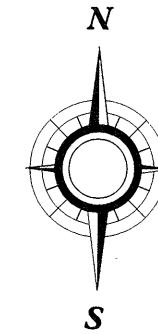
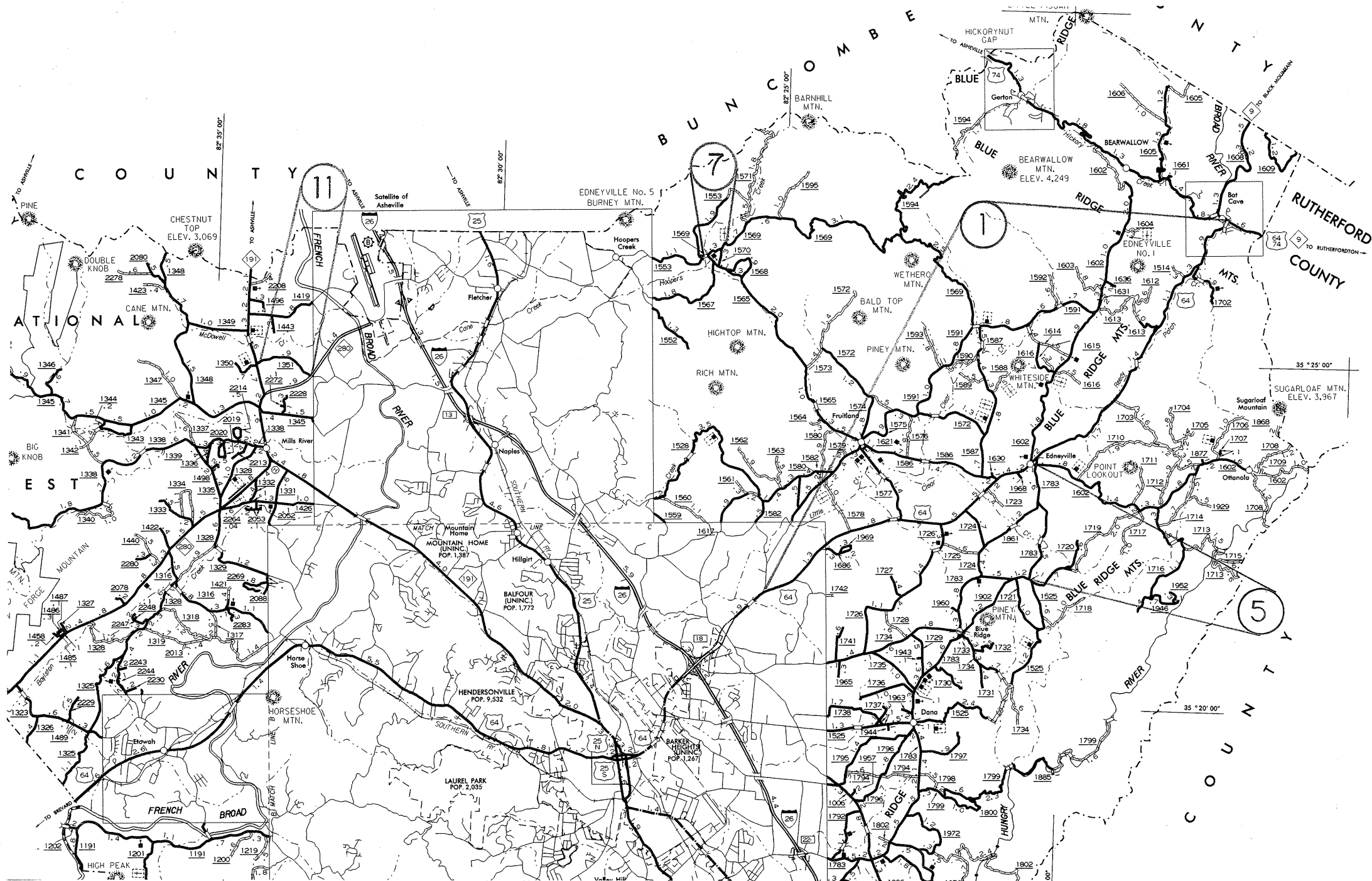


