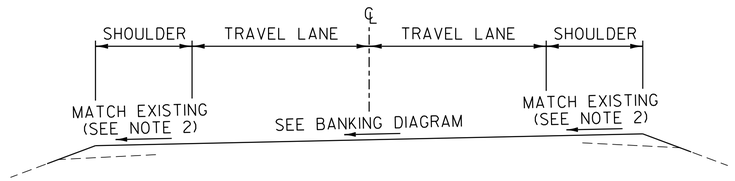
PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl610dp.i
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 87 OF 114



SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



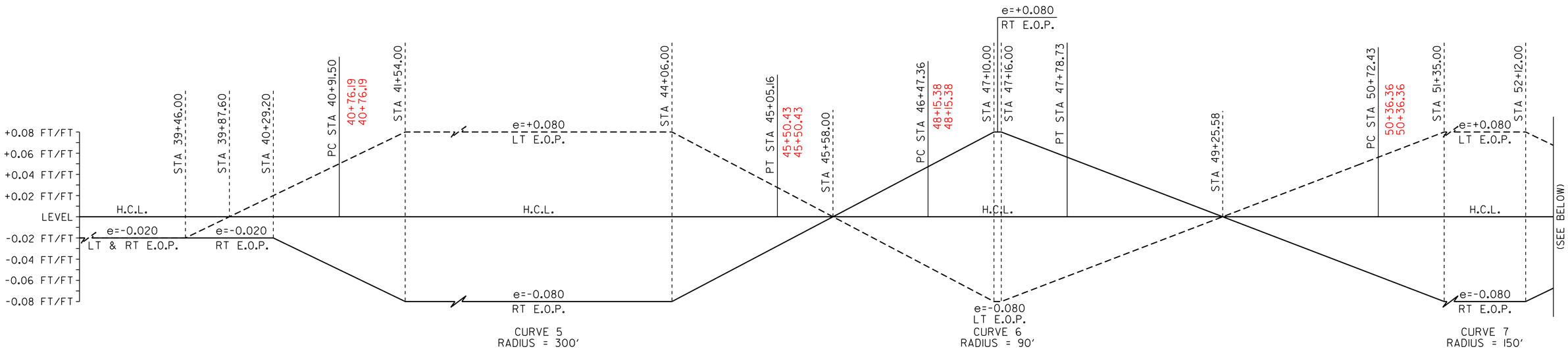
SUPERELEVATION BANKING DIAGRAMS SHEET #1

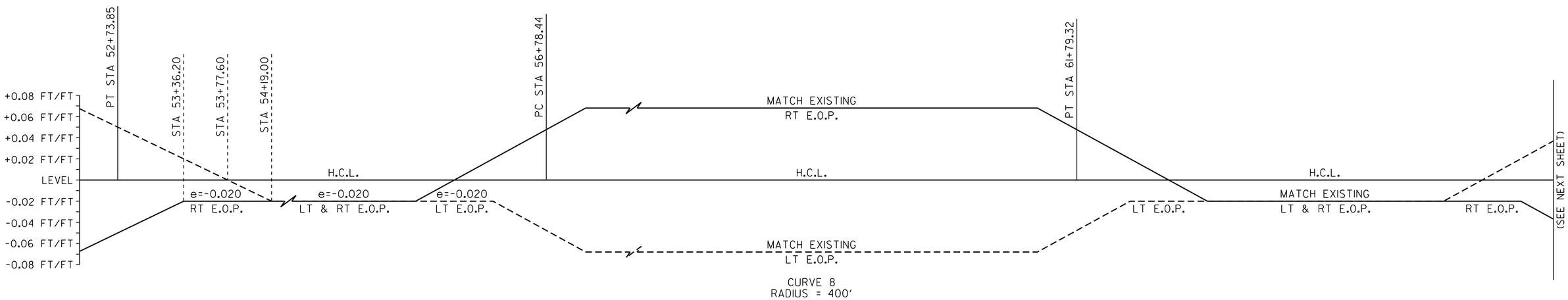
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbdl.i

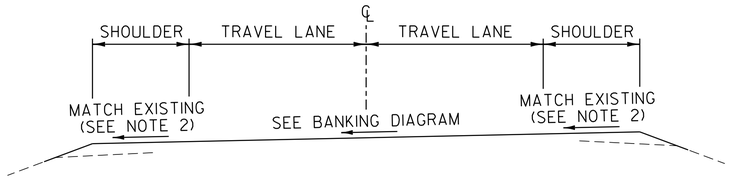
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



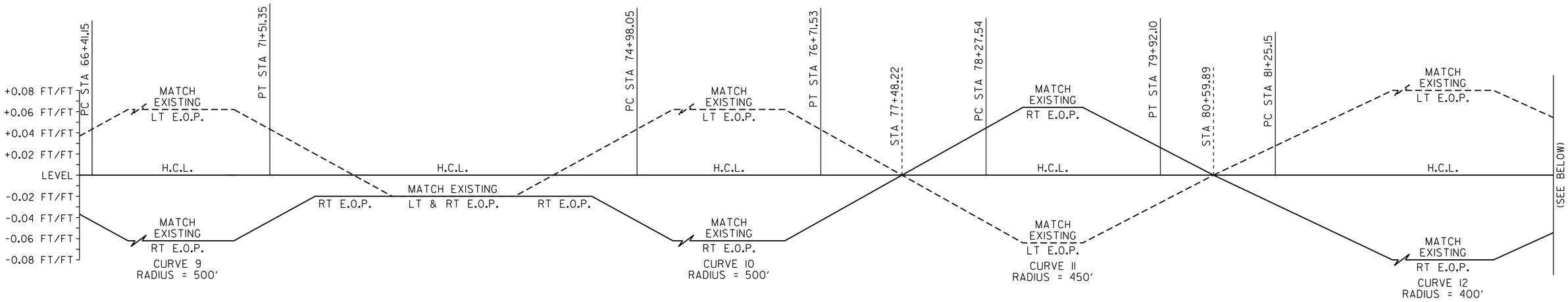
SUPERELEVATION BANKING DIAGRAMS SHEET #2

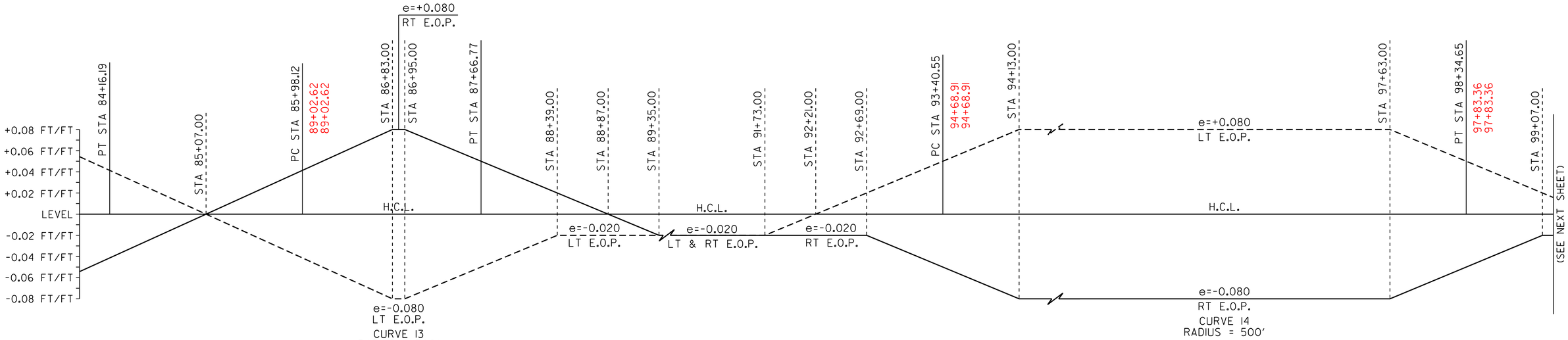
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd2.i

