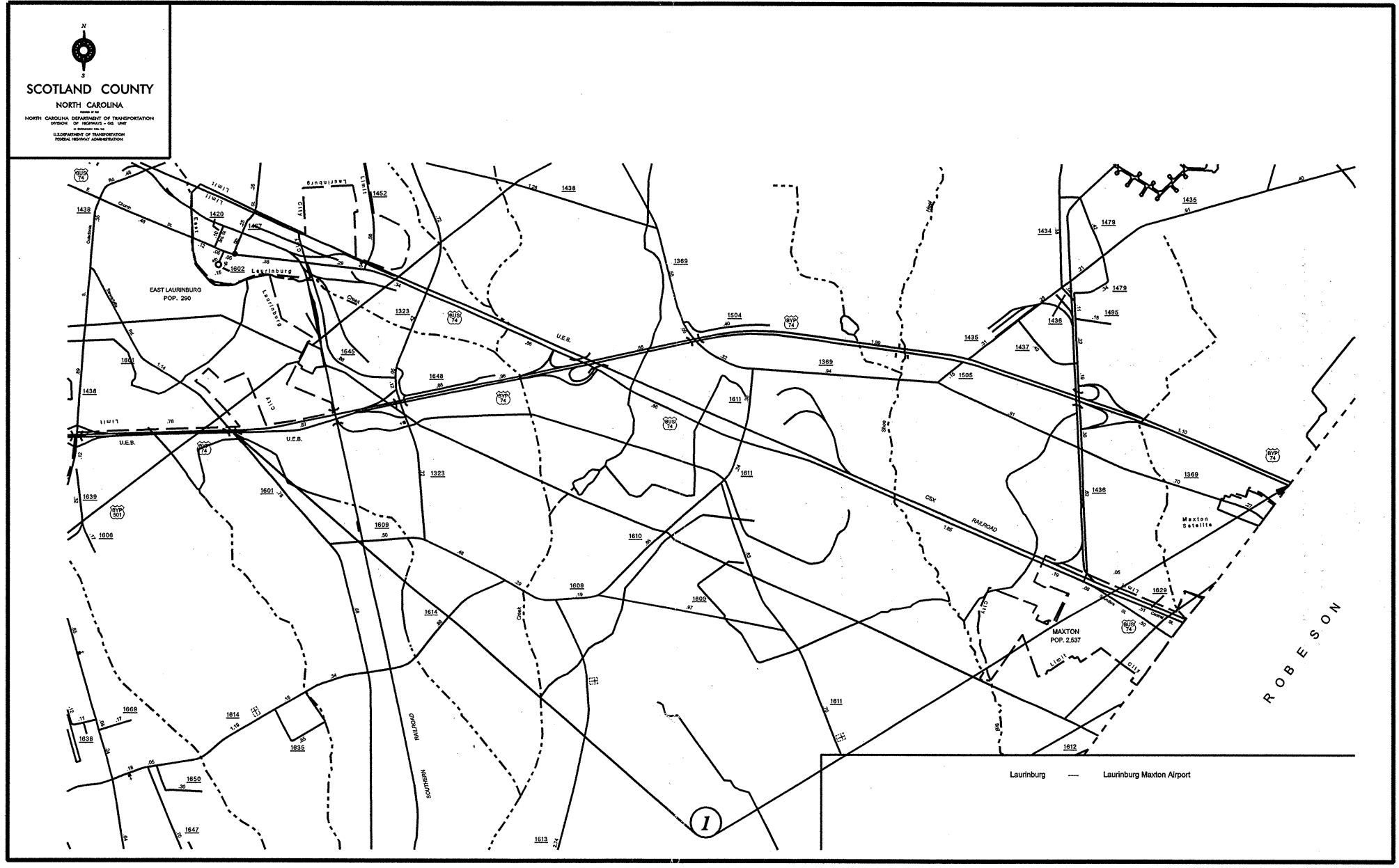
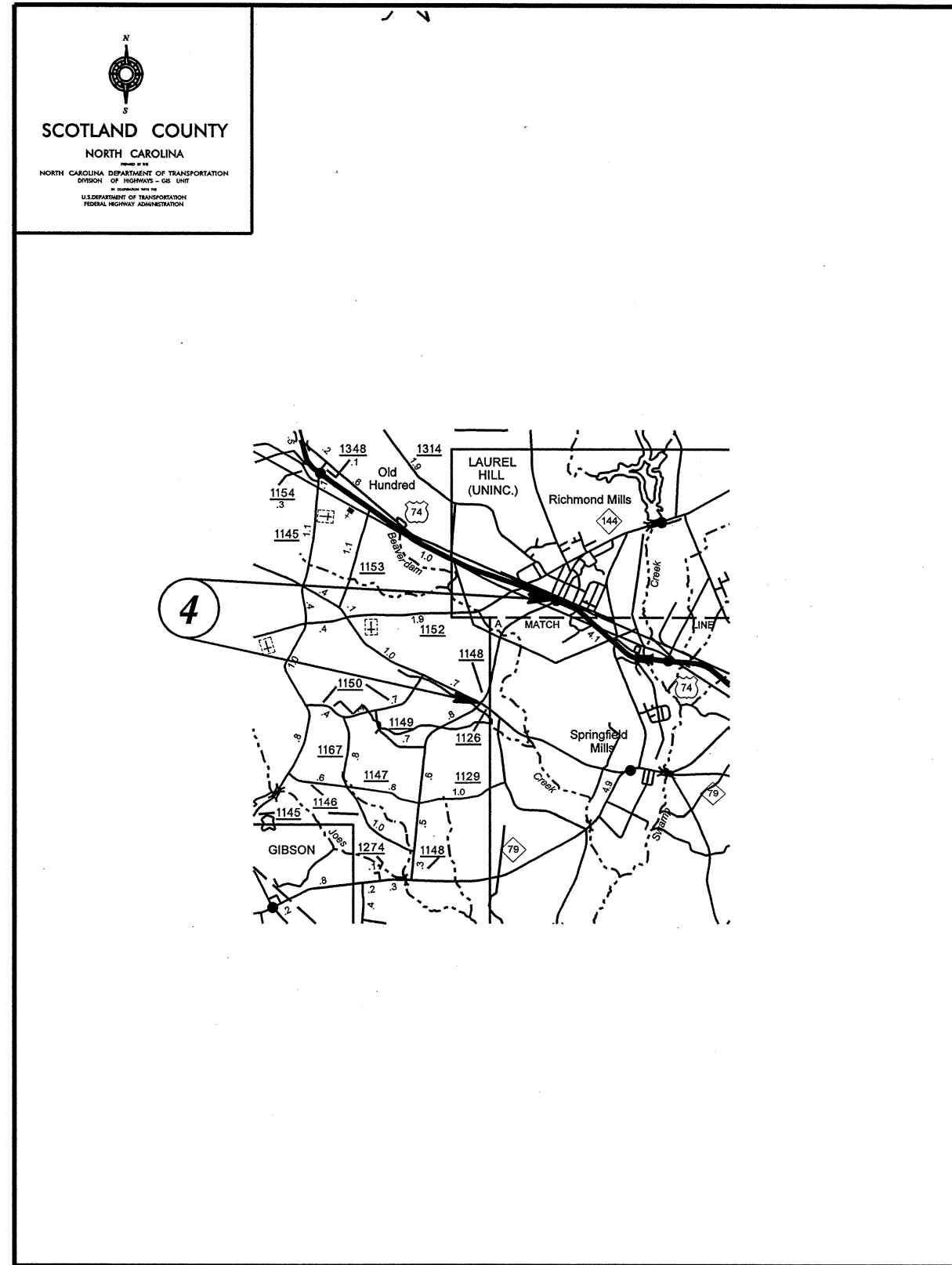
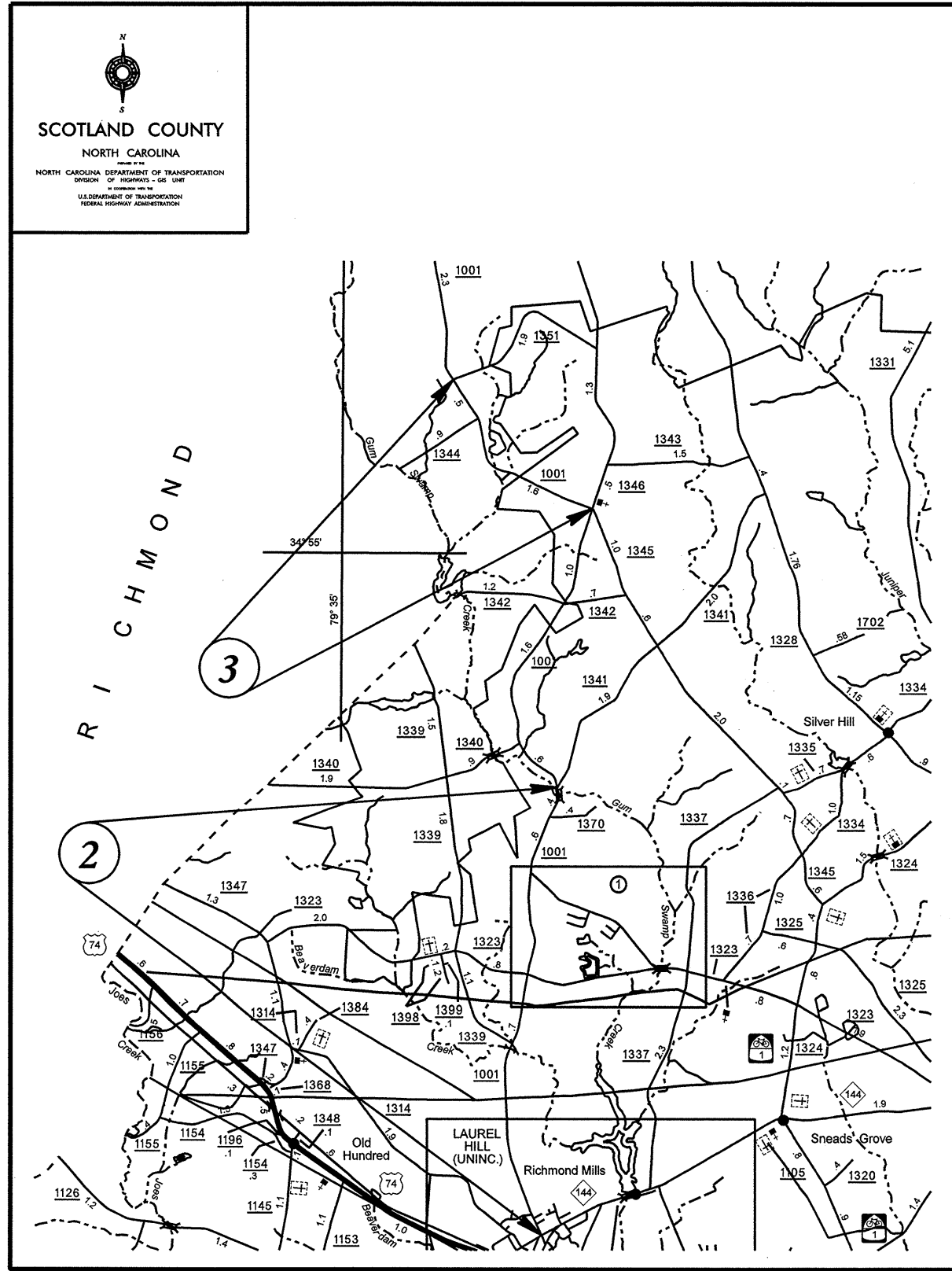


