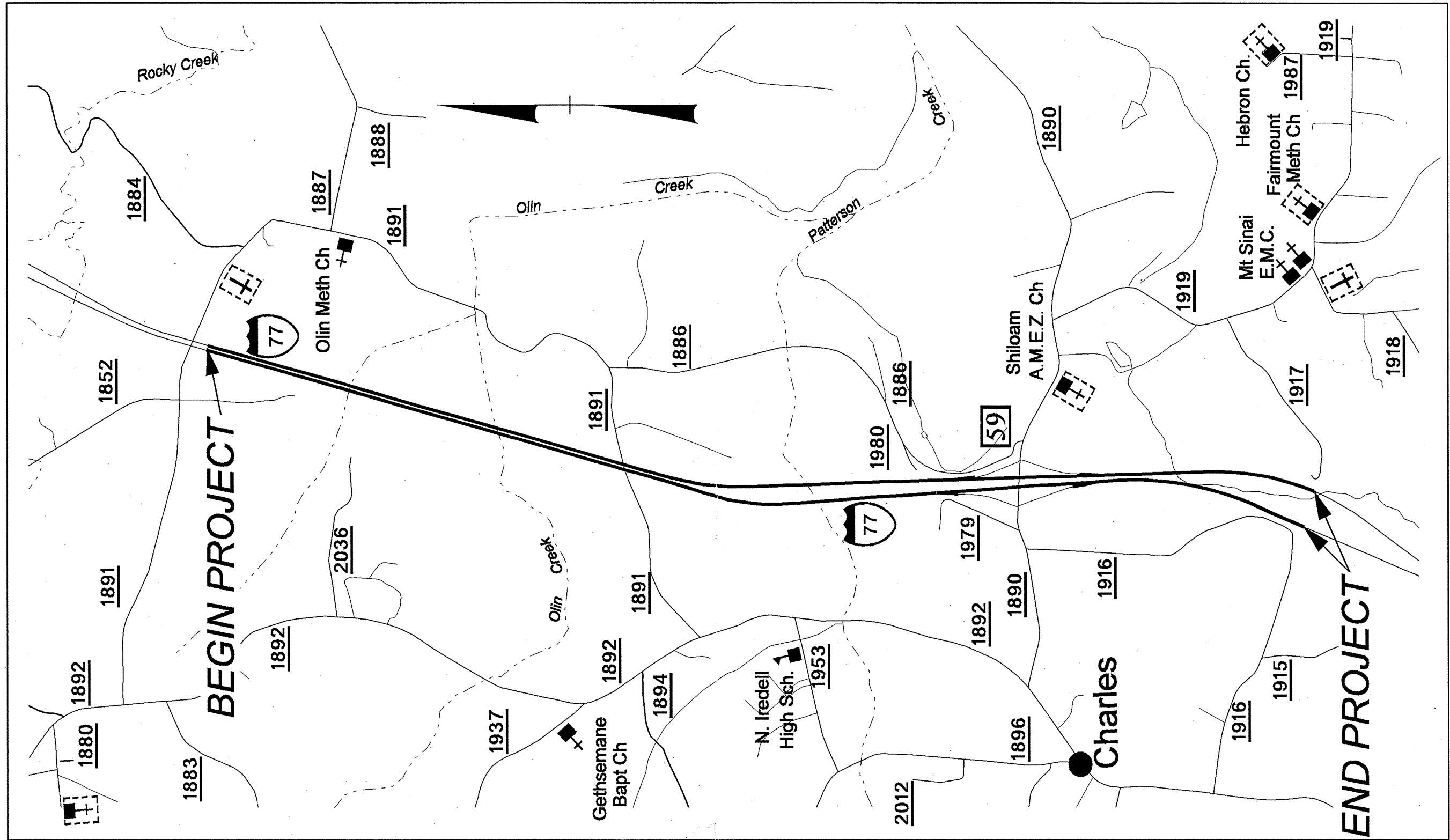
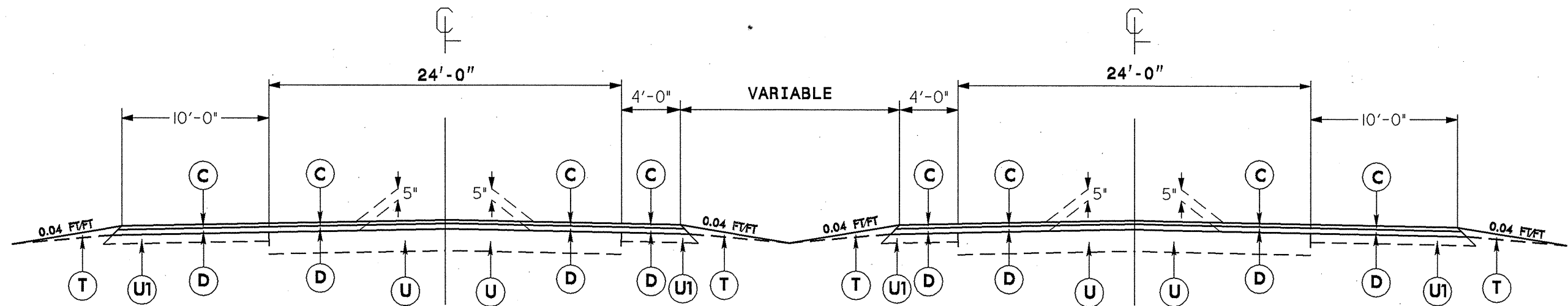


