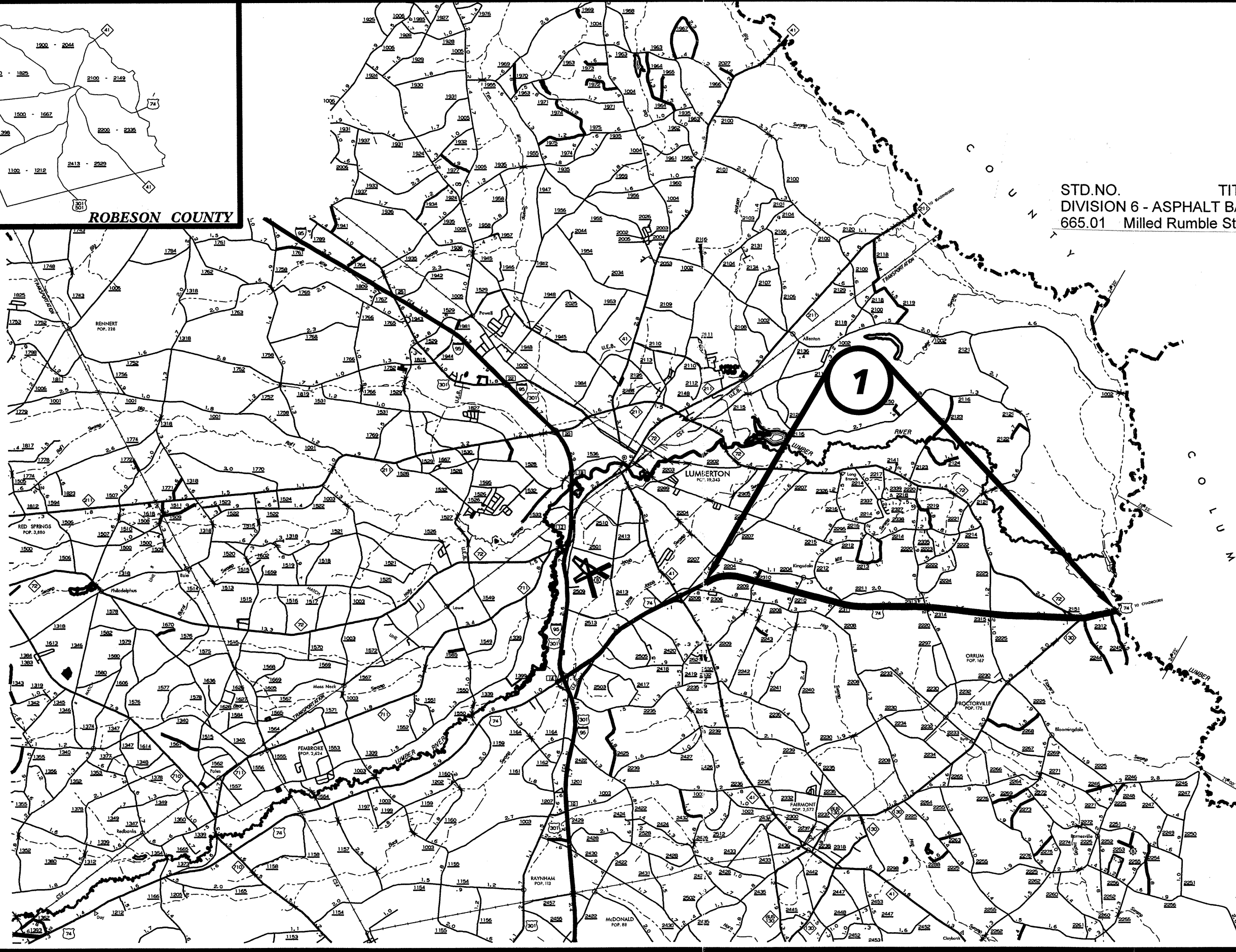


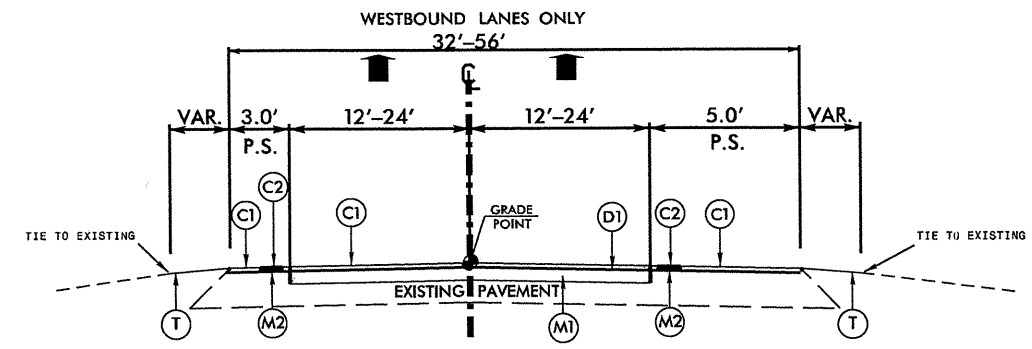
ROBESON COUNTY



STD. NO. DIVISION 6 - ASPHALT BASES AND PAVEMENTS
665.01 Milled Rumble Strips - Asphalt Pavements

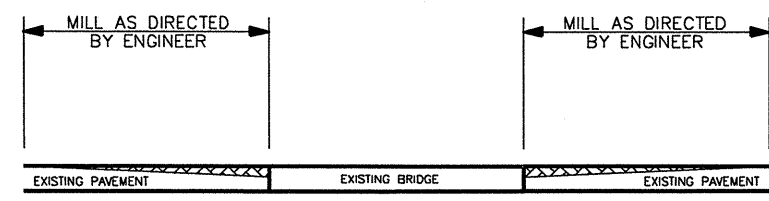


ROBESON COUNTY
RESURFACING



TYPICAL SECTION NO. 1

NOTE: INCLUDES INCIDENTAL MILLING AT THE ENDS OF SECTIONS FOR SMOOTH TIE-INS, CURB RADII, BRIDGE DECKS, AND STREET INTERSECTIONS, AS NEEDED OR AS DIRECTED BY THE ENGINEER. SEE DETAILS 1 & 2.

