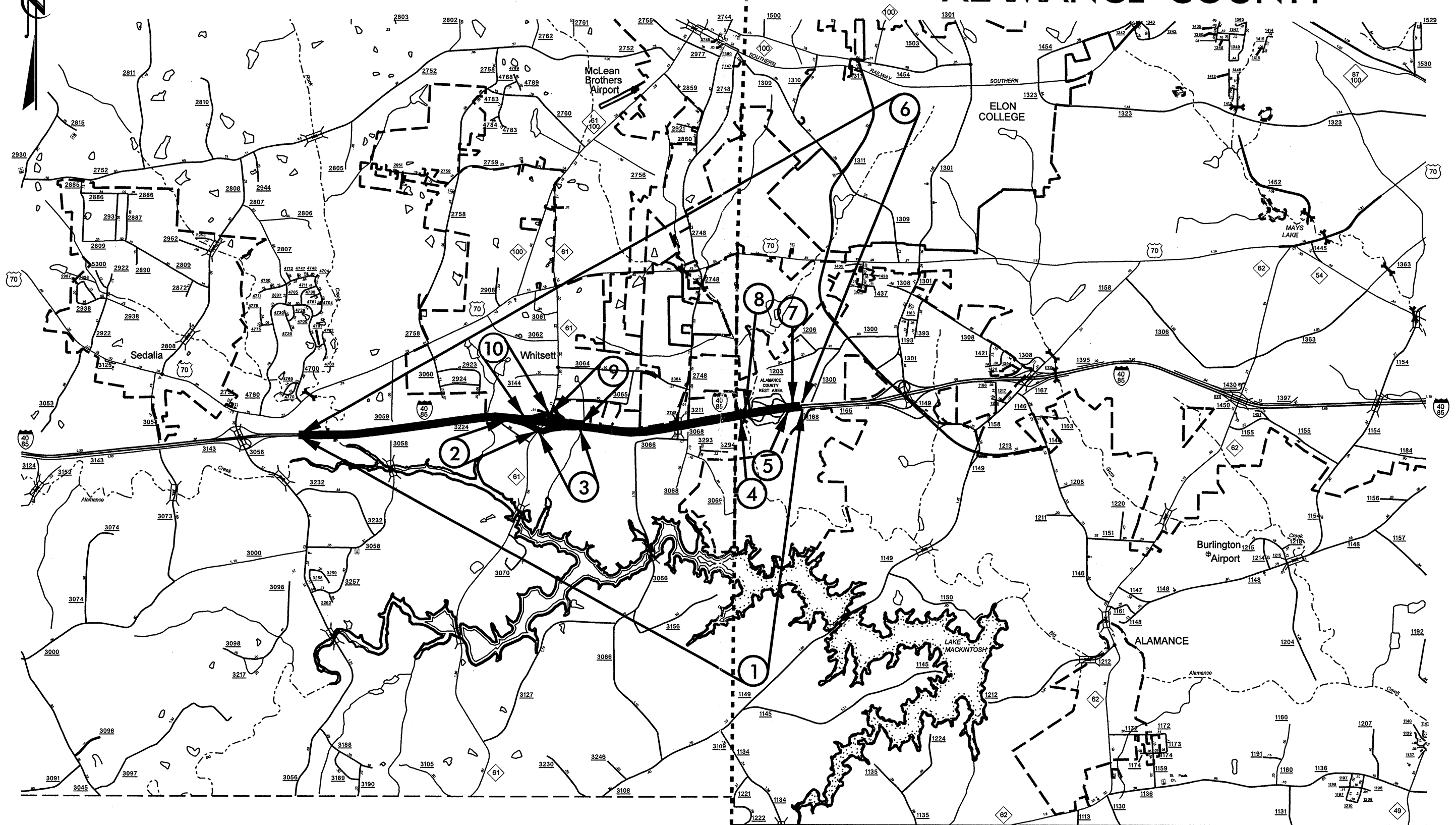
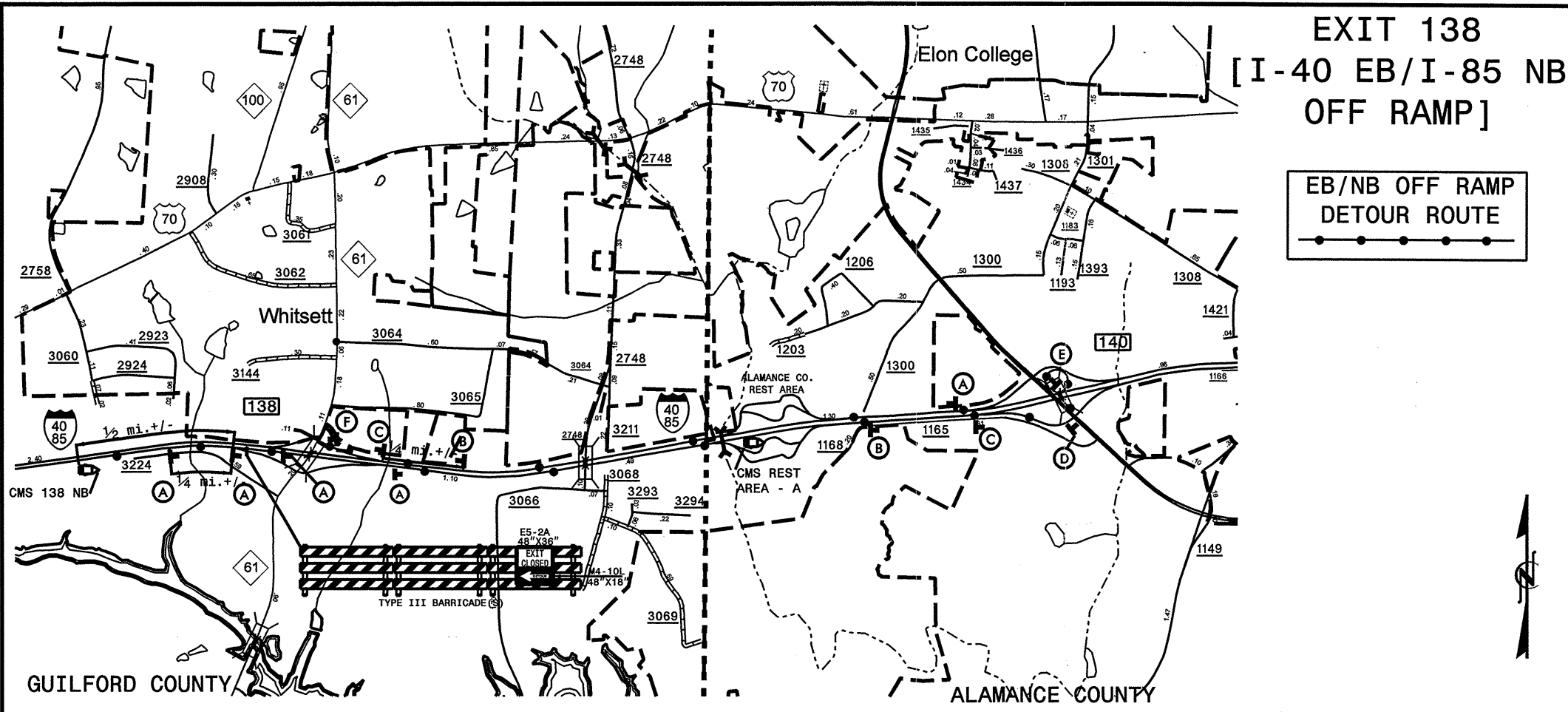


