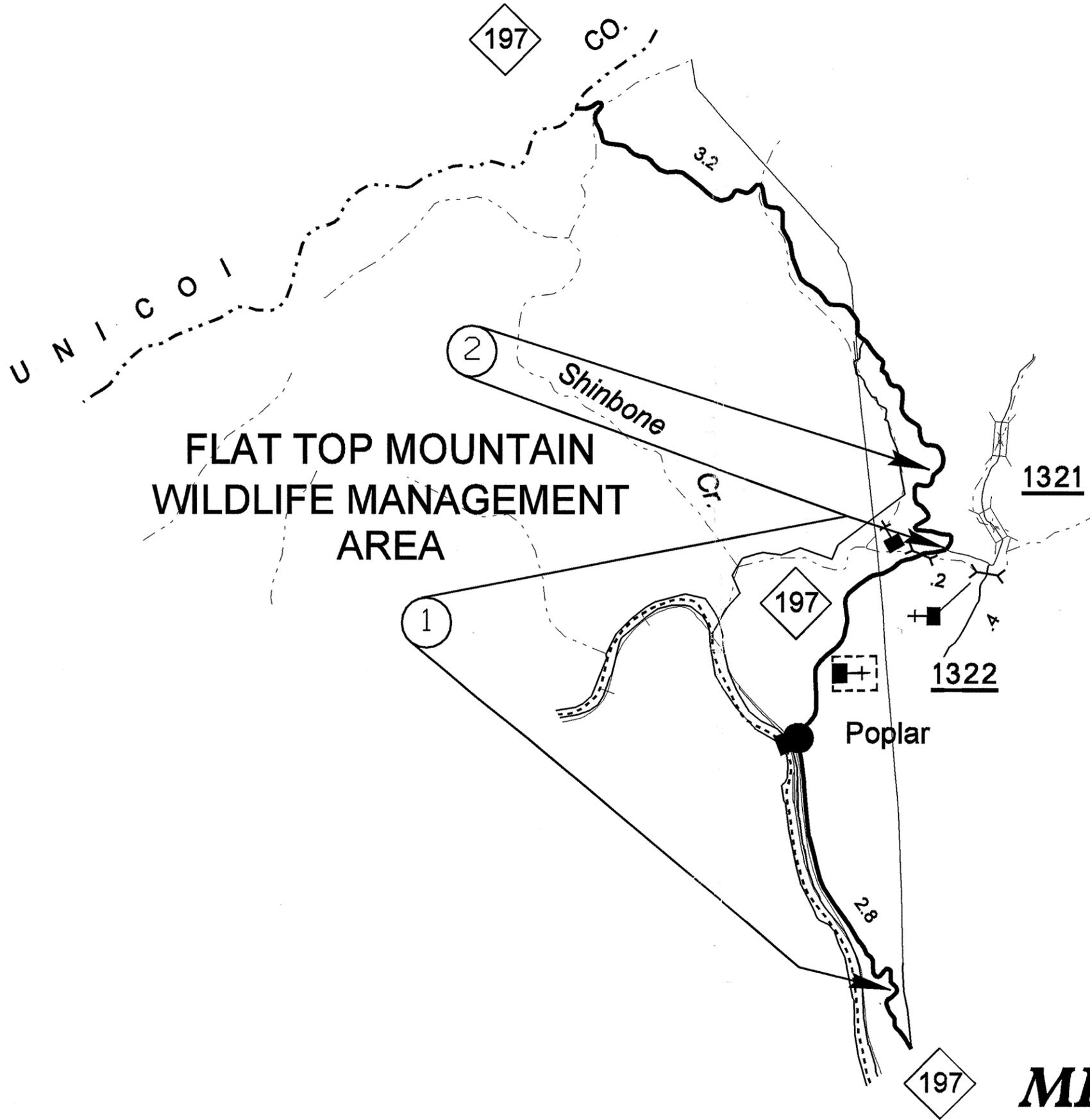


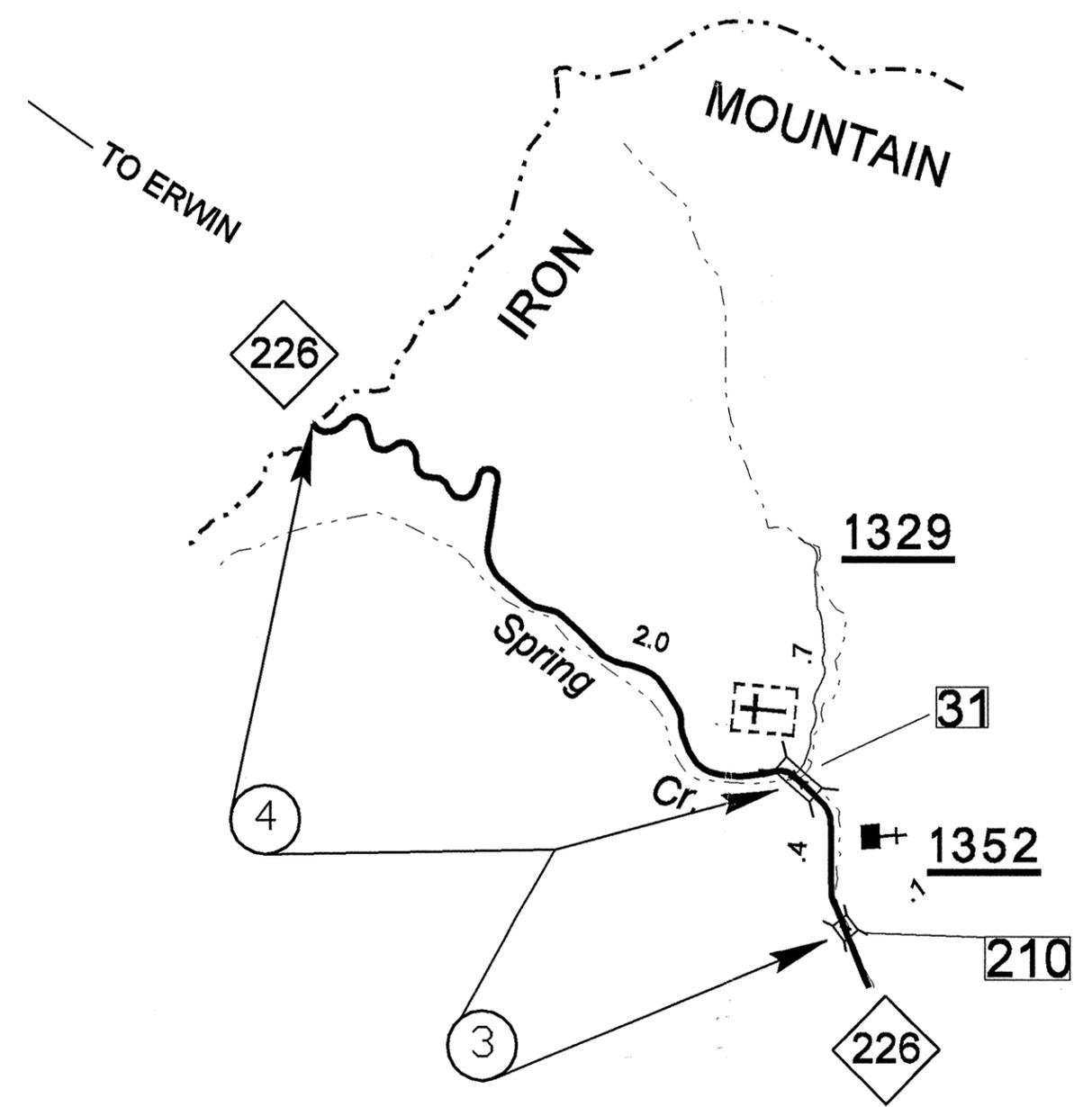
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10611.8, 13CR.20611.7	1	