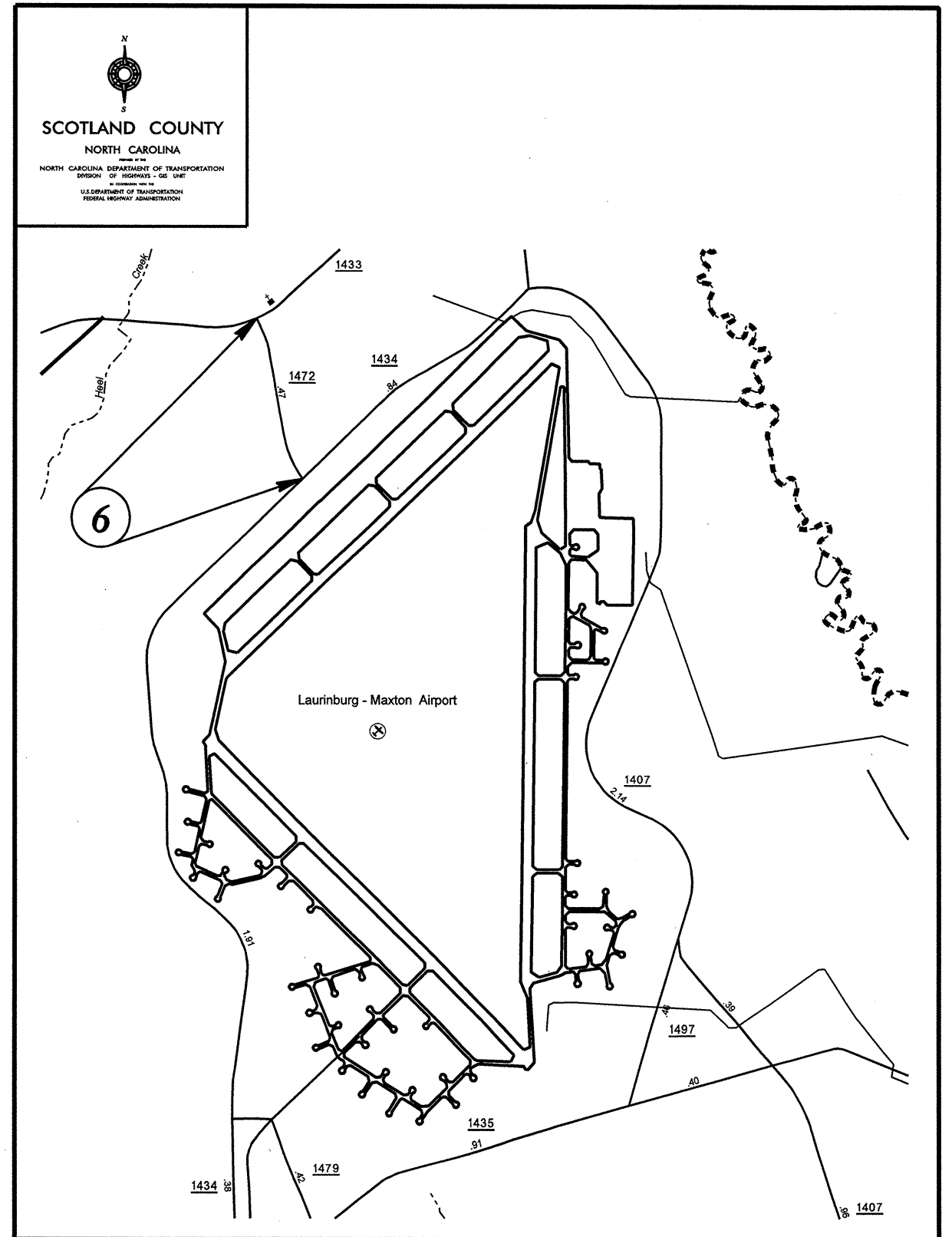
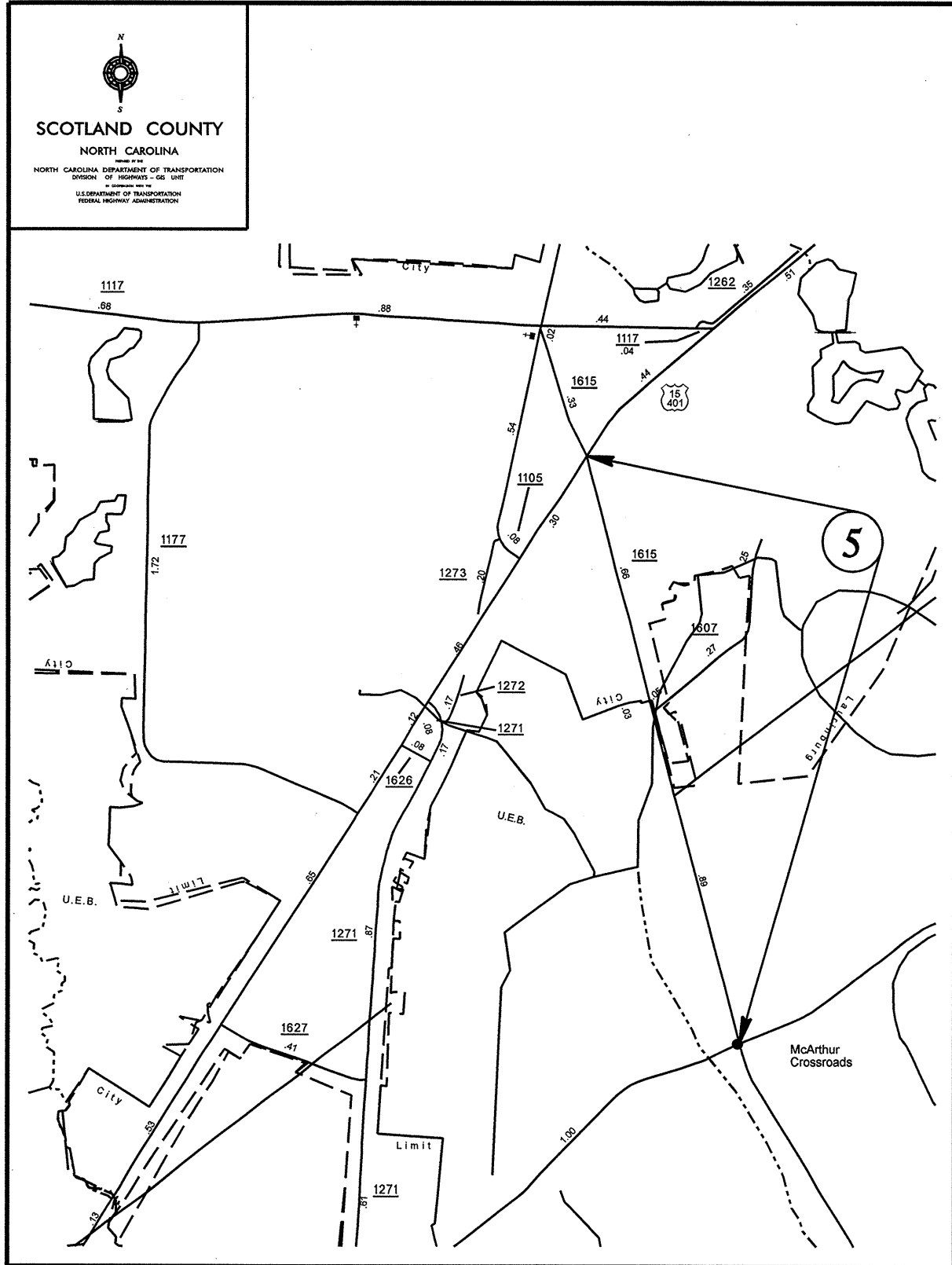
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