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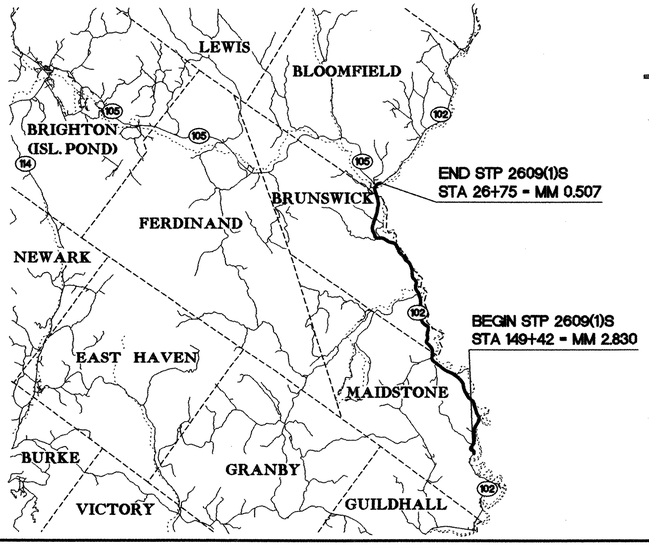
STATE OF VERMONT
AGENCY OF TRANSPORTATION

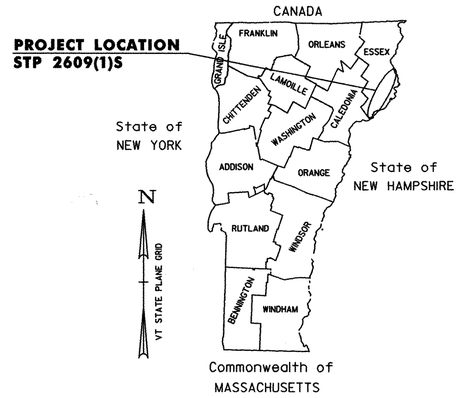
PROPOSED IMPROVEMENTS
TOWNS OF MAIDSTONE, BRUNSWICK, AND BLOOMFIELD
COUNTY OF ESSEX
VT ROUTE 102

BEGINNING AT STATION 149+42 (MM 2.830) OF VT ROUTE 102 IN THE TOWN OF MAIDSTONE AND EXTENDING NORTHERLY ALONG VT ROUTE 102 THROUGH THE TOWNS OF MAIDSTONE, BRUNSWICK, AND INTO THE TOWN OF BLOOMFIELD FOR A DISTANCE OF APPROXIMATELY 66,423 FEET (12.580 MILES) TO THE END OF THE PROJECT AT STATION 26+75 (M.M. 0.507) IN THE TOWN OF BLOOMFIELD.

STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF MAIDSTONE STA 149+42 TO STA 413+07 (MM 2.830 TO MM 7.823)	26,365	4.993
TOWN OF BRUNSWICK STA 0+00 TO STA 373+83 (MM 0.000 TO MM 7.080)	37,383	7.080
TOWN OF BLOOMFIELD STA 0+00 TO STA 26+75 (MM 0.000 TO MM 0.507)	2,675	0.507
PROJECT TOTALS	66,423	12.580

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH COLD PLANING & OVERLAY SECTIONS (LEVELING AND WEARING COURSE), NEW PAVEMENT MARKINGS, GUARD RAIL INSTALLATION, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.





TRAFFIC DATA

	ADT			DHV			ESAL'S (2007-2017)	ESAL'S (2007-2027)
	2007	2017	2027	2007	2017	2027		
SECTION 1	540	600	670	70	80	90	127,000	297,000
SECTION 2	560	620	690	75	80	90	131,000	307,000

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

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

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.

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS X
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
TOP OF CUT
TOE OF SLOPE

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. – BERLIN, VT

RESIDENT ENGINEER: DOUG BUMPS

CONSTRUCTION BEGAN: APRIL 28, 2008

CONSTRUCTION COMPLETE: OCTOBER 20, 2008

RECORD PLANS BY: D. BUMPS & C. PIERCE

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

BY _____ RESIDENT ENGINEER

DATE 7/1/09

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 — CLARKE ELLIOTT — REGISTERED PROFESSIONAL ENGINEER

BY: _____

DATUM
VERTICAL N/A
HORIZONTAL N/A

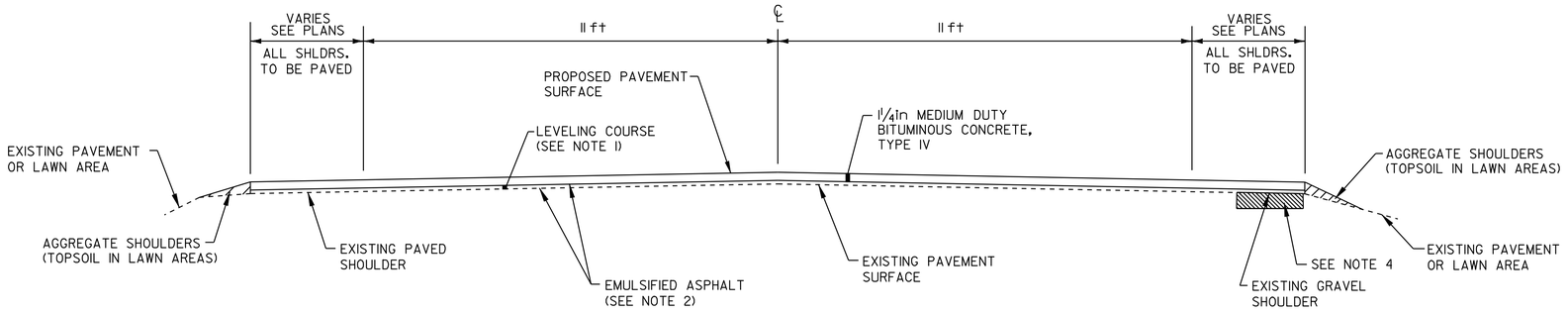
CIVIL ENGINEERING ASSOCIATES, INC.
P.O. BOX 485 SHELBURNE, VT 05482
802-985-2323 FAX: 802-985-2271 web: www.cea-vt.com

DIRECTOR OF PROGRAM DEVELOPMENT
APPROVED _____ DATE 9-6-07

PROJECT MANAGER : TED DOMEY

PROJECT NAME : **MAIDSTONE – BLOOMFIELD**
PROJECT NUMBER : **STP 2609(1)S**

SHEET **1** OF **40** SHEETS



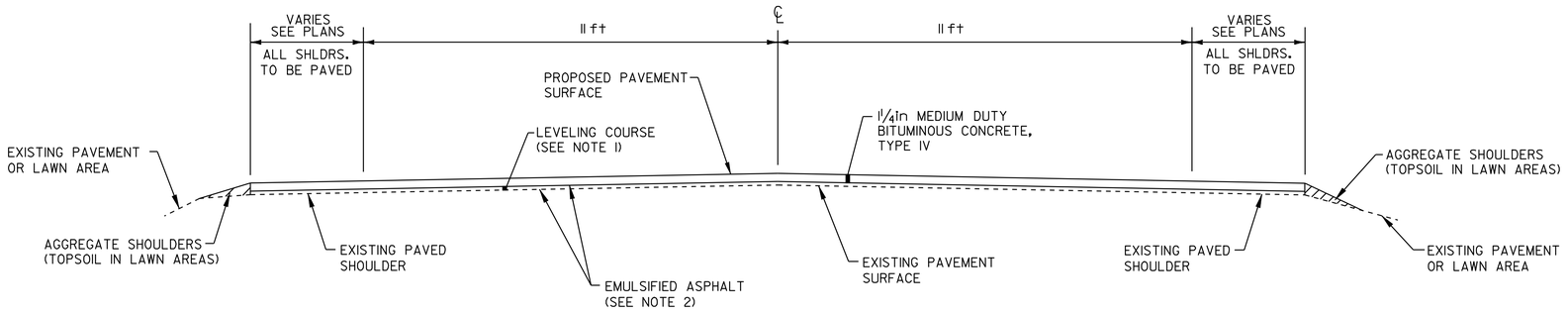
OVERLAY TYPICAL SECTION

MAIDSTONE

STA 149+42 TO 413+07

BLOOMFIELD

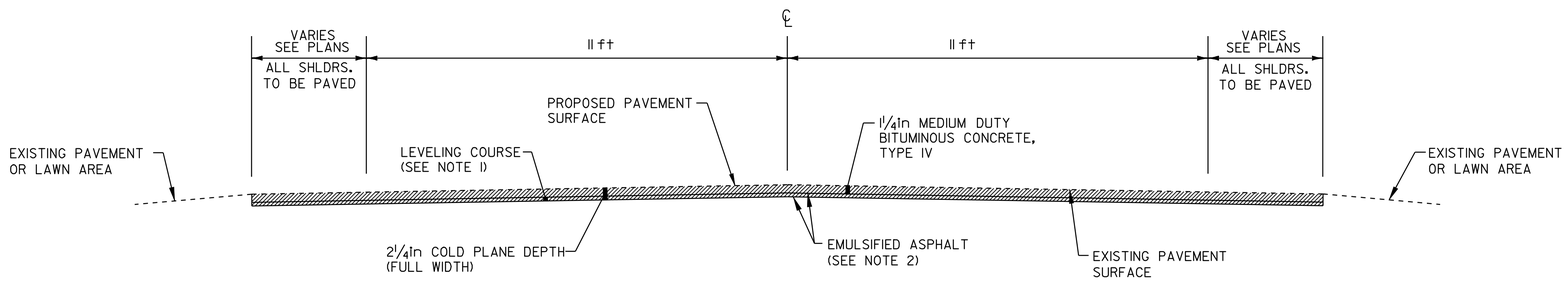
STA 0+00 TO 8+00



OVERLAY TYPICAL SECTION

BRUNSWICK

STA 0+00 TO 373+83



COLD PLANED TYPICAL SECTION

BLOOMFIELD

STA 8+00 TO 26+75

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING Tons	NOTES
MAIDSTONE- VT ROUTE 102	149+42	413+07	VARIES-11ft-11ft-VARIES	1¼in	4,700	LEVEL & PAVE W/1¼in TYPE IV
BRUNSWICK - VT ROUTE 102	0+00	373+83	VARIES-11ft-11ft-VARIES	1¼in	6,790	LEVEL & PAVE W/1¼in TYPE IV
BLOOMFIELD - VT ROUTE 102	0+00	8+00	VARIES-11ft-11ft-VARIES	1¼in	130	LEVEL & PAVE W/1¼in TYPE IV
	8+00	26+75	VARIES-11ft-11ft-VARIES	1¼in	370	COLD PLANE 2¼in, LEVEL, & PAVE W/1¼in TYPE IV

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IV.

   THE LEVELING COURSE SHALL BE TYPE IV UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER. LEVELING HAS BEEN INCLUDED TO RESHAPE THE ROADWAY PRIOR TO PAVING THE TOP COURSE ALONG THE OVERLAY AND COLD PLANE TYPICAL SECTIONS. AN ESTIMATED THICKNESS OF 1 In OF ITEM 406.27 HAS BEEN INCLUDED TO COVER THIS PROVISION. AN INCREASED LEVELING DEPTH HAS BEEN INCLUDED BECAUSE OF THE EXTREME RUTTING IN THE EXISTING PAVEMENT.

   ALL ASPHALT CEMENT USED IN THE BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON 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. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = +/- ¼in (TOTAL THICKNESS EXCLUDING LEVELING).
4. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER WILL BE EXCAVATED TO A DEPTH OF 3 In +/- 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 ITEMS SUCH AS ALL PURPOSE EXCAVATOR RENTAL, TYPE I, POWER GRADER RENTAL, LOADER RENTAL, TYPE I, TRUCK RENTAL, AND POWER BROOM RENTAL, TYPE I. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL, FINE GRADED.
5. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6ft POSTS. IF THIS CANNOT BE OBTAINED THEN 8ft POSTS SHALL BE USED. ALL GUARDRAIL SHALL BE STEEL BEAM WITH STEEL POSTS AND WOOD BLOCKOUTS (OR APPROVED ALTERNATIVE MATERIAL). NEW GUARDRAIL SHALL BE INSTALLED IN COMPLIANCE WITH STANDARD G-1.
6. COLD PLANING TO BE COMPLETED ACCORDING TO THE TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN/END AND AT ALL SIDE ROAD APPROACHES AS DENOTED ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.
7. ITEMS 604.40 & 604.412 ARE ESTIMATED QUANTITIES AND SHALL BE PERFORMED AT LOCATIONS INDICATED ON THE LAYOUT SHEETS AND AS DIRECTED BY THE RESIDENT ENGINEER. ALL D.I.'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.
8. ALL EDGES OF PAVEMENT AND TREATED TIMBER CURB SHALL BE BACKED UP FULL HEIGHT WITH ITEM 402.12, AGGREGATE SHOULDERS, AS DIRECTED BY THE RESIDENT ENGINEER.
9. ALL DRIVES SHALL RECEIVE A PAVED APRON AS DIRECTED BY THE RESIDENT ENGINEER. ALL REQUIRED EXCAVATION IN DRIVE AREAS SHALL BE PERFORMED AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER THE APPLICABLE RENTAL ITEM(S). IF REQUIRED, A NEW DRIVEWAY SUBBASE SHALL BE CONSTRUCTED AND WILL BE PAID FOR UNDER ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED. A NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 406.27. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.
10. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL END SECTIONS WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDER MATERIAL UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 25 CUBIC YARDS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDERS FOR EACH GUARD RAIL TERMINAL.
11. ITEM 616.47, BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS WILL BE PAID ONLY WHERE SPECIFIED IN THE PLANS. ALL OTHER BITUMINOUS CONCRETE PAVEMENT WORK, WHICH COULD INVOLVE SOME HAND-WORK (SUCH AS DRIVE AND SIDE ROAD APPROACHES AND AROUND DRAINAGE/UTILITY STRUCTURES), SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR ITEM 406.27, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-34).
12. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.12, AGGREGATE SHOULDERS, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT PRICE OF EACH ITEM.

PROJECT TYPICAL SHEET #1

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

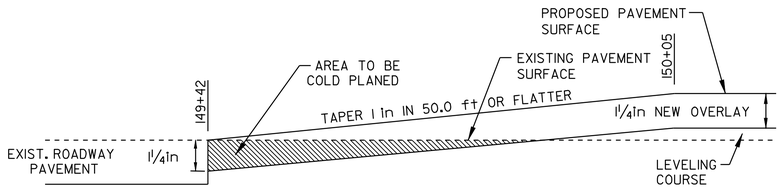
DESIGN FILE NO. 06c042.dgn

PRF FILE 06c042typ1.1 DATE PLOTTED 24-AUG-2009

PROJ. NAME **MAIDSTONE - BLOOMFIELD**

PROJ. NO. **STP 2609(1)S**

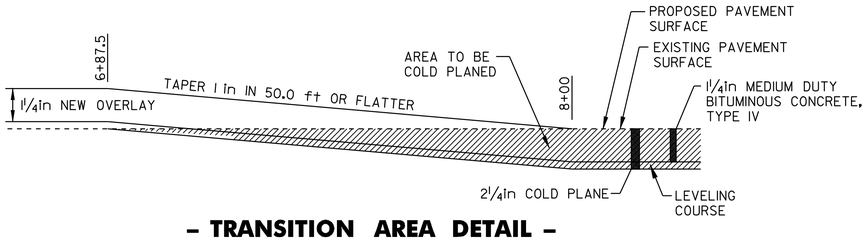
SHEET **2** OF **40** SHEETS



– APPROACH AREA DETAIL –

MAIDSTONE

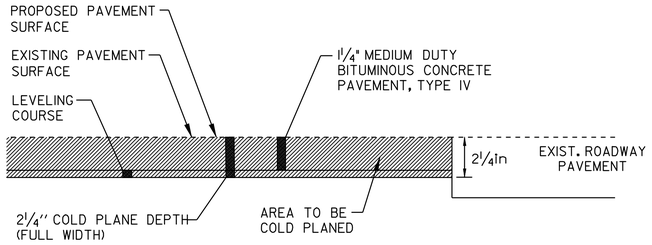
STA 149+42 TO 150+05 (BEGIN PROJECT)



– TRANSITION AREA DETAIL –

BLOOMFIELD

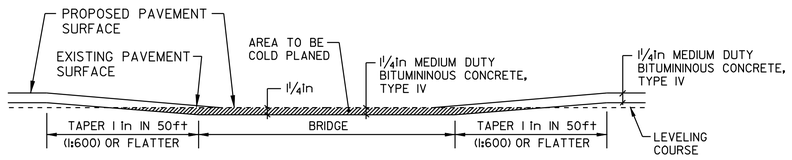
STA 6+87.5 TO 8+00 (END OVERLAY/BEGIN COLD PLANE)



– APPROACH AREA DETAIL –

BLOOMFIELD

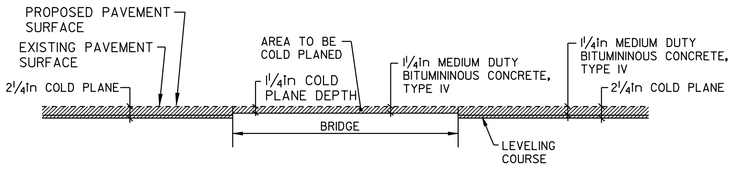
STA 26+75 (END PROJECT)



– COLD PLANING DETAIL @ BRIDGE –

BRUNSWICK

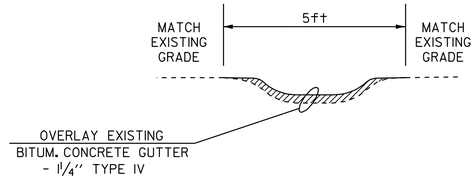
BRIDGE #6 – STA 137+15



– COLD PLANING DETAIL @ BRIDGE –

BLOOMFIELD

BRIDGE #9 – STA 9+45



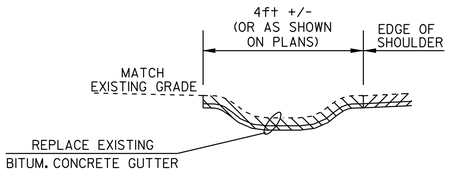
BITUMINOUS CONCRETE

GUTTER DETAIL

(PERPENDICULAR TO ROADWAY)

BRUNSWICK

STA 62+30 RT (30' LONG)



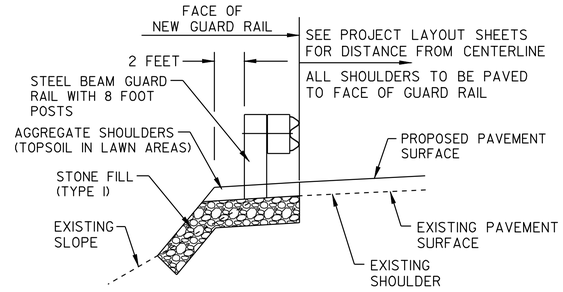
- (2) 1 in LIFTS TYPE IV
- REMOVAL TO BE PAID AS COMMON EXCAVATION OF EARTH ITEM 203.15

BITUMINOUS CONCRETE

GUTTER DETAIL

BLOOMFIELD

STA 15+95 TO 16+63 RT
STA 15+98 TO 16+80 LT



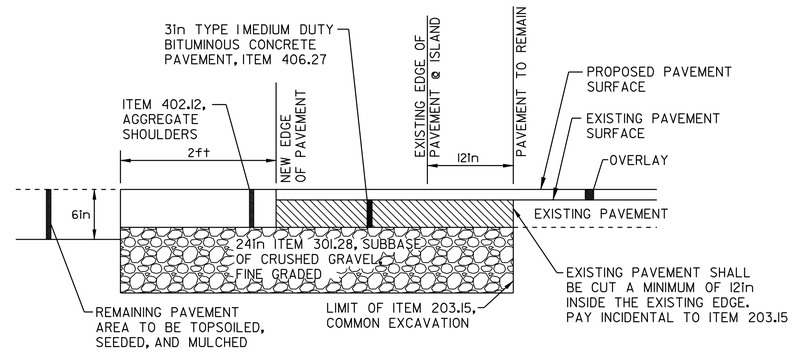
– WIDENING AT GUARD RAIL DETAIL –

MAIDSTONE

STA 297+80 TO 301+05 RT
STA 370+43 TO 371+80 RT
STA 408+30 TO 410+50 RT

NOTES:

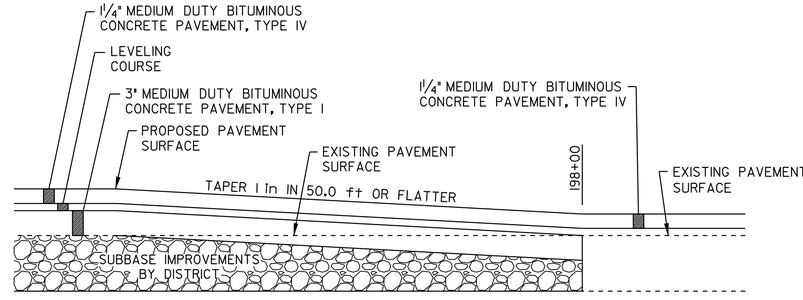
1. UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER THIS TREATMENT WILL ONLY BE USED AT THE LOCATIONS INDICATED ABOVE. EVERY ATTEMPT SHALL BE MADE TO INSTALL THE FACE OF GUARD RAIL AT 15 FEET FROM CENTERLINE WITHOUT WIDENING WITH STONE FILL.
2. PAYMENT FOR ALL EXCAVATION TO PLACE THE STONE FILL, AS SHOWN IN THIS DETAIL, SHALL BE MADE UNDER THE APPROPRIATE EQUIPMENT RENTAL ITEMS. THE EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPE OR HAULED AWAY AS DIRECTED BY THE RESIDENT ENGINEER.
3. PAYMENT FOR THE STONE FILL, TYPE I, SHALL BE MADE UNDER PAY ITEM 613.10. QUANTITIES OF THIS STONE FILL HAVE BEEN ESTIMATED FOR USE ON THIS PROJECT.



ROAD SECTION AT ISLAND/PAVEMENT TO BE REMOVED

BRUNSWICK

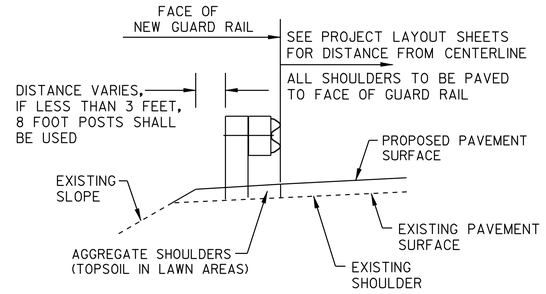
INTERSECTION
SFH/VT ROUTE 102
STA 115+64



–SUBBASE IMPROVEMENTS DETAIL–

MAIDSTONE

STA 191+50 TO 198+00

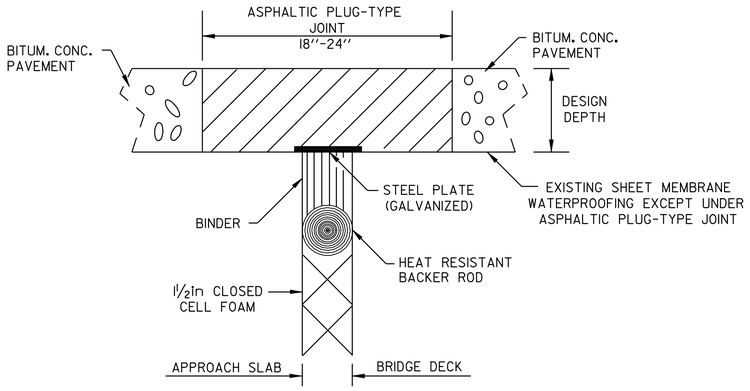


– TYPICAL SECTION AT GUARD RAIL –

THIS TREATMENT SHALL BE USED IN ALL GUARD RAIL LOCATIONS EXCEPT AS NOTED IN THE WIDENING AT GUARD RAIL DETAIL.

PROJECT TYPICAL SHEET #2

DESIGNED BY BCE/PJM DATE 8-06
DRAWN BY C.E.A., INC. DATE 8-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042typ2.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **3** OF **40** SHEETS



– ASPHALTIC PLUG TYPE JOINT DETAIL –

LOCATION

BRUNSWICK	BLOOMFIELD
BRIDGE #6 (20ft) - STA 136+65	BRIDGE #9 (20ft) - STA 8+65
BRIDGE #6 (20ft) - STA 137+00	BRIDGE #9 (20ft) - STA 10+00
BRIDGE #6 (20ft) - STA 137+35	
BRIDGE #6 (20ft) - STA 137+71	

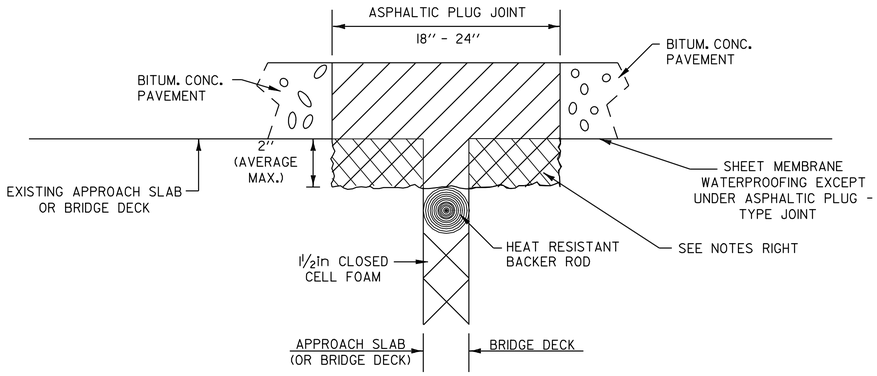
– ASPHALTIC PLUG BRIDGE JOINT – GENERAL NOTES

INSTALLATION:

1. THE JOINT SHALL BE LOCATED CENTRALLY OVER THE DECK EXPANSION GAP OR FIXED JOINT MARKED OUT TO THE MANUFACTURERS RECOMMENDED WIDTH.
2. THE JOINT SHALL BE EXCAVATED AS SHOWN ON THE PLANS BY USE OF SAWS AND PNEUMATIC HAMMER OR A HAMMER AND CHISEL.
3. THE JOINT SHALL BE BLAST CLEANED OF DEBRIS AND ASPHALT. THE JOINT AREA SHALL BE THOROUGHLY DRIED USING HOT COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. SPALLED AND DEFECTIVE CONCRETE SHALL BE REPAIRED WITH AN APPROVED MATERIAL AS AGREED UPON BY THE RESIDENT ENGINEER.
5. PROPERLY SIZED HEAT RESISTANT BACKER ROD SHALL BE PLACED IN THE MOVEMENT GAP ALLOWING FOR 1INCH+/- OF BINDER ABOVE THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS RECOMMENDED BY THE MANUFACTURER.
7. PLACE ¼INCH THICK BY 8 INCH WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRESTAMPED HOLES INTO THE BACKER ROD AND COVER WITH HOT BINDER.
   a. THE STEEL PLATES MAY BE OMITTED WHERE THE APPROACH SLAB IS COVERED WITH A STONE BASE OR BITUMINOUS PAVEMENT, AND VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.
8. THE BINDER MATERIAL AND AGGREGATE SHALL BE HEATED AND MIXED AS RECOMMENDED BY THE MANUFACTURER.
9. THE INSTALLATION OF MATERIAL, COMPACTION AND TOPCOATING SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
10. IMMEDIATELY AFTER TOPCOATING, AN ANTI-SKID MATERIAL SHALL BE CAST OVER THE JOINT TO REDUCE THE RISK OF TRACKING.
11. JOINT SHALL BE PROTECTED FROM TRAFFIC UNTIL THE MATERIAL HAS COOLED TO 125 DEGREES F +/-.