**FLAT TOP MOUNTAIN
WILDLIFE MANAGEMENT
AREA**

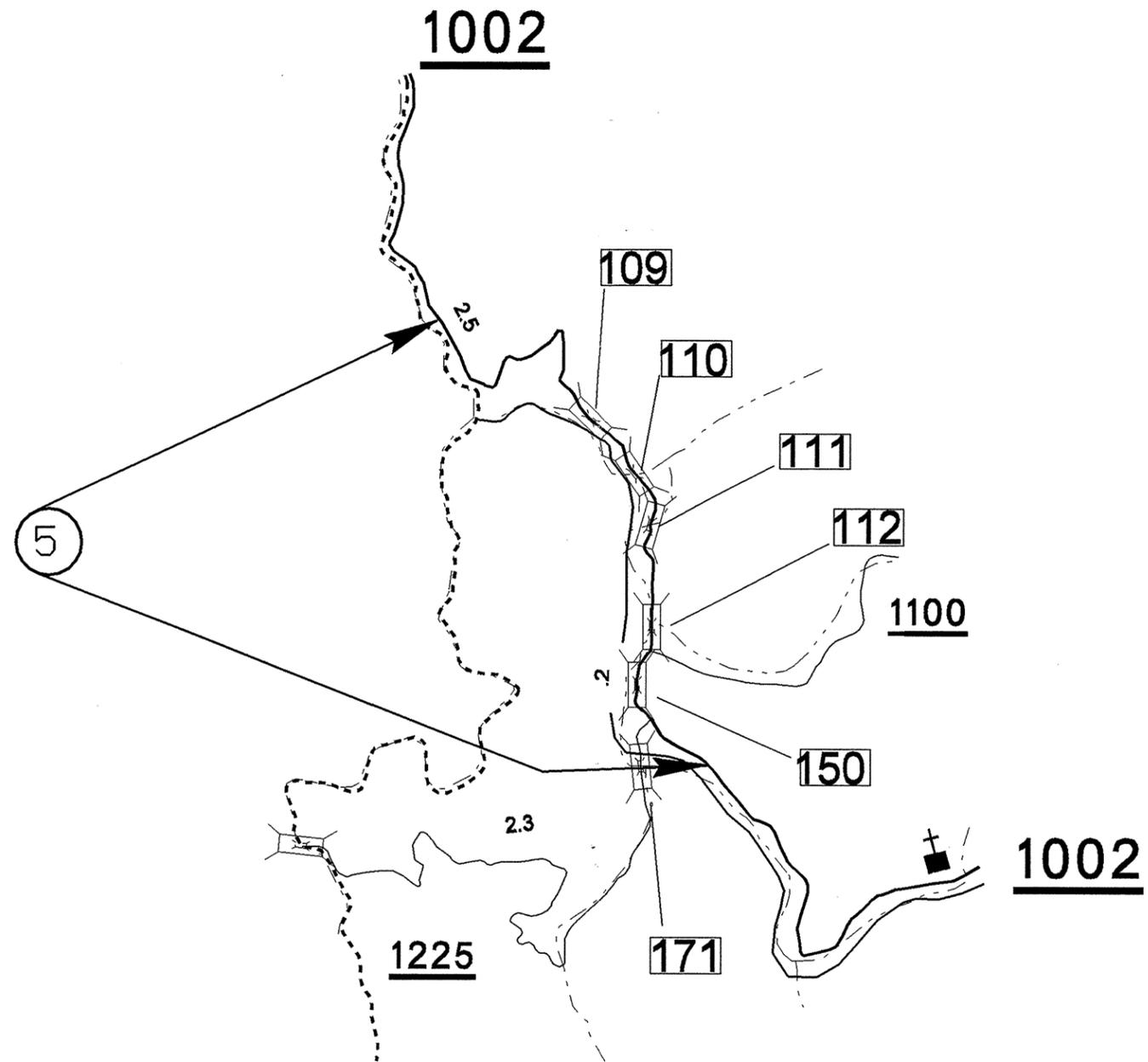
MITCHELL COUNTY

PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10611.8, 13CR.20611.7	2	



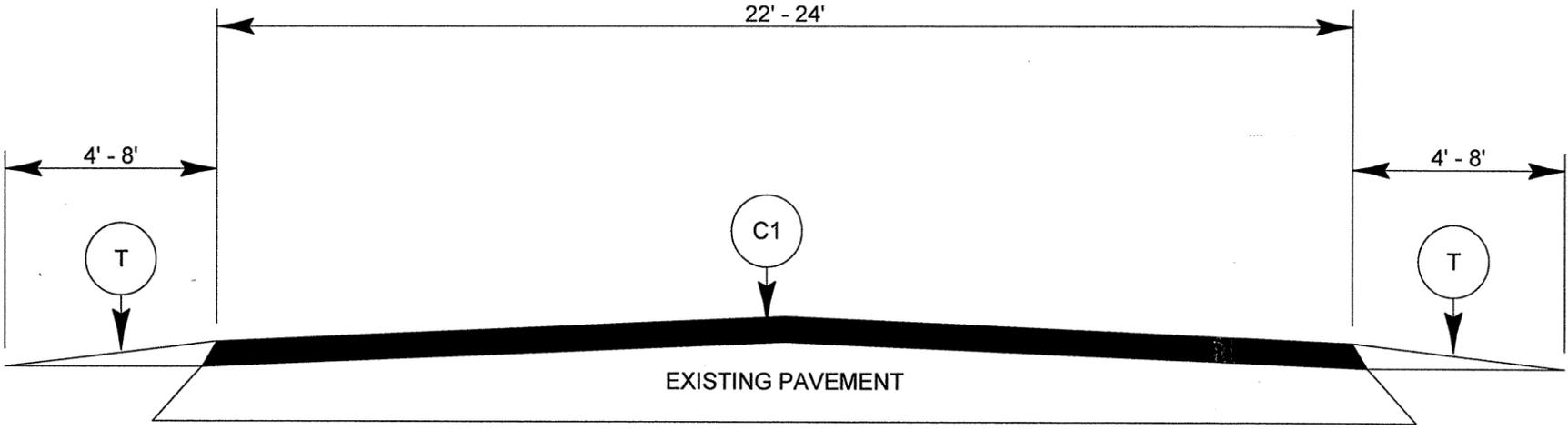
MITCHELL COUNTY

PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10611.8, 13CR.20611.7	3	