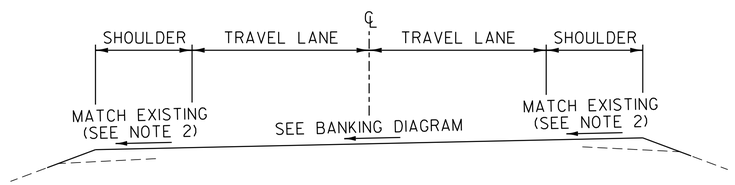
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



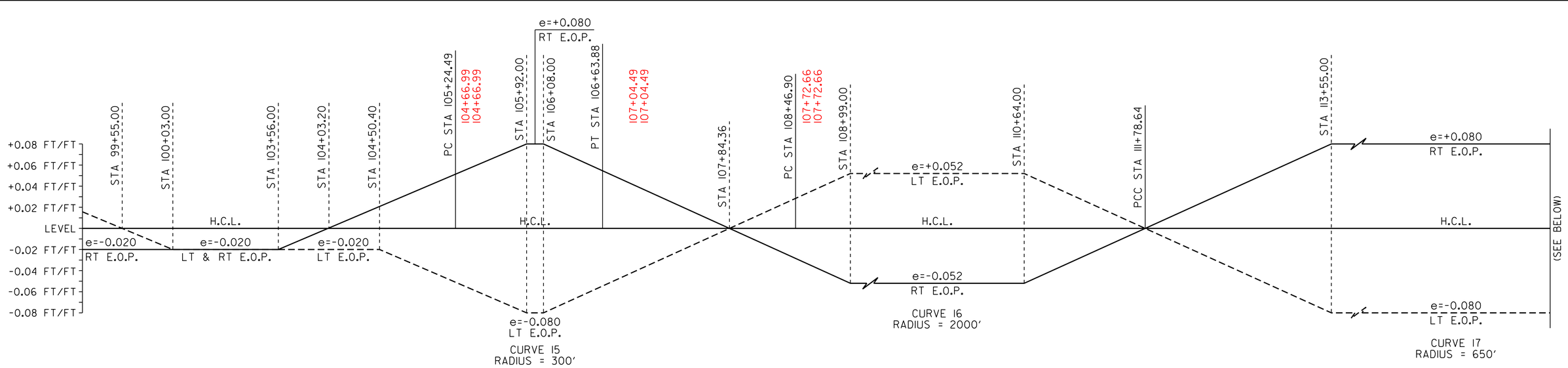
SUPERELEVATION BANKING DIAGRAMS SHEET #3

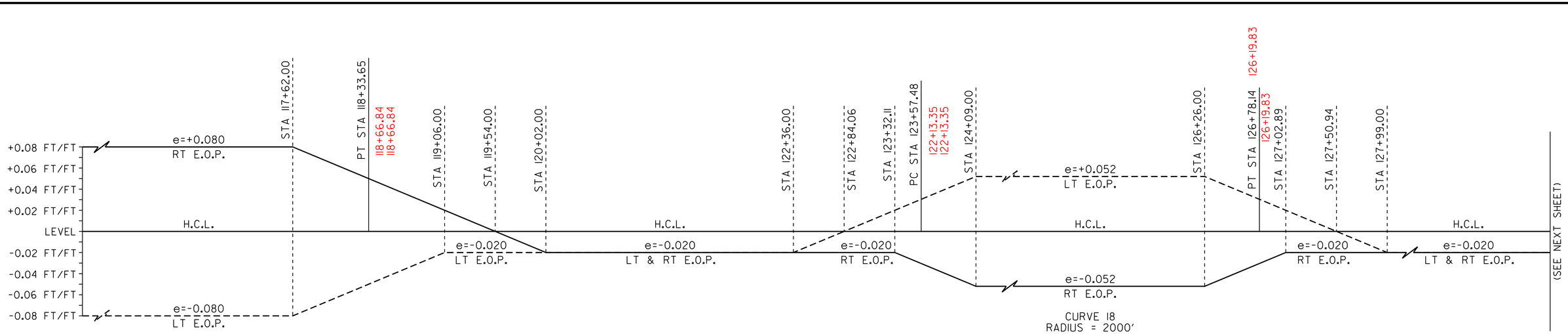
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd3.i

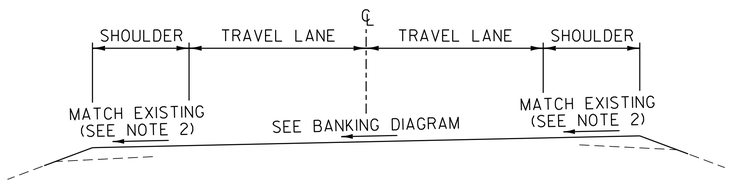
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 90 OF 114





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



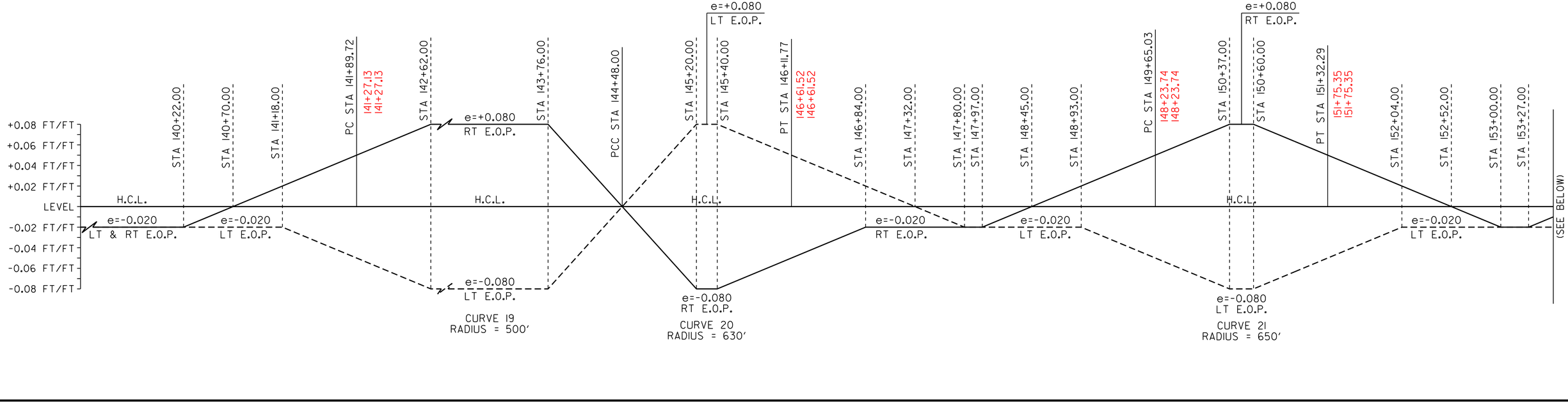
SUPERELEVATION BANKING DIAGRAMS SHEET #4

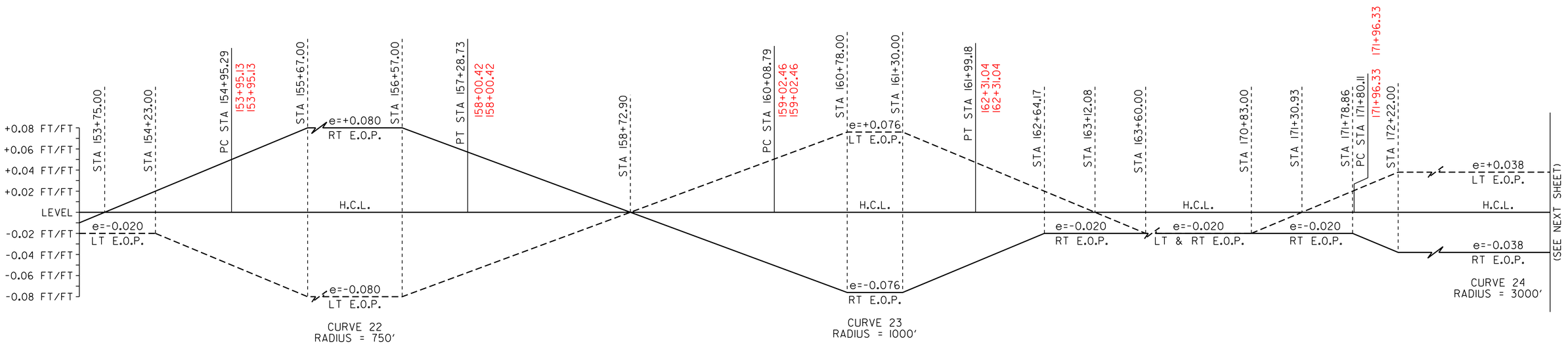
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd4.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 91 OF 114



