

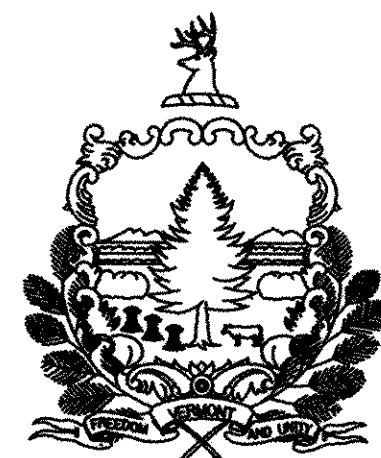
INDEX OF SHEETS

1	TITLE SHEET
2-3	PROJECT TYPICAL SHEETS
4-5	QUANTITY SHEETS
6-7	ITEM DETAIL SUMMARY SHEETS
8	DITCH CLEANING DETAIL SHEET
9-33	PAVING PROJECT LAYOUT SHEETS
34-42	TRAFFIC SIGN SUMMARY SHEETS
43	NON-YIELDING OBJECT APPROACH, SIGN, VEHICLE DETECTOR NOTES, and PAVEMENT MARKING DETAILS
44	CONSTRUCTION APPROACH SIGNING

VAOT STANDARDS

C-3A	SIDEWALK RAMPS	09-01-04
C-3B	SIDEWALK RAMPS AND MEDIAN ISLANDS	09-01-04
D-3	TREATED GUTTERS	06-01-94
D-8	REINFORCED CONCRETE DROP INLET WITH PRECAST COVER & GRATE (BOTTOM SECTION) SEE SHEETS D-9,10,11 FOR TOP SECTION	01-03-00
D-15	PRECAST REINFORCED CONC. MH-GRATES (BICYCLE SAFE) CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	06-01-94
E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	01-02-04
E-101	CONSTRUCTION SIGN DETAILS	05-30-03
E-102	CONSTRUCTION SIGN DETAILS	06-30-03
E-102A	CONSTRUCTION SIGN DETAILS	05-01-04
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	03-01-04
E-106	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	03-01-04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-03
E-107A	BREAKAWAY BARRICADE DETAILS	08-08-95
E-110	MAJOR MAINTAINANCE OPERATION LANE CLOSURE	08-08-95
E-111	MINOR MAINTAINANCE OPERATIONS	03-11-97
E-119	UTILITY WORK ZONE	03-01-04
E-120	STANDARD SIGN PLACEMENT - FREEWAY/EXPRESSWAY	08-08-95
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08-08-95
E-140	REGULATORY SIGN DETAILS	08-30-96
E-141	REGULATORY SIGN DETAILS	09-20-95
E-143	REGULATORY SIGN DETAILS	06-15-04
E-144	REGULATORY SIGN DETAILS	03-29-99
E-145A	REGULATORY SIGN DETAILS	12-23-94
E-145B	REGULATORY SIGN DETAILS	12-23-94
E-146	REGULATORY SIGN DETAILS	09-20-95
E-150	WARNING SIGN DETAILS	05-01-04
E-152	WARNING SIGN DETAILS	05-01-04
E-153B	WARNING SIGN DETAILS	05-30-03
E-154	WARNING SIGN DETAILS	05-01-04
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-99
E-164	SQUARE STEEL SIGN POSTS	05-20-99
E-172	VEHICLE DETECTOR LOOP DETAILS	08-09-95
E-191	PAVEMENT MARKING DETAILS	02-01-99
E-192	PAVEMENT MARKING DETAILS	10-12-00
E-193	PAVEMENT MARKING DETAILS	08-18-95
G-1	STEEL BEAM GUARDRAIL (50MPH & OVER) HEAVY DUTY STEEL BEAM GUARDRAIL TWISTED END TERMINAL ANCHOR FOR STEEL BEAM RAIL	01-03-00
G-1D	STEEL BEAM GUARDRAIL (40MPH & LESS) HEAVY DUTY STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER ANCHOR FOR STEEL BEAM RAIL	01-03-00
G-4	MARKERS - GUIDE POSTS - PLANK GUARD RAIL PLANK RAIL GUIDE POSTS WOOD MARKER POSTS STEEL MARKER POSTS	06-01-94
G-19	GENERIC GRADING PLAN FOR GUARDRAIL END TERMINALS	11-15-02
J-3	MAILBOX SUPPORT DETAIL	08-07-95

STATE OF VERMONT AGENCY OF TRANSPORTATION

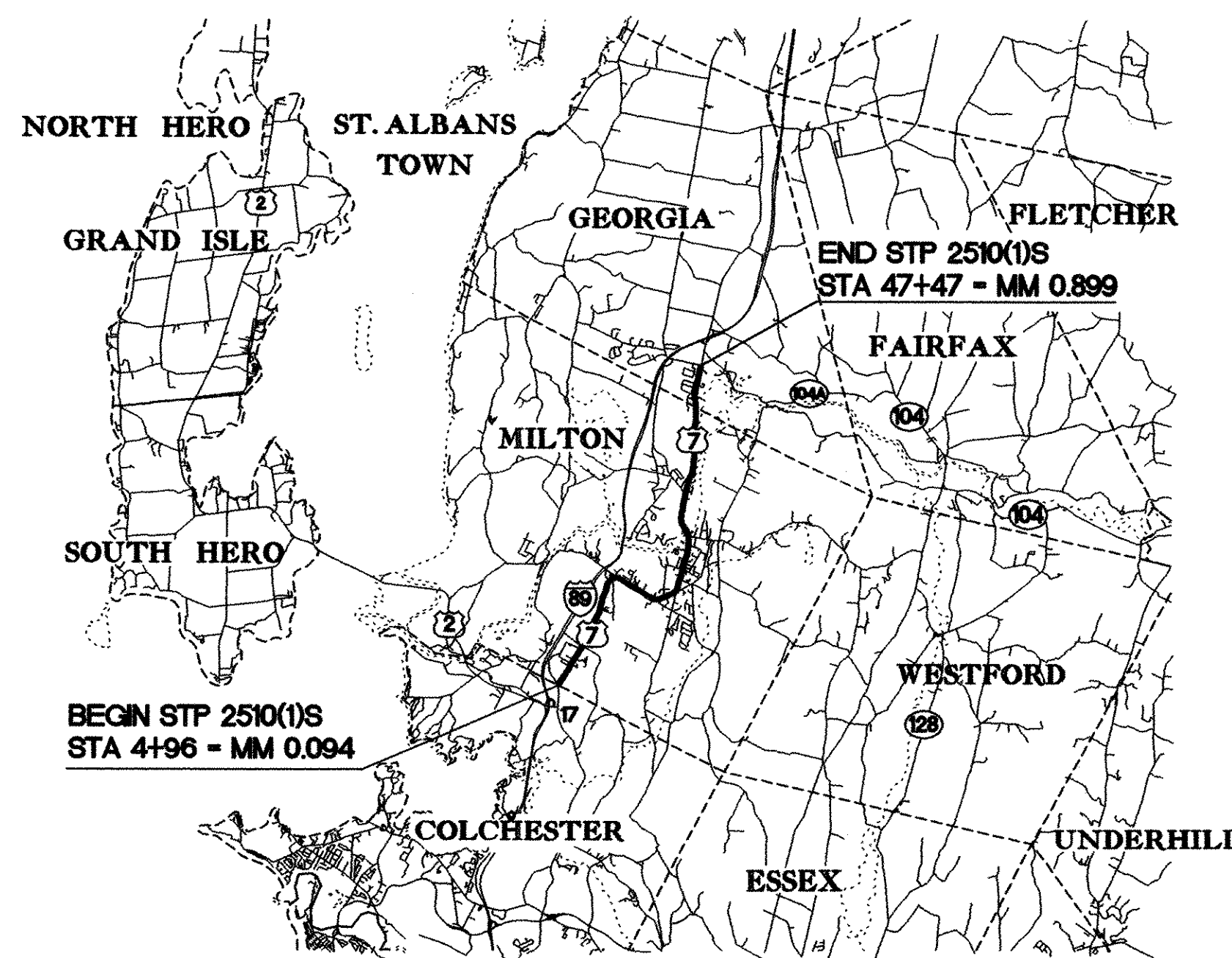


PROPOSED IMPROVEMENTS TOWNS OF MILTON AND GEORGIA COUNTIES OF CHITTENDEN and FRANKLIN US ROUTE 7

BEGINNING AT STATION 4+96 (MM 0.094) OF US ROUTE 7 IN THE TOWN OF MILTON AND EXTENDING NORTHERLY ALONG US ROUTE 7 THROUGH THE TOWN OF MILTON AND INTO THE TOWN OF GEORGIA FOR A DISTANCE OF APPROXIMATELY 45,593 FEET (8.635 MILES) TO THE END OF THE PROJECT AT STATION 47+47 (M.M. 0.899) IN THE TOWN OF GEORGIA.

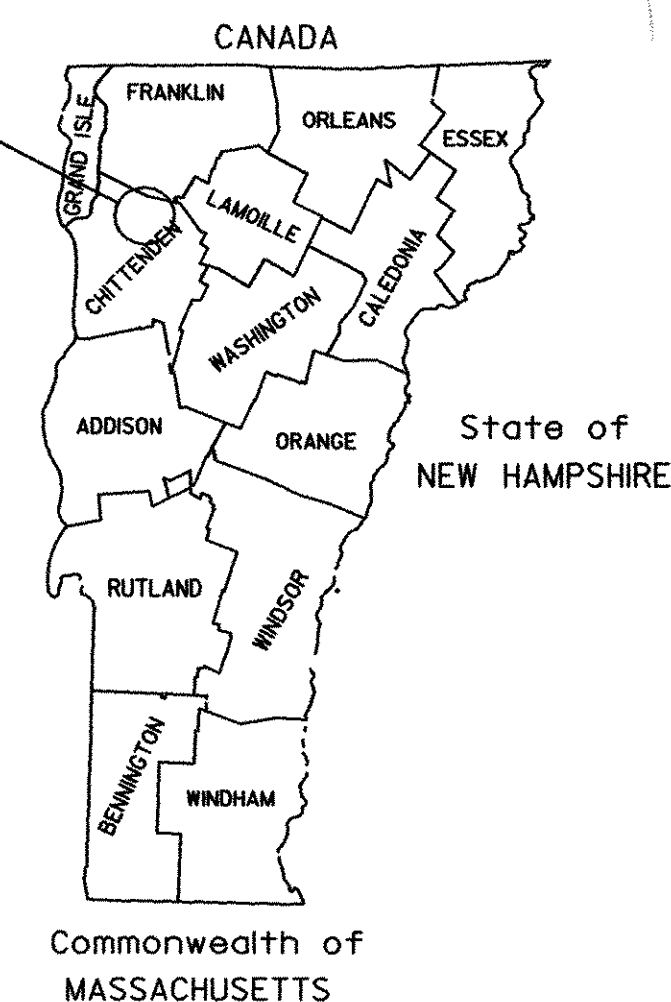
STATION TO STATION DATA		LENGTH	
		(FEET)	(MILES)
TOWN OF MILTON			
STA 4+96 TO STA 413+42		40,846	
(MM 0.094 TO MM 7.830)			7.736
TOWN OF GEORGIA			
STA 0+00 TO STA 47+47		4,747	
(MM 0.000 TO MM 0.899)			0.899
PROJECT TOTALS		45,593	8.635

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.



PROJECT LOCATION STP 2510(1)S

State of
NEW YORK



TRAFFIC DATA

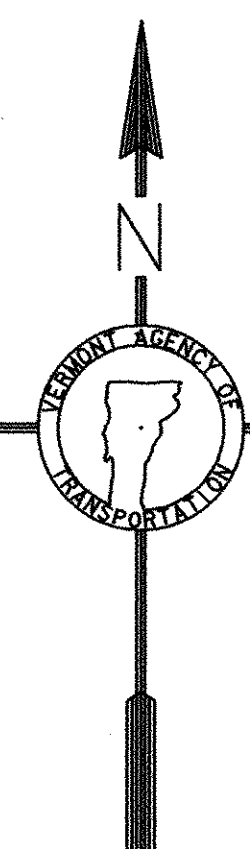
	ADT		DHV		ESAL'S (2007-2017)	ESAL'S (2007-2027)
	2007	2017	2007	2017		
BEGINNING OF PROJECT TO MAYO ROAD (MM 0.190)	10,700	11,400	1,200	1,300	1,283,000	2,967,000
MAYO ROAD (MM 2.61) TO CHERRY STREET (MM 3.83)	13,200	14,100	1,500	1,600	1,610,000	3,846,000
CHERRY STREET (MM 3.83) TO LAKE ROAD (MM 4.84)	8,500	9,000	950	1,000	1,032,000	2,452,000
LAKE ROAD (MM 4.84) TO SANDY BIRCH ROAD (MM 0.83)	4,800	5,500	540	620	838,000	2,006,000
SANDY BIRCH ROAD (MM 0.83) TO END OF PROJECT	7,900	9,000	880	1,000	1,375,000	3,280,000

MILTON - GEORGIA US ROUTE 7, MM 0.094 TO MM 0.899

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,923,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

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.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE 4-4-07
PROJECT MANAGER : WOOLLAVER	
PROJECT NAME : MILTON - GEORGIA	
PROJECT NUMBER : STP 2510(1)S	
SHEET 1 OF 44 SHEETS	

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---o---o---
POINT OF ACCESS	X
FENCE LINE	---x---x---
STONE WALL	=====
TRAVELED WAY	=====
GUARD RAIL	---o---o---
RAILROAD	
SURVEY LINE	---+---+---
CULVERT	---x---x---
POWER POLE	o
TELEPHONE POLE	o
TREES	o * o
CONTROL OF ACCESS	---/---/---
PROPERTY LINE	---
R.O.W. TAKING LINE	---SR---
SLOPE RIGHTS	---o---o---
TOP OF CUT	---^---^---
TOE OF SLOPE	---o---o---

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BY:



CIVIL ENGINEERING ASSOCIATES, INC.
P.O. BOX 486 SHELBURNE, VT 05482
802-985-2323 FAX: 802-985-2271 web: www.ced-vt.com

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE IVS.

THE LEVELING COURSE SHALL BE TYPE IVS 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 1/2in. OF ITEM 490.30 HAS BEEN INCLUDED TO COVER THIS PROVISION.

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 = +/- 1/4in (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, GRADER RENTAL, LOADER RENTAL, TRUCK RENTAL, AND POWER BROOM RENTAL. 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 OR AGGREGATE SHOULDERS, RAP.

5. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6 ft 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, 604.42, & 629.20 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, MANHOLES, AND WATER VALVES SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW FINISH GRADE ELEVATION IS LEVEL WITH THE SURROUNDING TERRAIN.

8. ALL EDGES OF PAVEMENT SHALL BE BACKED UP FULL HEIGHT WITH COLD PLANE GRINDINGS AS DIRECTED BY THE RESIDENT ENGINEER AND WILL BE PAID FOR UNDER ITEM 402.I3, AGGREGATE SHOULDERS, RAP.

9. ALL DRIVES SHALL RECEIVE A PAVED APRON OF 4 FEET OR TO THE SIDEWALK, 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 ITEM 210.I0 OR 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 490.30. ESTIMATED QUANTITIES OF THE ABOVE ITEMS HAVE BEEN INCLUDED TO PAY FOR THIS WORK.

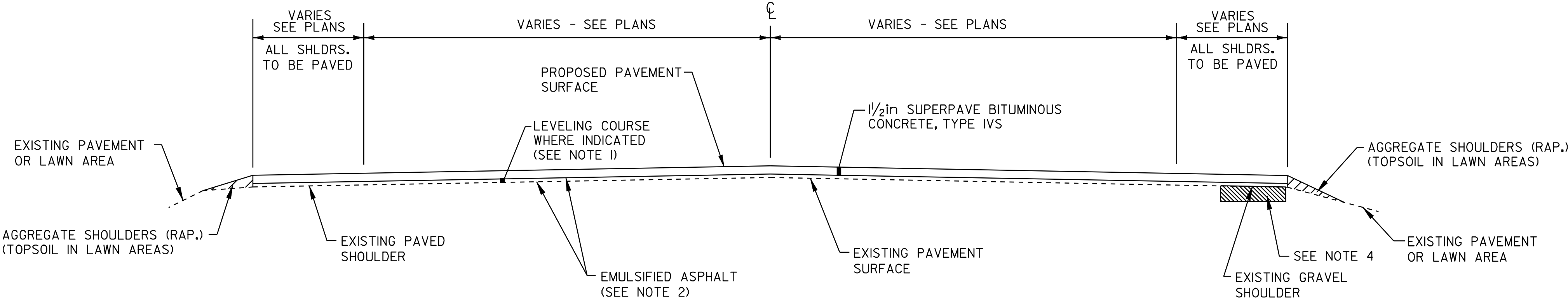
10. AN ESTIMATED QUANTITY OF EARTH BORROW HAS BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARD RAIL END SECTIONS WHICH SHALL BE CAPPED WITH AN ESTIMATED 3" DEPTH OF AGGREGATE SHOULDERS, RAP, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. THE QUANTITIES INCLUDED REFLECT 25 CUBIC YARDS OF EARTH BORROW AND 5 TONS OF AGGREGATE SHOULDERS, RAP 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 490.30, SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34).

12. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28, SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.I3, AGGREGATE SHOULDERS, RAP, AND ITEM 651.35, TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT PRICE OF EACH ITEM.

13. SIDEWALK RAMP DETECTABLE WARNING SURFACES SHALL BE TRUNCATED DOME DETECTABLE WARNING PLATES MANUFACTURED BY NEENAH FOUNDRY OR ANOTHER EQUAL CAST IRON PRODUCT FROM THE AGENCY'S APPROVED PRODUCTS LIST.

14. THE SUBBASE OF CRUSHED GRAVEL (FINE GRADED) USED FOR SHOULDER AND SIDEWALK CONSTRUCTION SHALL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.



OVERLAY TYPICAL SECTION

MILTON

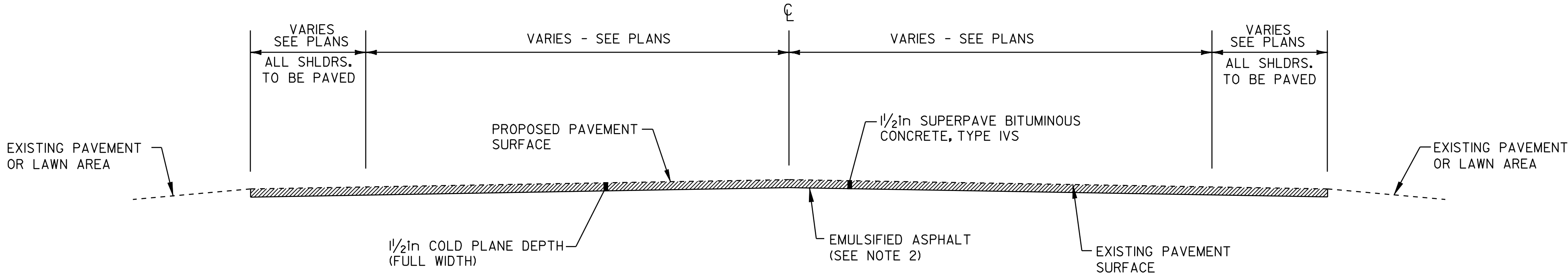
STA 4+96 TO 75+50 (WITH LEVELING)

STA 75+50 TO 208+50 (w/o LEVELING)

STA 278+25 TO 413+42 (w/o LEVELING)

GEORGIA

STA 0+00 TO 47+47 (w/o LEVELING)



COLD PLANED TYPICAL SECTION

MILTON

STA 208+50 TO 278+25

PROJECT PAVING LIMITS

TOWN & ROUTE	BEGIN STATION	END STATION	LANE TYPICAL	WEARING DEPTH	LEVELING Tons	NOTES
MILTON - US ROUTE 7	4+96	75+50	VARIES-VARIES-VARIES-VARIES	1/2in	890	LEVEL & PAVE W/1/2in TYPE IVS
	75+50	208+50	VARIES-VARIES-VARIES-VARIES	1/2in	--	PAVE W/1/2in TYPE IVS
	208+50	278+25	VARIES-VARIES-VARIES-VARIES	1/2in	--	COLD PLANE 1/2in, PAVE W/1/2in TYPE IVS
	278+25	413+42	VARIES-VARIES-VARIES-VARIES	1/2in	--	PAVE W/1/2in TYPE IVS
GEORGIA - US ROUTE 7	0+00	47+47	3ft - 11ft - 11ft - 3ft	1/2in	--	PAVE W/1/2in TYPE IVS

PROJECT TYPICAL SHEET #1

DESIGNED BY BCE/PJM DATE 8-06

DRAWN BY C.E.A., INC. DATE 8-06

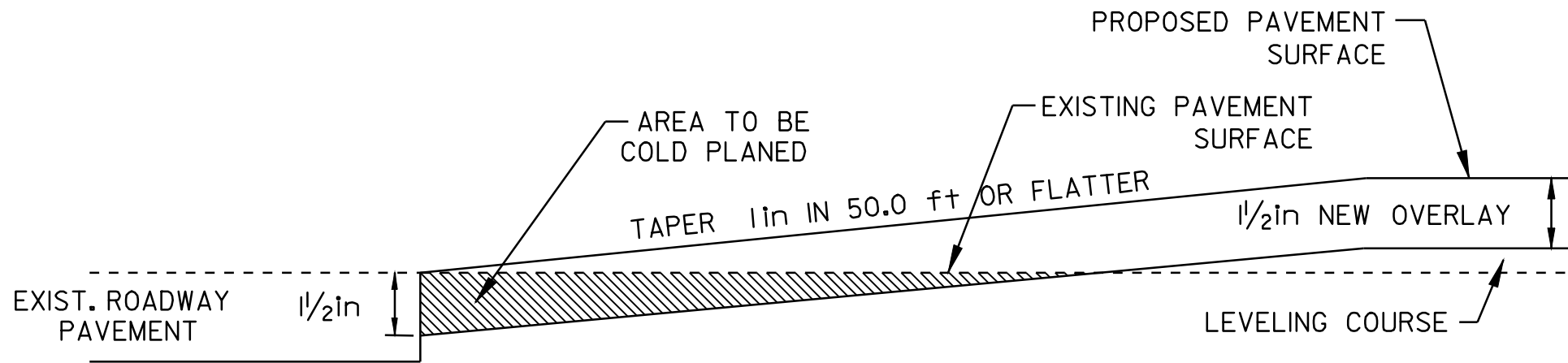
DESIGN FILE NO. 05cl58.dgn

PRF FILE 05cl58+yp1.i DATE PLOTTED 19-MAY-2009.1

PROJ. NAME MILTON - GEORGIA

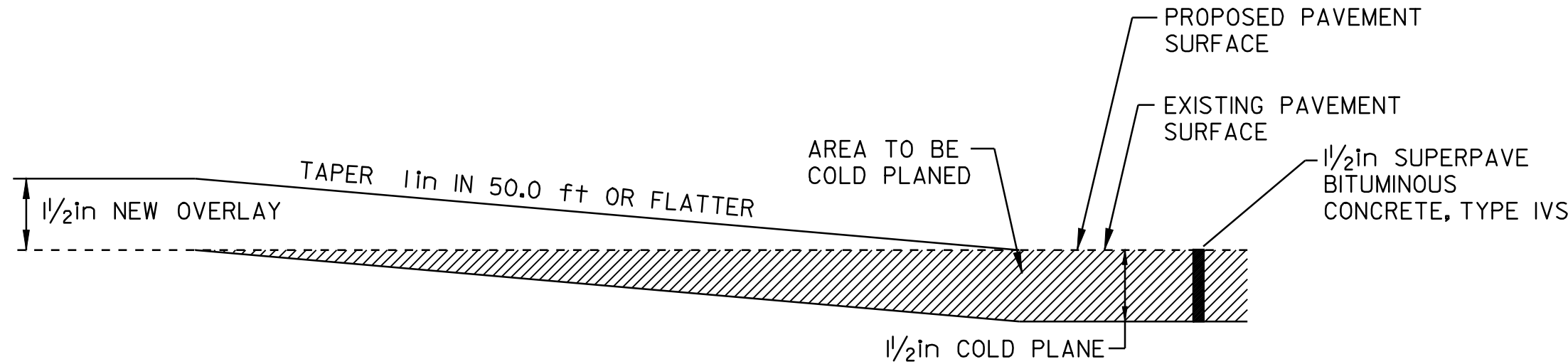
PROJ. NO. STP 2510(1)S

SHEET 2 OF 44 SHEETS



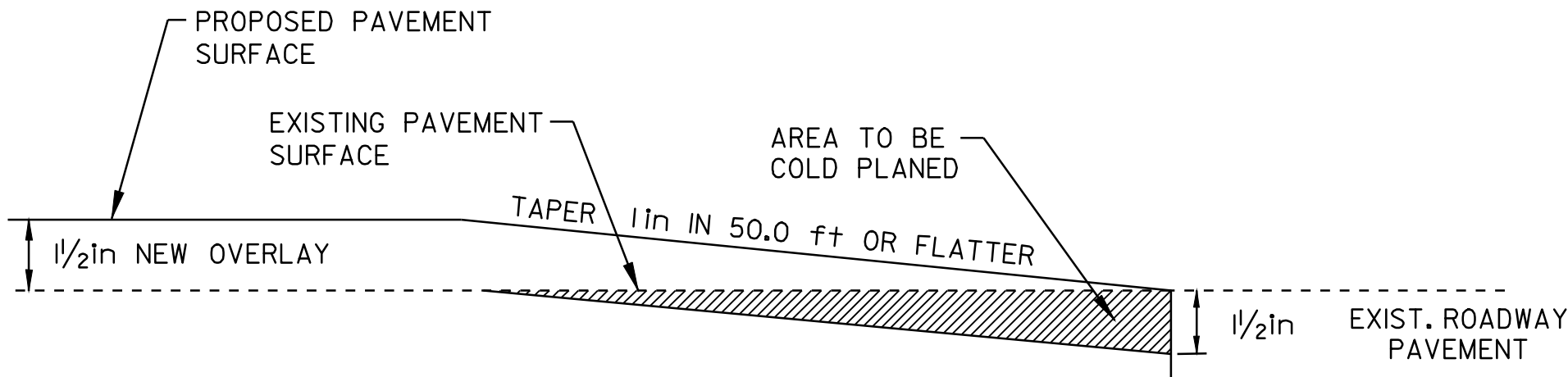
- APPROACH AREA DETAIL -

MILTON
STA 4+96 TO 5+71 (BEGIN PROJECT)



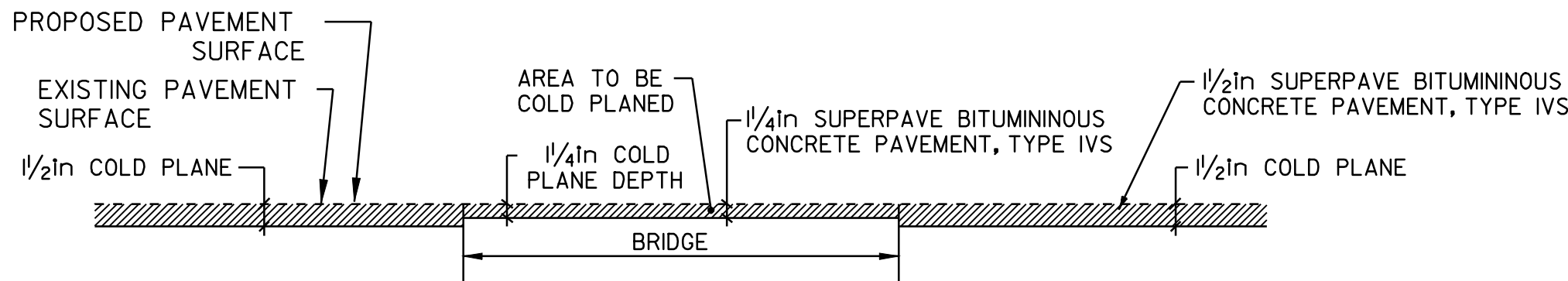
- TRANSITION AREA DETAIL -

MILTON
STA 207+75 TO 208+50 (END OVERLAY/BEGIN COLD PLANE)
STA 278+25 TO 279+00 (END COLD PLANE/BEGIN OVERLAY)



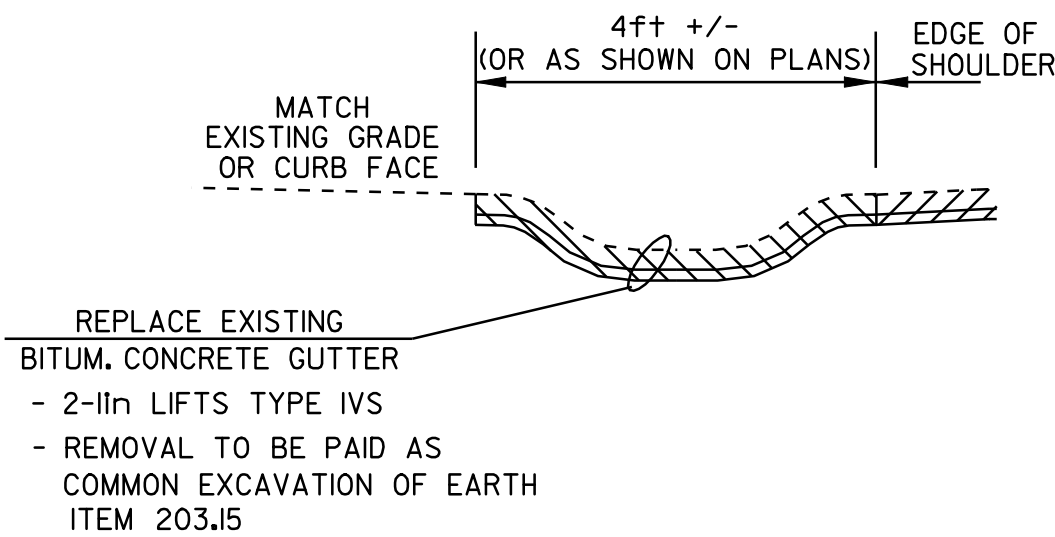
- APPROACH AREA DETAIL -

GEORGIA
STA 46+72 TO 47+47 (END PROJECT)