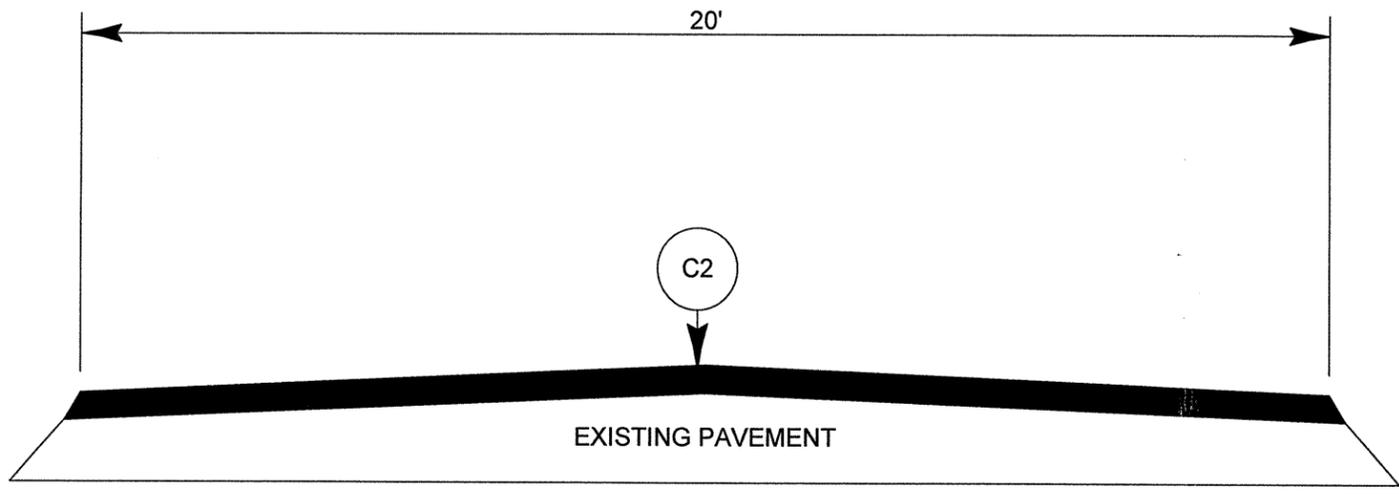


MITCHELL COUNTY

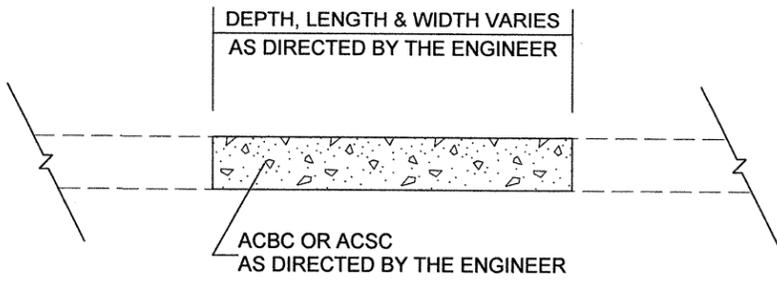
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10611.8, 13CR.20611.7	4	



TYPICAL SECTION NO. 1



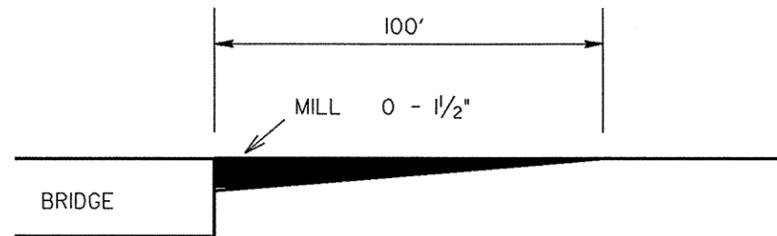
TYPICAL SECTION NO. 2



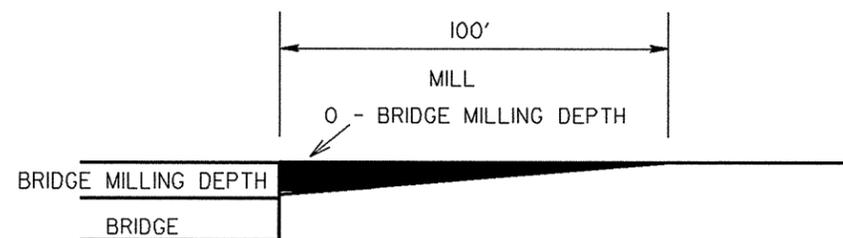
PATCHING EXISTING PAVEMENT

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ACSC, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD
C2	PROP. APPROX. 1 1/2" ACSC, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
T	SHOULDER RECONSTRUCTION