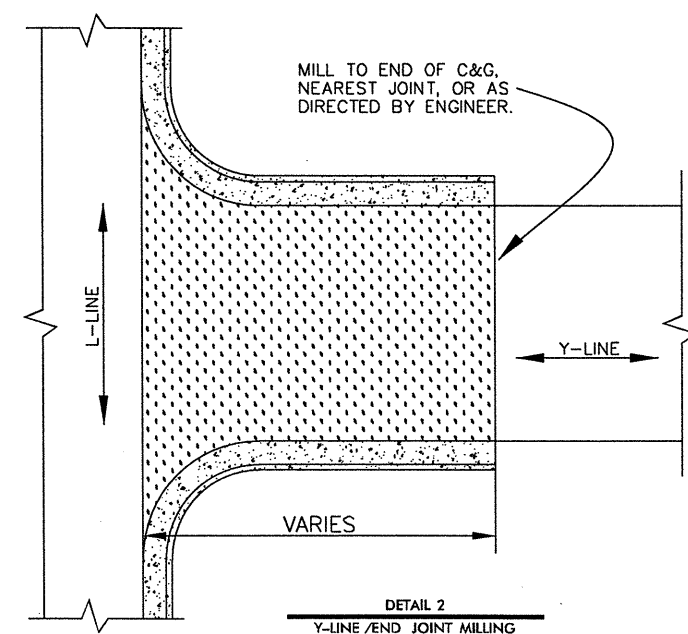


DETAIL 1
MILLING APPROACHES

NOTE: MILLING SHALL BE PERFORMED AT BRIDGES AND RAILROAD APPROACHES AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH DETAIL 1.

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 50 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
M1	MILLING BITUMINOUS PAVEMENT. 2½" DEPTH. TRAVEL LANES ONLY.
M2	MILLING PROPOSED RUMBLE STRIPS IN ACCORDANCES WITH STANDARD DRAWING 665.01.
T	SHOULDER RECONSTRUCTION. TO BE COMPLETED BY STATE FORCES.