HENDERSON COUNTY

NORTH CAROLINA

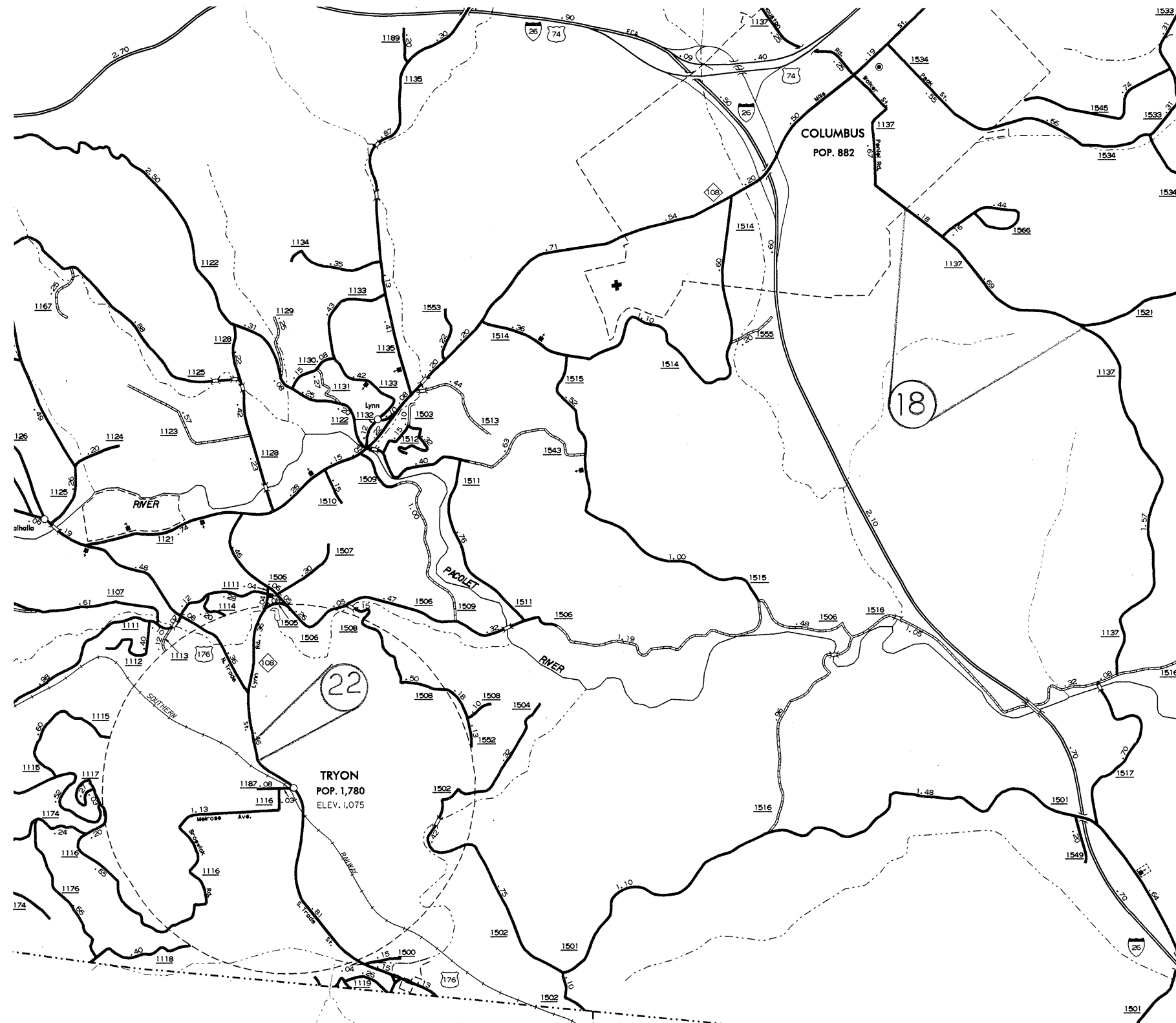
PROJECT REFERENCE NO.		SHEET NO.	
14CR.10451.2		1 of 10	
STATE PROJECT	F.A.PROJECT NO.	DESCRIPTION	
14CR.10451.2			
14CR.20451.6			
14CR.20751.5			
14C.075059			
14C.075060			
14C.075061			
14C.075073			
36588			



POLK COUNTY

NORTH CAROLINA

PROJECT REFERENCE NO.		SHEET NO.
14CR.10451.2		2 of 10
STATE PROJECT	F.A.PROJECT NO.	DESCRIPTION
14CR.10451.2		
14CR.20451.6		
14CR.20751.5		
14C.075059		
14C.075060		
14C.075061		
14C.075073		
36588		

