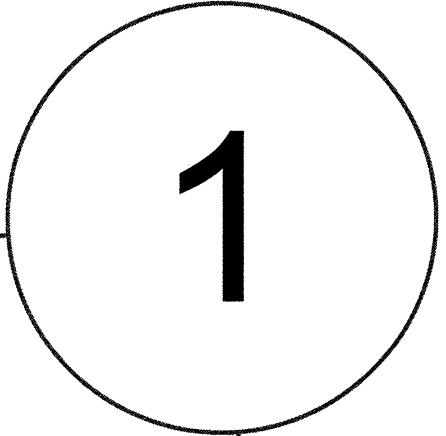


PROJECT NO. 13CR.10591.7, 13CR.20591.6	SHEET NO. 1	TOTAL SHEETS 8
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US 221



1608

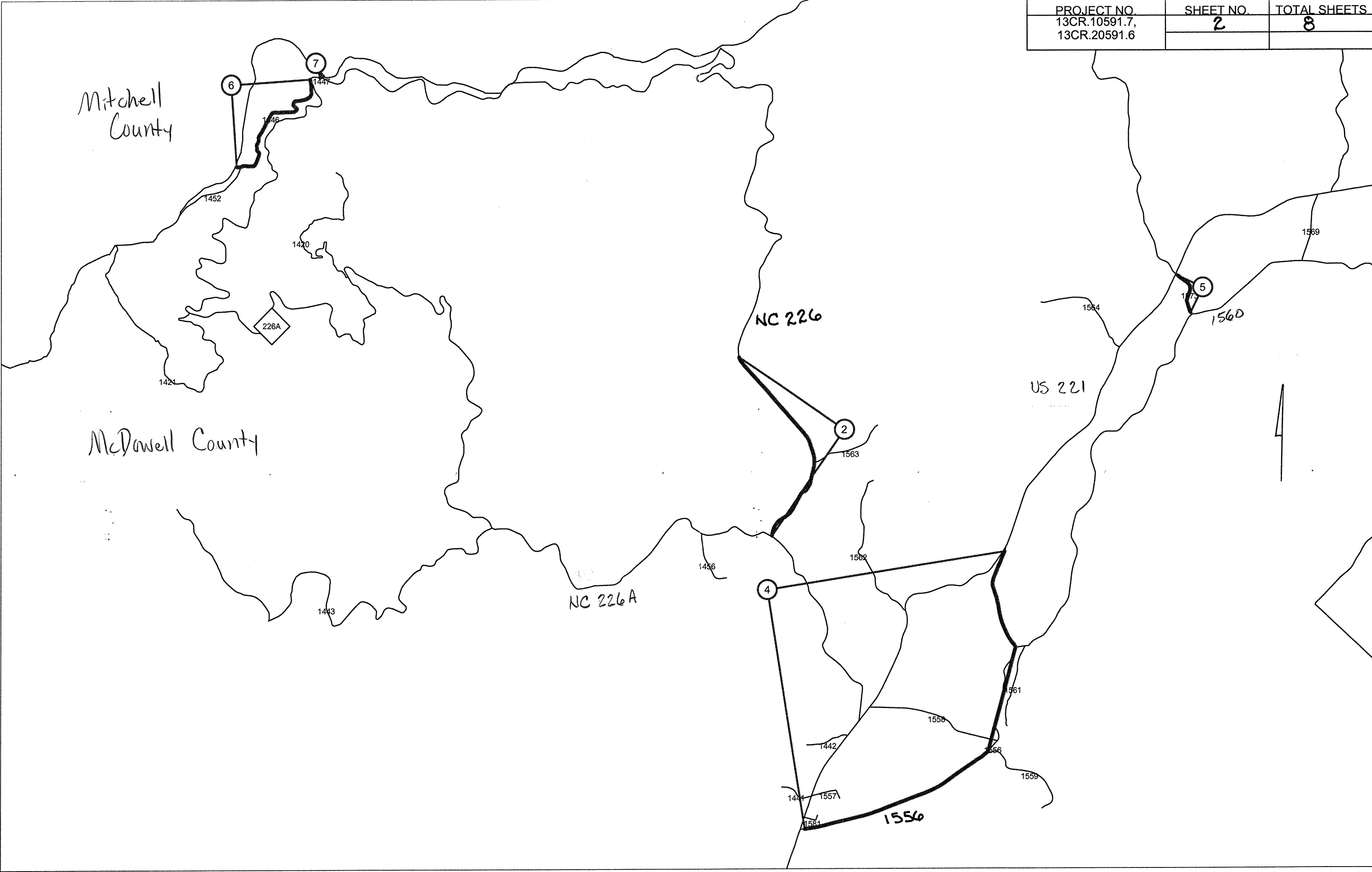
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McDowell