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



DETAIL 2
Y-LINE / END JOINT MILLING

NOTE: INCLUDES INCIDENTAL MILLING AT THE ENDS OF SECTIONS FOR SMOOTH TIE-INS, CURB RADII, AND STREET INTERSECTIONS, AS NEEDED, OR AS DIRECTED BY THE ENGINEER.

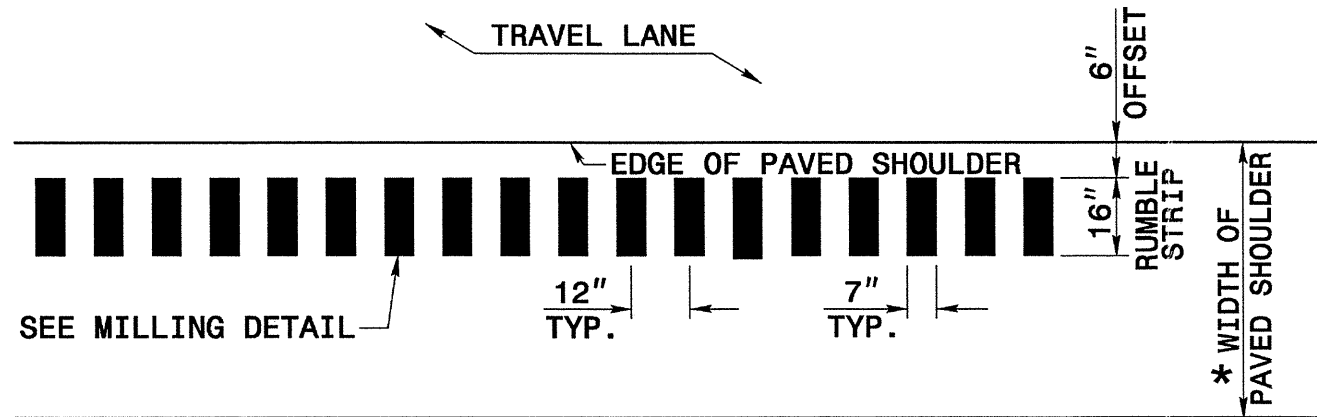
PROJECT NO.	SHEET NO.	TOTAL NO.
6cr.10781.69	3	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	2.5" MILLING SY	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5C TONS	SURFACE COURSE, S4.75A TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE) LF	TRAFFIC CONTROL LS
6cr.10781.69	Robeson	1	US 74 WBL	FROM COLUMBUS COUNTY LINE TO CONST JT EAST OF NC 41	1	YES	10.9	25	261	173,806	1,200	24,774	18,330	254	1,182	1,100	115,104	*
TOTAL FOR MAP NO. 1							10.9		261	173,806	1,200	24,774	18,330	254	1,182	1,100	115,104	1
TOTAL FOR PROJ NO. 6cr.10781.69							10.9		261	173,806	1,200	24,774	18,330	254	1,182	1,100	115,104	1
GRAND TOTAL							10.9		261	173,806	1,200	24,774	18,330	254	1,182	1,100	115,104	1