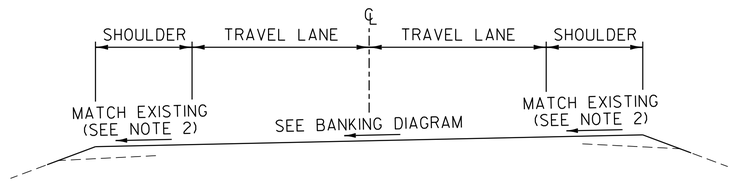


SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



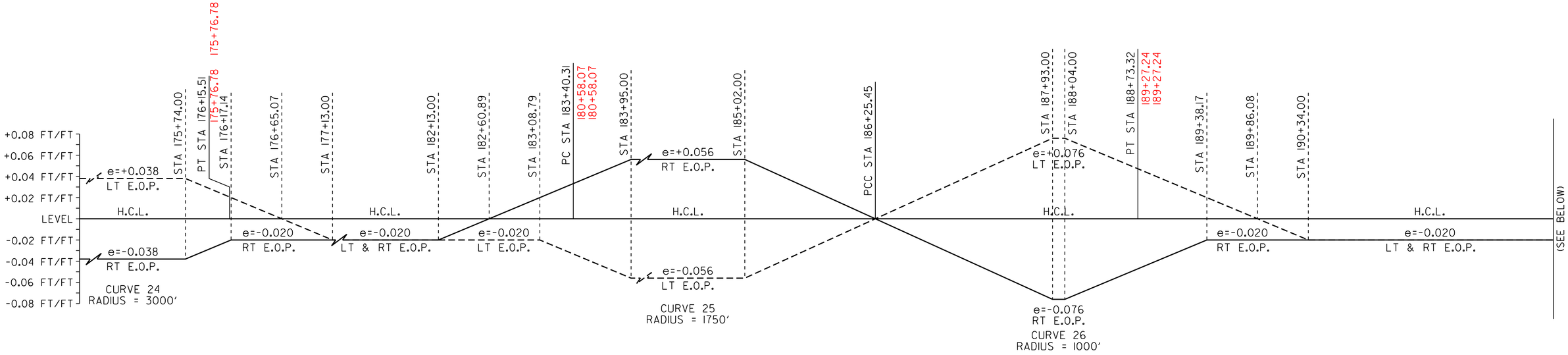
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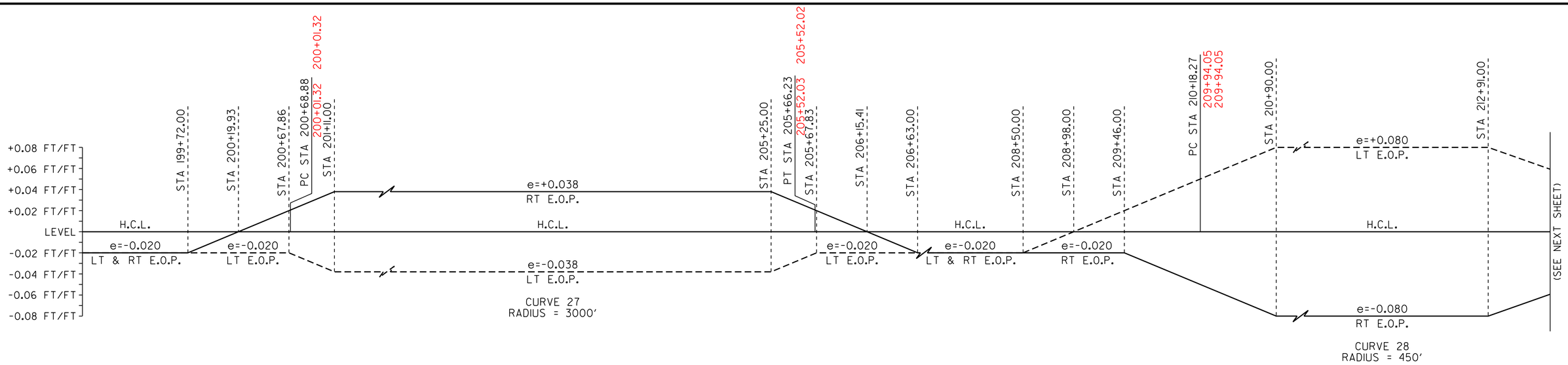
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd5.i

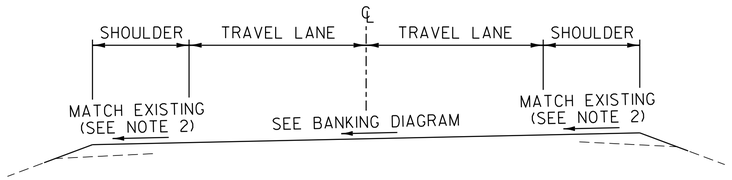
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



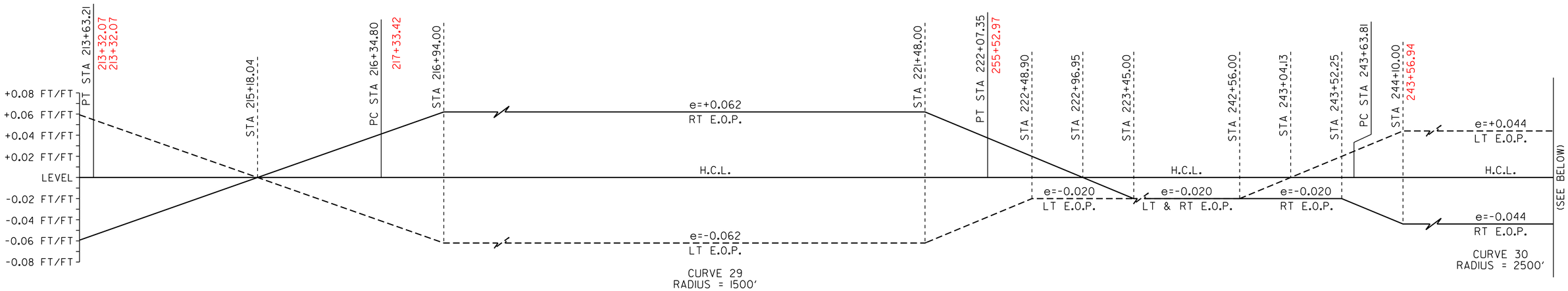
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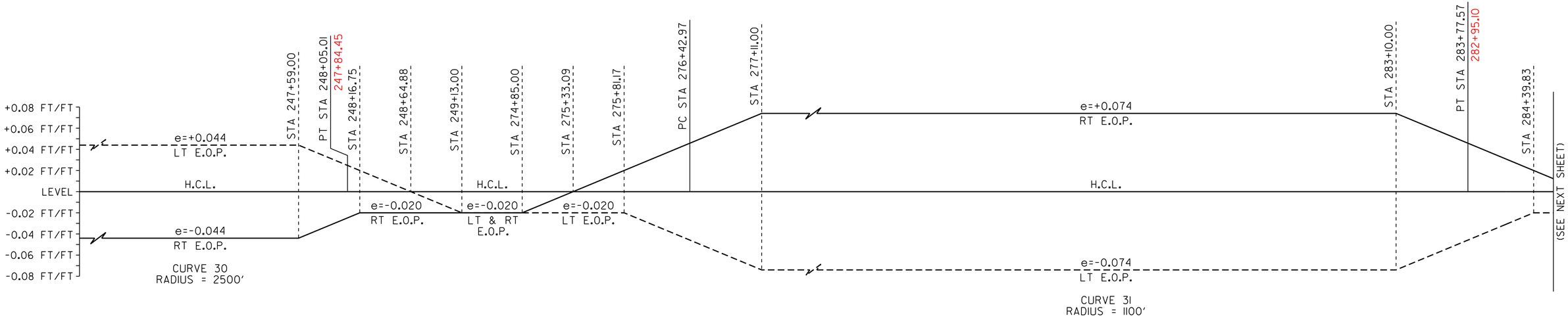
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd6.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.



