

PROJECT NO.	SHEET NO.	TOTAL NO.
12CR.10551.4	1	8
12CR.20551.5		

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	0" TO 3" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	SURFACE COURSE, S9.5B TONS	LEVELING COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	CATCH BASIN EA	MANHOLES EA	METER OR VALVE BOX EA	DROP INLET EA	PORT. LIGHTING LS
12CR.10551.4	Lincoln	1	NC27	SR1294 TO END 4 LANES	1 3	0.64 0.19	60 var. 48-60	40		29147			2,705	405	187	405	1	7	15	1	1
		2	NC27/NC150	US321B/NC150 TO US321 BRDG	1 2	0.42 0.17	60 var.60-102	40		34533			2,186	328	151	328	1	13	6		*
<b>TOTAL FOR PROJ NO. 12CR.10551.4</b>						<b>1.42</b>		<b>80</b>		<b>63680</b>			<b>4,891</b>	<b>733</b>	<b>338</b>	<b>733</b>	<b>2</b>	<b>20</b>	<b>21</b>	<b>1</b>	<b>1</b>
12CR.20551.5	Lincoln	3	SR1184 (ROCK DAM RD.)	NC 27 TO SR1185	4	1.33	var 20-21	40	2.66			1044	1,523	225	150	225					
		4	SR1754 (GOLF COURSE N.)	SR1389 TO SR1642	5	0.77	20	40					840	168	61	168					
		5	SR1929 (FOREST RDG. DR.)	SR 1397 TO CULDESAC	5	0.74	21	40					922	92	61	138					
		6	SR1283 (MULL ST.)	FROM SR1405 TO END	5 6	0.61 0.07	19 22	40					736	74	49	110					
		7	SR1309 (MAGNOLIA GRV. RD.)	NC27 TO SR1313	5	1.95	20	100		444			2,127	212	141	318					
		8	SR1930 (WOODBEND CT.)	SR1929 TO CUL-DE-SAC	5	0.07	18	40					120	18	8	18					
		9	SR1931 (HIGH RIDGE DR.)	SR1929 TO CUL-DE-SAC	5	0.23	18	40					277	40	19	40					
		10	SR1932 (RIDGEWAY RD.)	SR1929 TO CUL-DE-SAC	5	0.21	18	40					258	39	18	39					
		11	SR1933 (QUAILWOOD DR.)	SR1929 TO CUL-DE-SAC	5	0.11	18	40					159	26	11	26					
		12	SR1748 (HUNTING AVE.)	SR1333 TO CUL-DE-SAC	5	0.39	20	60					477	72	33	72					
		13	SR1824 (REYNARDS CIR.)	SR1748 TO CUL-DE-SAC	5	0.18	20	40					252	37	18	37					
<b>TOTAL FOR PROJ NO. 12CR.20551.5</b>						<b>6.66</b>		<b>520</b>	<b>2.66</b>	<b>0</b>	<b>444</b>	<b>1044</b>	<b>7,691</b>	<b>1,003</b>	<b>569</b>	<b>1,191</b>					
<b>GRAND TOTAL</b>						<b>8.08</b>		<b>600</b>	<b>2.66</b>	<b>63680</b>	<b>444</b>	<b>1044</b>	<b>12,582</b>	<b>1,736</b>	<b>907</b>	<b>1,924</b>	<b>2</b>	<b>20</b>	<b>21</b>	<b>1</b>	<b>1</b>

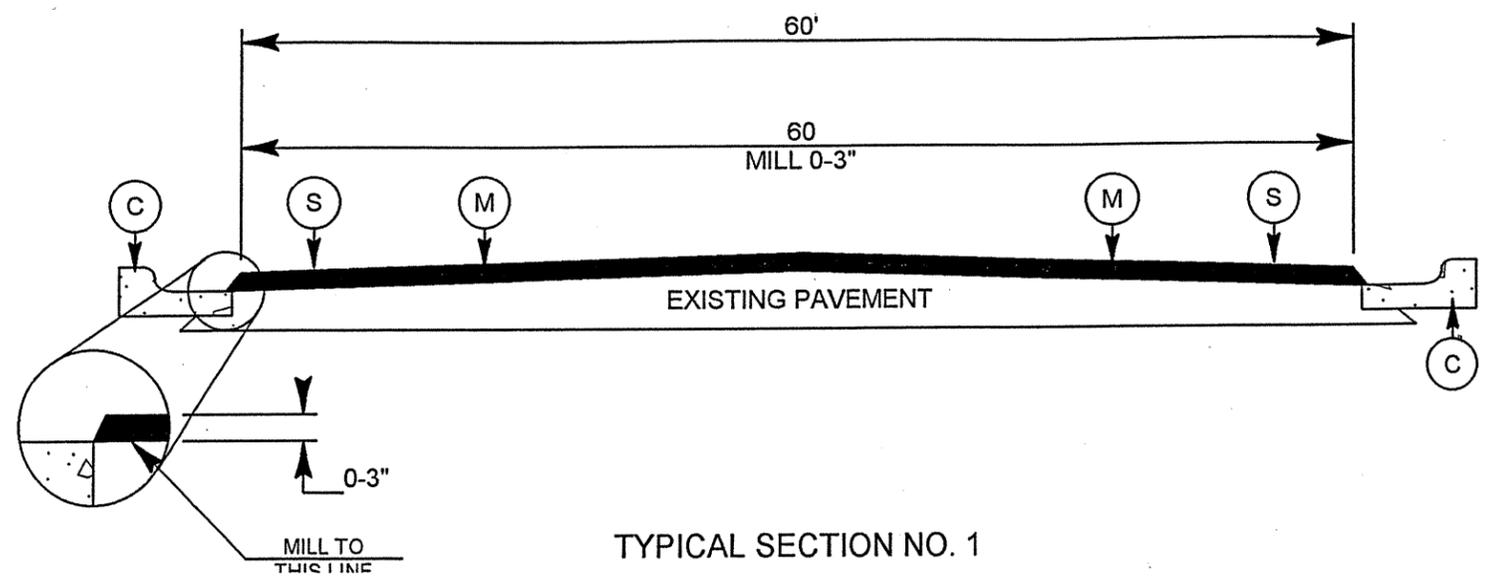
NOTE: MAPS 1 AND 2 SPLIT THE PORT. LIGHTING EVENLY.