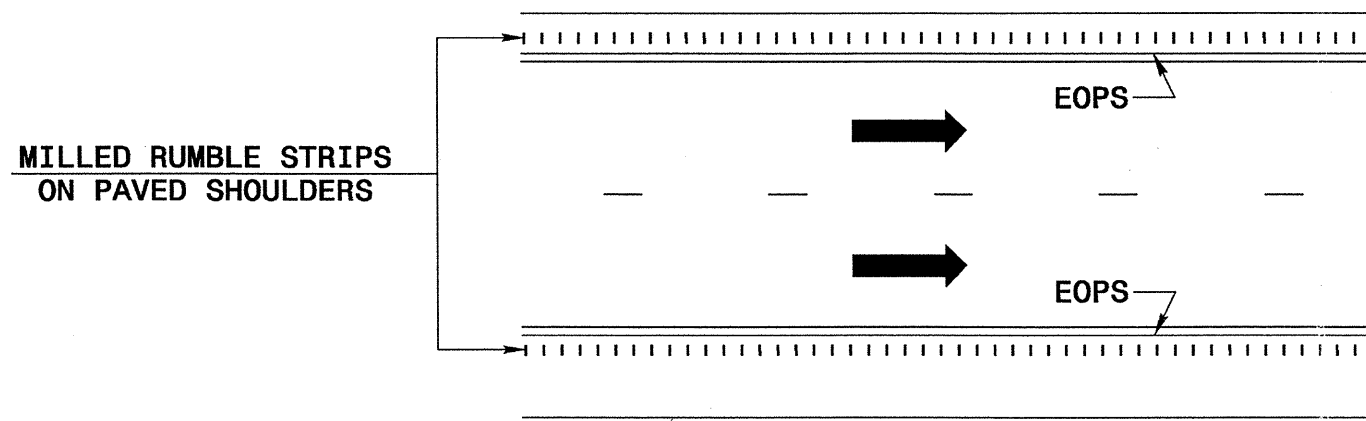
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LENGTH	WIDTH	4688000000-E		4690000000-E	4710000000-E	4725000000-E			4810000000-E		4835000000	4900000000-N		
							6" X 90 M WHITE THERMO LF	6" X 90 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	24" WHITE PAINT LF	CRYSTAL & RED MARKERS EA		
6cr.10781.69	Robeson	1	US 74 WBL	FROM COLUMBUS COUNTY LINE TO NC 41	10.9	25	60,000	60,000	16,500	150	12	9	24	76,500	60,000	150	800		
TOTAL FOR MAP NO. 1					10.9		60,000	60,000	16,500	150	12	9	24	76,500	60,000	150	800		
TOTAL FOR PROJ NO. 6cr.10781.69					10.9		60,000	60,000	16,500	150	12	9	24	76,500	60,000	150	800		
GRAND TOTAL							10.9		60,000	60,000	16,500	150	12	9	24	76,500	60,000	150	800
GRAND TOTAL									120,000				45		136,500				