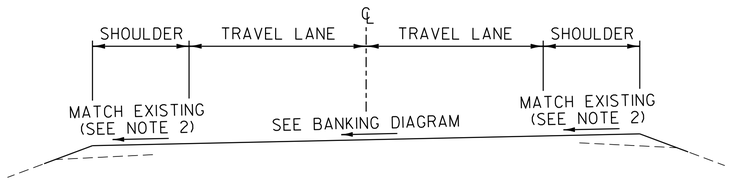


SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.

2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.

3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



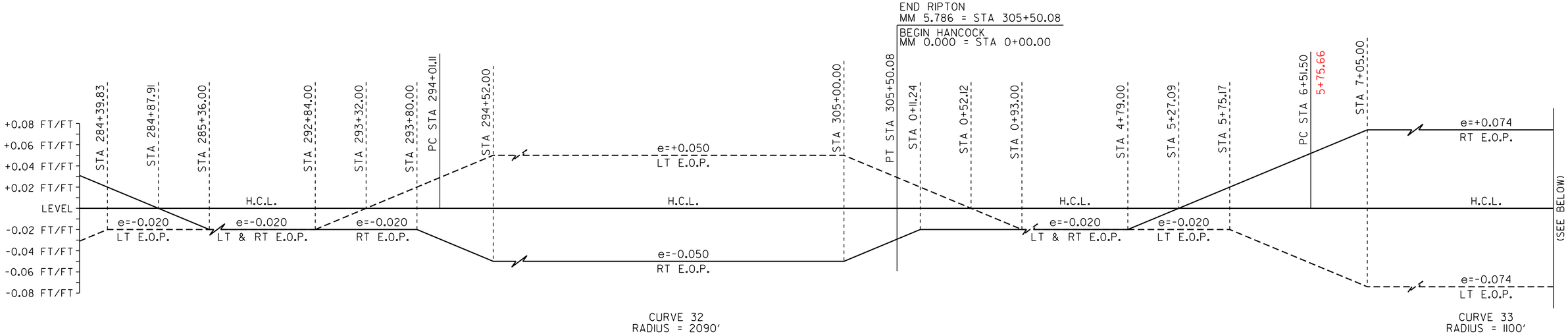
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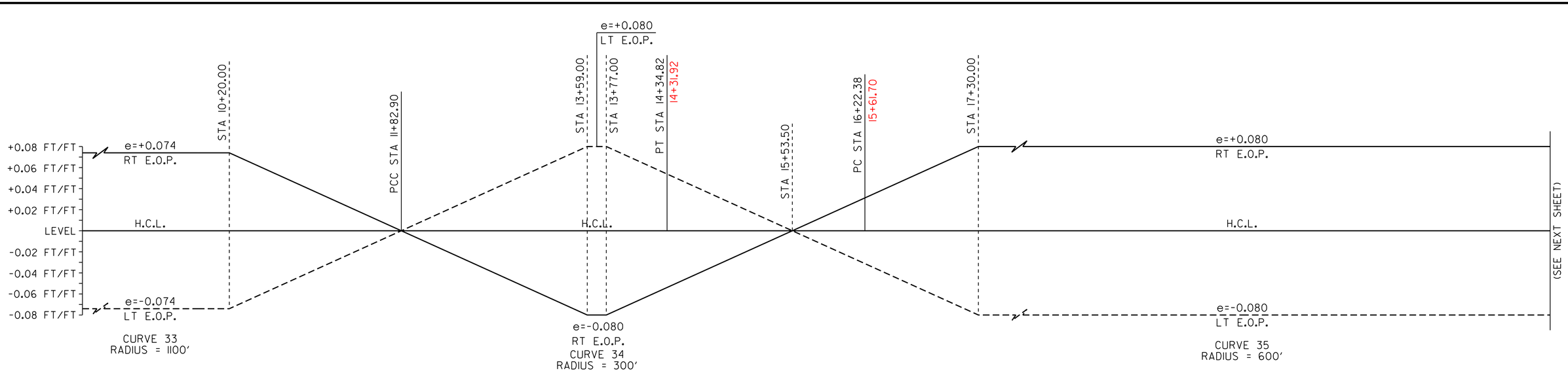
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd7.i

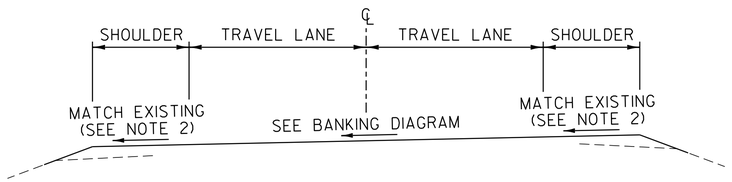
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



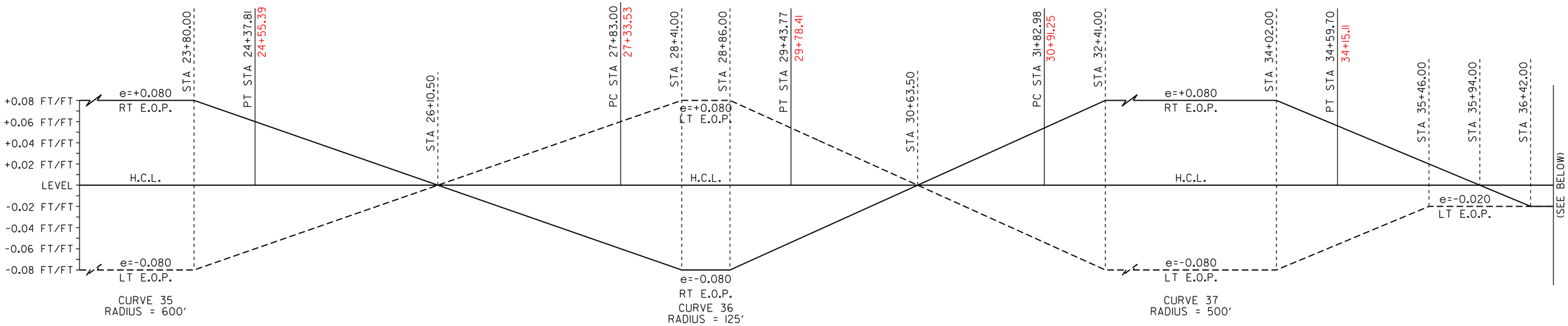
SUPERELEVATION BANKING DIAGRAMS SHEET #8

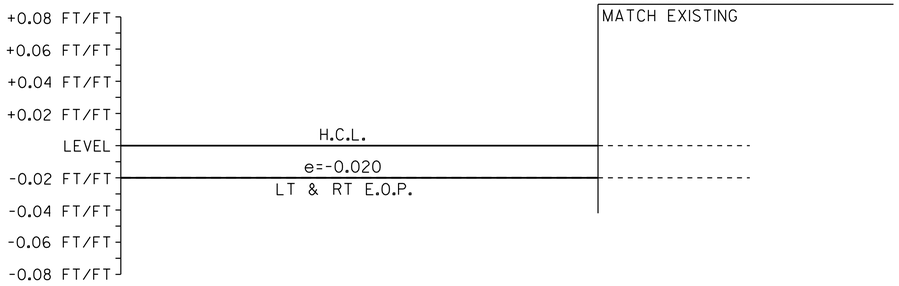
PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd8.i

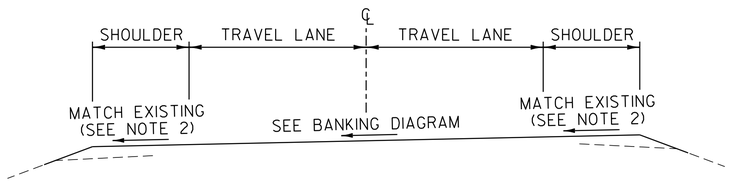
PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.





SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE ON BOTH THE OUTSIDE (HIGH SIDE) AND THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL MATCH THE ADJACENT TRAVEL LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08.



SUPERELEVATION BANKING DIAGRAMS SHEET #9

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60sbd9.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON: 0+00.0, RT	RIPTON / MIDDLEBURY	1	72	10	5.00						2					X		X																113	
	1250 0116 0000 / 1250 0111 0417	1 1	6 6	10 10	0.42 0.42																											SIGN ID CODE VD-700 SIGN ID CODE VD-700		E-138 E-138
6+50.0, LT	←						1				1					X		X																-	-
	20 M.P.H.						1																											-	-
6+50.0, RT	←						1				1					X		X																-	-
	20 M.P.H.						1																											-	-
9+13.0, RT	→	1	48	24	8.00						2					X		X																SIGN ID CODE WI-6L		SHS
9+64.0, RT	→	1	48	24	8.00						2					X		X																SIGN ID CODE WI-6L		SHS
10+62.0, RT	→	1	48	24	8.00						2					X		X																SIGN ID CODE WI-6R		SHS
12+07.0, RT	SPEED LIMIT 40	1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		SHS
	1250 0116 0023	1	6	10	0.42																													SIGN ID CODE VD-700		E-138
												LF	LF	LF	LF	LF 154	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 35.26	SF	EA. 4	SF		LF		LF 154			LB			EA.	LB				EA.	EA.	LB													

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss01.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 97 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON:																																				
13+00.0, LT		1	30	30	6.25						1					X		X																SIGN ID CODE WI-1R		SHS
		1	18	18	2.25																													SIGN ID CODE WI3-1		SHS
15+57.0, RT		1	30	30	6.25						2					X		X																SIGN ID CODE WI-5L		SHS
		1	24	18	3.00																													SIGN ID CODE W7-3a		SHS
		1	18	18	2.25																													SIGN ID CODE WI3-1		SHS
24+00.0, LT		1	24	30	5.00						1					X		X																SIGN ID CODE R2-1		SHS
25+52.0, LT		1 1	18 18	24 24	3.00 3.00						2					X		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
26+26.0, LT		1 1	18 18	24 24	3.00 3.00						2					X		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
26+75.0, LT		1 1	18 18	24 24	3.00 3.00						2					X		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
TOTALS		SF 43.00	SF	EA.	SF		LF					LF	LF	LF	LF	LF 140	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss02.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 98 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON:																																			
27+22.0, LT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8L		SHS
27+72.0, LT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8L		SHS
28+26.0, LT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8L		SHS
30+46.0, RT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8L		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8R		SHS
31+13.0, RT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8L		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8R		SHS
31+82.0, RT		I	18	24	3.00						2					X		X															SIGN ID CODE WI-8L		SHS
		I	18	24	3.00																											SIGN ID CODE WI-8R		SHS
36+81.0, LT		I	30	30	6.25						1					X		X															SIGN ID CODE WI-5L		SHS
		I	18	18	2.25																											SIGN ID CODE WI3-1		SHS
38+00.0, RT		I	30	30	6.25						1					X		X															SIGN ID CODE WI-5L		SHS
		I	18	18	2.25																											SIGN ID CODE WI3-1		SHS
												LF	LF	LF	LF	LF 196	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 53.00	SF	EA.	SF							LF			LF 196					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT NAME: RIPTON - HANCOCK

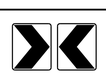
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss03.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 99 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 4

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD SIGNS BOOK)	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RIPTON:																																			
40+42.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
41+20.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
41+92.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
42+11.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
		1	6	10	0.42																											SIGN ID CODE VD-700		E-138
43+42.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
44+28.0, LT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
46+44.0, RT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8L		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8R		SHS
47+02.0, RT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8L		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8R		SHS
TOTALS					SF 48.42	SF	EA.	SF				LF	LF	LF	LF	LF 224	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #4

PROJECT NAME: RIPTON - HANCOCK

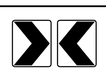
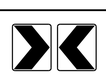
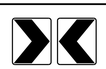
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss04.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 100 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	SQUARE STEEL (in) lb/ft 2.0 2.42	SQUARE STEEL (in) lb/ft 2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 1.7	TUBULAR ALUMINUM Ø (in) lb/ft 4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) lb/ft 3.0 7.6	TUBULAR STEEL Ø (in) lb/ft 3.5 9.0	TUBULAR STEEL Ø (in) lb/ft 4.0 10.8	TUBULAR STEEL Ø (in) lb/ft 5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RIPTON:																																		
47+68.0, RT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8L		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8R		SHS
48+37.0, RT		I	36	36	9.00						2					X		X														SIGN ID CODE W3-5		SHS
50+12.0, LT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8L		SHS
50+66.0, LT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8L		SHS
51+27.0, LT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8L		SHS
51+75.0, LT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8L		SHS
52+26.0, LT		I	18	24	3.00						2					X		X														SIGN ID CODE WI-8R		SHS
		I	18	24	3.00																										SIGN ID CODE WI-8L		SHS
												LF	LF	LF	LF	LF 196	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 45.00	SF	EA.	SF							LF			LF 196					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #5

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss05.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 101 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 6

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (in)	SIGN DIMENSIONS HEIGHT (in)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD SIGNS BOOK)	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RIPTON: 54+00.0, LT							I				2					X		X																-	-
	NEXT 1 MILE						I																											-	-
	20 M.P.H.						I																											-	-
54+50.0, RT		I	30	30	6.25						I																						SIGN ID CODE WI-IL		SHS
	20 M.P.H.	I	18	18	2.25																												SIGN ID CODE WI3-I		SHS
56+00.0, LT	SPEED LIMIT 40	I	24	30	5.00						I					X		X																		
56+00.0, RT	SPEED LIMIT 30	I	30	36	7.50						I					X		X																SIGN ID CODE R2-I	113	
59+21.0, RT		I I	18 18	24 24	3.00 3.00						2					X		X																SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
TOTALS					SF 27.00	SF	EA. 3	SF				LF	LF	LF	LF	LF 98	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #6

PROJECT NAME: RIPTON - HANCOCK

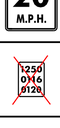
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss06.i

PLOT DATE: 18-SEP-2013 17:10
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 102 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 7

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON:																																			
59+59.0, RT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
60+04.0, RT		1	18	24	3.00						2					X		X															SIGN ID CODE WI-8R		SHS
		1	18	24	3.00																											SIGN ID CODE WI-8L		SHS
60+23.0, RT	RIPTON ← ELEM. SCHOOL	1	72	20	10.00						2					X		X															SIGN ID CODE DI-2L		E-123
62+00.0, LT							1				1					X		X															-	-	-
	20 M.P.H.						1																											-	-	-
							*																											-	-	-
63+38.0, LT	LINCOLN RD						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
																																		-	-
	STOP 1250 0116 0120	1	30	30	6.25																												BACK-TO-BACK		
		1	6	10	0.42																												SIGN ID CODE RI-1		SHS
																																	SIGN ID CODE VD-700		E-138
63+74.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
64+81.0, RT	SPEED LIMIT 30	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		SHS
												LF	LF	LF	LF	LF 140	LF		EA.	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB					
TOTALS					SF 38.67	SF	EA. 3 4	SF				LF			LF 140					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #7

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(11)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss07.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 103 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 8

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON: 67+00.0, LT	RIPTON ELEM. SCHOOL →	I	72	20	10.00						2					X		X															SIGN ID CODE D1-2R		E-123
	• 67+25 ~ 69+75 LT CHEVRONS REPLACED BY 6" WHITE DELINEATORS																																			
67+25.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
67+65.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
68+25.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
68+50.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
68+75.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
69+50.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
69+75.0, LT		I I	6 18 18 6	8 24 24 8	0.33 3.00 3.00 0.33						2					X		X															SIGN ID CODE WI-8R SIGN ID CODE WI-8L		SHS SHS
TOTALS					SF 52.00	SF	EA.	SF				LF	LF	LF	LF	LF 224	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #8

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss08.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 104 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 9