PROJECT I-5106 IREDELL COUNTY





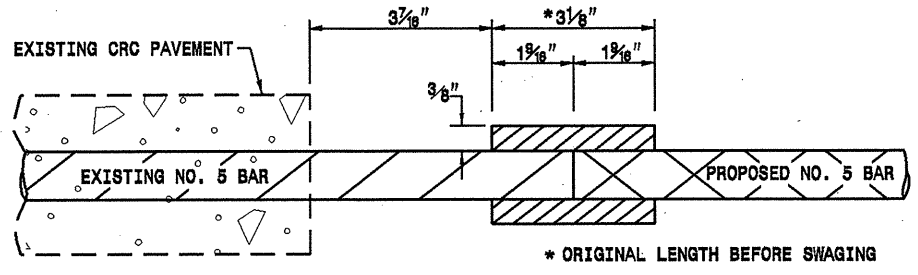
TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1 AS FOLLOWS
FROM MM57.83 TO MM61.74

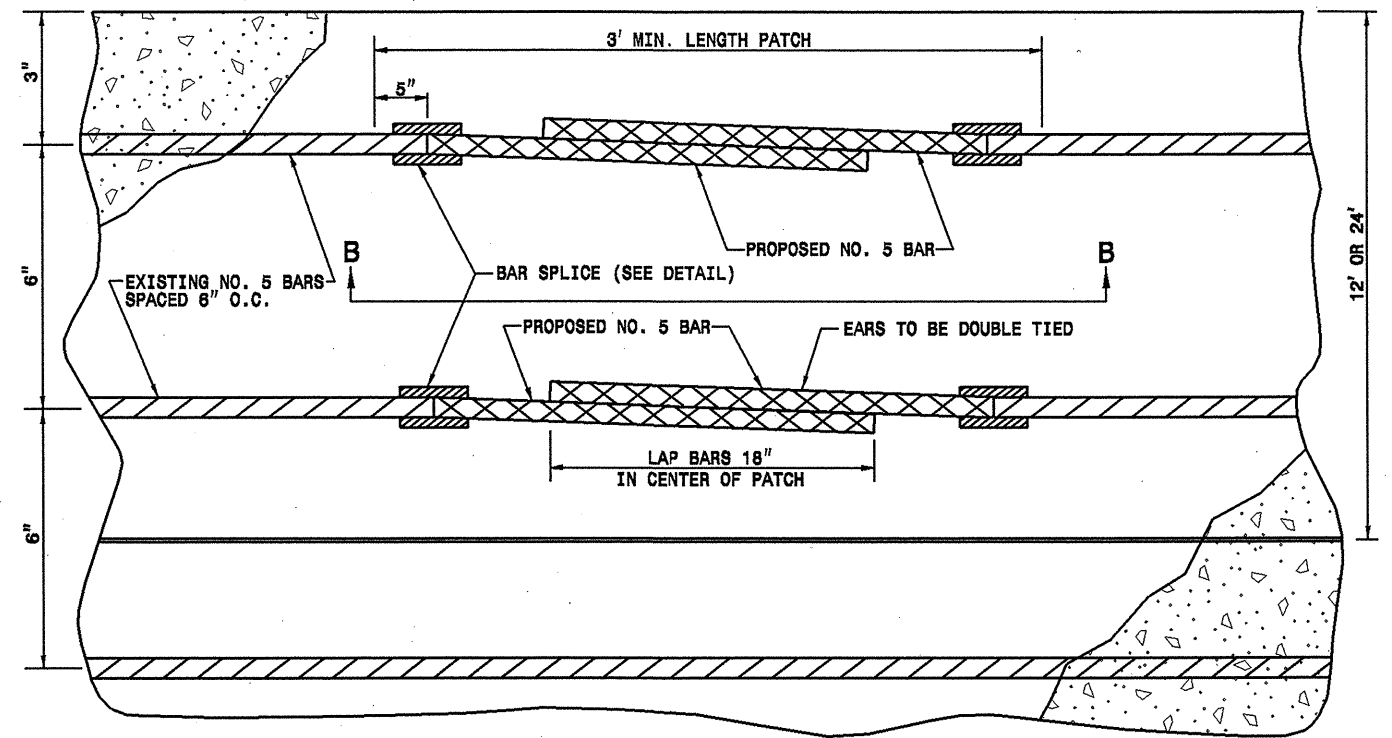
PAVEMENT SCHEDULE	
C	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D	PROP. APPROX. 3 ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
U	EXISTING CONCRETE PAVEMENT.
U1	EXISTING ASPHALT PAVEMENT.
T	EARTH MATERIAL. (SHOULDER RECONSTRUCTION)