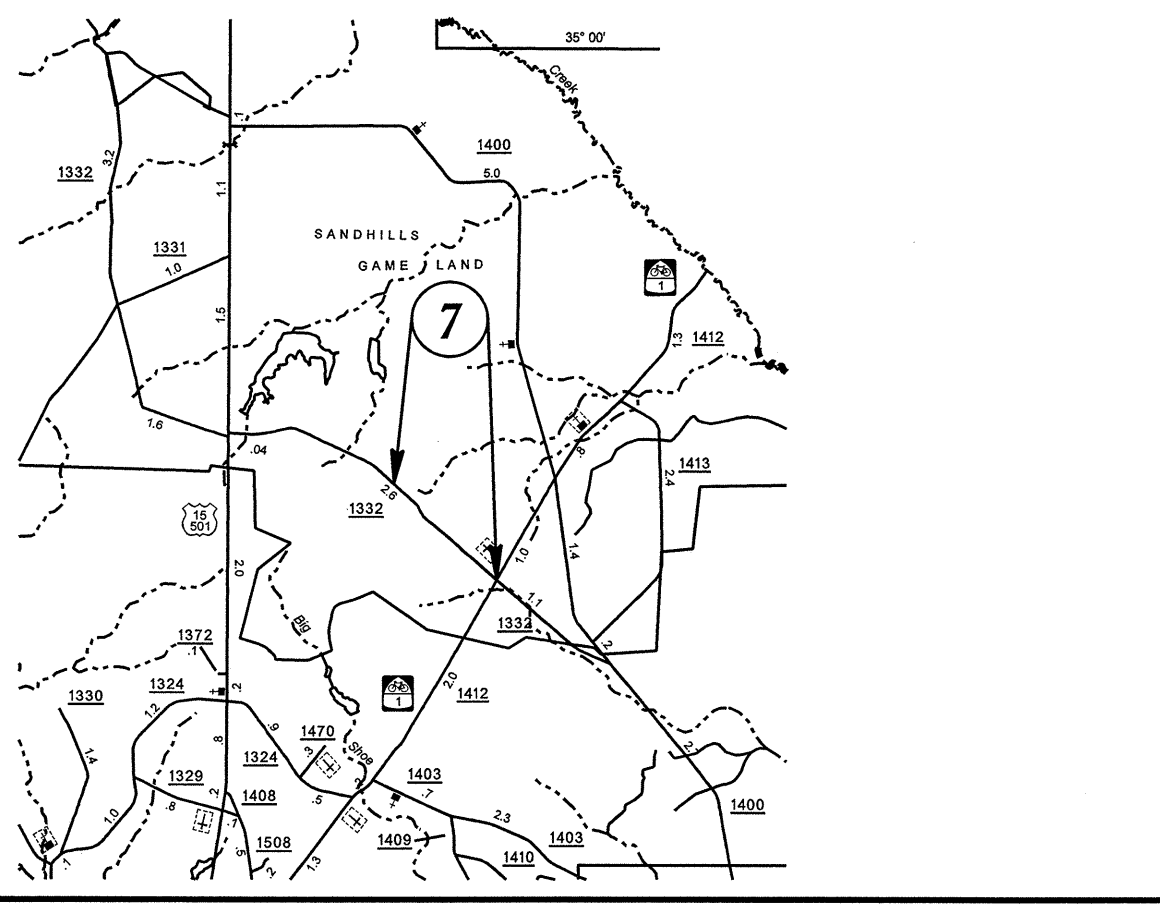
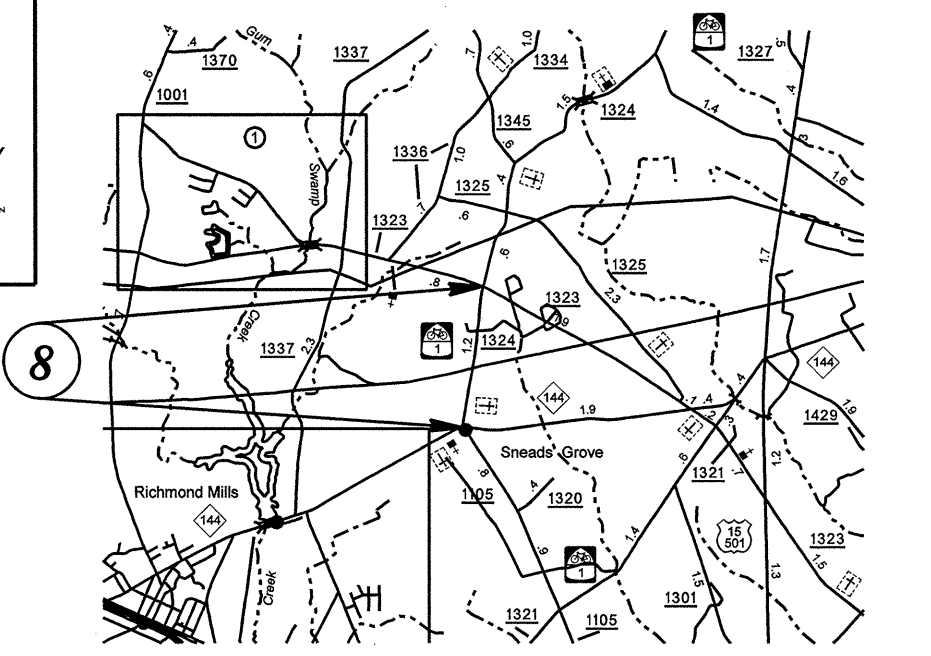
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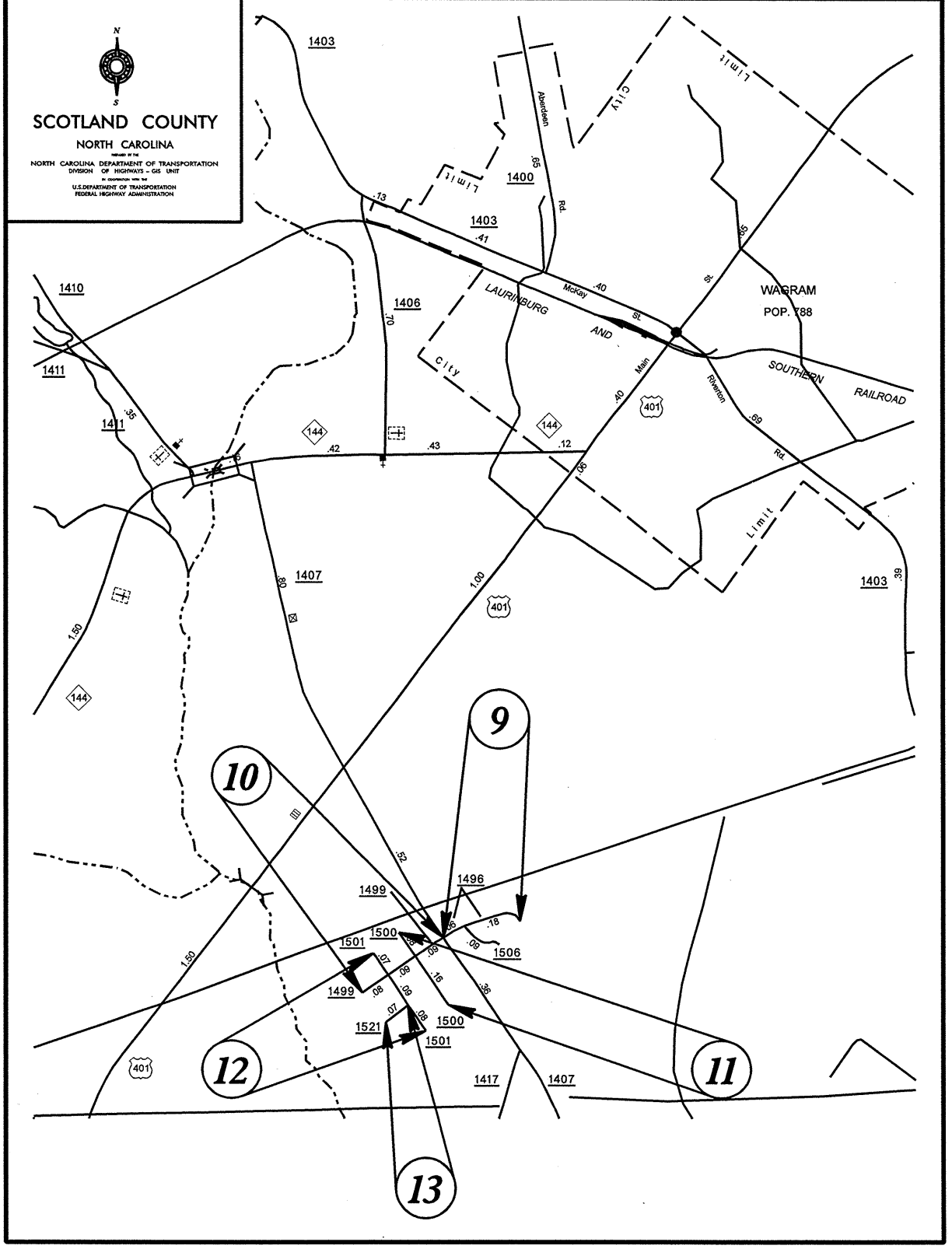