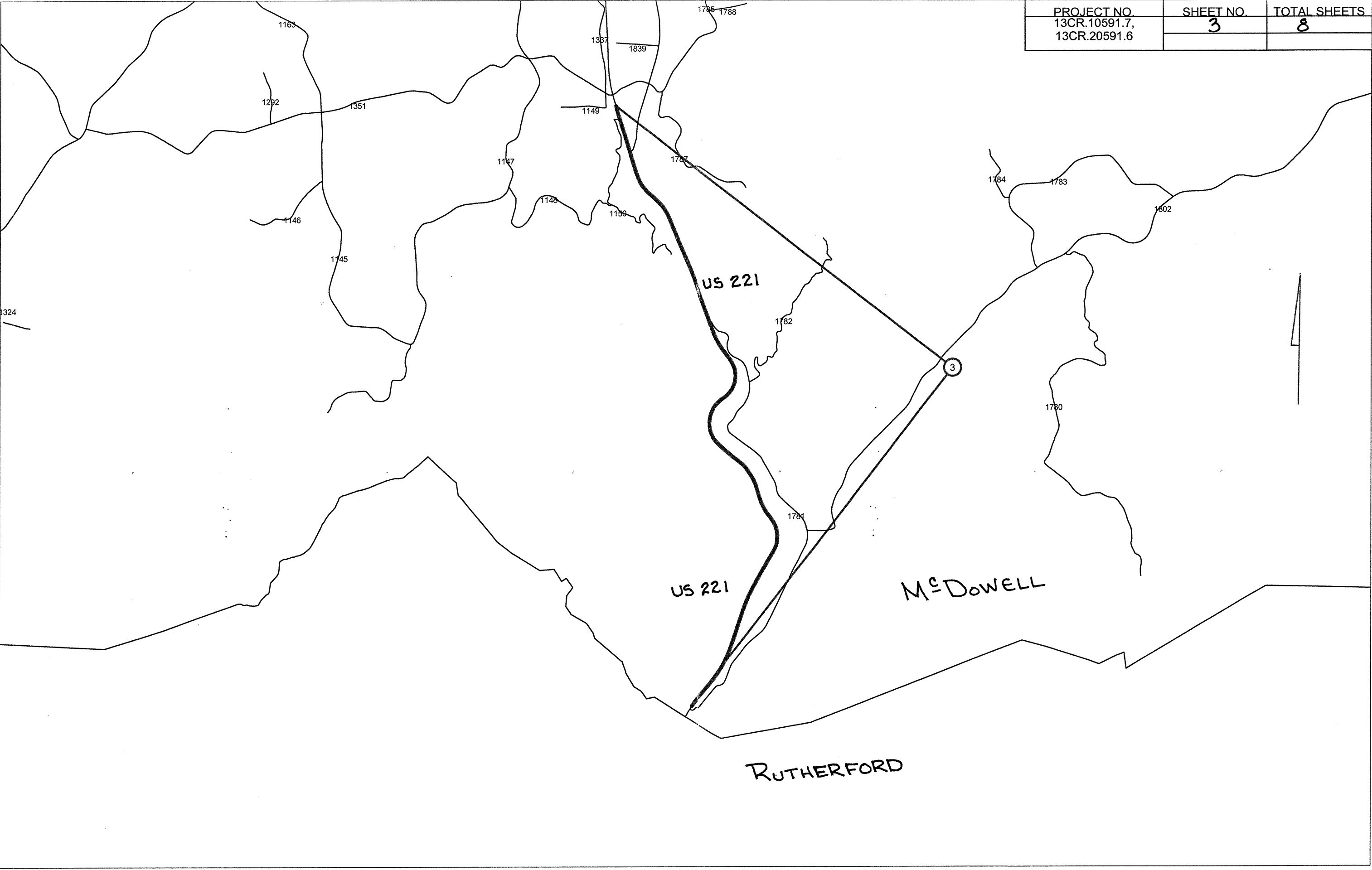
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PROJECT NO. 13CR.10591.7, 13CR.20591.6	