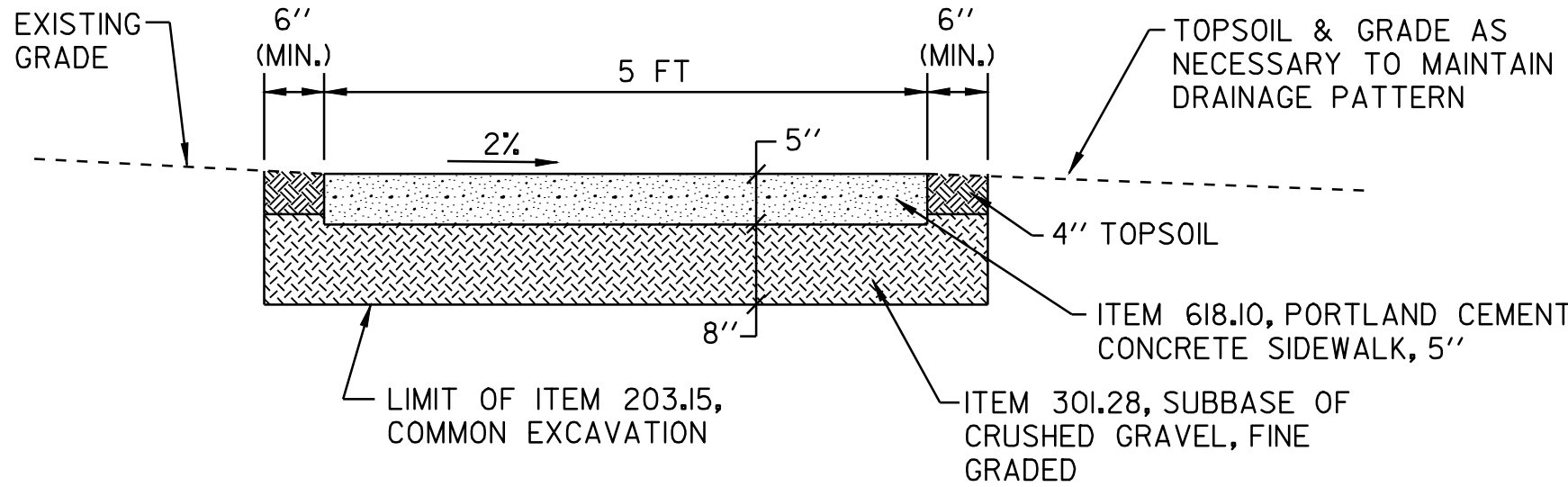
- COLD PLANING DETAIL @ BRIDGE -

MILTON
BRIDGE #162 - STA 269+55



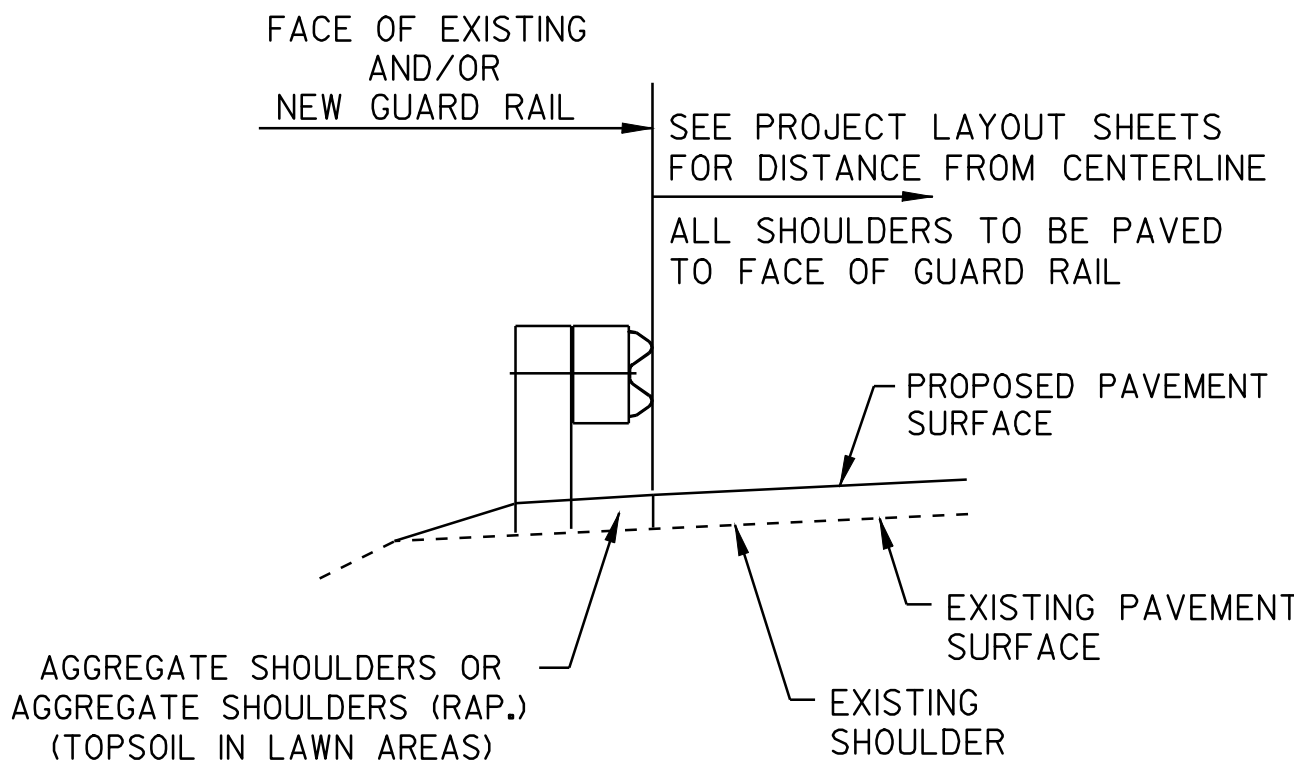
BITUMINOUS CONCRETE
GUTTER DETAIL

MILTON
STA 220+38 TO 241+00 RT
STA 235+75 TO 239+75 LT
STA 244+55 TO 250+50 RT
STA 257+75 TO 263+80 RT
STA 257+80 TO 260+90 LT



NEW CONCRETE SIDEWALK

MILTON
STA 194+15 TO 195+45 RT



- TYPICAL SECTION AT GUARD RAIL -

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.

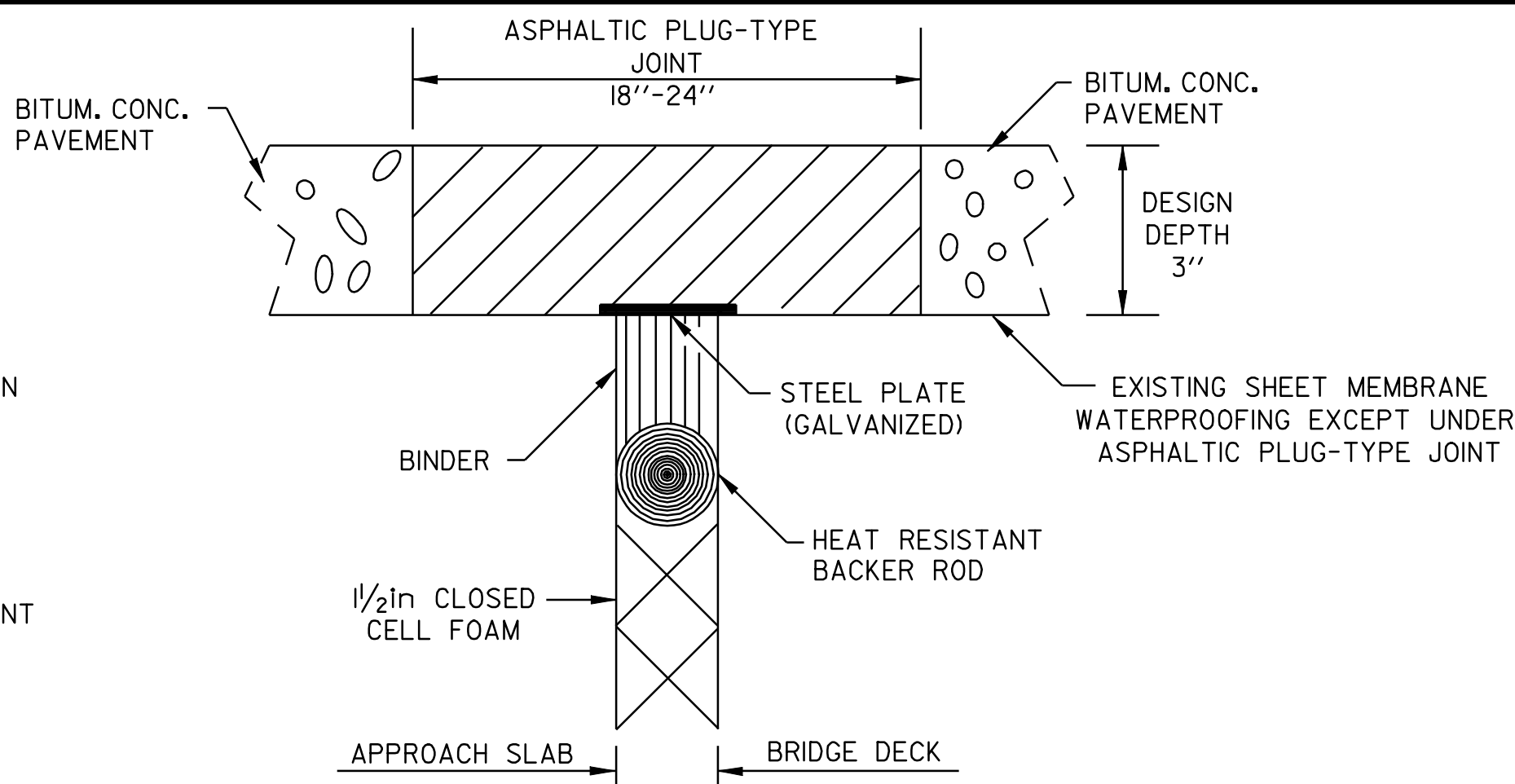
SEED:
TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE
RESIDENT ENGINEER.

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

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

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

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



* REFER TO SPECIAL PROVISIONS
FOR BASIS OF PAYMENT

- ASPHALTIC PLUG TYPE JOINT DETAIL -

LOCATION

MILTON

BRIDGE #162 (33ft) - STA 267+78
BRIDGE #162 (33ft) - STA 271+32

- 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 1 INCH+/- OF BINDER ABOVE
THE ROD.
6. THE BINDER MATERIAL SHALL BE HEATED AND PLACED AS
RECOMMENDED BY THE MANUFACTURER.
7. PLACE 1/4 INCH 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.

PROJECT
TYPICAL
SHEET #2

DESIGNED BY BCE/PJM DATE 8-06

DRAWN BY C.E.A., INC. DATE 8-06

DESIGN FILE NO. 05cl58.dgn

PRF FILE 05cl58+yp2.1 DATE PLOTTED 19-MAY-2009 12

PROJ. NAME MILTON - GEORGIA

PROJ. NO. STP 2510(1)S

SHEET 3 OF 44 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

APPROXIMATE SUMMARY OF QUANTITIES									
EMPLOYEE TRAINEESHIP	FULL CE	NON GOV'T PARTICIPATING	GOV'T PARTICIPATING		QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
			BRIDGE	ROADWAY					
				160	160	CY	COMMON EXCAVATION	203.15	2
				50	50	CY	SOLID ROCK EXCAVATION	203.16	EST
				30	30	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	EST
				800	800	CY	EARTH BORROW	203.30	EST
				1	1	CY	TRENCH EXCAV. OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	EST
				36,500	36,500	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	910
				725	725	TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	EST
				2,350	2,350	TON	AGGREGATE SHOULDERS, RAP	402.13	EST
				410	410	CWT	EMULSIFIED ASPHALT	404.65	EST
				1	1	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	--
				15,600	15,600	TON	SUPERPAVE BIT. CONCRETE PAVEMENT (PG 58-34)	490.30	360
				1	1	LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	--
				1	1	LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	--
				1	1	LU	LONG. JOINT COMPACTION PAY ADJUST. (N.A.B.I.)	490.34	--
			66		66	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	1
				10	10	LF	15" CSP .064 (2-2/3 X 1/2)	601.0010	EST
				300	300	LF	CLEAN. CULV. PIPE, IN-PLACE (0 TO 24 IN., INCL.)	601.995	EST
				300	300	LF	CLEAN. CULV. PIPE, IN-PLACE (GREATER THAN 24 IN.)	601.996	EST
				17	17	EA	CHANGING ELEVATION OF D.I.'S, C.B'S. OR M.H.'S	604.40	EST
				5	5	EA	REHABILITATION OF D.I., C.B. OR M.H. CLASS I	604.412	EST
		20			20	EA	CHANGING ELEVATION OF SEWER MANHOLES	604.42	EST
				90	90	HR	POWER GRADER RENTAL	608.15	EST
				240	240	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
				90	90	HR	POWER BROOM RENTAL, TYPE I	608.30	EST
				50	50	HR	POWER BROOM RENTAL, TYPE II	608.31	EST
				480	480	HR	TRUCK RENTAL	608.37	EST
				130	130	HR	LOADER RENTAL, TYPE I	608.40	EST
				900	900	CY	STONE FILL, TYPE 1	613.10	10
				20	20	LF	CAST-IN-PLACE CONCRETE CURB, TYPE A	616.27	--
				240	240	TON	BITUMINOUS CONC. GUTTERS & TRAFFIC ISLANDS	616.47	6
				5	5	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	--
				3	3	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	--
				195	195	SY	PORTLAND CEMENT SIDEWALK, 5IN	618.10	--
				4	4	TON	BITUMINOUS CONCRETE SIDEWALK	618.15	--
				270	270	SF	DETECTABLE WARNING SURFACE	618.30	--
				10	10	EA	YIELDING MARKER POSTS	619.17	EST
				1,875	1,875	LF	STEEL BEAM GUARD RAIL, GALVANIZED	621.20	25
				6,900	6,900	LF	STEEL BEAM GUARD RAIL, GALVANIZED W/8FT POSTS	621.205	50
				24	24	EA	MANUFACTURED TERMINAL SECTION, FLARED	621.50	--
				8	8	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	--

[illegible][illegible][illegible]

TOTALS			
QUANTITY SHEET #1	PROJECT NAME	MILTON - GEORGIA	05cl58.dgn/o5cl58qsl.i
	PROJECT NUMBER	STP 2510(1)S	
			DATE PLOTTED
			SHEET 4 OF

STATE OF VERMONT
AGENCY OF TRANSPORTATION

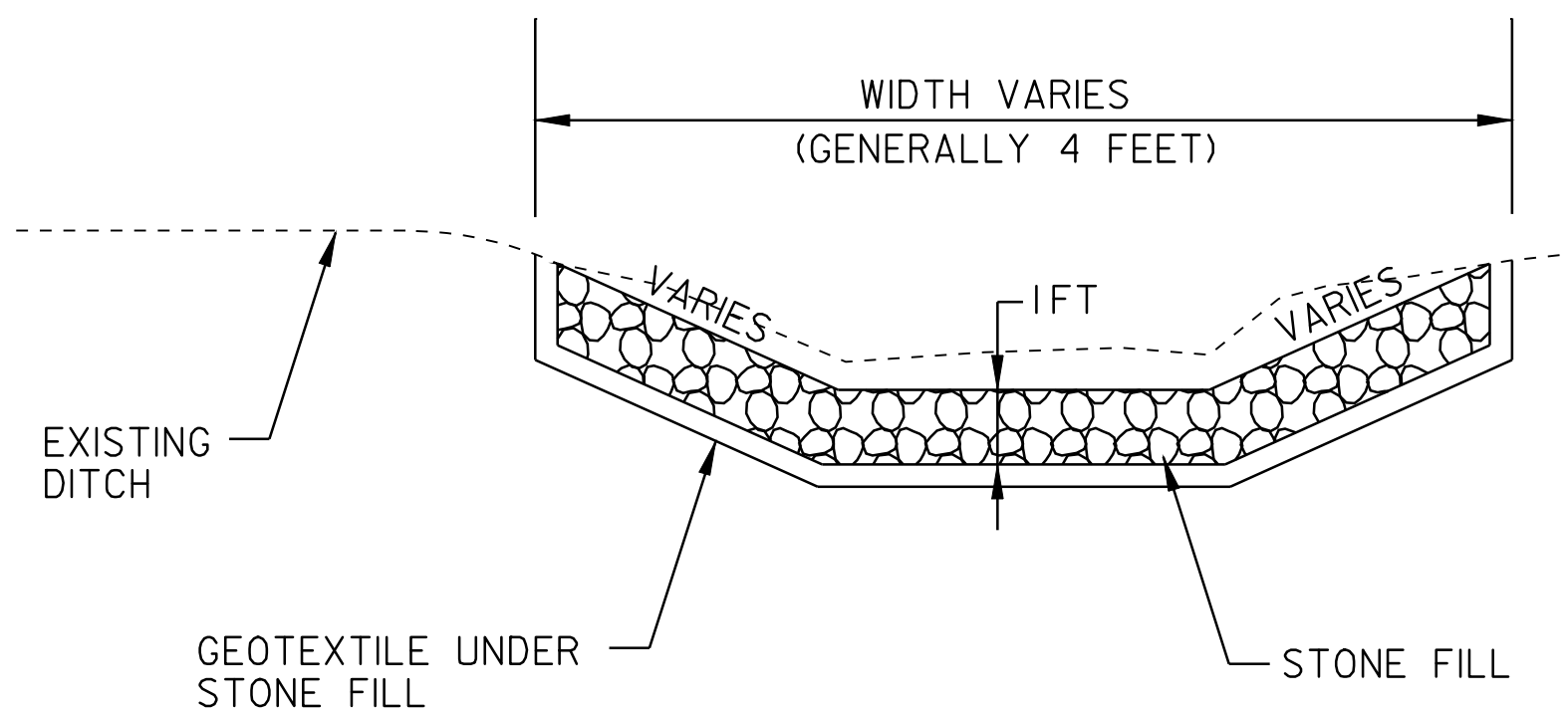
QUANTITY SHEET 2

APPROXIMATE SUMMARY OF QUANTITIES									
EMPLOYEE TRAINEESHIP	FULL CE	NON GOV'T PARTICIPATING	GOV'T PARTICIPATING BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				9,600	9,600	LF	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	25
		33			33	EA	ADJUST ELEVATION OF VALVE BOX	629.20	--
				1,000	1,000	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST
				5,000	5,000	HR	FLAGGERS	630.15	EST
	1				1	LS	FIELD OFFICE, ENGINEERS	631.10	--
	1				1	LS	TESTING EQUIPMENT, BITUMINOUS	631.17	--
	1				1	LU	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.25	EST
520					520	HR	EMPLOYEE TRAINEESHIP	634.10	EST
				1	1	LS	MOBILIZATION/DEMOBILIZATION	635.11	EST
				1	1	LS	TRAFFIC CONTROL	641.10	EST
				1	1	LS	PUBLIC RELATIONS OFFICER	641.12	EST
				2	2	EA	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	EST
				92,500	92,500	LF	DURABLE 4IN WHITE LINE, THERMOPLASTIC	646.402	--
				90,100	90,100	LF	DURABLE 4IN YELLOW LINE, THERMOPLASTIC	646.412	--
				560	560	LF	DURABLE 8IN YELLOW LINE, THERMOPLASTIC	646.452	--
				760	760	LF	DURABLE 24 IN STOP BAR, THERMOPLASTIC	646.482	--
				279	279	EA	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	--
				415	415	LF	DURABLE CROSSWALK MARKING, TYPE I TAPE	646.501	--
				92,500	92,500	LF	TEMPORARY 4IN WHITE LINE, PAINT	646.602	EST
				90,100	90,100	LF	TEMPORARY 4IN YELLOW LINE, PAINT	646.612	EST
				760	760	LF	TEMPORARY 24IN STOP BAR, PAINT	646.682	EST
				227	227	EA	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	--
				490	490	LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	--
				1,500	1,500	EA	LINE STRIPING TARGETS	646.76	EST
				4,050	4,050	SY	GEOTEXTILE UNDER STONE FILL	649.31	48
				120	120	LB	SEED	651.15	EST
				1,000	1,000	LB	FERTILIZER	651.18	EST
				4	4	TON	AGRICULTURAL LIMESTONE	651.20	EST
				4	4	TON	HAY MULCH	651.25	EST
				200	200	CY	TOPSOIL	651.35	EST
				900	900	SY	TEMPORARY EROSION MATTING	653.20	12
				575	575	SF	TRAFFIC SIGNS, TYPE A	675.20	1.7
							- BEGIN OPTION ITEMS -		
				1,440	1,440	LF	FLANGED CHANNEL SIGN POSTS	675.301	EST
				1,440	1,440	LF	SQUARE TUBE STEEL POST AND ANCHORS	675.341	EST
							- END OPTION ITEMS -		
				131	131	EA	REMOVING SIGNS	675.50	--
				44	44	EA	ERECTING SALVAGED SIGNS	675.60	--
				42	42	EA	DELINEATORS WITH STEEL POST	676.10	EST
				500	500	LF	VEHICLE LOOP DETECTOR	678.22	EST
				1	1	EA	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	EST
				75	75	LF	SPECIAL PROVISION (DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED)	900.640	--

[illegible][illegible][illegible]

TOTALS

QUANTITY SHEET #2	PROJECT NAME	MILTON - GEORGIA	05cl58.dgn/05cl58qs2.l	DATE PLOTTED
	PROJECT NUMBER	STP 2510(1)S		SHEET 5 OF

[illegible]

DITCH DETAIL

NOT TO SCALE

NOTES

1. PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGH PROJECT, SHALL BE PERFORMED AT LOCATIONS INDICATED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).
2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING, AND STONE FILL TYPE I HAVE BEEN INCLUDED. DITCHES WITH A GRADE OF LESS THAN 1 PERCENT SHALL BE SEEDED. TEMPORARY EROSION MATTING SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 1 AND 2 1/2 PERCENT AND STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE BETWEEN 2 1/2 AND 10 PERCENT.

DITCH CLEANING DETAIL SHEET	PROJECT : MILTON - GEORGIA		PROJECT NO. : STP 2510(I)S		
	DESIGN FILE NAME: 05c158.dgn				
	IPARM FILE NAME: 05c158d1.f.t		PLOT DATE: 19-MAY-2009 12		
	SURVEYED BY: BCE/PJM		SURVEY DATE: 9-06		
	SQUAD LEADER: BCE		DRAWN BY: C.E.A., INC.		
		SHEET: 8 OF 44			

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

STA 4+96 TO 16+10 SOLID LT&RT
STA 16+10 TO 18+50 DOUBLE SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

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

STA 4+96 TO 18+50 SOLID LT&RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)

DURABLE 8in YELLOW LINE (THERMOPLASTIC)

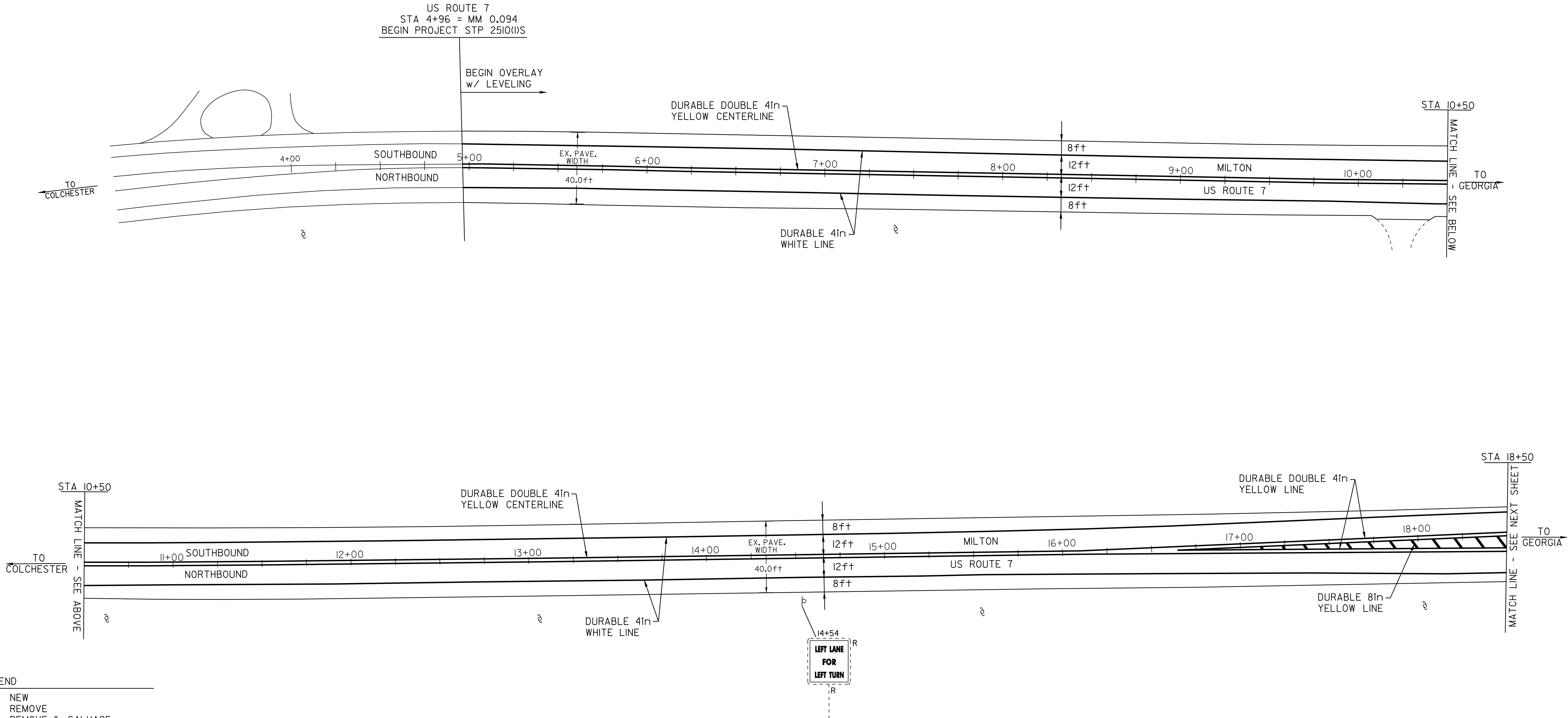
STA 16+10 TO 18+50 PAINTED ISLAND

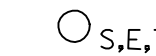
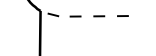
REMOVING SIGNS

1

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)

STA 15+50 TO 18+50 RT
STA 17+00 TO 18+50 LT



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
	CATCH BASIN/DI
	EXISTING HYDRANT
	EXISTING VALVE (WATER,GAS)
	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
	UTILITY POLE
	DRIVE