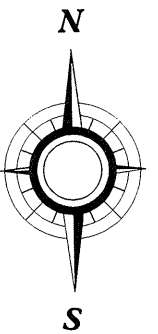
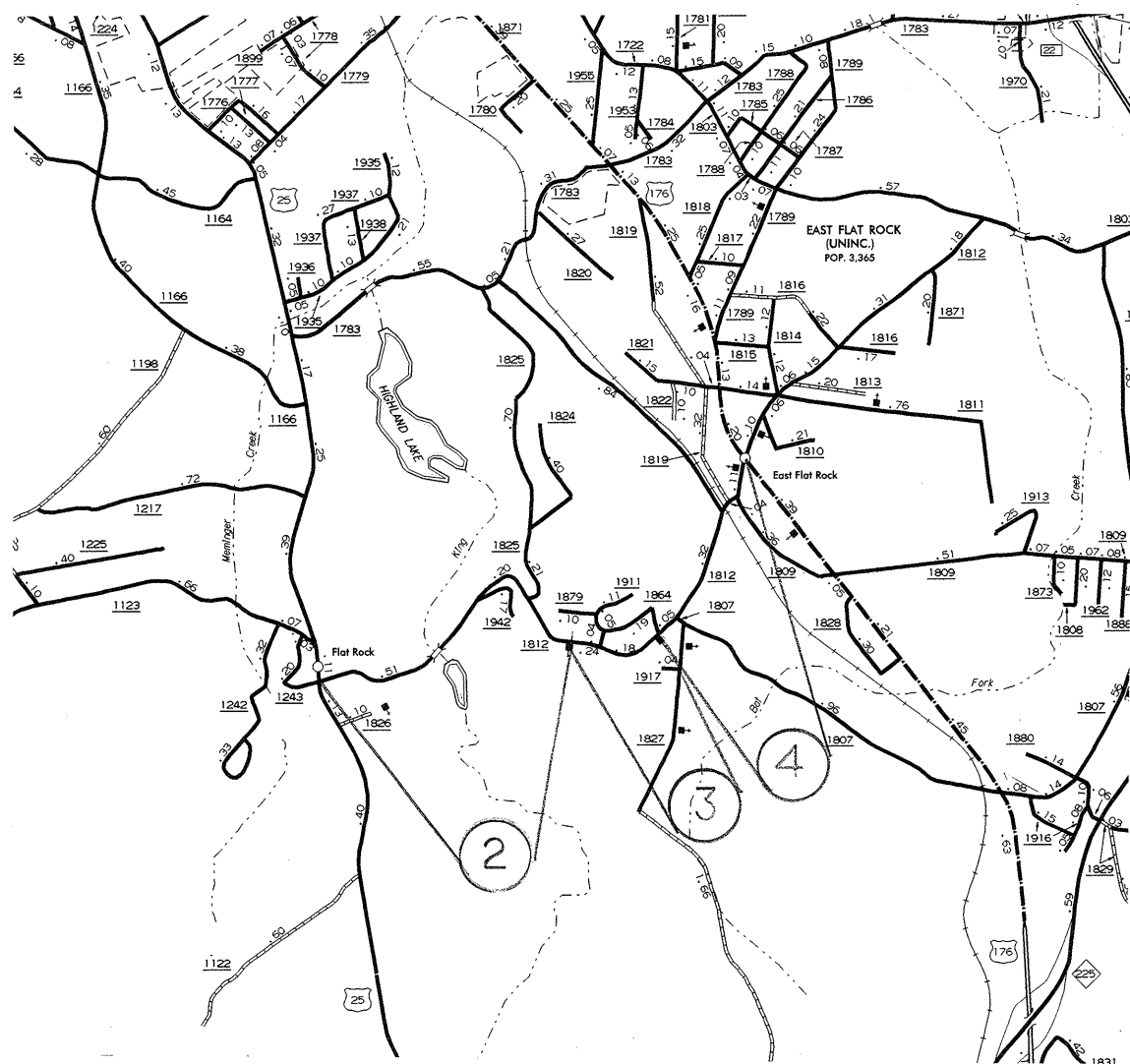


COLUMBUS AND TRYON

PROJECT REFERENCE NO.		SHEET NO.	
14CR.10451.2		3 of 10	
STATE PROJECT	F.A.PROJECT NO.	DESCRIPTION	
14CR.10451.2			
14CR.20451.6			
14CR.20751.5			
14C.075059			
14C.075060			
14C.075061			
14C.075073			
36588			