WEATHER LIMITATIONS:

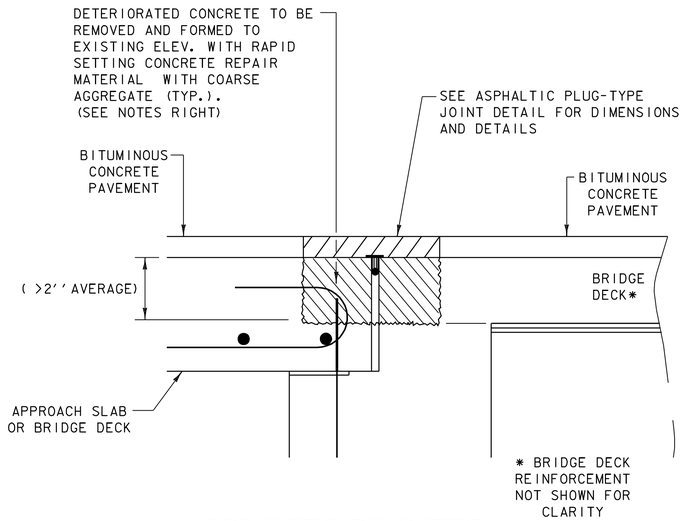
1. BINDER MATERIAL SHALL BE APPLIED ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL:
   a. THE AMBIENT AIR TEMPERATURE IS AT LEAST 50 DEGREES F AND RISING.
   b. THE ROAD SURFACE IS SUFFICIENTLY DRY.
   c. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF THE SATISFACTORY WORK.



ASPHALTIC PLUG-TYPE JOINT DETAIL REMOVAL OF UP TO 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.
3. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.



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.
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. THE STEEL PLATE IN THE ASPHALTIC PLUG JOINT MAY BE OMITTED ONLY IF THE REPAIRED SURFACE IS SO IRREGULAR IT WILL CAUSE VERTICAL MOVEMENT AND IT IS DIRECTED BY THE RESIDENT ENGINEER.

ASPHALTIC PLUG-TYPE JOINT DETAIL SHEET

DESIGNED BY BCE/PJM DATE 8-06
DRAWN BY C.E.A., INC. DATE 8-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042typ3.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **4** OF **40** SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	EMPLOYEE TRAINEESHIP	FULL CE	GOV'T PARTICIPATING BRIDGE	GOV'T PARTICIPATING ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				65	65	CY	COMMON EXCAVATION	203.15	1
				30	30	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	EST
				4,550	4,550	CY	EARTH BORROW	203.30	EST
				50	50	CY	TRENCH EXCAVATION OF ROCK	204.21	EST
				1	1	CY	TRENCH EXCAV. OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST
				9,100	9,100	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	230
				1,210	1,210	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	EST
				4,475	4,475	TON	AGGREGATE SHOULDERS	402.12	EST
				870	870	CWT	EMULSIFIED ASPHALT	404.65	EST
				28,000	28,000	TON	MEDIUM DUTY BITUMINOUS CONC. PAVE. (PG 58-34)	406.27	480
				1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	406.28	--
				1	1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	406.29	--
				1	1	LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	406.30	--
				1	1	LU	LONG. JOINT COMPACTION PAY ADJUST. (N.A.B.I.)	406.31	--
				1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	--
			200		200	LB	REINFORCING STEEL	507.15	EST
			120		120	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	--
			232		232	LF	REMOVAL OF EXISTING RAILING	525.10	0.75
			1		1	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	EST
			1		1	CY	CONCRETE, CLASS A	541.22	EST
			50		50	CF	RAPID SETTING CONC. REPAIR MAT. W/COARSE AGG.	580.20	EST
				170	170	LF	15" CSP .064 (2-2/3 X 1/2)	601.0010	EST
				100	100	LF	18" CSP .064 (2-2/3 X 1/2)	601.0015	EST
				50	50	LF	24" CSP .064 (2-2/3 X 1/2)	601.0025	EST
				50	50	LF	36" CSP .079 (2-2/3 X 1/2)	601.0046	EST
				12	12	LF	42" CSP .109 (2-2/3 X 1/2)	601.0052	EST
				100	100	LF	18" RCP CLASS III	601.0815	EST
				50	50	LF	24" RCP CLASS III	601.0825	EST
				2	2	EA	CHANGING ELEVATION OF D.I.'S, C.B'S. OR M.H.'S	604.40	EST
				6	6	EA	REHABILITATION OF D.I., C.B. OR M.H. CLASS I	604.412	EST
				60	60	HR	POWER GRADER RENTAL	608.15	EST
				650	650	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
				130	130	HR	POWER BROOM RENTAL, TYPE I	608.30	EST
				1,300	1,300	HR	TRUCK RENTAL	608.37	EST
				190	190	HR	LOADER RENTAL, TYPE I	608.40	EST
				2	2	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST
				1,200	1,200	CY	STONE FILL, TYPE 1	613.10	EST
				1,420	1,420	LF	TREATED TIMBER CURB	616.35	14
				10	10	TON	BITUMINOUS CONC. GUTTERS & TRAFFIC ISLANDS	616.47	0
				9	9	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	--
				1	1	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	--
				27	27	EA	YIELDING MARKER POSTS	619.17	EST
				9,900	9,900	LF	STEEL BEAM GUARD RAIL, GALVANIZED	621.20	75
				17,100	17,100	LF	STEEL BEAM GUARD RAIL, GALVANIZED W/8FT POSTS	621.205	175

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COLD PLANING - BITUMINOUS PAVEMENT
170	SY	BEGIN PROJECT
6,180	SY	BLOOMFIELD - BRIDGE #9 TO END OF PROJECT
1,600	SY	TOWN HIGHWAYS
250	SY	DRIVES
670	SY	BRIDGE #6
230	SY	ROUNDING
9,100	SY	TOTAL
		MEDIUM DUTY BITUMINOUS CONCRETE PAVE. (PG 58-34)
		TYPE I
330	TON	STA 191+50 TO 198+00
20	TON	SFH 'T' INTERSECTION
		TYPE IV (LEVELING)
4,700	TON	MAIDSTONE
6,790	TON	BRUNSWICK
500	TON	BLOOMFIELD
		TYPE IV (WEARING)
5,880	TON	MAIDSTONE
8,490	TON	BRUNSWICK
620	TON	BLOOMFIELD
140	TON	TOWN HIGHWAYS
50	TON	DRIVES
480	TON	ROUNDING
28,000	TON	TOTAL
		SUBBASE OF CRUSHED GRAVEL, FINE GRADED
1,000	TON	NEW PAVED SHOULDERS
10	TON	BACKFILL AT D.I. REMOVAL
50	TON	NEW 'T' INTERSECTION AT SFH
150	TON	ESTIMATED QUANTITIES FOR DRIVES/TH'S
1,210	TON	ESTIMATED TOTALS
		STONE FILL, TYPE I
780	CY	DITCH CLEANING DETAIL SHEET
420	CY	ITEM DETAIL SHEETS
1,200	TON	ESTIMATED TOTALS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS

TOTALS

QUANTITY SHEET #1

PROJECT NAME **MAIDSTONE - BLOOMFIELD** 06c042.dgn/06c042qsl.l
PROJECT NUMBER **STP 2609(1)S**

DATE PLOTTED 24-AUG-2009
SHEET **5** OF **40** SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	EMPLOYEE TRAINEESHIP	FULL CE	GOV'T PARTICIPATING BRIDGE	GOV'T PARTICIPATING ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				300	300	LF	HD STEEL BEAM GUARDRAIL, GALVANIZED	621.21	18.7
				129	129	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	--
				3	3	EA	MANUFACTURED TERMINAL SECTION, TANGENT	621.51	--
				15	15	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	--
				30,500	30,500	LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	137.5
				42	42	EA	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	--
				1,250	1,250	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST
				4,000	4,000	HR	FLAGGERS	630.15	EST
		1			1	LS	FIELD OFFICE, ENGINEERS	631.10	--
		1			1	LS	TESTING EQUIPMENT, CONCRETE	631.16	--
		1			1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	--
		1			1	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	EST
				1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	EST
				1	1	LS	TRAFFIC CONTROL	641.10	EST
				2	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	--
				133,000	133,000	LF	DURABLE 4IN WHITE LINE, THERMOPLASTIC	646.402	--
				124,200	124,200	LF	DURABLE 4IN YELLOW LINE, THERMOPLASTIC	646.412	--
				180	180	LF	DURABLE 24 IN STOP BAR, THERMOPLASTIC	646.482	--
				42	42	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	--
				266,000	266,000	LF	TEMPORARY 4IN WHITE LINE, PAINT	646.602	EST
				248,300	248,300	LF	TEMPORARY 4IN YELLOW LINE, PAINT	646.612	EST
				250	250	LF	TEMPORARY 24IN STOP BAR, PAINT	646.682	EST
				50	50	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	--
				2,000	2,000	EA	LINE STRIPING TARGETS	646.76	EST
				3,600	3,600	SY	GEOTEXTILE UNDER STONE FILL	649.31	160
				240	240	LB	SEED	651.15	EST
				2,000	2,000	LB	FERTILIZER	651.18	EST
				8	8	TON	AGRICULTURAL LIMESTONE	651.20	EST
				8	8	TON	HAY MULCH	651.25	EST
				50	50	CY	TOPSOIL	651.35	EST
				2,100	2,100	SY	TEMPORARY EROSION MATTING	653.20	11
				168	168	SF	TRAFFIC SIGNS, TYPE A	675.20	0.42
							- BEGIN OPTION ITEMS -		
				525	525	LF	FLANGED CHANNEL SIGN POSTS	675.301	EST
				525	525	LF	SQUARE TUBE STEEL POST AND ANCHORS	675.341	EST
							- END OPTION ITEMS -		
				42	42	EA	REMOVING SIGNS	675.50	--
				10	10	EA	ERECTING SALVAGED SIGNS	675.60	--
				154	154	EA	DELINEATOR WITH STEEL POST	676.10	EST
				215	215	LF	VEHICLE LOOP DETECTOR	678.22	EST
				1	1	EA	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	EST
			232		232	LF	SPECIAL PROV. (BRIDGE RAILING REPAIR, TYPE II)	900.640	0.75

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS
TOTALS									

QUANTITY SHEET #2

PROJECT NAME **MAIDSTONE - BLOOMFIELD** 06c042.dgn/06c042qs2.l
PROJECT NUMBER **STP 2609(1)S**

DATE PLOTTED 24-AUG-2009
SHEET **6** OF **40** SHEETS

ITEM DETAIL SUMMARY SHEET 1

LOCATION			MISCELLANEOUS ITEMS										DRAINAGE ITEMS							GUARD RAIL ITEMS													REMARKS
			203.15	203.28	203.30	204.21	301.28	402.12		616.47	617.10	617.12	604.40	604.412	NEW PIPE				613.10	616.35	619.17	621.20	621.205	621.21	621.50	621.51		621.60	621.80	621.81	676.10	
STA	STA	POS.	COM. EXCAV.	EXCAV. OF SURF. AND PAVE.	EARTH BORROW	TRENCH EXCAV. OF ROCK	SUBBASE OF CRUSHED GRAVEL, FINE	AGG. SHOULD.		B. CONC. GUTTER & TRAF. ISLAND	RELOCATE MAILBOX SINGLE SUPPORT	RELOCATE MAILBOX MULTIPLE SUPPORT	CHANGE ELEV.	REHAB. D.I. CLASS I	DIA.	CSP (0.064)	RCP	CPEP	STONE FILL, TYPE I	TREATED TIMBER CURB	YIELD. MARKER POSTS	STEEL BEAM G.R.	STEEL BEAM G.R. 8ft POSTS	HEAVY DUTY S.B. G.R.	MANUF. TERMINAL SECTION, FLARED	MANUF. TERMINAL SECTION, TANGENT		ANCHOR FOR S.B. RAIL	REMOVE & DISP. OF GUARD RAIL	REMOVE & DISP. OF GUIDE POSTS	DELIN. w/STEEL POSTS	
			CY	CY	CY	CY	TON	TON		TON	EA	EA	EA	EA	in	LF	LF	LF	CY	LF	EA	LF	LF	LF	EA	EA		EA	LF	EA	EA	
MAIDSTONE																																
149+42	413+07	LT&RT			500		1,000	1,500											100		19											ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
232+85	237+59	RT			50			10														400			2				400		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
238+05	238+30	RT																												3		REMOVE GUIDE POSTS.
244+08	250+08	RT			50			10														412.5	112.5		2				600		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
245+40		RT												1																		REHAB D. I.
245+90	249+52	LT			50			10															287.5		2				362.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
252+25	254+12	RT			50			10															112.5		2				187.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
252+48	254+10	LT			50			10														87.5			2				162.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
264+43	270+18	RT			50			10			2											225	275		2				550		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
271+55	275+42	RT			50			10														37.5	275		2				350	3	2	REPLACE CABLE RAIL/GUIDE POSTS WITH STEEL BEAM GUARD RAIL.
279+52	280+45	RT																												7		REMOVE GUIDE POSTS.
281+65	287+77	RT			50			10			1												537.5		2				500		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
282+70	284+45	LT			50			10															100		2				135		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
290+30		RT									1																					RELOCATE SINGLE SUPPORT MAILBOX.
290+92	292+80	RT			50			10												106		100			1	1			150	4	2	REPLACE CABLE RAIL/GUIDE POSTS WITH STEEL BEAM GUARD RAIL.
291+31		RT												1																		REHAB D. I.
293+12	295+25	RT			50			10														137.5			2				190		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
297+80	301+05	RT			50			10											75				250		2					5	2	REPLACE GUIDE POSTS WITH STEEL BEAM GUARD RAIL, TYPE I STONE FOR WIDENING AT SHOULDER.
305+20	310+20	RT			50			10							15	30							462.5		1			2	450		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL. INSTALL BURIED END TERMINAL W/CULVERT @ 305+20.
312+11	333+48	RT			50			10														337.5	1,725		2				2,050		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
344+34	365+09	RT			50			10											25			1,937.5	100		1			2	1,900		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL. TYPE I STONE FOR EROSION @ STA 358+10 AND 358+65. BURIED END TERMINAL @ STA 344+34 RT.
370+43	371+80	RT			50			10											30				50		1	1				6	2	REPLACE GUIDE POSTS WITH STEEL BEAM GUARD RAIL, TYPE I STONE FOR WIDENING AT SHOULDER.
379+16	385+53	RT			50			10															550		1	1			600		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL.
386+70	387+27	RT																												3		REMOVE GUIDE POSTS.
389+00	400+37	RT	10		50		10	10							15	40			25				1,100		1			2	1000		2	REPLACE CABLE RAIL WITH S.B.G.R., STONE FOR EROSION @ STA 398+85, B.E.T. W/CULVERT @ STA 400+37. REMOVE DI AND PIPE @ STA 397+46
389+35	395+25	LT			50			10				1											600		1			1	535	4	2	REPLACE CABLE RAIL/G.P. WITH STEEL BEAM GUARD RAIL. INSTALL G1-D AND ANCHOR @ HALL RD.
395+50	399+12	LT			50			10														62.5	300		1			1	400		2	REPLACE CABLE RAIL WITH STEEL BEAM GUARD RAIL. INSTALL G1-D AND ANCHOR @ HALL RD.
MAID.	BRUNS.																															
408+30	0+74	RT			50			10											50				475		2				415	7	2	REPLACE CABLE RAIL/GUIDE POSTS WITH STEEL BEAM GUARD RAIL, TYPE I STONE FOR WIDENING AT SHOULDER.
BRUNSWICK																																
0+00	373+83	LT&RT			500		100	2,100											100		8											ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
14+40	17+90	RT			50			10															275		2				350		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
20+35	21+35	RT			50			10															25		2				100		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
SHEET SUB-TOTALS			10		2,150		1,110	3,830			4	1		2	15	70			405	106	27	3,737.5	7,612.5		38	3		8	11,387.5	42	46	

ITEM DETAIL SUMMARY SHEET #1

DESIGNED BY BCE/PJM DATE 12-06
DRAWN BY C.E.A., INC. DATE 12-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042idl.i DATE PLOTTED 24-AUG-2009 0
PROJ. NAME: **MAIDSTONE - BLOOMFIELD**
PROJ. NO.: **STP 2609(1)S**
SHEET **7** OF **40** SHEETS

ITEM DETAIL SUMMARY SHEET 2

LOCATION			MISCELLANEOUS ITEMS							DRAINAGE ITEMS							GUARD RAIL ITEMS											REMARKS
			203.15	203.28	203.30	204.21	301.28	402.12		616.47	617.10	617.12		604.40	604.412	NEW PIPE				613.10	616.35	619.17	621.20	621.205	621.21	621.50	621.51		621.60	621.80	621.81	676.10	
STA	STA	POS.	COM. EXCAV.	EXCAV. OF SURF. AND PAVE.	EARTH BORROW	TRENCH EXCAV. OF ROCK	SUBBASE OF CRUSHED GRAVEL, FINE	AGG. SHOULD.		B. CONC. GUTTER & TRAF. ISLAND	RELOCATE MAILBOX SINGLE SUPPORT	RELOCATE MAILBOX MULTIPLE SUPPORT		CHANGE ELEV.	REHAB. D.I. CLASS I	DIA.	CSP (0.064)	RCP	CPEP	STONE FILL, TYPE I	TREATED TIMBER CURB	YIELD. MARKER POSTS	STEEL BEAM G.R.	STEEL BEAM G.R. 8ft POSTS	HEAVY DUTY S.B. G.R.	MANUF. TERMINAL SECTION, FLARED	MANUF. TERMINAL SECTION, TANGENT		ANCHOR FOR S.B. RAIL	REMOVE & DISP. OF GUARD RAIL	REMOVE & DISP. OF GUIDE POSTS	DELIN. w/STEEL POSTS	
BRUNSWICK CONT'D			CY	CY	CY	CY	TON	TON		TON	EA	EA		EA	EA	in	LF	LF	LF	CY	LF	EA	LF	LF	FT	EA	EA		EA	LF	EA	EA	
20+43	21+43	LT			50			10															25			2				100		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
22+42	23+30	RT			50			10																12.5		2				87.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
22+60	23+34	LT																												75			REMOVE EXISTING STEEL BEAM GUARD RAIL, EXTEND CULVERT.
24+42	25+67	RT			50			10															50			2				125		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
24+53	25+77	LT			50			10															87.5			1			2	112.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL. INSTALL BURIED END TERMINAL @ STA 25+77. MAINTAIN EXISTING 12" CSP CULVERT.
26+31	29+06	RT			50			10			1													200		2				275		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
29+43	36+43	RT			50			10															475	150		2				700		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
35+18	36+68	LT			50			10															75			2				150		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
47+46	65+24	RT			50			10		2										5	470		375	1,387.5		1			1	1,800		2	REPLACE EXISTING STEEL BEAM GUARD RAIL. REPLACE TREATED TIMBER CURB FROM STA 57+60 TO 62+30. OVERLAY EX. BIT. GUT. @ STA 62+30, STONE FILL @ OUTLET.
66+01	69+38	LT			50			10															262.5			2				337.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
66+88	78+50	RT			50			10																1,087.5		2				1,162.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
73+80	77+05	LT			50			10																250		2				325		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
84+25	86+00	RT			50			10															100			2				175		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
85+53	88+78	LT			50			10																250		2				325		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
94+92	98+17	RT			50			10															250			2				325		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
102+42	114+42	RT			50			10																1,125		2				1,200		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
115+64		LT	50	30			50	15																								12	CONSTRUCT 'T' INTERSECTION AT SFH, STA 115+64 LT.
117+40	122+40	RT			50			10												5			425			2				500		2	REPLACE EXISTING STEEL BEAM GUARD RAIL. STONE FILL FOR EROSION @ STA 119+25.
126+03	128+78	RT			50			10															200			2				275		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
126+94	128+94	LT			50			10															125			2				200		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
128+96	130+71	RT			50			10			1												100			2				175		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
134+79	136+66	RT			25			5																125	41.3	1				187.5		1	ATTACH TO NEW BRIDGE RAIL @ STA 136+66, COORD. WITH SHEET 39.
135+83	136+58	LT			25			5															12.5		32.5	1				75		1	ATTACH TO NEW BRIDGE RAIL @ STA 136+58, COORD. WITH SHEET 39.
137+70	138+08	LT			25			5															12.5		32.5				1	37.5		1	ATTACH TO NEW BRIDGE RAIL @ STA 137+70, COORD. WITH SHEET 39.
137+84	138+46	RT			25			5			1														32.5	1				50		1	ATTACH TO NEW BRIDGE RAIL @ STA 137+84, COORD. WITH SHEET 39.
151+80	156+80	RT			50			10															425			2				500		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
156+95		RT									1																						RELOCATE MAILBOX, SINGLE SUPPORT.
176+18	179+68	RT			50			10															275			2				350		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
195+40	201+40	RT			50			10															362.5	162.5		2				600		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
200+75	203+50	LT			50			10															200			2				275		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
226+25	230+50	RT			50			10															350			2				325		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
234+51	236+51	LT			50			10																162.5		1			2	200		2	REPLACE EXISTING STEEL BEAM GUARD RAIL. INSTALL BURIED END TERMINAL @ STA 236+51, MAINTAIN EXISTING 12" CSP CULVERT.
234+75	237+50	RT			50			10																200		2				275		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
238+90	242+40	RT			50			10															162.5	112.5		2				350		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
250+90	254+15	RT			50			10															150	100		2				325		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
250+95	252+70	LT			50			10															100			2				175		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
SHEET SUB-TOTALS			50	30	1,550		50	325		2	4									10	470		4,600	5,325	138.8	58			6	12,150		74	

ITEM DETAIL SUMMARY SHEET #2

DESIGNED BY BCE/PJM DATE 12-06
DRAWN BY C.E.A., INC. DATE 12-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042id2.1 DATE PLOTTED 24-AUG-2009 0
PROJ. NAME: **MAIDSTONE - BLOOMFIELD**
PROJ. NO.: **STP 2609(1)S**
SHEET **8** OF **40** SHEETS

ITEM DETAIL SUMMARY SHEET 3

LOCATION			MISCELLANEOUS ITEMS							DRAINAGE ITEMS							GUARD RAIL ITEMS											REMARKS
			203.15	203.28	203.30	204.21	301.28	402.12		616.47	617.10	617.12	604.40	604.412	NEW PIPE				613.10	616.35	619.17	621.20	621.205	621.21	621.50	621.51		621.60	621.80	621.81	676.10	
STA	STA	POS.	COM. EXCAV.	EXCAV. OF SURF. AND PAVE.	EARTH BORROW	TRENCH EXCAV. OF ROCK	SUBBASE OF CRUSHED GRAVEL, FINE	AGG. SHOULD.		B. CONC. GUTTER & TRAF. ISLAND	RELOCATE MAILBOX SINGLE SUPPORT	RELOCATE MAILBOX MULTIPLE SUPPORT	CHANGE ELEV.	REHAB. D.I. CLASS I	DIA.	CSP (0.064)	RCP	CPEP	STONE FILL, TYPE I	TREATED TIMBER CURB	YIELD. MARKER POSTS	STEEL BEAM G.R.	STEEL BEAM G.R. 8ft POSTS	HEAVY DUTY S.B. G.R.	MANUF. TERMINAL SECTION, FLARED	MANUF. TERMINAL SECTION, TANGENT		ANCHOR FOR S.B. RAIL	REMOVE & DISP. OF GUARD RAIL	REMOVE & DISP. OF GUIDE POSTS	DELIN. w/STEEL POSTS	
BRUNSWICK CONT'D			CY	CY	CY	CY	TON	TON		TON	EA	EA	EA	EA	in	LF	LF	LF	CY	LF	EA	LF	LF	LF	EA	EA		EA	LF	EA	EA	
257+27	262+27	RT			50			10														225	200		2				500		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
266+70	270+95	RT			50			10														350			2				425		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
273+45	276+95	RT			50			10														275			2				350		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
276+10	280+35	LT			50			10														350			2				425		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
296+32	299+70	RT			50			10															262.5		2				337.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
296+50	301+00	LT			50			10															375		2				450		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
305+40	309+27	RT			50			10															312.5		2				387.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
305+90	310+65	LT			50			10															400		2				475		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
346+65	351+65	RT			50			10														175	250		2				500		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
353+78	357+15	RT			50			10															262.5		2				337.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
355+08	357+08	LT			50			10															125		2				200		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
359+50	363+88	LT			50			10															362.5		2				437.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
360+02		RT									1																					RELOCATE MAILBOX, SINGLE SUPPORT.
360+05	364+67	RT			50			10															387.5		2				462.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
BRUNS.	BLOOM.																															
371+62	4+37	RT			50			10												475			612.5		2				687.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
BRUNS.	BLOOM.																															
372+36	3+14	LT			50			10												355			437.5		2				512.5		2	REPLACE EXISTING STEEL BEAM GUARD RAIL.
BLOOMFIELD																																
0+00	26+75	LT&RT					50	150																								ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
7+78	8+65	RT			25			5														25		32.5	1				87.5		1	ATTACHED TO EXISTING BRIDGE RAIL @ STA 8+65, COORD. WITH SHEET 38.
8+50	8+65	LT			25			5																45			1		37.5		1	ATTACHED TO EXISTING BRIDGE RAIL @ STA 8+65, COORD. WITH SHEET 38.
10+00	10+75	RT			25			5														12.5		32.5	1				75		1	ATTACHED TO EXISTING BRIDGE RAIL @ STA 10+00, COORD. WITH SHEET 38.
10+00	11+37	LT			25			5														75		32.5	1				137.5		1	ATTACHED TO EXISTING BRIDGE RAIL @ STA 10+00, COORD. WITH SHEET 38.
15+43		LT												1																		REHAB D.I.
15+48		RT												1																		REHAB D.I.
15+95		RT												1																		REHAB D.I.
15+98		LT												1																		REHAB D.I.
15+95	16+63	RT	2							4																						REPLACE EXISTING BITUMINOUS CONCRETE GUTTER.
15+98	16+80	LT	2							4																						REPLACE EXISTING BITUMINOUS CONCRETE GUTTER.
17+06		RT											1																			ADJUST ELEVATION OF D.I.
18+30		RT											1																			ADJUST ELEVATION OF D.I.
PROJECT LIMITS						50									15	100																ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE RESIDENT ENGINEER.
															18	100	100															
															24	50	50															
															36	50																
															42	12																
SHEET SUB-TOTALS			4	--	850	50	50	320		8	1	--	2	4	• SEE BELOW •				--	830	--	1,487.5	3,987.5	142.5	33	--		1	6,825	--	34	
ID#1 SUB-TOTALS			10	--	2,150	--	1,110	3,830		--	4	1	--	2					405	106	27	3,737.5	7,612.5	--	38	3		8	11,387.5	42	46	
ID#2 SUB-TOTALS			50	30	1,550	--	50	325		2	4	--	--	--					10	470	--	4,600	5,325	138.8	58	--		6	12,150	--	74	
PROJECT SUB-TOTALS			64	30	4,550	50	1,210	4,475		10	9	1	2	6					415	1,406	27	9,825	16,925	281.3	129	3		15	30,362.5	42	154	
ROUNDING			1	--	--	--	--	--		--	--	--	--	--					5	14	--	75	175	18.7	--	--		--	137.5	--	--	
PROJECT TOTALS			65	30	4,550	50	1,210	4,475		10	9	1	2	6					420	1,420	27	9,900	17,100	300	129	3		15	30,500	42	154	
													PROJECT TOTALS		15	170																
															18	100	100															
															24	50	50															
															36	50																
															42	12																