PAVING PROJECT LAYOUT SHEET #1

DESIGNED BY BCE/PJM DATE 8-06

DRAWN BY C.E.A., INC. DATE 8-06

DESIGN FILE NO. 05cl58.dgn

PRF FILE 05cl58p01.i DATE PLOTTED 19-MAY-2009 12

PROJ. NAME **MILTON - GEORGIA**

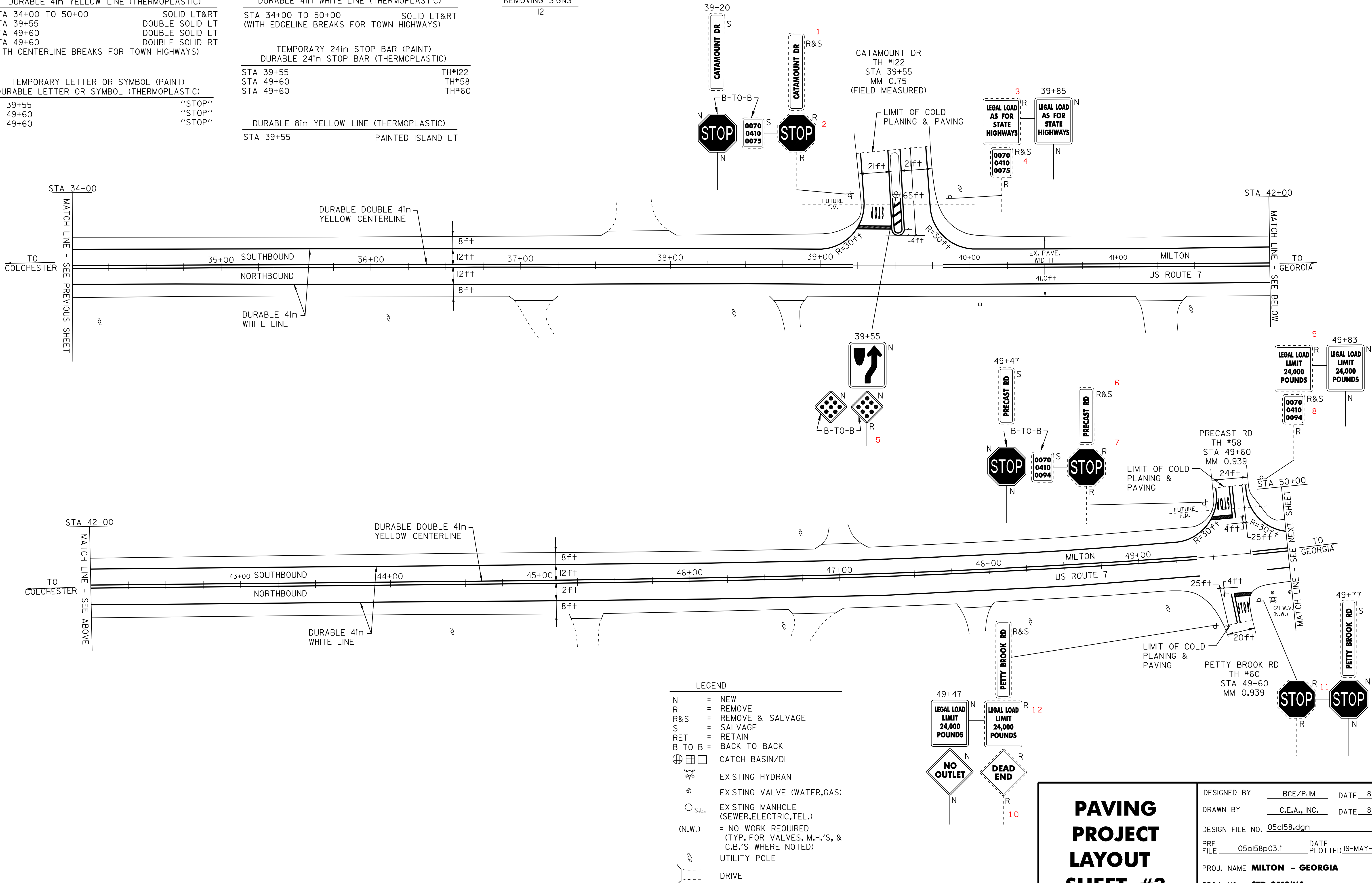
PROJ. NO. **STP 2510(1)S**

SHEET **9** OF **44** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)	
DURABLE 4in YELLOW LINE (THERMOPLASTIC)	
STA 34+00 TO 50+00	SOLID LT&RT
STA 39+55	DOUBLE SOLID LT
STA 49+60	DOUBLE SOLID LT
STA 49+60	DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY LETTER OR SYMBOL (PAINT)	
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	
STA 39+55	"STOP"
STA 49+60	"STOP"
STA 49+60	"STOP"

TEMPORARY 4in WHITE LINE (PAINT)	
DURABLE 4in WHITE LINE (THERMOPLASTIC)	
STA 34+00 TO 50+00	SOLID LT&RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY 24in STOP BAR (PAINT)	
DURABLE 24in STOP BAR (THERMOPLASTIC)	
STA 39+55	TH#122
STA 49+60	TH#58
STA 49+60	TH#60
DURABLE 8in YELLOW LINE (THERMOPLASTIC)	
STA 39+55	PAINTED ISLAND LT

REMOVING SIGNS
12



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	CATCH BASIN/DI
⊗	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
○ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊕	UTILITY POLE
---	DRIVE

PAVING PROJECT LAYOUT SHEET #3	DESIGNED BY	BCE/PJM	DATE	8-06
	DRAWN BY	C.E.A., INC.	DATE	8-06
	DESIGN FILE NO.	05cl58.dgn		
	PRF FILE	05cl58p03.1	DATE PLOTTED	19-MAY-2009 12
	PROJ. NAME	MILTON - GEORGIA		
PROJ. NO.		STP 2510(1)S		
SHEET		11	OF	44 SHEETS

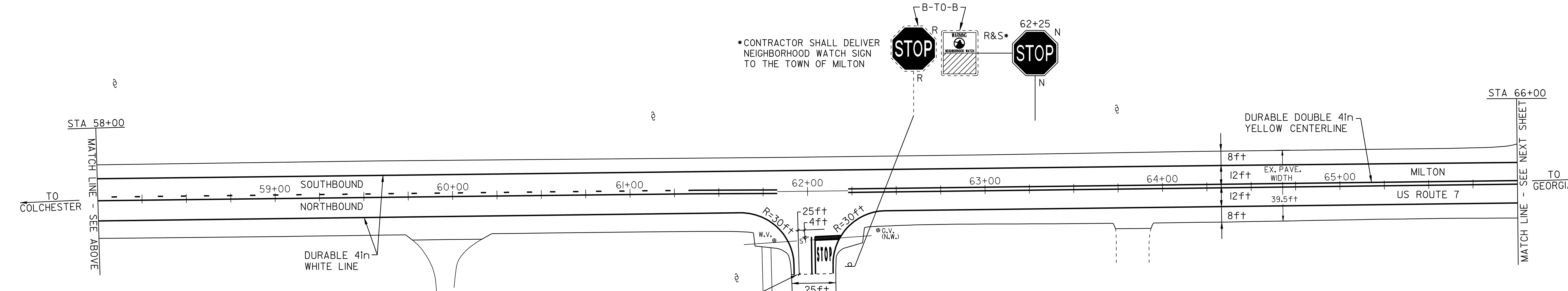
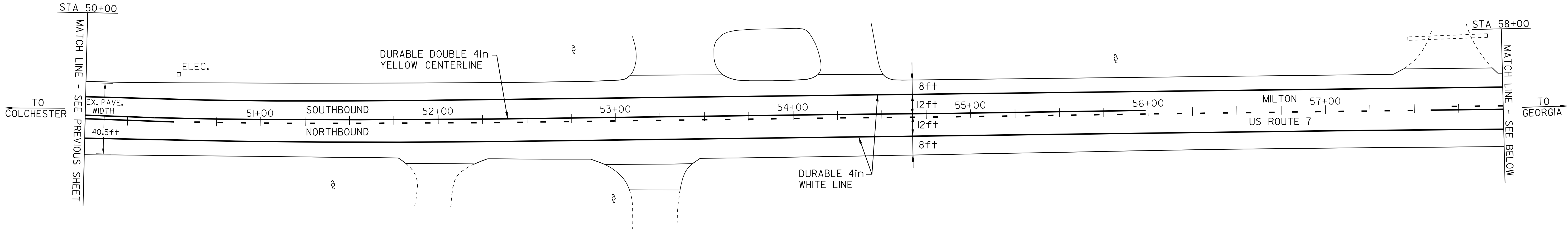
TEMPORARY 4in YELLOW LINE (PAINT)	
DURABLE 4in YELLOW LINE (THERMOPLASTIC)	
STA 50+00 TO 50+52	SOLID LT&RT
STA 50+52 TO 55+98	SOLID LT & DASHED RT
STA 55+98 TO 57+62	DASHED
STA 57+62 TO 61+38	DASHED LT & SOLID RT
STA 61+38 TO 66+00	SOLID LT&RT
STA 62+08	DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY LETTER OR SYMBOL (PAINT)	
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	
STA 62+08 RT	"STOP"

TEMPORARY 4in WHITE LINE (PAINT)	
DURABLE 4in WHITE LINE (THERMOPLASTIC)	
STA 50+00 TO 66+00	SOLID LT&RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY 24in STOP BAR (PAINT)	
DURABLE 24in STOP BAR (THERMOPLASTIC)	
STA 62+08 RT	TH#157

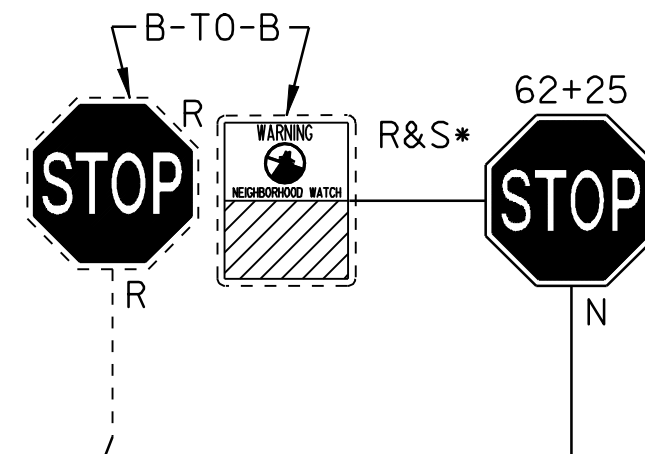
REMOVING SIGNS
3

ADJUST ELEVATION OF VALVE BOX
STA 61+80 RT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 62+50 TO 63+60 RT



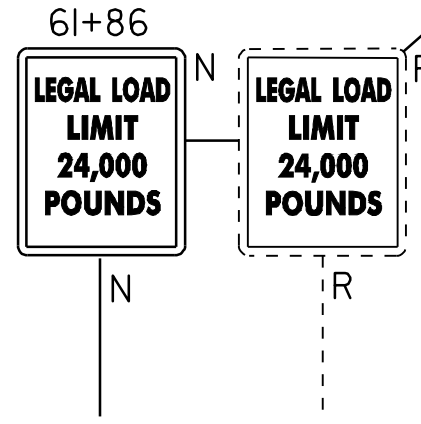
*CONTRACTOR SHALL DELIVER
NEIGHBORHOOD WATCH SIGN
TO THE TOWN OF MILTON



LIMIT OF COLD
PLANING &
PAVING

CONCRETE
SIDEWALK

ANDREA LANE
TH #157
STA 62+08
MM 1.175



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊞	CATCH BASIN/DI
⚡	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
⊙ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊕	UTILITY POLE
⌈	DRIVE

PAVING PROJECT LAYOUT SHEET #4

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO.	05cl58.dgn		
PRF FILE	05cl58p04.i	DATE PLOTTED	19-MAY-2009 12
PROJ. NAME	MILTON - GEORGIA		
PROJ. NO.	STP 2510(1)S		
SHEET	12	OF	44 SHEETS

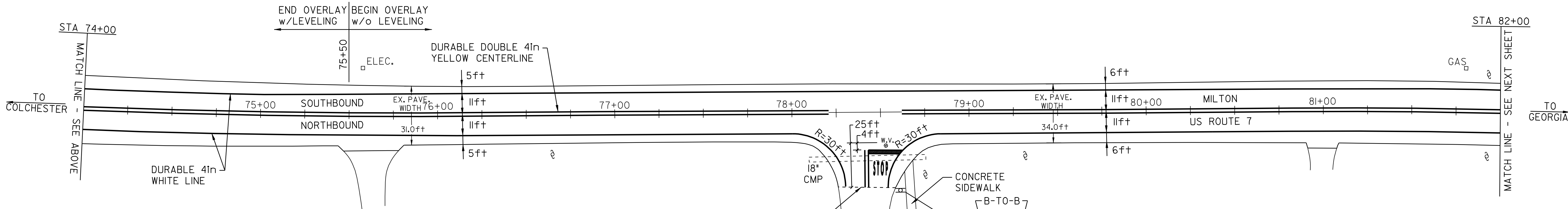
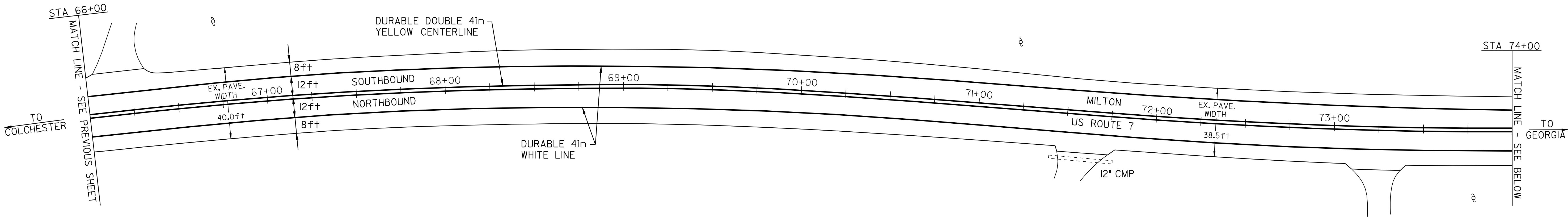
TEMPORARY 4in YELLOW LINE (PAINT)	
DURABLE 4in YELLOW LINE (THERMOPLASTIC)	
STA 66+00 TO 82+00	SOLID LT&RT
STA 78+49	DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY LETTER OR SYMBOL (PAINT)	
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	
STA 78+49 RT	"STOP"

TEMPORARY 4in WHITE LINE (PAINT)	
DURABLE 4in WHITE LINE (THERMOPLASTIC)	
STA 66+00 TO 82+00	SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY 24in STOP BAR (PAINT)	
DURABLE 24in STOP BAR (THERMOPLASTIC)	
STA 78+49 RT	TH#157

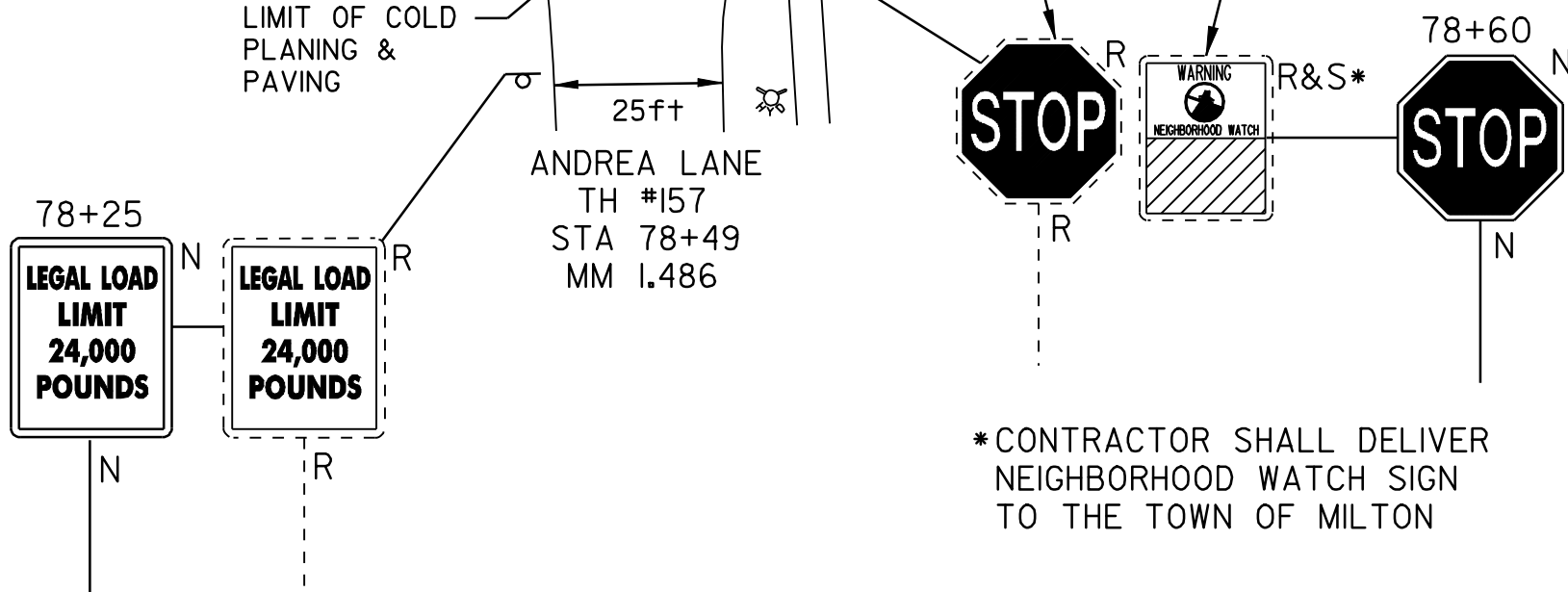
REMOVING SIGNS
3

ADJUST ELEVATION OF VALVE BOX
STA 78+53 RT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 70+00 TO 71+75 RT



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕ ⊞ □	CATCH BASIN/DI
⊗	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
○ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊗	UTILITY POLE
---	DRIVE



PAVING PROJECT LAYOUT SHEET #5	DESIGNED BY	BCE/PJM	DATE	8-06
	DRAWN BY	C.E.A., INC.	DATE	8-06
	DESIGN FILE NO.	05c158.dgn		
	PRF FILE	05c158p05.l	DATE PLOTTED	19-MAY-2009 12
	PROJ. NAME	MILTON - GEORGIA		
	PROJ. NO.	STP 2510(1)S		
	SHEET	13	OF	44 SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 82+00 TO 92+65 SOLID LT&RT
STA 92+32 DOUBLE SOLID RT
STA 92+65 TO 97+00 SOLID LT & DASHED RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)
STA 92+32 RT "STOP"

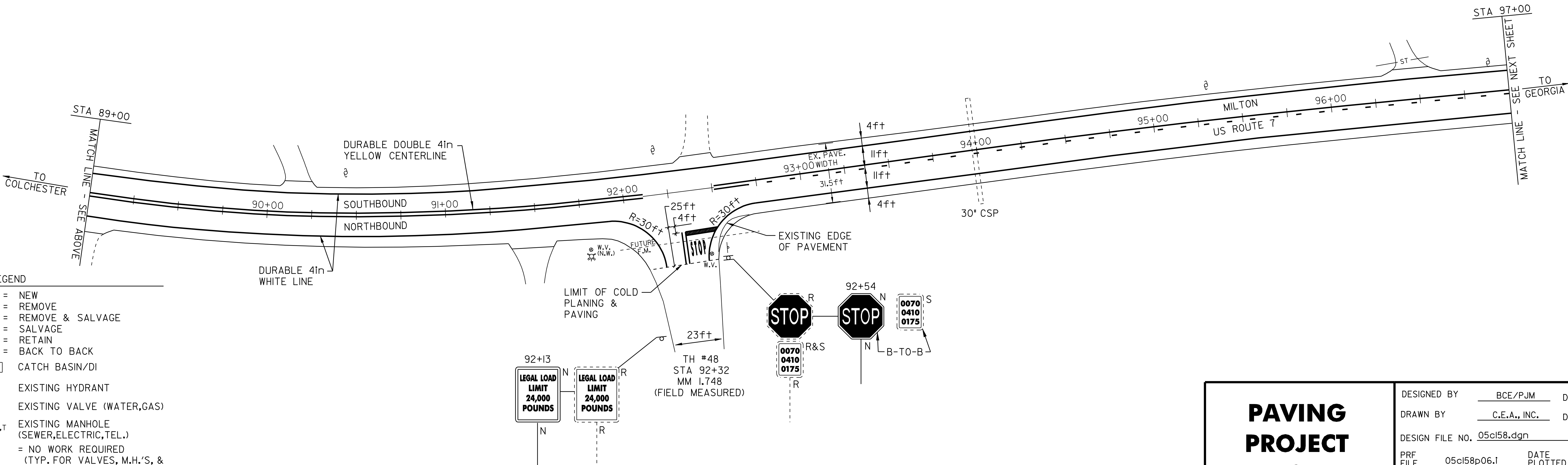
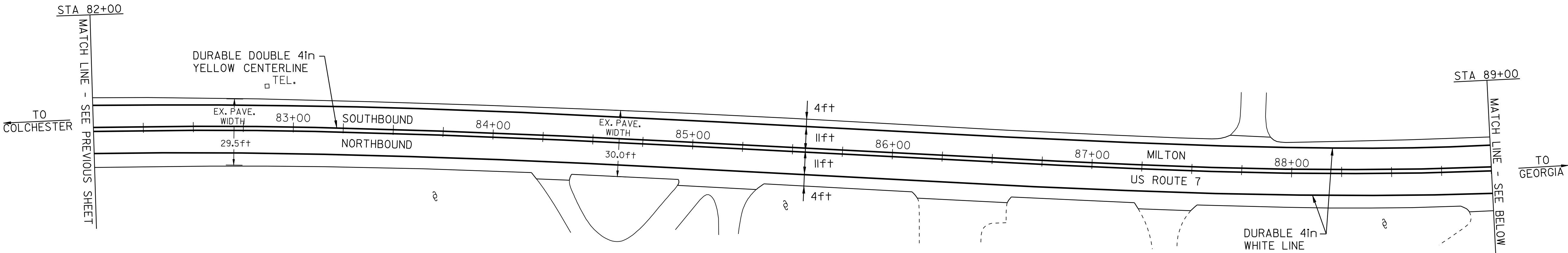
TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 82+00 TO 97+00 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)
STA 92+32 RT TH#48

REMOVING SIGNS
3

ADJUST ELEVATION OF VALVE BOX
STA 92+46 RT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 93+50 TO 97+00 LT



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
	CATCH BASIN/DI
	EXISTING HYDRANT
	EXISTING VALVE (WATER,GAS)
	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
	UTILITY POLE
	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #6

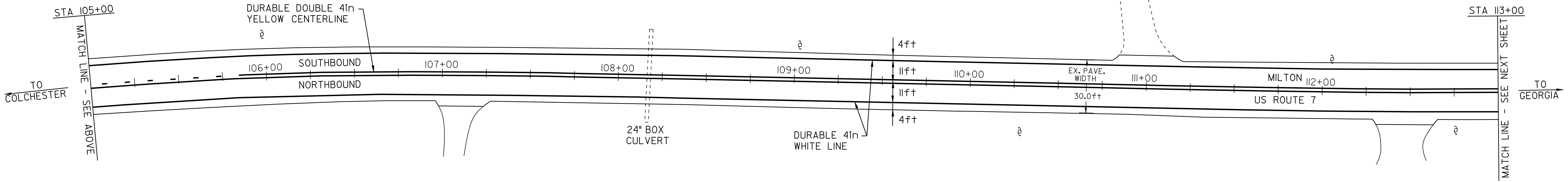
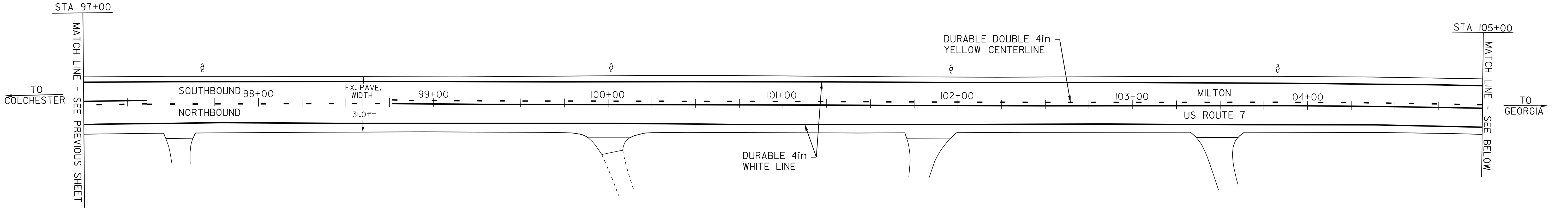
DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO. 05cl58.dgn			
PRF FILE	05cl58p06.l	DATE PLOTTED	19-MAY-2009 12
PROJ. NAME MILTON - GEORGIA			
PROJ. NO. STP 2510(1)S			
SHEET 14 OF 44 SHEETS			

TEMPORARY 4in YELLOW LINE (PAINT)	
DURABLE 4in YELLOW LINE (THERMOPLASTIC)	
STA 97+00 TO 97+35	SOLID LT & DASHED RT
STA 97+35 TO 98+85	DASHED
STA 98+85 TO 105+88	DASHED LT & SOLID RT
STA 105+88 TO 113+00	SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)	
DURABLE 4in WHITE LINE (THERMOPLASTIC)	
STA 97+00 TO 113+00	SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)

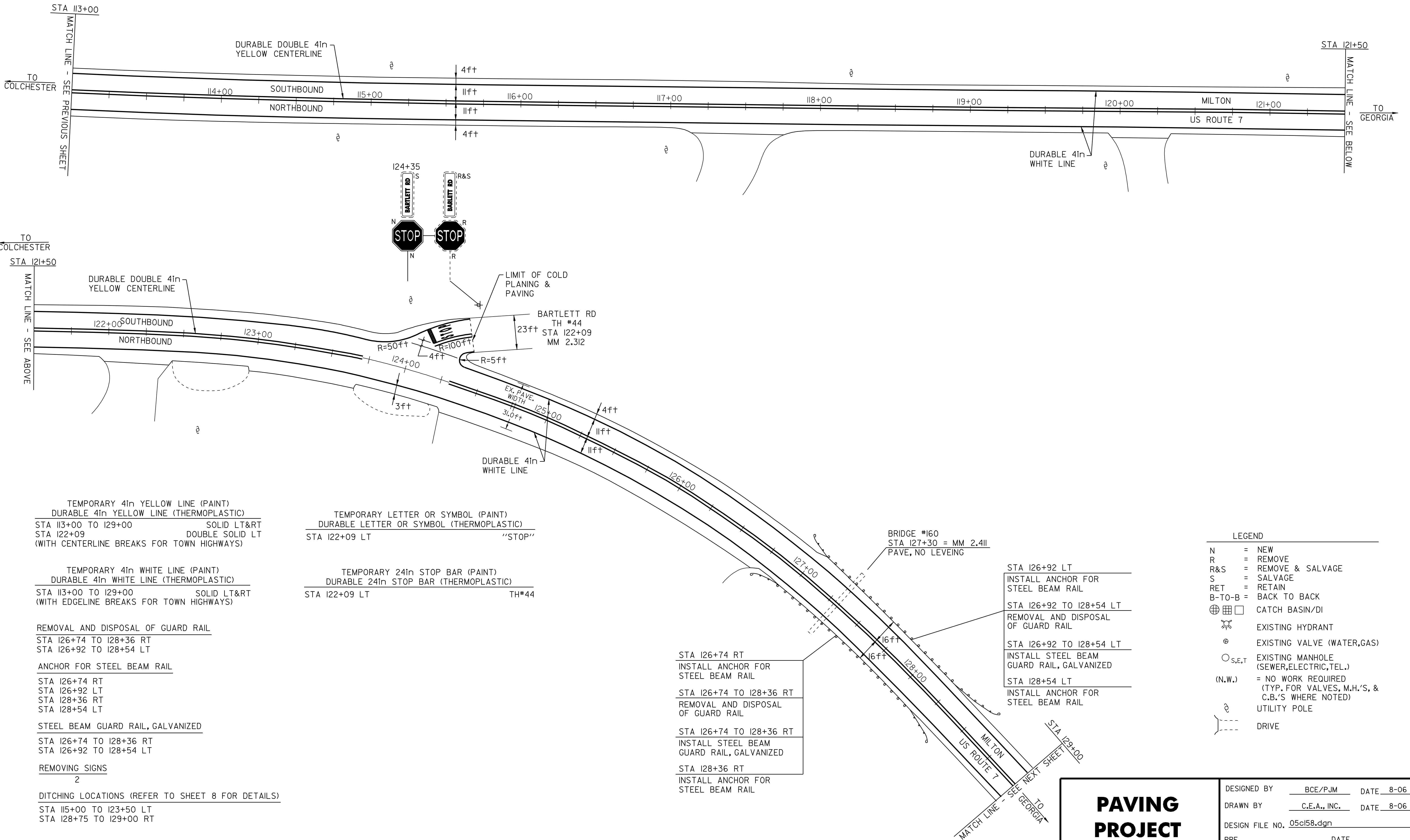
STA 97+00 TO 103+50 LT



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
	CATCH BASIN/DI
	EXISTING HYDRANT
	EXISTING VALVE (WATER,GAS)
	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
	UTILITY POLE
	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #7

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO. 05c158.dgn			
PRF FILE	05c158p07.l	DATE PLOTTED	19-MAY-2009 12
PROJ. NAME MILTON - GEORGIA			
PROJ. NO. STP 2510(1)S			
SHEET 15 OF 44 SHEETS			



TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 113+00 TO 129+00 SOLID LT&RT
STA 122+09 DOUBLE SOLID LT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 113+00 TO 129+00 SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 126+74 TO 128+36 RT
STA 126+92 TO 128+54 LT

ANCHOR FOR STEEL BEAM RAIL
STA 126+74 RT
STA 126+92 LT
STA 128+36 RT
STA 128+54 LT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 126+74 TO 128+36 RT
STA 126+92 TO 128+54 LT

REMOVING SIGNS
2

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 115+00 TO 123+50 LT
STA 128+75 TO 129+00 RT

TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)
STA 122+09 LT "STOP"

TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)
STA 122+09 LT TH#44

STA 126+74 RT
INSTALL ANCHOR FOR STEEL BEAM RAIL

STA 126+74 TO 128+36 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 126+74 TO 128+36 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

STA 128+36 RT
INSTALL ANCHOR FOR STEEL BEAM RAIL

BRIDGE #160
STA 127+30 = MM 2.411
PAVE, NO LEVEING

STA 126+92 LT
INSTALL ANCHOR FOR STEEL BEAM RAIL

STA 126+92 TO 128+54 LT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 126+92 TO 128+54 LT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