HENDERSON COUNTY

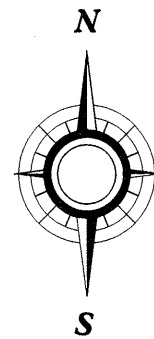
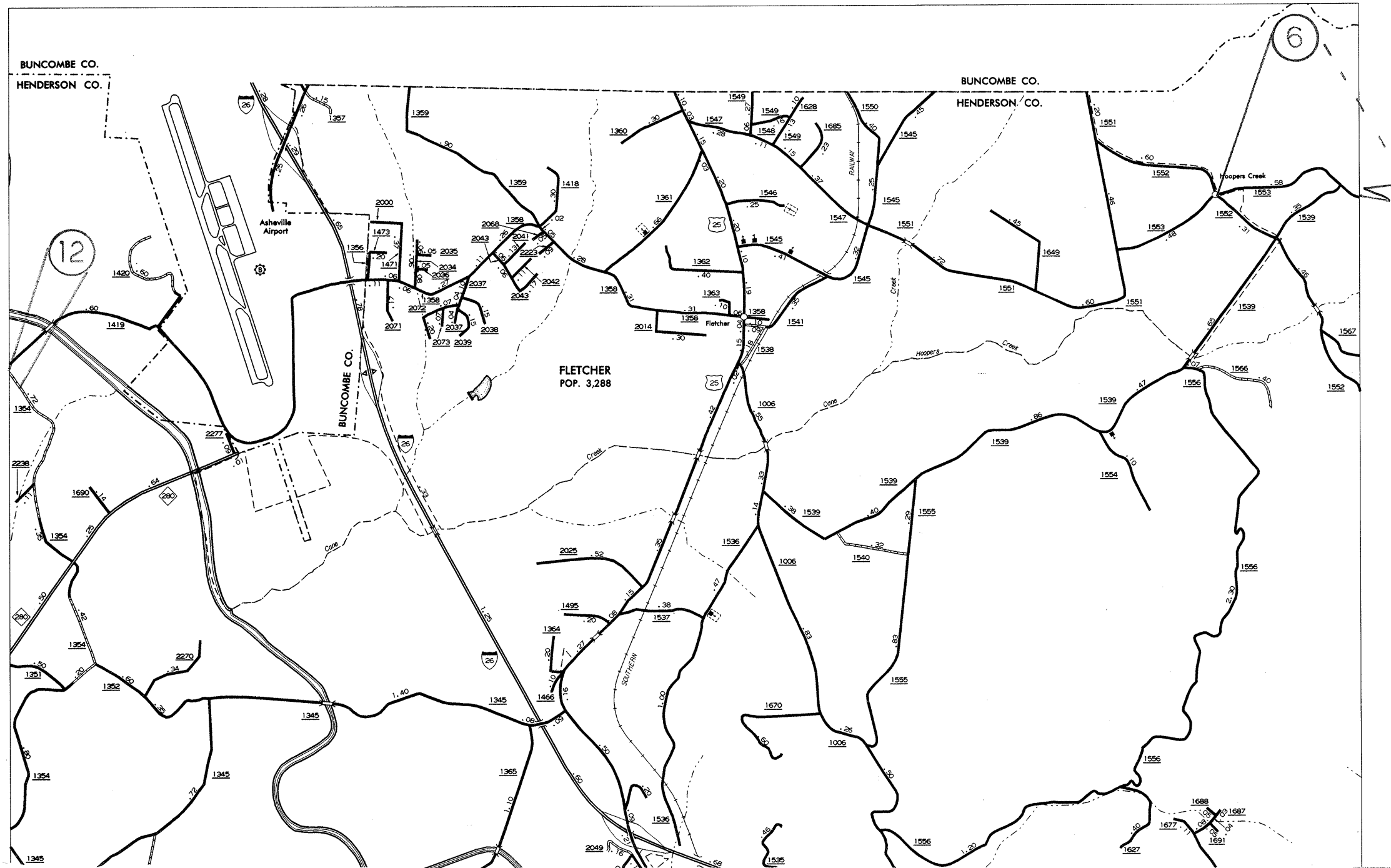
NORTH CAROLINA