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																			REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	SHS = FHWA STANDARD SIGNS BOOK	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6	24"	30"						
															1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0								
RIPTON:																																		
73+69.0, RT		1	30	30	6.25						1					X		X														SIGN ID CODE W2-2L		SHS
	1250 0116 0140	1	6	10	0.42																											SIGN ID CODE VD-700		E-138
76+42.0, LT		1	12	36	3.00						1					X		X														SIGN ID CODE OM-3L		SHS
76+42.0, RT		1	12	36	3.00						1					X		X														SIGN ID CODE OM-3R		SHS
76+65.0, LT		1	12	36	3.00						1					X		X														SIGN ID CODE OM-3R		SHS
76+75.0, RT		1	12	36	3.00						1					X		X														SIGN ID CODE OM-3L		SHS
77+62.0, LT	NATURAL TPKE						1				1					X		X														SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0116 0147	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
78+12.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
											LF	LF	LF	LF	LF	LF	LF	EA.	LB	LB	LB		LB	LB	LB	LB								
															98																			
TOTALS		SF	SF	EA.	SF		LF				LF								LB			EA.	LB				EA.	EA.	LB					
		30.34		1											98																			

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #9

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tss09.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 105 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 10

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS (SHS = FHWA STANDARD SIGNS BOOK)	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RIPTON: 80+50.0, RT	SPEED LIMIT 50	1	24	30	5.00						1					X		X															SIGN ID CODE R2-1		SHS
88+25.0, LT	HIDDEN DRIVE RIGHT	1	30	30	6.25						1					X		X															SIGN ID CODE VW-054		E-154
89+65.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE W1-5R		SHS
	40 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		SHS
105+55 RT	LEGAL LOAD LIMIT 20,00 POUNDS						1																												
112+50.0, RT		1	30	30	6.25						1					X		X															SIGN ID CODE W1-10L		SHS
116+68.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X															SIGN ID CODE VR-017		E-141
116+77.0, RT	GOSHEN ROAD						1				1					X		X															SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0116 0220	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
	SILVER TOWERS CAMP						1																												
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS					SF 37.67	SF	EA. 3	SF				LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

TRAFFIC SIGN SUMMARY SHEET #10

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssl0.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 106 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 11

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON:																																			
119+14.0, LT	HIDDEN DRIVE RIGHT	1	30	30	6.25						2					X		X																SIGN ID CODE VW-054		E-154
		1	30	30	6.25																												SIGN ID CODE W1-10R		SHS
	40 M.P.H.	1	18	18	2.25																												SIGN ID CODE W13-1		SHS
119+14.0, RT	MOOSE CROSSING	1	30	30	6.25						1					X		X																SIGN ID CODE VW-000		E-153
	NEXT 4 MILES	1	24	18	3.00																												SIGN ID CODE W7-3a		SHS
124+34.0, LT	MAIDEN LANE						1				1					X		X																SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0116 0236	1 1	30 6	30 10	6.25 0.42																												BACK-TO-BACK SIGN ID CODE R1-1 SIGN ID CODE VD-700		SHS E-138
124+66.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X																SIGN ID CODE VR-017		E-141
124+86 LT	ACTR						1																												
126+60.0, LT		1	30	30	6.25						1					X		X																SIGN ID CODE W11-1		SHS
	1250 0116 0240						1																										SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	-
141+50.0, RT		1	30	30	6.25						2					X		X																SIGN ID CODE W1-2L		SHS
	HIDDEN DRIVE LEFT	1	30	30	6.25																												SIGN ID CODE VW-133		E-154
												LF	LF	LF	LF	LF 112	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 54.42	SF	EA. ~~2~~ 3	SF							LF			LF 112					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #11

PROJECT NAME: RIPTON - HANCOCK
PROJECT NUMBER: STP 2803(1)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssll.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 107 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 12

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON: I44+75.0, LT		I	30	30	6.25						I					X		X														SIGN ID CODE WI-2R		SHS
I53+50.0, LT		I	30	30	6.25						I					X		X														SIGN ID CODE VW-054		E-154
I58+05 RT							I																												
I84+63.0, LT		I I	30	30	6.25		I				I					X		X														BACK-TO-BACK SIGN ID CODE RI-I SALVAGED SIGN TO BE MOUNTED ON NEW POST.	-	SHS -
I84+99.0, LT		I	24	30	5.00						I					X		X														SIGN ID CODE VR-017		E-141
I96+27.0, LT		I	30	30	6.25						I					X		X														SIGN ID CODE VW-001		E-153
		I	I8	I8	2.25																													II3	
209+00.0, RT		I	30	30	6.25						I					X		X														SIGN ID CODE WI-IOR		SHS
		I	I8	I8	2.25																												SIGN ID CODE WI3-I		SHS
2II+II.0, LT		I	48	24	8.00						2					X		X														SIGN ID CODE WI-6L		SHS
												LF	LF	LF	LF	LF II2	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 48.75	SF	EA. ~~I~~ 2	SF							LF			LF II2					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #12

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cI60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cI60tssI2.i

PLOT DATE: I8-SEP-2013 I7:II
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET I08 OF II4

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 13

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	FLANGED CHANNEL lb/ft 2.0	FLANGED CHANNEL lb/ft 3.0	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	SIGN DETAIL STD. SHEET NUMBER
RIPTON: 211+12.0, LT	STEAM MILL RD						1				1					X		X														SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0116 0400	1 1	30 6	30 10	6.25 0.42																										BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
211+71.0, LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
212+06.0, LT		1	48	24	8.00						2					X		X														SIGN ID CODE WI-6R		SHS
214+50.0, LT		1	30	30	6.25						1					X		X														SIGN ID CODE WI-10L		SHS
	35 M.P.H.	1	18	18	2.25																											SIGN ID CODE WI3-1		SHS
216+69.0, RT		1	30	30	6.25						1					X		X														SIGN ID CODE WI1-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
	NEXT 2500 FT	1	24	18	3.00																											SIGN ID CODE WI6-4 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
219+22.0, RT	EAST	1	24	12	2.00						1					X		X														SIGN ID CODE M3-2		E-136B
	SCENIC	1	30	15	3.13																											SIGN ID CODE VM-064	113	
	VERMONT 125	1	30	24	5.00																											SIGN ID CODE MI-4		E-136B
	1250 0116 0416	1	6	10	0.42																											SIGN ID CODE VD-700		E-138
												LF	LF	LF	LF	LF 98	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
TOTALS		SF 47.97	SF	EA. 1	SF							LF			LF 98					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #13

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssl3.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 109 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 14

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON: 219+29.0, LT	WEST	1	24	12	2.00						1					X		X														SIGN ID CODE M3-4		E-136B
	SCENIC	1	30	15	3.13																											SIGN ID CODE VM-064	113	
	VERMONT 125	1	30	24	5.00																											SIGN ID CODE MI-4		E-136B
240+57.0, LT	HIDDEN DRIVE RIGHT	1	30	30	6.25						2					X		X														SIGN ID CODE VW-054		E-154
		1	30	30	6.25																											SIGN ID CODE W11-2 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
	NEXT 1500 FT	1	6	10	0.42																											SIGN ID CODE W16-4 SIGN SHALL BE FLUORESCENT YELLOW GREEN.		SHS
256+22.0, RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1					X		X														SIGN ID CODE VR-017		E-141
256+56.0, RT	BROOKS RD						1				1					X		X														SALVAGED SIGN TO BE MOUNTED ON NEW POST. TOP MOUNTING BRACKETS REQUIRED TO INSTALL SALVAGED SIGNS ON NEW POST. COSTS ASSOCIATED WITH THIS BRACKET ARE INCIDENTAL TO THE SIGN POST.	-	-
	STOP 1250 0116 0486	1 1	30 6	30 10	6.25 0.42																											BACK-TO-BACK SIGN ID CODE RI-1 SIGN ID CODE VD-700		SHS E-138
258+76.0, RT	MOOSE CROSSING	1	30	30	6.25						1					X		X														SIGN ID CODE VW-000		E-153
	STAY ALERT	1	18	18	2.25																													113	
												LF	LF	LF	LF	LF 84	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS			SF 43.22	SF	EA. 1	SF						LF			LF 84					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #14