GUILFORD COUNTY

ALAMANCE COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45056.3.ST1 (I-5118)	1	
F.A. PROJ. NO. STM-040-3(123)207			





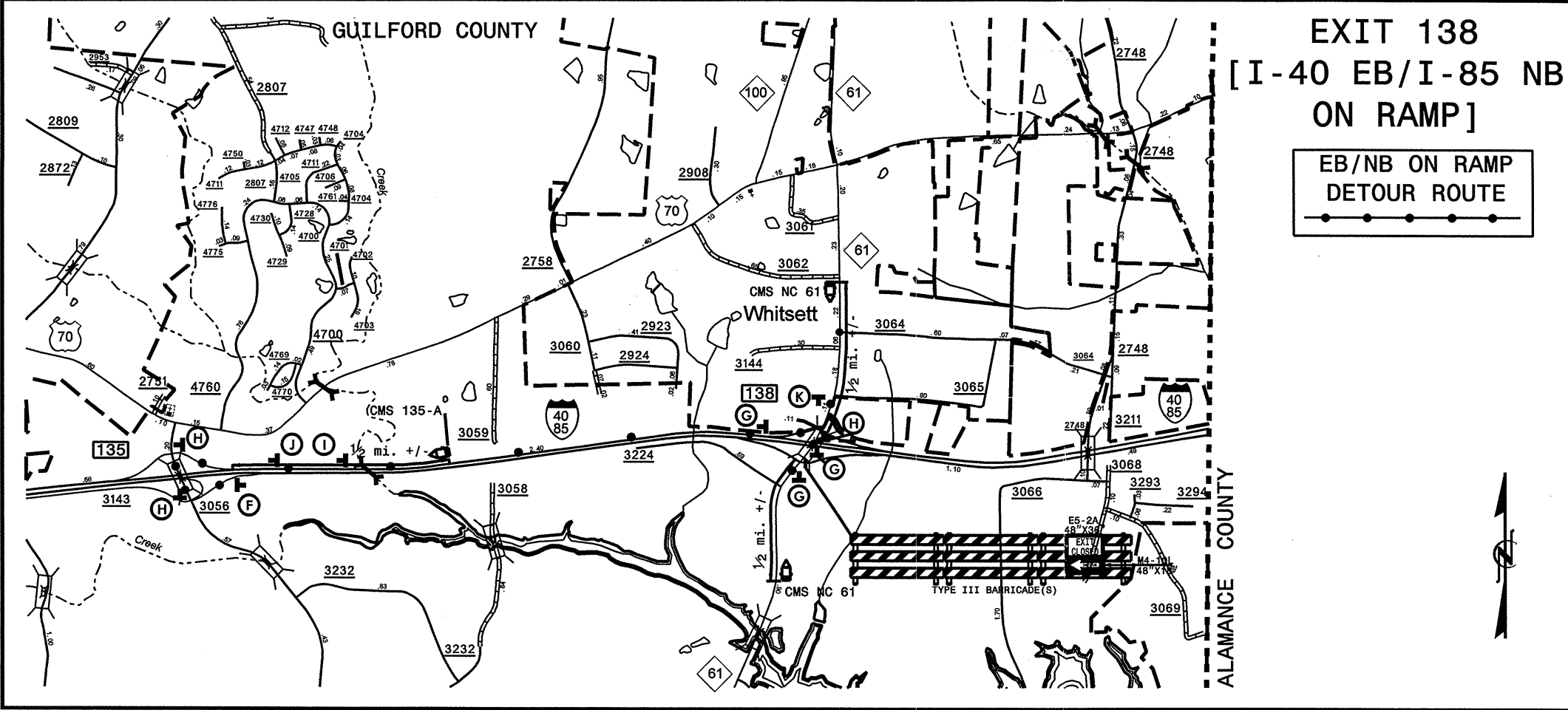
EXIT 138
[I-40 EB/I-85 NB
OFF RAMP]

EB/NB OFF RAMP
DETOUR ROUTE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45056.3.ST1 (I-5118)	2 (DET-1)	
F.A. PROJ. NO. STM-040-3(123)207			

- Notes:
1. Close I 85 Off/On Ramps at same time on the same side of I 85 (Use in conjunction with All Detour Sheets)
 2. Using Roadway Standard Drawings and the Intermediate Time Restrictions
 - a) Place the appropriate signs and traffic control devices
 - b) Close the I 85 Off/On Ramps as agreed upon with the Engineer, and begin work.
 3. Complete all work and remove all signs and traffic control devices.
 4. Portable Changeable Message Signs (PCMS) shall be used in combination with portable detour route signs.