ITEM DETAIL SUMMARY SHEET #3

DESIGNED BY BCE/PJM DATE 12-06

DRAWN BY C.E.A., INC. DATE 12-06

DESIGN FILE NO. 06c042.dgn

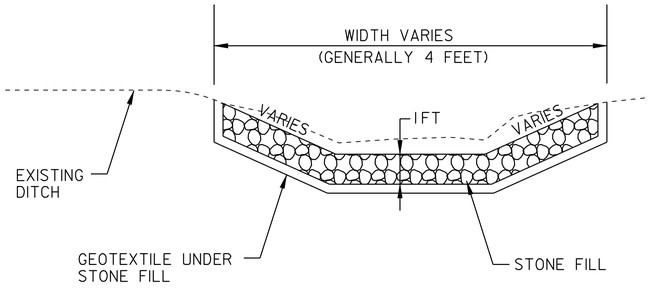
PRF FILE 06c042id3.1 DATE PLOTTED 24-AUG-2009 0

PROJ. NAME: **MAIDSTONE - BLOOMFIELD**

PROJ. NO.: **STP 2609(1)S**

SHEET **9** OF **40** SHEETS

LOCATION				FEET OF DITCHING				MISC. ITEMS			REMARKS
					PERCENT GRADE			653.20	613.10	649.31	
SITE	STATION	STATION	POS.	0–1	1–2.5	2.5–10	>10	TEMP. EROS. MATT.	STONE FILL TYP. I	GEOT. UNDER STONE FILL	
								SY	CY	SY	
VT ROUTE 102, MAIDSTONE											
DISTRICT #7											
1	149+42	150+23	LT		81			36			
2	152+27	157+50	LT		523			232			
3	161+00	170+75	LT	325	375	275		167	41	183	
4	175+75	187+00	LT	375	125	625		56	92	417	
5	193+50	196+50	RT			300			44	200	
6	204+00	213+65	LT	665	300			133			
7	216+30	218+30	LT		200			89			
8	306+00	316+00	LT			1,000			148	667	
9	333+50	344+00	LT	750	300			133			
10	346+00	361+00	LT	400	700	400		311	59	267	
11	362+50	368+25	LT	75	150	350		67	52	233	
12	369+00	378+00	LT		200	700		89	104	467	
VT ROUTE 102, BRUNSWICK											
DISTRICT #9											
13	0+30	3+25	LT		295			131			
14	38+50	48+75	LT	1,025							
15	56+50	64+00	LT	750							
16	70+75	72+80	LT	205							
17	103+00	105+00	LT			200			30	133	
18	150+00	152+00	LT	200							
19	157+25	158+75	LT	150							
20	191+00	199+00	LT		200	600		89	89	400	
21	203+50	205+20	LT			170			25	113	
22	210+00	212+25	LT	225							
23	217+50	220+00	LT		250			111			
24	225+75	231+50	LT		575			256			
25	232+75	234+40	RT	165							
26	237+00	250+75	LT	1,075	300			133			
27	256+50	259+00	LT			250			37	167	
28	265+00	273+40	LT	840							
29	328+75	330+00	LT		125			56			
30	332+00	335+00	LT	300							
31	339+60	342+50	RT			290			43	193	
PROJECT SUBTOTALS				7,525	4,699	5,160		2,089	764	3,440	
ROUNDING				225	101	140		11	16	160	
PROJECT TOTALS				7,750	4,800	5,300		2,100	780	3,600	



DITCH DETAIL

NOT TO SCALE

NOTES:

PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS AS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING, AND STONE FILL TYPE I HAVE BEEN INCLUDED. DITCHES WITH A SLOPE LESS THAN 1 PERCENT SHALL BE SEEDED, TEMPORARY EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2½ PERCENT, AND STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2½ AND 10 PERCENT.

DITCH CLEANING DETAIL SHEET

PROJECT : MAIDSTONE - BLOOMFIELD

PROJECT NO. : STP 2609(I)S

DESIGN FILE NAME: 06c042.dgn

IPARM FILE NAME: 06c042dlt.I

PLOT DATE: 24-AUG-2009

SURVEYED BY: BCE/PJM

SURVEY DATE: 9-06

SQUAD LEADER: BCE

DRAWN BY: C.E.A., INC.

SHEET: 10 OF 40

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 149+42 TO 174+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

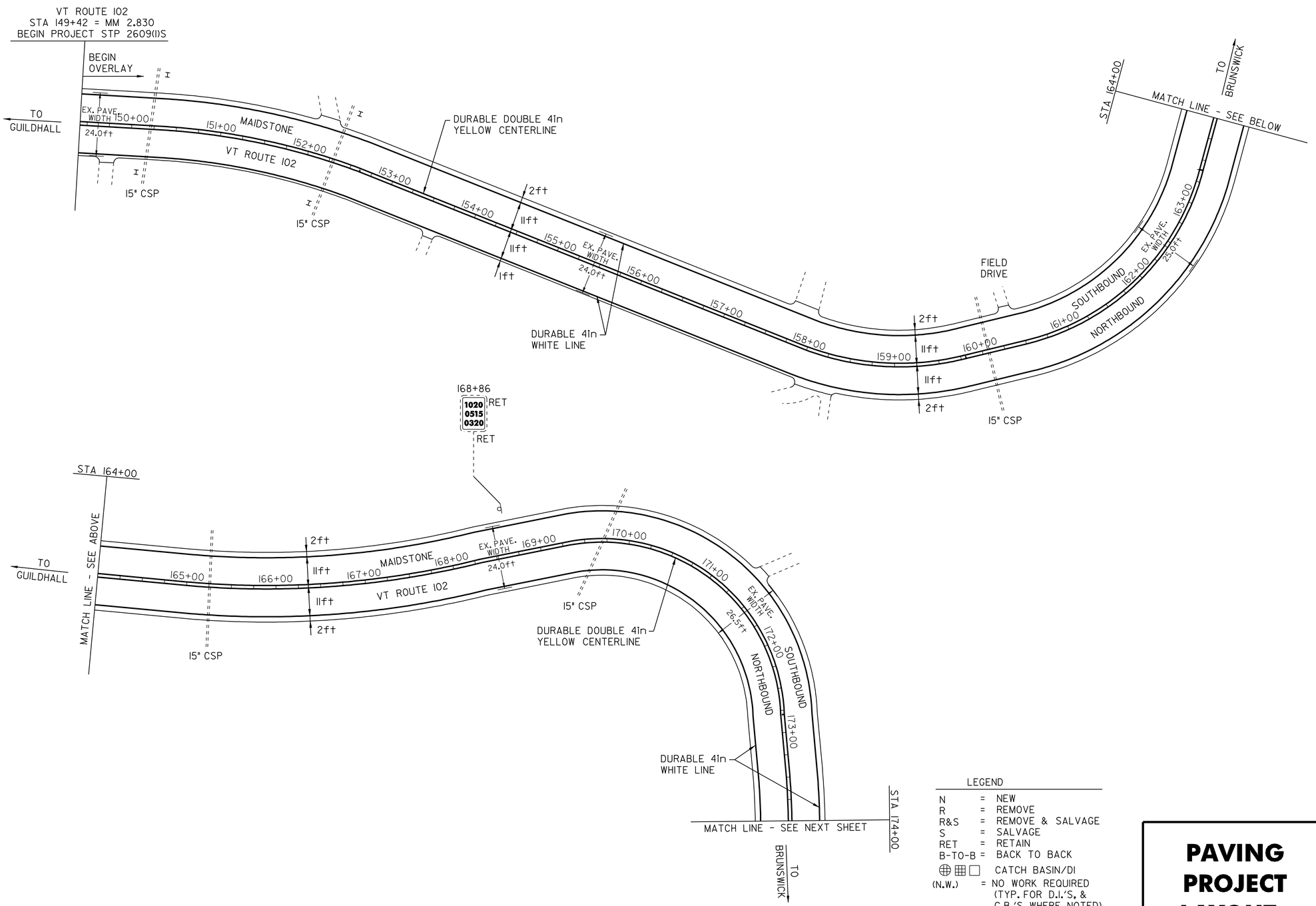
STA 149+42 TO 174+00	SOLID LT&RT

YIELDING MARKER POST

STA 150+23 LT&RT
STA 152+27 LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 149+42 TO 150+23 LT
STA 152+27 TO 157+50 LT
STA 161+00 TO 170+75 LT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

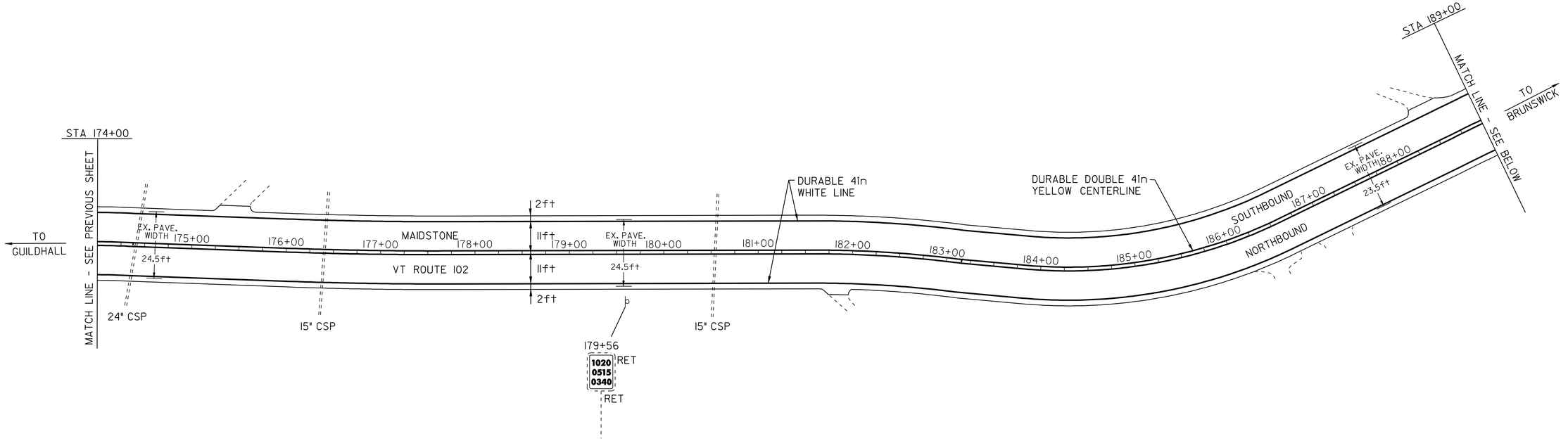
PAVING PROJECT LAYOUT SHEET #1

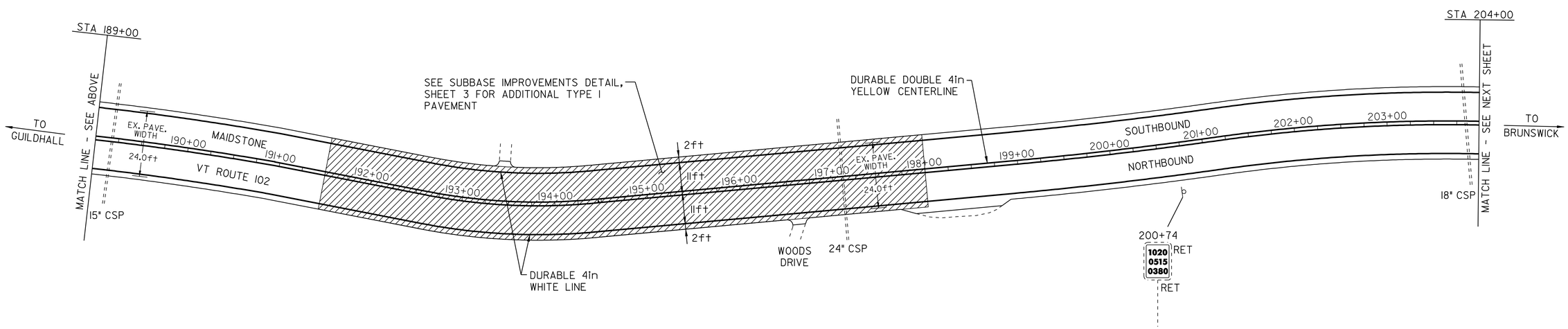
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p01.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **11** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 174+00 TO 204+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 174+00 TO 204+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 175+75 TO 187+00 LT
STA 193+50 TO 196+50 RT





LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #2

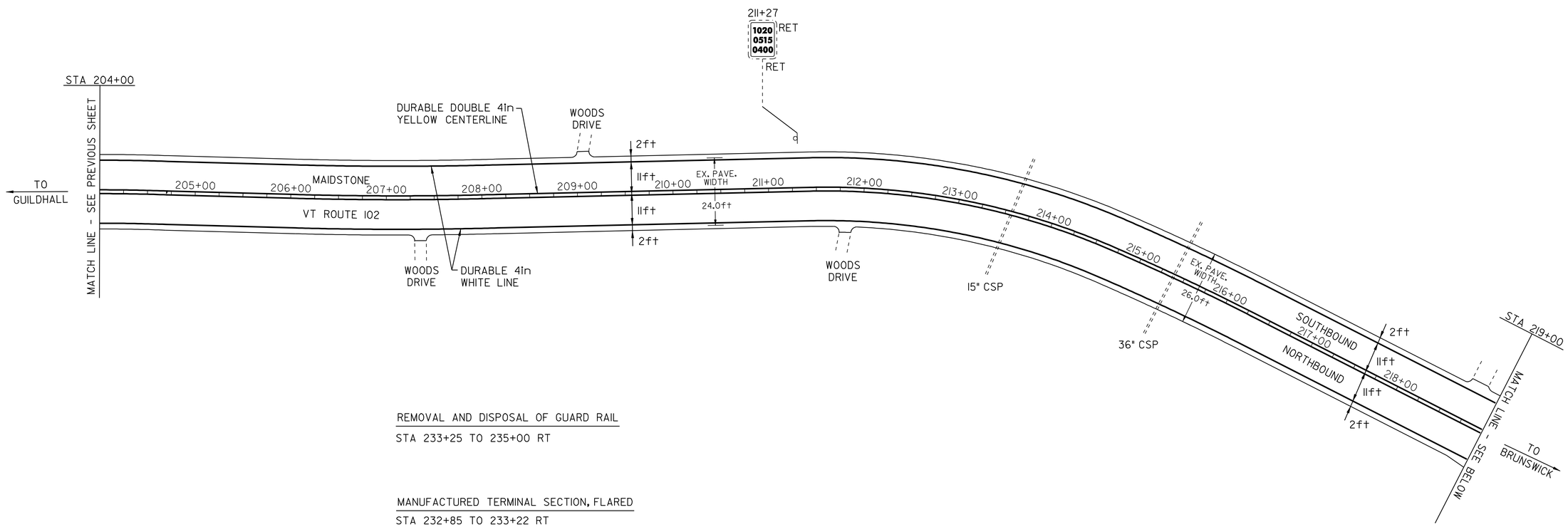
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p02.I DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **12** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 204+00 to 235+00 SOLID LT&R

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 204+00 TO 235+00 SOLID LT&RT

YIELDING MARKER POST
STA 219+69 LT
STA 227+50 LT

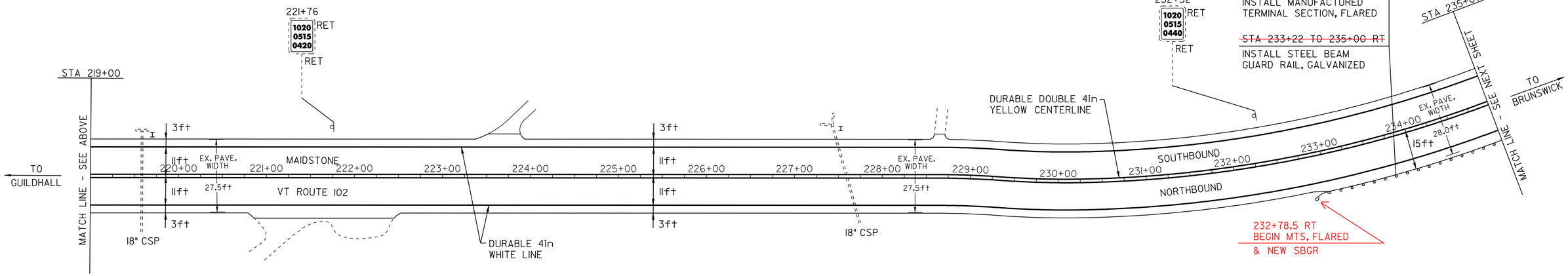
DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 204+00 TO 213+65 LT
STA 216+30 TO 218+30 LT



REMOVAL AND DISPOSAL OF GUARD RAIL
STA 233+25 TO 235+00 RT

MANUFACTURED TERMINAL SECTION, FLARED
STA 232+85 TO 233+22 RT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 233+22 TO 235+00 RT



STA 233+25 TO 235+00 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 232+85 TO 233+22 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 233+22 TO 235+00 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #3

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p03.I DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **13** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 235+00 TO 248+69	SOLID LT&RT
STA 248+69 TO 256+87	SOLID LT & DASHED RT
STA 256+87 TO 262+94	DASHED
STA 262+94 TO 265+00	DASHED LT & SOLID RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

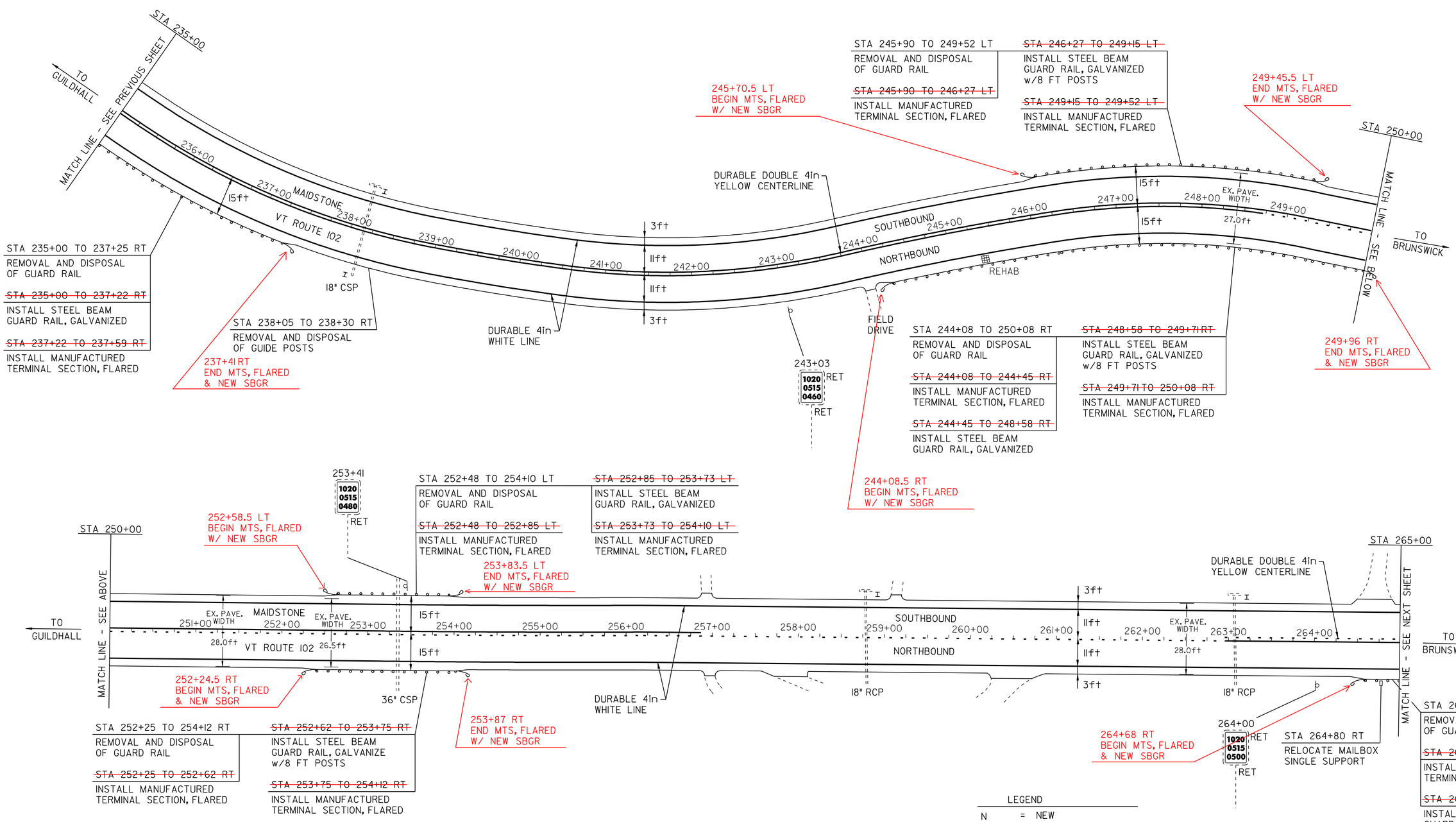
STA 235+00 TO 265+00	SOLID LT&RT

YIELDING MARKER POST

STA 238+15 LT&RT
STA 258+79 LT
STA 263+07 LT

REHABILITATION OF D.I., C.B., OR M.H.

STA 245+40 RT



~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 237+22 TO 237+59 RT~~
~~STA 244+08 TO 244+45 RT~~
~~STA 249+71TO 250+08 RT~~
~~STA 245+90 TO 246+27 LT~~
~~STA 249+15 TO 249+52 LT~~
~~STA 252+25 TO 252+62 RT~~
~~STA 252+48 TO 252+85 LT~~
~~STA 253+73 TO 254+10 LT~~
~~STA 253+75 TO 254+12 RT~~
~~STA 264+43 TO 264+80 RT~~

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 235+00 TO 237+25 RT
STA 244+08 TO 250+08 RT
STA 245+90 TO 249+52 LT
STA 252+25 TO 254+12 RT
STA 252+48 TO 254+10 LT
STA 264+80 TO 265+00 RT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 238+05 TO 238+30 RT - 3

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 235+00 TO 237+22 RT~~
~~STA 244+45 TO 248+58 RT~~
~~STA 252+85 TO 253+73 LT~~
~~STA 264+80 TO 265+00 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 248+58 TO 249+71RT~~
~~STA 246+27 TO 249+15 LT~~
~~STA 252+62 TO 253+75 RT~~

RELOCATE MAILBOX, SINGLE SUPPORT

STA 264+80 RT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #4

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p04.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **14** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 265+00 TO 270+07 DASHED LT & SOLID RT
STA 270+07 TO 295+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 265+00 TO 295+00 SOLID LT&RT

YIELDING MARKER POST

STA 267+06 LT
STA 270+20 LT
STA 273+55 LT
STA 278+76 LT
STA 293+91 LT

REHABILITATION OF D.I., C.B., OR M.H.