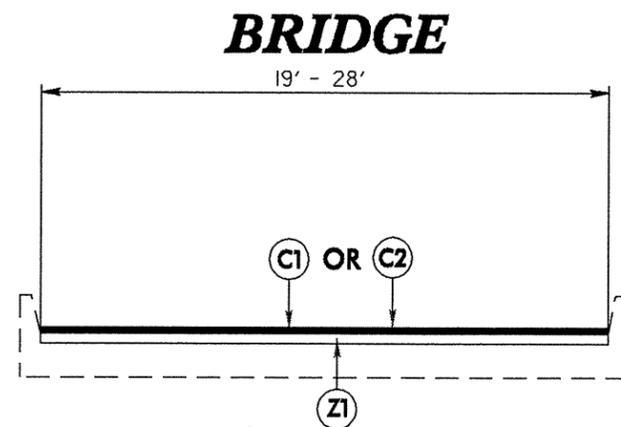
PROJECT NO.	SHEET NO.	TOTAL SHEETS
13CR.10611.8, 13CR.20611.7	5	



**MILLING DETAIL AT BRIDGE APPROACHES
WHERE BRIDGE WILL NOT BE RESURFACED
COST OF MILLING IS INCIDENTAL TO OTHER ITEMS**



**MILLING DETAIL AT BRIDGE APPROACHES
WHERE BRIDGES WILL BE MILLED THEN RESURFACED
COST OF MILLING IS INCIDENTAL TO OTHER ITEMS**



BRIDGE DETAIL

BRIDGE NUMBER 31, 112, 150 AND 210
MILL 1 1/2" OFF EXISTING PAVEMENT ON BRIDGE
THEN RESURFACE BRIDGE DECK WITH 1 1/2" OF S9.5B OR 1 1/2" SF9.5A
SEE MAPS FOR BRIDGE LOCATIONS

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ACSC, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1 1/2" ACSC, TYPE SF9.5A, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
Z1	MILL 1 1/2"

PROJECT NO.	SHEET NO.	TOTAL NO.
13CR.10611.8, 13CR.20611.7		

SUMMARY OF QUANTITIES

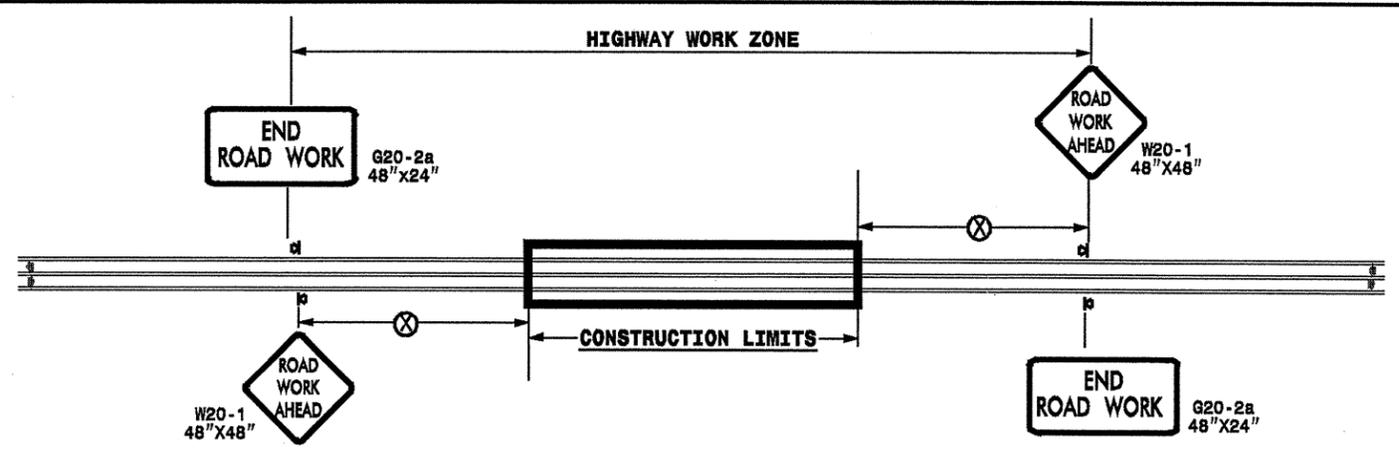
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1½" MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TON	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS
13CR.10611.8	Mitchell	1	NC 197	MP 11.09 TO SR 1321	1	2	24	100	4.00		2,616		157	100
		2	NC 197	FROM SR 1321 NORTH 0.45 MILES	1	0.45	24	23	0.90		588		35	115
		3	NC 226	MP 28.82 TO SR 1329	1	0.44	22	22	0.88	136	528		32	20
		4	NC 226	SR 1329 TO STATE LINE	1	2.03	22	101	4.06		2,435		146	125
TOTAL FOR PROJ NO. 13CR.10611.8						4.92		246	9.84	136	6,167		370	360
13CR.20611.7	Mitchell	5	SR 1002	0.25 MILES SOUTH OF SR 1225 TO 1.67 MILES NORTH OF SR 1225	2	1.92	20			170		2,057	134	200
		TOTAL FOR PROJ NO. 13CR.20611.7						1.92				170		2,057
GRAND TOTAL						6.84		246	9.84	306	6,167		504	560