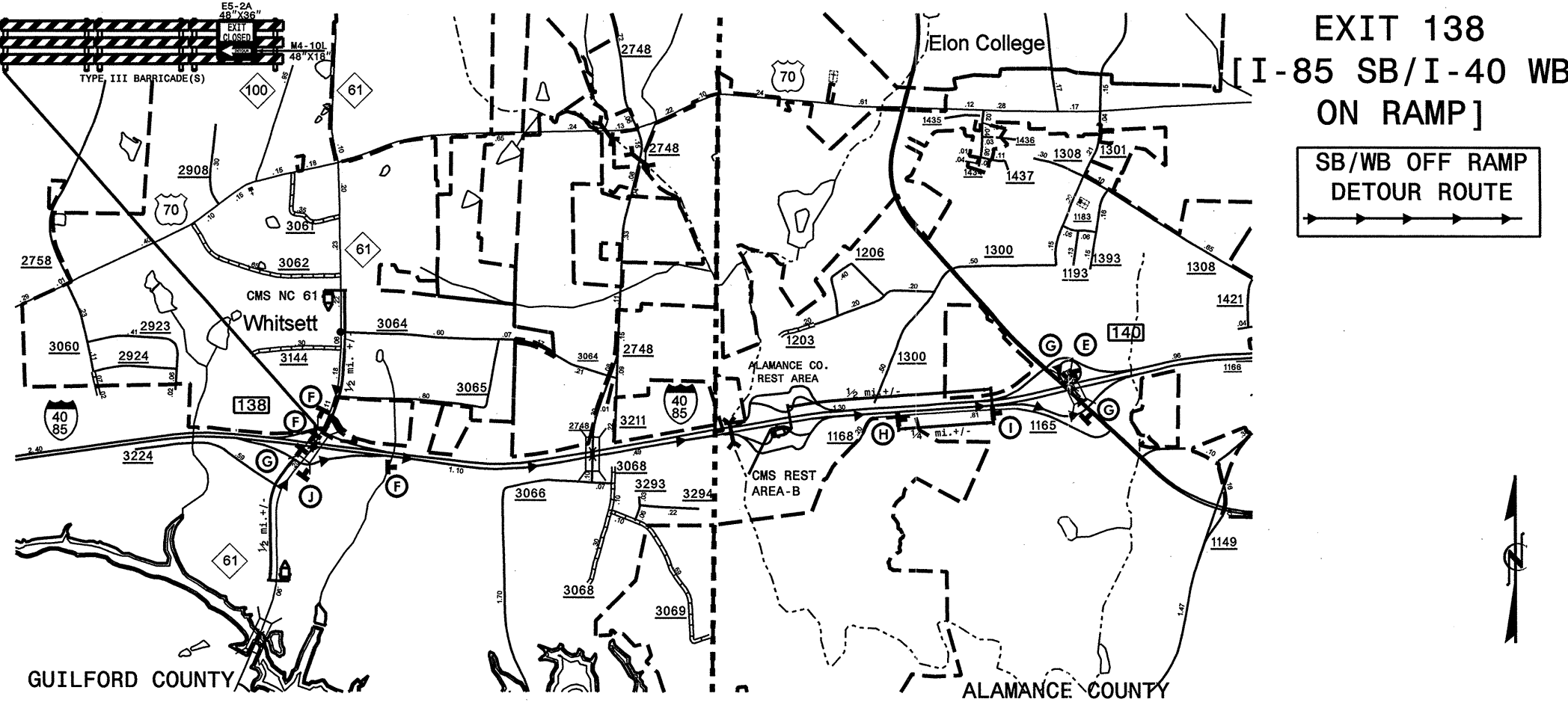
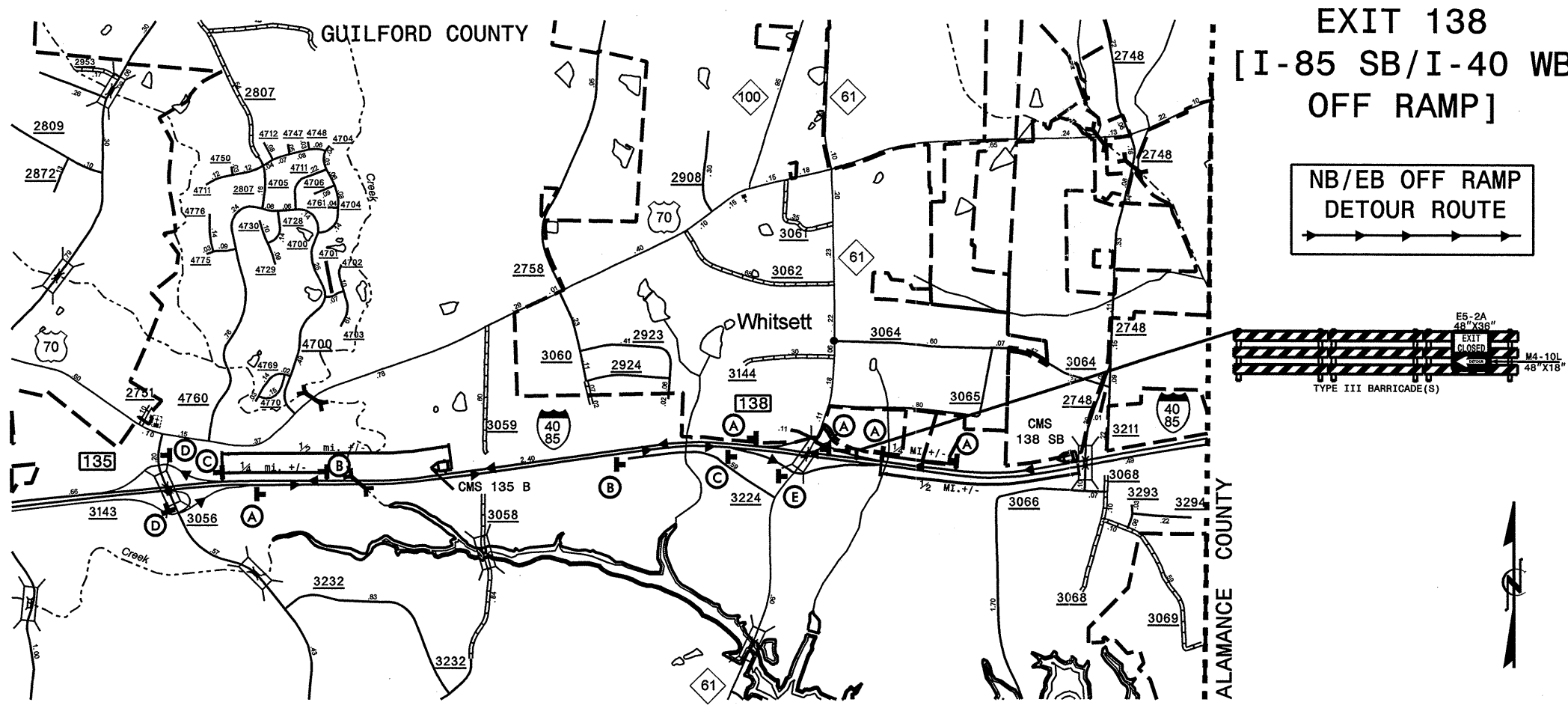
Portable Changeable Message Signs Messages For Closure of Exit 138 On/Off Ramps (I-85 Northbound/I-40 Eastbound and I-85 Southbound/I-40 Westbound)		
	MESSAGE 1	MESSAGE 2
CMS 138 NB ROAD CLOSURE	EXIT 138 CLOSED AHEAD	DETOUR USE EXIT 140
CMS 135 - A ROAD CLOSURE	I-40EB I-85NB	DETOUR NEXT RIGHT
CMS NC 61 ROAD CLOSURE	RAMP CLOSED AHEAD	FOLLOW DETOUR ROUTE
CMS REST AREA - A ROAD CLOSURE	DETOUR NC 61	EXIT 140