SHEET NO. 2	TOTAL SHEETS 8
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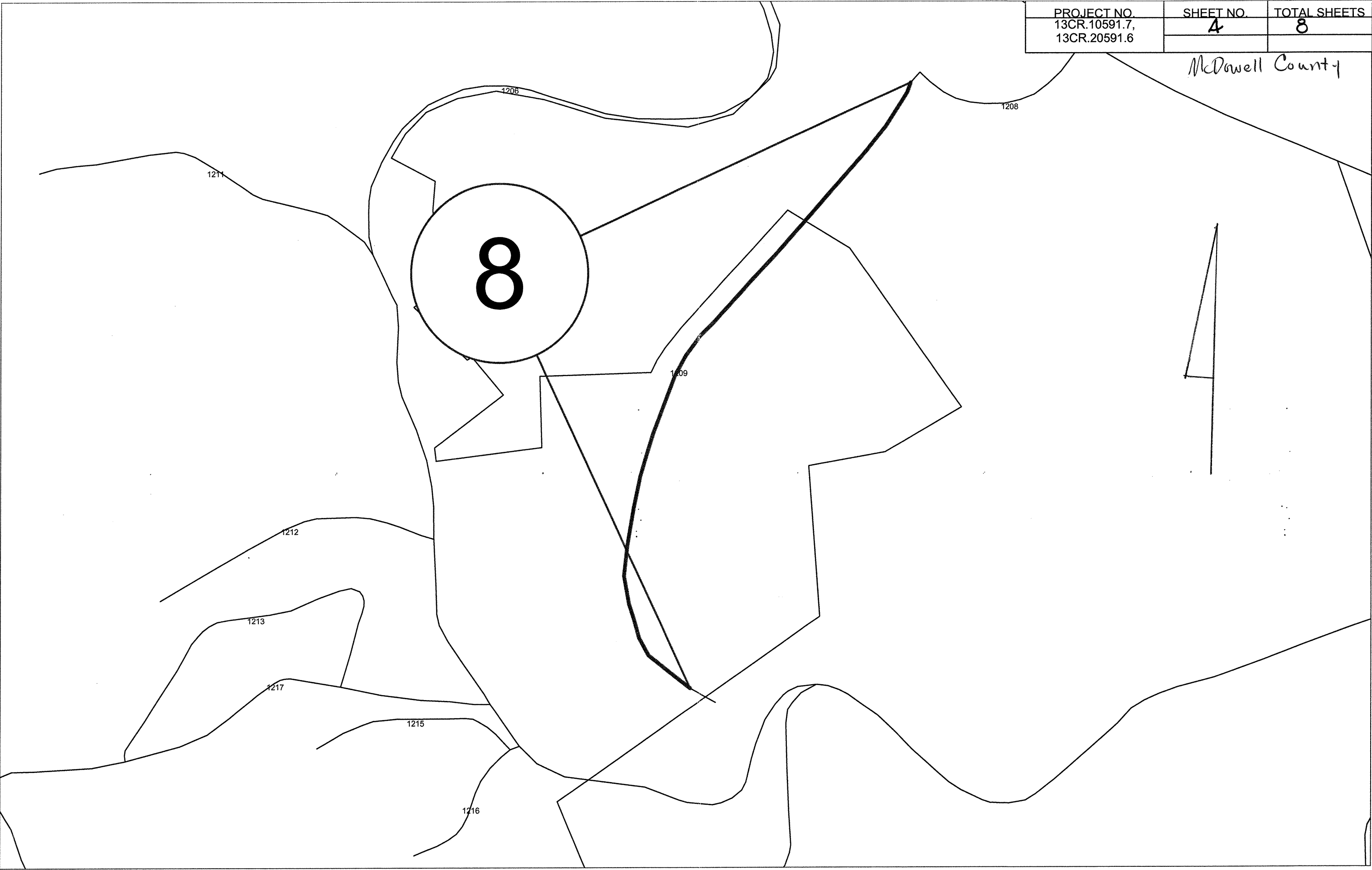