STA 291+31 RT

~~TREATED TIMBER CURB~~

~~STA 291+31 TO 292+37 RT~~

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 271+10 TO 271+40 RT - 3
STA 279+52 TO 280+45 RT - 7
STA 290+30 TO 291+30 RT - 4

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 265+00 TO 270+18 RT
STA 271+55 TO 275+05 RT
STA 282+40 TO 287+40 RT
STA 283+07 TO 284+45 LT
STA 291+30 TO 292+80 RT
STA 293+25 TO 295+15 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 269+81 TO 270+18 RT~~
~~STA 271+55 TO 271+92 RT~~
~~STA 275+05 TO 275+42 RT~~
~~STA 281+65 TO 282+02 RT~~
~~STA 282+70 TO 283+07 LT~~
~~STA 284+08 TO 284+45 LT~~
~~STA 287+40 TO 287+77 RT~~
~~STA 290+92 TO 291+30 RT~~
~~STA 293+12 TO 293+50 RT~~
~~STA 294+88 TO 295+25 RT~~

RELOCATE MAILBOX, SINGLE SUPPORT

STA 270+12 RT
STA 285+45 RT
STA 290+30 RT

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

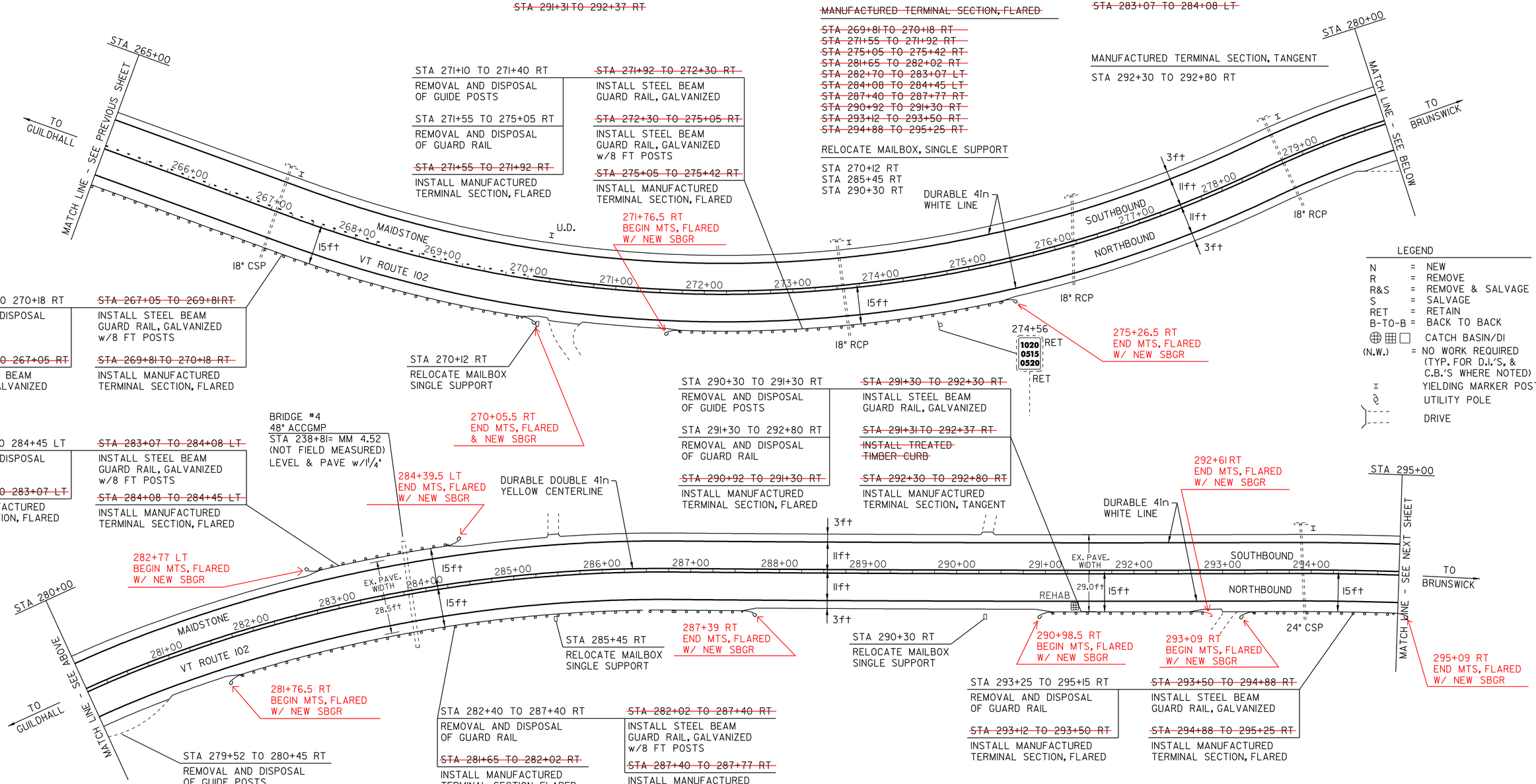
~~STA 265+00 TO 267+05 RT~~
~~STA 271+92 TO 272+30 RT~~
~~STA 291+30 TO 292+30 RT~~
~~STA 293+50 TO 294+88 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 267+05 TO 269+81 RT~~
~~STA 272+30 TO 275+05 RT~~
~~STA 282+02 TO 287+40 RT~~
~~STA 283+07 TO 284+08 LT~~

MANUFACTURED TERMINAL SECTION, TANGENT

STA 292+30 TO 292+80 RT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #5

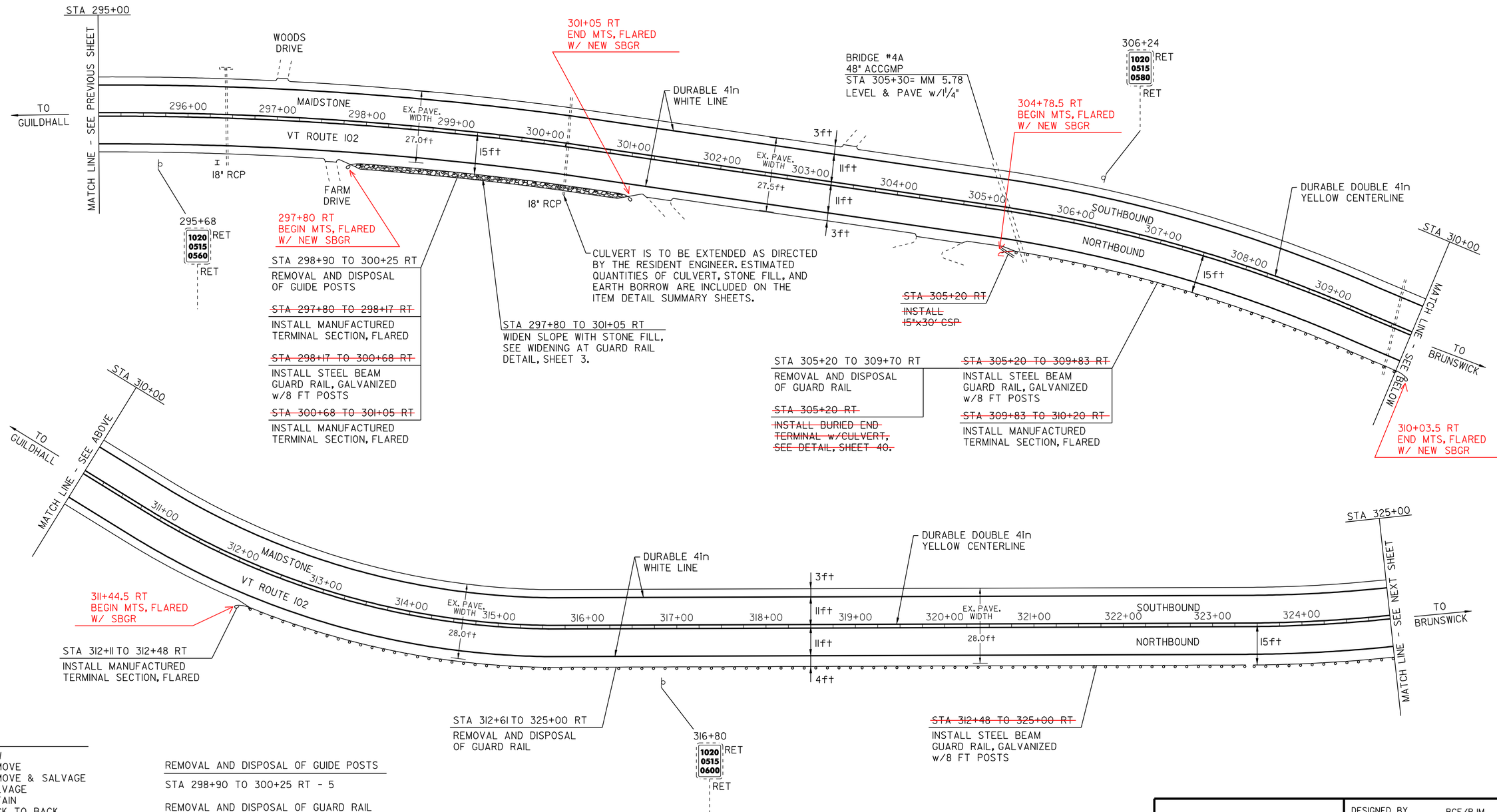
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p05.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **15** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 295+00 to 325+00 SOLID LT&R

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 295+00 TO 325+00 SOLID LT&RT

YIELDING MARKER POST
STA 296+43 RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 306+00 TO 316+00 LT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 298+90 TO 300+25 RT - 5

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 305+20 TO 309+70 RT
STA 312+61 TO 325+00 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 297+80 TO 298+17 RT~~
~~STA 300+68 TO 301+05 RT~~
~~STA 309+83 TO 310+20 RT~~
~~STA 312+11 TO 312+48 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 298+17 TO 300+68 RT~~
~~STA 305+20 TO 309+83 RT~~
~~STA 312+48 TO 325+00 RT~~

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA 305+20 RT - 2~~

PAVING PROJECT LAYOUT SHEET #6

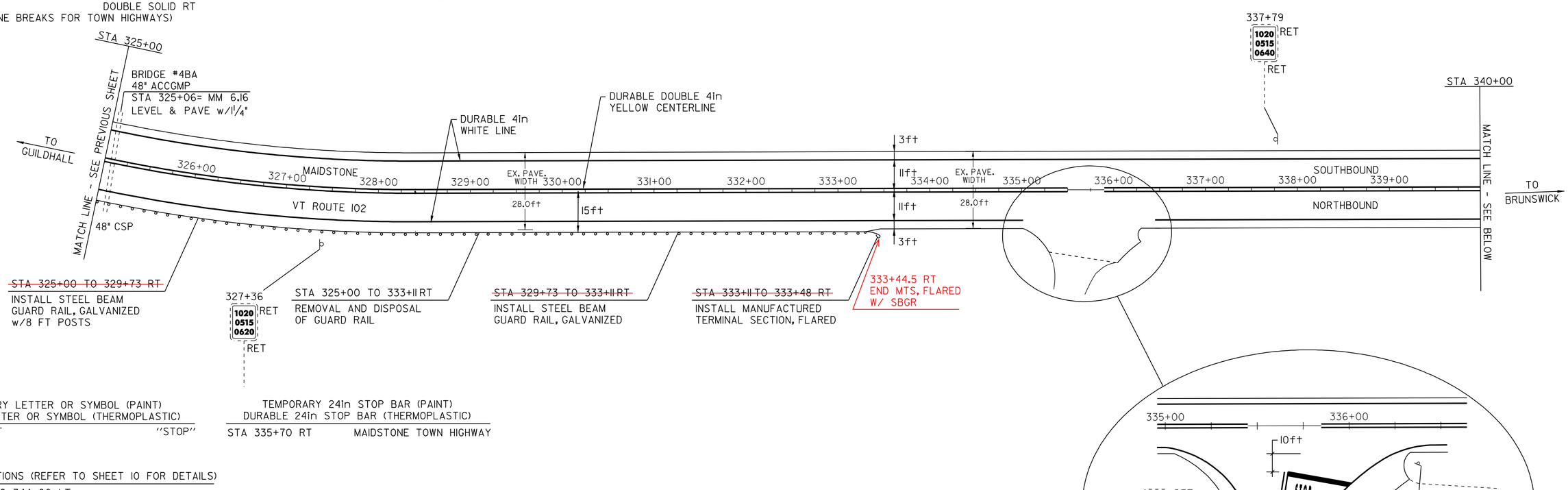
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p06.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **16** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 325+00 TO 355+00 SOLID LT&RT
STA 335+70 DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 325+00 TO 355+00 SOLID LT&RT

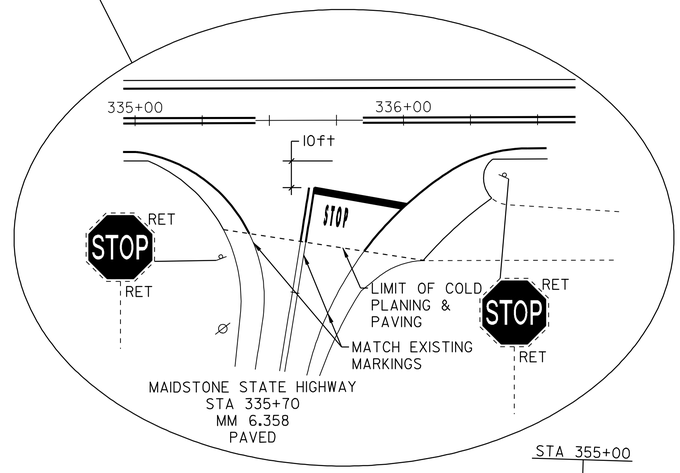


TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 335+70 RT ''STOP''

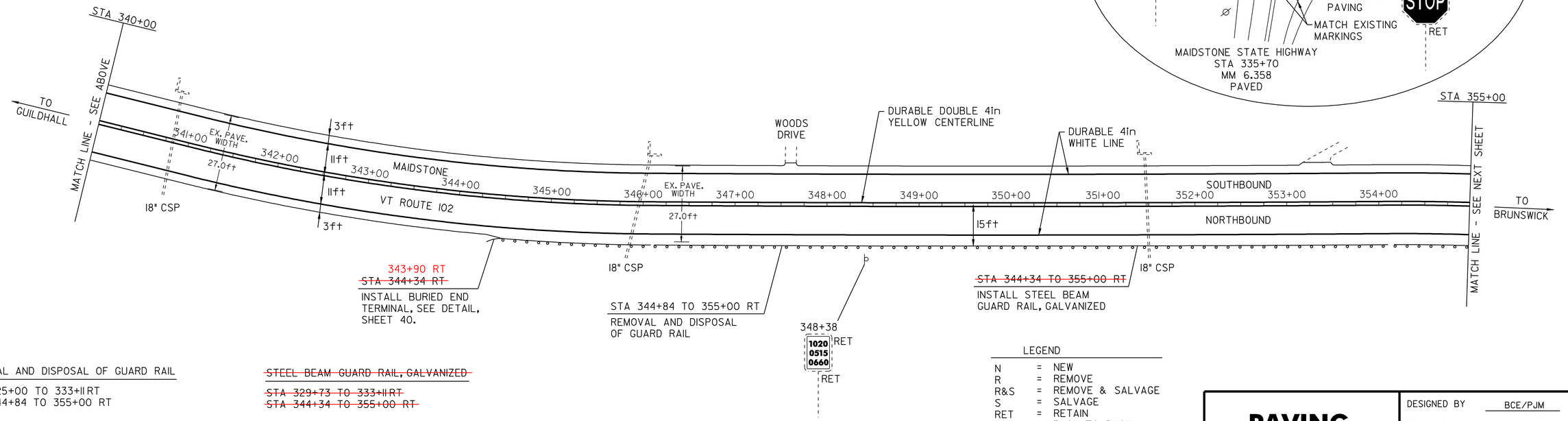
TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)

STA 335+70 RT MAIDSTONE TOWN HIGHWAY



DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 333+50 TO 344+00 LT
STA 346+00 TO 355+00 LT



REMOVAL AND DISPOSAL OF GUARD RAIL

STA 325+00 TO 333+11 RT
STA 344+84 TO 355+00 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~
~~STA 333+11 TO 333+48 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~
~~STA 329+73 TO 333+11 RT~~
~~STA 344+34 TO 355+00 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~
~~STA 325+00 TO 329+73 RT~~

ANCHOR FOR STEEL BEAM RAIL
~~STA 344+34 RT~~ - 2
343+90 RT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #7

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p07.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **17** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 355+00 TO 385+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 355+00 TO 385+00 SOLID LT&RT

YIELDING MARKER POST

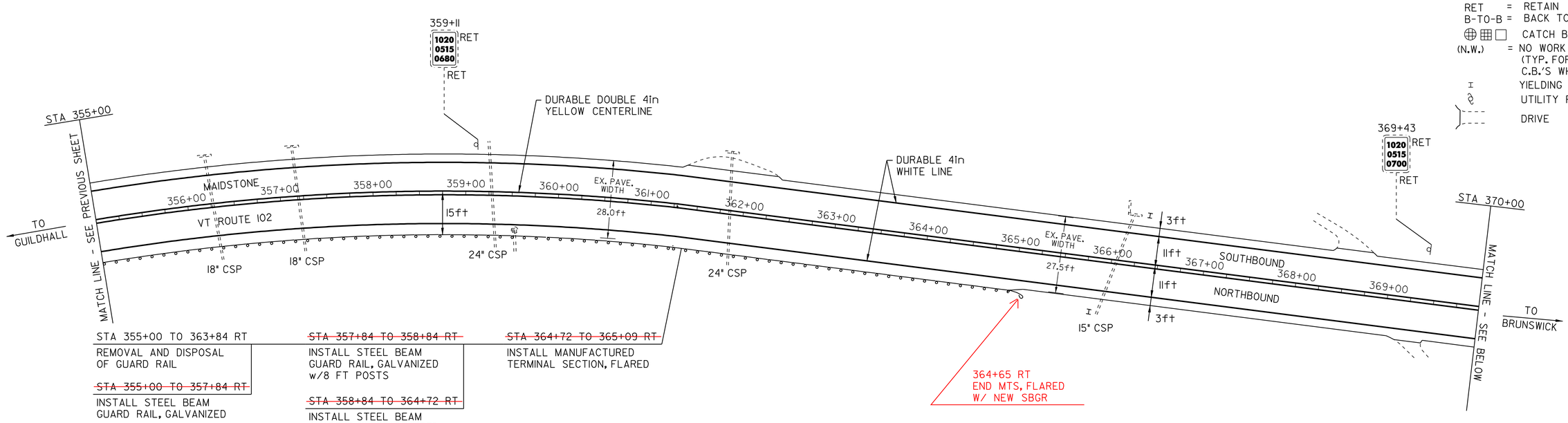
STA 365+87 RT
STA 366+21 LT
STA 375+08 RT

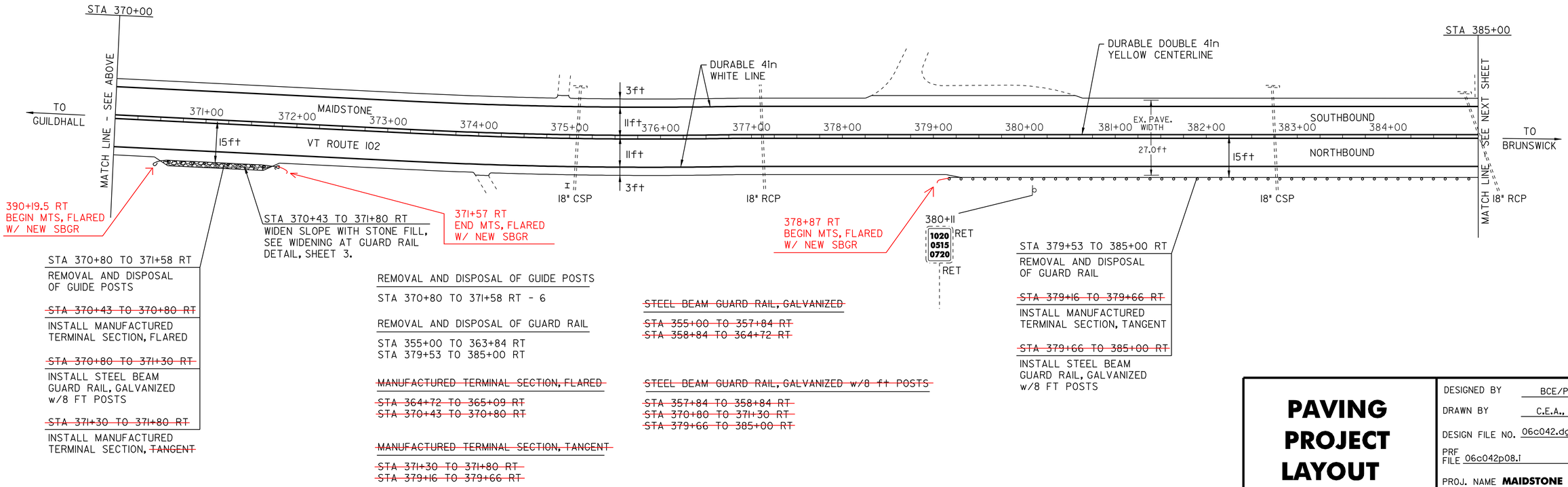
DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 355+00 TO 361+00 LT
STA 362+50 TO 368+25 LT
STA 369+00 TO 378+00 LT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE





PAVING PROJECT LAYOUT SHEET #8

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	06c042.dgn		
PRF FILE	06c042p08.i	DATE PLOTTED	24-AUG-2009
PROJ. NAME	**MAIDSTONE – BLOOMFIELD**		
PROJ. NO.	**STP 2609(1)S**		
SHEET	**18** OF **40** SHEETS		

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 385+00 TO 413+07	SOLID LT&RT
STA 395+37	DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 385+00 TO 413+07	SOLID LT&RT

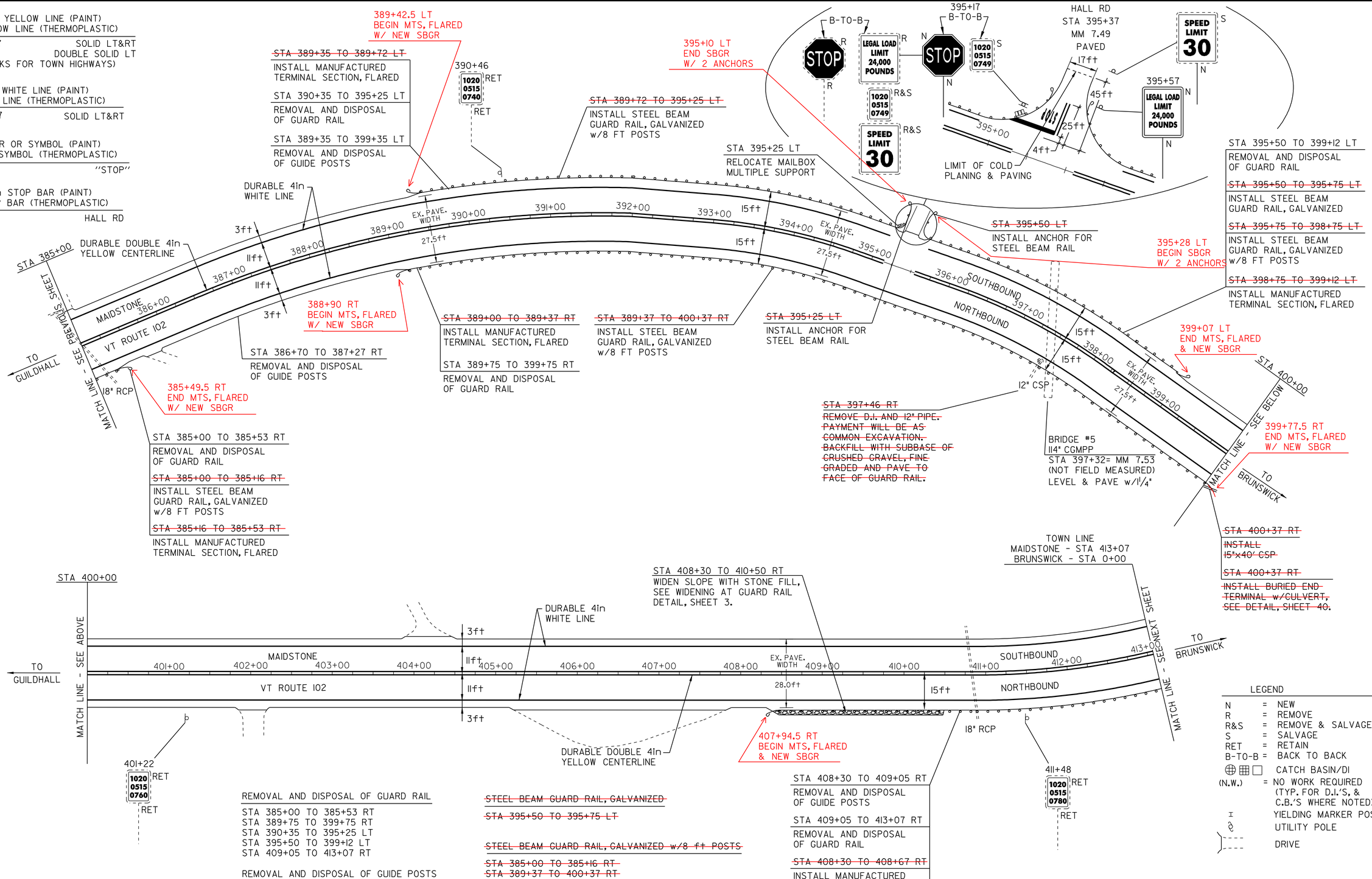
TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 395+37 LT	"STOP"

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)

STA 395+37 LT	HALL RD

REMOVING SIGNS
4



REMOVAL AND DISPOSAL OF GUARD RAIL

STA 385+00 TO 385+53 RT	
STA 389+75 TO 399+75 RT	
STA 390+35 TO 395+25 LT	
STA 395+50 TO 399+12 LT	
STA 409+05 TO 413+07 RT	

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 386+70 TO 387+27 RT	- 3
STA 389+35 TO 399+35 LT	- 4
STA 408+30 TO 409+05 RT	- 7

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 385+16 TO 385+53 RT~~	
~~STA 389+00 TO 389+37 RT~~	
~~STA 389+35 TO 389+72 LT~~	
~~STA 398+75 TO 399+12 LT~~	
~~STA 408+30 TO 408+67 RT~~	

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 395+50 TO 395+75 LT~~	

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 385+00 TO 385+16 RT~~	
~~STA 389+37 TO 400+37 RT~~	
~~STA 389+72 TO 395+25 LT~~	
~~STA 395+75 TO 398+75 LT~~	
~~STA 408+67 TO 413+07 RT~~	

ANCHOR FOR STEEL BEAM RAIL

~~STA 395+25 LT - 1~~	394+80 LT	395+46 LT
~~STA 395+50 LT - 1~~	395+10 LT	
~~STA 400+37 RT - 2~~	395+28 LT	

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 395+25 LT	- 3

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #9

DESIGNED BY	BCE/PJM DATE 10-06
DRAWN BY	C.E.A., INC. DATE 10-06
DESIGN FILE NO.	06c042.dgn
PRF FILE	06c042p09.I DATE PLOTTED 24-AUG-2009
PROJ. NAME	**MAIDSTONE - BLOOMFIELD**
PROJ. NO.	**STP 2609(1)S**
SHEET	**19** OF **40** SHEETS

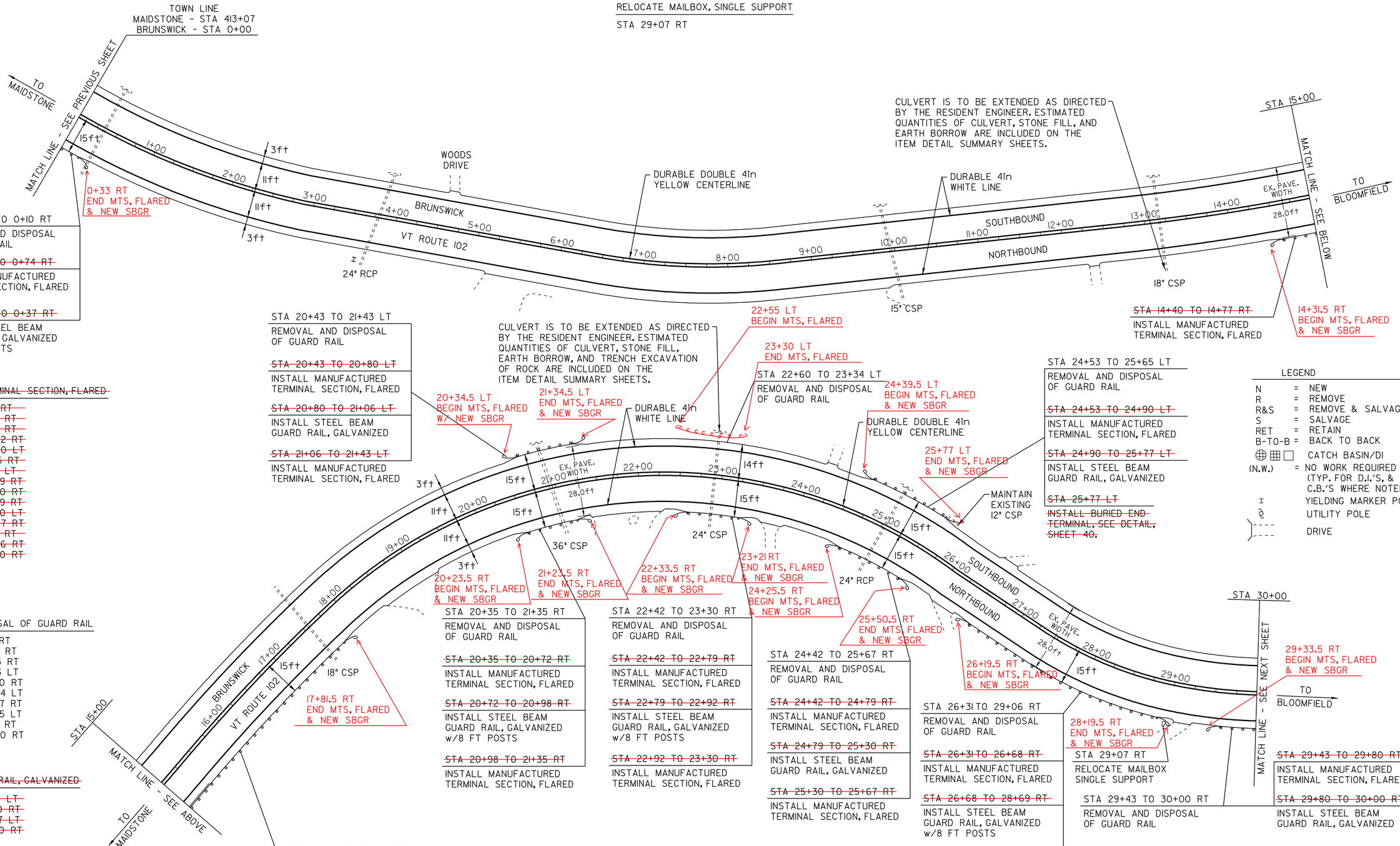
TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 0+00 TO 30+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 0+00 TO 30+00 SOLID LT&RT