EXIT 138
[I-40 EB/I-85 NB
ON RAMP]

EB/NB ON RAMP
DETOUR ROUTE

(A) DETOUR M4-8 24" X 12" NC 61 M4-3 21" X 15"	(B) DETOUR M4-8 24" X 12" NC 61 M5-2 R 21" X 15"	(C) DETOUR M4-8 24" X 12" NC 61 M6-2 21" X 15"	(D) DETOUR M4-8 24" X 12" NC 61 M5-1 21" X 15"
(E) DETOUR M4-8 24" X 12" NC 61 M5-1 R 21" X 15"	(F) END DETOUR M4-8 A 24" X 10" NC 61	(G) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" M4-1 M6-3 21" X 15"	(H) DETOUR M4-8 24" X 12" NORTH M3-1 24" X 12" M4-1 M6-3 21" X 15"
(I) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" M4-1 M5-1 R 21" X 15"	(J) DETOUR M4-8 24" X 12" NORTH M3-1 24" X 12" M4-1 M6-2 21" X 15"	(K) DETOUR M4-8 24" X 12" EAST M3-2 24" X 12" M4-1 M6-1 21" X 15"	(L) DETOUR M4-8 24" X 12" NORTH M3-1 24" X 12" M4-1 M6-1 21" X 15"



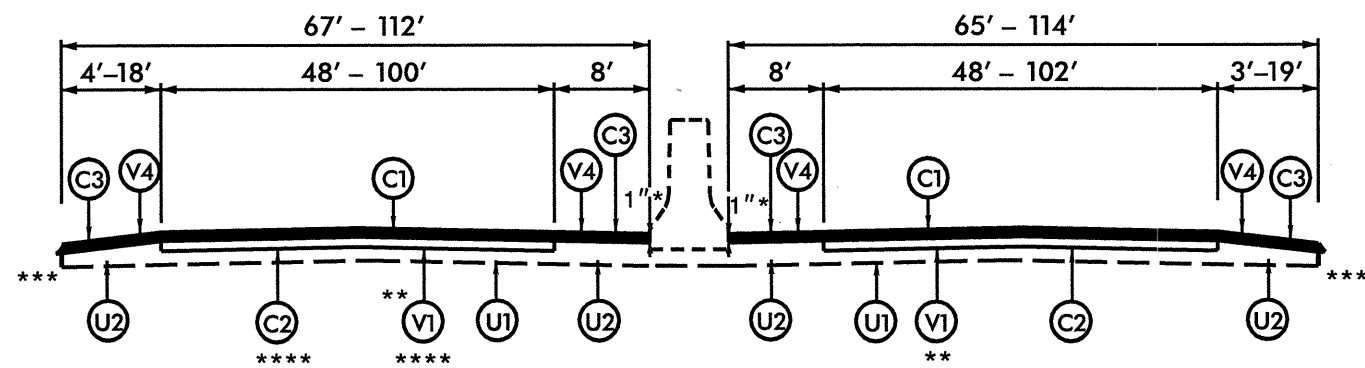
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45056.3.ST1 (I-5118)	3 (DET-1A)	
F.A. PROJ. NO. STM-040-3(123)207			

- Notes:
- Close I 85 Off/On Ramps at same time on the same side of I 85 (Use in conjunction with All Detour Sheets)
 - Using Roadway Standard Drawings and the Intermediate Time Restrictions
 - Place the appropriate signs and traffic control devices
 - Close the I 85 Off/On Ramps as agreed upon with the Engineer, and begin work.
 - Complete all work and remove all signs and traffic control devices.
 - Portable Changeable Message Signs (PCMS) shall be used in combination with portable detour route signs.

Portable Changeable Message Signs Messages For Closure of Exit 138 On/Off Ramps (I-85 Northbound/I-40 Eastbound and I-85 Southbound/I-40 Westbound)		
	MESSAGE 1	MESSAGE 2
CMS 138 SB ROAD CLOSURE	EXIT 138 CLOSED AHEAD	DETOUR USE EXIT 135
CMS 135 - B ROAD CLOSURE	DETOUR NC 61	EXIT 135
CMS NC 61 ROAD CLOSURE	RAMP CLOSED AHEAD	FOLLOW DETOUR ROUTE
CMS REST AREA - B ROAD CLOSURE	I-40 WB I-85 SB	DETOUR NEXT RIGHT

A DETOUR NC 61 ↑	B DETOUR NC 61 ↗	C DETOUR NC 61 ↗	D DETOUR NC 61 ←
E END DETOUR NC 61	F DETOUR WEST 40 ↑	H DETOUR WEST 40 ↗	J DETOUR WEST 40 →
G DETOUR WEST 40 ←	I DETOUR WEST 40 ↗	H DETOUR SOUTH 85 ←	J DETOUR SOUTH 85 ↗
G DETOUR SOUTH 85 ←	I DETOUR SOUTH 85 ↗	H DETOUR WEST 40 ↗	J DETOUR SOUTH 85 ↗