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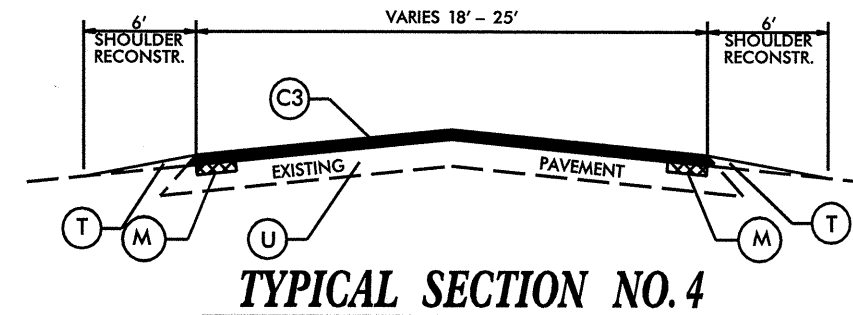
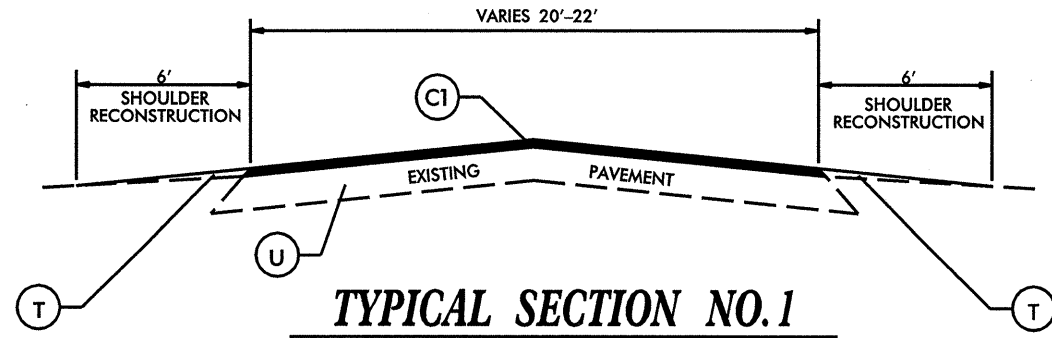