YIELDING MARKER POST
STA 3+66 RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 0+30 TO 3+25 LT

RELOCATE MAILBOX, SINGLE SUPPORT
STA 29+07 RT



~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 0+37 TO 0+74 RT~~
~~STA 14+40 TO 14+77 RT~~
~~STA 17+53 TO 17+90 RT~~
~~STA 20+35 TO 20+72 RT~~
~~STA 20+43 TO 20+80 LT~~
~~STA 20+98 TO 21+35 RT~~
~~STA 21+06 TO 21+43 LT~~
~~STA 22+42 TO 22+79 RT~~
~~STA 22+92 TO 23+30 RT~~
~~STA 24+42 TO 24+79 RT~~
~~STA 24+53 TO 24+90 LT~~
~~STA 25+30 TO 25+67 RT~~
~~STA 26+31 TO 26+68 RT~~
~~STA 28+69 TO 29+06 RT~~
~~STA 29+43 TO 29+80 RT~~

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 0+00 TO 0+10 RT
STA 14+40 TO 17+90 RT
STA 20+35 TO 21+35 RT
STA 20+43 TO 21+43 LT
STA 22+42 TO 23+30 RT
STA 22+60 TO 23+34 LT
STA 24+42 TO 25+67 RT
STA 24+53 TO 25+65 LT
STA 26+31 TO 29+06 RT
STA 29+43 TO 30+00 RT

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 20+80 TO 21+06 LT~~
~~STA 24+79 TO 25+30 RT~~
~~STA 24+90 TO 25+77 LT~~
~~STA 29+80 TO 30+00 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 0+00 TO 0+37 RT~~
~~STA 14+77 TO 17+53 RT~~
~~STA 20+72 TO 20+98 RT~~
~~STA 22+79 TO 22+92 RT~~
~~STA 26+68 TO 28+69 RT~~

ANCHOR FOR STEEL BEAM RAIL

STA 25+77 LT - 2

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #10

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p10.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **20** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 30+00 TO 60+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 30+00 TO 60+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 38+50 TO 48+75 LT
STA 56+50 TO 60+00 LT

STA 35+18 TO 36+68 LT

REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 35+18 TO 35+55 LT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 35+55 TO 36+31LT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 36+31TO 36+68 LT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

35+02.5 LT
BEGIN MTS, FLARED
& NEW SBGR

36+52.5 LT
END MTS, FLARED
& NEW SBGR

DURABLE DOUBLE 4in YELLOW CENTERLINE

42+18
1020 0505 0080 RET
RET

STA 45+00

MATCH LINE - SEE PREVIOUS SHEET

STA 30+00

TO MAIDSTONE

BRUNSWICK
VT ROUTE 102

SOUTHBOUND
NORTHBOUND

15ft
11ft
11ft
3ft
3ft

EX. PAVE. WIDTH
28.0ft

DURABLE 4in WHITE LINE

36+33.5 RT
END MTS, FLARED
& NEW SBGR

36" CSP

18" CSP

5.0ft

31+68
1020 0505 0060 RET
RET

STA 30+00 TO 36+43 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 30+00 TO 34+56 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 34+56 TO 36+06 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 36+06 TO 36+43 RT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

MATCH LINE - SEE BELOW

TO BLOOMFIELD

STA 60+00

MATCH LINE - SEE NEXT SHEET

TO MAIDSTONE

TO BLOOMFIELD

STA 45+00

MATCH LINE - SEE ABOVE

EX. PAVE. WIDTH
28.5ft

56+49
STA ~~57+60~~ TO 60+00 RT

INSTALL TREATED TIMBER CURB

18" CSP

~~STA 47+46 TO 47+83 RT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

47+21.5 RT
BEGIN MTS, FLARED
& NEW SBGR

~~STA 47+83 TO 51+58 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

DURABLE DOUBLE 4in YELLOW CENTERLINE

DURABLE 4in WHITE LINE

~~STA 51+58 TO 60+00 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

STA 47+46 TO 60+00 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 30+00 TO 36+43 RT
STA 35+18 TO 36+68 LT
STA 47+46 TO 60+00 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 36+06 TO 36+43 RT~~
~~STA 35+18 TO 35+55 LT~~
~~STA 36+31TO 36+68 LT~~
~~STA 47+46 TO 47+83 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 30+00 TO 34+56 RT~~
~~STA 35+55 TO 36+31LT~~
~~STA 47+83 TO 51+58 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 34+56 TO 36+06 RT~~
~~STA 51+58 TO 60+00 RT~~

TREATED TIMBER CURB

STA ~~57+60~~ TO 60+00 RT
56+49

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #11

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pll.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **21** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 60+00 TO 68+11	SOLID LT&RT
STA 68+11 TO 74+71	SOLID LT & DASHED RT
STA 74+71 TO 75+77	SOLID LT&RT
STA 75+77 TO 82+10	DASHED LT & SOLID RT
STA 82+10 TO 90+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 60+00 TO 90+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 60+00 TO 64+00 LT
STA 70+75 TO 72+80 LT

YIELDING MARKER POST

STA 70+75 LT
STA 72+79 LT

63+51 RET
1020 0505 0120
RET

65+82.5 LT
BEGIN MTS, FLARED
& NEW SBGR

DURABLE 4in WHITE LINE

STA 66+01 TO 69+38 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 66+01 TO 66+38 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 66+38 TO 69+01 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 69+01 TO 69+38 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

BRIDGE #5A
48" CSP
STA 67+98= MM 1.29
LEVEL & PAVE w/1¼"

69+20 LT
END MTS, FLARED
& NEW SBGR

~~STA 73+80 TO 74+17 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 73+80 TO 77+05 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

73+52 LT
BEGIN MTS, FLARED
& NEW SBGR

STA 60+00
TO MAIDSTONE
MATCH LINE - SEE PREVIOUS SHEET
3ft
11ft
15ft
EX. PAVE. WIDTH
28.0ft
61+00
62+00
63+00
64+00
65+00
66+00
67+00
68+00
69+00
70+00
71+00
72+00
73+00
74+00
BRUNSWICK
VT ROUTE 102
EX. PAVE. WIDTH
28.5ft
15ft
SOUTHBOUND
NORTHBOUND
STA 75+00
MATCH LINE - SEE BELOW
TO BLOOMFIELD

~~STA 66+88 TO 67+25 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

62+15.5
STA ~~62+30~~ RT
BITUMINOUS CONCRETE GUTTER, SEE DETAIL, SHEET 3.

18" CSP

DURABLE DOUBLE 4in YELLOW CENTERLINE

66+68.5 RT
BEGIN MTS, FLARED
& NEW SBGR

65+21.5 RT, END SBGR
W/ ANCHOR @ 60+84 RT
& ANCHOR @ 65+21.5 RT

30" CSP

STA 66+88 TO 78+50 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

18" CSP

~~STA 67+25 TO 78+13 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

73+92 RET
1020 0505 0140
RET

STA 60+00 TO 65+24 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 60+00 TO 65+24 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

STA 60+00 TO ~~62+30~~ 62+15.5 RT
INSTALL TREATED TIMBER CURB

~~STA 65+24 RT~~
INSTALL ANCHOR FOR STEEL BEAM RAIL

84+44 RET
1020 0505 0160
RET

STA 85+53 TO 88+78 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 85+53 TO 85+90 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 85+90 TO 88+41 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 88+41 TO 88+78 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

87+96.5 LT
END MTS, FLARED
& NEW SBGR

~~STA 74+17 TO 76+68 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 76+68 TO 77+05 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

76+77 LT
END MTS, FLARED
& NEW SBGR

STA 75+00
MATCH LINE - SEE ABOVE
TO MAIDSTONE
EX. PAVE. WIDTH
28.0ft
15ft
BRUNSWICK
VT ROUTE 102
76+00
77+00
78+00
79+00
80+00
81+00
82+00
83+00
84+00
85+00
86+00
87+00
88+00
89+00
3ft
11ft
15ft
EX. PAVE. WIDTH
28.5ft
SOUTHBOUND
NORTHBOUND
STA 90+00
MATCH LINE - SEE NEXT SHEET
TO BLOOMFIELD

DURABLE 4in WHITE LINE

DURABLE DOUBLE 4in YELLOW CENTERLINE

85+21.5 LT
BEGIN MTS, FLARED
& NEW SBGR

78+18.5 RT
END MTS, FLARED
& NEW SBGR

~~STA 78+13 TO 78+50 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

83+93.5 RT
BEGIN MTS, FLARED
& NEW SBGR

85+68.5 RT
END MTS, FLARED
& NEW SBGR

STA 84+25 TO 86+00 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 84+25 TO 84+62 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 84+62 TO 85+63 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 85+63 TO 86+00 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 60+00 TO 65+24 RT
STA 66+01 TO 69+38 LT
STA 66+88 TO 78+50 RT
STA 73+80 TO 77+05 LT
STA 84+25 TO 86+00 RT
STA 85+53 TO 88+78 LT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 66+01 TO 66+38 LT~~
~~STA 66+88 TO 67+25 RT~~
~~STA 69+01 TO 69+38 LT~~
~~STA 73+80 TO 74+17 LT~~
~~STA 76+68 TO 77+05 LT~~
~~STA 78+13 TO 78+50 RT~~
~~STA 84+25 TO 84+62 RT~~
~~STA 85+53 TO 85+90 LT~~
~~STA 85+63 TO 86+00 RT~~
~~STA 88+41 TO 88+78 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 60+00 TO 65+24 RT~~
~~STA 67+25 TO 78+13 RT~~
~~STA 74+17 TO 76+68 LT~~
~~STA 85+90 TO 88+41 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 66+38 TO 69+01 LT~~
~~STA 84+62 TO 85+63 RT~~

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA 65+24 RT~~

TREATED TIMBER CURB

STA 60+00 TO ~~62+30~~ 62+15.5 RT

BITUMINOUS CONCRETE GUTTER (SEE DETAIL, SHEET 3)

STA ~~62+30~~ 62+15.5 RT (30' LONG)

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #12

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl2.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **22** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 90+00 TO 91+34	SOLID LT&RT
STA 91+34 TO 99+00	SOLID LT & DASHED RT
STA 99+00 TO 107+18	DASHED LT & SOLID RT
STA 107+18 TO 120+00	SOLID LT&RT
STA 116+50	DOUBLE SOLID LT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 90+00 TO 120+00	SOLID LT&RT

TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 116+50 LT	"STOP"

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)

STA 116+50 LT	SFH

REMOVING SIGNS

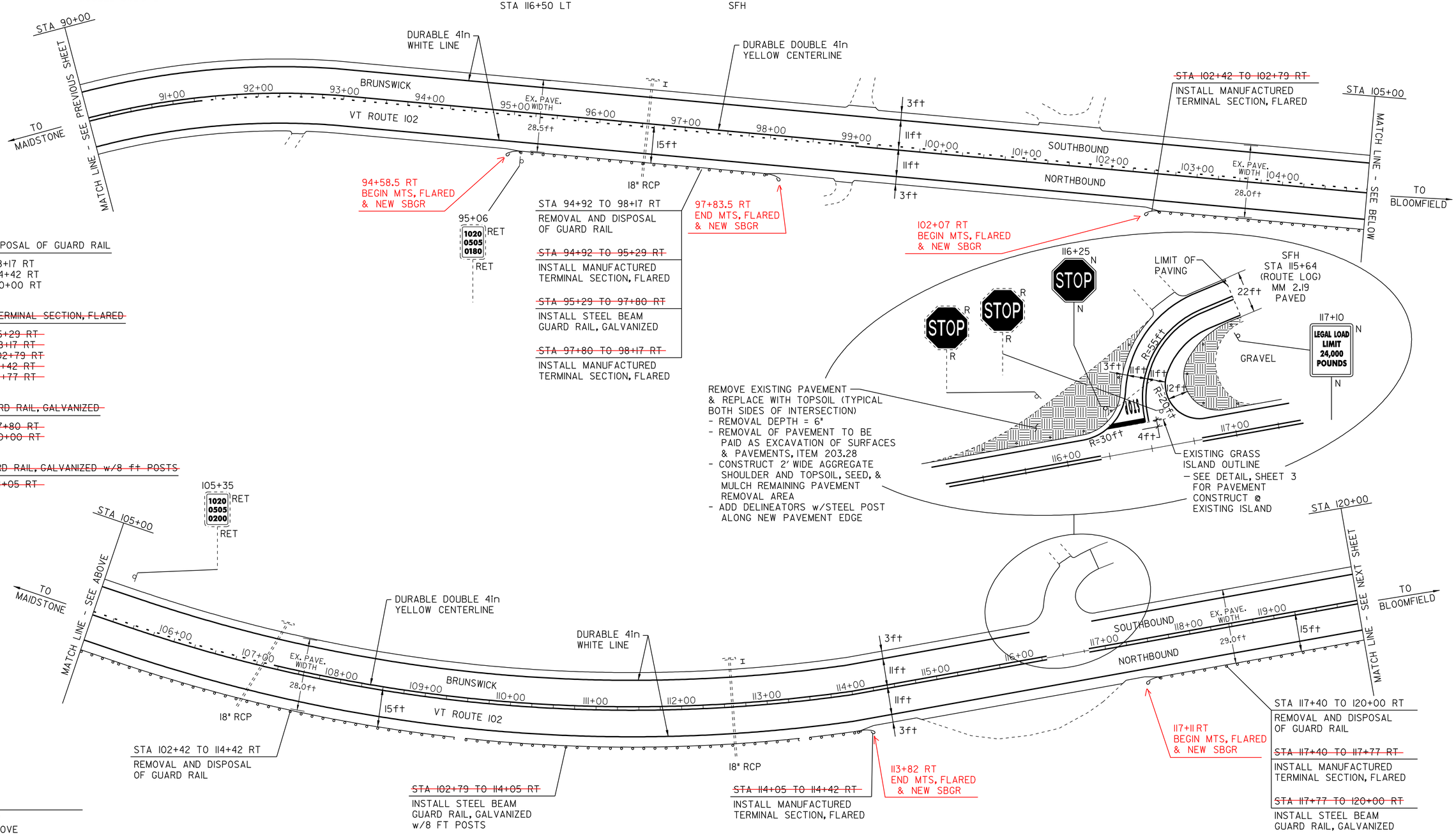
2

YIELDING MARKER POST

STA 96+56 LT
STA 112+60 LT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 103+00 TO 105+00 LT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ ☐		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #13

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl3.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **23** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 120+00 TO 150+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 120+00 TO 150+00	SOLID LT&RT

YIELDING MARKER POST

STA 120+50 LT

REMOVING SIGNS

9

H.D. STEEL BEAM GUARD RAIL, GALVANIZED

STA 136+33 TO 136+58 LT
STA 136+41 TO 136+66 RT
STA 137+70 TO 137+95 LT
STA 137+84 TO 138+09 RT

REMOVAL OF EXISTING RAILING

STA 136+58 TO 137+70 LT
STA 136+66 TO 137+84 RT

SPECIAL PROVISION (BRIDGE RAILING REPAIR, TYPE II)

STA 136+58 TO 137+70 LT
STA 136+66 TO 137+84 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 120+00 TO 122+40 RT
STA 126+03 TO 128+78 RT
STA 126+94 TO 128+94 LT
STA 128+96 TO 130+71 RT
STA 134+79 TO 136+66 RT
STA 135+83 TO 136+58 LT
STA 137+70 TO 138+08 LT
STA 137+84 TO 138+34 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 122+03 TO 122+40 RT~~
~~STA 126+03 TO 126+40 RT~~
~~STA 126+94 TO 127+31 LT~~
~~STA 128+41 TO 128+78 RT~~
~~STA 128+57 TO 128+94 LT~~
~~STA 128+96 TO 129+33 RT~~
~~STA 130+34 TO 130+71 RT~~
~~STA 134+79 TO 135+16 RT~~
~~STA 135+83 TO 136+20 LT~~
~~STA 138+09 TO 138+46 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 120+00 TO 122+03 RT~~
~~STA 126+40 TO 128+41 RT~~
~~STA 127+31 TO 128+57 LT~~
~~STA 129+33 TO 130+34 RT~~
~~STA 136+20 TO 136+33 LT~~
~~STA 137+95 TO 138+08 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

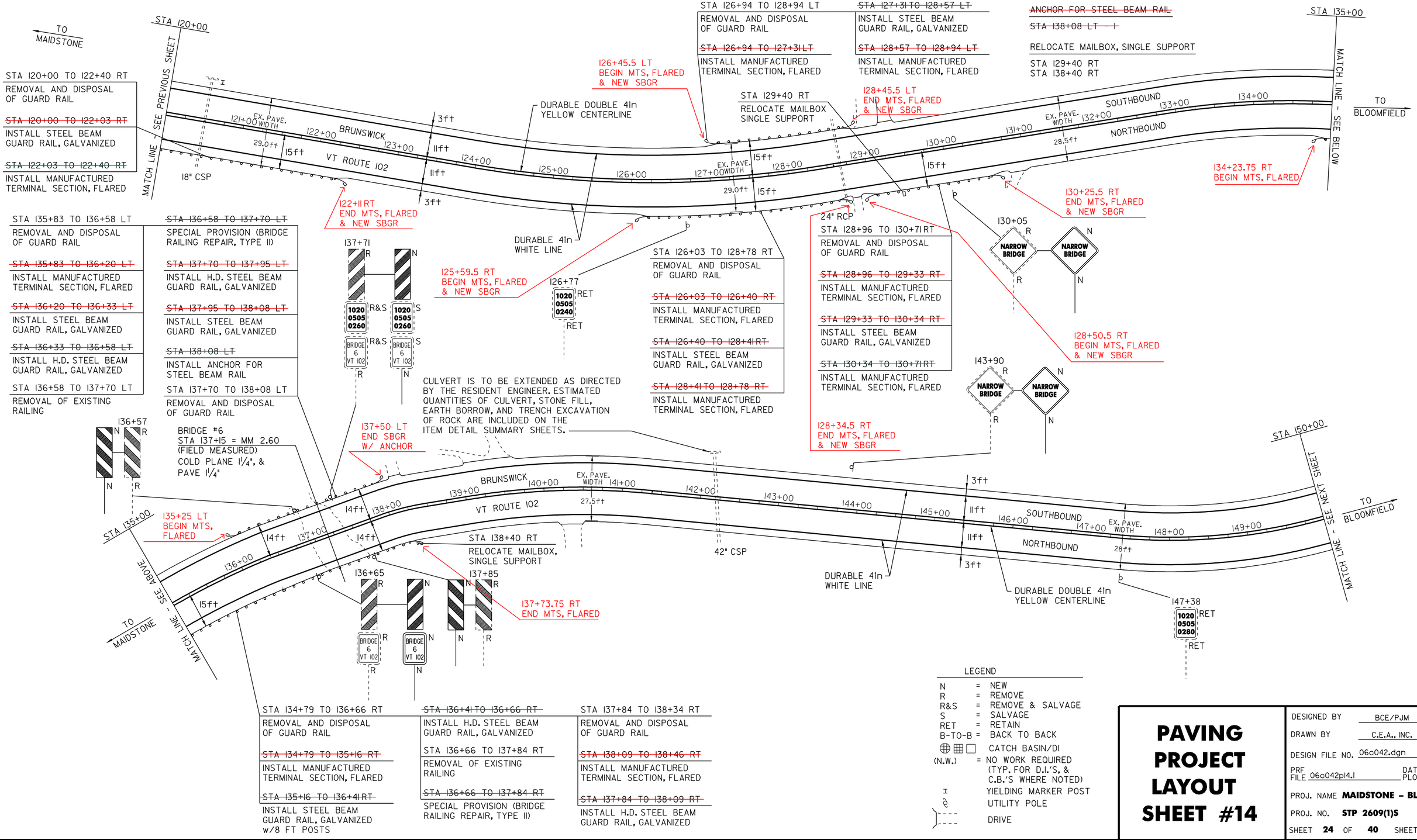
~~STA 135+16 TO 136+41 RT~~

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA 138+08 LT 1~~

RELOCATE MAILBOX, SINGLE SUPPORT

STA 129+40 RT
STA 138+40 RT



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #14

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl4.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **24** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 150+00 TO 162+62	SOLID LT&RT
STA 162+62 TO 170+02	SOLID LT & DASHED RT
STA 170+02 TO 170+54	DASHED
STA 170+54 TO 177+94	DASHED LT & SOLID RT
STA 177+94 TO 180+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

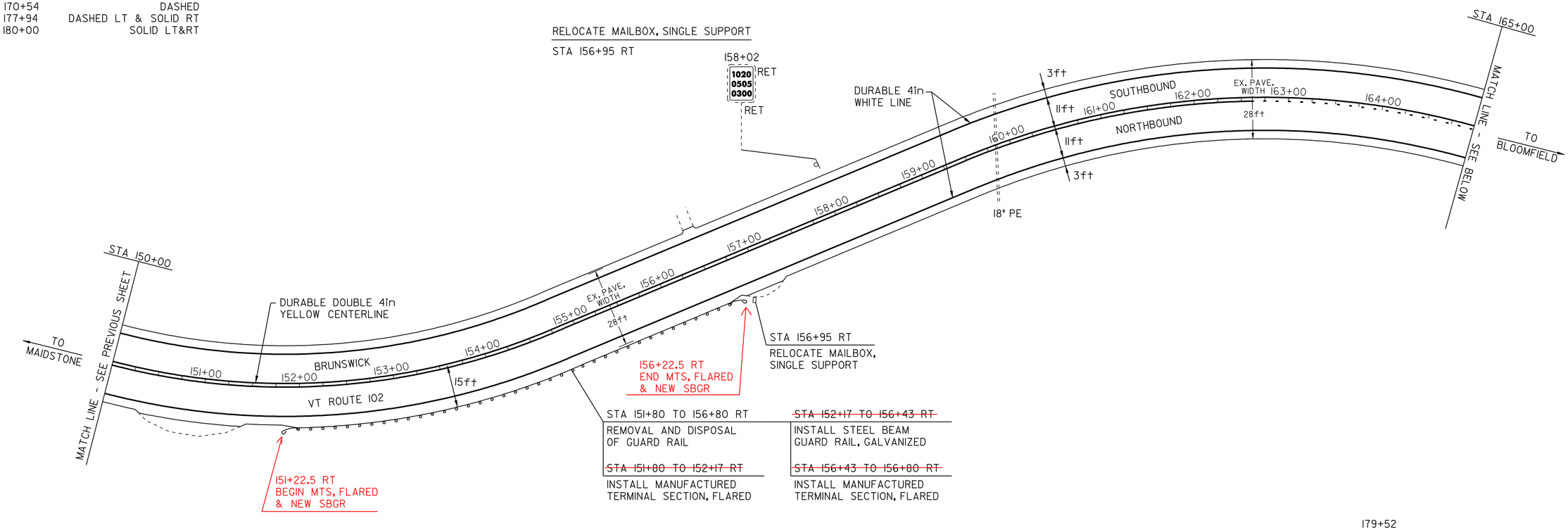
STA 150+00 TO 180+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 150+00 TO 152+00 LT
STA 157+25 TO 158+75 LT

RELOCATE MAILBOX, SINGLE SUPPORT

STA 156+95 RT

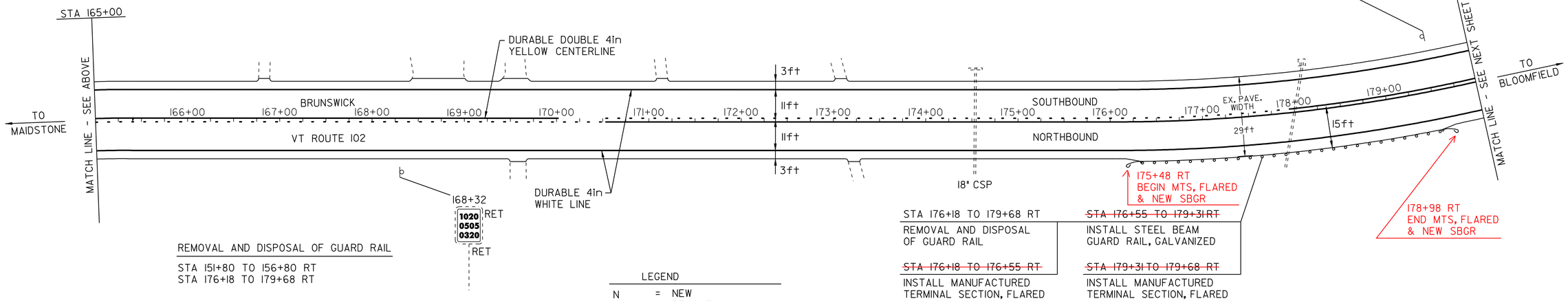


STA 151+80 TO 156+80 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 151+80 TO 152+17 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 152+17 TO 156+43 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 156+43 TO 156+80 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED



STA 176+18 TO 179+68 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 176+18 TO 176+55 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 176+55 TO 179+31RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 179+31TO 179+68 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 151+80 TO 156+80 RT
STA 176+18 TO 179+68 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 151+80 TO 152+17 RT~~
~~STA 156+43 TO 156+80 RT~~
~~STA 176+18 TO 176+55 RT~~
~~STA 179+31TO 179+68 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 152+17 TO 156+43 RT~~
~~STA 176+55 TO 179+31RT~~

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #15

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl5.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **25** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 180+00 TO 210+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