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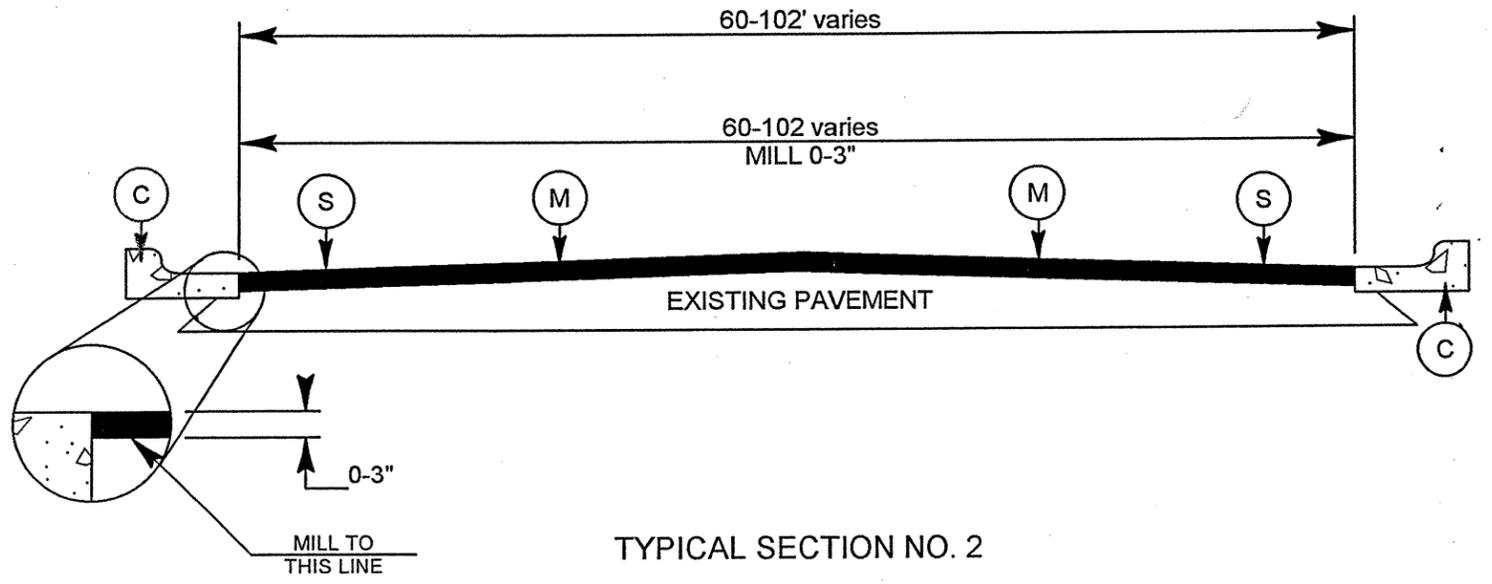
## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4686000000-E		4705000000-E	4710000000-E	4721000000-E		4725000000-E				4810000000-E		4905000000-N
					4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO CHARS. SCHOOL 120 M EA	THERMO CHARS. RXR 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR. ARROW	THERMO STR & RT ARROW 90 M EA	THERMO RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	SNOW PLOWABLE MARKERS EA
					LF	LF	LF	LF	EA	EA	EA		M EA	EA	LF	LF	EA
12CR.10551.4	Lincoln	1	NC27	SR1294 TO END 4 LANES	2,200	11,000		360			30	25	4		2,200	11,000	240
		2	NC27\NC150	US321B/NC150 TO US321 BRDG	2,500	12,000		350	12		17	15	3	8	2,500	12,000	270
<b>TOTAL FOR PROJ NO. 12CR.10551.4</b>					<b>4,700</b>	<b>23,000</b>		<b>710</b>	<b>12</b>		<b>47</b>	<b>40</b>	<b>7</b>	<b>8</b>	<b>4,700</b>	<b>23,000</b>	<b>510</b>
					<b>27,700</b>				<b>12</b>		<b>102</b>				<b>27,700</b>		
12CR.20551.5	Lincoln	3	SR1184 (ROCK DAM RD.)	NC 27 TO SR1185				124	12						28,000	28,000	
		4	SR1754 (GOLF COURSE N.)	SR1389 TO SR1642											16,500	16,200	
		5	SR1929 (FOREST RDG. DR.)	SR 1397 TO CULDESAC													
		6	SR1283 (MULL ST.)	FROM SR1405 TO END											14,650	14,650	
		7	SR1309 (MAGNOLIA GRV. RD.)	NC27 TO SR1313			100	74		4					41,200	41,200	
		8	SR1930 (WOODBEND CT.)	SR1929 TO CUL-DE-SAC													
		9	SR1931 (HIGH RIDGE DR.)	SR1929 TO CUL-DE-SAC													
		10	SR1932 (RIDGEWAY RD.)	SR1929 TO CUL-DE-SAC													
		11	SR1933 (QUAILWOOD DR.)	SR1929 TO CUL-DE-SAC													
		12	SR1748 (HUNTING AVE.)	SR1333 TO CUL-DE-SAC													
		13	SR1824 (REYNARDS CIR.)	SR1748 TO CUL-DE-SAC													
<b>TOTAL FOR PROJ NO. 12CR.20551.5</b>							<b>100</b>	<b>198</b>	<b>12</b>	<b>4</b>					<b>100,350</b>	<b>100,050</b>	
					<b>200,400</b>				<b>16</b>						<b>200,400</b>		
<b>GRAND TOTAL</b>					<b>4,700</b>	<b>23,000</b>	<b>100</b>	<b>908</b>	<b>24</b>	<b>4</b>	<b>47</b>	<b>40</b>	<b>7</b>	<b>8</b>	<b>105,050</b>	<b>123,050</b>	<b>510</b>
					<b>27,700</b>				<b>28</b>		<b>102</b>				<b>228,100</b>		