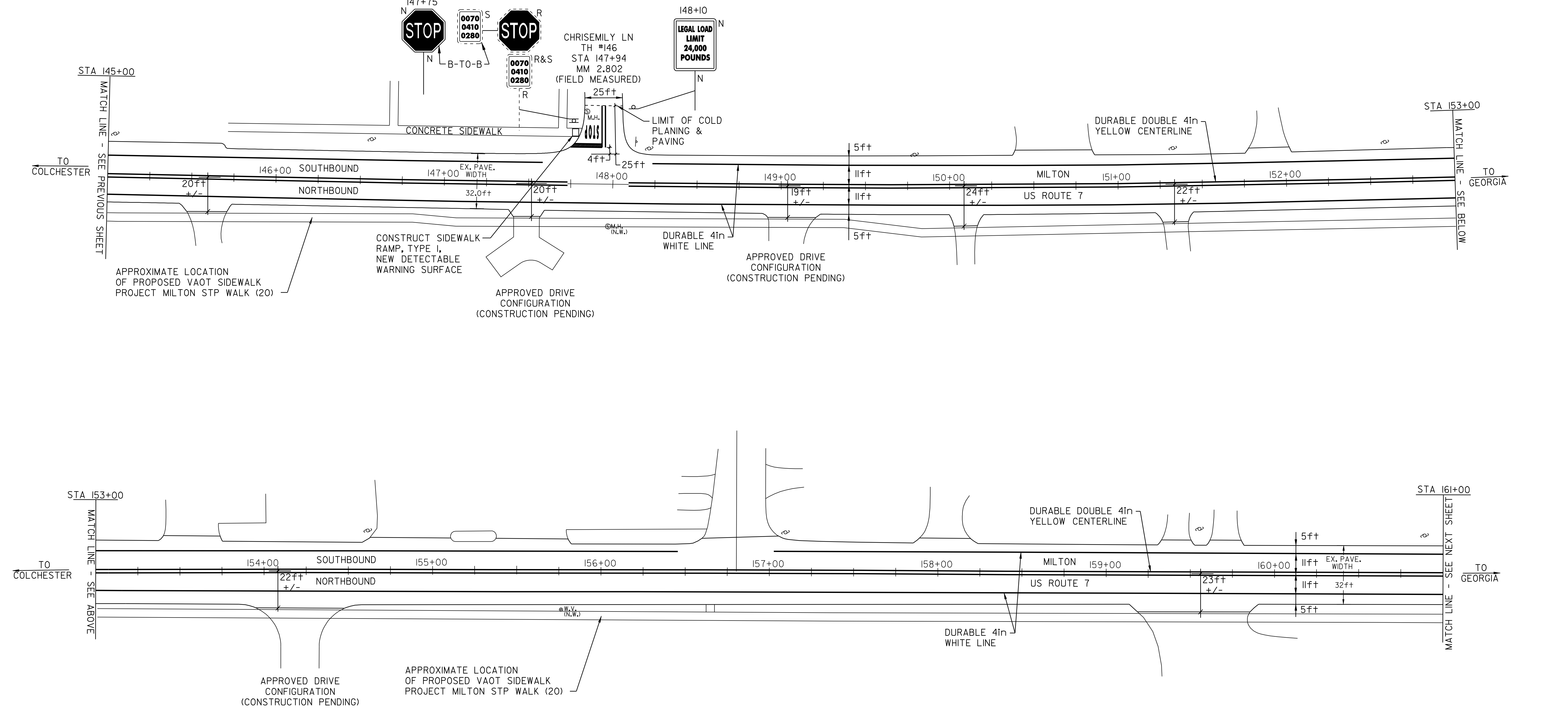
STA 128+54 LT
INSTALL ANCHOR FOR STEEL BEAM RAIL

LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
	CATCH BASIN/DI
	EXISTING HYDRANT
	EXISTING VALVE (WATER,GAS)
	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
	UTILITY POLE
	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #8

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO. 05cl58.dgn			
PRF FILE	05cl58p08.i	DATE PLOTTED	19-MAY-2009 12
PROJ. NAME MILTON - GEORGIA			
PROJ. NO. STP 2510(1)S			
SHEET 16 OF 44 SHEETS			

TEMPORARY 4in YELLOW LINE (PAINT)	TEMPORARY 4in WHITE LINE (PAINT)	TEMPORARY LETTER OR SYMBOL (PAINT)	TEMPORARY 24in STOP BAR (PAINT)	REMOVING SIGNS	CHANGE ELEVATION OF SEWER MANHOLE
DURABLE 4in YELLOW LINE (THERMOPLASTIC)	DURABLE 4in WHITE LINE (THERMOPLASTIC)	DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	DURABLE 24in STOP BAR (THERMOPLASTIC)	2	STA 147+83 LT
STA 145+00 TO 161+00 STA 147+94 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	STA 145+00 TO 161+00 (WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	STA 147+94 LT "STOP"	STA 147+94 LT TH#146		



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
⊕ ⊞ □	CATCH BASIN/DI
⛶	EXISTING HYDRANT
⊗	EXISTING VALVE (WATER,GAS)
○ S,E,T	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⋈	UTILITY POLE
⎓ ---	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #10

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05ci58.dgn

PRF FILE

05ci58pi0.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

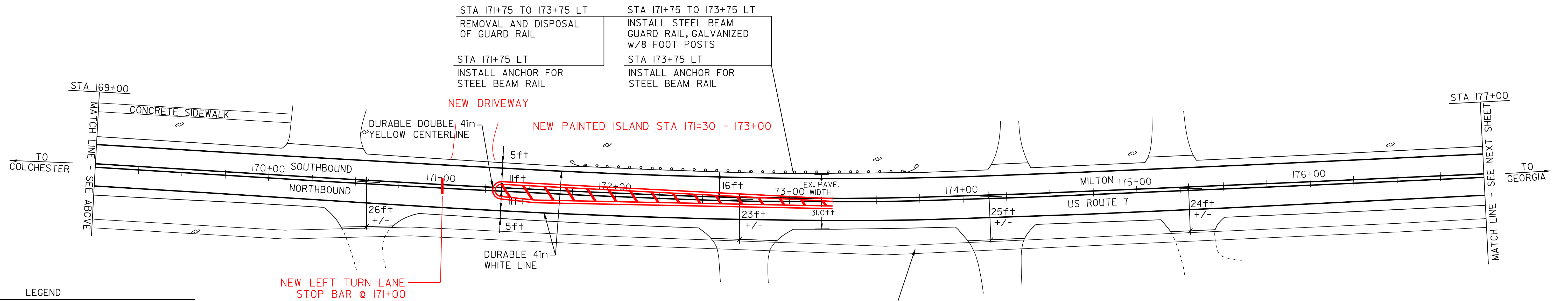
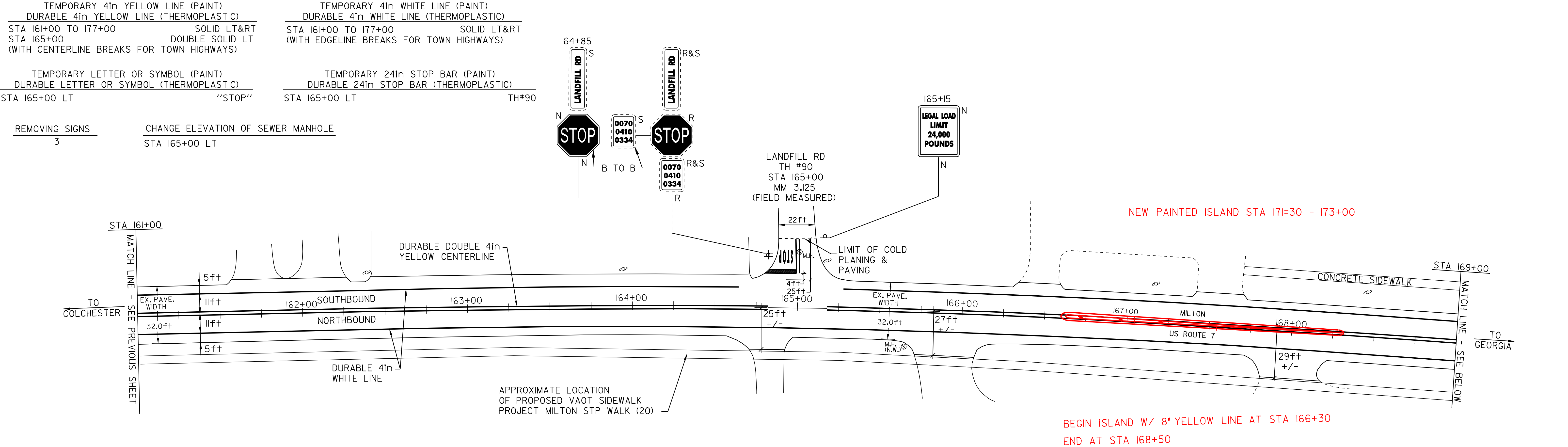
SHEET

18

OF

44

SHEETS



- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-T-O-B = BACK TO BACK
 - CATCH BASIN/DI
 - EXISTING HYDRANT
 - EXISTING VALVE (WATER,GAS)
 - EXISTING MANHOLE
(SEWER,ELECTRIC,TEL.)
 - (N.W.) = NO WORK REQUIRED
(TYP. FOR VALVES, M.H.'S, &
C.B.'S WHERE NOTED)
 - UTILITY POLE
 - DRIVE

ANCHOR FOR STEEL BEAM RAIL
STA 171+75 LT
STA 173+75 LT

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 171+75 TO 173+75 LT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 171+75 TO 173+75 LT

PAVING
PROJECT
LAYOUT
SHEET #11

DESIGNED BY
BCE/PJM
DATE
8-06

DRAWN BY
C.E.A., INC.
DATE
8-06

DESIGN FILE NO.
05cl58.dgn

PRF
FILE
05cl58pl1.i
DATE
PLOTTED
19-MAY-2009 12

PROJ. NAME
MILTON - GEORGIA

PROJ. NO.
STP 2510(1)S

SHEET
19
OF
44
SHEETS

ADJUST ELEVATION OF VALVE BOX
STA 184+40 RT
STA 190+85 LT - 4

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 181+54 TO 184+79 LT

ADJUST ELEVATION OF GAS VALVES
(TO BE DONE BY OTHERS)
STA 184+10 RT

ANCHOR FOR STEEL BEAM RAIL

STA 181+54 LT
STA 184+79 LT

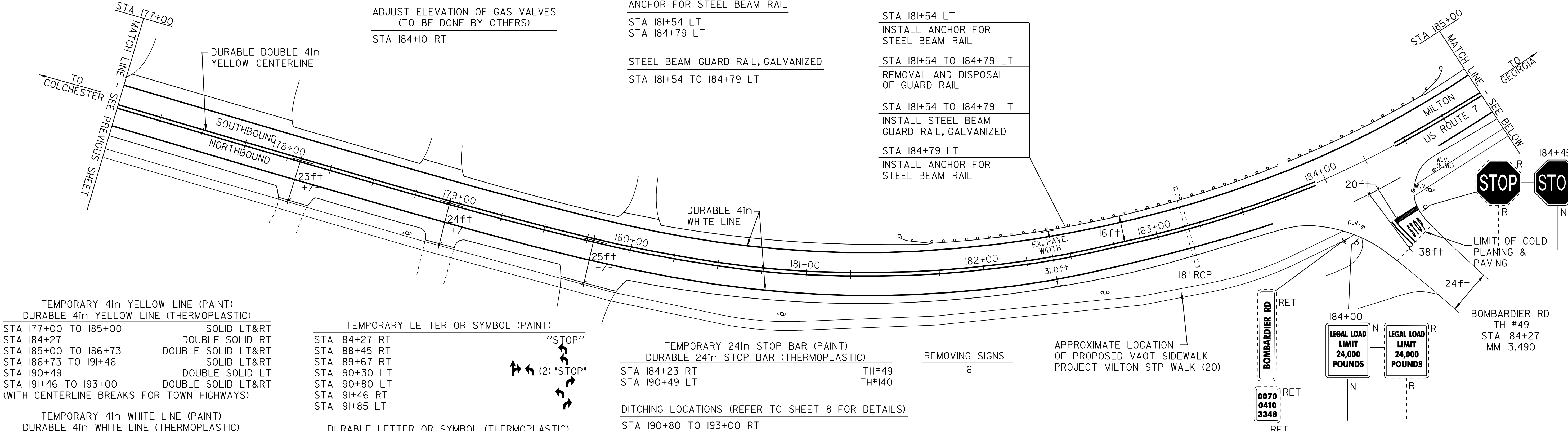
STEEL BEAM GUARD RAIL, GALVANIZED
STA 181+54 TO 184+79 LT

STA 181+54 LT
INSTALL ANCHOR FOR
STEEL BEAM RAIL

STA 181+54 TO 184+79 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL

STA 181+54 TO 184+79 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED

STA 184+79 LT
INSTALL ANCHOR FOR
STEEL BEAM RAIL



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

STA 177+00 TO 185+00 SOLID LT&RT
STA 184+27 DOUBLE SOLID RT
STA 185+00 TO 186+73 DOUBLE SOLID LT&RT
STA 186+73 TO 191+46 SOLID LT&RT
STA 190+49 DOUBLE SOLID LT
STA 191+46 TO 193+00 DOUBLE SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)

STA 184+27 RT "STOP"
STA 188+45 RT "ONLY"
STA 189+67 RT "ONLY"
STA 190+30 LT "ONLY"
STA 190+80 LT "ONLY"
STA 191+46 RT "ONLY"
STA 191+85 LT "ONLY"

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

STA 184+23 RT TH#49
STA 190+49 LT TH#140

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 190+80 TO 193+00 RT

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

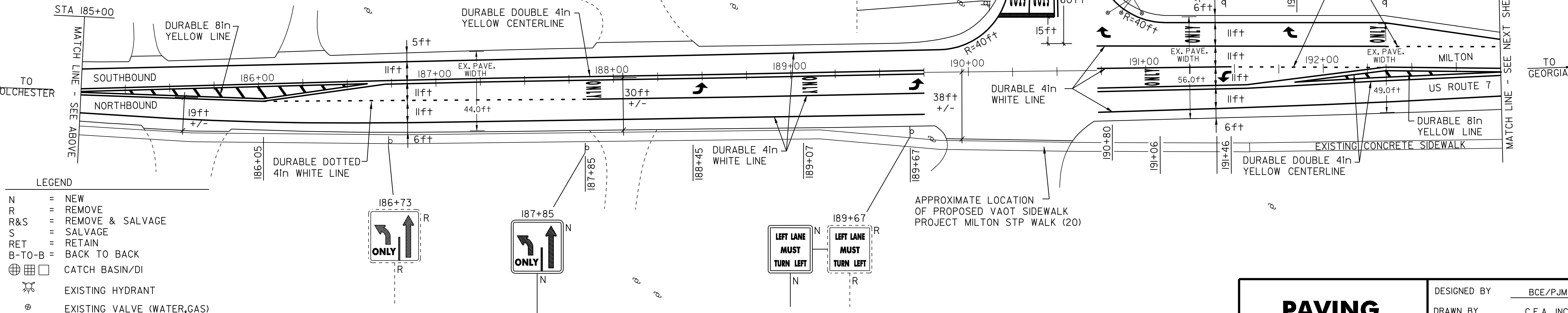
STA 177+00 TO 193+00 SOLID LT&RT
STA 186+05 TO 187+85 DOTTED RT
STA 187+85 TO 189+75 SOLID RT
STA 190+72 TO 191+46 DOUBLE SOLID LT
STA 191+46 TO 192+35 DOTTED LT
STA 192+35 TO 193+00 DOTTED LT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)

DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

STA 184+27 RT "STOP"
STA 187+85 RT "ONLY"
STA 188+45 RT "ONLY"
STA 189+07 RT "ONLY"
STA 189+67 RT "ONLY"
STA 190+30 LT "ONLY"
STA 190+80 LT "ONLY"
STA 191+06 RT "ONLY"
STA 191+30 LT "ONLY"
STA 191+46 RT "ONLY"
STA 191+85 LT "ONLY"
STA 192+35 LT "ONLY"

DURABLE 8in YELLOW LINE (THERMOPLASTIC)

STA 185+00 TO 186+73 PAINTED ISLAND
STA 191+46 TO 193+00 PAINTED ISLAND



- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-TO-B = BACK TO BACK
 - ⊕ ⊞ ⊠ CATCH BASIN/DI
 - ⊗ EXISTING HYDRANT
 - ⊙ EXISTING VALVE (WATER,GAS)
 - S,E,T EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
 - (N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
 - ⊕ UTILITY POLE
 - DRIVE

PAVING
PROJECT
LAYOUT
SHEET #12

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58pl2.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

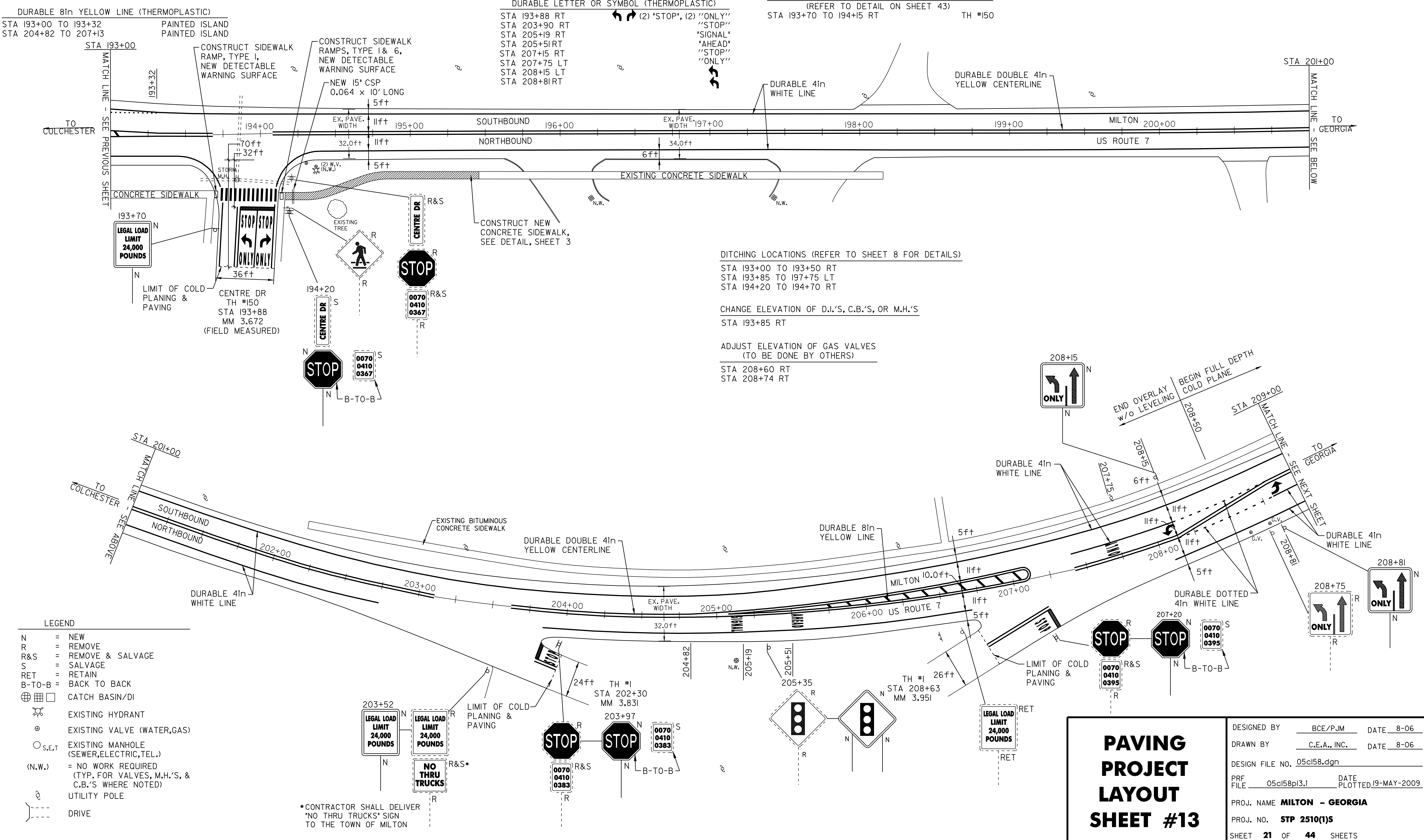
20

OF

44

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)	TEMPORARY 24in STOP BAR (PAINT) DURABLE 24in STOP BAR (THERMOPLASTIC)	REMOVING SIGNS
STA 193+00 TO 204+82 STA 193+88 STA 203+90 STA 204+82 TO 207+13 STA 207+13 TO 209+00 STA 207+15 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	SOLID LT&RT DOUBLE SOLID RT DOUBLE SOLID RT DOUBLE SOLID RT DOUBLE SOLID RT SOLID LT&RT (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	STA 193+88 RT STA 203+90 RT STA 205+19 RT STA 205+51RT STA 207+15 RT STA 207+75 LT STA 208+15 LT STA 208+81RT	TH #150 TH #1 TH #1	12
DURABLE 8in YELLOW LINE (THERMOPLASTIC)		DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	TEMPORARY CROSSWALK (PAINT) DURABLE CROSSWALK (TYPE I TAPE) (REFER TO DETAIL ON SHEET 43)	
STA 193+00 TO 193+32 STA 204+82 TO 207+13	PAINTED ISLAND PAINTED ISLAND	STA 193+88 RT STA 203+90 RT STA 205+19 RT STA 205+51RT STA 207+15 RT STA 207+75 LT STA 208+15 LT STA 208+81RT	TH #150	



PAVING
PROJECT
LAYOUT
SHEET #13

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05c158.dgn

PRF FILE

05c158pl3.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

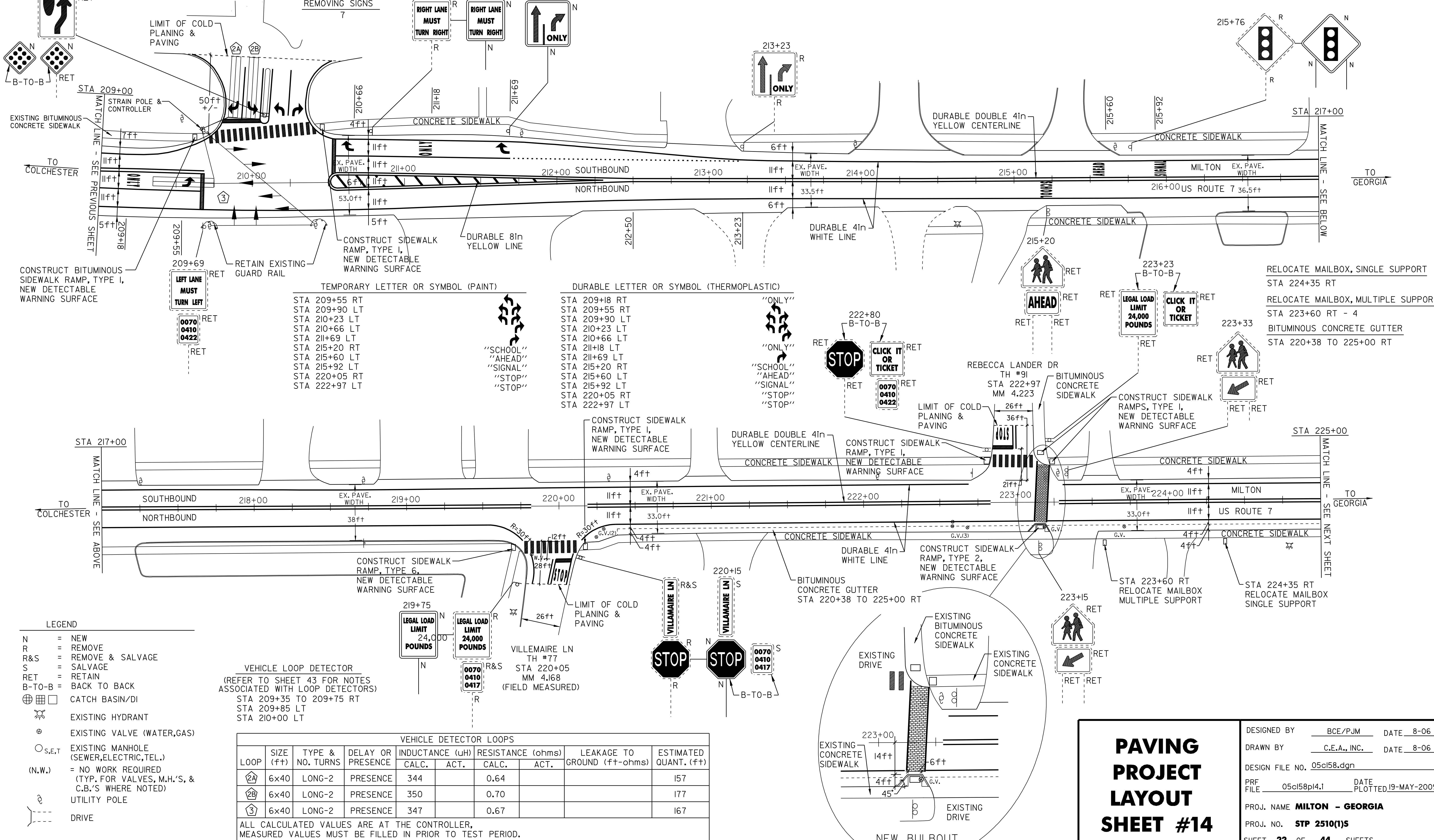
21

OF

44

SHEETS

TEMPORARY 4in YELLOW LINE (PAINT) DURABLE 4in YELLOW LINE (THERMOPLASTIC)	TEMPORARY 4in WHITE LINE (PAINT) DURABLE 4in WHITE LINE (THERMOPLASTIC)	TEMPORARY 24in STOP BAR (PAINT) DURABLE 24in STOP BAR (THERMOPLASTIC)	TEMPORARY CROSSWALK (PAINT) DURABLE 8in YELLOW LINE (THERMOPLASTIC) PAINTED ISLAND	DURABLE CROSSWALK (TYPE I TAPE) (REFER TO DETAIL ON SHEET 43) DURABLE CROSSWALK MARKINGS, IMPRINTED/COLORIZED (REFER TO DETAIL ON SHEET 43)	ADJUST ELEVATION OF VALVE BOX ADJUST ELEVATION OF GAS VALVES (TO BE DONE BY OTHERS)
STA 209+00 TO 209+69 STA 210+50 TO 212+50 STA 212+50 TO 225+00 STA 220+05 STA 222+97 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	SOLID LT&RT DOUBLE SOLID LT&RT SOLID LT&RT DOUBLE SOLID RT DOUBLE SOLID LT (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	STA 209+69 RT STA 210+00 LT STA 210+50 LT STA 220+05 RT STA 222+97 LT	US ROUTE 7 SHOPPING CENTER US ROUTE 7 TH #77 TH #91	STA 209+70 TO 210+40 LT STA 220+05 RT STA 222+97 LT STA 223+25 LT&RT	STA 219+80 RT STA 220+25 RT - 2 STA 222+60 RT - 3 STA 223+18 RT STA 223+71 RT



LEGEND

N = NEW
R = REMOVE
R&S = REMOVE & SALVAGE
S = SALVAGE
RET = RETAIN
B-TO-B = BACK TO BACK

CATCH BASIN/DI

EXISTING HYDRANT

EXISTING VALVE (WATER,GAS)

EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)

(N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)

UTILITY POLE

DRIVE

VEHICLE LOOP DETECTOR
(REFER TO SHEET 43 FOR NOTES ASSOCIATED WITH LOOP DETECTORS)

STA 209+35 TO 209+75 RT
STA 209+85 LT
STA 210+00 LT

VEHICLE DETECTOR LOOPS									
LOOP	SIZE (ft)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE (uH)		RESISTANCE (ohms)		LEAKAGE TO GROUND (ft-ohms)	ESTIMATED QUANT. (ft)
				CALC.	ACT.	CALC.	ACT.		
2A	6x40	LONG-2	PRESENCE	344		0.64			157
2B	6x40	LONG-2	PRESENCE	350		0.70			177
3	6x40	LONG-2	PRESENCE	347		0.67			167
ALL CALCULATED VALUES ARE AT THE CONTROLLER, MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.									