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

5/14/99

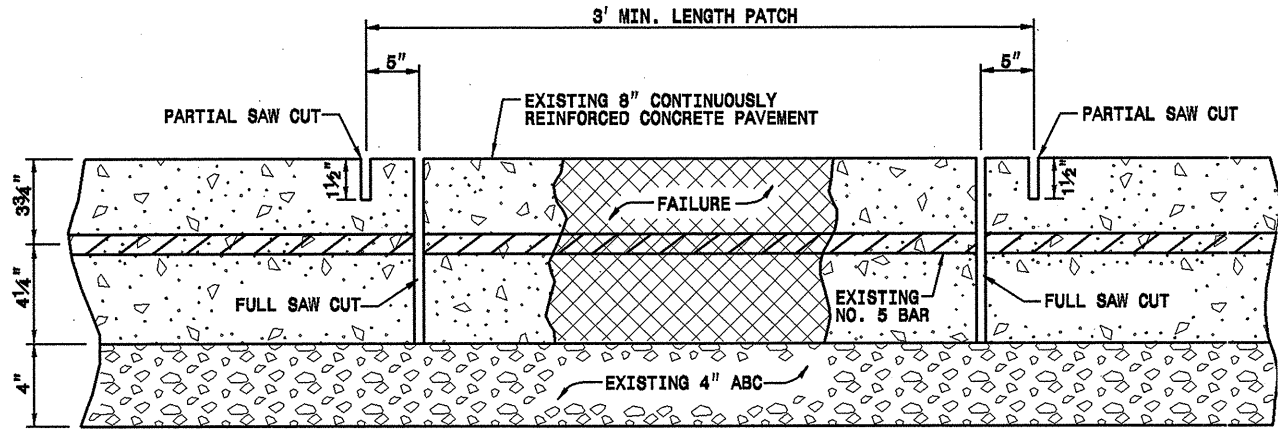


DETAIL OF BAR SPlicing

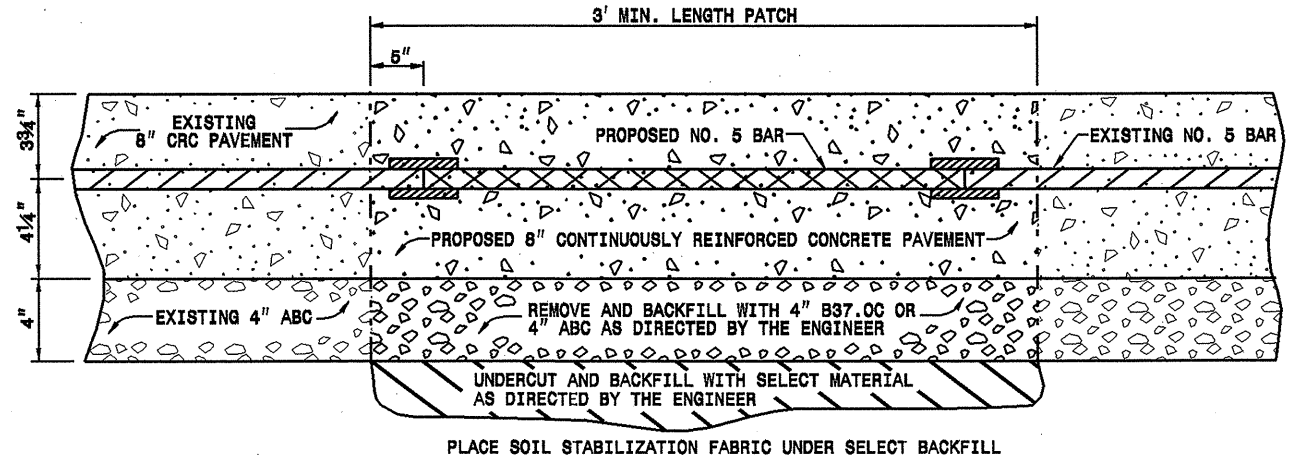


BAR SUPPORTS SHALL BE PLACED ON 5' CENTERS FOR PATCHES GREATER THAN 10' IN LENGTH AND AT CENTER OF PATCH FOR REPAIRS LESS THAN 10'. HEIGHT OF SUPPORTS SHALL BE DETERMINED BY THE CONTRACTOR.

PLAN



DETAIL OF SAW CUTS



SECTION B-B

DETAIL OF CONCRETE PAVEMENT REMOVAL AND REPLACEMENT

PROJECT SERVICES UNIT STANDARDS AND SPECIAL DESIGN Office 818-250-4128 FAX 818-250-4119	
DETAIL FOR REPAIR OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	
ORIGINAL BY: E.E. WARD	DATE: 4-99
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: 0637/usr/details/stand/crcrepair.dgn	

PROJECT NO.	SHEET NO.	TOTAL NO.
I-5106	5	5