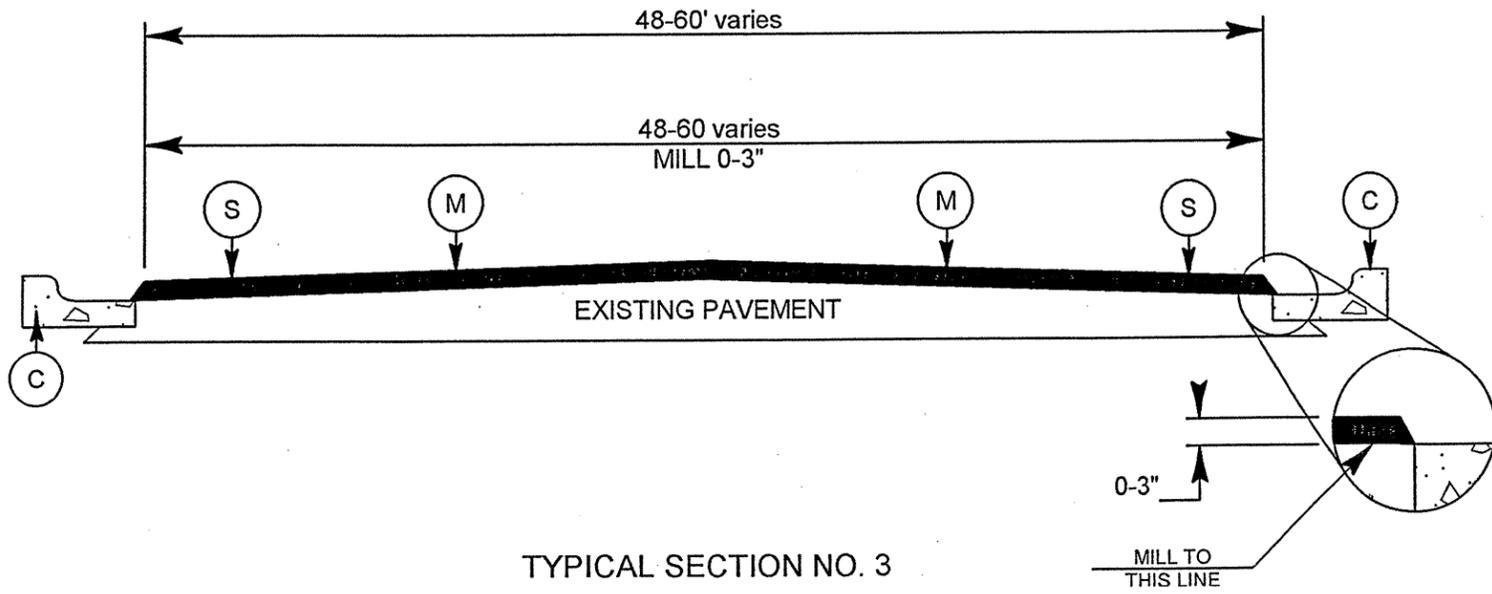
PROJECT NO.	SHEET NO.	TOTAL SHEETS
12.CR10551.4, 12CR.20551.5	3	8



TYPICAL SECTION NO. 1



TYPICAL SECTION NO. 2



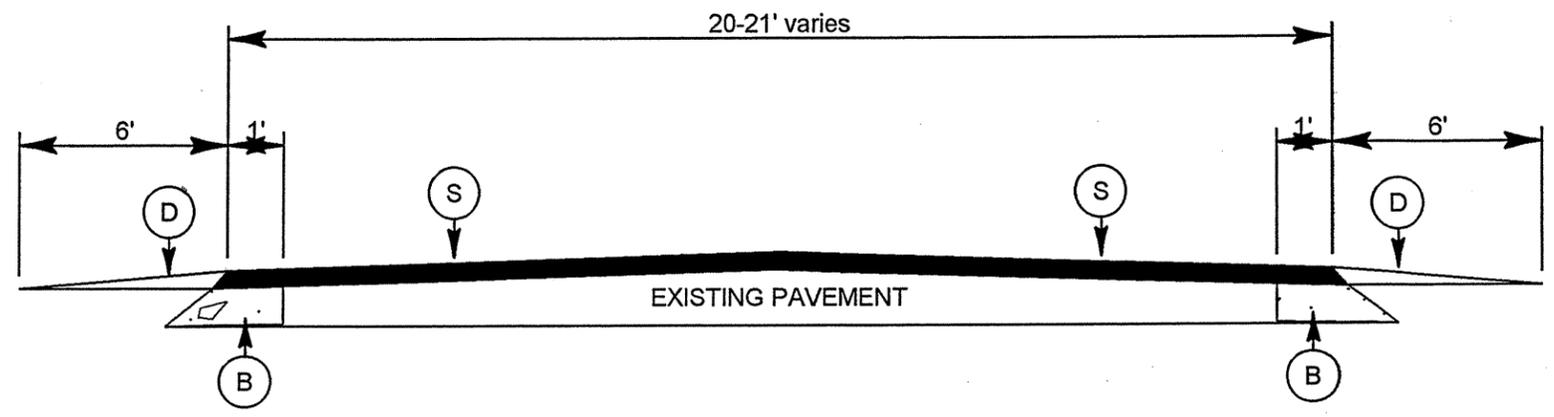
TYPICAL SECTION NO. 3

PAVEMENT SCHEDULE	
A	EXISTING ASPHALT CURB
B	PROP. APPROX. 8" OF BIT. CONCRETE BASE COURSE, TYPE B 25.0B AT AN AVERAGE RATE OF 456 LBS PER SQ. YD. IN EACH OF TWO 4" LAYERS.
C	EXISTING CONCRETE C.G
D	PROP. SHOULDER RECONSTRUCTION
M	PROP. 0-3" MILLING
S	PROP APPROX. 1.5" ASPHALT SURFACE COURSE TYPE S 9.5B AT AN AVG. RATE OF 168 LBS PER SQ. YD.

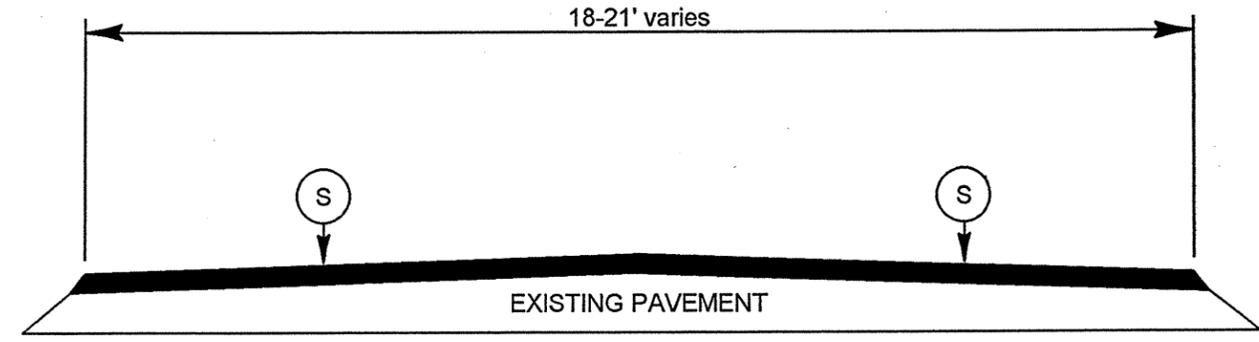
Notes:

1. Pavement edge slopes are 1:1 unless shown otherwise.
2. Mill bridge approaches 100' to provide smooth transition unless directed otherwise by the engineer.

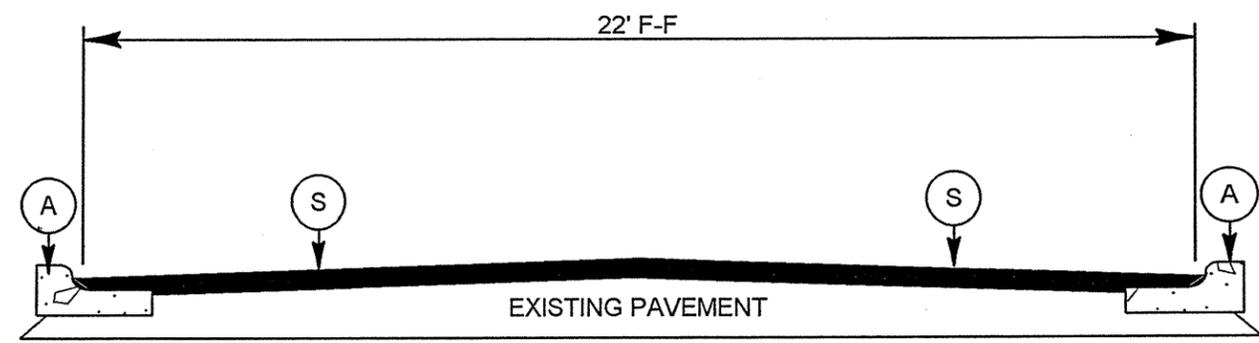
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12.CR10551.4, 12CR.20551.5	4	8