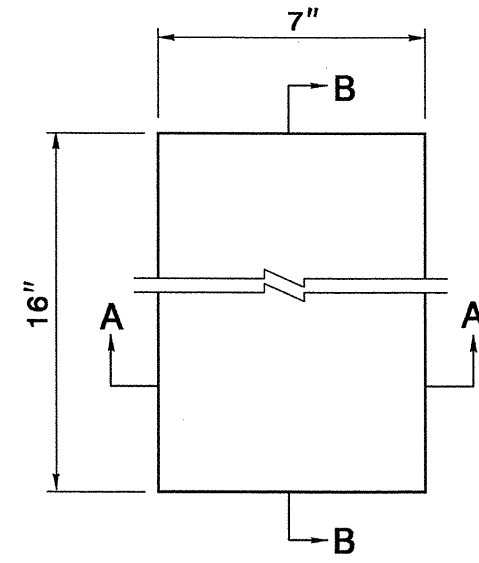


* FOR WIDTHS SEE TYPICAL SECTIONS AND PLAN SHEETS

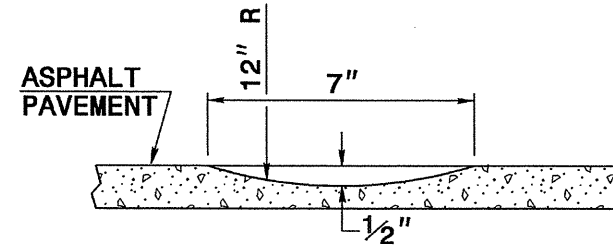
**PLAN VIEW
PAVED SHOULDER**



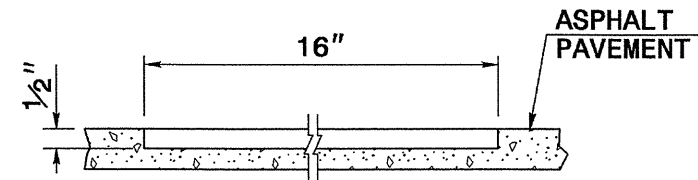
LANE TREATMENT



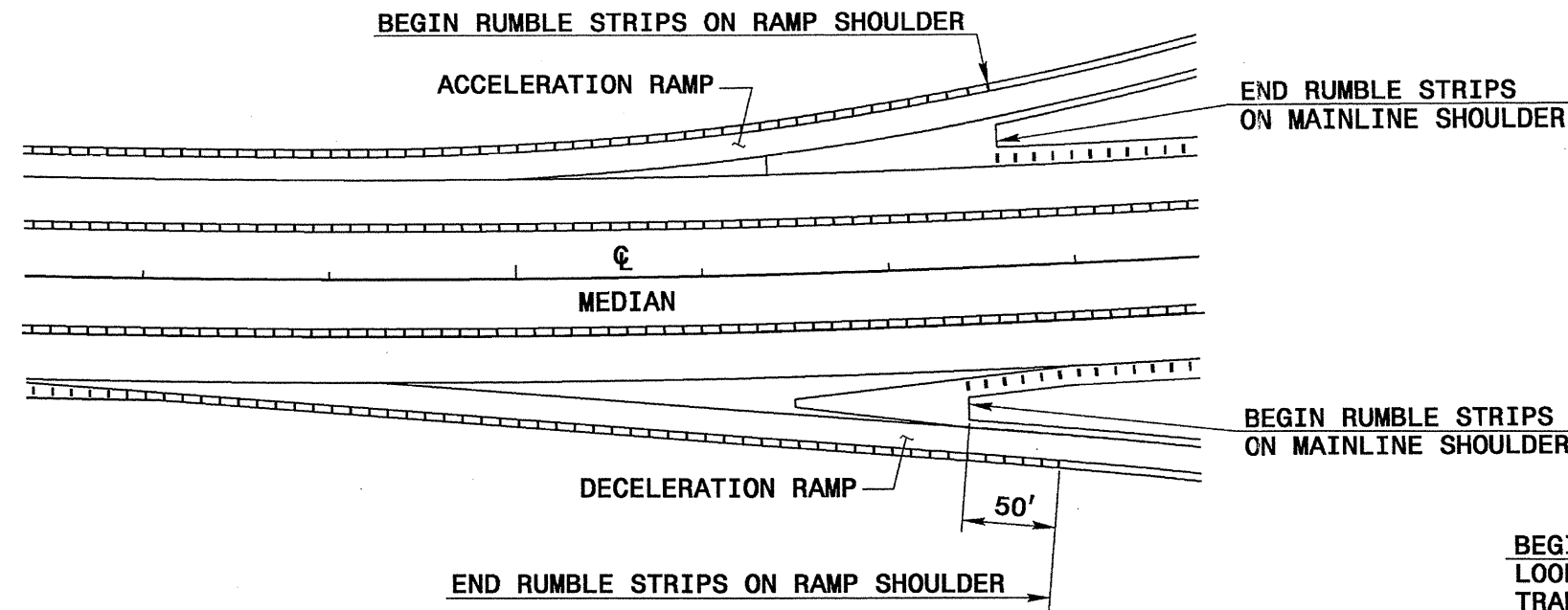