PAVING PROJECT LAYOUT SHEET #14

DESIGNED BY BCE/PJM DATE 8-06

DRAWN BY C.E.A., INC. DATE 8-06

DESIGN FILE NO. 05cl58.dgn

PRF FILE 05cl58pl4.1 DATE 19-MAY-2009

PROJ. NAME **MILTON - GEORGIA**

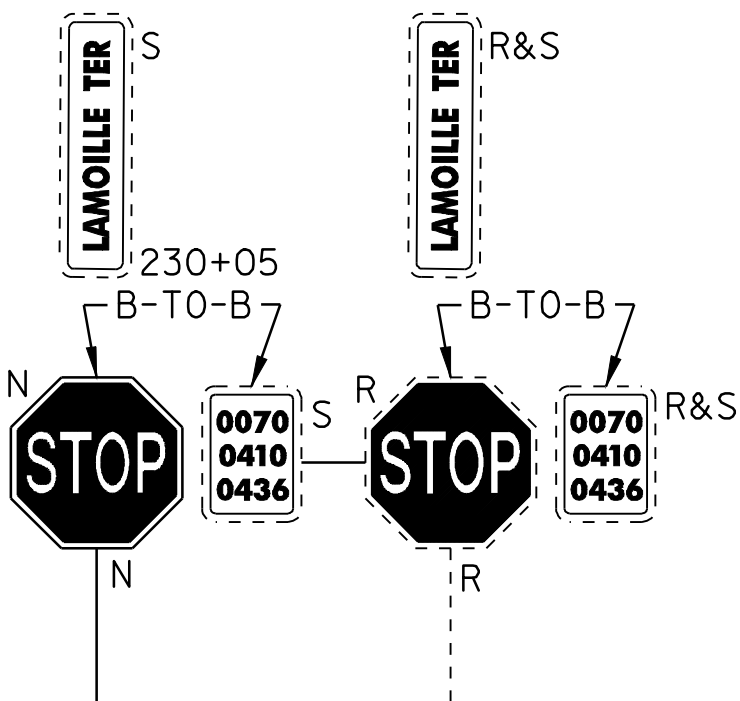
PROJ. NO. **STP 2510(1)S**

SHEET **22** OF **44** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)	
STA 225+00 TO 241+00	SOLID LT&RT
STA 230+20	DOUBLE SOLID LT
STA 230+60	DOUBLE SOLID RT
STA 236+64	DOUBLE SOLID RT
STA 239+34	DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY LETTER OR SYMBOL (PAINT)	
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	
STA 230+20 LT	"STOP"
STA 230+60 RT	"STOP"
STA 230+80 LT	"SCHOOL"
STA 236+64 RT	"STOP"
STA 239+34 RT	"STOP"

TEMPORARY 4in WHITE LINE (THERMOPLASTIC)	
STA 225+00 TO 241+00	SOLID LT&RT
(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)	
TEMPORARY 24in STOP BAR (PAINT)	
DURABLE 24in STOP BAR (THERMOPLASTIC)	
STA 230+20 LT	TH #71
STA 230+60 RT	TH #33
STA 236+64 RT	TH #32
STA 239+34 RT	TH #32

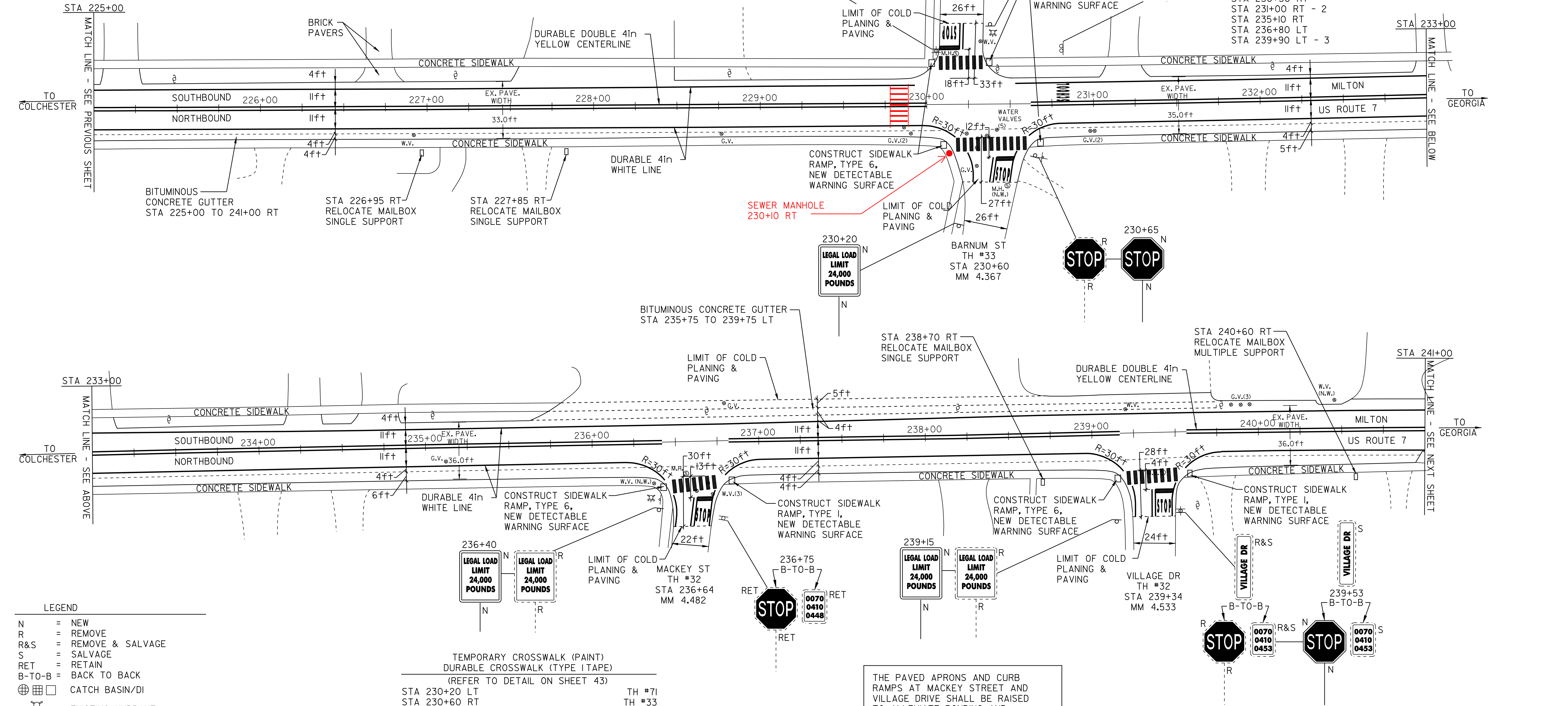
REMOVING SIGNS
9



CHANGE ELEVATION OF SEWER MANHOLE
STA 230+17 LT
STA 236+56 RT
STA 239+42 RT

ADJUST ELEVATION OF VALVE BOX
STA 226+92 RT
STA 230+60 RT - 5, LT - 1
STA 236+65 RT - 3
STA 239+20 LT

ADJUST ELEVATION OF GAS VALVES (TO BE DONE BY OTHERS)
STA 228+77 RT
STA 229+88 RT - 2
STA 230+30 RT
STA 231+00 RT - 2
STA 235+10 RT
STA 236+80 LT
STA 239+90 LT - 3



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	CATCH BASIN/DI
⊕	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
○ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊕	UTILITY POLE
---	DRIVE

TEMPORARY CROSSWALK (PAINT)	
DURABLE CROSSWALK (TYPE I TAPE)	
(REFER TO DETAIL ON SHEET 43)	
STA 230+20 LT	TH #71
STA 230+60 RT	TH #33
STA 236+64 RT	TH #32
STA 239+34 RT	TH #32

RELOCATE MAILBOX, SINGLE SUPPORT
STA 226+95 RT
STA 227+85 RT
STA 238+70 RT

RELOCATE MAILBOX, MULTIPLE SUPPORT
STA 240+60 RT - 2

BITUMINOUS CONCRETE GUTTER
(SEE DETAIL, SHEET 3)

STA 225+00 TO 241+00 RT
STA 235+75 TO 239+75 LT

THE PAVED APRONS AND CURB
RAMPS AT MACKEY STREET AND
VILLAGE DRIVE SHALL BE RAISED
TO ALLEVIATE PONDING AND
ALLOW FOR PROPER DRAINAGE.

-TO THE EXTENT POSSIBLE, THE LOW
POINT AT THE INTERSECTIONS SHALL
OCCUR AT THE BITUMINOUS GUTTER.

PAVING
PROJECT
LAYOUT
SHEET #15

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05c158.dgn

PRF

FILE

05c158p15.1

DATE

PLOTTED 19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

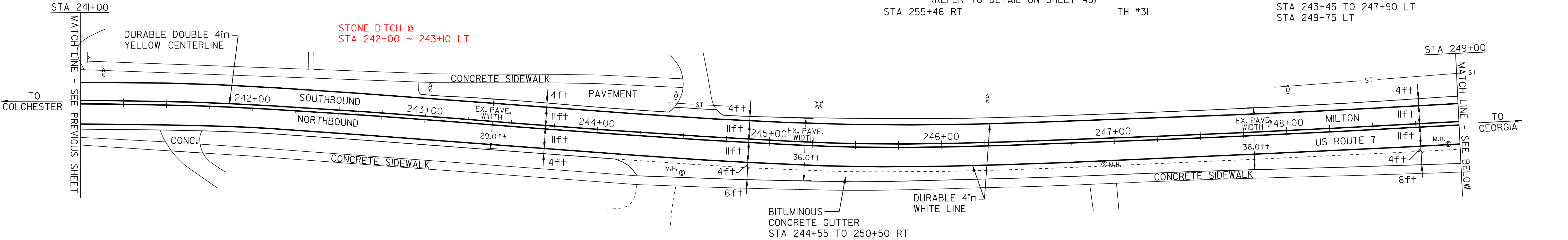
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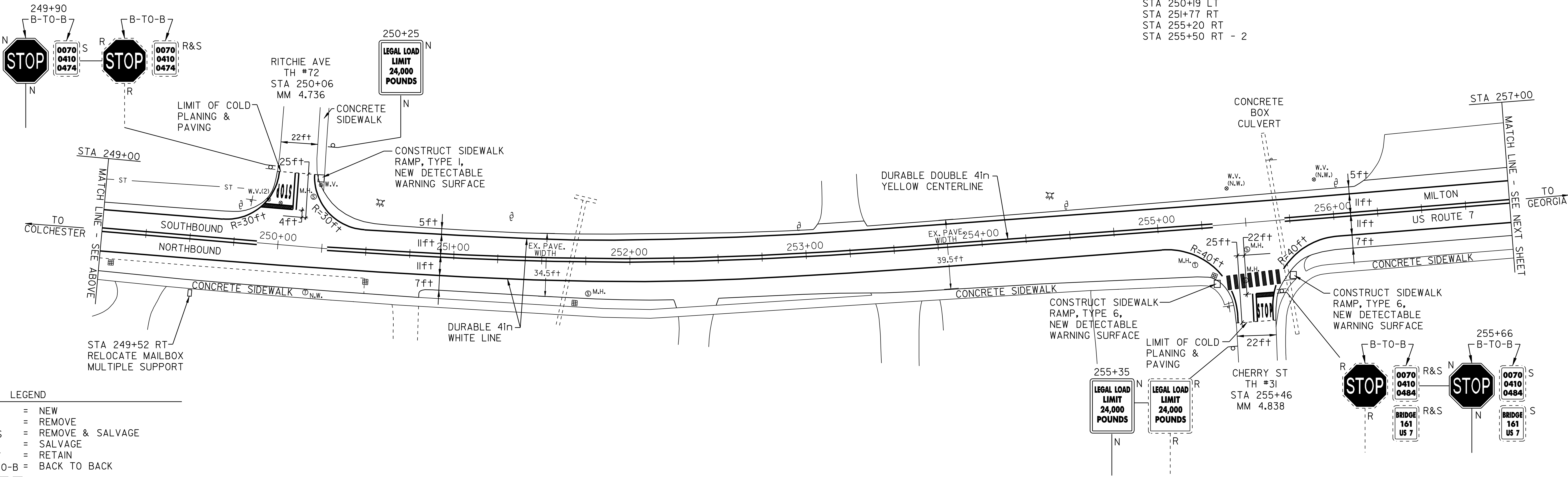
44

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)	TEMPORARY 24in STOP BAR (PAINT) DURABLE 24in STOP BAR (THERMOPLASTIC)	REMOVING SIGNS	CHANGE ELEVATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 241+00 TO 257+00 STA 250+06 STA 255+46 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	STA 241+00 TO 257+00 STA 250+06 (WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	STA 250+06 LT STA 255+46 RT	STA 250+06 LT STA 255+46 RT	6 TH #72 TH #31	STA 249+07 RT STA 250+50 RT STA 251+70 RT STA 255+30 RT
			TEMPORARY CROSSWALK (PAINT) DURABLE CROSSWALK (TYPE I TAPE) (REFER TO DETAIL ON SHEET 43)		DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
			STA 255+46 RT	TH #31	STA 243+45 TO 247+90 LT STA 249+75 LT



RELOCATE MAILBOX, MULTIPLE SUPPORT STA 249+52 RT - 3	BITUMINOUS CONCRETE GUTTER (SEE DETAIL, SHEET 3) STA 244+55 TO 250+50 RT	ADJUST ELEVATION OF VALVE BOX STA 250+00 LT - 3	CHANGE ELEVATION OF SEWER MANHOLE STA 244+50 RT STA 246+92 RT STA 248+94 RT STA 250+19 LT STA 251+77 RT STA 255+20 RT STA 255+50 RT - 2
---	--	--	--



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	CATCH BASIN/DI
⚡	EXISTING HYDRANT
⊗	EXISTING VALVE (WATER,GAS)
○ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊘	UTILITY POLE
---	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #16

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58pl6.l

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

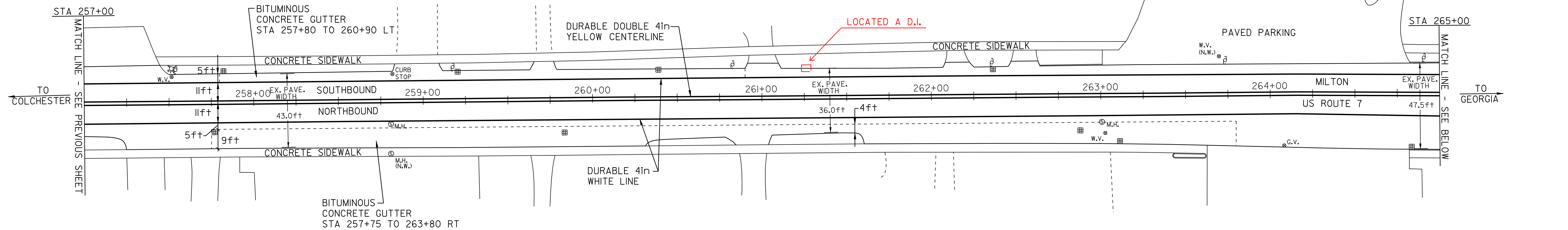
24

OF

44

SHEETS

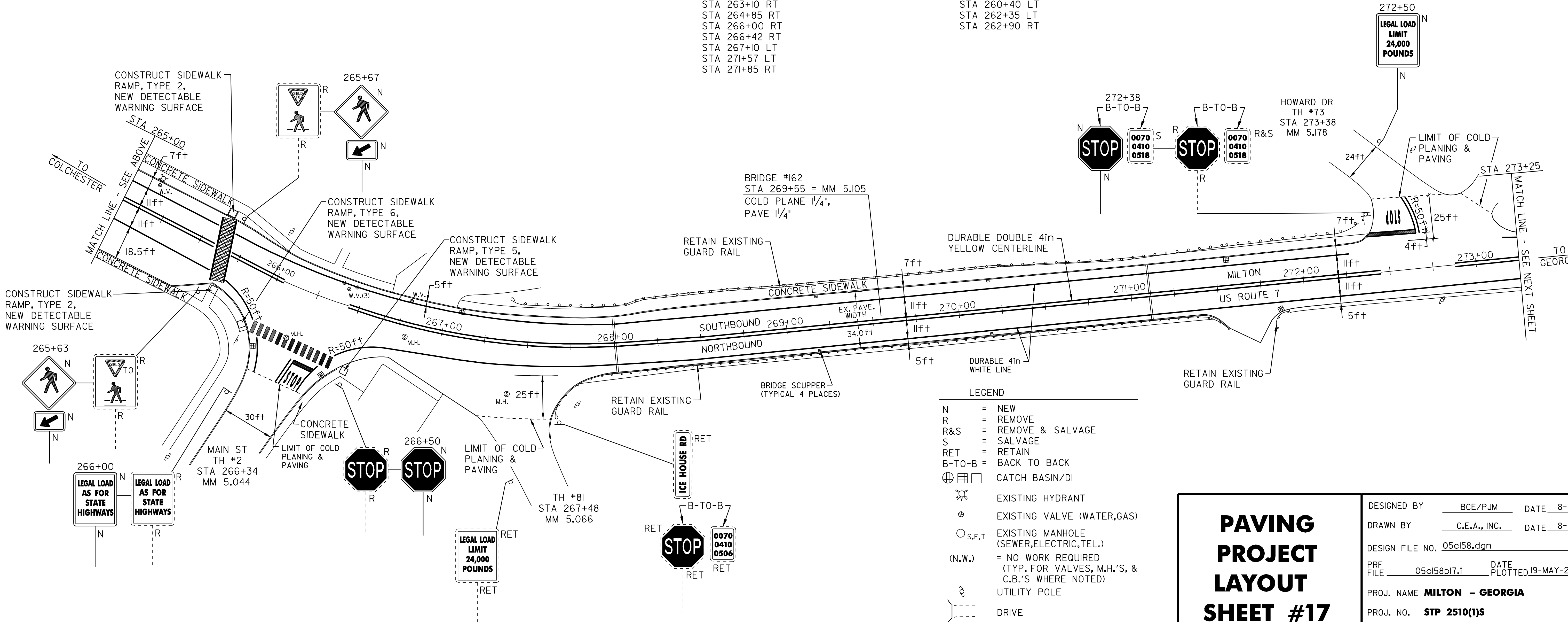
TEMPORARY 4in YELLOW LINE (PAINT) DURABLE 4in YELLOW LINE (THERMOPLASTIC)	TEMPORARY LETTER OR SYMBOL (THERMOPLASTIC)	TEMPORARY CROSSWALK (PAINT)	REMOVING SIGNS	ADJUST ELEVATION OF VALVE BOX	CHANGE ELEVATION OF SEWER MANHOLE
STA 257+00 TO 273+25 STA 266+34 STA 273+00 (WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)	SOLID LT&RT DOUBLE SOLID RT DOUBLE SOLID LT	STA 266+34 STA 273+00	STA 265+65 LT&RT STA 265+90 TO 266+55 RT US ROUTE 7 MAIN STREET INT.	STA 257+50 LT STA 258+82 LT STA 263+00 RT STA 265+15 LT STA 266+40 LT - 3 STA 266+78 LT	STA 258+80 RT STA 263+00 RT STA 266+15 RT STA 266+78 RT STA 267+40 RT
TEMPORARY 4in WHITE LINE (PAINT) DURABLE 4in WHITE LINE (THERMOPLASTIC)	TEMPORARY 24in STOP BAR (PAINT) DURABLE 24in STOP BAR (THERMOPLASTIC)	DURABLE CROSSWALK (TYPE I TAPE) (REFER TO DETAIL ON SHEET 43)	DURABLE CROSSWALK MARKINGS, IMPRINTED/COLORIZED (REFER TO DETAIL ON SHEET 43)	ADJUST ELEVATION OF GAS VALVES (TO BE DONE BY OTHERS)	
STA 257+00 TO 273+25 (WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)	STA 266+34 STA 273+00	STA 265+90 TO 266+55 RT MAIN STREET INT.	STA 265+65 LT&RT US ROUTE 7	STA 264+08 RT	



BITUMINOUS CONCRETE GUTTER
(SEE DETAIL, SHEET 3)
STA 257+75 TO 263+80 RT
STA 257+80 TO 260+90 LT

CHANGE ELEVATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 257+75 RT
STA 259+83 RT
STA 263+10 RT
STA 264+85 RT
STA 266+00 RT
STA 266+42 RT
STA 267+10 LT
STA 271+57 LT
STA 271+85 RT

REHABILITATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 257+80 LT
STA 259+20 LT
STA 260+40 LT
STA 262+35 LT
STA 262+90 RT



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	CATCH BASIN/DI
⊕	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
⊕ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊕	UTILITY POLE
---	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #17

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58pl7.l

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

25

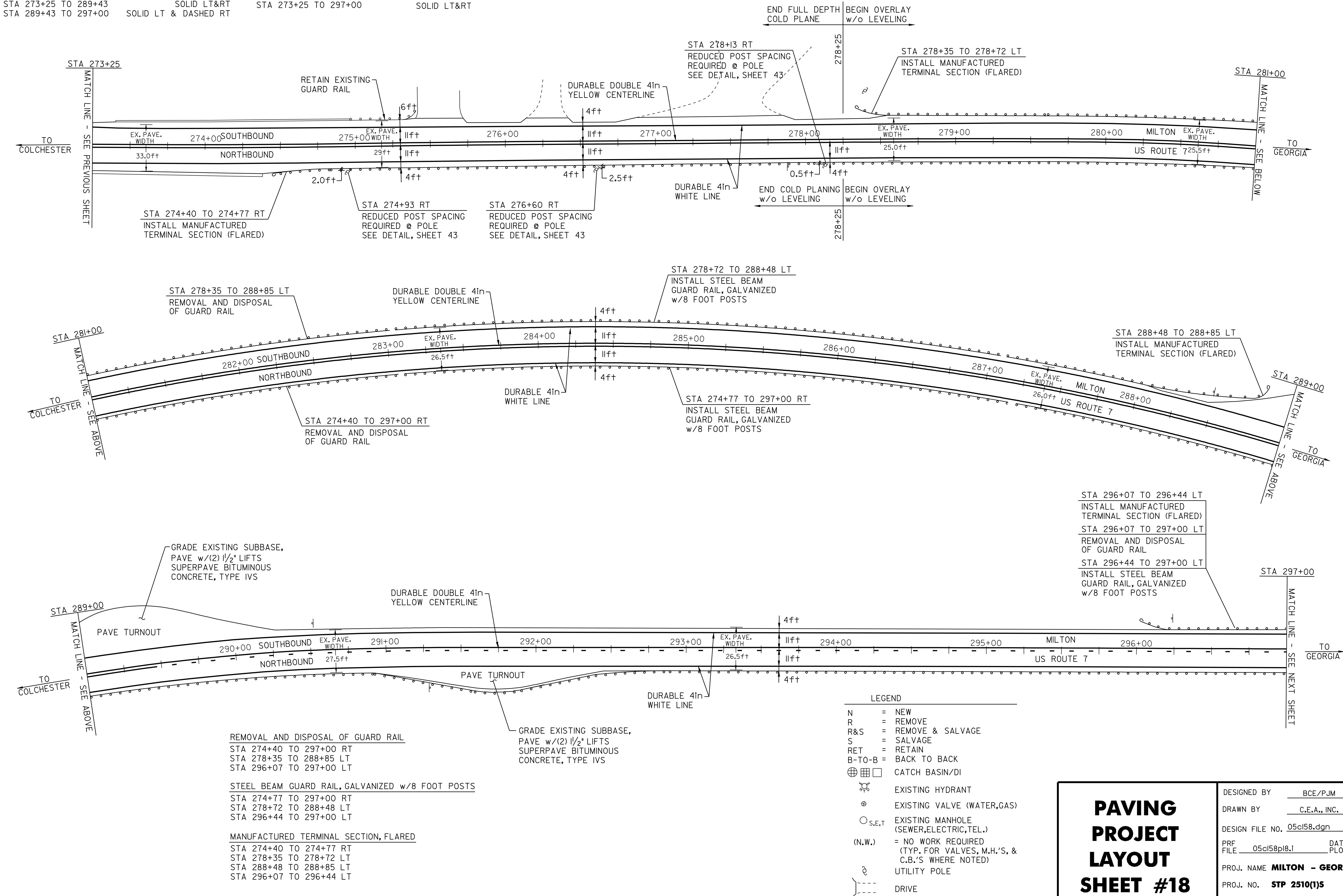
OF

44

SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 273+25 TO 289+43 SOLID LT&RT
STA 289+43 TO 297+00 SOLID LT & DASHED RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 273+25 TO 297+00 SOLID LT&RT



REMOVAL AND DISPOSAL OF GUARD RAIL
STA 274+40 TO 297+00 RT
STA 278+35 TO 288+85 LT
STA 296+07 TO 297+00 LT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 274+77 TO 297+00 RT
STA 278+72 TO 288+48 LT
STA 296+44 TO 297+00 LT

MANUFACTURED TERMINAL SECTION, FLARED
STA 274+40 TO 274+77 RT
STA 278+35 TO 278+72 LT
STA 288+48 TO 288+85 LT
STA 296+07 TO 296+44 LT

LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-TO-B	= BACK TO BACK
⊞	CATCH BASIN/DI
⊞	EXISTING HYDRANT
⊞	EXISTING VALVE (WATER,GAS)
⊞ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊞	UTILITY POLE
⊞	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #18

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58pl8.l

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

26

OF

44

SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)		SOLID LT & DASHED RT
DURABLE 4in YELLOW LINE (THERMOPLASTIC)		
STA 297+00 TO 297+15		
STA 297+15 TO 302+47		DASHED
STA 302+47 TO 308+25		DASHED LT & SOLID RT
STA 308+25 TO 313+50		SOLID LT&RT
STA 310+30		SOLID LT&RT
STA 311+20		SOLID LT&RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)		

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

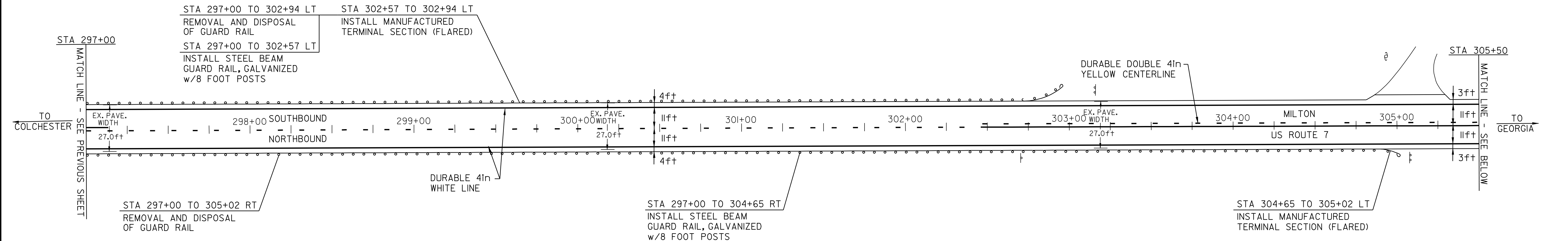
STA 297+00 TO 313+50 SOLID LT&RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY LETTER OR SYMBOL (PAINT)		DURABLE LETTER OR SYMBOL (THERMOPLASTIC)	
STA 3I+30 LT			"STOP"
STA 3I+10 LT			"STOP"
STA 3I+25 LT		** 4 - ▼	
** (REFER TO DETAIL ON SHEET 43) **			

	TEMPORARY 24in STOP BAR (PAINT)	
	DURABLE 24in STOP BAR (THERMOPLASTIC)	
STA 310+30 LT		"TH #3'
STA 311+10 LT		"TH #3'

REMOVING SIGNS
4

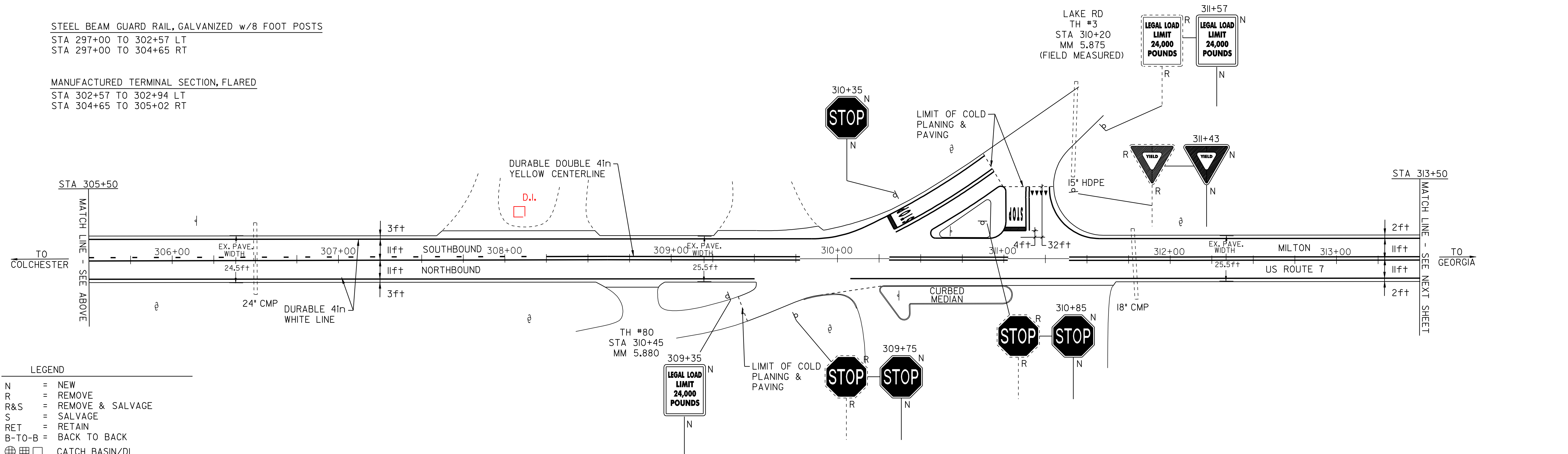
DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)



REMOVAL AND DISPOSAL OF GUARD RAIL	
STA 297+00 TO 302+94	LT
STA 297+00 TO 305+02	RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 297+00 TO 302+57 LT
STA 297+00 TO 304+65 RT

MANUFACTURED TERMINAL SECTION, FLARED



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
  	CATCH BASIN/DI
	EXISTING HYDRANT
	EXISTING VALVE (WATER,GAS)
 _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
	UTILITY POLE
	DRIVE

PAVING PROJECT LAYOUT SHEET #19

DESIGNED BY _____ BCEE/PJM _____ DATE 8-06
DRAWN BY _____ C.E.A., INC. _____ DATE 8-06
DESIGN FILE NO. 05cl58.dgn
PRF _____ DATE _____
FILE 05cl58p19.i PLOTTED 19-MAY-2009 I
PROJ. NAME **MILTON - GEORGIA**
PROJ. NO. **STP 2510(1)S**
SHEET **27** OF **44** SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 313+50 TO 316+95 SOLID LT&RT
STA 316+95 TO 324+10 SOLID LT & DASHED RT
STA 324+10 TO 324+70 SOLID LT&RT
STA 324+70 TO 331+77 DASHED LT & SOLID RT
STA 331+77 TO 339+00 SOLID LT&RT
STA 333+20 DOUBLE SOLID RT
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 313+50 TO 339+00 SOLID LT&RT
(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)
TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)
STA 333+20 RT "STOP"
TEMPORARY 24in STOP BAR (PAINT)
DURABLE 24in STOP BAR (THERMOPLASTIC)
STA 333+20 RT EDGEWATER TER.