HENDERSON COUNTY

NORTH CAROLINA

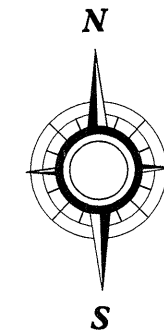
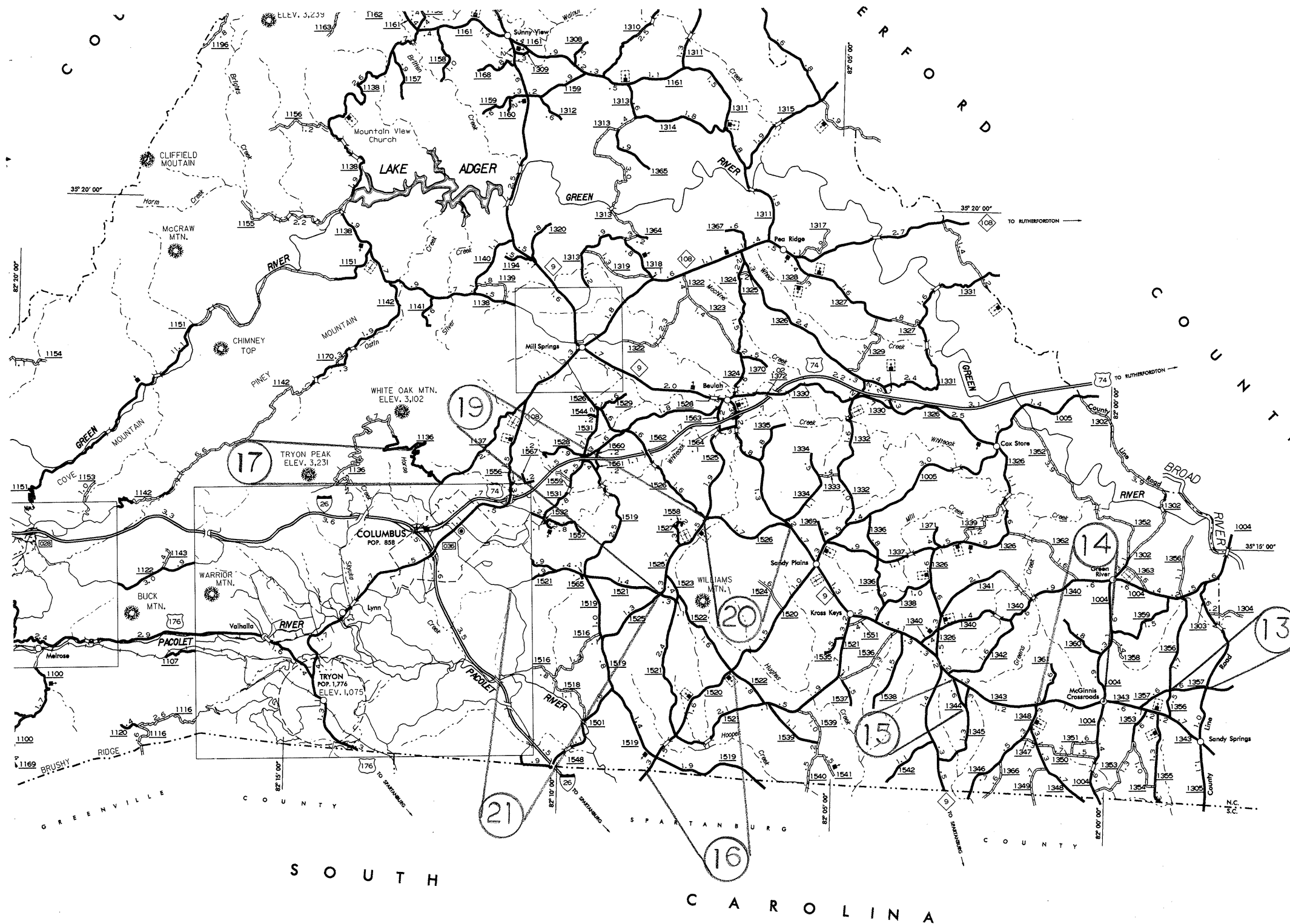
PROJECT REFERENCE NO.		SHEET NO.	
14CR.10451.2		4 of 10	
STATE PROJECT	F.A.PROJECT NO.	DESCRIPTION	
14CR.10451.2			
14CR.20451.6			
14CR.20751.5			
14C.075059			
14C.075060			
14C.075061			
14C.075073			
36588			



POLK COUNTY

NORTH CAROLINA

PROJECT REFERENCE NO.		SHEET NO.	
14CR.10451.2		5 of 10	
STATE PROJECT	F.A.PROJECT NO.	DESCRIPTION	
14CR.10451.2			
14CR.20451.6			
14CR.20751.5			
14C.075059			
14C.075060			
14C.075061			
14C.075073			
36588			