**PLAN VIEW
MILLING DETAIL**



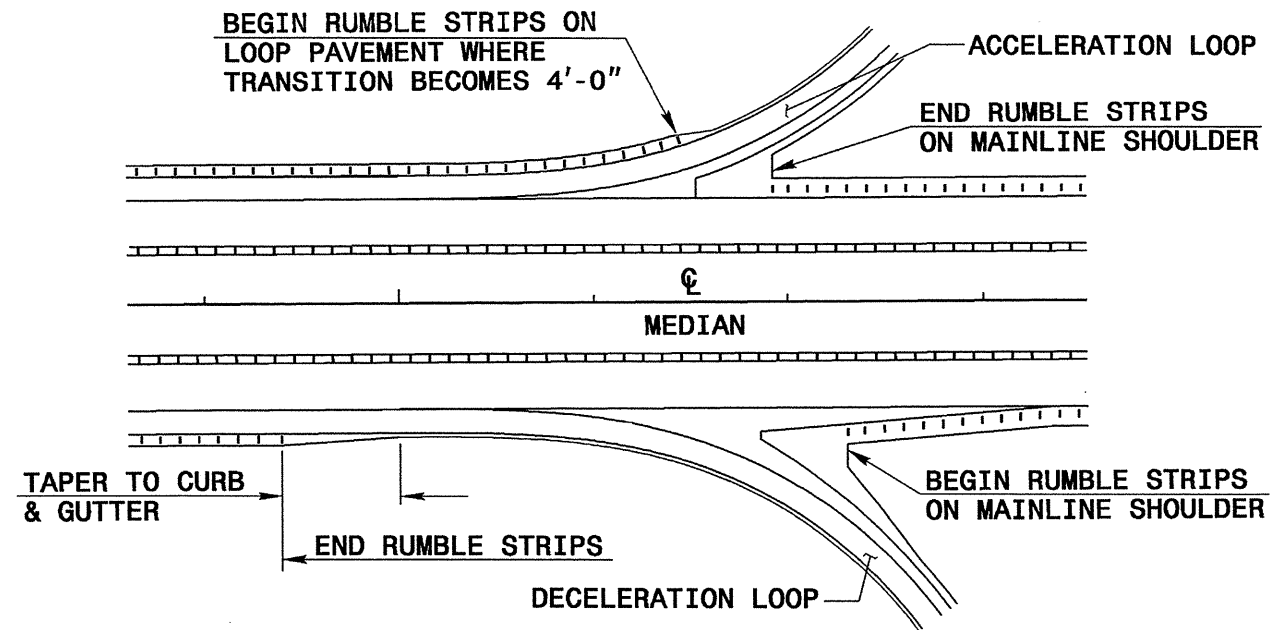
SECTION A-A



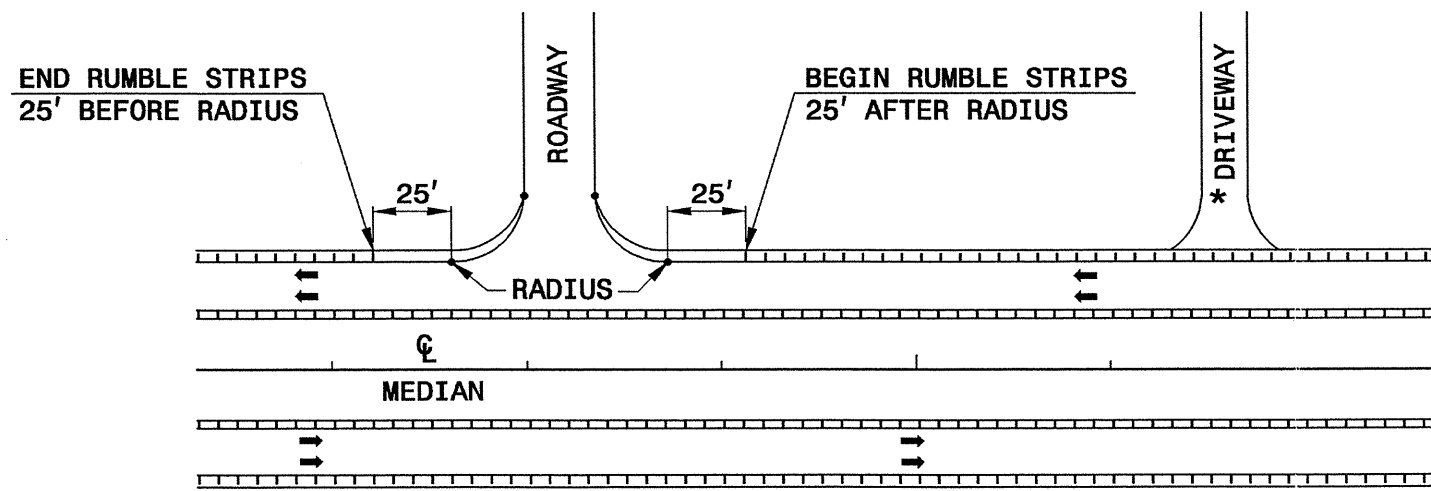
SECTION B-B



TREATMENT AT RAMP TERMINALS



TREATMENT AT LOOP TERMINALS



TREATMENT AT INTERSECTIONS
(ROADWAY OR DRIVEWAY)