PROJECT NO. 13CR.10591.7, 13CR.20591.6	SHEET NO. 3	TOTAL SHEETS 8
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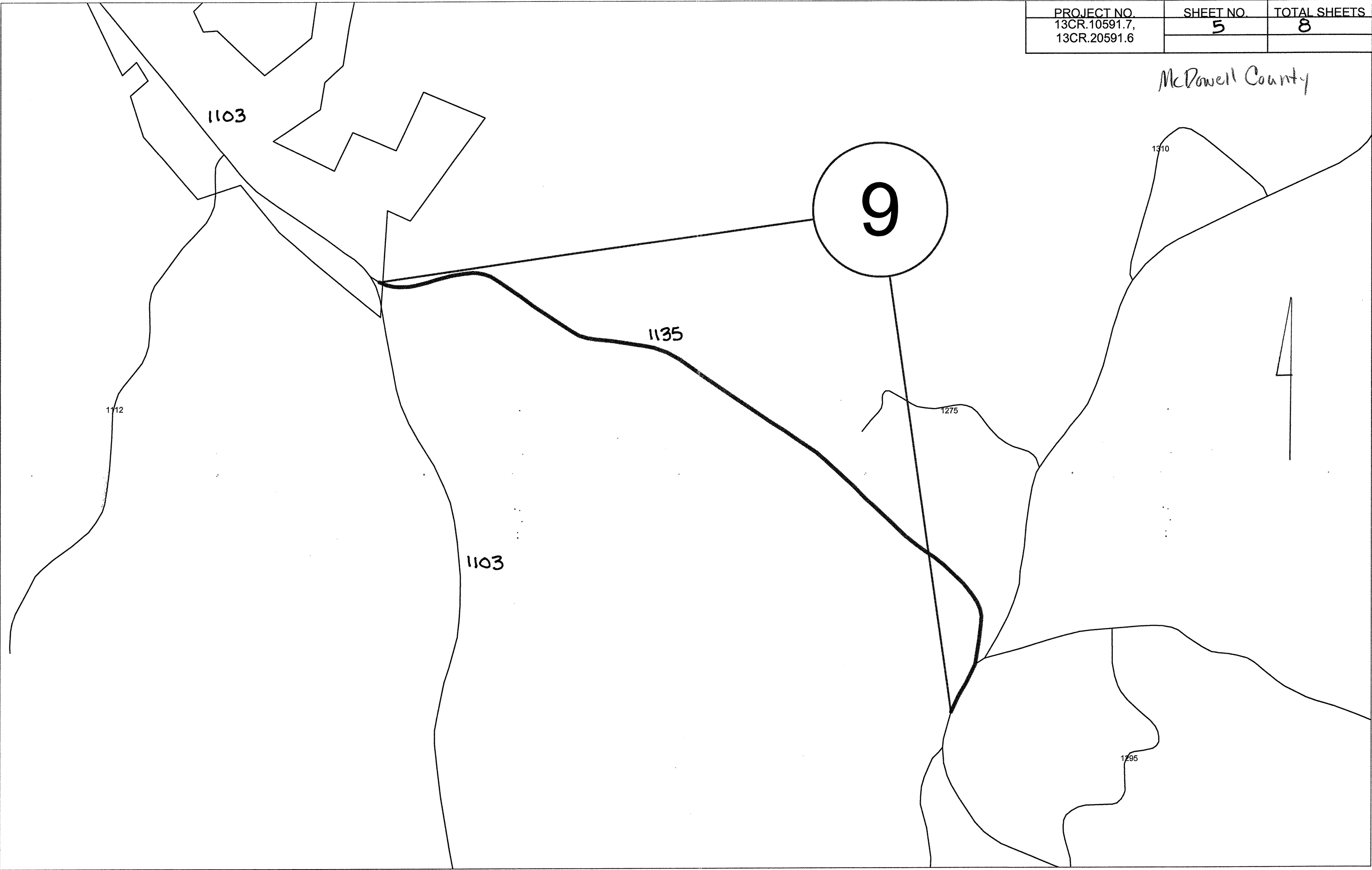
PROJECT NO. 13CR.10591.7, 13CR.20591.6	SHEET NO. 4	TOTAL SHEETS 8
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McDowell County