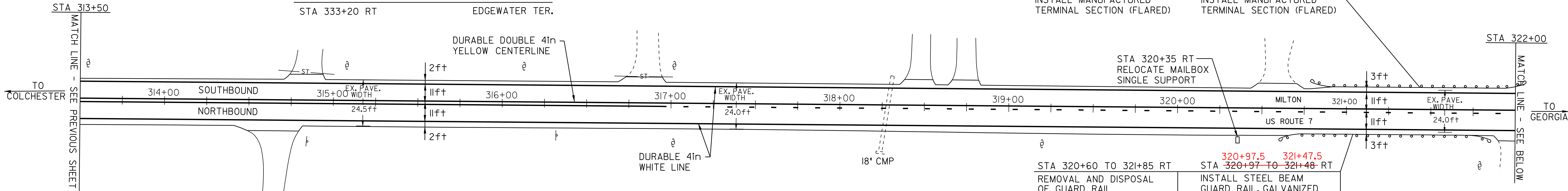
REMOVING SIGNS
3

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 313+50 TO 318+25 LT
STA 334+25 TO 339+00 LT

RELOCATE MAILBOX, SINGLE SUPPORT
STA 320+35 RT

320+92.5
STA 320+80 TO 322+05 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL
320+92.5 321+30
STA 320+80 TO 321+17 LT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

321+30 321+67.5
STA 321+17 TO 321+68 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FOOT POSTS
67.5
STA 321+68 TO 322+05 LT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

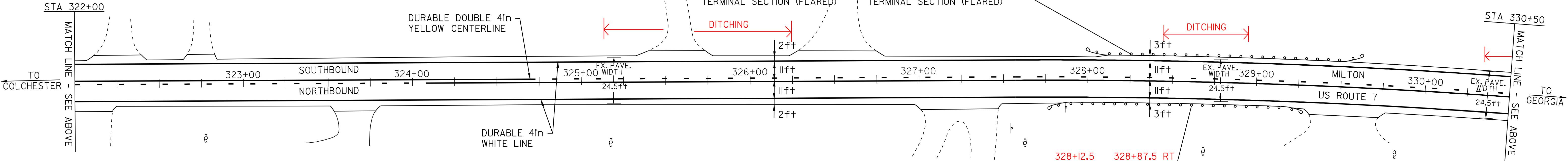


STA 320+60 TO 321+85 RT
REMOVAL AND DISPOSAL
OF GUARD RAIL
320+97.5
STA 320+60 TO 320+97 RT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

320+97.5 321+47.5
STA 320+97 TO 321+48 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FOOT POSTS
321+47.5
STA 321+48 TO 321+85 RT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

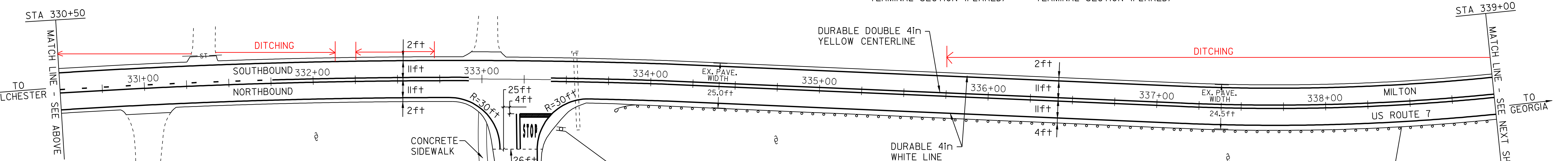
327+97.5
STA 327+98 TO 329+60 LT
REMOVAL AND DISPOSAL
OF GUARD RAIL
327+97.5
STA 327+98 TO 328+35 LT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

329+22.5
STA 328+35 TO 329+23 LT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FOOT POSTS
329+22.5
STA 329+23 TO 329+60 LT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)



327+75 TO 329+25 RT
REMOVAL AND DISPOSAL
OF GUARD RAIL
328+12.5
STA 327+75 TO 328+12 RT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

328+12.5 328+87.5 RT
STA 328+12 TO 328+88 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FOOT POSTS
328+87.5
STA 328+88 TO 329+25 RT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)



MANUFACTURED TERMINAL SECTION, FLARED
STA 320+60 TO 320+97 RT
STA 320+80 TO 321+17 LT
STA 321+48 TO 321+85 RT
STA 321+68 TO 322+05 LT
STA 327+75 TO 328+12 RT
STA 327+98 TO 328+35 LT
STA 328+88 TO 329+25 RT
STA 329+23 TO 329+60 LT
STA 333+80 TO 334+17 RT

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 320+60 TO 321+85 RT
STA 320+80 TO 322+05 LT
STA 327+75 TO 329+25 RT
STA 327+98 TO 329+60 LT
STA 334+05 TO 339+00 RT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 334+17 TO 336+04 RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 320+97 TO 321+48 RT
STA 321+17 TO 321+68 LT
STA 328+12 TO 328+88 RT
STA 328+35 TO 329+23 LT
STA 336+04 TO 339+00 RT

333+05
LEGAL LOAD
LIMIT
24,000
POUNDS

EDGEWATER TER
TH #151
STA 333+20
MM 6.311
(FIELD MEASURED)

EDGEWATER TER R&S
B-T-O-B
STOP
0070
0410
0631

EDGEWATER TER S
B-T-O-B
STOP
0070
0410
0631

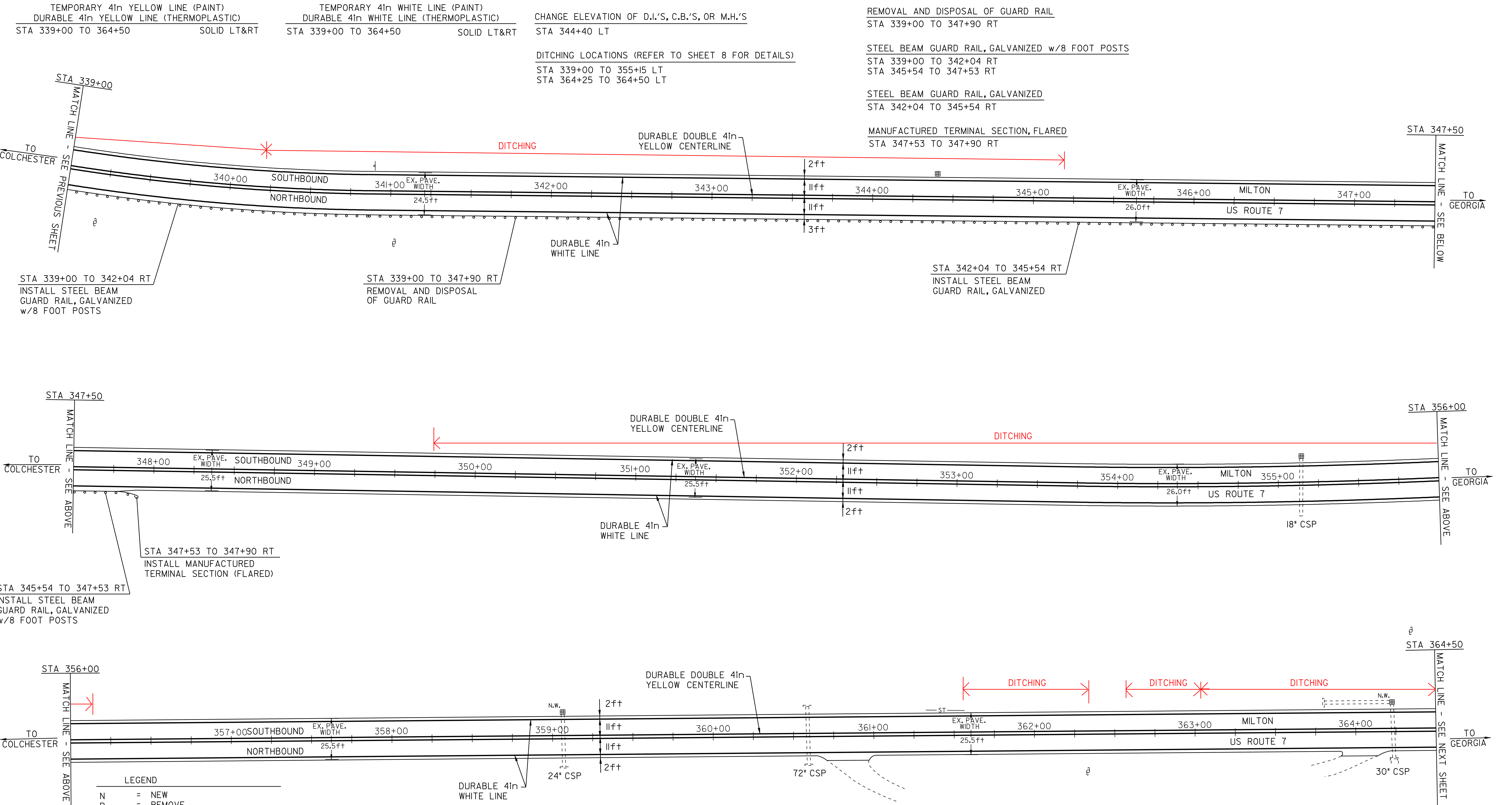
- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-T-O-B = BACK TO BACK
 - ⊕ ⊞ □ CATCH BASIN/DI
 - ⊕ EXISTING HYDRANT
 - ⊕ EXISTING VALVE (WATER,GAS)
 - S,E,T EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
 - (N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
 - ⊕ UTILITY POLE
 - ⌋ DRIVE

STA 334+05 TO 339+00 RT
REMOVAL AND DISPOSAL
OF GUARD RAIL
STA 333+80 TO 334+17 RT
INSTALL MANUFACTURED
TERMINAL SECTION (FLARED)

STA 334+17 TO 336+04 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
STA 336+04 TO 339+00 RT
INSTALL STEEL BEAM
GUARD RAIL, GALVANIZED
w/8 FOOT POSTS

PAVING PROJECT LAYOUT SHEET #20

DESIGNED BY BCE/PJM DATE 8-06
DRAWN BY C.E.A., INC. DATE 8-06
DESIGN FILE NO. 05c158.dgn
PRF FILE 05c158p20.I DATE PLOTTED 19-MAY-2009 12
PROJ. NAME MILTON - GEORGIA
PROJ. NO. STP 2510(1)S
SHEET 28 OF 44 SHEETS



TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 339+00 TO 364+50

SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 339+00 TO 364+50

SOLID LT&RT

CHANGE ELEVATION OF D.I.'S, C.B.'S, OR M.H.'S
STA 344+40 LT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 339+00 TO 355+15 LT
STA 364+25 TO 364+50 LT

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 339+00 TO 347+90 RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 339+00 TO 342+04 RT
STA 345+54 TO 347+53 RT

STEEL BEAM GUARD RAIL, GALVANIZED
STA 342+04 TO 345+54 RT

MANUFACTURED TERMINAL SECTION, FLARED
STA 347+53 TO 347+90 RT

STA 342+04 TO 345+54 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED

STA 339+00 TO 347+90 RT
REMOVAL AND DISPOSAL OF GUARD RAIL

STA 339+00 TO 342+04 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS

STA 345+54 TO 347+53 RT
INSTALL STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS

STA 347+53 TO 347+90 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
 - ⊗ EXISTING HYDRANT
 - ⊗ EXISTING VALVE (WATER,GAS)
 - _{S,E,T} EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
 - (N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
 - ⊗ UTILITY POLE
 - ⌋----- DRIVE

PAVING
PROJECT
LAYOUT
SHEET #21

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58p2l.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

29

OF

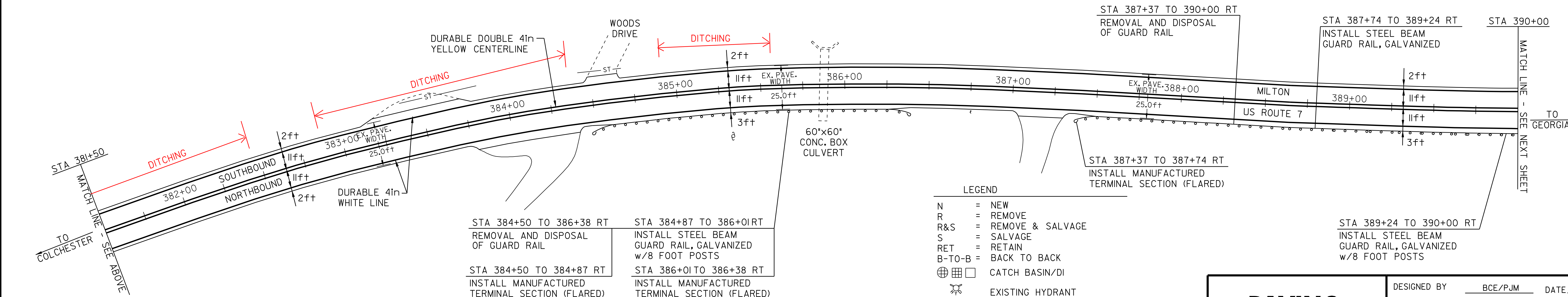
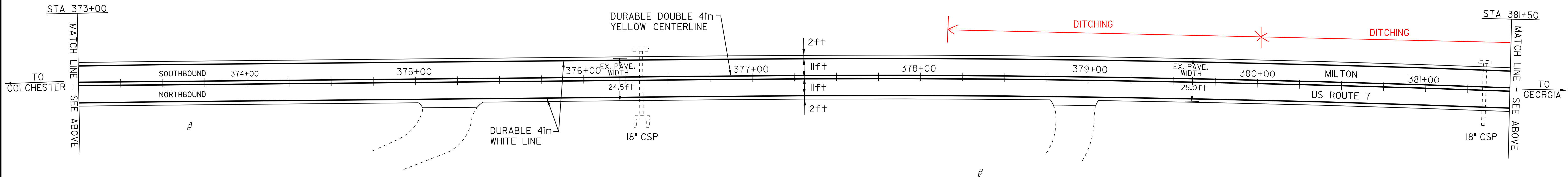
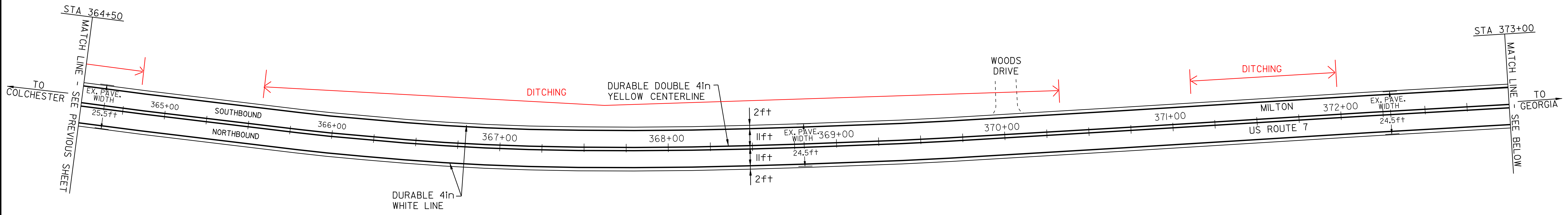
44

SHEETS

TEMPORARY 4in YELLOW LINE (PAINT)
DURABLE 4in YELLOW LINE (THERMOPLASTIC)
STA 364+50 TO 390+00
SOLID LT&RT

TEMPORARY 4in WHITE LINE (PAINT)
DURABLE 4in WHITE LINE (THERMOPLASTIC)
STA 364+50 TO 390+00
SOLID LT&RT

DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 364+50 TO 384+50 LT



MANUFACTURED TERMINAL SECTION, FLARED
STA 384+50 TO 384+87 RT
STA 386+01 TO 386+38 RT
STA 387+37 TO 387+74 RT

REMOVAL AND DISPOSAL OF GUARD RAIL
STA 384+50 TO 386+38 RT
STA 387+37 TO 390+00 RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS
STA 384+87 TO 386+01 RT
STA 389+24 TO 390+00 RT
STEEL BEAM GUARD RAIL, GALVANIZED
STA 387+74 TO 389+24 RT

- LEGEND
- N = NEW
 - R = REMOVE
 - R&S = REMOVE & SALVAGE
 - S = SALVAGE
 - RET = RETAIN
 - B-TO-B = BACK TO BACK
 - ⊕ ⊞ □ CATCH BASIN/DI
 - ⊕ EXISTING HYDRANT
 - ⊕ EXISTING VALVE (WATER,GAS)
 - _{S,E,T} EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
 - (N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
 - ⊕ UTILITY POLE
 - DRIVE

PAVING
PROJECT
LAYOUT
SHEET #22

DESIGNED BY
BCE/PJM
DATE
8-06

DRAWN BY
C.E.A., INC.
DATE
8-06

DESIGN FILE NO.
05ci58.dgn

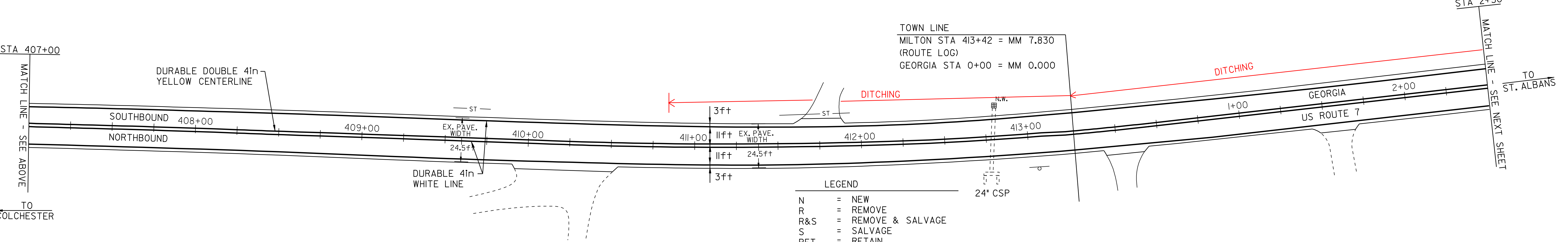
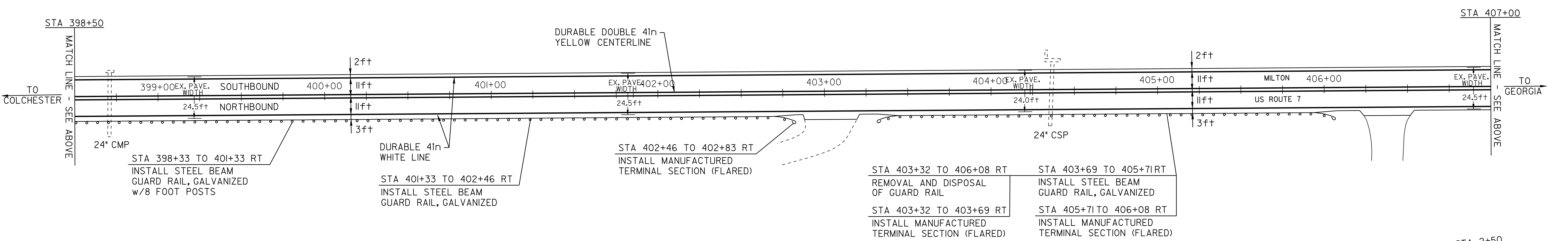
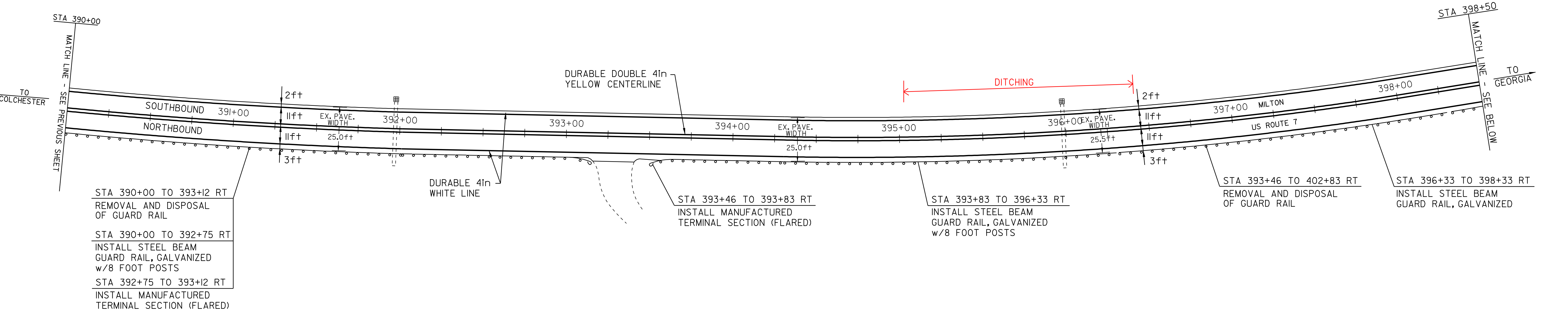
PRF
FILE
05ci58p22.i
DATE
PLOTTED
19-MAY-2009 12

PROJ. NAME
MILTON - GEORGIA

PROJ. NO.
STP 2510(1)S

SHEET
30
OF
44
SHEETS

TEMPORARY 4in YELLOW LINE (PAINT) DURABLE 4in YELLOW LINE (THERMOPLASTIC)		TEMPORARY 4in WHITE LINE (PAINT) DURABLE 4in WHITE LINE (THERMOPLASTIC)		CHANGE ELEVATION OF D.I.'S, C.B.'S, OR M.H.'S	DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
TOWN OF MILTON STA 390+00 TO 413+42		TOWN OF MILTON STA 390+00 TO 413+42		STA 391+97 LT STA 396+00 LT	TOWN OF MILTON STA 404+50 TO 413+25 LT
TOWN OF GEORGIA STA 0+00 TO 2+50		TOWN OF GEORGIA STA 0+00 TO 2+50			TOWN OF GEORGIA STA 0+00 TO 2+50 LT
SOLID LT&RT		SOLID LT&RT			



MANUFACTURED TERMINAL SECTION, FLARED

STA 392+75 TO 393+12 RT
STA 393+46 TO 393+83 RT
STA 402+46 TO 402+83 RT
STA 403+32 TO 403+69 RT
STA 405+71 TO 406+08 RT

REMOVAL AND DISPOSAL OF GUARD RAIL

STA 390+00 TO 393+12 RT
STA 393+46 TO 402+83 RT
STA 403+32 TO 406+08 RT

STEEL BEAM GUARD RAIL, GALVANIZED w/8 FOOT POSTS

STA 390+00 TO 392+75 RT
STA 393+83 TO 396+33 RT
STA 398+33 TO 401+33 RT

STEEL BEAM GUARD RAIL, GALVANIZED

STA 396+33 TO 398+33 RT
STA 401+33 TO 402+46 RT
STA 403+69 TO 405+71 RT

LEGEND

N = NEW

R = REMOVE

R&S = REMOVE & SALVAGE

S = SALVAGE

RET = RETAIN

B-TO-B = BACK TO BACK

CATCH BASIN/DI

EXISTING HYDRANT

EXISTING VALVE (WATER,GAS)

EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)

(N.W.) = NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)

UTILITY POLE

DRIVE

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58p23.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

31

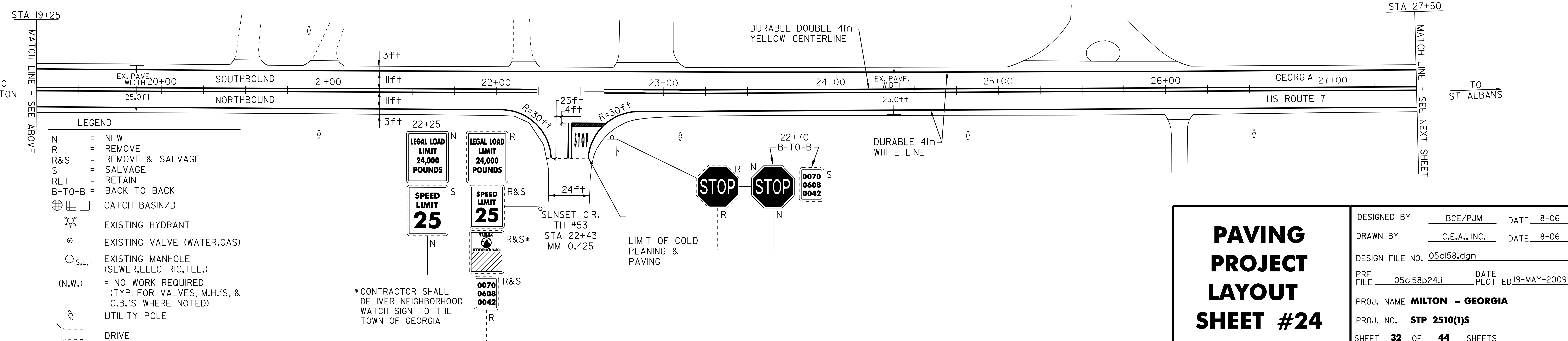
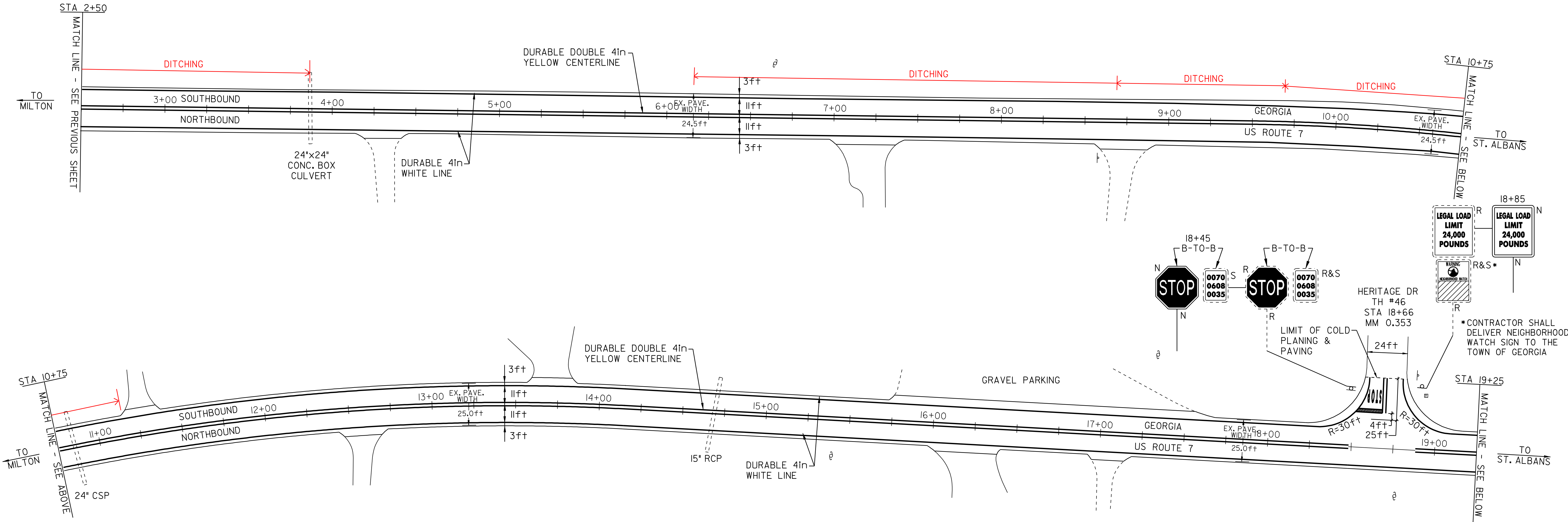
OF

44

SHEETS

PAVING PROJECT LAYOUT SHEET #23

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)		TEMPORARY 24in STOP BAR (PAINT) DURABLE 24in STOP BAR (THERMOPLASTIC)		REMOVING SIGNS	DITCHING LOCATIONS (REFER TO SHEET 8 FOR DETAILS)
STA 2+50 TO 27+50		STA 2+50 TO 27+50		STA 18+66 LT		STA 18+66 LT		9	STA 2+50 TO 10+75 LT
SOLID LT&RT		SOLID LT&RT		"STOP"		TH #46			
DOUBLE SOLID LT		(WITH EDGELINE BREAKS FOR TOWN HIGHWAYS)		"STOP"		TH #53			
STA 18+66									
STA 22+43									
DOUBLE SOLID RT									
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)									