Note: 1 1/2" milling on map 3 and map 5 is for bridge deck milling

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4810000000-E	4810000000-E
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" WHITE PAINT LF	4" YELLOW PAINT LF
13CR.10611.8	Mitchell	1	NC 197	MP 11.09 TO SR 1321	21,120	21,120		
		2	NC 197	FROM SR 1321 NORTH 0.45 MILES	4,752	4,752		
		3	NC 226	MP 28.82 TO SR 1329	4,646	4,646		
		4	NC 226	SR 1329 TO STATE LINE	21,437	21,437		
TOTAL FOR PROJ NO. 13CR.10611.8					51,955	51,955		
13CR.20611.7	Mitchell	5	SR 1002	0.25 MILES SOUTH OF SR 1225 TO 1.67 MILES NORTH OF SR 1225			40,550	40,550
		TOTAL FOR PROJ NO. 13CR.20611.7						
GRAND TOTAL					51,955	51,955	40,550	40,550
							81,100	

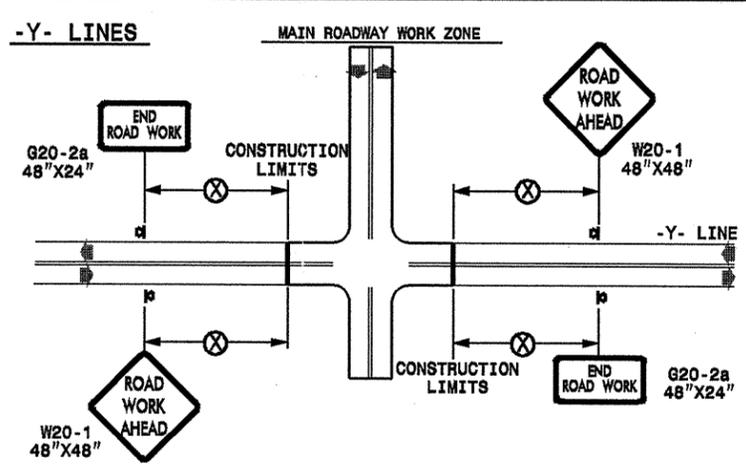
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 65	1000'

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

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

GENERAL NOTES

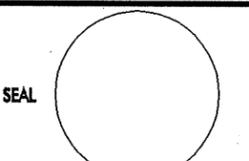
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCE WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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 URBAN 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 TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL 			
SCALE: NONE		REVISIONS	
DATE: _____		7-98	10/01
DWG. BY: _____		10-98	03/04
DESIGN BY: _____		01/01	11/04
REVIEWED BY: _____	CADD FILE		

15-OCT-2009 14:56
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 pseyllor AT WZTC237502