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH* FT	AGGREGATE BASE COURSE TONS	SHOULDER RECONSTRUCTION SMI	INTERMEDIATE COURSE, I19.0C TONS	SURFACE COURSE, S9.5D TONS	PG 64-22 PLANT MIX TONS	PG 76-22 PLANT MIX TONS	PATCHING CONCRETE PVMT SPALLS LB	MILLED RUMBLE STRIPS LF	8" CRC REPAIR SY	TRIPLE CORRUG STEEL BEAM GRD RAIL LF	W-TR STEEL BEAM GR TRANSITIONS EA	GR ANCHOR UNITS, TYPE 350 EA	REMOVE & RESET EXIST. GUARDRAIL LF	GUARDRAIL REMOVAL LF	FABRIC FOR SOIL STABILIZATION SY	SEED & MULCHING AC
I-5106	Iredell	1	I-77	I-77 RESURFACING FROM MM 57.83 TO MM 61.74 IREDELL COUNTY	1	3.87	38	1,134	15.50	31,720	20,860	1,491	1,147	25,000	81,740	1,600	400	8	56	7,700	2,100	1,600	10
TOTAL FOR PROJ NO.						3.87		1,134	15.50	31,720	20,860	1,491	1,147	25,000	81,740	1,600	400	8	56	7,700	2,100	1,600	10
GRAND TOTAL						3.87		1,134	15.50	31,720	20,860	1,491	1,147	25,000	81,740	1,600	400	8	56	7,700	2,100	1,600	10