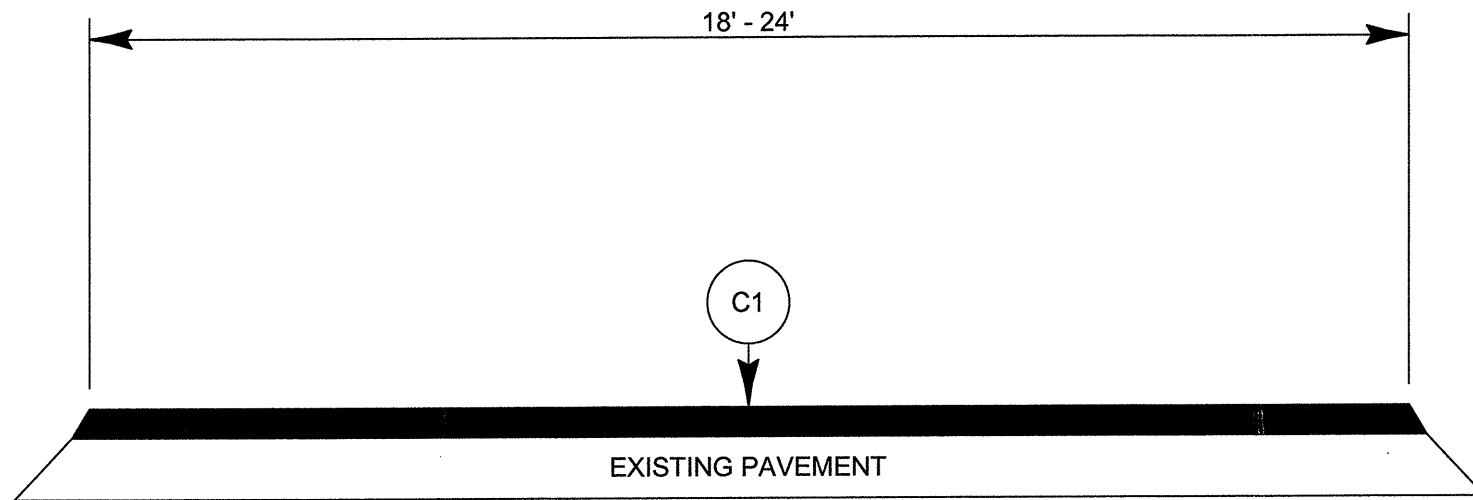


PROJECT NO. 13CR.10591.7, 13CR.20591.6	SHEET NO. 5	TOTAL SHEETS 8
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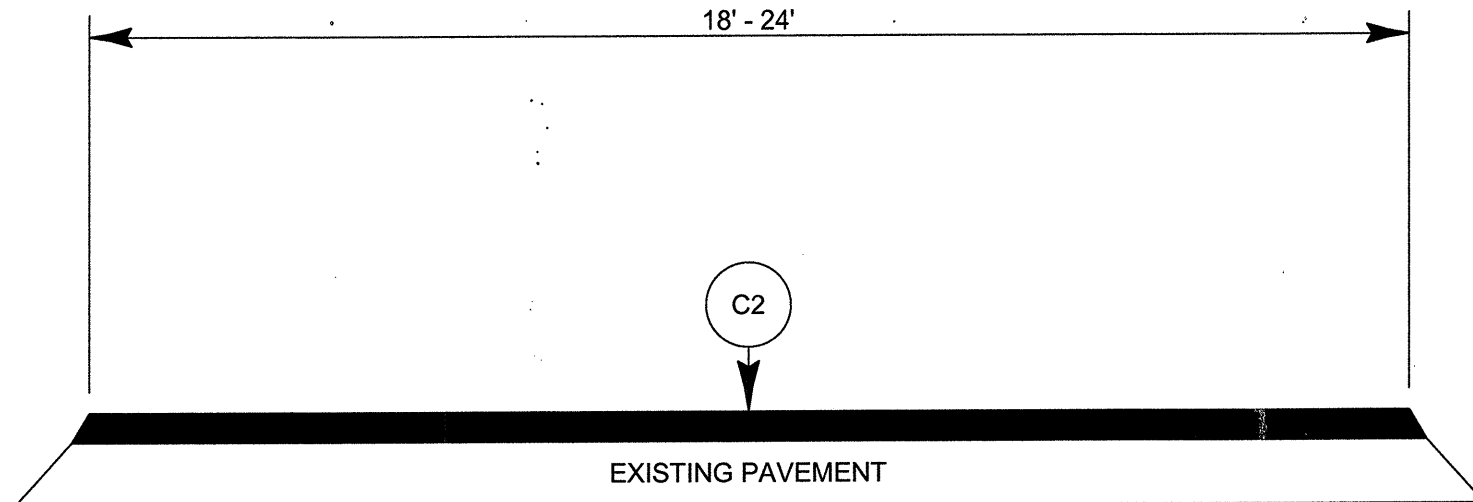
McDowell County