PROJECT NO.	SHEET NO.	TOTAL NO.
14CR.10451.2, 14CR.20451.6 14CR.20751.5, ETC.	6	10

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	SHOULDER RECONSTRUCTION SMI	3" MILLING SY	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	SF9.5A LEVELING TON	PG 64-22 PLANT MIX TONS	JOINT REPAIR SY	MANHOLES EA	METER OR VALVE BOX EA
14CR.10451.2	Henderson	1	US64	FROM SR1574 TO US74	5	10.67	23	21.34	36,003		6,464	12,698	8,466	1,616	285.00		
TOTAL FOR PROJ NO. 14CR.10451.2						10.67		21.34	36,003		6,464	12,698	8,466	1,616	285.00		
14CR.20451.6	Henderson	2	SR1812	FROM NC225 TO PVMT CHNG (MP 0.88)	4	0.88	20			494		911		76			1
		3	SR1812	FROM PVMT CHNG (MP 0.88) TO BEGINNING C&G (MP 1.29)	1	0.41	24					509		31			2
		4	SR1812	FROM BEGINNING C&G (MP 1.29) TO US176	2	0.41	32					679		41			4
		5	SR1783	FROM SR1902 TO SR1719	4	2.10	20			1,180		2,173		181			
		6	SR1553	FROM SR1552 TO SR1569	3	1.63	18					1,518	633	132			
		7	SR1569	FROM SR1553 TO SR1570	1	0.39	20					404		24			
		8	SR1622	FROM SR1006 TO SR1583	1	1.03	18					959		58			
		9	SR1622	FROM SR1583 TO SR1582	1	1.80	20					1,863		112			
		10	SR1582	FROM SR1622 TO SR1574	1	1.57	20					1,625		98			
		11	SR1351	FROM NC280 TO NC191	1	1.07	20					1,107		66			
		12	SR1354	FROM SR1351 TO PVMT JT. 0.11 MILE SOUTHEAST	4	0.11	20			62		114		10		2.00	
TOTAL FOR PROJ NO. 14CR.20451.6						11.40		0	0	1,736		11,862	633	829		2.00	7
14CR.20751.5	Polk	13	SR1537	FROM SR1356 TO RUTHERFORD CO. LINE	1	0.50	18					466		28			
		14	SR1343	FROM SR1004 TO SR1348	1	0.88	18					820		49			
		15	SR1344	FROM SR1343 TO SR1345	1	0.41	24					509		31			
		16	SR1520	FROM SR1522 TO SOUTH CAROLINA LINE	1	2.41	20					2,494		150			
		17	SR1136	FROM SR1137 1.50 MILES NORTHWEST	3	1.50	18					1,397	582	122			
TOTAL FOR PROJ NO. 14CR.20751.5						5.70		0	0	0		5,686	582	380			
14C.075059	Polk	18	SR1137	FROM SCL COLUMBUS TO SR1521	6	0.85	24					1,407		84			
TOTAL FOR PROJ NO. 14C.075059						0.85		0	0	0		1,407		84			
14C.075060	Polk	19	SR1525	FROM SR1521 TO SR1526	6	1.50	24					2,484		149			
TOTAL FOR PROJ NO. 14C.075060						1.50		0	0	0		2,484		149			
14C.075061	Polk	20	SR1526	FROM SR1525 TO NC9	6	1.70	24					2,815		169			
TOTAL FOR PROJ NO. 14C.075061						1.70		0	0	0		2,815		169			
14C.075073	Polk	21	SR1521	FROM SR1137 TO SR1525	6	2.75	24					4,553		273			
TOTAL FOR PROJ NO. 14C.075073						2.75		0	0	0		4,553		273			
36588	Polk	22	US176	FROM W. HOWARD STREET TO OLA MAY WAY	7	0.09	36					211		13		8.00	4
TOTAL FOR PROJ NO. 36588						0.09		0	0	0		211		13		8.00	4
GRAND TOTAL						34.66		21.34	36,003	1,736	6,464	41,716	9,681	3,513	285.00	10.00	11