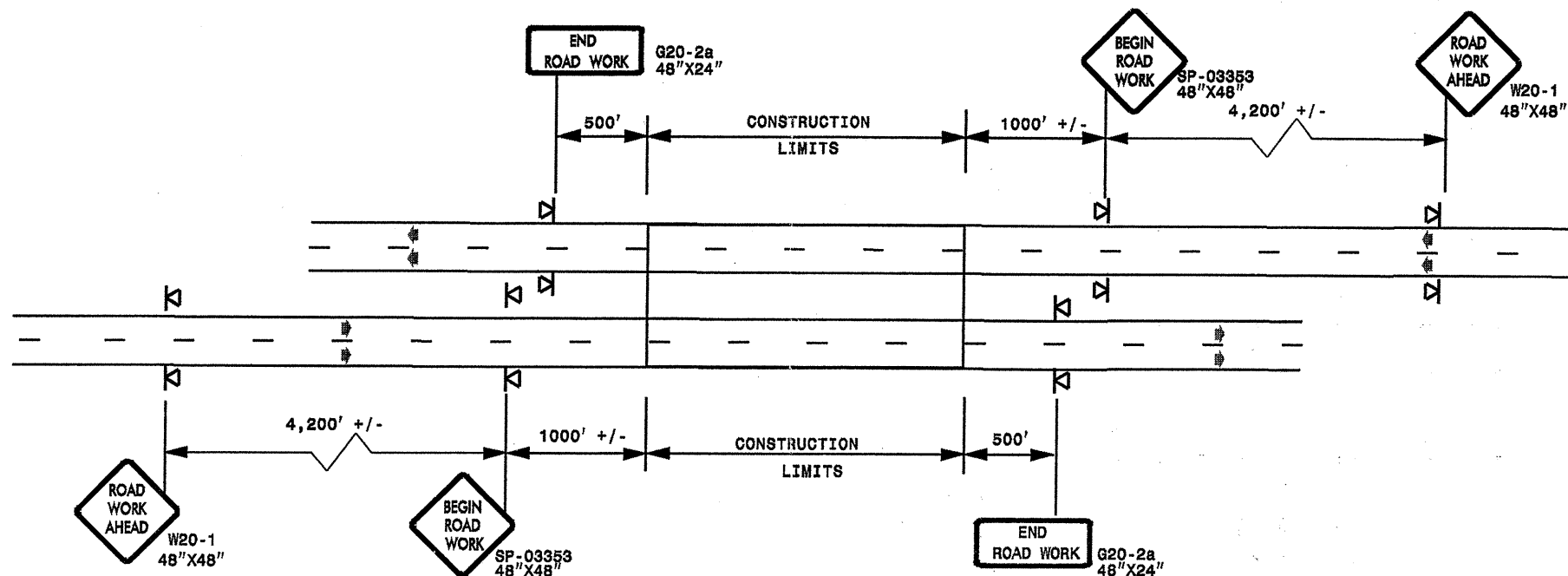
* PAVEMENT WIDTH FOR EACH DIRECTION OF TRAVEL

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4400000000-E	4405000000-E	4415000000-N	4420000000-N	4430000000-N	4480000000-N	4688000000-E		4690000000-E	4700000000-E	4815000000-E		4825000000-E	4905000000-N
					STATIONARY WORK ZONE SIGN SF	PORTABLE WORK ZONE SIGN SF	FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGN EA	DRUMS EA	TMIA EA	6" X 90 M WHITE THERMO LF	6" X 90 M YELLOW THERMO LF	6" X 120 M WHITE THERMO LF	12" X 90 M WHITE THERMO LF	6" WHITE PAINT LF	6" YELLOW PAINT LF	12" WHITE PAINT LF	SNOW PLOWABLE MARKERS EA
I-5106	Iredell	1	I-77	I-77 RESURFACING FROM MM 57.83 TO MM 61.74 IREDELL COUNTY	208	252	1	1	300	1	41,818	41,818	10,942	2,300	79,140	62,727	2,300	702
TOTAL FOR PROJ NO.					208	252	1	1	300	1	41,818	41,818	10,942	2,300	79,140	62,727	2,300	702
GRAND TOTAL					208	252	1	1	300	1	41,818	41,818	10,942	2,300	79,140	62,727	2,300	702