SCOTLAND COUNTY
NORTH CAROLINA
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - GIS UNIT
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

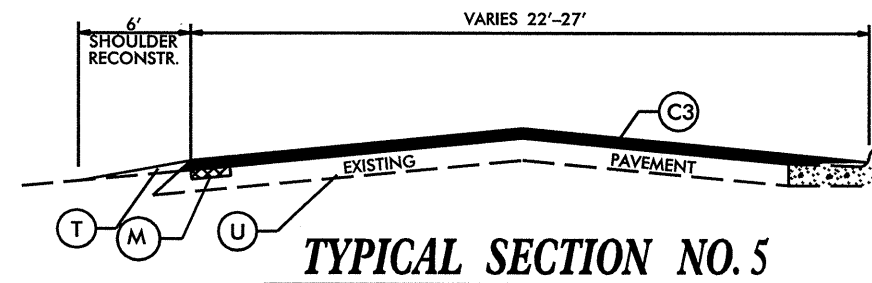
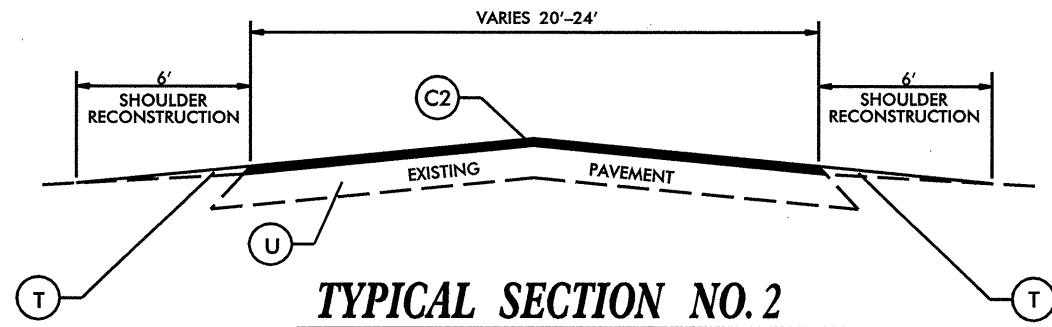