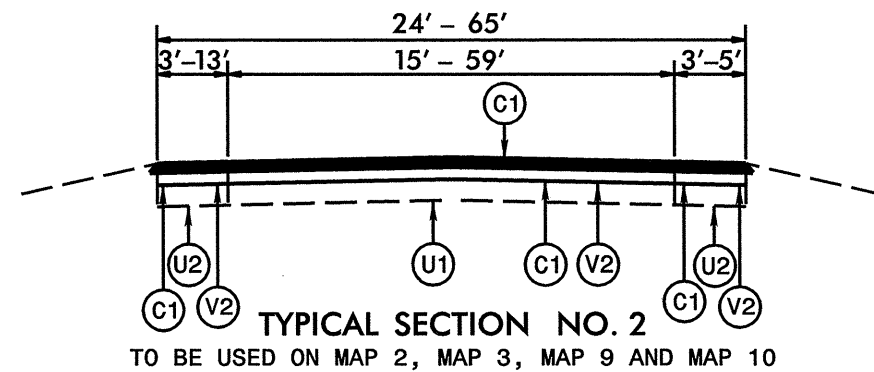
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	45056.3.ST1 (I-5118)	4	
F.A. PROJ. NO. STM-040-3(123)207			



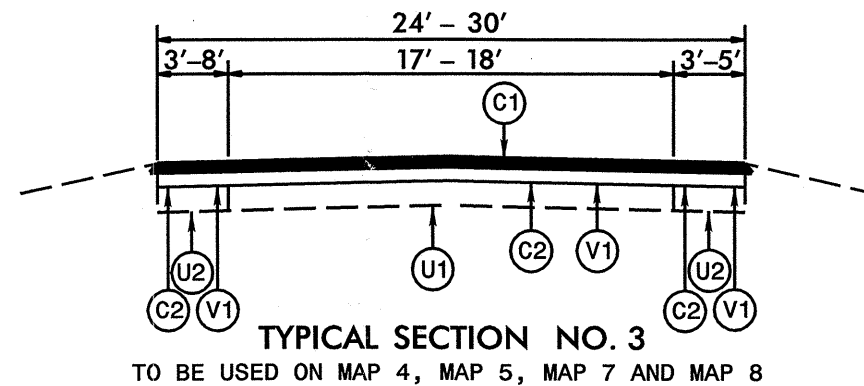
NOTE:
 STA 0+00 EB/NB - STARTS AT PAVEMENT JOINT NORTH OF SR 3056 (ROCK CREEK DAIRY RD.)
 STA 0+00 WBSB - STARTS AT NEW PAVEMENT JOINT APPROX. 0.292 MILES NORTH OF THE ALAMANCE COUNTY REST AREA OFF RAMP.

TYPICAL SECTION NO. 1
 TO BE USED ON MAPS 1 AND 6

- * TAPER PAVED SHOULDER TO 1" DEPTH AT MEDIAN BARRIER WALL AND AT EARTH SHOULDER.
- ** V1 - MILL TRAVEL LANES ONLY, DO NOT MILL SHOULDERS
- *** CONCRETE EXPRESSWAY GUTTER OR SHOULDER BERM GUTTER AT VARIOUS LOCATIONS.
- **** V1 & C2- WILL NOT APPLY FROM STA. 187+55 TO STA. 215+85 ON I85SB/I40WB

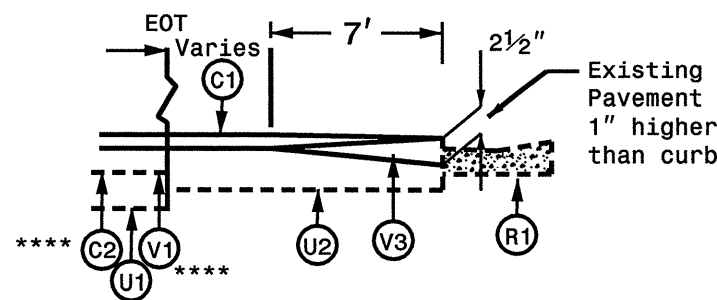


TYPICAL SECTION NO. 2
 TO BE USED ON MAP 2, MAP 3, MAP 9 AND MAP 10



TYPICAL SECTION NO. 3
 TO BE USED ON MAP 4, MAP 5, MAP 7 AND MAP 8

MILLING TYPICAL SECTION 1



TO BE USED IN CONJUNCTION WITH TS # 1

MAP 1
 STA. 47+75 - STA. 51+75
 STA. 69+30 - STA. 74+75
 STA. 178+30 - STA. 181+85

MAP 6
 STA. 35+00 - STA. 38+90
 STA. 101+00 - STA. 105+20
 STA. 165+45 - STA. 170+65
 STA. 188+25 - STA. 193+05
 STA. 206+55 - STA. 211+25

**** V1 & C2- WILL NOT APPLY FROM STA. 187+55 TO STA. 215+85 ON I85SB/I40WB

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 2" ASPHALT CONC. SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C3	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
R1	EXISTING CONCRETE EXPRESSWAY GUTTER OR SHLDR. BERM GUTTER
U1	EXISTING TRAVELWAY.
U2	EXISTING PAVED SHOULDER.

MILLING SCHEDULE

V1	MILLING BITUMINOUS PAVEMENT, 2" DEPTH.
V2	MILLING BITUMINOUS PAVEMENT, 1½" DEPTH.
V3	MILLING BITUMINOUS PAVEMENT, 0 - 2½" DEPTH.
V4	MILLED RUMBLE STRIP. use in conjunction with Standard Drawing # 665.01