ADVANCE WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

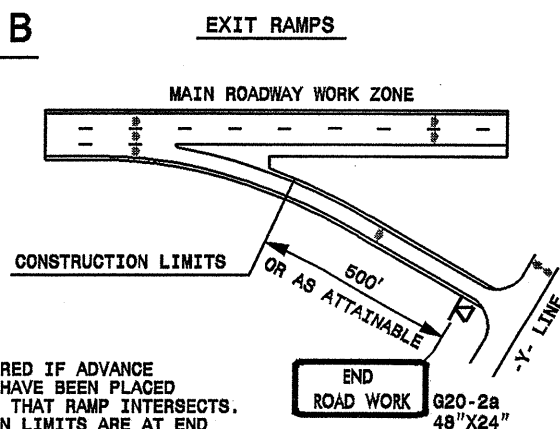
DETAIL A



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

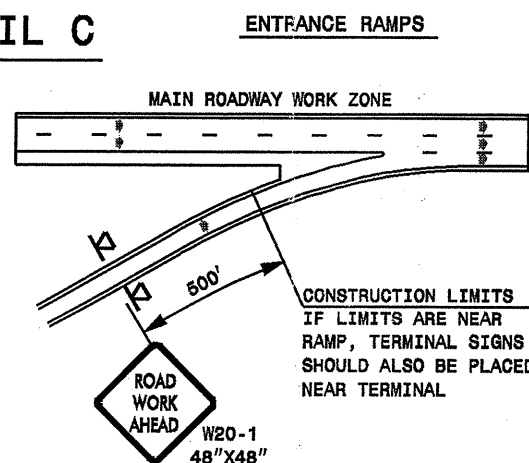
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



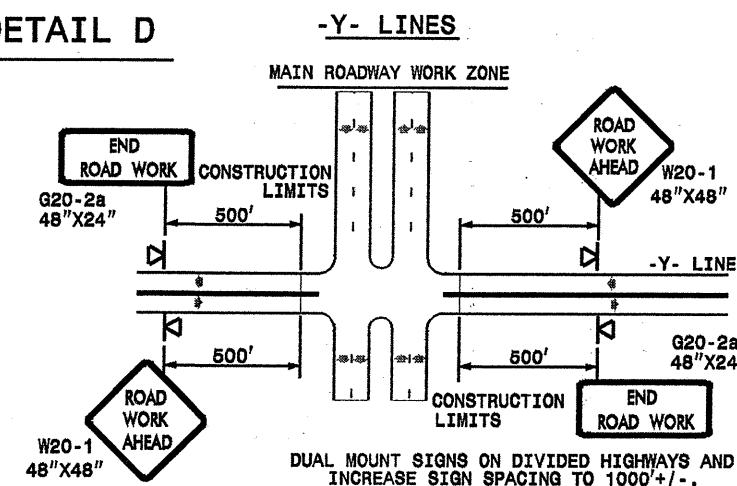
NOTE:
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



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

DETAIL D



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

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

APPROVED: _____	DATE: _____								
SEAL	DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS								
	SCALE: NONE								
	DATE: _____								
	DWG. BY: _____								
DESIGN BY: _____									
REVIEWED BY: _____									
<table border="1"> <tr> <th 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								
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