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

STA 2+50 TO 47+47	SOLID LT&RT
STA 32+42	DOUBLE SOLID LT
STA 39+47	DOUBLE SOLID RT
STA 43+80	DOUBLE SOLID LT

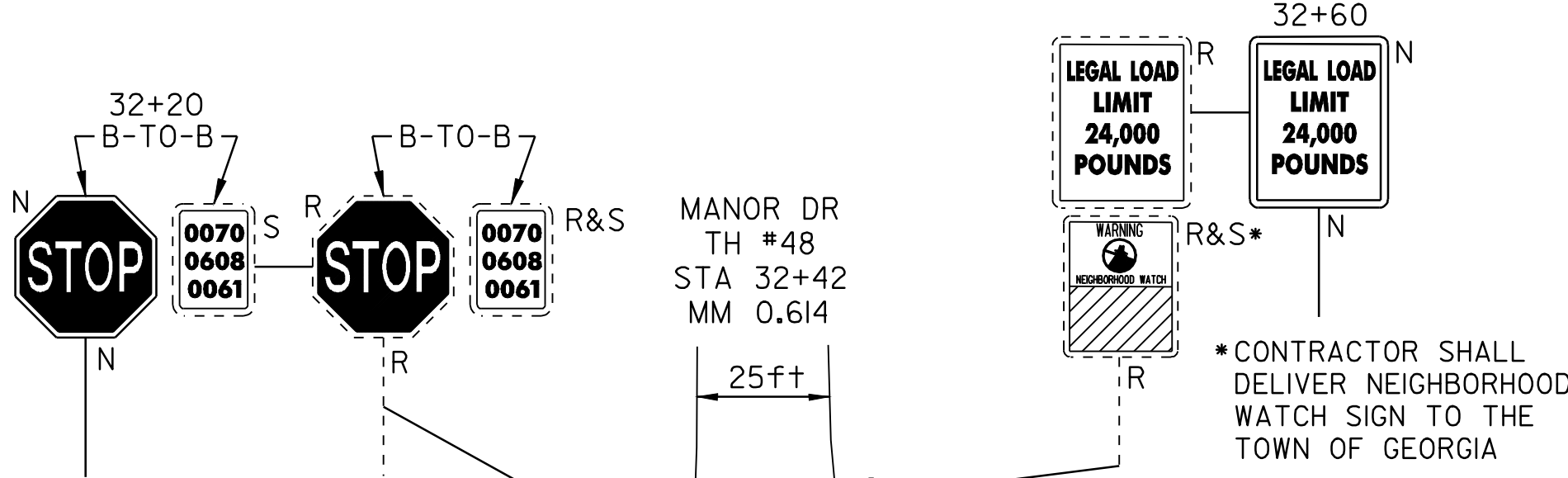
(WITH CENTERLINE BREAKS FOR TOWN HIGHWAYS)

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

STA 2+50 TO 47+47	SOLID LT&RT
-------------------	-------------

(WITH EDGE LINE BREAKS FOR TOWN HIGHWAYS)

REMOVING SIGNS
7

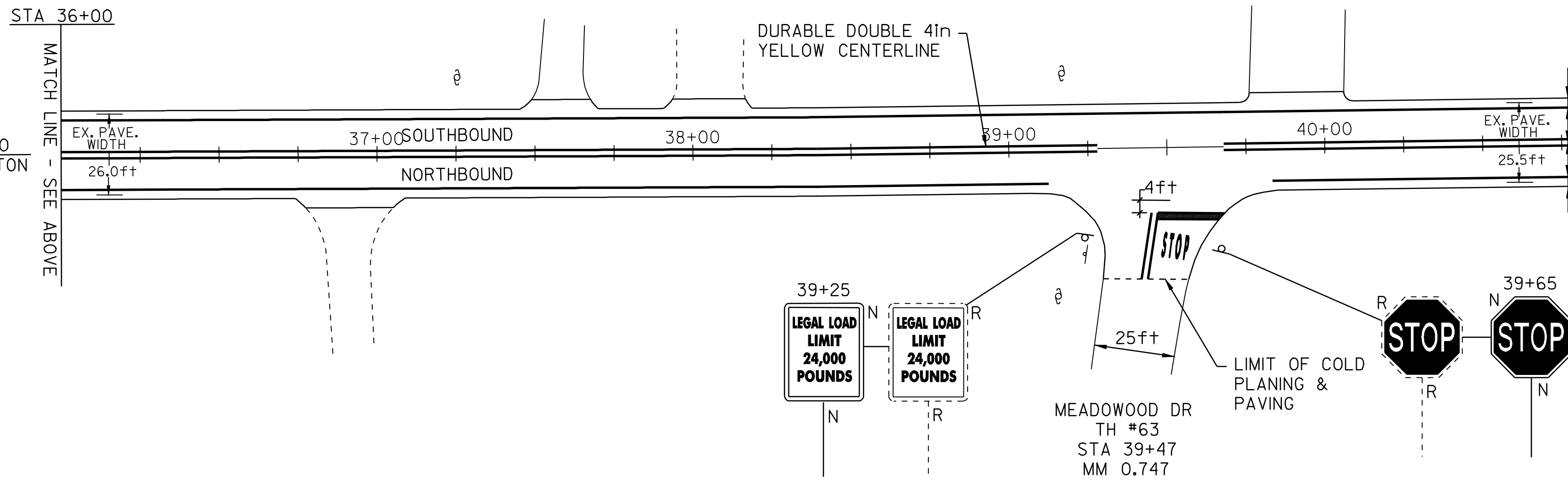
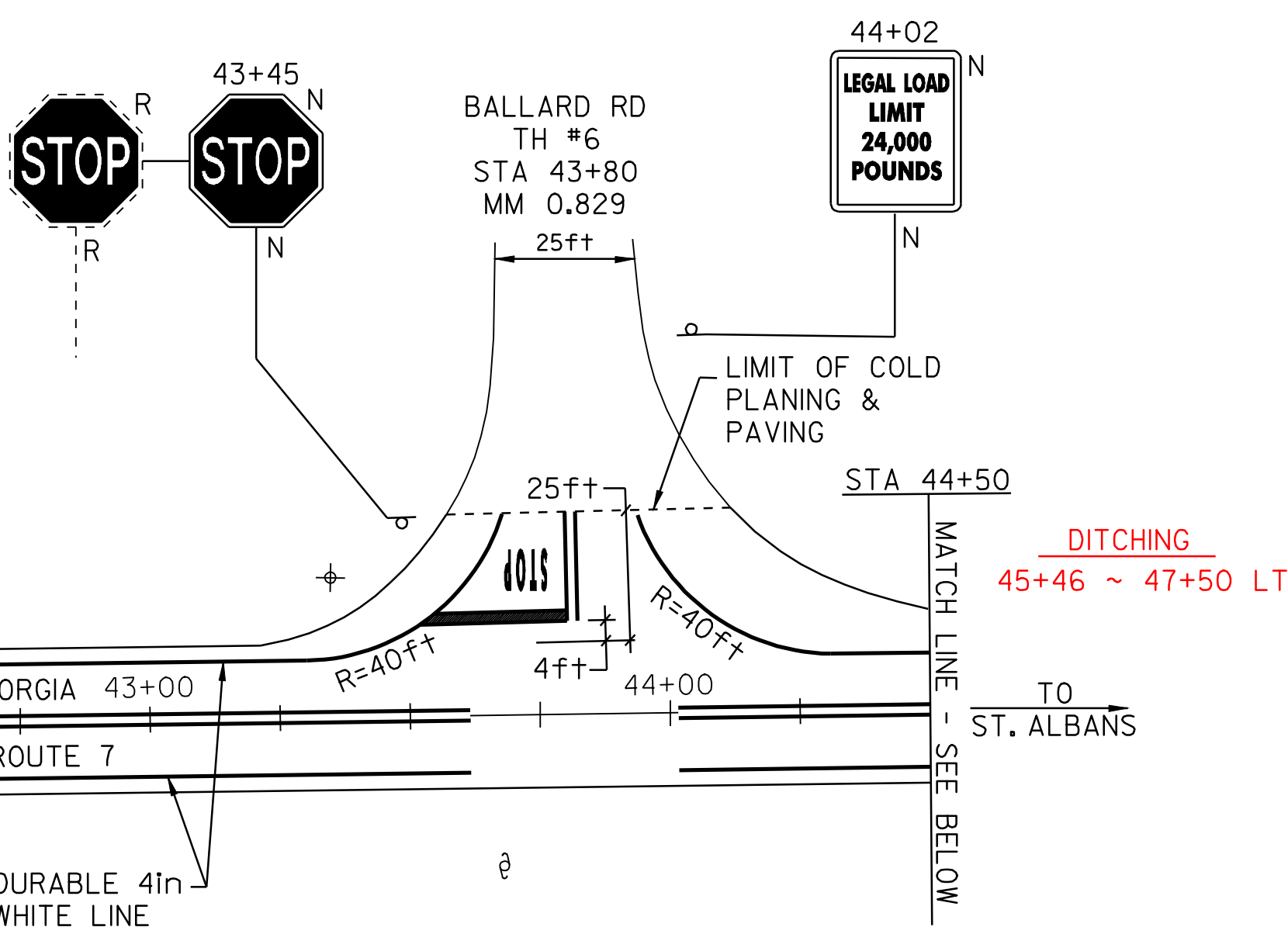


TEMPORARY LETTER OR SYMBOL (PAINT)
DURABLE LETTER OR SYMBOL (THERMOPLASTIC)

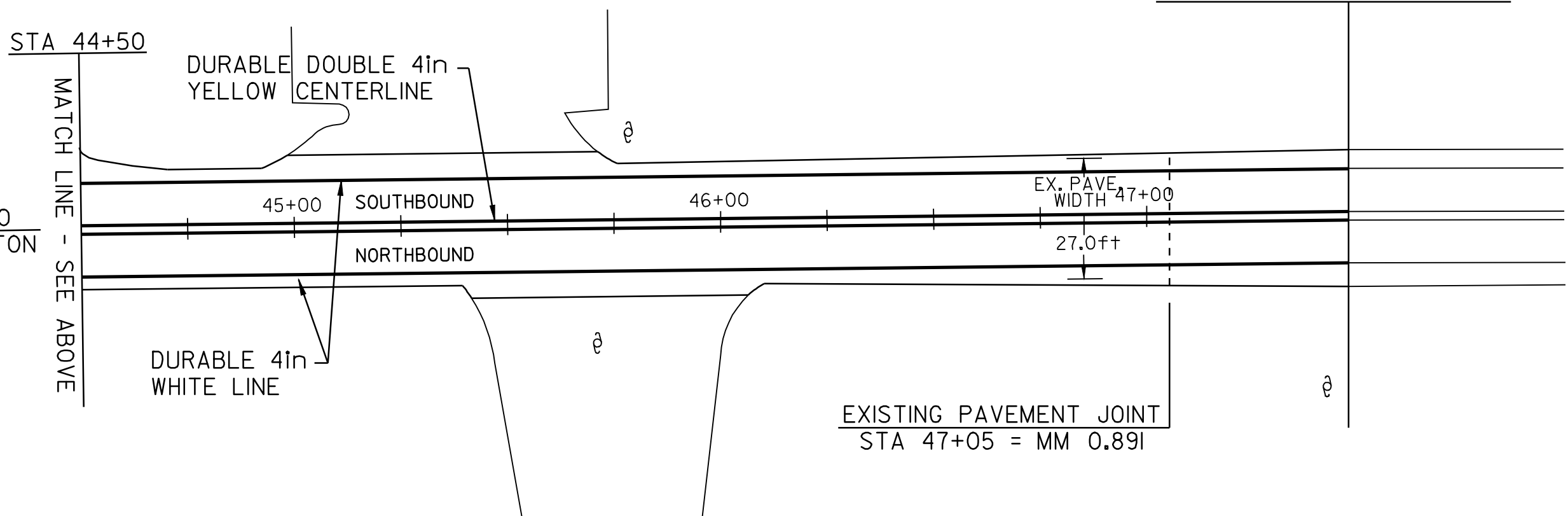
STA 32+42 LT	"STOP"
STA 39+47 RT	"STOP"
STA 43+80 LT	"STOP"

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

STA 32+42 LT	TH #48
STA 39+47 RT	TH #63
STA 43+80 LT	TH #6



US ROUTE 7
STA 47+47 = MM 0.899
BEGIN PROJECT STP 2510(1)S



LEGEND	
N	= NEW
R	= REMOVE
R&S	= REMOVE & SALVAGE
S	= SALVAGE
RET	= RETAIN
B-T-O-B	= BACK TO BACK
⊕	CATCH BASIN/DI
⊕	EXISTING HYDRANT
⊕	EXISTING VALVE (WATER,GAS)
○ _{S,E,T}	EXISTING MANHOLE (SEWER,ELECTRIC,TEL.)
(N.W.)	= NO WORK REQUIRED (TYP. FOR VALVES, M.H.'S, & C.B.'S WHERE NOTED)
⊕	UTILITY POLE
---	DRIVE

PAVING
PROJECT
LAYOUT
SHEET #25

DESIGNED BY

BCE/PJM

DATE

8-06

DRAWN BY

C.E.A., INC.

DATE

8-06

DESIGN FILE NO.

05cl58.dgn

PRF FILE

05cl58p25.i

DATE PLOTTED

19-MAY-2009 12

PROJ. NAME

MILTON - GEORGIA

PROJ. NO.

STP 2510(1)S

SHEET

33

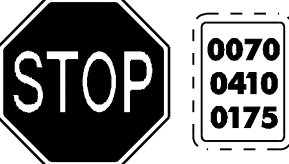
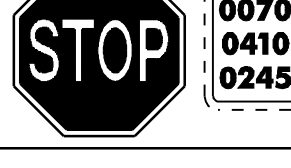
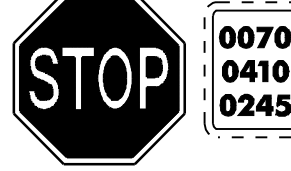
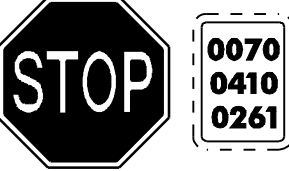
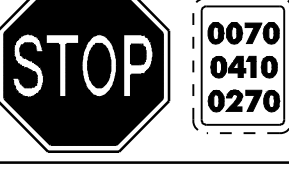
OF

44

SHEETS

TRAFFIC SIGN SUMMARY SHEET 1

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS							NEW SIGN POSTS																		REMARKS	SIGN DETAIL																																																																																																																																																																																																																																																																																																																																																				
					“A”	“B” REMOVE 675.50	SALV SIGN	SALV TIS	EXIST POST RETAIN	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER																																																																																																																																																																																																																																																																																																																																																						
		lb/ft									1.75	2.0	2.5	A FOR R	S LASH	3.0	4.0	4.0 MOD.	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE																																																																																																																																																																																																																																																																																																																																																								
		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	24"	30"																																																																																																																																																																																																																																																																																																																																																										
		E A	WIDTH (In)	HEIGHT (In)							OPTION	ITEMS	1.2			1.7	2.1	2.6		3.1	3.6	4.1	4.6	5.1	5.6						6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6	23.1	23.6	24.1	24.6	25.1	25.6	26.1	26.6	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1	43.6	44.1	44.6	45.1	45.6	46.1	46.6	47.1	47.6	48.1	48.6	49.1	49.6	50.1	50.6	51.1	51.6	52.1	52.6	53.1	53.6	54.1	54.6	55.1	55.6	56.1	56.6	57.1	57.6	58.1	58.6	59.1	59.6	60.1	60.6	61.1	61.6	62.1	62.6	63.1	63.6	64.1	64.6	65.1	65.6	66.1	66.6	67.1	67.6	68.1	68.6	69.1	69.6	70.1	70.6	71.1	71.6	72.1	72.6	73.1	73.6	74.1	74.6	75.1	75.6	76.1	76.6	77.1	77.6	78.1	78.6	79.1	79.6	80.1	80.6	81.1	81.6	82.1	82.6	83.1	83.6	84.1	84.6	85.1	85.6	86.1	86.6	87.1	87.6	88.1	88.6	89.1	89.6	90.1	90.6	91.1	91.6	92.1	92.6	93.1	93.6	94.1	94.6	95.1	95.6	96.1	96.6	97.1	97.6	98.1	98.6	99.1	99.6	100.1	100.6	101.1	101.6	102.1	102.6	103.1	103.6	104.1	104.6	105.1	105.6	106.1	106.6	107.1	107.6	108.1	108.6	109.1	109.6	110.1	110.6	111.1	111.6	112.1	112.6	113.1	113.6	114.1	114.6	115.1	115.6	116.1	116.6	117.1	117.6	118.1	118.6	119.1	119.6	120.1	120.6	121.1	121.6	122.1	122.6	123.1	123.6	124.1	124.6	125.1	125.6	126.1	126.6	127.1	127.6	128.1	128.6	129.1	129.6	130.1	130.6	131.1	131.6	132.1	132.6	133.1	133.6	134.1	134.6	135.1	135.6	136.1	136.6	137.1	137.6	138.1	138.6	139.1	139.6	140.1	140.6	141.1	141.6	142.1	142.6	143.1	143.6	144.1	144.6	145.1	145.6	146.1	146.6	147.1	147.6	148.1	148.6	149.1	149.6	150.1	150.6	151.1	151.6	152.1	152.6	153.1	153.6	154.1	154.6	155.1	155.6	156.1	156.6	157.1	157.6	158.1	158.6	159.1	159.6	160.1	160.6	161.1	161.6	162.1	162.6	163.1	163.6	164.1	164.6	165.1	165.6	166.1	166.6	167.1	167.6	168.1	168.6	169.1	169.6	170.1	170.6	171.1	171.6	172.1	172.6	173.1	173.6	174.1	174.6	175.1	175.6	176.1

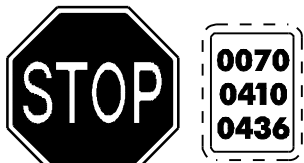
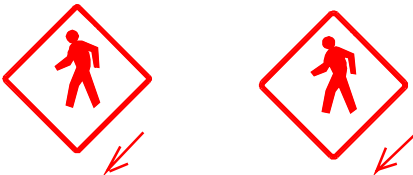
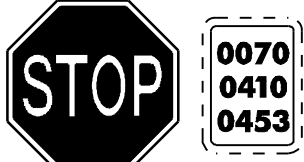
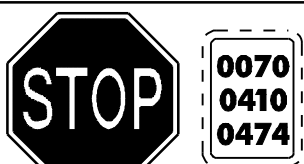
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			NEW SIGN POSTS TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				SIGN BY DATE	REMARKS	SIGN DETAIL				
					"A"	"B" REMOVE 675.50	SALV SIGN	SALV TIS			lb/ft			1.75	2.0	2.5	A RROW PLATE	S HIELD	3.0	4.0	4.0 MOD.	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT	POST SIZE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER	
		24"	30"																															
				1.12							2.0	3.0	1.88														2.16							3.35
OPTION ITEMS																																		
78+25 RT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
78+60 RT		1	30	30	6.25	2				1			X 14		X																E-143			
62+25	WARNING					1																												
92+13 RT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
92+54 RT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143			
ADDED 117+00 LT						1	1						14																SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.					
124+35 LT		1	30	30	6.25	1				1			X 14		X																E-143			
129+20 RT		1	24	30	5.0	1				1			X 16		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
129+50 LT		1	30	30	6.25	2	1			1			X 12		X														BACK TO BACK		E-143			
ADDED 134+75 LT						1	1						14, 14																SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.					
129+55 RT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143			
129+95 LT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
	NO THRU TRUCKS					1																												
134+95 LT		1	30	30	6.25	2	1			1			X 14		X															BACK TO BACK		E-143		
135+00 LT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
140+50 LT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143			
140+85 LT		1	24	30	5.0	1				1			X 14		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 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	TRAFFIC SIGN SUMMARY SHEET #3		PROJECT: MILTON - GEORGIA		PROJECT NO.: STP 2510(1)S	
													195	195													DESIGN FILE NAME: 05cl58.dgn				PLOT DATE: 19-MAY-2009 12:23			
			SHEET TOTALS		73.75	24	9	7			224	195	195															SURVEY DATE:			DRAWN BY: C.E.A., INC.			
																												SQUAD LEADER:		SHEET: 36 OF 44				

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST REMAIN	SALVAGE POST	NO. OF POSTS	NEW SIGN POSTS																		REMARKS	SIGN DETAIL					
												FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				SIGN POST DETAIL DRAWN DATE		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B" REMOVE 675.50	SALV SIGN	SALV TIS				lb/ft			1.75	2.0	2.5	A R O U N D	S Q U A R E	3.0	4.0	4.0 MOD.	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE		
												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	24"							30"	
OPTION ITEMS																																				
147+75 LT		1	30	30	6.25	2	1				1			X 14		X															BACK TO BACK		E-143			
148+10 LT		1	24	30	5.0						1			X 14		X															REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
						1	1																								SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.					
164+85 LT		1	30	30	6.25	2	1				1			X 16		X															BACK TO BACK		E-143			
165+15 LT		1	24	30	5.0						1			X 14		X															REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
184+00 RT		1	24	30	5.0	1					1			X 14		X															REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
184+45 RT		1	30	30	6.25	1					1			X 12		X																E-143				
187+85 RT		1	30	30	6.25	1					1			X 14		X															MIRROR IMAGE OF VR-921		E-145A			
189+67 RT		1	30	30	6.25	1					1			X 14		X																E-140				
190+10 LT		1	30	30	6.25	2	1				1			X 14		X															BACK TO BACK		E-143			
190+80 LT		1	24	30	5.0						1			X 14		X															REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
191+46 LT		1	30	30	6.25						1			X 14		X																E-140				
192+35 LT		1	48	30	10.0						2			14 X 14		X																E-145B				
194+20 193+88	CENTRE DR. PED					1 1																														
193+70 RT		1	24	30	5.0						1			X 14		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 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	EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #4		PROJECT: MILTON - GEORGIA		PROJECT NO.: STP 2510(1)S
														210		210																		SURVEY DATE:	PLOT DATE: 19-MAY-2009 12:23	
			SHEET TOTALS		78.75	13	4					196 210			210																			DRAWN BY: C.E.A., INC.	SHEET: 37 OF 44	

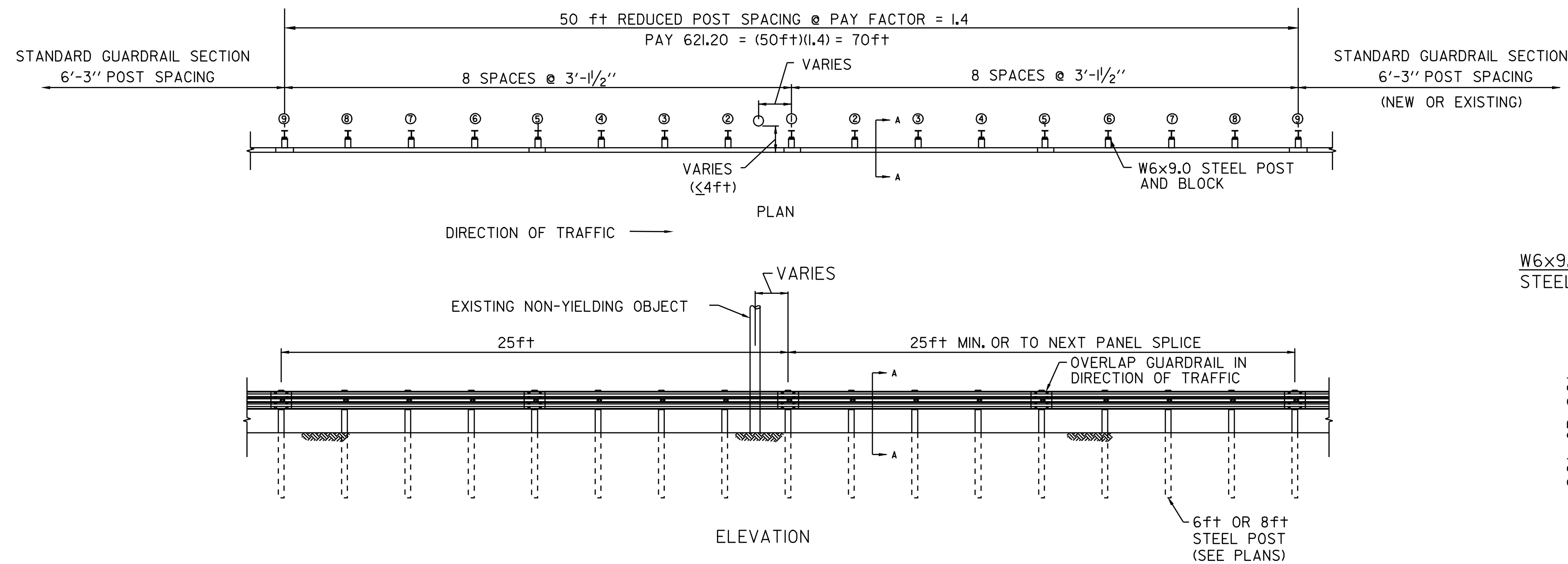
STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET 5

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXISTING POST REMAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS							REMARKS								SIGN DETAIL						
					“A”	“B” REMOVE 675.50	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)				W-SHAPE STEEL				DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
		EA	WIDTH (In)	HEIGHT (In)							lb/ft	1.75	2.0	2.5	A NCHOR HOLE	S PACING	3.0	4.0	4.0 MOD.	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT			POST SIZE		
												1.2	2.0	3.0							1.88	2.16	3.35	1.3	1.7	1.7					24"	30"
												1.2	2.0	3.0							1.88	2.16	3.35	1.3	1.7	1.7					24"	30"
												1.2	2.0	3.0							1.88	2.16	3.35	1.3	1.7	1.7					24"	30"
							1					X 14		X													SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.					
194+20 RT		1	30	30	6.25	2		1			X 14		X														BACK TO BACK		E-143			
203+50 203+52 RT		1	24	30	5.0	1			1		X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141			
203+97 RT		1	30	30	6.25	2		1			X 14		X														BACK TO BACK		E-143			
205+35 RT		1	36	36	9.0	1			2		X 14 X 16		X																E-152			
207+20 RT		1	30	30	6.25	2		1			X 14		X														BACK TO BACK		E-143			
208+15 LT		1	30	30	6.25				1		X 14		X														MIRROR IMAGE OF VR-921		E-145A			
208+81 RT		1	30	30	6.25	1			1		X 14		X														MIRROR IMAGE OF VR-921		E-145A			
210+05 LT									1																		RETAIN EXISTING SIGN ON EXISTING POST.					
		2	18	18	4.5																						BACK TO BACK		E-150			
210+70 LT		1	30	30	6.25	1			1		X 14		X																E-140			
211+69 LT		1	30	30	6.25	1			1		X 14		X																E-145A			
215+76 LT		1	36	36	9.0	1			2		X 14		X																E-152			
219+75 RT		1	24	30	5.0	1				1		X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141		
						1																					SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.					
220+15 RT		1	30	30	6.25	2		1			X 14		X															BACK TO BACK		E-143		
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE 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			82.50																										

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	FLANGED CHANNEL			SQUARE STEEL (In)			NEW SIGN POSTS TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL				REMARKS	SIGN DETAIL							
					"A"	"B" REMOVE 675.50	SALV SIGN	SALV TIS			RE TAIN	S ALV AGE	NO. OF POSTS	lb/ft	lb/ft	lb/ft	A POSITION	S MOUNTS	3.0	4.0 MOD.	FOUND- ATION	3.0	3.5	4.0	5.0	FTG. SIZE			WEIGHT	POST SIZE	S CA M P L E	R O U N D O R D I A M E T E R	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
		E A	WIDTH (In)	HEIGHT (In)																						24"	30"								24"	30"
						1						X 14		X															SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.							
230+05 LT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143					
230+20 RT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141					
230+35 LT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141					
230+65 RT		1	30	30	6.25	1				1			X 14		X																E-143					
ADDED 230+20					6.25 2 6.25 2								16 16																							
236+40 RT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141					
239+15 RT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141					
							1																						SIGN TO BE MOUNTED USING POST TOP MOUNTING BRACKET.							
239+53 RT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143					
249+90 LT		1	30	30	6.25	1	1			1			X 14		X														BACK TO BACK		E-143					
250+25 LT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141					
255+35 RT		1	24	30	5.0	1				1			X 14		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 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	EA.	EA.	LB	TRAFFIC SIGN SUMMARY SHEET #6		PROJECT: MILTON - GEORGIA		PROJECT NO.: STP 2510(1)S DATE: 8-06		
													150			150																PLOT DATE: 19-MAY-2009 12:23 SURVEY DATE: DRAWN BY: C.E.A., INC. SHEET: 39 OF 44				
			SHEET TOTALS		71.5 55.0	10	5				172 150		150																							