PROJECT NO.	SHEET NO.	TOTAL NO.
45056.3.ST1 (I-5118)	5	
F.A. PROJ. NO. STM-040-3(123)207		

SUMMARY OF QUANTITIES

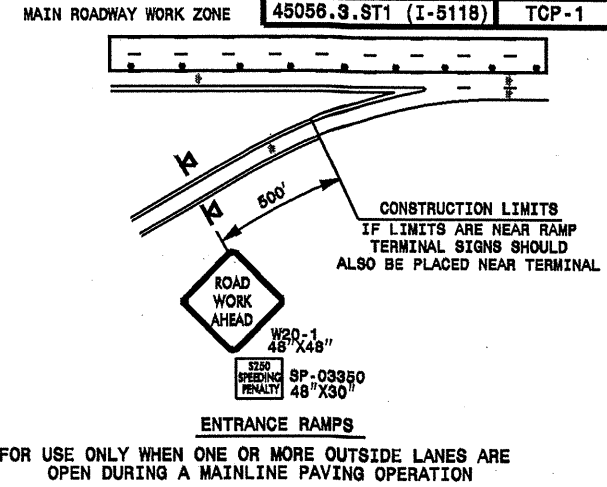
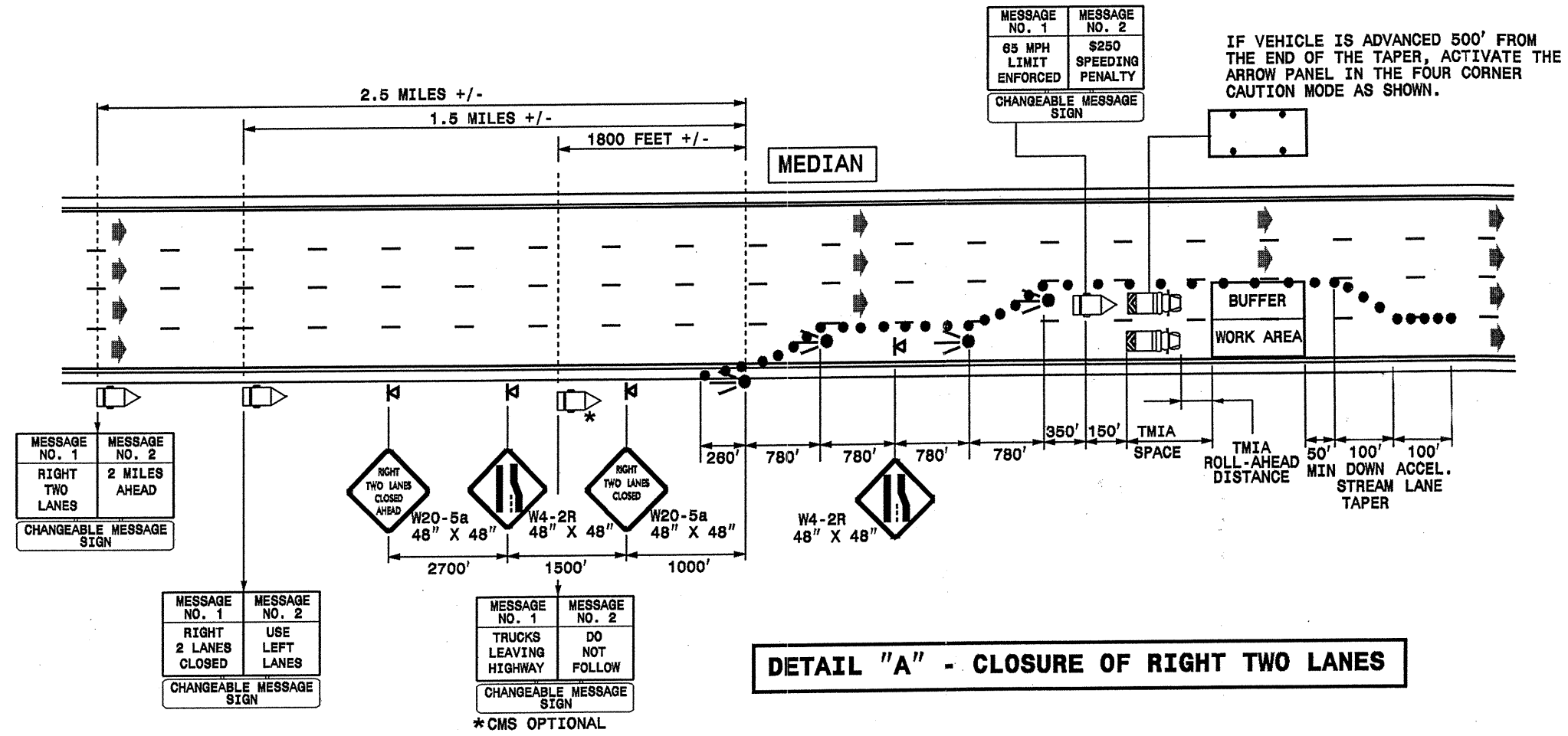
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH	WIDTH	INCIDENTAL STONE BASE	MILLING ASPHALT PAVEMENT, 2" DEPTH	1 1/2" MILLING	0" TO 2.5" MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5D	PG 64-22 PLANT MIX	PG 76-22 PLANT MIX	MILLED RUMBLE STRIPS	ADJUSTMENT OF GRATES AND/OR FRAMES ON DROP INLETS	REPAIR OF DROP INLETS	PORTABLE LIGHTING				
						MI	FT	TONS	SY	SY	SY	TONS	TON	TONS	TONS	LF	EA	EA	LS				
45056.3.S T1	Guilford/ Alamance	1	I-85 NB / I-40 EB	FROM PAVEMENT JOINT NORTH OF SR 3056 (ROCK CREEK DAIRY RD) TO APPROX. 1960 FT NORTH OF THE ALAMANCE CO. REST AREA ON RAMP	1	0.904	65 - 67		25,457				852	5,005	51	275	9,546	50	5	*			
						0.076	65 - 67		2,140		312	64	421	4	23	803							
						0.577	67		16,248		423	544	3,194	33	176	6,093							
						0.118	67 - 111		5,504			88	1,083	5	60	1,246							
						0.338	67 - 111		9,518			319	1,872	19	103	3,569							
						0.053	67 - 103		2,332			40	458	2	25	560							
						0.175	77		6,057			156	1,190	9	65	1,848							
						0.071	67 - 77		2,228			65	439	4	24	750							
						0.911	67		25,654			859	5,044	52	277	9,620							
						0.047	67 - 71		1,475			36	290	2	16	496							
						0.096	71		3,323			57	654	3	36	1,014							
						0.010	71 - 79		370			6	73	0	4	106							
						0.067	79 - 114		3,321		275	40	654	2	36	708							
						0.021	67 - 114		591			24	116	1	6	222							
						0.312	67 - 102		8,786			294	1,727	18	95	3,295							
						0.041	70 - 102		1,804			22	355	1	20	433							
						0.247	70		8,549			135	1,680	8	92	2,608							
0.010	70 - 77		346			7	68	0	4	106													
0.073	69 - 77		2,334			67	460	4	25	771													
TOTAL FOR MAP NO. 1						4.147		0	126,037	0	1,010	3,675	24,783	218	1,362	43,794	50	5	1				
"	"	2	I-85 NB / I-40 EB OFF RAMP	RAMP TO NC 61	2	0.011	26 - 36	81		200			34		2				*				
						0.131	26			1,998			338		19								
						0.003	26 - 40			58			9		1								
						0.011	29 - 65			303			50		3								
TOTAL FOR MAP NO. 2						0.156		81	0	2,559	0	0	431	0	25	0	0	0	1				
"	"	3	I-85 NB / I-40 EB ON RAMP	RAMP FROM NC 61	2	0.008	26 - 40	127		155			23		1				*				
						0.170	26			2,593			371		20								
						0.015	26 - 30			246			36		2								
TOTAL FOR MAP NO. 3						0.193		127	0	2,994	0	0	430	0	23	0	0	0	1				
"	"	4	I-85 NB / I-40 EB OFF RAMP	RAMP TO ALAMANCE CO. REST STOP	3	0.009	27 - 30		150				30		2				1				
"	"	5	I-85 NB / I-40 EB ON RAMP	RAMP FROM THE ALAMANCE CO. REST STOP	3	0.010	24		141				28		2				1				
"	"	6	I-85 SB / I-40 WB	FROM APPROX. 1540 FT. NORTH OF THE ALAMANCE CO. REST AREA OFF RAMP TO A PAVEMENT JOINT APPROX. 4580 FT. SOUTH OF THE NC 61 ON RAMP	1	0.116	67		3,267			109	642	7	35	1,225	50	5	*				
						0.061	67 - 72		1,897		50	374	3	21	644								
						0.116	72		3,981		78	784	5	43	1,225								
						0.012	72		415		8	82	0	4	127								
						0.043	72 - 112		1,791		17	352	1	19	454								
						0.316	67 - 103		8,899		298	1,749	18	96	3,337								
						0.046	76 - 103		2,024		189	33	400	2	22	486							
						0.027	72 - 76		935		111	23	184	1	10	285							
						0.267	72		9,242			173	1,816	10	100	2,820							
						0.114	67 - 72		3,578			92	705	5	39	1,204							
						0.875	67		24,640		329	825	4,844	49	266	9,240							
						0.114	67 - 106		5,083			91	1,000	5	55	1,204							
						0.296	67 - 106		8,335			279	1,639	17	90	3,126							
						0.050	72 - 106		2,244			32	439	2	24	528							
						0.092	72		3,184			60	627	4	34	972							
0.140	67 - 72		4,394			111	866	7	48	1,478													
0.867	67		24,415			402	817	49	264	9,156													
0.536	67					739	505	30	70	5,660													
TOTAL FOR MAP NO. 6						4.088		0	108,324	0	1,770	3,601	22,574	215	1,240	43,171	50	5	1				
"	"	7	I-85 SB / I-40 WB OFF RAMP	RAMP TO THE ALAMANCE CO. REST STOP	3	0.010	26		153				30		2				1				
"	"	8	I-85 SB / I-40 WB ON RAMP	RAMP FROM THE ALAMANCE CO. REST STOP	3	0.011	24 - 25		158				31		2				1				
"	"	9	I-85 SB / I-40 WB OFF RAMP	RAMP TO NC 61	2	0.136	24			1,915			263		14				*				
						0.009	24 - 26			132			18		1								
TOTAL FOR MAP NO. 9						0.145		0		2047		0	281		15								
"	"	10	I-85 SB / I-40 WB ON RAMP	RAMP FROM NC 61	2	0.014	25 - 33	88		238			34		2				*				
						0.121	25			1,775			246		14								
TOTAL FOR MAP NO. 10						0.135		88	0	2,013	0	0	280	0	16	0	0	0	1				
GRAND TOTAL						8.759		296	234,963	9,613	2,780	7,276	48,898	433	2,689	86,965	100	10	1				