TYPICAL SECTION NO. 4

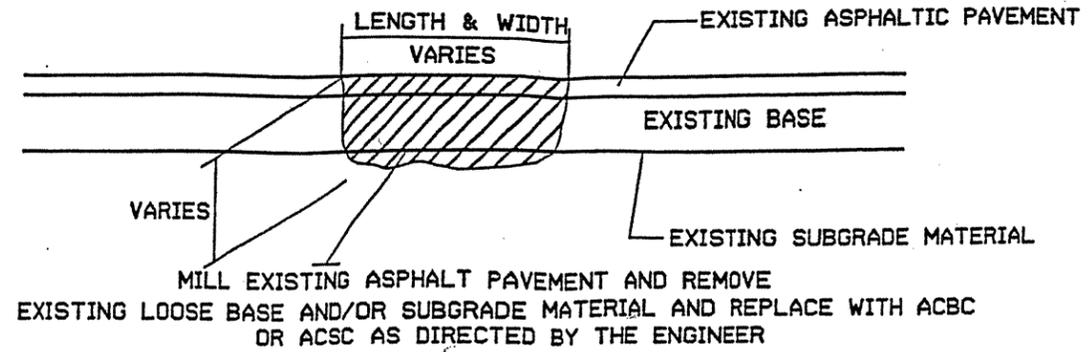


TYPICAL SECTION NO. 5



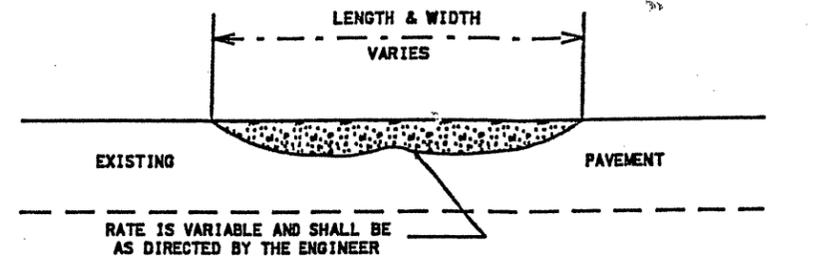
TYPICAL SECTION NO. 6

PROJECT NO. 12.CR10551.4, 12CR.20551.5	SHEET NO. 5	TOTAL SHEETS 8
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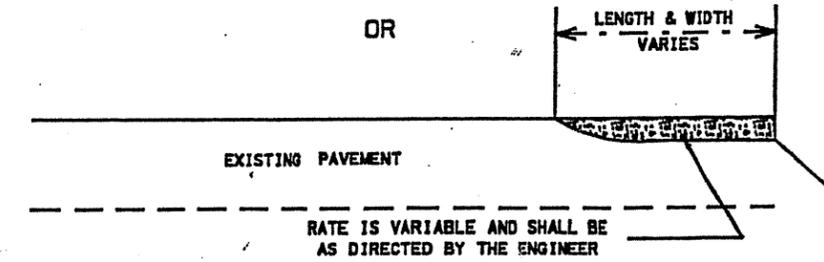


MILL EXISTING ASPHALT PAVEMENT AND REMOVE EXISTING LOOSE BASE AND/OR SUBGRADE MATERIAL AND REPLACE WITH ACBC OR ACSC AS DIRECTED BY THE ENGINEER

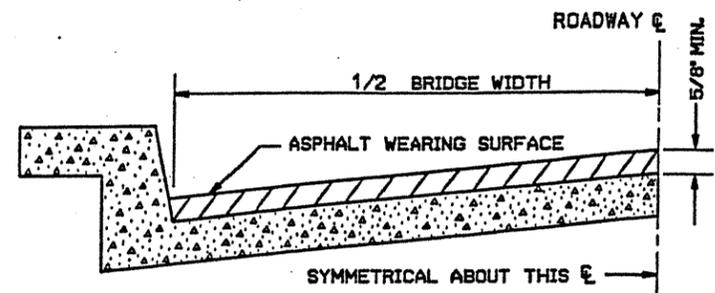
PATCHING EXISTING PAVEMENT



OR



ASPHALT CONCRETE SURFACE COURSE  
TYPE S9.5B. (LEVELING COURSE)