SCOTLAND COUNTY
NORTH CAROLINA
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS - GIS UNIT
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

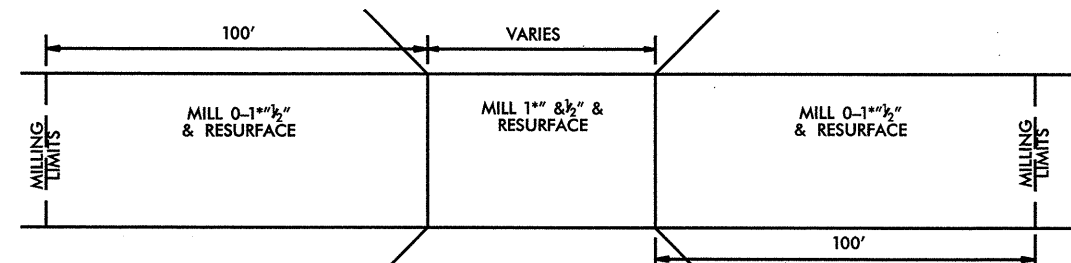
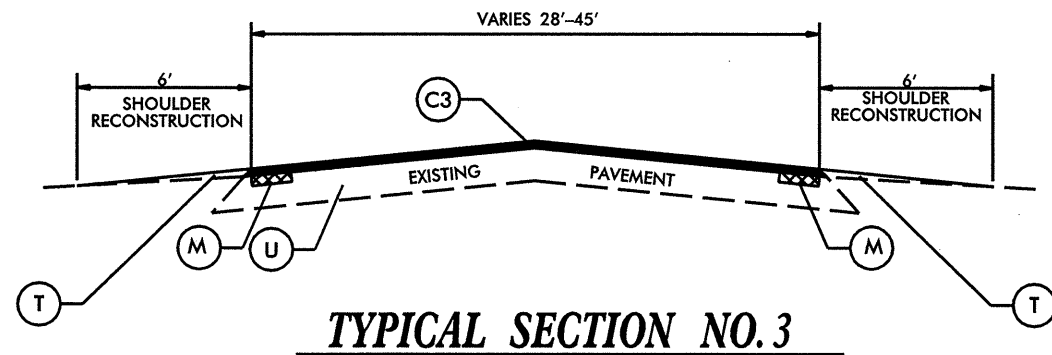




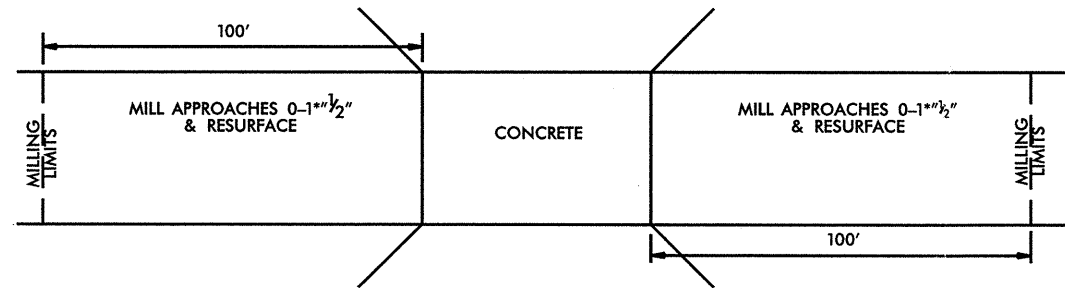
USE FOR
OFF RAMP AT SR 1323 & US 74 BUS.
ON RAMP AT SR 1436



USE FOR
ON RAMP AT US 74 BUS.
OFF RAMP AT SR 1436



BRIDGE DRAWING FOR
RAILROAD BRIDGE
SR 1323 BRIDGE (OVERHEAD)
LEITH'S CREEK BRIDGE
SHOE HEEL CREEK BRIDGE
SR 1001 BRIDGE



BRIDGE DRAWING FOR
US 74 BUS. BRIDGE
SR 1436 BRIDGE (OVERHEAD)

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C3	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
M	16" RUMBLE STRIP (CONSTRUCTED ACCORDING TO STD 665.01)
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.

PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.10831.6, 8CR.20831.6	6	

SUMMARY OF QUANTITIES

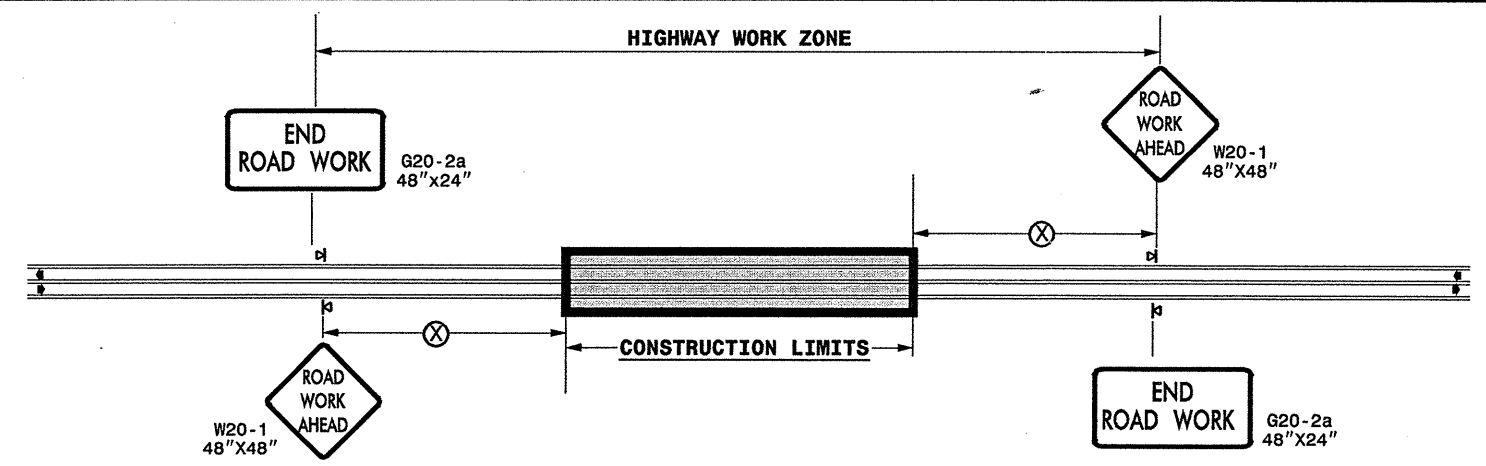
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	MILLED RUMBLE STRIPS LF	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5B TONS	SURFACE COURSE, S9.5C TONS	SURFACE COURSE, SF9.5A TON	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	SEED & MULCHING AC
8CR.10831.6	Scotland	1	US 74 BYPASS EB	FROM SR 1601 TO ROBESON CO.	3,4,5	5.52	30		15.04	9662	8200		10,250			615	85	5.50
TOTAL FOR PROJ NO. 8CR.10831.6						5.52			15.04	9662	8200		10,250			615	85	5.50
8CR.20831.6	Scotland	2	SR 1001	FROM NC 144 TO SR 1341	1	4.8	20	240	9.6		900	5010			301		70	7.00
		3	SR 1001	FROM SR 1351 TO SR 1345	1	2.3	22	115	4.6		100	2600			156		35	3.40
		4	SR 1148	FROM US 74 TO SR 1126	2	1.4	24	70	2.8		100		1,125	73			20	2.00
		5	SR 1615	FROM US 15-401 TO SR 1614	2	1.58	24	80	3.16		100		1,275	83			25	2.30
		6	SR 1472	FROM SR 1433 TO SR 1434	2	0.47	20	25	0.94		100		315	20			10	0.70
		7	SR 1332	FROM PAVEMENT JOINT TO SR 1412	1	1.7	20	85	3.4		100	1700			102			2.50
		8	SR 1324	FROM NC 144 TO SR 1323	1	1.2	20	60	2.4		100	1200			72			1.70
		9	SR 1496	FROM SR 1407 TO DEAD END	2	0.24	20	25	0.48		100		170	11				0.30
		10	SR 1499	FROM SR 1407 TO DEAD END	2	0.26	20	25	0.52		100		185	12				0.40
		11	SR 1500	FROM DEAD END TO DEAD END	2	0.24	20	25	0.48				170	11				0.30
		12	SR 1501	FROM DEAD END TO DEAD END	2	0.23	20	25	0.46				165	11				0.30
		13	SR 1521	FROM SR 1501 TO DEAD END	2	0.07	20	10	0.14				50	3				0.10
TOTAL FOR PROJ NO. 8CR.20831.6						14.49		785	28.98	0	1700	10510		3,455	855		160	21.00
GRAND TOTAL						20.01		785	44.02	9662	9900	10510	10,250	3,455	855	615	245	26.50

PROJECT NO.	SHEET NO.	TOTAL NO.
8CR.10831.6, 8CR.20831.6	7	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E		4686000000-E		4697000000-E	4695000000-E	4710000000-E	4725000000-E			4810000000-E		4900000000-N	4905000000-N
					4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	8" X 120 M WHITE THERMO LF	8" X 90 M THERMO RAMP ARROW 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 (LARGE BEADS) LF	4" YELLOW PAINT (LARGE BEADS) LF	YELLOW & YELLOW MARKERS EA	SNOW PLOWABLE MARKERS CRYSTAL & RED MARKERS EA
8CR.10831.6	Scotland	1	US 74 BYPASS EB	FROM SR 1601 TO ROBESON CO.	40,400	39,300	7,300		4,000	80	200	2	2	6			364	595
TOTAL FOR PROJ NO. 8CR.10831.6					40,400	39,300	7,300		4,000	80	200	2	2	6			364	595
					79,700		7,300		4,000			10						
8CR.20831.6	Scotland	2	SR 1001	FROM NC 144 TO SR 1341	52,300			39,225									425	
		3	SR 1001	FROM SR 1351 TO SR 1345	24,500			18,375									205	
		4	SR 1148	FROM US 74 TO SR 1126											29,600	22,200		
		5	SR 1615	FROM US 15-401 TO SR 1614											33,400	25,050		
		6	SR 1472	FROM SR 1433 TO SR 1434											10,000	7,500		
		7	SR 1332	FROM PAVEMENT JOINT TO SR 1412											36,000	27,000		
		8	SR 1324	FROM NC 144 TO SR 1323											25,400	19,050		
		9	SR 1496	FROM SR 1407 TO DEAD END														
		10	SR 1499	FROM SR 1407 TO DEAD END														
		11	SR 1500	FROM DEAD END TO DEAD END														
		12	SR 1501	FROM DEAD END TO DEAD END														
		13	SR 1521	FROM SR 1501 TO DEAD END														
TOTAL FOR PROJ NO. 8CR.20831.6					76,800			57,600	4,000						134,400	100,800	630	
					76,800		57,600		4,000			10			235,200			
GRAND TOTAL					117,200	39,300	7,300	57,600	4,000	80	200	2	2	6	134,400	100,800	994	595
					156,500		64,900					10			235,200			

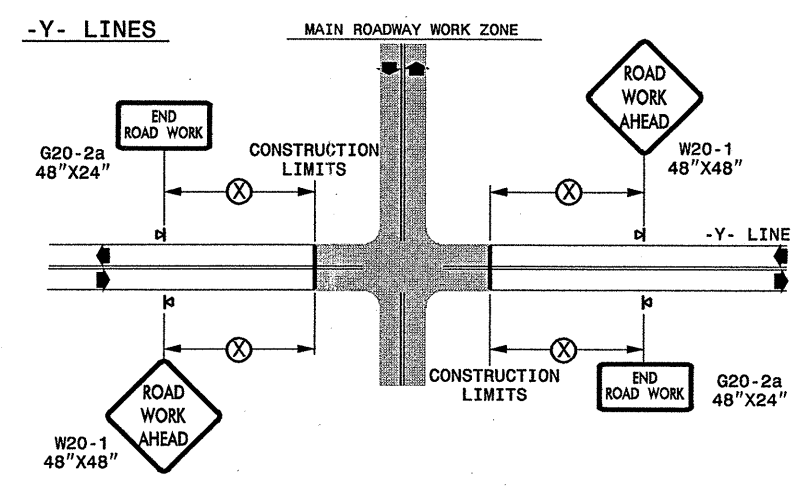
TWO-WAY UNDIVIDED ** (L-LINES)