PROJECT NO.	SHEET NO.	TOTAL NO.
45056.3.ST1 (I-5118)	6	
F.A. PROJ. NO. STM-040-3(123)207		

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4400000000-E STATIONARY WORK ZONE SIGN SF	4405000000-E PORTABLE WORK ZONE SIGN SF	4410000000-E BARRICADE MOUNTED WORK ZONE SIGN SF	4415000000-N FLASHING ARROW PANELS, TYPE C EA	4420000000-N CHAGEABLE MESSAGE SIGN EA	4430000000-N DRUMS EA	4440000000-E TYPE III BARICADE LF	4480000000-N TMIA EA	4688000000-E 6" X 90 M YELLOW THERMO LF	4690000000-E 6" X 90 M WHITE THERMO LF	4695000000-E 6" X 120 M WHITE THERMO LF	4695000000-E 8" X 90 M WHITE THERMO LF	4700000000-E 12" X 90 M WHITE THERMO LF	4710000000-E 24" X 120 M WHITE THERMO LF	4725000000-E THERMO MERGE LEFT ARROW 90 M EA	4725000000-E THERMO STR ARROW 90 M EA	4815000000-E 6" YELLOW PAINT LF	4815000000-E 6" WHITE PAINT LF	4820000000-E 8" WHITE PAINT LF	4825000000-E 12" WHITE PAINT LF	4835000000-E 24" WHITE PAINT LF	4845000000-N PAINT MERGE LEFT ARROW EA	4845000000-N PAINT STR ARROW EA	4905000000-N SNOW PLOWABLE MARKERS EA	4960000000-N REPLACE- MENT OF EXISTING BARRIER DELINE- ATORS EA		
45056.3.ST1	Guilford / Alamance	1	I85NB/I40EB	FROM PAVEMENT JOINT NORTH OF SR 3056 (ROCK CREEK DAIRY RD) TO APPROX. 1960 FT NORTH OF THE ALAMANCE CO. REST AREA ON RAMP	700	700	100	6	7	600	48	4	21,900	21,950	17,194			2,008		6		21,900	39,144			2,008		6		1,026	300
	"	2	I85NB/I40EB OFF RAMP	RAMP TO NC 61									767	760		211				1	767	760	211			56		1			
	"	3	I85NB/I40EB ON RAMP	RAMP FROM NC 61									1,025	1,025							1,025	1,025									
	"	4	I85NB/I40EB OFF RAMP	RAMP TO ALAMANCE CO. REST STOP									48	48							48	48									
	"	5	I85NB/I40EB ON RAMP	RAMP FROM THE ALAMANCE CO. REST STOP									51	51							51	51									
	"	6	I85SB/I40WB	FROM APPROX. 1540 FT. NORTH OF THE ALAMANCE CO. REST AREA ON RAMP TO A PAVEMENT JOINT APPROX. 4580 FT. SOUTH OF THE NC 61 ON RAMP									21,585	21,605	17,089					6		21,585	38,694			2,395		6	1,043	300	
	"	7	I85SB/I40WB OFF RAMP	RAMP TO THE ALAMANCE CO. REST STOP									53	53							53	53									
	"	8	I85SB/I40WB ON RAMP	RAMP FROM THE ALAMANCE CO. REST STOP									58	58							58	58									
	"	9	I85SB/I40WB OFF RAMP	RAMP TO NC 61									765	765						1	765	765						1			
	"	10	I85SB/I40WB ON RAMP	RAMP FROM NC 61									715	715							715	715									
TOTAL FOR PROJ NO. 45056.3.ST1					700	700	100	6	7	600	48	4	46,967	47,030	34,283	211	4,403	56	12	2	46,967	81,313	211	4,403	56	12	2	2,069	600		
													93,997							14		128,280					14				
GRAND TOTAL					700	700	100	6	7	600	48	4	46,967	47,030	34,283	211	4,403	56	12	2	46,967	81,313	211	4,403	56	12	2	2,069	600		
													93,997							14		128,280					14				