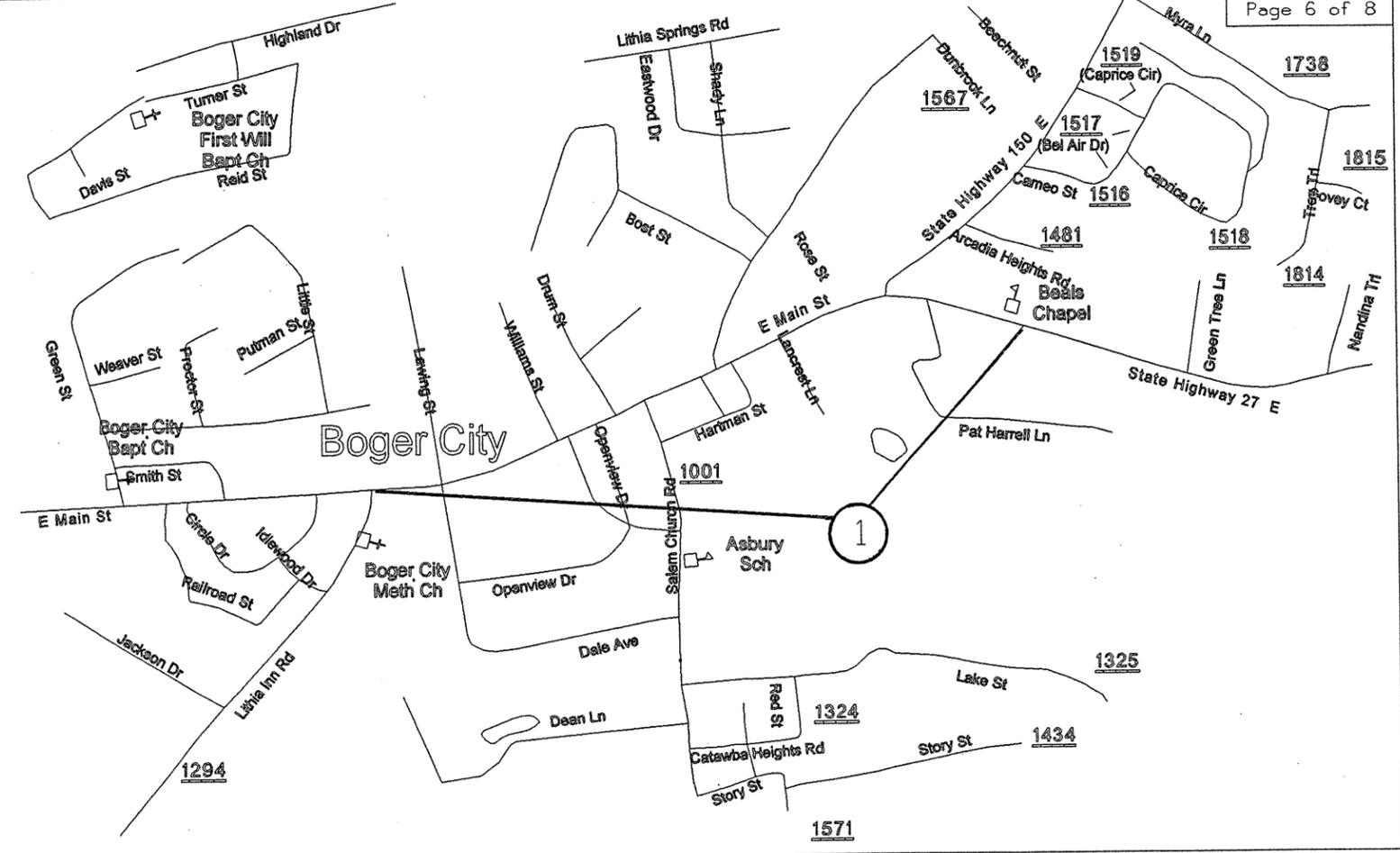
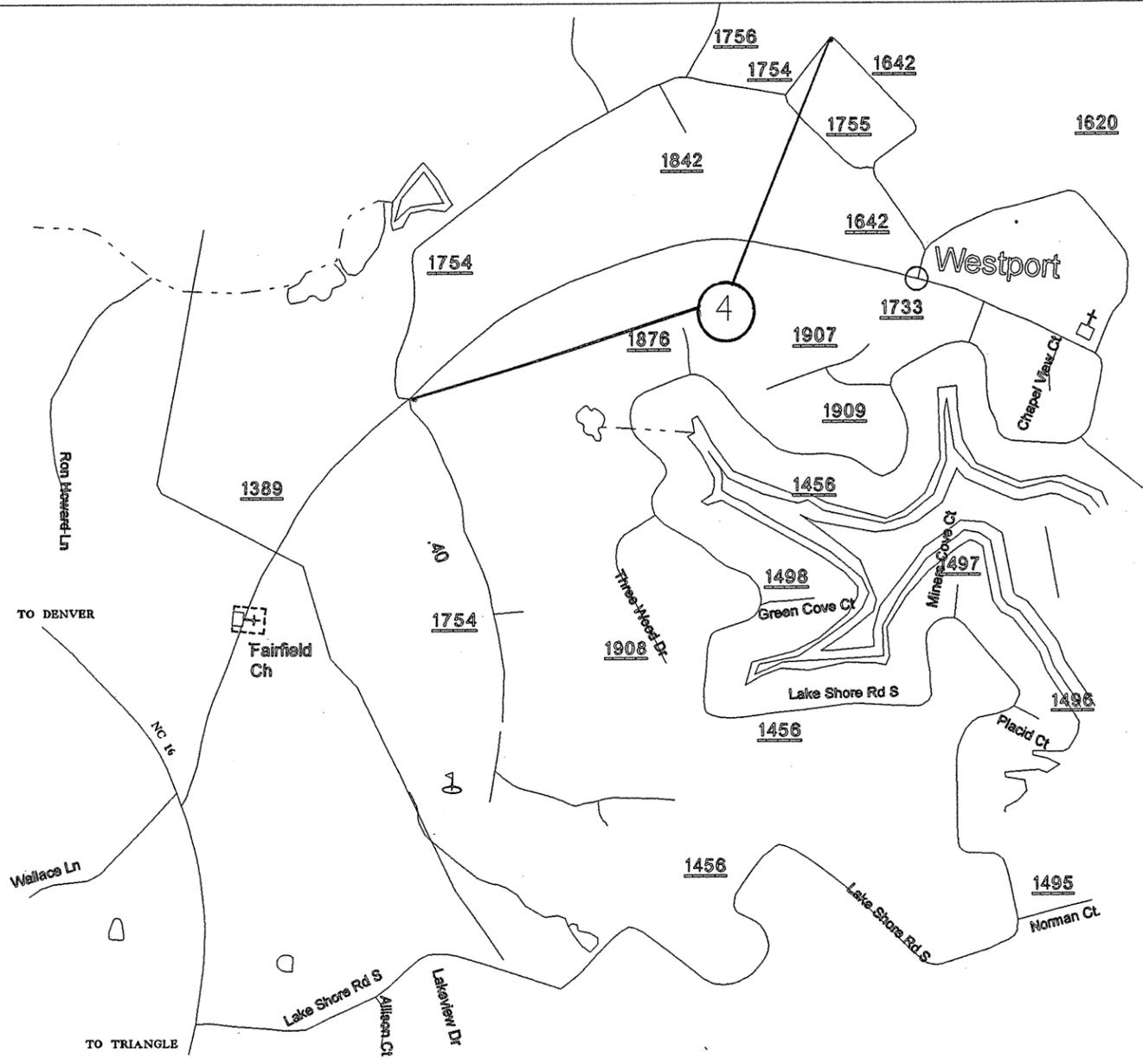
BRIDGE HALF TYPICAL SECTION

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.