PROJECT NO.	SHEET NO.	TOTAL NO.
14CR.10451.2, 14CR.20451.6 14CR.20751.5, ETC.	7	10

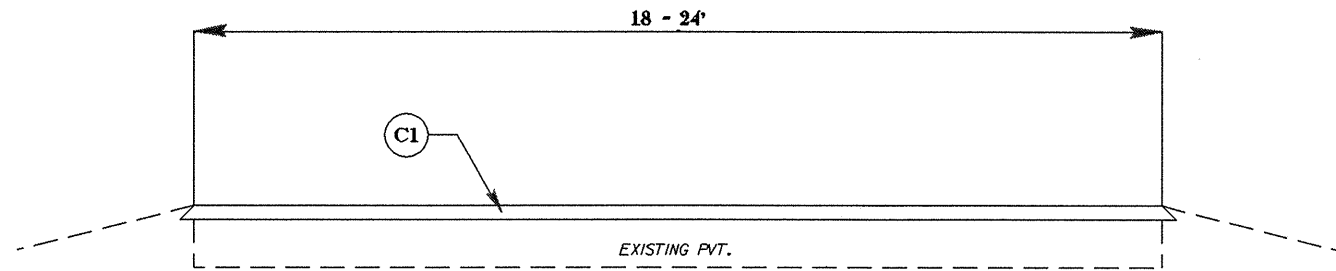
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	481000000-E	484700000-E		484714000-E	484720000-N
					4" YELLOW PAINT LF	4" WHITE POLYUREA LINES (STD. BEADS) LF	4" YELLOW POLYUREA LINES (STD. BEADS) LF	24" WHITE POLYUREA LINES (STD. BEADS) LF	POLYUREA MSG SCHOOL (STD. BEADS) EA
14CR.10451.2	Henderson	1	US64	FROM SR1574 TO US74	102,209	112,880	102,209	88	12
TOTAL FOR PROJ NO. 14CR.10451.2					102,209	112,880	102,209	88	12
					215,089				
14CR.20451.6	Henderson	2	SR1812	FROM NC225 TO PVMT CHNG (MP 0.88)					
		3	SR1812	FROM PVMT CHNG (MP 0.88) TO BEGINNING C&G (MP 1.29)					
		4	SR1812	FROM BEGINNING C&G (MP1.29) TO US176					
		5	SR1783	FROM SR1602 TO SR1719					
		6	SR1553	FROM SR1552 TO SR1569					
		7	SR1569	FROM SR1553 TO SR1570					
		8	SR1622	FROM SR1006 TO SR1583					
		9	SR1622	FROM SR1583 TO SR1582					
		10	SR1582	FROM SR1622 TO SR1574					
		11	SR1351	FROM NC280 TO NC191					
		12	SR1354	FROM SR1351 TO PVMT JT. 0.11 MILE SOUTHEAST					
TOTAL FOR PROJ NO. 14CR.20451.6									
14CR.20751.5	Polk	13	SR1537	FROM SR1356 TO RUTHERFORD CO. LINE					
		14	SR1343	FROM SR1004 TO SR1348					
		15	SR1344	FROM SR1343 TO SR1345					
		16	SR1520	FROM SR1522 TO SOUTH CAROLINA LINE					
		17	SR1136	FROM SR1137 1.50 MILES NORTHWEST					
TOTAL FOR PROJ NO. 14CR.20751.5									
14C.075059	Polk	18	SR1137	FROM SCL COLUMBUS TO SR1521					
TOTAL FOR PROJ NO. 14C.075059									
14C.075060	Polk	19	SR1525	FROM SR1521 TO SR1526					
TOTAL FOR PROJ NO. 14C.075060									
14C.075061	Polk	20	SR1526	FROM SR1525 TO NC9					
TOTAL FOR PROJ NO. 14C.075061									
14C.075073	Polk	21	SR1521	FROM SR1137 TO SR1525					
TOTAL FOR PROJ NO. 14C.075073									
36588	Polk	22	US176	FROM W. HOWARD STREET TO OLA MAY WAY					
TOTAL FOR PROJ NO. 36588									
GRAND TOTAL					102,209	112,880	102,209	88	12
					215,089				

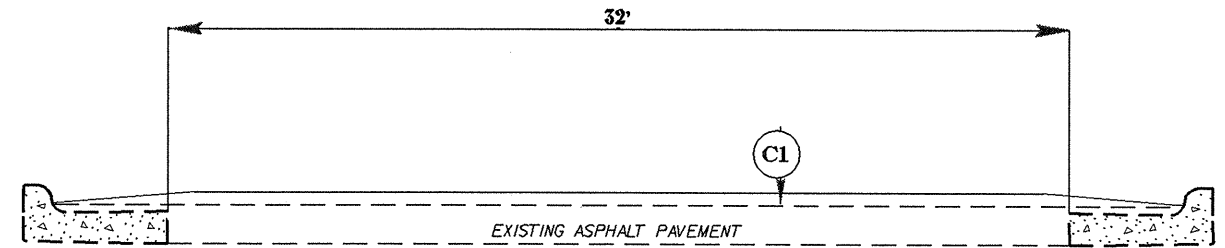
050197

PROJECT REFERENCE NO.		SHEET NO.
14CR.10451.2		8 OF 10
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.10451.2		
14CR.20451.6		
14CR.20751.5		
14C.075059		
14C.075060		
14C.075061		
14C.075073		
36988		