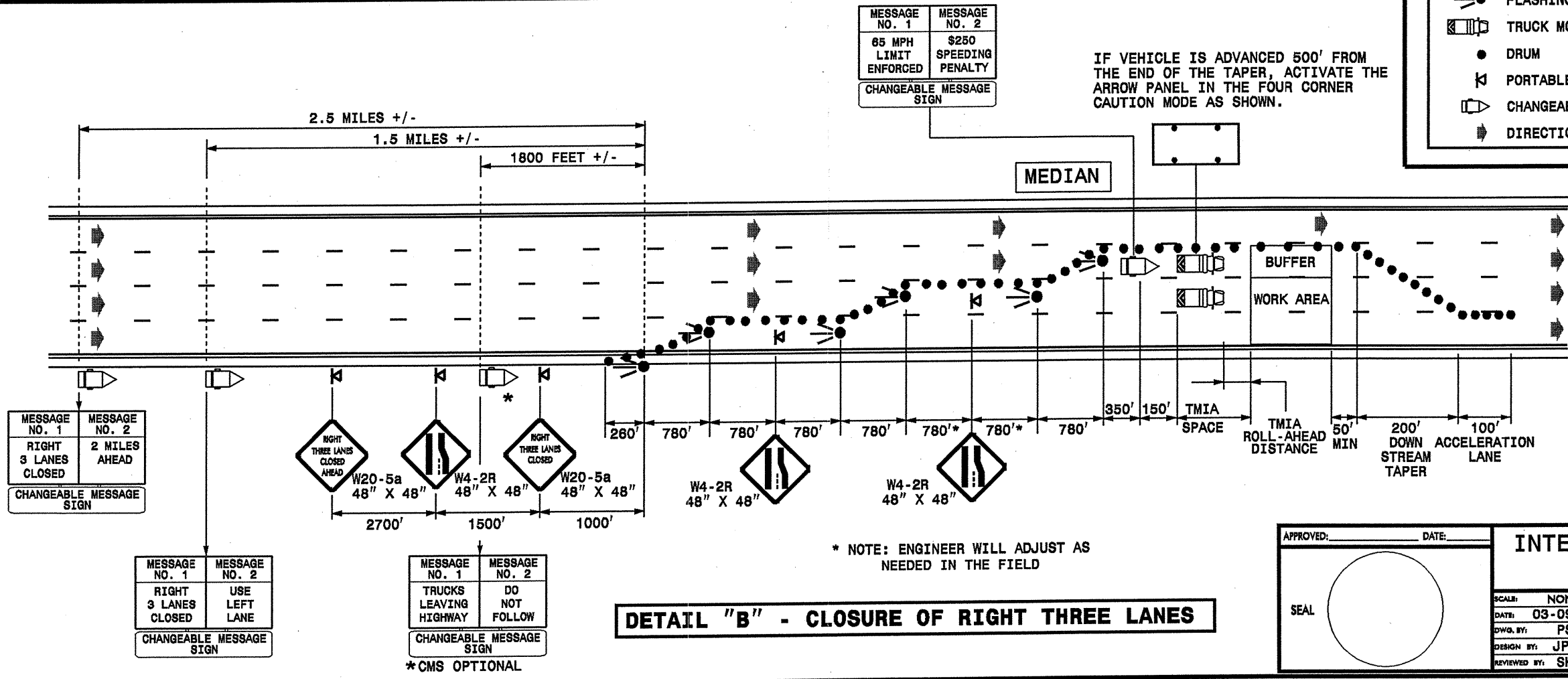
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GENERAL NOTES

- 1-Refer to Notes on Rdwy Std 1101.02 Sheet 3 of 9.
- 2-Coordinate use of overhead DMSs with the Division.
- 3-Use following configuration for FAP (Flashing Arrow Panel)
- 4-Symbols shown are for Right Lane Closure, use appropriate signs, messages and arrows for Left Lane Closure. Portable CMSs to remain positioned as shown.

- LEGEND**
- FLASHING ARROW PANEL (TYPE C)
 - TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
 - DRUM
 - PORTABLE SIGN
 - CHANGEABLE MESSAGE SIGN (CMS)
 - DIRECTION OF TRAFFIC FLOW



APPROVED:	DATE:	INTERSTATE DUAL/TRIPLE LANE CLOSURE			
SEAL					
SCALE: NONE	DATE: 03-09-06	<table border="1"> <tr> <th>REVISIONS</th> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> </table>	REVISIONS		
REVISIONS					
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REVIEWED BY: SK					