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssl4.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 110 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 15

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL lb/ft 1.12	2.0	3.0	SQUARE STEEL (in) lb/ft 1.75 1.88	2.0 2.42	2.5 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft 3.0 1.3	4.0 1.7	4.0 MOD 1.7	TUBULAR STEEL Ø (in) FOUNDATION	lb/ft 3.0 7.6	3.5 9.0	4.0 10.8	5.0 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS SHS = FHWA STANDARD SIGNS BOOK	SIGN DETAIL DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
RIPTON: 286+04.0, LT	MOOSE CROSSING	1	30	30	6.25						1					X		X														SIGN ID CODE VW-000		E-153
	STAY ALERT	1	18	18	2.25																												113	
HANCOCK: 0+00.0, RT	HANCOCK / RIPTON	1	72	10	5.00						2					X		X															113	
	1250 0108 0000 / 1250 0116 0579	1 1	6 6	10 10	0.42 0.42																												SIGN ID CODE VD-700 SIGN ID CODE VD-700		E-138 E-138
9+19.0, RT	Snow Bowl 1000 FT NEXT RIGHT	1	54	36	13.50						2					X		X															113	
10+51.0, LT	MOOSE CROSSING	1	30	30	6.25						1					X		X															SIGN ID CODE VW-000		E-153
	NEXT 4 MILES	1	24	18	3.00																												SIGN ID CODE W7-3a		SHS
	1250 0108 0020						1																											-	-
17+70.0, RT	SNOW BOWL →	1	72	12	6.00						2					X		X															SIGN ID CODE DI-1		E-123
19+90.0, RT	←	1	48	24	8.00						2					X		X															SIGN ID CODE W1-6L		SHS
												LF	LF	LF	LF	LF 140	LF		EA.	LB	LB	LB		LB	LB	LB	LB								
TOTALS		SF 51.09	SF	EA. 1	SF							LF			LF 140					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #15

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssl5.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 111 OF 114

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 16

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																		REMARKS	SIGN DETAIL	
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	FLANGED CHANNEL lb/ft			SQUARE STEEL (in) lb/ft			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) lb/ft			FOUND-ATION	TUBULAR STEEL Ø (in) lb/ft				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN FRAME REQUIRED	SHS = FHWA STANDARD SIGNS BOOK	DETAIL ON DWG. NUMBER	STD. SHEET NUMBER
												1.12	2.0	3.0	1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
	SHEET 97 SUBTOTAL				35.26		4									154																		
	SHEET 98 SUBTOTAL				43.00		-									140																		
	SHEET 99 SUBTOTAL				53.00		-									196																		
	SHEET 100 SUBTOTAL				48.42		-									224																		
	SHEET 101 SUBTOTAL				45.00		-									196																		
	SHEET 102 SUBTOTAL				27.00		3									98																		
	SHEET 103 SUBTOTAL				38.67		4									140																		
	SHEET 104 SUBTOTAL				52.00		-									224																		
	SHEET 105 SUBTOTAL				30.34		1									98																		
	SHEET 106 SUBTOTAL				37.67		1									84																		
	SHEET 107 SUBTOTAL				54.42		2									112																		
	SHEET 108 SUBTOTAL				48.75		1									112																		
	SHEET 109 SUBTOTAL				47.97		1									98																		
	SHEET 110 SUBTOTAL				43.22		1									84																		
	SHEET 111 SUBTOTAL				51.09		1									140																		
	ROUNDING				0.19		-									25																		
												LF	LF	LF	LF	LF 2125	LF		EA.	LB	LB	LB		LB	LB	LB	LB							
	TOTALS				SF 656	SF	EA. 19	SF				LF			LF 2125					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE VTRANS "SIGN POST DESIGN GUIDELINE."

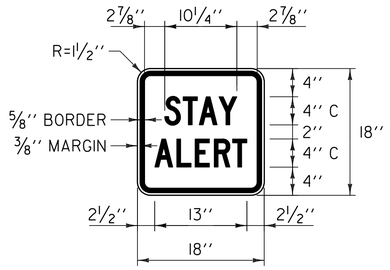
TRAFFIC SIGN SUMMARY SHEET #16

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tssl6.i

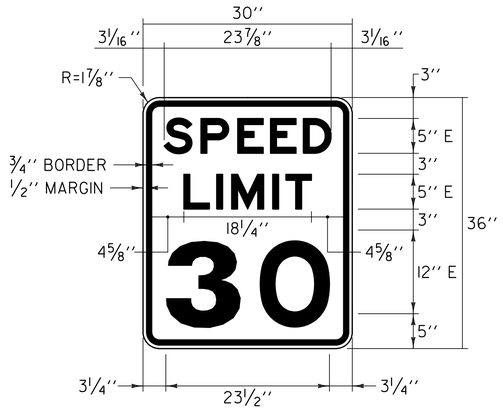
PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 112 OF 114



COLOR: BLACK BORDER & LEGEND
YELLOW BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-155

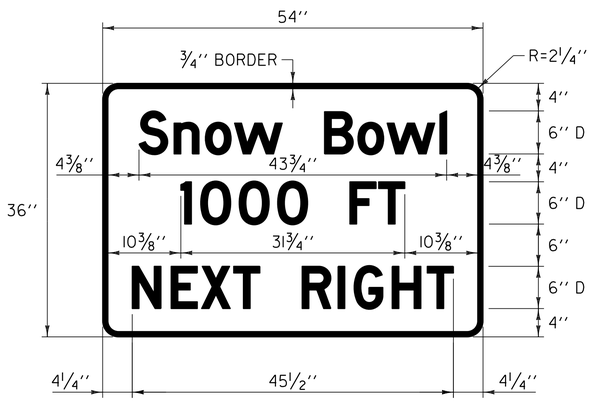
LOCATION: VT. ROUTE 125
RIPTON:
STA 196+27.0, LT
STA 258+76.0, RT
STA 286+04.0, LT



COLOR: BLACK BORDER & TEXT
WHITE BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-142

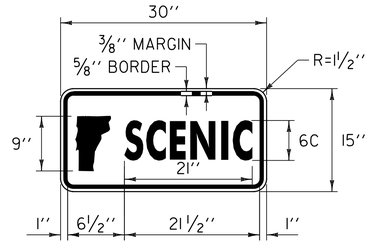
LOCATIONS: VT. ROUTE 125
RIPTON:
STA 56+00.0, RT



COLOR: WHITE BORDER & LEGEND
GREEN BACKGROUND (RETROREFLECTIVE)

MATERIAL: PER VAOT STANDARD E-131

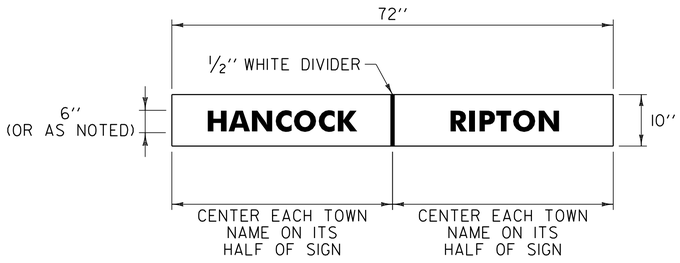
LOCATION: VT. ROUTE 125
HANCOCK:
STA 9+19.0, RT

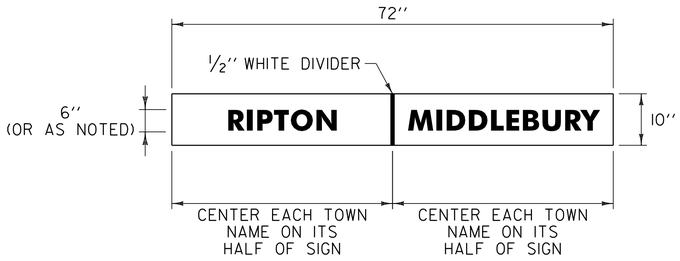


COLOR: GREEN BORDER & LEGEND (REFLECTIVE)
WHITE BACKGROUND (REFLECTIVE)