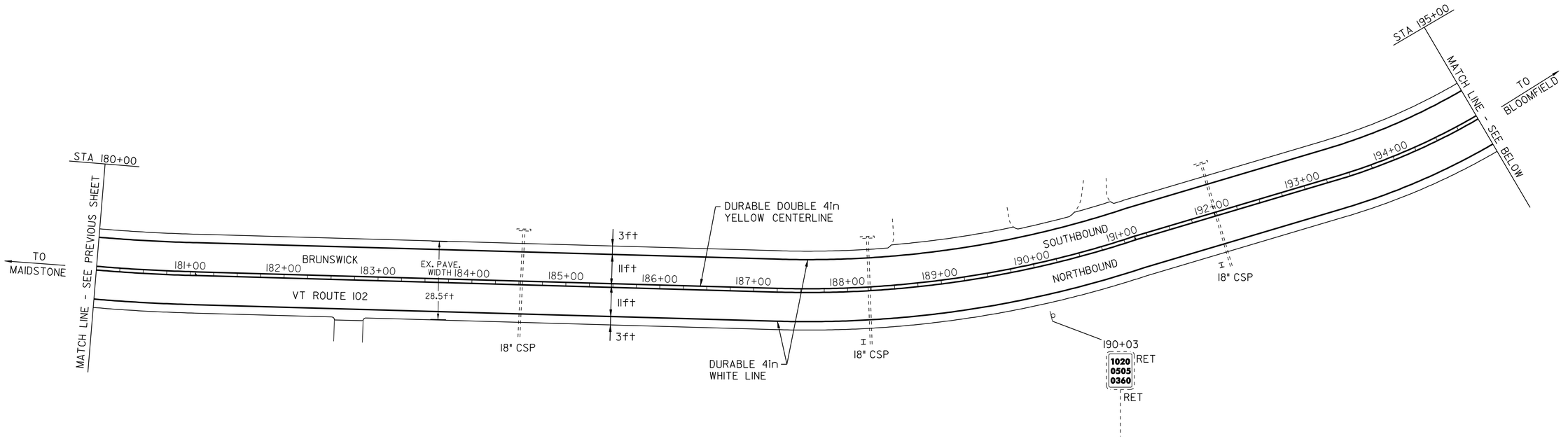
STA 180+00 TO 210+00 SOLID LT&RT

YIELDING MARKER POST

STA 188+23 RT
STA 192+02 RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 191+00 TO 199+00 LT
STA 203+50 TO 205+20 LT



REMOVAL AND DISPOSAL OF GUARD RAIL

STA 195+40 TO 201+40 RT
STA 200+75 TO 203+50 LT

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 195+77 TO 199+40 RT~~
~~STA 201+12 TO 203+13 LT~~

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 195+40 TO 195+77 RT~~
~~STA 201+03 TO 201+40 RT~~
~~STA 200+75 TO 201+12 LT~~
~~STA 203+13 TO 203+50 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 199+40 TO 201+03 RT~~

199+97.5 LT
BEGIN MTS, FLARED
& NEW SBGR

STA 200+75 TO 203+50 LT

REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 200+75 TO 201+12 LT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

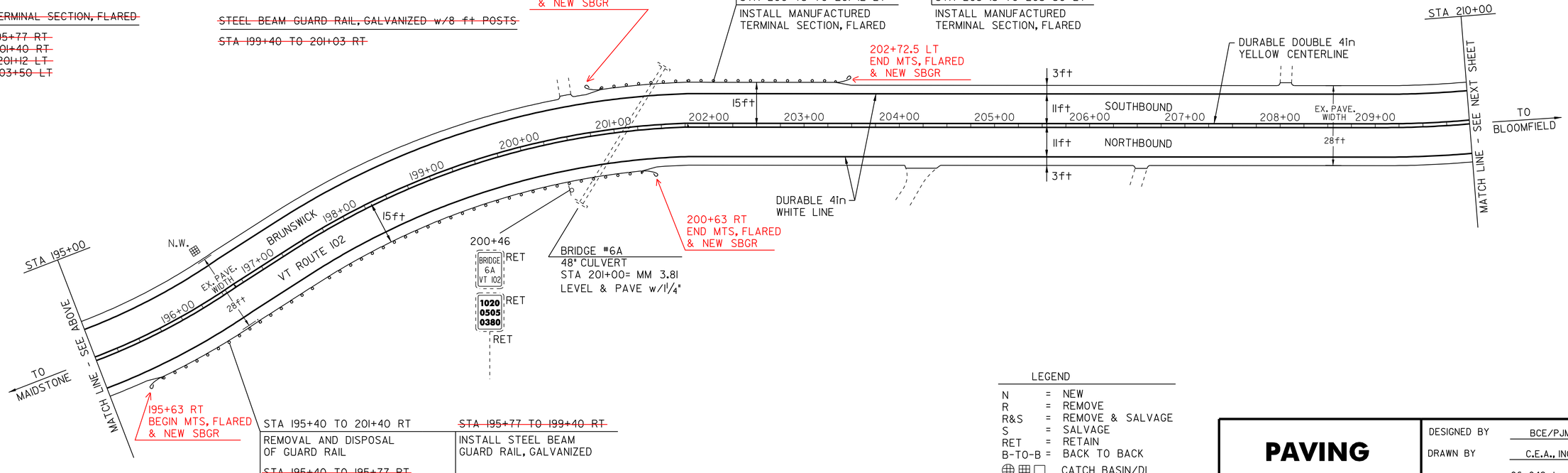
~~STA 201+12 TO 203+13 LT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 203+13 TO 203+50 LT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

202+72.5 LT
END MTS, FLARED
& NEW SBGR



STA 195+40 TO 201+40 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 195+40 TO 195+77 RT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 195+77 TO 199+40 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 199+40 TO 201+03 RT~~

INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 201+03 TO 201+40 RT~~

INSTALL MANUFACTURED TERMINAL SECTION, FLARED

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ ☐		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #16

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl6.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **26** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 210+00 TO 240+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 210+00 TO 240+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 210+00 TO 212+25 LT
STA 217+50 TO 220+00 LT
STA 225+75 TO 231+50 LT
STA 232+75 TO 234+40 RT
STA 237+00 TO 240+00 LT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 226+25 TO 226+62 RT~~
~~STA 230+13 TO 230+50 RT~~
~~STA 234+51 TO 234+88 LT~~
~~STA 234+75 TO 235+12 RT~~
~~STA 237+13 TO 237+50 RT~~
~~STA 238+90 TO 239+27 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 226+62 TO 230+13 RT~~
~~STA 239+27 TO 240+00 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

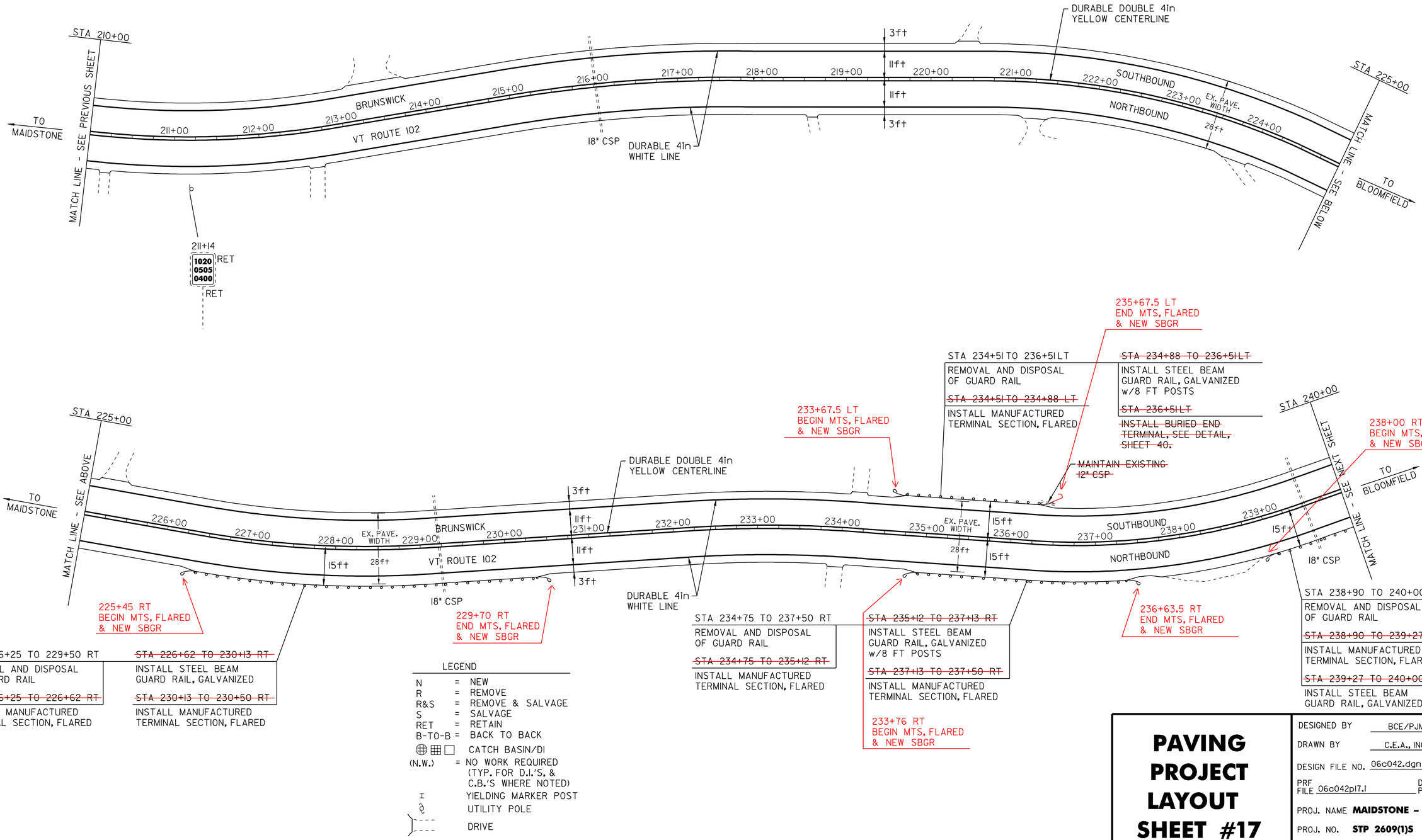
~~STA 234+88 TO 236+51 LT~~
~~STA 235+12 TO 237+13 RT~~

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 226+25 TO 229+50 RT
STA 234+51 TO 236+51 LT
STA 234+75 TO 237+50 RT
STA 238+90 TO 240+00 RT

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA 236+51 LT - 2~~



STA 226+25 TO 229+50 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 226+25 TO 226+62 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 226+62 TO 230+13 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED
~~STA 230+13 TO 230+50 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 234+51 TO 236+51 LT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 234+51 TO 234+88 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 234+88 TO 236+51 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS
~~STA 236+51 LT~~
~~INSTALL BURIED END TERMINAL, SEE DETAIL, SHEET 40.~~

~~MAINTAIN EXISTING 12" CSP~~

STA 234+75 TO 237+50 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 234+75 TO 235+12 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 235+12 TO 237+13 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS
~~STA 237+13 TO 237+50 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

233+76 RT
BEGIN MTS, FLARED
& NEW SBGR

STA 238+90 TO 240+00 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 238+90 TO 239+27 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED
~~STA 239+27 TO 240+00 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #17

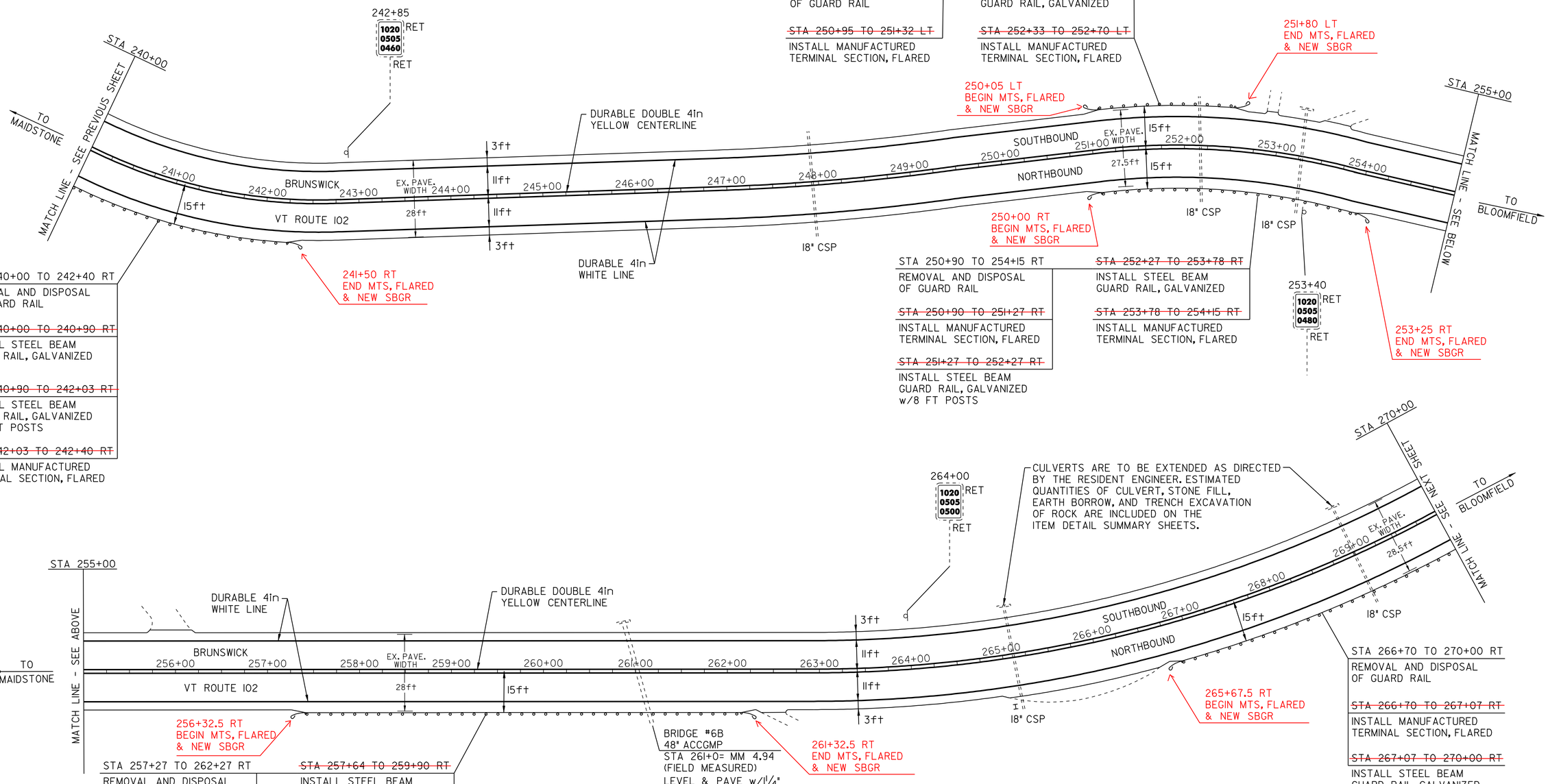
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl7.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **27** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 240+00 TO 270+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 240+00 TO 270+00 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 240+00 TO 250+75 LT
STA 256+50 TO 259+00 LT
STA 265+00 TO 270+00 LT

YIELDING MARKER POST
STA 265+10 RT



STA 240+00 TO 242+40 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 240+00 TO 240+90 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED
~~STA 240+90 TO 242+03 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS
~~STA 242+03 TO 242+40 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 250+95 TO 252+70 LT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 250+95 TO 251+32 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 251+32 TO 252+33 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED
~~STA 252+33 TO 252+70 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 250+90 TO 254+15 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 250+90 TO 251+27 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED
~~STA 251+27 TO 252+27 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 252+27 TO 253+78 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED
~~STA 253+78 TO 254+15 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 257+27 TO 262+27 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 257+27 TO 257+64 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 257+64 TO 259+90 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED
~~STA 259+90 TO 261+90 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS
~~STA 261+90 TO 262+27 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 266+70 TO 270+00 RT
REMOVAL AND DISPOSAL OF GUARD RAIL
~~STA 266+70 TO 267+07 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED
~~STA 267+07 TO 270+00 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 240+00 TO 242+40 RT
STA 250+90 TO 254+15 RT
STA 250+95 TO 252+70 LT
STA 257+27 TO 262+27 RT
STA 266+70 TO 270+00 RT

~~MANUFACTURED TERMINAL SECTION, FLARED~~
~~STA 242+03 TO 242+40 RT~~
~~STA 250+90 TO 251+27 RT~~
~~STA 250+95 TO 251+32 LT~~
~~STA 252+33 TO 252+70 LT~~
~~STA 253+78 TO 254+15 RT~~
~~STA 257+27 TO 257+64 RT~~
~~STA 261+90 TO 262+27 RT~~
~~STA 266+70 TO 267+07 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~
~~STA 240+00 TO 240+90 RT~~
~~STA 251+32 TO 252+33 LT~~
~~STA 252+27 TO 253+78 RT~~
~~STA 257+64 TO 259+90 RT~~
~~STA 267+07 TO 270+00 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~
~~STA 240+90 TO 242+03 RT~~
~~STA 251+27 TO 252+27 RT~~
~~STA 259+90 TO 261+90 RT~~

PAVING PROJECT LAYOUT SHEET #18

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl8.1 DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **28** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 270+00 TO 300+00 SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 270+00 TO 300+00 SOLID LT&RT

STA 276+10 TO 280+35 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 276+10 TO 276+47 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 276+47 TO 279+98 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 279+98 TO 280+35 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

BRIDGE #7
STA 276+60= MM 5.24
LEVEL & PAVE w/1 1/4"

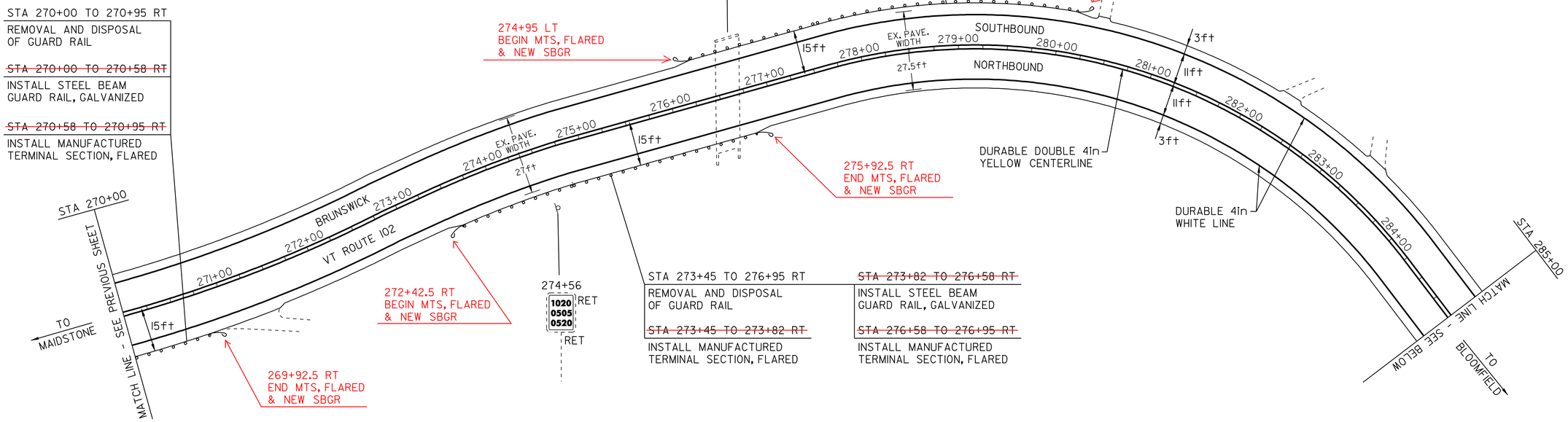
279+32.5 LT
END MTS, FLARED
& NEW SBGR

274+95 LT
BEGIN MTS, FLARED
& NEW SBGR

STA 270+00 TO 270+95 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 270+00 TO 270+58 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 270+58 TO 270+95 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED



STA 273+45 TO 276+95 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 273+45 TO 273+82 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 273+82 TO 276+58 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

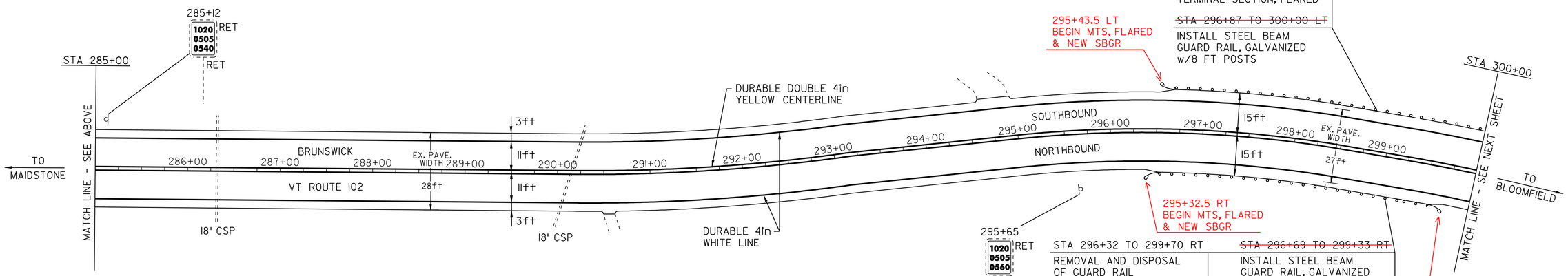
~~STA 276+58 TO 276+95 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 296+50 TO 300+00 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 296+50 TO 296+87 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 296+87 TO 300+00 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

295+43.5 LT
BEGIN MTS, FLARED
& NEW SBGR



REMOVAL AND DISPOSAL OF GUARD RAIL

STA 270+00 TO 270+95 RT
STA 273+45 TO 276+95 RT
STA 276+10 TO 280+35 LT
STA 296+32 TO 299+70 RT
STA 296+50 TO 300+00 LT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 270+58 TO 270+95 RT~~
~~STA 273+45 TO 273+82 RT~~
~~STA 276+10 TO 276+47 LT~~
~~STA 276+58 TO 276+95 RT~~
~~STA 279+98 TO 280+35 LT~~
~~STA 296+32 TO 296+69 RT~~
~~STA 296+50 TO 296+87 LT~~
~~STA 299+33 TO 299+70 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 270+00 TO 270+58 RT~~
~~STA 273+82 TO 276+58 RT~~
~~STA 276+47 TO 279+98 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 296+69 TO 299+33 RT~~
~~STA 296+87 TO 300+00 LT~~

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)
STA 270+00 TO 273+40 LT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
○		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #19

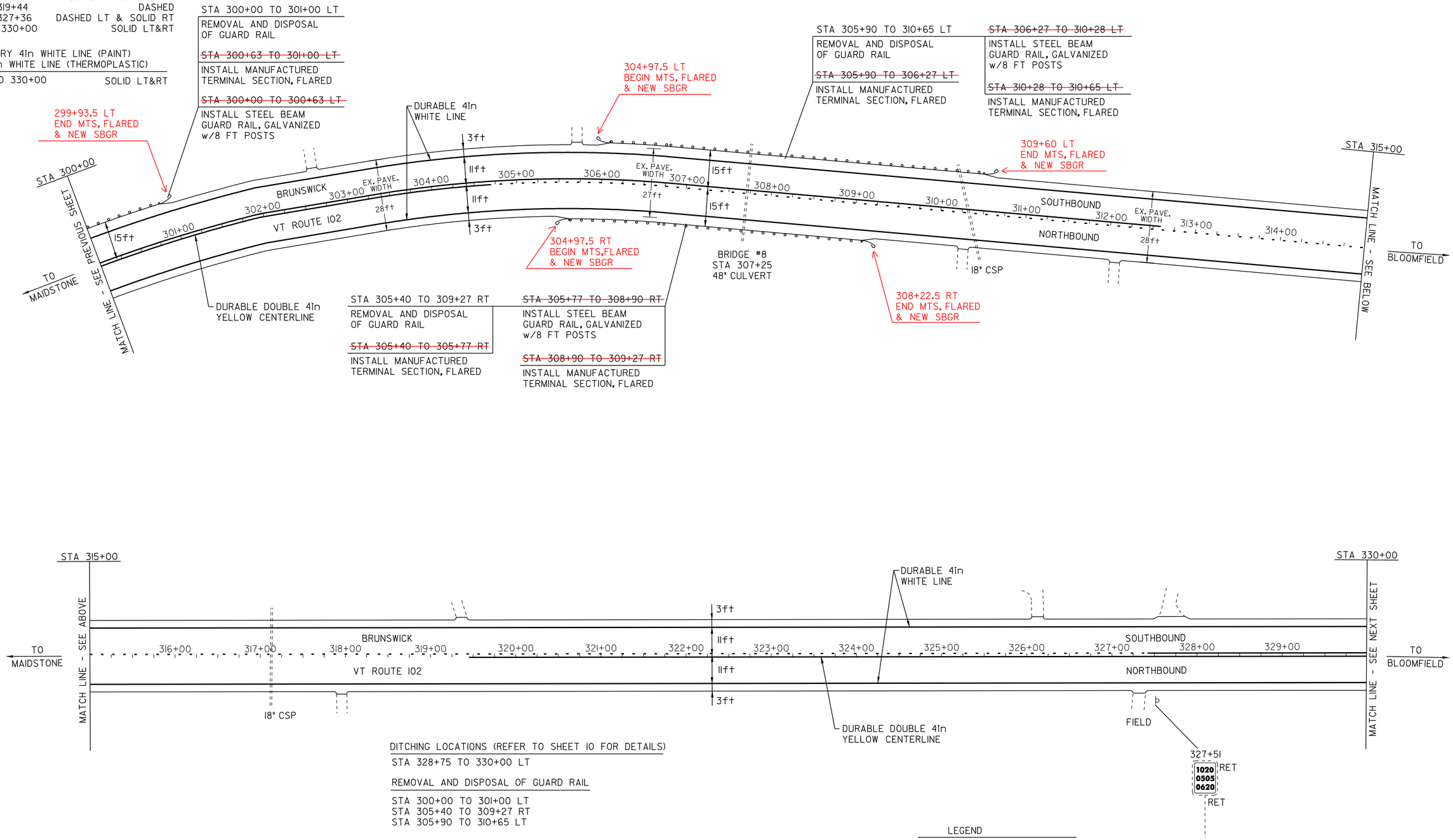
DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042pl9.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **29** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 300+00 TO 304+66	SOLID LT&RT
STA 304+66 TO 312+58	SOLID LT & DASHED RT
STA 312+58 TO 319+44	DASHED
STA 319+44 TO 327+36	DASHED LT & SOLID RT
STA 327+36 TO 330+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 300+00 TO 330+00	SOLID LT&RT



DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 328+75 TO 330+00 LT

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 300+00 TO 301+00 LT
STA 305+40 TO 309+27 RT
STA 305+90 TO 310+65 LT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 300+63 TO 301+00 LT~~
~~STA 305+40 TO 305+77 RT~~
~~STA 305+90 TO 306+27 LT~~
~~STA 308+90 TO 309+27 RT~~
~~STA 310+28 TO 310+65 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 300+00 TO 300+63 LT~~
~~STA 305+77 TO 308+90 RT~~
~~STA 306+27 TO 310+28 LT~~

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #20

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p20.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **30** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 330+00 TO 336+07	SOLID LT&RT
STA 336+07 TO 343+20	SOLID LT & DASHED RT
STA 343+20 TO 343+99	SOLID LT&RT
STA 343+99 TO 351+12	DASHED LT & SOLID RT
STA 351+12 TO 374+11	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

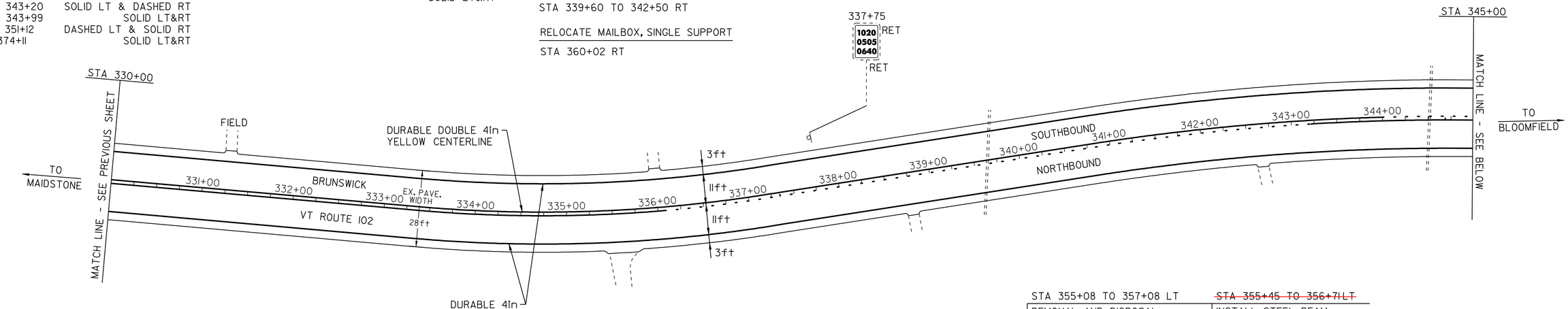
STA 330+00 TO 374+11 SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 10 FOR DETAILS)

STA 332+00 TO 335+00 LT
STA 339+60 TO 342+50 RT

RELOCATE MAILBOX, SINGLE SUPPORT

STA 360+02 RT



STA 346+65 TO 351+65 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 346+65 TO 347+02 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 347+02 TO 348+27 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 348+27 TO 350+03 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 350+03 TO 351+28 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 351+28 TO 351+65 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 353+78 TO 357+15 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 353+78 TO 354+15 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 354+15 TO 356+78 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

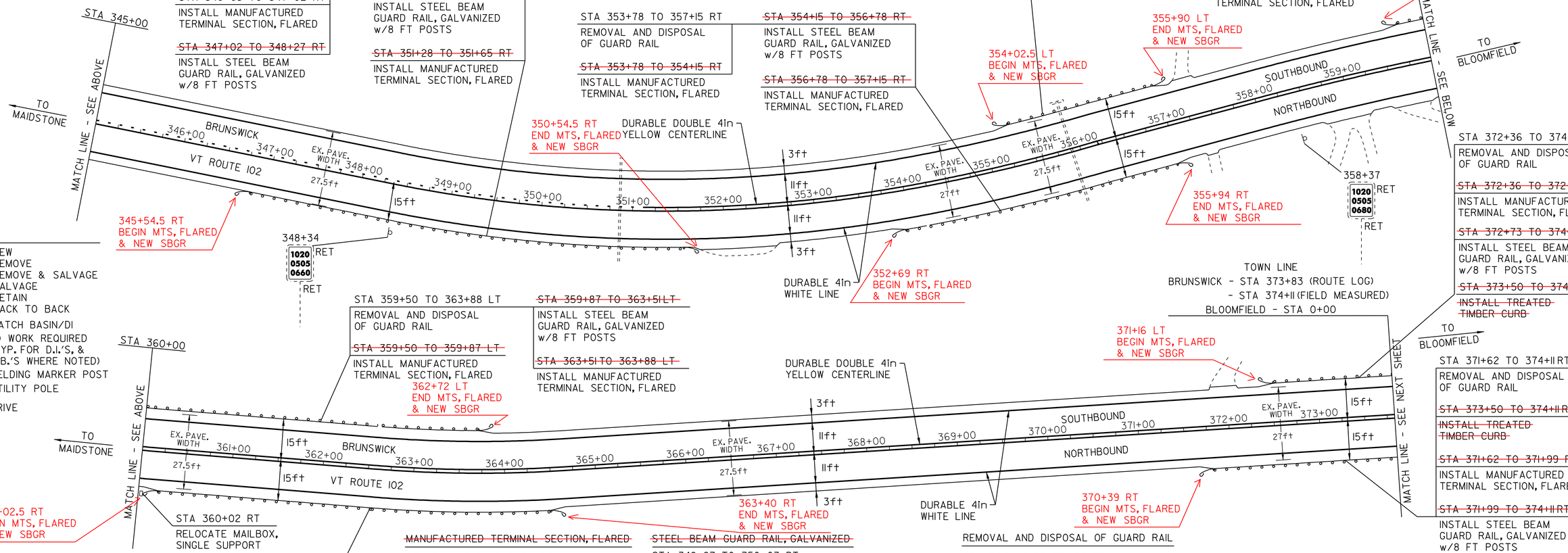
~~STA 356+78 TO 357+15 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 355+08 TO 357+08 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 355+08 TO 355+45 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 355+45 TO 356+71 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 356+71 TO 357+08 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED



LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ▦ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

STA 359+50 TO 363+88 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 359+50 TO 359+87 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 359+87 TO 363+51 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 363+51 TO 363+88 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 360+05 TO 364+67 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 360+05 TO 360+42 RT
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 360+42 TO 364+30 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

STA 364+30 TO 364+67 RT
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

STA 372+36 TO 374+11 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 372+36 TO 372+73 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 372+73 TO 374+11 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 373+50 TO 374+11 LT~~
~~INSTALL TREATED TIMBER CURB~~

STA 371+62 TO 374+11 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 373+50 TO 374+11 RT~~
~~INSTALL TREATED TIMBER CURB~~

~~STA 371+62 TO 371+99 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 371+99 TO 374+11 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 346+65 TO 347+02 RT~~
~~STA 351+28 TO 351+65 RT~~
~~STA 353+78 TO 354+15 RT~~
~~STA 355+08 TO 355+45 LT~~
~~STA 356+71 TO 357+08 LT~~
~~STA 356+78 TO 357+15 RT~~
~~STA 359+50 TO 359+87 LT~~
~~STA 360+05 TO 360+42 RT~~
~~STA 363+51 TO 363+88 LT~~
~~STA 364+30 TO 364+67 RT~~
~~STA 371+62 TO 371+99 RT~~
~~STA 372+36 TO 372+73 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 348+27 TO 350+03 RT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 347+02 TO 348+27 RT~~
~~STA 350+03 TO 351+28 RT~~
~~STA 354+15 TO 356+78 RT~~
~~STA 355+45 TO 356+71 LT~~
~~STA 359+87 TO 363+51 LT~~
~~STA 360+42 TO 364+30 RT~~
~~STA 371+99 TO 374+11 RT~~
~~STA 372+73 TO 374+11 LT~~

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 346+65 TO 351+65 RT
STA 353+78 TO 357+15 RT
STA 355+08 TO 357+08 LT
STA 359+50 TO 363+88 LT
STA 360+05 TO 364+67 RT
STA 371+62 TO 374+11 RT
STA 372+36 TO 374+11 LT

TREATED TIMBER CURB

372+26.5 STA ~~373+50~~ TO 374+11 RT
371+53.5 STA ~~373+50~~ TO 374+11 LT

PAVING PROJECT LAYOUT SHEET #21

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	06c042.dgn		
PRF FILE	06c042p2l.i	DATE PLOTTED	24-AUG-2009
PROJ. NAME	**MAIDSTONE – BLOOMFIELD**		
PROJ. NO.	**STP 2609(1)S**		
SHEET	**31** OF **40** SHEETS		

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 0+00 TO 11+50	SOLID LT&RT
STA 3+90	DOUBLE SOLID LT

(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 0+00 TO 11+50 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 3+90 LT	"STOP"
STA 11+23 RT	"STOP AHEAD"

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)

STA 3+90 LT TH #1

REMOVING SIGNS
13

TOWN LINE
BRUNSWICK - STA 373+83 (ROUTE LOG)
- STA 374+11 (FIELD MEASURED)
BLOOMFIELD - STA 0+00

TO BRUNSWICK

MATCH LINE - SEE PREVIOUS SHEET

BLOOMFIELD 15ft
VT ROUTE 102 15ft

1+00 2+00 3+00 4+00 5+00

STA 0+00 TO 3+14 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 0+00 TO ~~2+95~~ 2+94 LT
INSTALL TREATED TIMBER CURB

~~STA 0+00 TO 3+00 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 3+00 TO 3+14 LT~~
~~INSTALL MANUFACTURED TERMINAL SECTION, FLARED~~

3+25 B-TO-B
N STOP N
1020 0503 0007 S
B-TO-B
STOP R
1020 0503 0007 R&S

3+55
LEGAL LOAD LIMIT 24,000 POUNDS R
LEGAL LOAD LIMIT 24,000 POUNDS N

3+07 LT
END SBGR
W/ ANCHORS @ 2+94 LT
& 3+07 LT

TH#1
STA 3+90
MM 0.074
GRAVEL

20ft

LIMIT OF PAVING

STOP
R=50ft
R=40ft
R=25ft
25ft
4ft

3ft 11ft 11ft 3ft

EX. PAVE. WIDTH 28ft

DURABLE DOUBLE 4in YELLOW CENTERLINE

SOUTHBOUND
NORTHBOUND

DURABLE 4in WHITE LINE

STA 5+75
MATCH LINE - SEE BELOW

TO BLOOMFIELD

STA 0+00 TO 4+37 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 0+00 TO ~~4+14~~ 4+00 RT
INSTALL TREATED TIMBER CURB

42" CSP

8+30
LEGAL LOAD LIMIT 24,000 POUNDS R
LEGAL LOAD LIMIT 24,000 POUNDS N

~~STA 0+00 TO 4+00 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FT POSTS

~~STA 4+00 TO 4+37 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

4+25 RT
END MTS, FLARED
& NEW SBGR

4+45
NARROW BRIDGE N

8+07 LT
BEGIN SBGR
W/ ANCHOR @ 08+55 LT

8+15 B-TO-B
N STOP N
1020 0503 0016 S
B-TO-B
STOP R
1020 0503 0016 R&S

TH#12
STA 8+24
MM 0.156
GRAVEL

13ft

LIMIT OF PAVING

20ft

STA 8+50 TO 8+65 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 8+50 LT~~
INSTALL ANCHOR FOR STEEL BEAM RAIL

~~STA 8+50 TO 8+65 LT~~
INSTALL H.D. STEEL BEAM GUARD RAIL, GALVANIZED

BRIDGE #9
STA 9+45 = MM 0.18
(FIELD MEASURED)
COLD PLANE 1 1/4in &
PAVE w/1 1/4in

10+00
N R N
BRIDGE 9 VT 102 R&S
BRIDGE 9 VT 102 S
R N

STA 10+00 TO 11+37 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 10+00 TO 10+25 LT~~
INSTALL H.D. STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 10+25 TO 11+00 LT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 11+00 TO 11+37 LT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

DURABLE DOUBLE 4in YELLOW CENTERLINE

STA 5+75
MATCH LINE - SEE ABOVE

TO BRUNSWICK

BLOOMFIELD
VT ROUTE 102
EX. PAVE. WIDTH 28ft
6+00 7+00 8+00 9+00 10+00

18" CSP

DURABLE 4in WHITE LINE

END OVERLAY | BEGIN FULL DEPTH COLD PLANE
8+00

7+69.5 RT
BEGIN MTS, FLARED
& NEW SBGR

10ft
10ft

8+65 8+65
N R N R
BRIDGE 9 VT 102 R&S
BRIDGE 9 VT 102 S
R N

10+00
N R

11+25
NARROW BRIDGE N

10+83 LT
END MTS, FLARED
& NEW SBGR

STA 11+50

SOUTHBOUND
NORTHBOUND
11+00

10+58 RT
END MTS, FLARED
& NEW SBGR

MATCH LINE - SEE NEXT SHEET

TO BLOOMFIELD

11+23
N R
N N R

STA 7+78 TO 8+65 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 7+78 TO 8+15 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

~~STA 8+15 TO 8+40 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 8+40 TO 8+65 RT~~
INSTALL H.D. STEEL BEAM GUARD RAIL, GALVANIZED

STA 10+00 TO 10+75 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

~~STA 10+00 TO 10+25 RT~~
INSTALL H.D. STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 10+25 TO 10+38 RT~~
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

~~STA 10+38 TO 10+75 RT~~
INSTALL MANUFACTURED TERMINAL SECTION, FLARED

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 0+00 TO 3+14 LT
STA 0+00 TO 4+37 RT
STA 7+78 TO 8+65 RT
STA 8+50 TO 8+65 LT
STA 10+00 TO 10+75 RT
STA 10+00 TO 11+37 LT

~~MANUFACTURED TERMINAL SECTION, FLARED~~

~~STA 3+00 TO 3+14 LT~~
~~STA 4+00 TO 4+37 RT~~
~~STA 7+78 TO 8+15 RT~~
~~STA 10+38 TO 10+75 RT~~
~~STA 11+00 TO 11+37 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED~~

~~STA 8+15 TO 8+40 RT~~
~~STA 10+25 TO 10+38 RT~~
~~STA 10+25 TO 11+00 LT~~

~~STEEL BEAM GUARD RAIL, GALVANIZED w/8 ft POSTS~~

~~STA 0+00 TO 3+00 LT~~
~~STA 0+00 TO 4+00 RT~~

~~H.D. STEEL BEAM GUARD RAIL~~

~~STA 8+40 TO 8+65 RT~~
~~STA 8+50 TO 8+65 LT~~
~~STA 10+00 TO 10+25 RT~~
~~STA 10+00 TO 10+25 LT~~

~~ANCHOR FOR STEEL BEAM RAIL~~

~~STA 8+50 LT - 1~~

TREATED TIMBER CURB

STA 0+00 TO ~~2+95~~ 2+94 LT
STA 0+00 TO ~~4+14~~ 4+00 RT

LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #22

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p22.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **32** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)

STA 11+50 TO 20+00	SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)

STA 11+50 TO 20+00	SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)	

REMOVING SIGNS

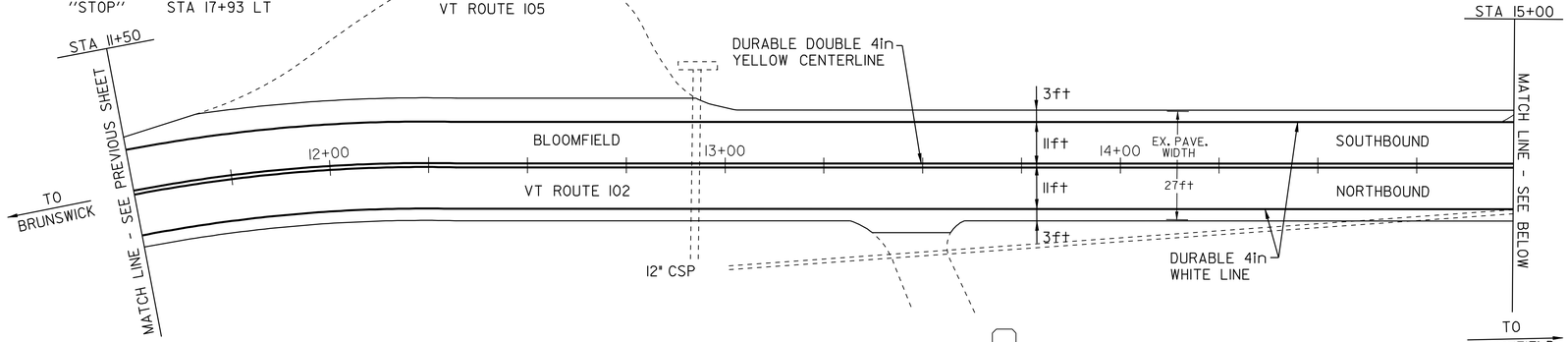
10

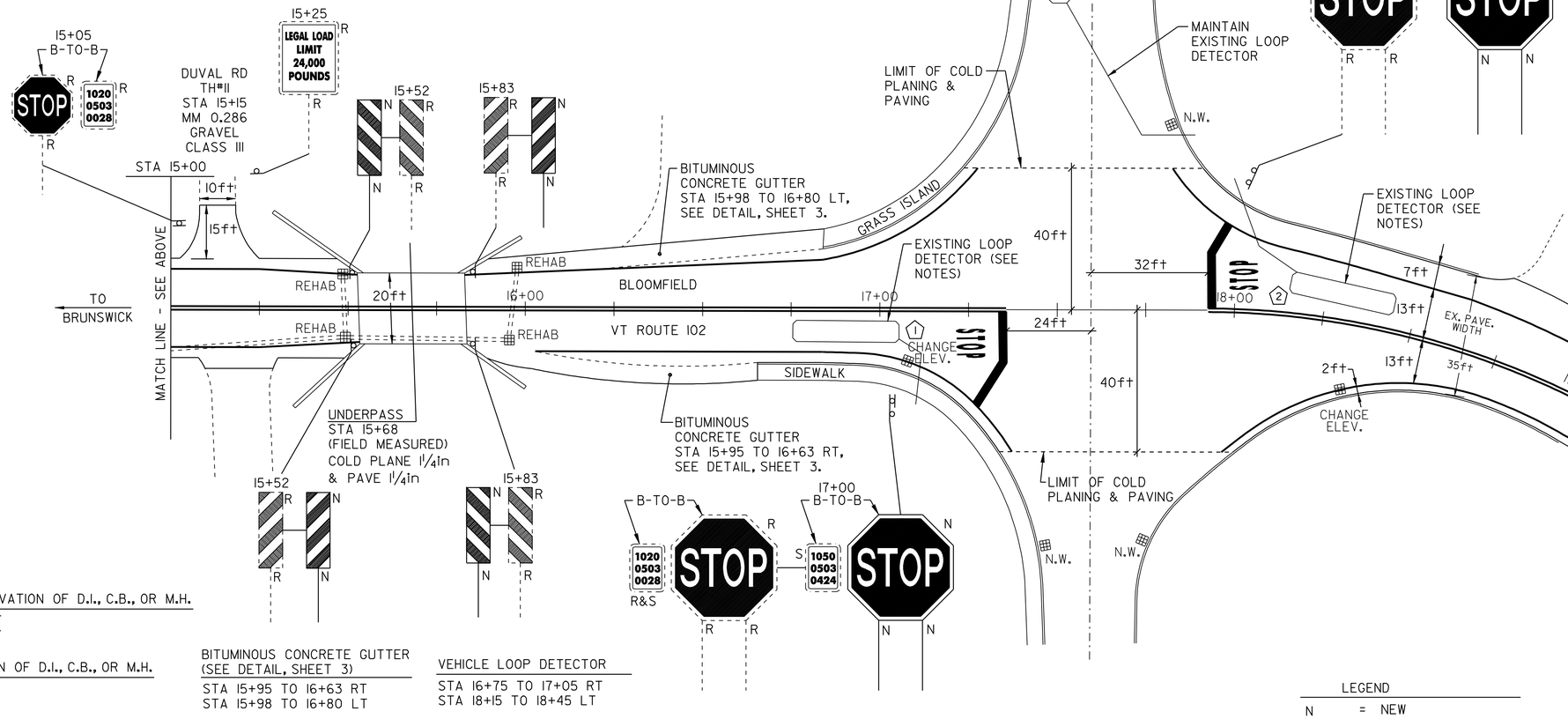
TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 17+21 RT	"STOP"
STA 17+99 LT	"STOP"

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)

STA 17+35 RT	VT ROUTE 105
STA 17+93 LT	VT ROUTE 105





CHANGING ELEVATION OF D.I., C.B., OR M.H.

STA 17+06 RT
STA 18+30 RT

REHABILITATION OF D.I., C.B., OR M.H.

STA 15+43 LT
STA 15+48 RT
STA 15+95 RT
STA 15+98 LT

BITUMINOUS CONCRETE GUTTER (SEE DETAIL, SHEET 3)

STA 15+95 TO 16+63 RT
STA 15+98 TO 16+80 LT

VEHICLE LOOP DETECTOR

STA 16+75 TO 17+05 RT
STA 18+15 TO 18+45 LT

VEHICLE DETECTOR LOOPS									
LOOP	SIZE (ft)	TYPE & NO. TURNS	MODE	INDUCTANCE (uH)		RESISTANCE (ohms)		LEAKAGE TO GROUND (ft-ohms)	ESTIMATED QUANT. (ft)
				CALC.	ACT.	CALC.	ACT.		
1	6x30	LONG-2	PASSAGE	266		0.33			102
2	6x30	LONG-2	PASSAGE	268		0.36			112
ALL CALCULATED VALUES ARE AT THE CONTROLLER, MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.									

VEHICLE DETECTOR LOOP NOTES:

1. THIS PLAN IS NOT TO SCALE AND SHALL BE USED AS A GUIDE. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS, INCLUDING, BUT NOT LIMITED TO, UTILITIES, POLES, PULL BOXES, STRIPING, AND LOOP DETECTORS. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOPS AT THE TRAFFIC COUNTERS.
3. SAW CUT THE LEVELING COURSE FOR THE PLACEMENT OF ALL PROPOSED VEHICLE DETECTOR LOOPS. ONCE THE PROPOSED VEHICLE DETECTOR LOOPS ARE INSTALLED, THE INDUCTANCE, RESISTANCE, AND LEAKAGE TO GROUND MUST BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THESE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES SHOWN ON THE LAYOUT PLANS AND THE FIELD MEASURED VALUES SHALL BE RECORDED ON THE LAYOUT PLANS. UPON COMPLETION OF THE INSTALLATION OF THE PROPOSED VEHICLE LOOP DETECTORS, THE COUNTERS SHALL BE RETURNED TO NORMAL OPERATION.
4. THE CONTRACTOR SHALL USE THE EXISTING CONDUIT WHICH RUNS FROM THE CURB TO THE CONTROLLER PANEL FOR THE NEW LOOP DETECTORS.
5. WORK SHALL BE PAID FOR UNDER ITEM 678.22, VEHICLE LOOP DETECTOR.
6. WORK IMPROVEMENTS CONSISTING OF THOSE SHOWN ON PLANS SHALL BE PERFORMED ACCORDING TO SPECIFICATIONS AND STANDARD DRAWINGS OF VERMONT AGENCY OF TRANSPORTATION. VEHICLE DETECTOR LOOPS SHALL COMPLY WITH VTRANS STANDARD E-172.