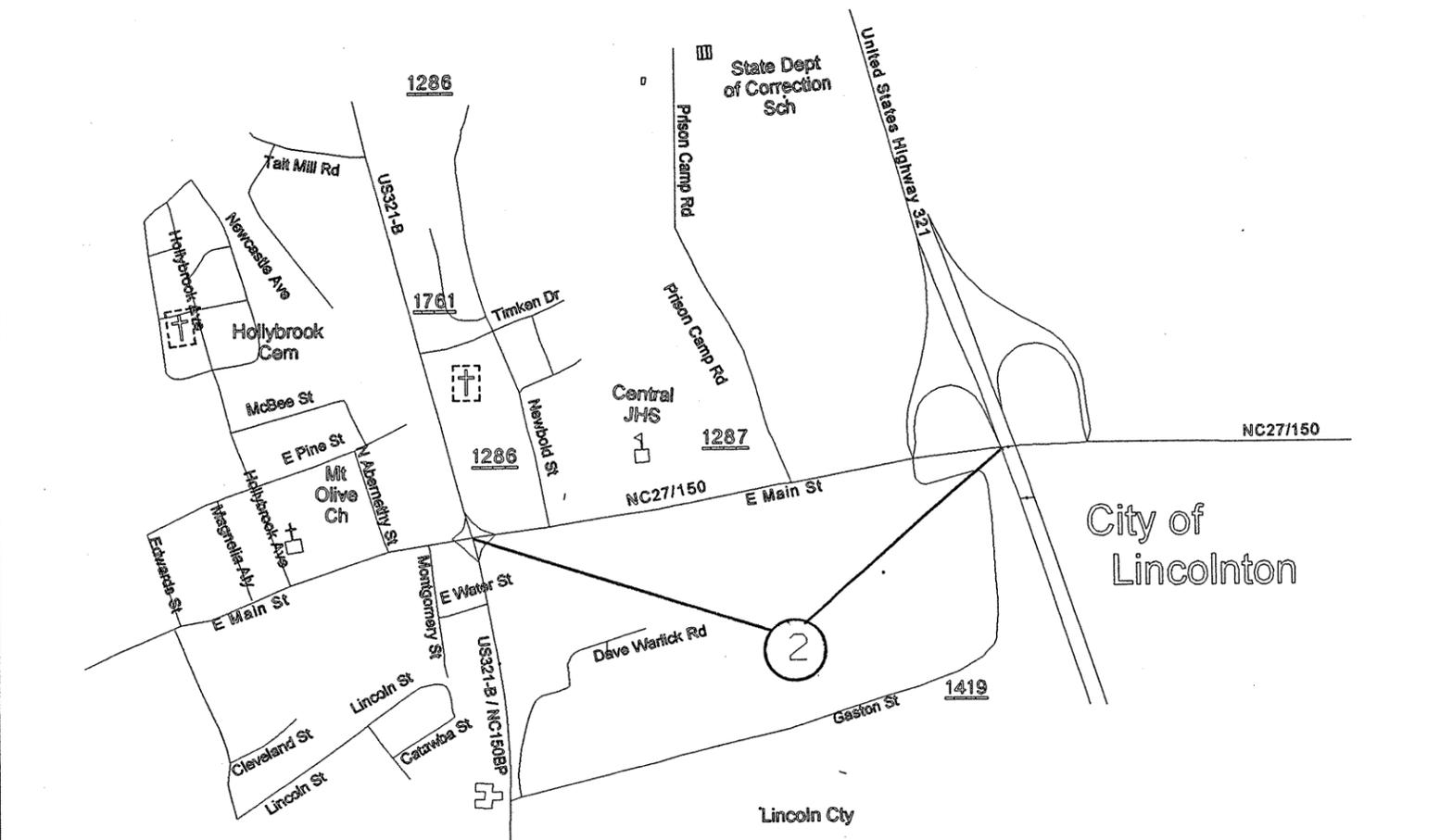
NOTES

ALL UNPAVED S.R. ROADS TO BE SURFACED 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 NOTED.  
BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.



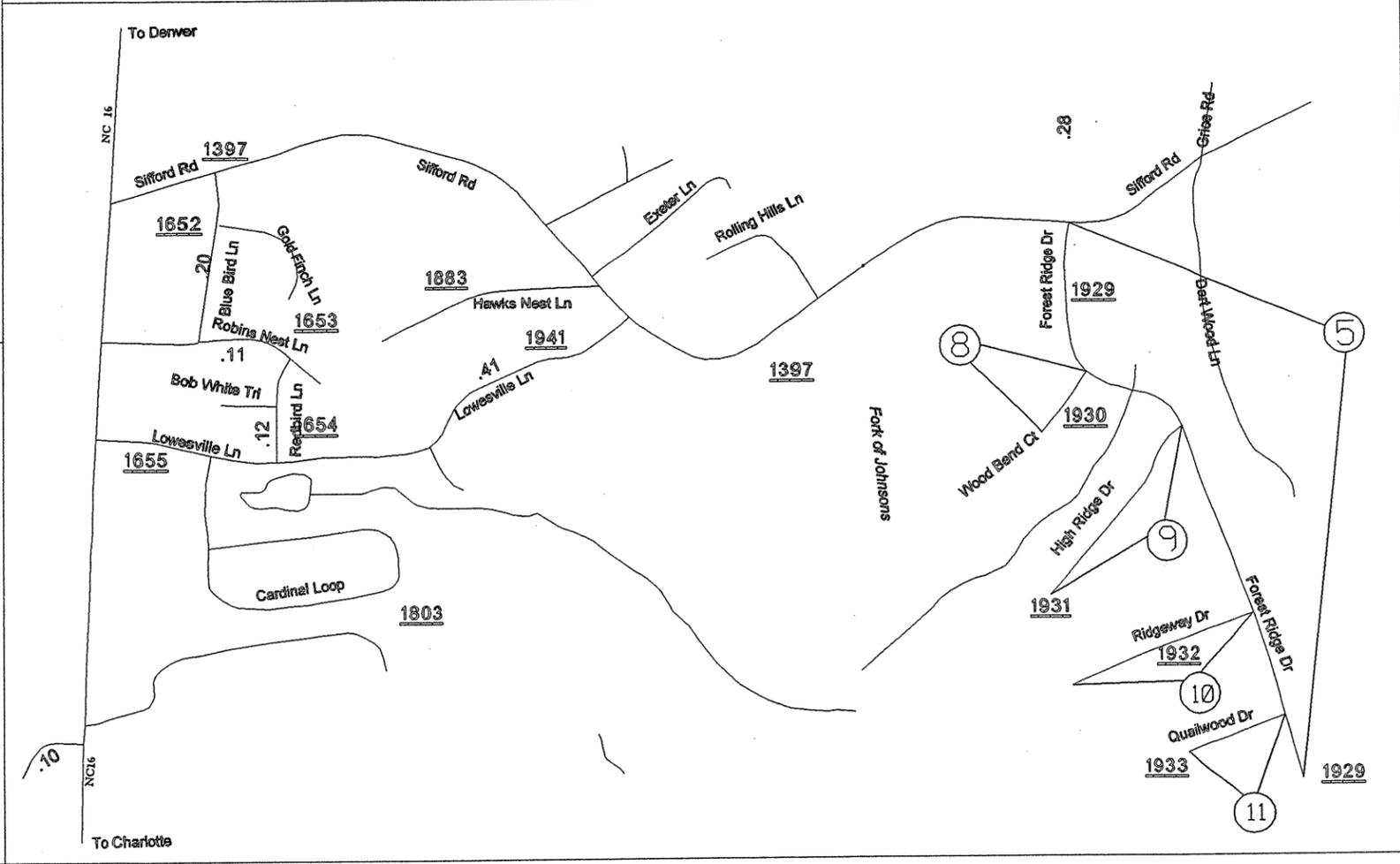
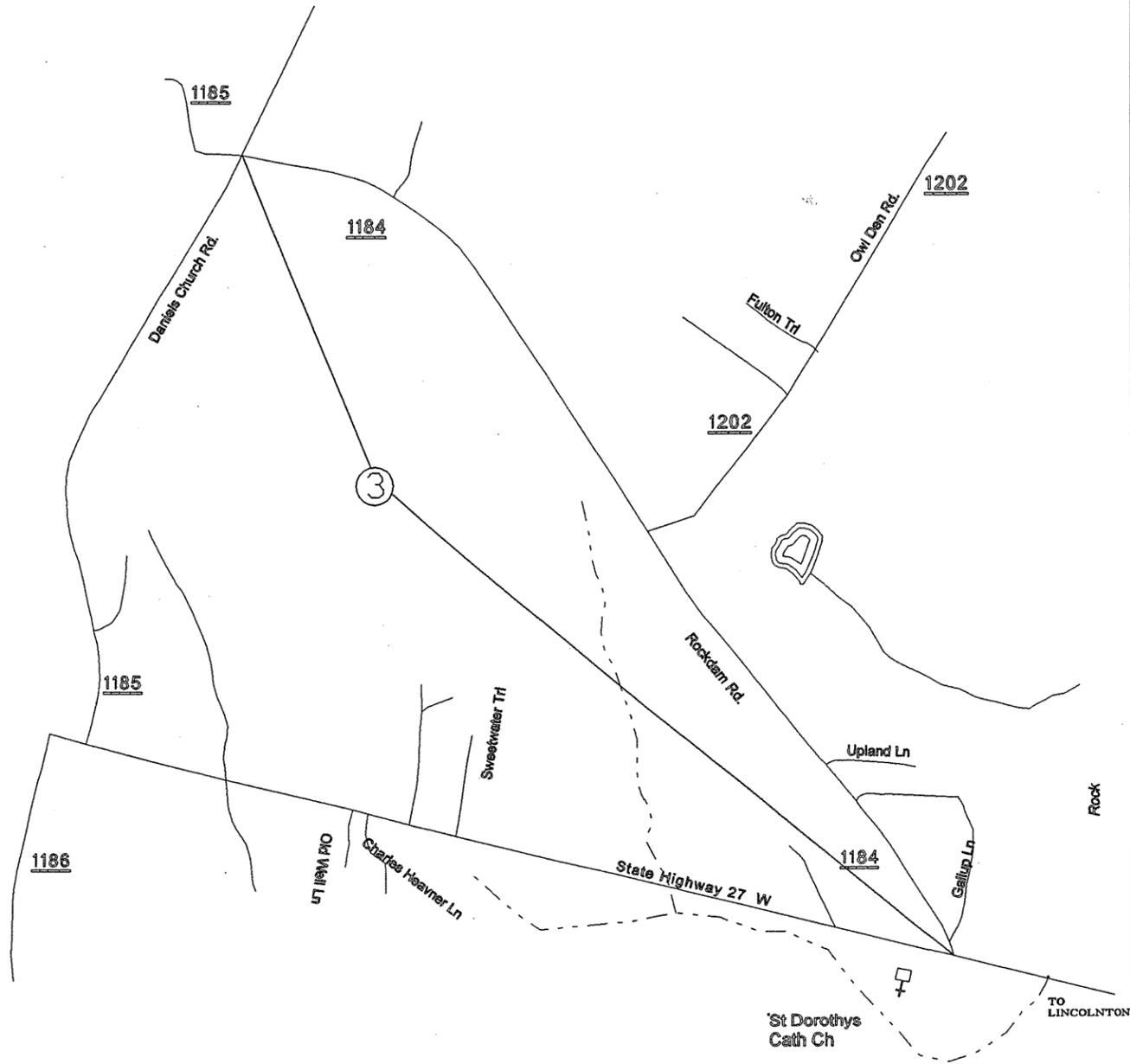
# LINCOLN COUNTY NORTH CAROLINA