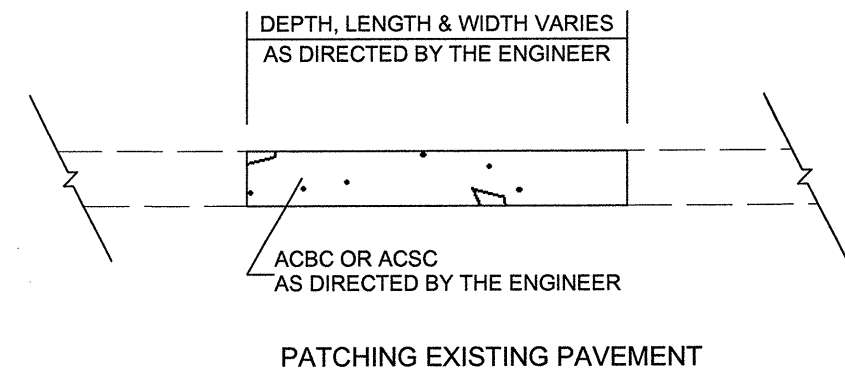
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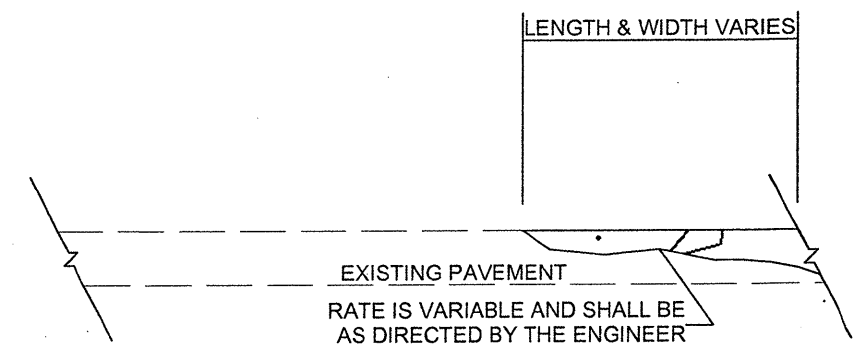
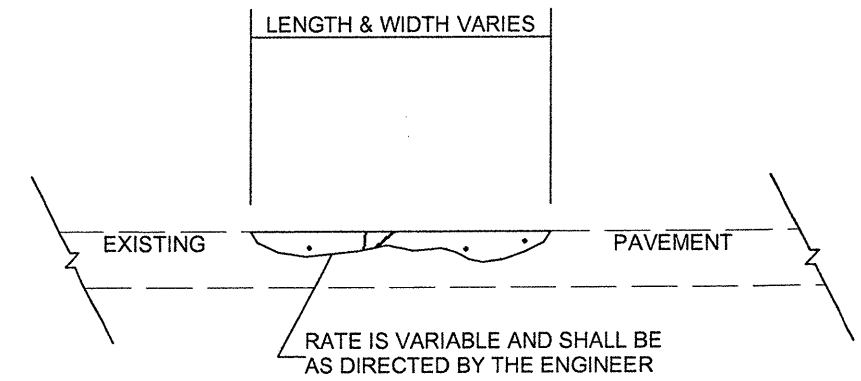
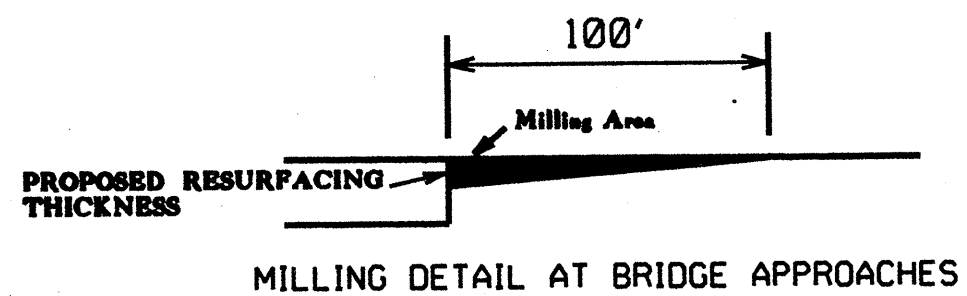
TYPICAL SECTION NO. 1