MATERIAL: PER VAOT STANDARD E-136B

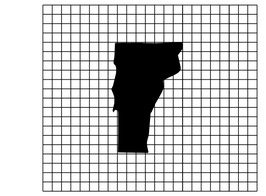
LOCATION: VT. ROUTE 125
RIPTON:
STA 219+22.0, RT
STA 219+29.0, RT

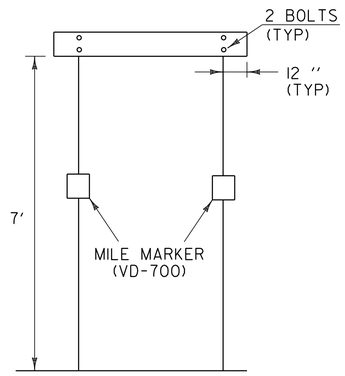


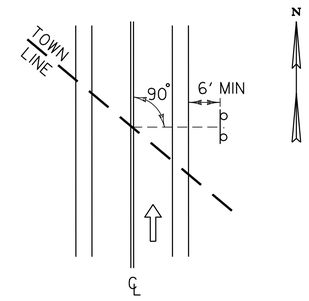


GENERAL NOTES:

1. THE SIGN BASE MATERIAL SHALL BE HIGH DENSITY OVERLAID PLYWOOD 5/8 INCH THICK OR ALUMINUM SHEETING 0.125'' MINIMUM THICKNESS. THE RETROREFLECTIVE MATERIAL SHALL BE SHEETING APPLIED TO THE ENTIRE BACKGROUND OF THE SIGN. THE LEGEND SHALL BE CUT-OUT RETROREFLECTIVE LEGEND. ALL RETROREFLECTIVE MATERIAL SHALL BE EQUAL TO OR EXCEEDING THE "THE AMERICAN SOCIETY OF TESTING AND MATERIALS" (ASTM) TYPE III.
2. SIGNS SHALL HAVE A RETROREFLECTIVE WHITE LEGEND ON A RETROREFLECTIVE GREEN BACKGROUND.
3. LEGEND SHALL CONFORM WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS APPROVED BY THE NATIONAL JOINT COMMITTEE ON UNIFORM TRAFFIC CONTROL DEVICES.
4. ALL SIGNS SHALL BE IN ACCORDANCE WITH "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES: (MUTCD) AND THE "STANDARD HIGHWAY SIGNS" BOOK (SHS) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION (FHWA).







THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY. NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

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

NOTES:

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

NOT TO SCALE

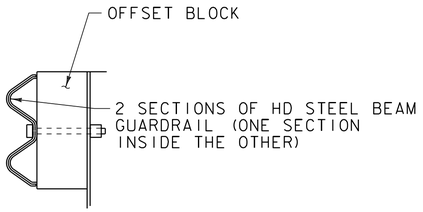
TRAFFIC SIGN DETAILS SHEET

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

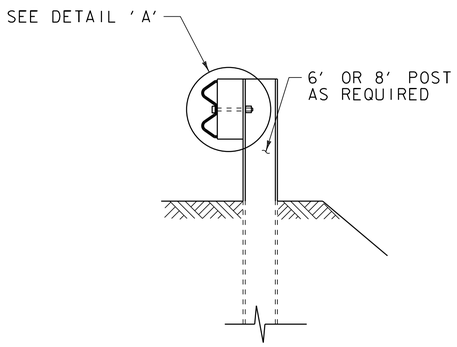
FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60tsd.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 113 OF 114

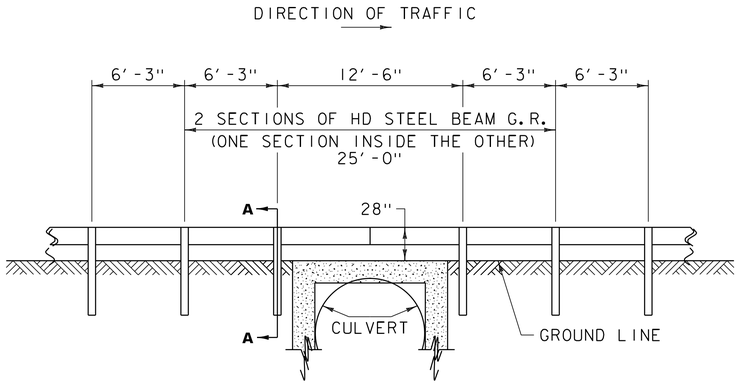


DETAIL A

1. SEE STANDARD G-1FOR STEEL BEAM GUARDRAIL DETAILS.
2. ITEM 900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED) OR ITEM 900.640 SPECIAL PROVISION (HD STEEL BEAM GUARDRAIL, WEATHERING/NESTED W/8 FEET POSTS)
3. THIS DETAIL TO BE USED AS INDICATED ON THE ITEM DETAIL SUMMARY SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER.

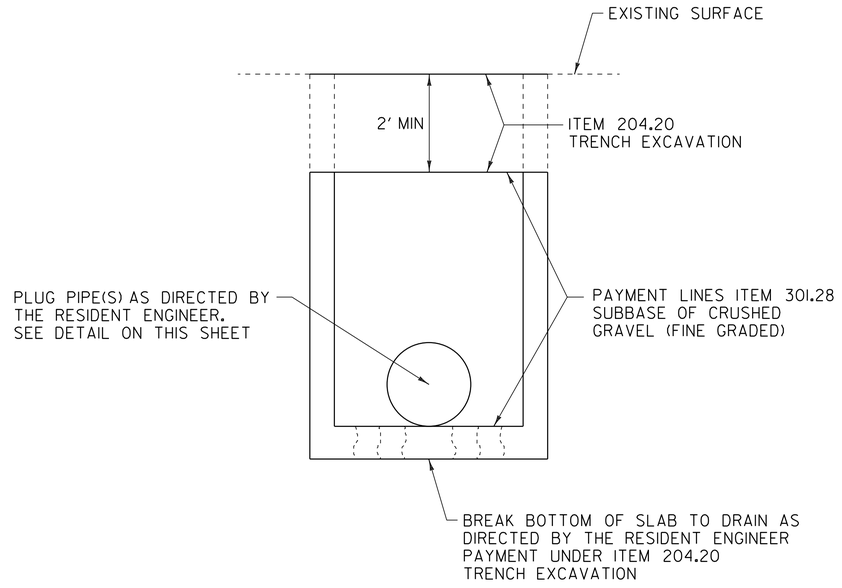


SECTION A–A

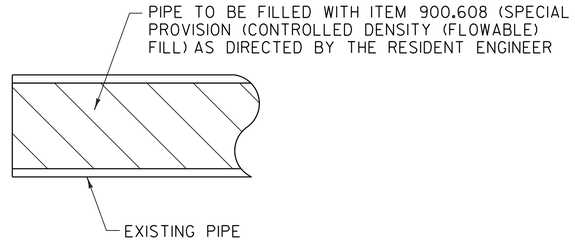


STEEL BEAM GUARDRAIL AT SMALL CULVERT DETAIL

VT. ROUTE 125 BR 13A RIPTON STA 16+85.5 - STA 17+10.5 RT
VT. ROUTE 125 48" CMP RIPTON STA 166+87.5 - STA 167+12.5 LT
VT. ROUTE 125 48" CMP RIPTON STA 166+87.5 - STA 167+12.5 RT
VT. ROUTE 125 BR 16 RIPTON STA 192+27.5 - STA 192+52.5 LT
VT. ROUTE 125 BR 16 RIPTON STA 192+27.5 - STA 192+52.5 RT



ABANDONMENT OF EXISTING DRAINAGE STRUCTURE



ABANDONING PIPE

NOT TO SCALE

MISCELLANEOUS DETAILS SHEET

PROJECT NAME: RIPTON - HANCOCK

PROJECT NUMBER: STP 2803(I)

FILE NAME: p08cl60.dgn
PROJECT LEADER: D.E.G.
DESIGNED BY: M.J.M.
IPARM FILE: p08cl60mdt.i

PLOT DATE: 18-SEP-2013 17:11
DRAWN BY: C.A.K.
CHECKED BY: D.W.E.
SHEET 114 OF 114