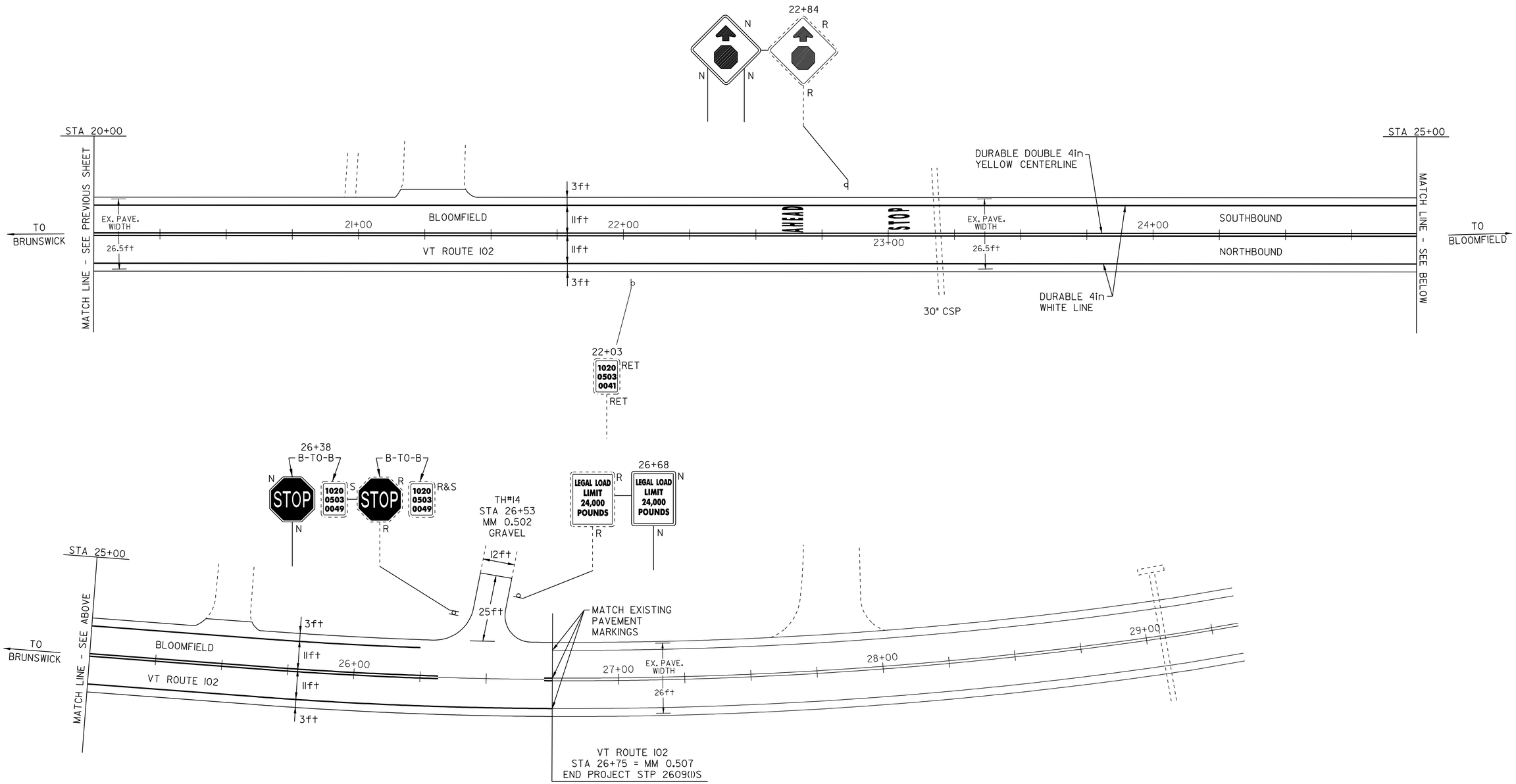
LEGEND

N	=	NEW
R	=	REMOVE
R&S	=	REMOVE & SALVAGE
S	=	SALVAGE
RET	=	RETAIN
B-TO-B	=	BACK TO BACK
⊕ ⊞ □		CATCH BASIN/DI
(N.W.)	=	NO WORK REQUIRED (TYP. FOR D.I.'S, & C.B.'S WHERE NOTED)
I		YIELDING MARKER POST
		UTILITY POLE
		DRIVE

PAVING PROJECT LAYOUT SHEET #23

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042p23.i DATE PLOTTED 24-AUG-2009
PROJ. NAME **MAIDSTONE - BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **33** OF **40** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT) DURABLE 4in YELLOW LINE (THERMOPLASTIC)	TEMPORARY 4in WHITE LINE (PAINT) DURABLE 4in WHITE LINE (THERMOPLASTIC)	TEMPORARY LETTER OR SYMBOL (PAINT) DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	REMOVING SIGNS
STA 20+00 TO 26+75 SOLID LT&RT (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	STA 20+00 TO 26+75 SOLID LT&RT (WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)	STA 22+84 LT "STOP AHEAD"	4



PAVING PROJECT LAYOUT SHEET #24

DESIGNED BY	BCE/PJM	DATE	10-06
DRAWN BY	C.E.A., INC.	DATE	10-06
DESIGN FILE NO.	06c042.dgn		
PRF FILE	06c042p24.i	DATE PLOTTED	24-AUG-2009
PROJ. NAME	**MAIDSTONE – BLOOMFIELD**		
PROJ. NO.	**STP 2609(1)S**		
SHEET **34** OF **40** SHEETS			

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 1

KILOMETER MARKER, 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 (2.16)	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)	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	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																										
MAIDSTONE 395+17 LT	STOP 1020 0515 0749	1	30	30	6.25		1				1			X		X																		BACK TO BACK		E-143
395+57 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.0						1			X		X																		REFER TO STANDARD E-121 FOR PLACEMENT.		E-141
395+57 LT	SPEED LIMIT 30						1				1			X		X																				
BRUNSWICK 116+25 LT	STOP	1	30	30	6.25						1			X		X																				E-143
117+10 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.0						1			X		X																		REFER TO STANDARD E-121 FOR PLACEMENT.		E-141
130+05 RT	NARROW BRIDGE	1	30	30	6.25						1			X		X																				E-154
136+57 LT		1	12	36	3.0						1			X		X																				E-120
136+65 RT		1	12	36	3.0						1			X		X																				E-120
	BRIDGE 6 VT 102	1	6	8	0.33																																E-134
137+71 LT		1	12	36	3.0						1			X		X																				E-120
	1020 0505 0260						1																													
	BRIDGE 6 VT 102						1																													
137+85 RT		1	12	36	3.0						1			X		X																				E-120
143+90 LT	NARROW BRIDGE	1	30	30	6.25						1			X		X																				E-154
			SF	SF	EA.	SF						LF	LF	LF 165	LF	LF 165	LF			EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
	SHEET TOTALS		47.33		4							165				165																				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #1

PROJECT: **MAIDSTONE – BLOOMFIELD** | PROJECT NO.: **STP 2609(1)S** | DATE: 8-06

DESIGN FILE NAME: 06c042.dgn | PLOT DATE: 24-AUG-2009 08:4
IPARM FILE NAME: 06c042tsl.I | SURVEY DATE:
SURVEYED BY: | DRAWN BY: C.E.A., INC.
SQUAD LEADER: | SHEET: **35** OF **40**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 2

KILOMETER MARKER, 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 FRAMED REQUIRED		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
															1.75	2.0	2.5			3.0	4.0	4.0 MOD.		3.0	3.5	4.0	5.0	24"	30"						
												1.12	2.0	3.0	1.88	2.16	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
											OPTION ITEMS																								
BLOOMFIELD 3+25 LT	STOP 1020 0503 0007	1	30	30	6.25		1				1			X		X																BACK TO BACK		E-143
3+55 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.0						1			X		X																REFER TO STANDARD E-121 FOR PLACEMENT.		E-141
4+45 RT	NARROW BRIDGE	1	30	30	6.25						1			X		X																		E-154
8+15 LT	STOP 1020 0503 0016	1	30	30	6.25		1				1			X		X																BACK TO BACK		E-143
8+30 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.0						1			X		X																REFER TO STANDARD E-121 FOR PLACEMENT.		E-141
8+65 LT		1	12	36	3.0						1			X		X																		E-120
	BRIDGE 9 VT 102						1																											
10+00 LT		1	12	36	3.0						1			X		X																		E-120
	BRIDGE 9 VT 102						1																											
10+00 RT		1	12	36	3.0						1			X		X																		E-120
11+23 RT		1	36	36	9.0						2			X		X																		E-150
11+25 LT	NARROW BRIDGE	1	30	30	6.25						1			X		X																		E-154
					SF	SF	EA.	SF			LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
													180			180																		
	SHEET TOTALS				56.0		4						180			180																		

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TRAFFIC SIGN SUMMARY SHEET #2

PROJECT: **MAIDSTONE – BLOOMFIELD**
PROJECT NO.: **STP 2609(1)S**
DATE: 8-06

DESIGN FILE NAME: 06c042.dgn
IPARM FILE NAME: 06c042ts2.i
SURVEYED BY:
SQUAD LEADER:

PLOT DATE: 24-AUG-2009 08:4
SURVEY DATE:
DRAWN BY: C.E.A., INC.
SHEET: **36** OF **40**

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 3

KILOMETER MARKER, 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 2.16	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	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
												OPTION ITEMS																									
BLOOMFIELD (CONTINUED) 15+52 LT		1	12	36	3.0						1			X		X																				E-120
15+52 RT		1	12	36	3.0						1			X		X																				E-120
15+83 LT		1	12	36	3.0						1			X		X																				E-120
15+83 RT		1	12	36	3.0						1			X		X																				E-120
17+00 RT	STOP 1050 0503 0424	1	48	48	16.0		1				2			X		X																		BACK TO BACK		E-143
18+00 LT	STOP	1	48	48	16.0						2			X		X																				E-143
22+84 LT		1	36	36	9.0						2			X		X																				E-150
26+38 LT	STOP 1020 0503 0049	1	30	30	6.25		1				1			X		X																		BACK TO BACK		E-143
26+68 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.0						1			X		X																		REFER TO STANDARD E-121 FOR PLACEMENT.		E-141

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE ROADWAY, TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

	SF	SF	EA.	SF		LF	LF	LF	LF	LF	LF		EA.	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB
SHEET TOTALS	64.25		2					180		180														
SIGN SHEET #1	47.33		4					165		165														
SIGN SHEET #2	56.0		4					180		180														
SIGN SHEET #3	64.25		2					180		180														
PROJECT TOTALS	167.58		10			525				525														

TRAFFIC SIGN SUMMARY SHEET #3

PROJECT: **MAIDSTONE – BLOOMFIELD**
PROJECT NO.: **STP 2609(1)S**
DATE: 8-06

DESIGN FILE NAME: 06c042.dgn
IPARM FILE NAME: 06c042ts3.i
SURVEYED BY:
SQUAD LEADER:

PLOT DATE: 24-AUG-2009 08:4
SURVEY DATE:
DRAWN BY: C.E.A., INC.
SHEET: **37** OF **40**

BRIDGE QUANTITY SHEET

STATION	POS.	BRIDGE NO.	OFFSET BLOCK	525.10	900.640 TYPE II								REMARKS
			IN	LF	LF								
STA 136+58 TO 137+70	LT	6	8	112.5	112.5								
STA 136+66 TO 137+84	RT	6	8	118.75	118.75								
SUBTOTAL				231.25	231.25								
ROUNDING				0.75	0.75								
TOTALS				232	232								

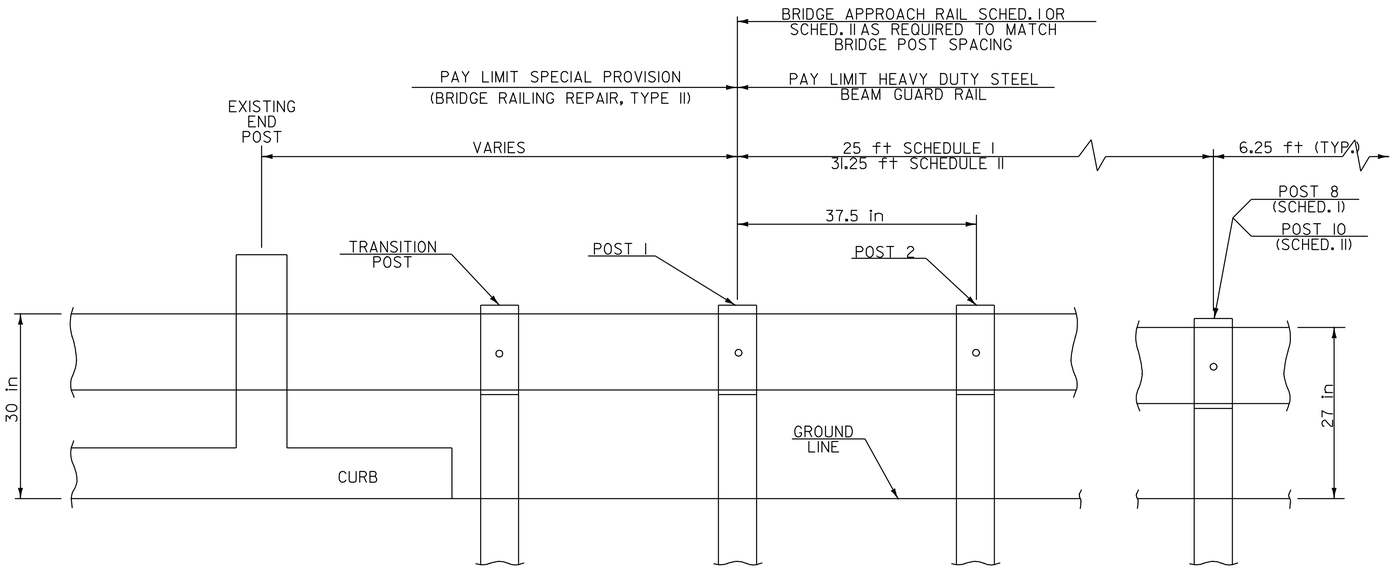
NOTES

1. BRIDGE RAIL SHALL BE HEAVY DUTY STEEL BEAM RAIL.
2. BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY RAIL HEIGHT IN 25 FEET.
3. APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM FOR 25 FEET FROM THE ENDS OF THE BRIDGE.
4. FOR BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICAL TO THE MID-POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST 1.
5. SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.

ITEM 541.22 CONCRETE CLASS A 1 CY (EST)

ITEM 507.15 REINFORCING STEEL 200 LBS (EST)

AN ESTIMATED QUANTITY OF ITEM 541.22, CONCRETE CLASS A, AND ITEM 507.15, REINFORCING STEEL, HAS BEEN ADDED TO REPAIR DAMAGED BRIDGE POSTS/DECK @ POST ANCHOR BOLTS IF NECCESARY. REMOVAL OF EXISTING DAMAGED BRIDGE POSTS/DECK WILL BE AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR AS REMOVAL OF CONCRETE OR MASONRY, ITEM 529.25.



BRIDGE APPROACH RAILING

BRIDGE APPROACH RAILING

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

SCHEDULE I		
POST NO.	SPACING	PAYMENT FACTOR
1	3′-1½″	1.4 x 12.5 ft
2	3′-1½″	
3	3′-1½″	
4	3′-1½″	
5	4′-2″	1.2 x 12.5 ft
6	4′-2″	
7	4′-2″	
8	6′-3″ (TYP.)	1.0 (TYP.)
9		

SCHEDULE II		
POST NO.	SPACING	PAYMENT FACTOR
1	3′-1½″	1.4 X 18.75 ft
2	3′-1½″	
3	3′-1½″	
4	3′-1½″	
5	3′-1½″	
6	3′-1½″	
7	4′-2″	1.2 x 12.5 ft
8	4′-2″	
9	4′-2″	
10	6′-3″ (TYP.)	1.0 (TYP.)
11		

BRIDGE DETAIL SHEET #1

DESIGNED BY BCE/PJM DATE 10-06

DRAWN BY C.E.A., INC. DATE 10-06

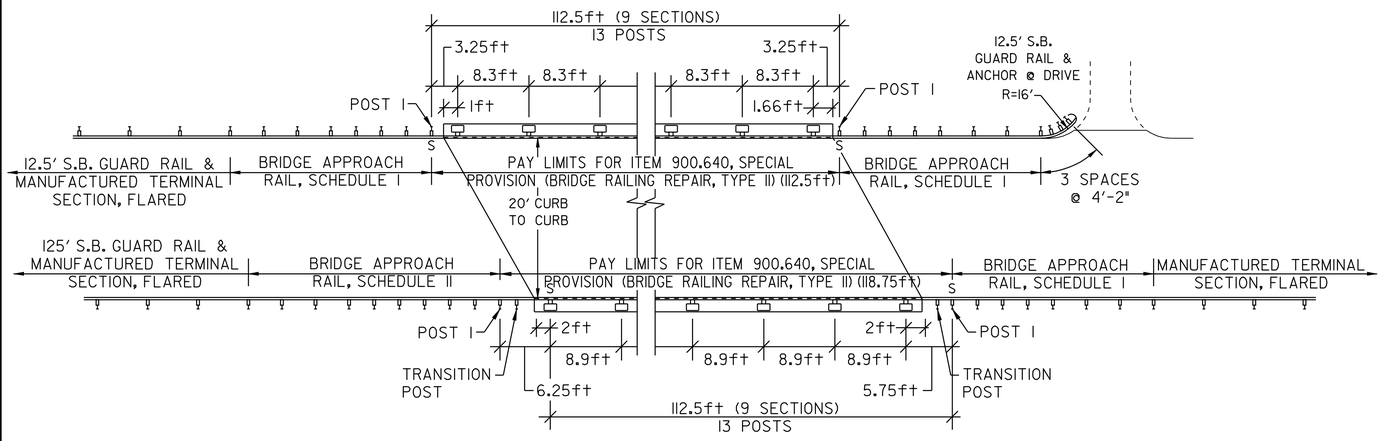
DESIGN FILE NO. 06c042.dgn

PRF FILE 06c042br1.1 DATE PLOTTED 24-AUG-2009 08

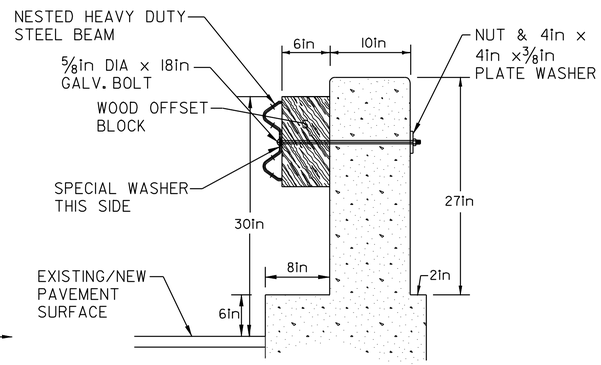
PROJ. NAME **MAIDSTONE - BLOOMFIELD**

PROJ. NO. **STP 2609(1)S**

SHEET **38** OF **40** SHEETS



BRUNSWICK – BRIDGE #6
STA 137+15 = MM 2.60
(FIELD MEASURED)



POST DETAIL

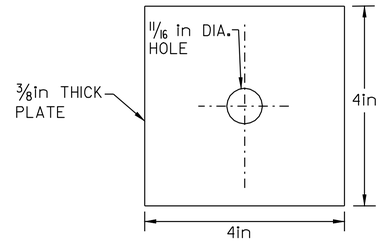
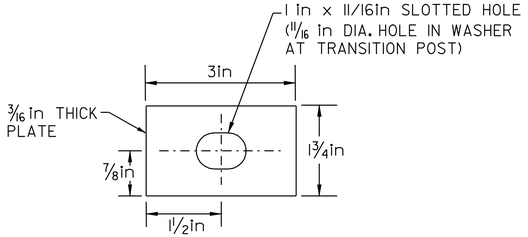


PLATE WASHER DETAIL
(MATERIAL SHALL MEET AASHTO M270M/M270 GRADE 50)

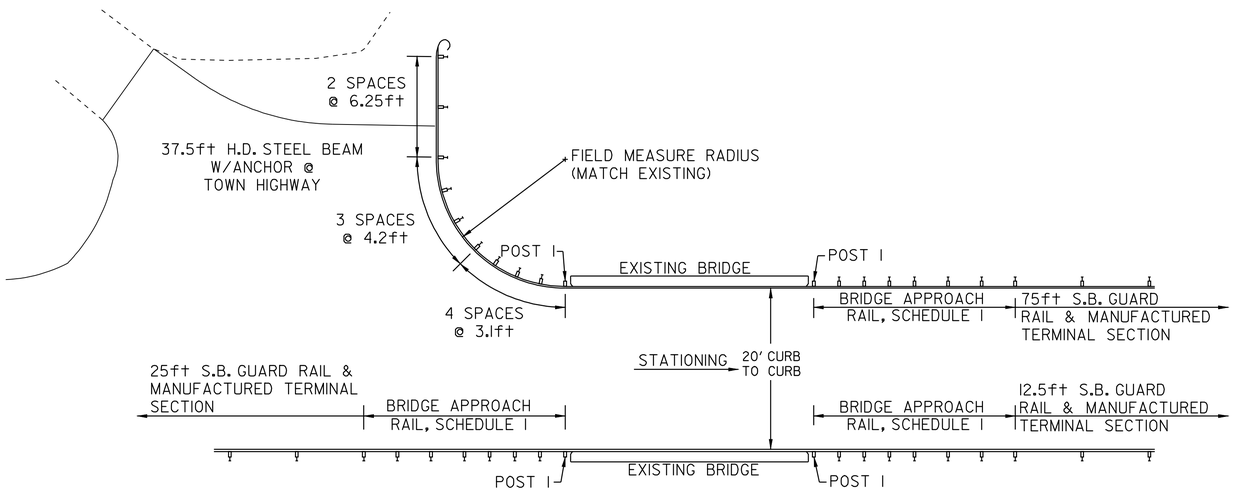
POST DETAILS

NOTES:

1. BOLTS, NUTS & WASHERS SHALL BE GALVANIZED AND CONFORM TO SECTION 714.05, EXCEPT THAT POST BOLTS SHALL CONFORM TO STANDARD G-1 REQUIREMENTS AND BE CORROSION RESISTANT.
2. PLATE AND SPECIAL WASHER SHALL BE OF AASHTO M270M/M270 GRADE 50 STEEL



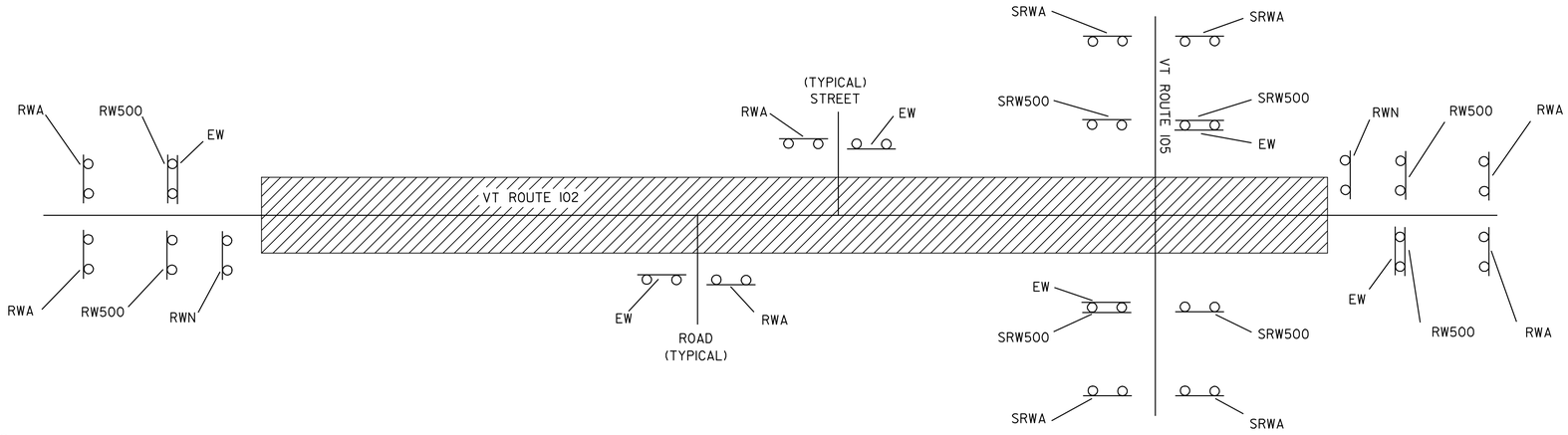
SPECIAL WASHER DETAIL
(MATERIAL SHALL MEET AASHTO M270M/M270 GRADE 50)



BLOOMFIELD – BRIDGE #9
STA 9+45 = MM 0.18
(FIELD MEASURED)

BRIDGE DETAIL SHEET #2

DESIGNED BY BCE/PJM DATE 10-06
DRAWN BY C.E.A., INC. DATE 10-06
DESIGN FILE NO. 06c042.dgn
PRF FILE 06c042br2.1 DATE PLOTTED 24-AUG-2009 08
PROJ. NAME **MAIDSTONE – BLOOMFIELD**
PROJ. NO. **STP 2609(1)S**
SHEET **39** OF **40** SHEETS



LIST OF CONSTRUCTION SIGNS

TOWN HIGHWAY	RWA	RW500	SRWA	SRW500	EW	RWN
MAIDSTONE						
BEGIN PROJECT	2	2			1	1
MAIDSTONE STATE HIGHWAY	1				1	
HALL RD	1				1	
SFH	1				1	
BLOOMFIELD						
TH#1	1				1	
TH#12	1				1	
VT ROUTE 105			4	4	2	
TH#14	1				1	
END PROJECT	2	2			1	1
TOTALS	10	4	4	4	10	2

LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
EW = END WORK
RWN = ROAD WORK NEXT 13 MILES
SRWA = SIDE ROAD WORK AHEAD
SRW500 = SIDE ROAD WORK 500 FEET

NOTES:

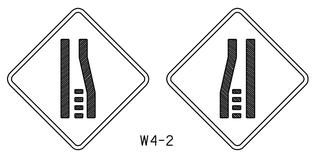
1. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.10, 'TRAFFIC CONTROL'.
2. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORK ZONE SPEED REDUCTIONS IN COMPLIANCE WITH VTRANS STANDARD E-103. PAYMENT FOR PROVIDING THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10. 'TRAFFIC CONTROL'.
3. THE MUTCD 2003 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM TO THESE STANDARDS.
4. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.
5. ON VTRANS STANDARDS E-103, SIGN W4-2 MAY BE REPLACED WITH W9-2:

CONSTRUCTION APPROACH SIGNING

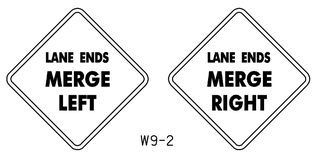
SEE STANDARDS E-100 AND E-100A FOR SIGN PLACEMENT

PAYMENT FOR CONSTRUCTION SIGNING WILL BE MADE UNDER ITEM 641.10, TRAFFIC CONTROL.

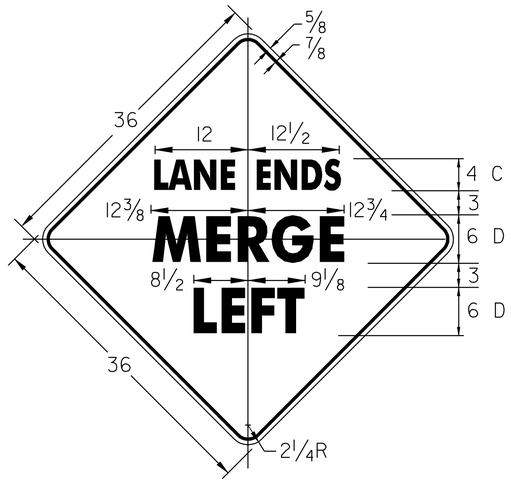
RESIDENT ENGINEER, AT HIS OR HER DISCRETION, SHALL ELIMINATE CONSTRUCTION APPROACH SIGNING AT DEAD END LOCATIONS.



W4-2

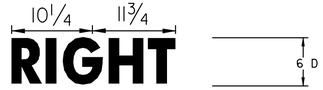


W9-2



W9-2

MATERIALS & COLORS:
PER VAOT STANDARD E-154



CONSERVATION SEED MIX

RURAL AREA - SEED MIXTURE

% WT.	lbs./ACRE	NAME	PUR%	GERM%
37.5	22.5	CREEPING RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3	RED TOP	95	90
15.0	9	BIRDSFOOT TREFOIL	98	85
5.0	3	ANNUAL RYEGRASS	95	85
100.0	60			

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

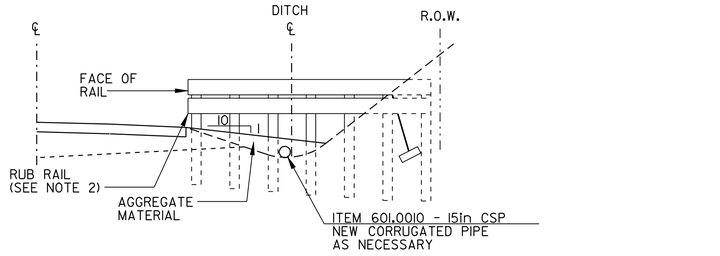
SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

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)

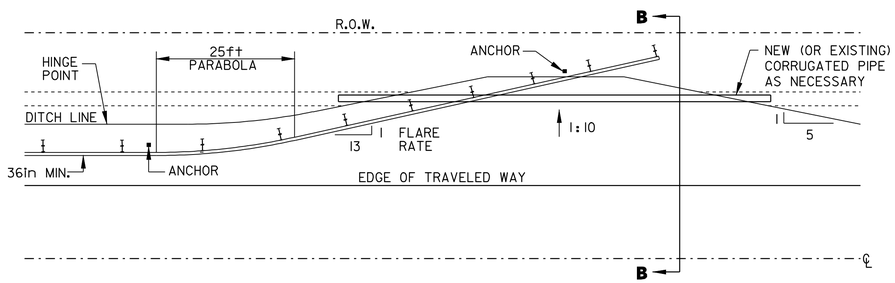
AGRICULTURAL LIMESTONE:
TO BE APPLIED AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH:
TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2.0 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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



SECTION B–B



DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES

NOT TO SCALE

MAIDSTONE	BRUNSWICK
STA 305+20 RT	STA 25+77 LT
STA 344+34 RT	STA 236+51 LT
STA 400+37 RT	

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.

CONSTRUCTION APPROACH SIGNING, CONSERVATION SEED MIX, and BURIED END TERMINAL SHEET

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO.	06c042.dgn		
PRF FILE	06c042cas.1	DATE PLOTTED	24-AUG-2009 08
PROJ. NAME	**MAIDSTONE – BLOOMFIELD**		
PROJ. NO.	**STP 2609(1)S**		
SHEET **40** OF **40** SHEETS			