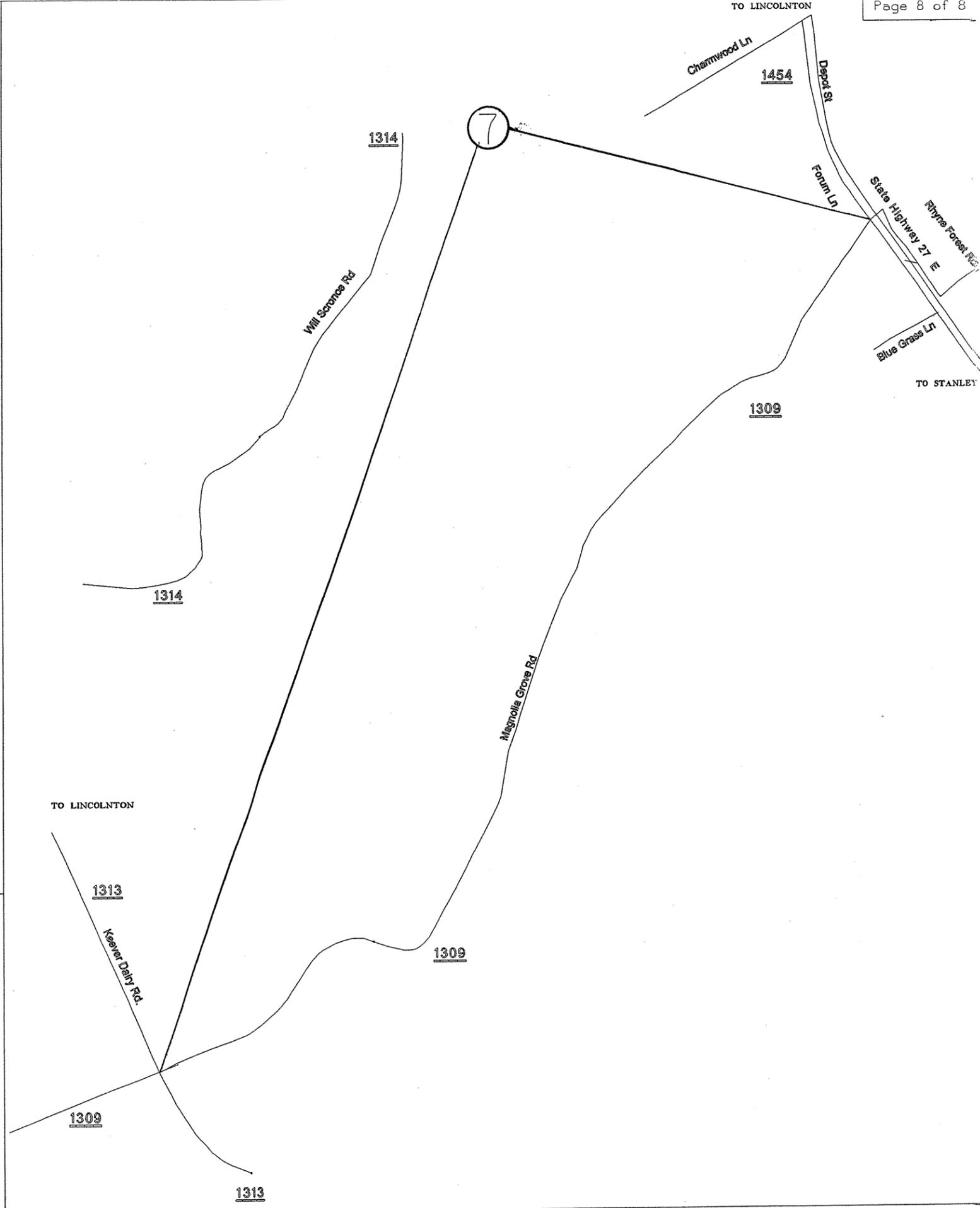
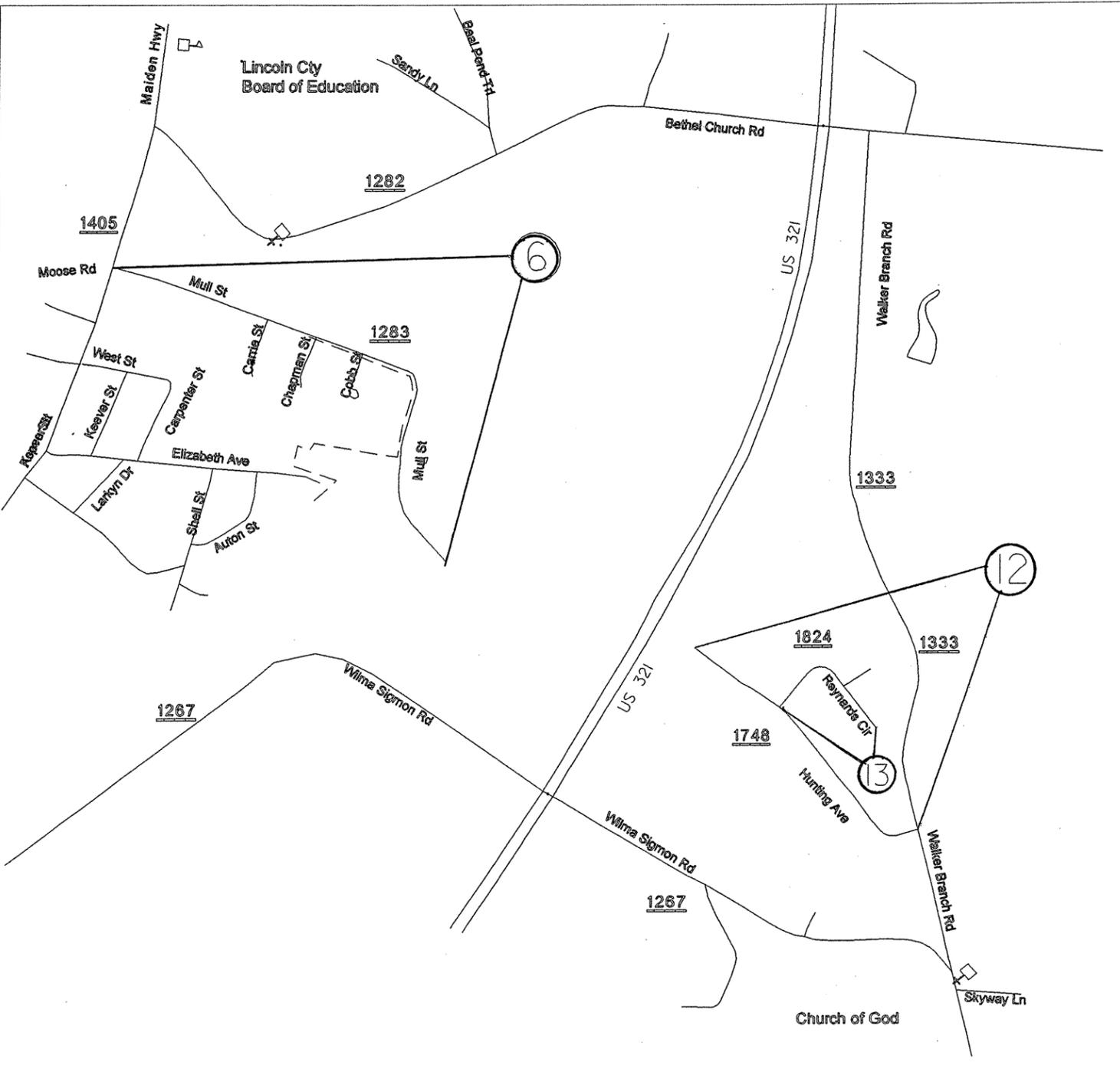
12CR.10551.4  
12CR.20551.5