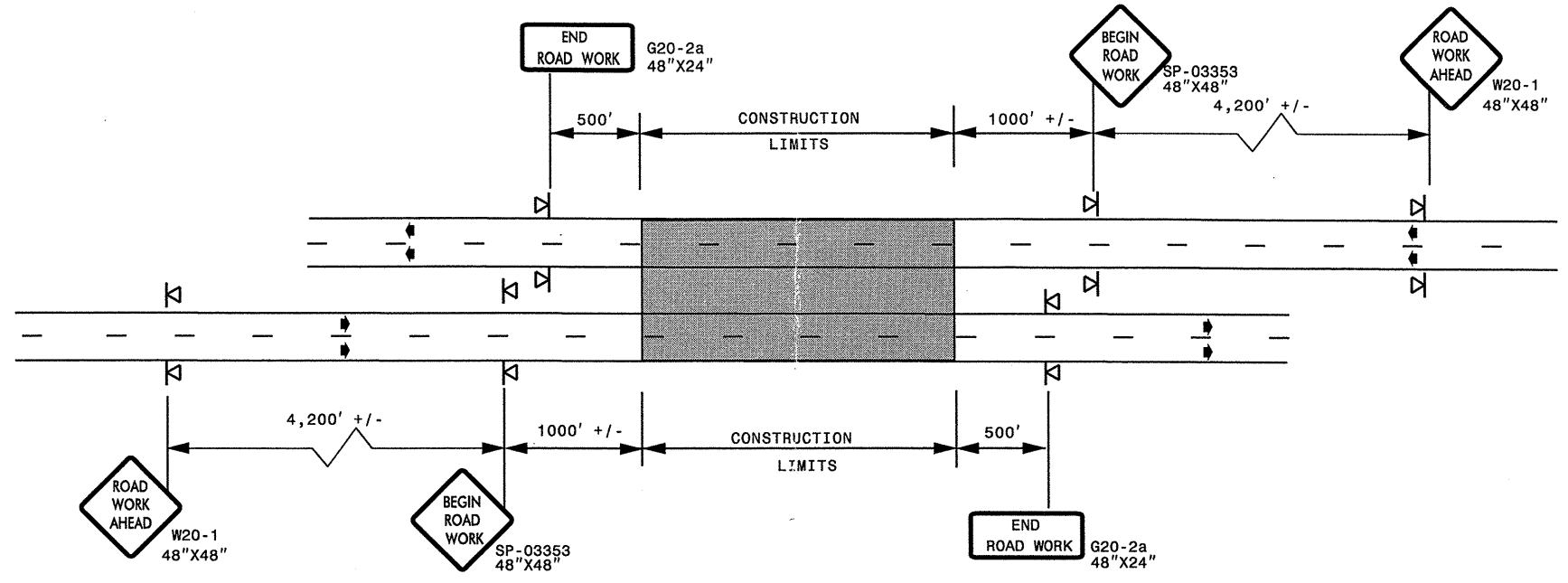
* TERMINATE AT DRIVEWAYS AS DIRECTED BY THE ENGINEER.

20-DEC-2010 14:31 \\DDOT\UP\STATION GROUPS-W\TCCC\M&S Division\Share\Resurfacing\2010\Resurfacing\2010\Eastern\2010\Div06\C202699-RW_6CR.10781.69-freewayesgr eat July 2006.par table.dgn
 GSPatel AT: MZ.124748

PROJ. REFERENCE NO. 6CR.10781.69	SHEET NO. TCP-1
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ADVANCE WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