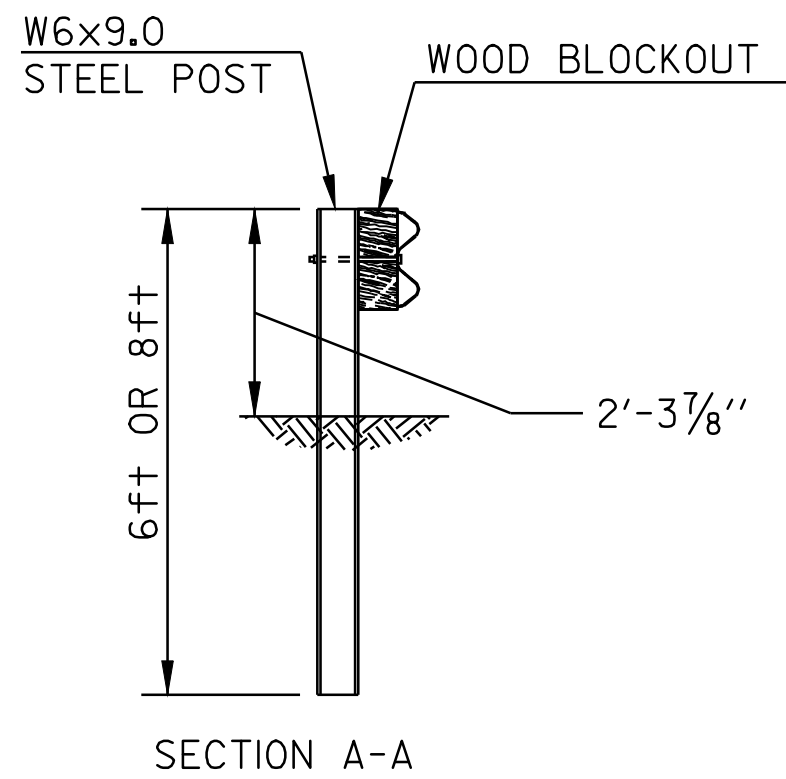
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAI N	NO. OF POST S	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
											FLANGED CHANNEL			SQUARE STEEL (in)			FOUND- ATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL										
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B" REMOVE 675.50	SALV SIGN	SALV TIS			lb/ft			1.75	2.0	2.5		TUBULAR ALUMINUM Ø (in)				TUBULAR STEEL Ø (in)				W-SHAPE STEEL						
																		3.0	4.0	4.0 MOD.	3.0	3.5	4.0	5.0	FTG. SIZE	WEIGHT	POST SIZE					
																		lb/ft				lb/ft				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								
255+66 RT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143	
						1	1																									
265+63 RT		1	30	30	6.25	1				1			X 16		X														COLOR TO BE FLUORESCENT YELLOW-GREEN		E-152	
		1	24	12	2.0																								COLOR TO BE FLUORESCENT YELLOW-GREEN		E-153B	
265+67 LT		1	30	30	6.25	1				1			X 16		X														COLOR TO BE FLUORESCENT YELLOW-GREEN		E-152	
		1	24	12	2.0																								COLOR TO BE FLUORESCENT YELLOW-GREEN		E-153B	
266+00 RT		1	24	30	5.0	1				1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141	
266+50 RT		1	30	30	6.25	1				1			X 14		X																E-143	
272+38 LT		1	30	30	6.25	2	1			1			X 14		X														BACK TO BACK		E-143	
272+50 LT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141	
309+35 RT		1	24	30	5.0					1			X 14		X														REFER TO STANDARD E-121 FOR PLACEMENT.		E-141	
309+75 RT		1	30	30	6.25	1				1			X 14		X																E-143	
310+35 LT		1	30	30	6.25	1				1			X 14		X																E-143	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE 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	TRAFFIC SIGN SUMMARY SHEET #7	PROJECT: MILTON - GEORGIA		PROJECT NO.: STP 2510(1)S
																												DESIGN FILE NAME: 05cl58.dgn		PLOT DATE: 19-MAY-2009 12:23		
			SHEET TOTALS			62.75	11	3			144 150			150														IPARM FILE NAME: 05cl58+s7.i		SURVEY DATE:		
																												SURVEYED BY:		DRAWN BY: C.E.A., INC.		
																												SQUAD LEADER:		SHEET: 40 OF 44		



NON-YIELDING OBJECT APPROACH DETAIL

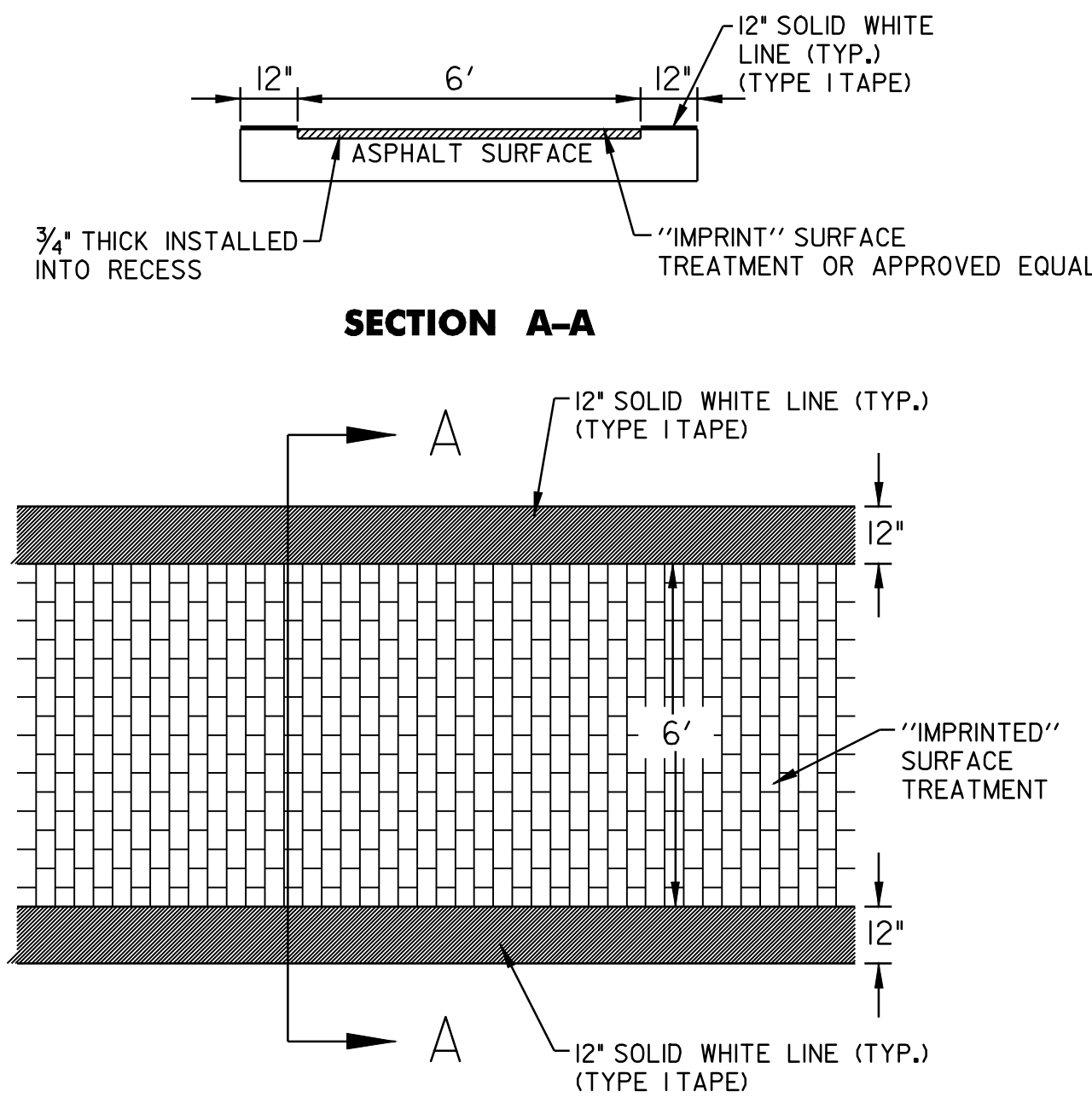
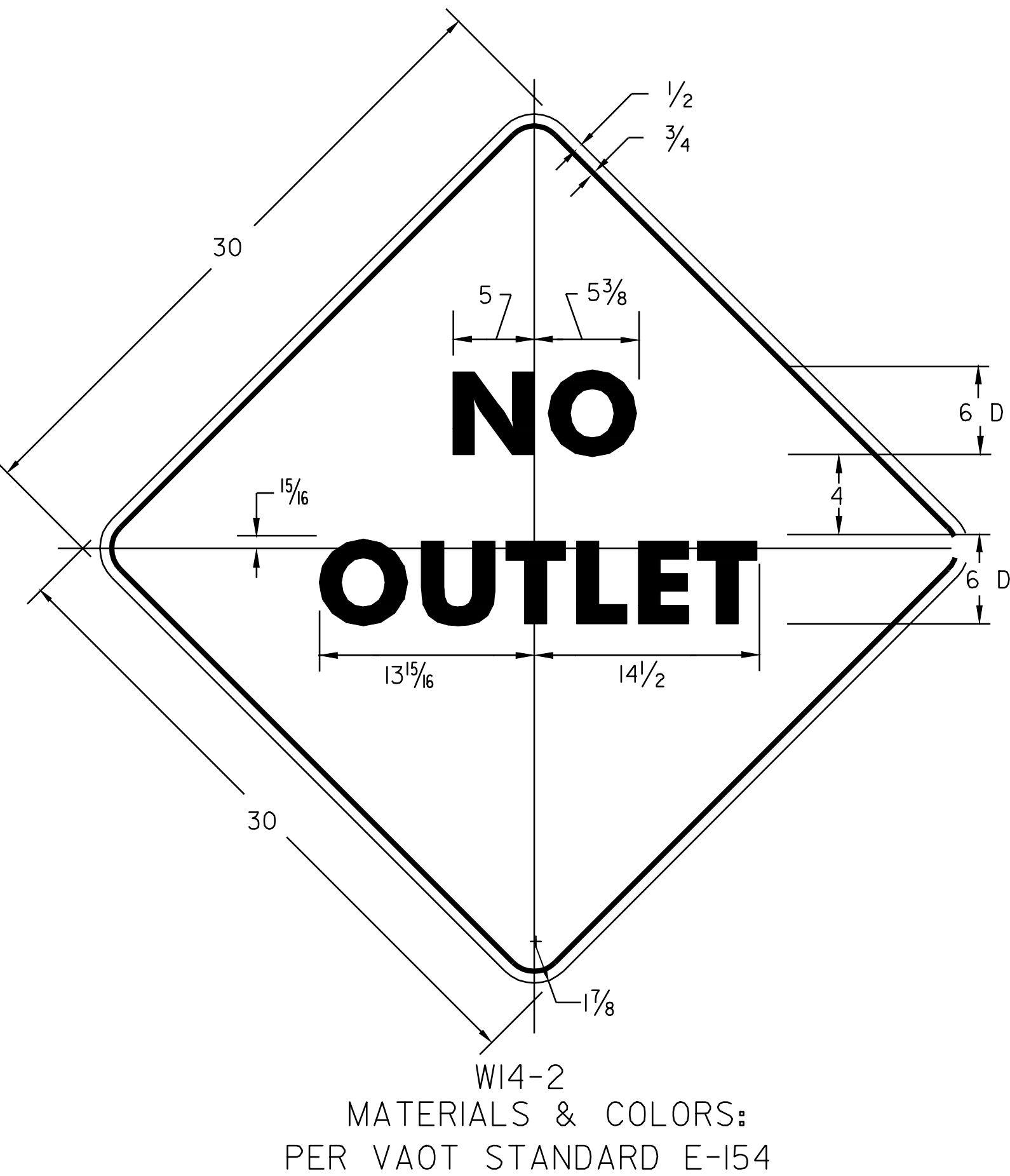
MILTON

STA 274+93 RT
STA 276+60 RT
STA 278+13 RT



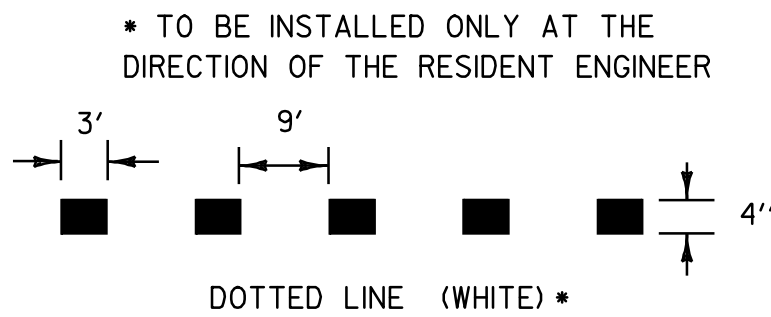
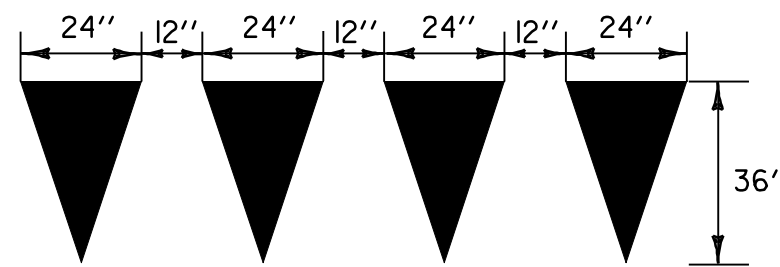
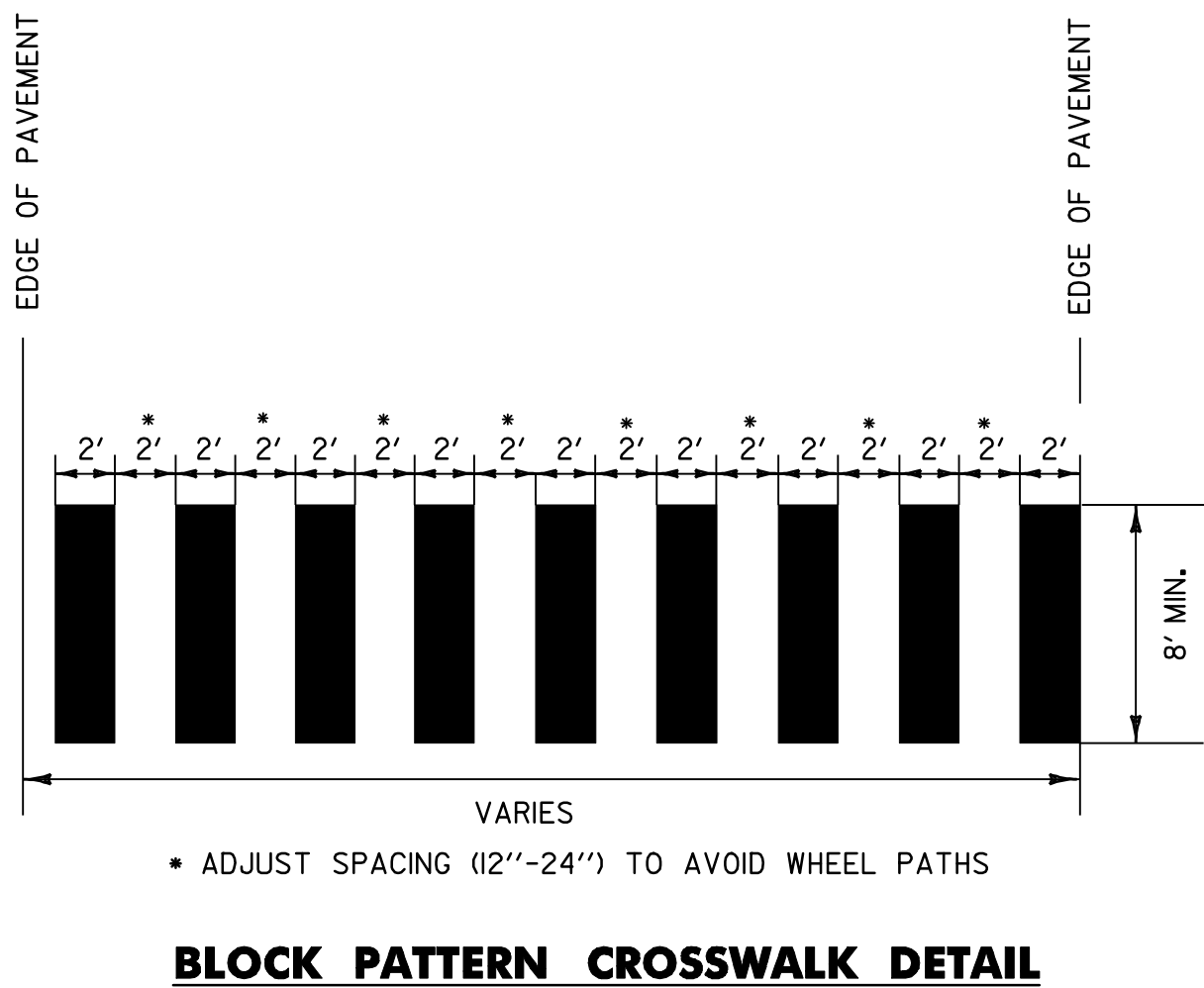
VEHICLE DETECTOR LOOP NOTES:

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 LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. THIS WORK SHALL BE INCIDENTAL TO PAY ITEM 678.22, VEHILCE LOOP DETECTOR.
3. ALL PROPOSED VEHICLE DETECTOR LOOPS SHALL BE INSTALLED IN THE COLD PLANED SURFACE PRIOR TO THE PLACEMENT OF THE WEARING SURFACE. ONCE THE PROPOSED VEHICLE DETECTOR LOOP IS 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 A PROPOSED VEHICLE LOOP DETECTOR, THE SIGNAL 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. EXISTING TIMINGS WILL BE USED.
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.



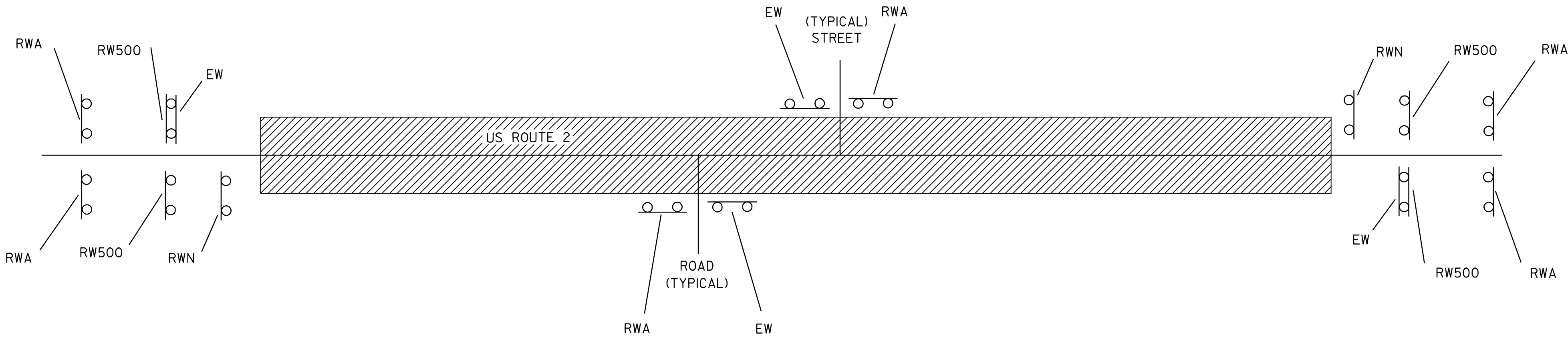
DETAIL OF DURABLE CROSSWALK MARKING, IMPRINTED/COLORIZED
ITEM 900.640

- NOTES:
1. SAWCUT PAVEMENT AT EDGES AND REMOVE PAVEMENT INSIDE THE CROSSWALK TO SPECIFIED DEPTHS.
 2. SURFACING SHALL BE A HOT APPLIED MODIFIED SYNTHETIC ASPHALT COMPOUND, 'IMPRINT' TECHNOLOGY, OR EQUAL.
 3. MATERIAL GRADE OF THE SURFACING TREATMENT SHALL MEET THE REQUIREMENTS FOR HEAVILY TRAFFICKED ROADS AND NORTHERN U.S. TEMPERATURES.
 4. INSTALL PER MANUFACTURERS INSTRUCTIONS.
 5. CROSSWALKS:
-SURFACING SHALL BE A THROUGH OXIDE RED COLOR MATERIAL, NOT SURFACE PAINTED.
-SURFACE SHALL BE STAMPED WITH STANDARD BRICK PATTERN.
 6. THE 12" SOLID WHITE LINE, TYPE I TAPE, ADJACENT TO THE COLORIZED/PATTERNED CROSSWALK SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO ITEM 900.640.



NON-YIELDING OBJECT APPROACH, SIGN, VEHICLE DETECTOR NOTES, and PAVEMENT MARKING DETAILS

DESIGNED BY	BCE/PJM	DATE	8-06
DRAWN BY	C.E.A., INC.	DATE	8-06
DESIGN FILE NO.	05cl58.dgn		
PRF FILE	05cl58.det.1	DATE PLOTTED	19-MAY-2009 12:00
PROJ. NAME	MILTON - GEORGIA		
PROJ. NO.	STP 2510(1)S		
SHEET	43	OF	44 SHEETS



LEGEND

RWA = ROAD WORK AHEAD
RW500 = ROAD WORK 500 FEET
EW = END WORK
RWN = ROAD WORK NEXT 1/2 MILES
SRWA = SIDE ROAD WORK AHEAD
SRW500 = SIDE ROAD WORK 500 FEET

CONSTRUCTION APPROACH SIGNING

SEE STD. E-100 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.

NOTES:

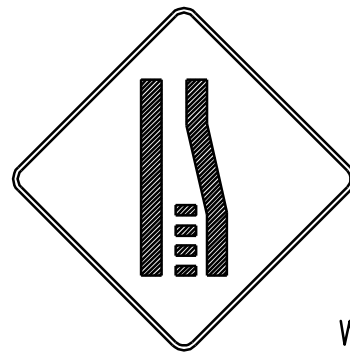
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".
- THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION 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".
- PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ALONG THIS PROJECT. THE PLACEMENT OF THESE UNITS AS WELL AS THE MESSAGE WILL BE APPROVED BY THE RESIDENT ENGINEER. THESE SIGNS WILL BE PAID FOR UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".

PCMS SHOULD NOT REPLACE ANY OF THE SIGNING DETAILED IN THE MUTCD AND SHOULD NOT BE USED IF STANDARD TRAFFIC CONTROL DEVICES ADEQUATELY PROVIDE THE INFORMATION THE MOTORISTS NEED TO TRAVEL SAFELY.

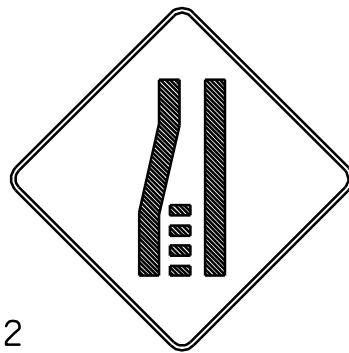
THE PCMS SHALL CONSIST OF EITHER ONE OR TWO PHASES. TYPICALLY, A PHASE SHALL CONSIST OF UP TO THREE LINES OF EIGHT CHARACTERS PER LINE. THE PCMS SHOULD BE USED TO SUPPLEMENT AND NOT AS A SUBSTITUTE FOR CONVENTIONAL SIGNS AND PAVEMENT MARKINGS.

THE PCMS SHOULD COMMUNICATE WHAT INFORMATION MOTORISTS NEED TO KNOW. UNNECESSARY INFORMATION SHOULD BE AVOIDED. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS.

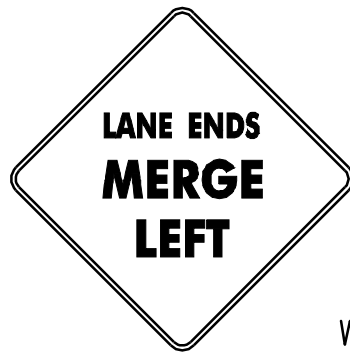
- THE MUTCD 2003 SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS, SIGNALS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC CONTROL DEVICES ARE ERECTED OR PLACED OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM TO THESE STANDARDS.
- 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.
- ON VTRANS STANDARDS E-103, SIGN W4-2 MAY BE REPLACED WITH W9-2:



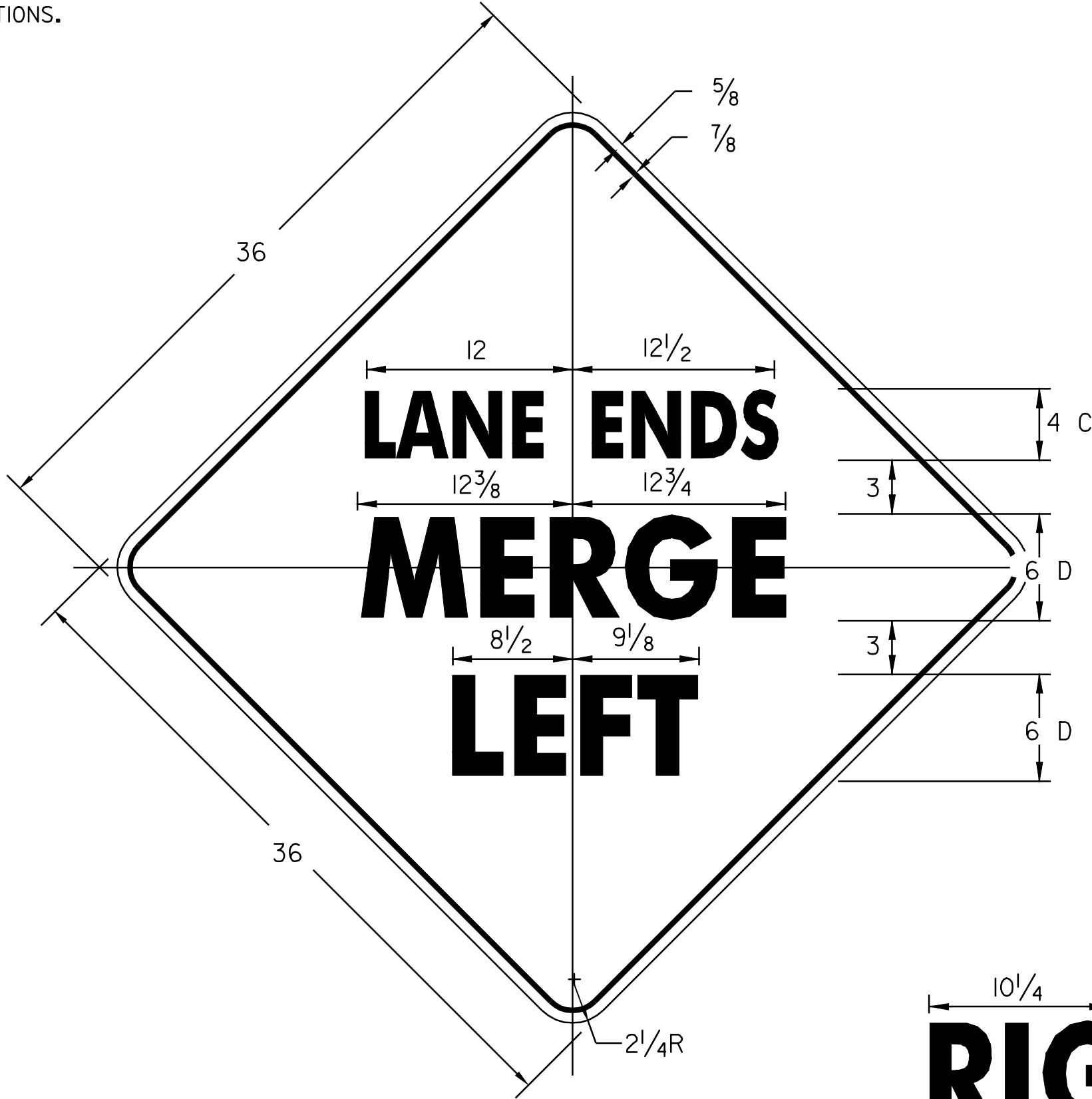
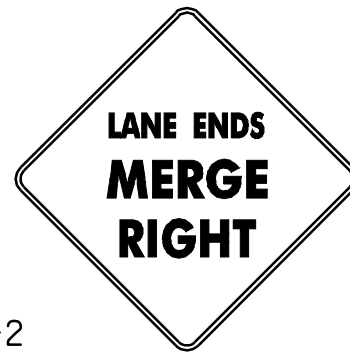
W4-2



W9-2



W9-2



W14-2
MATERIALS & COLORS:
PER VAOT STANDARD E-154

RIGHT

CONSTRUCTION APPROACH
SIGNING

TOWN HIGHWAY	RWA	RW500	EW	RWN
MILTON				
BEGIN PROJECT	2	2		
TH#122				
TH#21				
TH#59				
ALLEN DRIVE				
TH#122				
TH#58				
TH#60				
TH#157				
TH#157				
TH#48				
TH#44				
TH#46				
TH#47				
TH#6				
TH#144				
TH#146				
TH#90				
TH#49				
TH#140				
TH#150				
TH#1				
TH#1				
TH#77				
TH#91				
TH#71				
TH#33				
TH#32				
TH#32				
TH#72				
TH#31				
TH#2				
TH#81				
TH#73				
TH#80				
TH#3				
TH#151				
GEORGIA				
TH#46				
TH#53				
TH#48				
TH#63				
TH#6				
END PROJECT	2	2		
TOTALS	43	4	41	2

DATUM
VERTICAL N/A
HORIZONTAL N/A

DESIGNED BY BCE/PJM DATE 8-06
DRAWN BY C.E.A., INC. DATE 8-06
DESIGN FILE NO. 05cl58.dgn
PRF FILE 05cl58cas.t DATE 19-MAY-2009 12:41
PROJ. NAME **MILTON - GEORGIA**
PROJ. NO. **STP 2510(1)S**
SHEET **44** OF **44** SHEETS