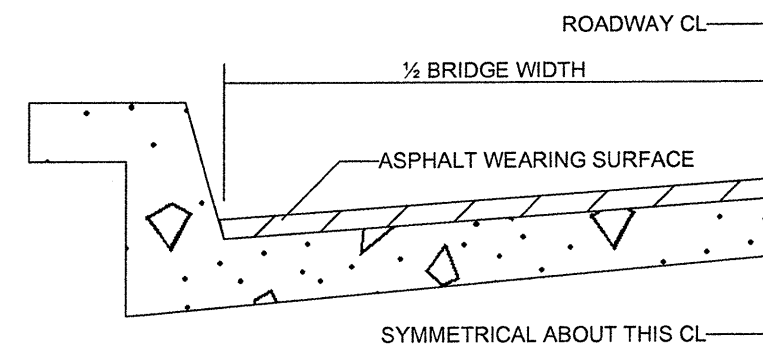
TYPICAL SECTION NO. 2



PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.5" ACSC, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS PER SY
C2	PROP. APPROX. 1.5" ACSC, TYPE SF9.5A AT AN AVERAGE RATE OF 165 LBS. PER SY



ASPHALT CONCRETE SURFACE COURSE (LEVELING COURSE)



BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN

THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. A THICKNESS OF NOT LESS THAN 5/8" SHALL BE PROVIDED. THE MAXIMUM THICKNESS SHALL PREFERABLY BE 1 1/2" UNLESS IT IS IMPRACTICAL TO PROVIDE A SMOOTH RIDING SURFACE OTHERWISE.

NOTES

ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT. ALL PAVED S.R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
 EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
 SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.
 BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

PROJECT NO.	SHEET NO.	TOTAL NO.
13CR.10591.7, 13CR.20591.6	8	8

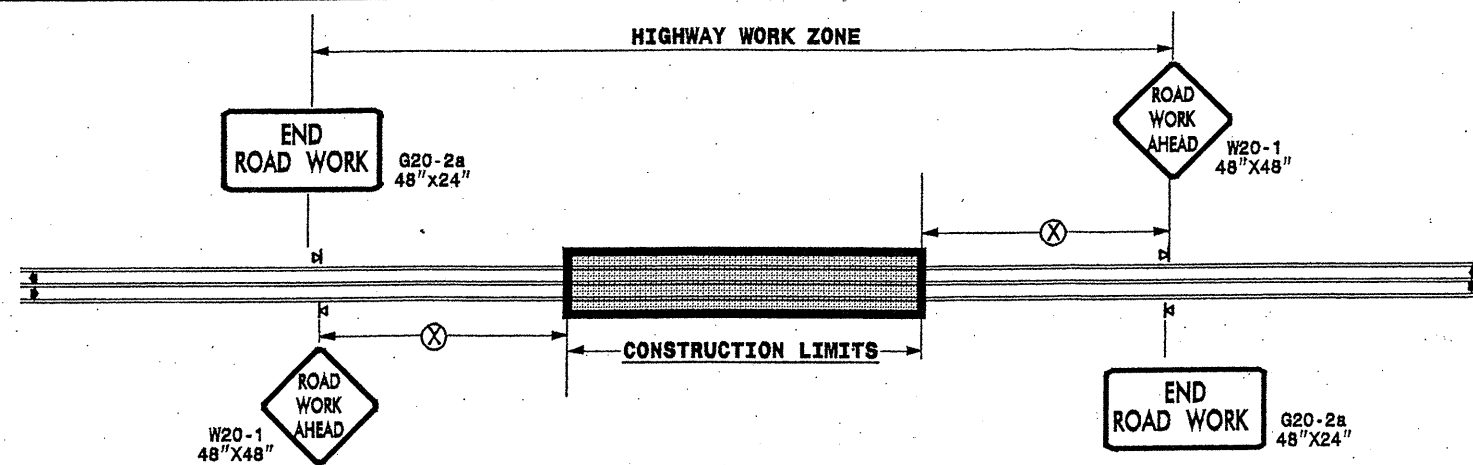
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, SF9.5A TON	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	DROP INLET EA	MANHOLES EA	METER OR VALVE BOX EA
13CR.10591.7	McDowell	1	NC 183	US 221 TO BURKE COUNTY	1	0.31	18	305		18	90			
		2	NC 226	NC 226A TO BEGIN 3 LANE	1	2	20	2,347		141	40	1		
		3	US 221	RUTHERFORD COUNTY LINE TO SR 1351	1	4.63	24	6,055		363	80			
TOTAL FOR PROJ NO. 13CR.10591.7						6.94		8,707		522	210	1		
13CR.20591.6	McDowell	4	SR 1556	US 221 TO US 221	2	2.33	20		2,496	162	170			
		5	SR 1573	SR 1560 TO US 221	2	0.28	24		470	31	35			
		6	SR 1446	MITCHELL COUNTY TO NC 226A	2	0.88	18		849	55	135			
		7	SR 1447	MITCHELL COUNTY TO NC 226A	2	0.05	20		54	3	35			
		8	SR 1209	SR 1208 TO END MAINT.	2	0.63	20		675	44	135		1	1
		9	SR 1135	SR 1103 TOWARDS SR 1124 FOR .70 MILES	2	0.7	20		750	49	60			
TOTAL FOR PROJ NO. 13CR.20591.6						4.87			5,294	344	570		1	1
GRAND TOTAL						11.81		8,707	5,294	866	780	1	1	1