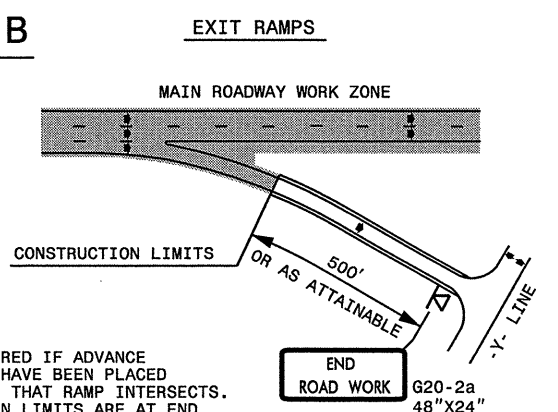
DETAIL A



STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

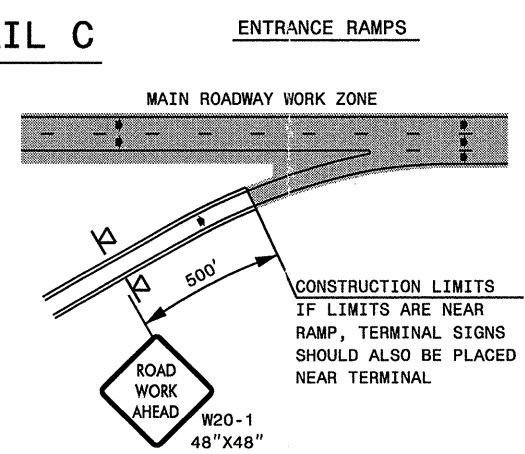
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



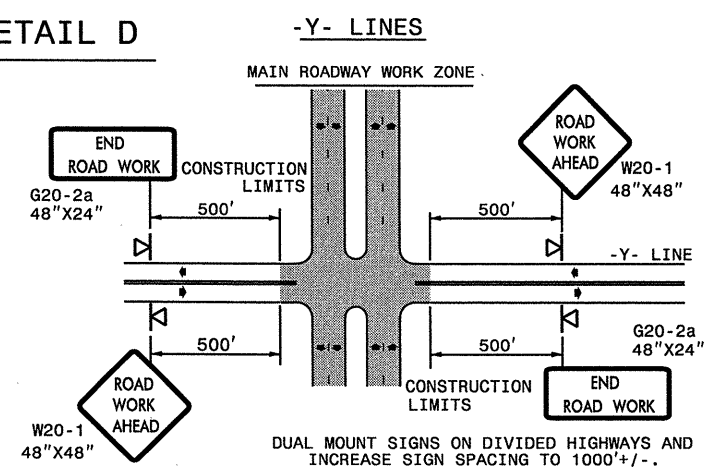
NOTE:
 SIGN NOT REQUIRED IF ADVANCE
 WARNING SIGNS HAVE BEEN PLACED
 ALONG -Y- LINE THAT RAMP INTERSECTS.
 IF CONSTRUCTION LIMITS ARE AT END
 OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



CONSTRUCTION LIMITS
 IF LIMITS ARE NEAR
 RAMP, TERMINAL SIGNS
 SHOULD ALSO BE PLACED
 NEAR TERMINAL

DETAIL D



DUAL MOUNT SIGNS ON DIVIDED HIGHWAYS AND
 INCREASE SIGN SPACING TO 1000'+/-.

**DETAIL DRAWING
 FOR FREEWAYS
 WORK ZONE WARNING SIGNS
 (SHORT-DURATION LANE CLOSURES)**

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND	
◀	PORTABLE SIGN
▶	DIRECTION OF TRAFFIC FLOW

SHEET 1 OF 1

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS										
SEAL 	SCALE: NONE										
	DATE: 12/10		<table border="1"> <tr> <th align="left" colspan="2">REVISIONS</th> </tr> <tr> <td>7-98</td> <td>10/01</td> </tr> <tr> <td>10-98</td> <td>03/04</td> </tr> <tr> <td>01/01</td> <td>11/04</td> </tr> </table>	REVISIONS		7-98	10/01	10-98	03/04	01/01	11/04
	REVISIONS										
	7-98		10/01								
10-98	03/04										
01/01	11/04										
DWG. BY: _____	DESIGN BY: _____										
REVIEWED BY: _____	CADD FILE										