# LINCOLN COUNTY NORTH CAROLINA

12CR.10551.4  
12CR.20551.5



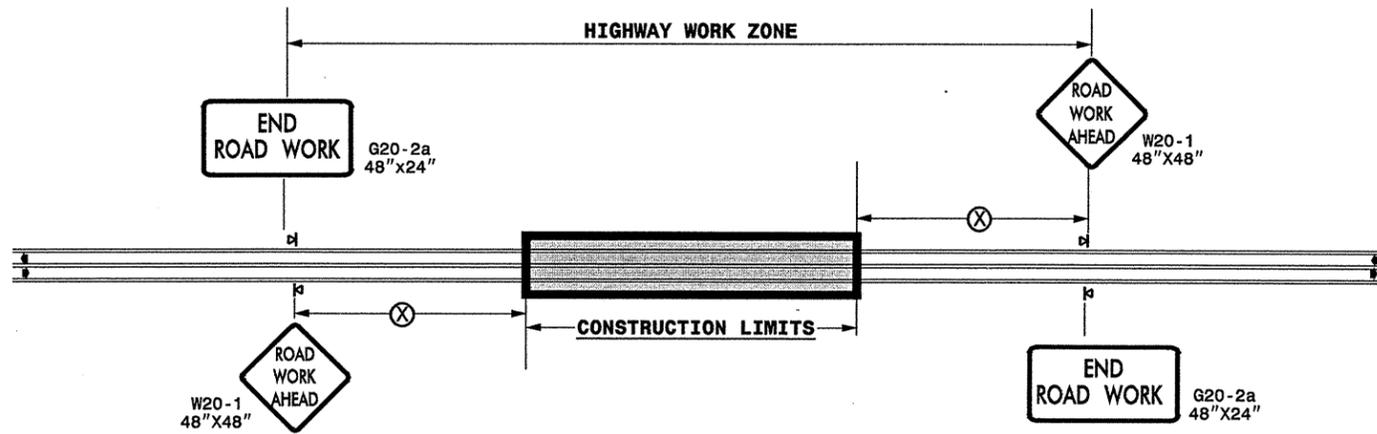


# LINCOLN COUNTY NORTH CAROLINA

12CR.10551.4  
12CR.20551.5



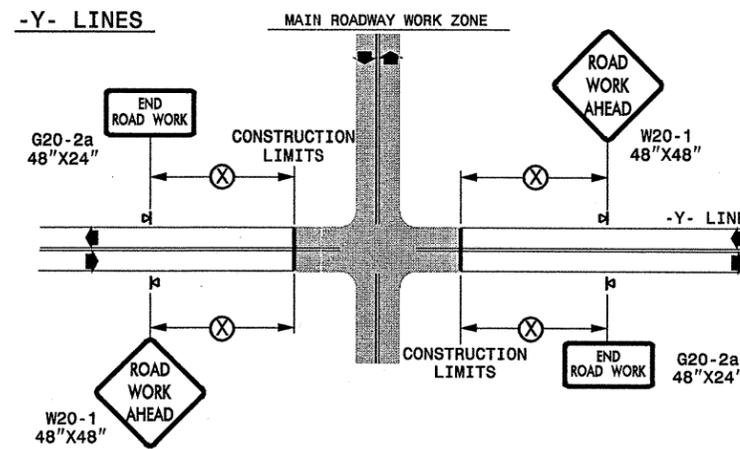
**TWO-WAY UNDIVIDED \*\* (L-LINES)**



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**

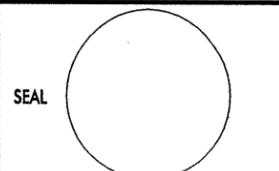
- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH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

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