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 ADVANCED 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

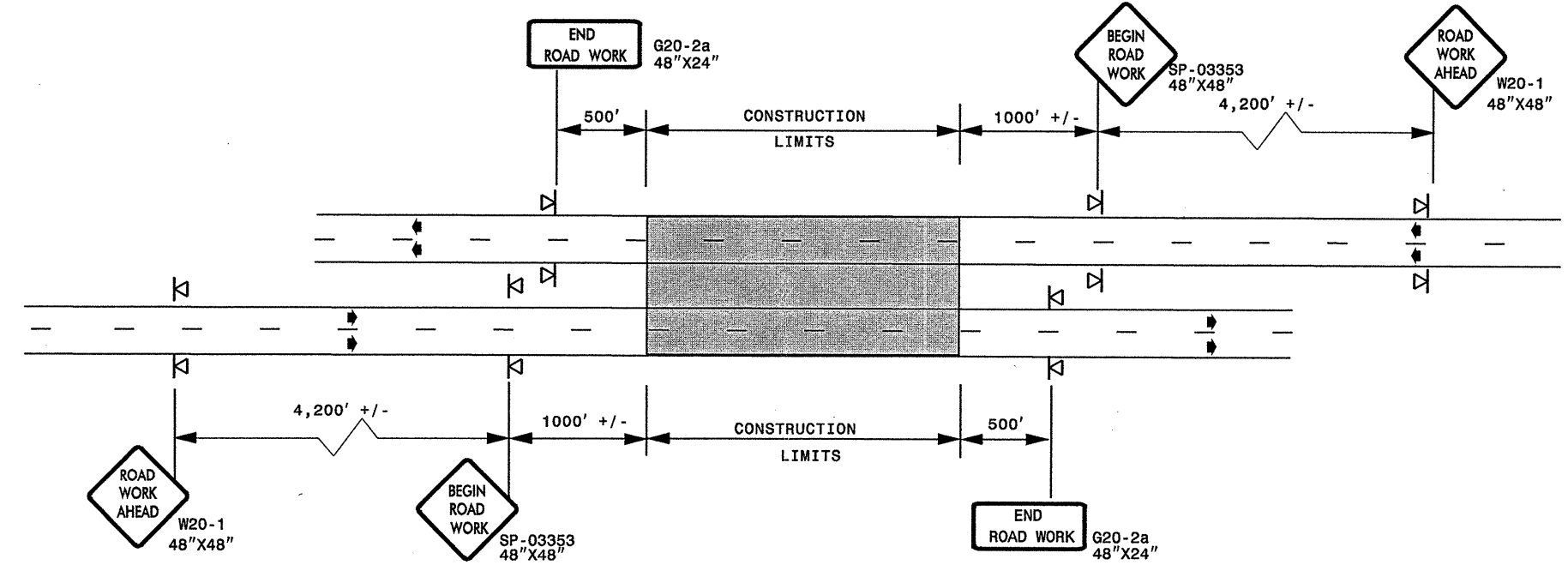
SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS									
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	7-98			10/01							
	10-98			03/04							
01/01	11/04										
DATE: _____	DESIGN BY: _____	REVIEWED BY: _____									
DWG. BY: _____	DESIGN BY: _____	REVIEWED BY: _____									
FILE	FILE	FILE									

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

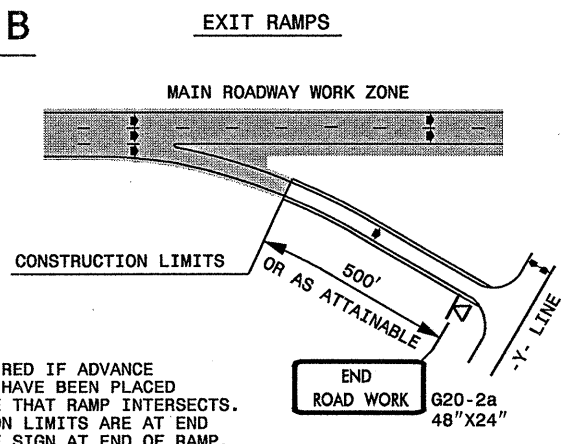
DETAIL A



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

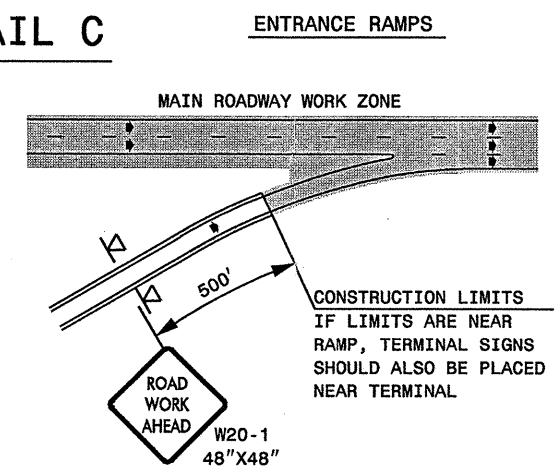
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



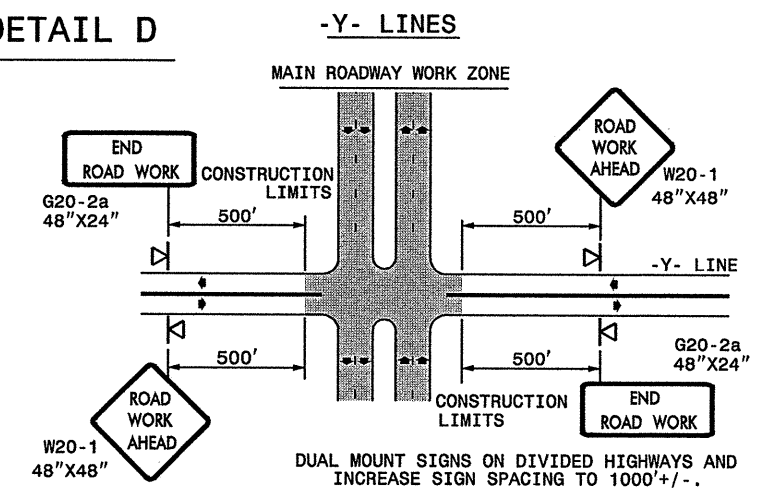
NOTE:
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



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

DETAIL D



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

GENERAL NOTES


- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED 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.
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- ** 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	 <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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