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.10591.7	McDowell	1	NC 183	US 221 TO BURKE COUNTY	3,274	3,274		
		2	NC 226	NC 226A TO BEGIN 3 LANE	21,120	21,120		
		3	US 221	RUTHERFORD COUNTY LINE TO SR 1351	48,985	48,893		
TOTAL FOR PROJ NO. 13CR.10591.7					73,379	73,286		
13CR.20591.6	McDowell	4	SR 1556	US 221 TO US 221			49,209	49,209
		5	SR 1573	SR 1560 TO US 221			5,913	5,913
		6	SR 1446	MITCHELL COUNTY TO NC 226A			18,586	18,586
		7	SR 1447	MITCHELL COUNTY TO NC 226A			1,056	1,056
		8	SR 1209	SR 1208 TO END MAINT.			13,306	13,306
		9	SR 1135	SR 1103 TOWARDS SR 1124 FOR .70 MILES			14,784	14,784
TOTAL FOR PROJ NO. 13CR.20591.6							102,854	102,854
TOTAL					73,379	73,286	102,854	102,854
GRAND TOTAL					73,379	73,286	205,708	

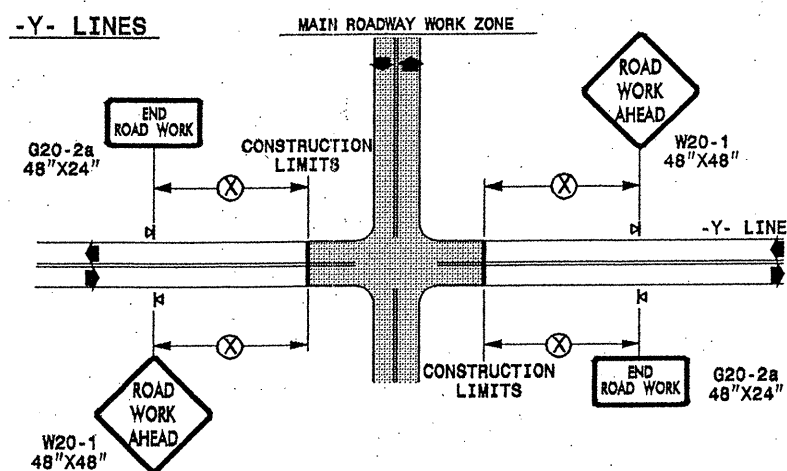
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

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

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



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

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

SHEET 1 OF 1

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS									
SEAL	SCALE: NONE	 <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							
01/01	11/04									
DATE:	DESIGN BY:									
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REVIEWED BY:	CAD FILE									

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