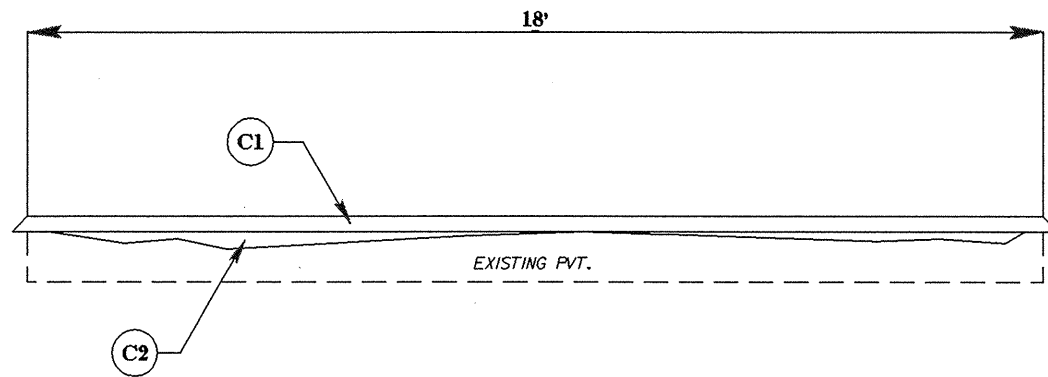
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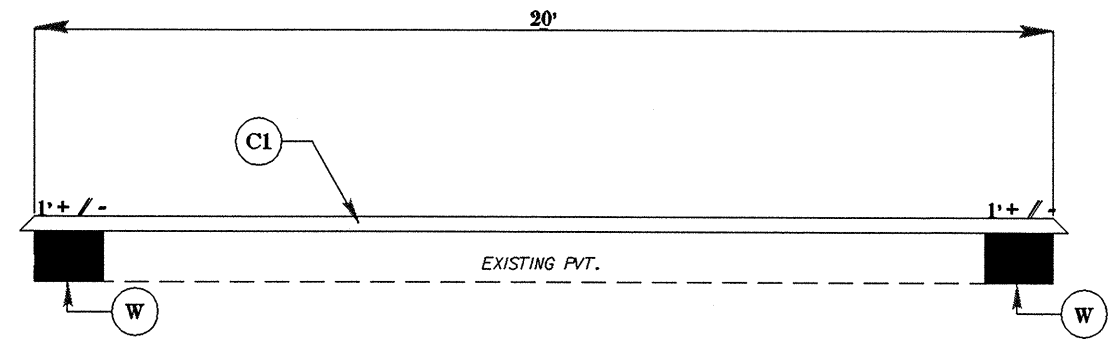
TYPICAL 2



TYPICAL 3



TYPICAL 4

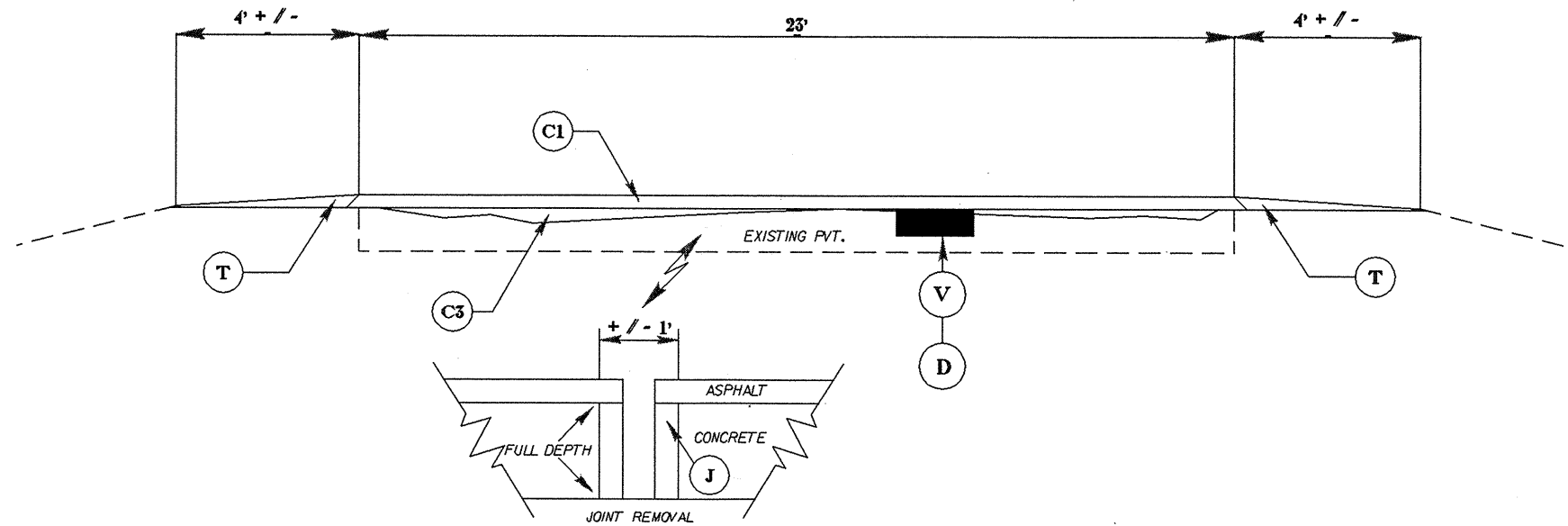


Note: See Special Provisions

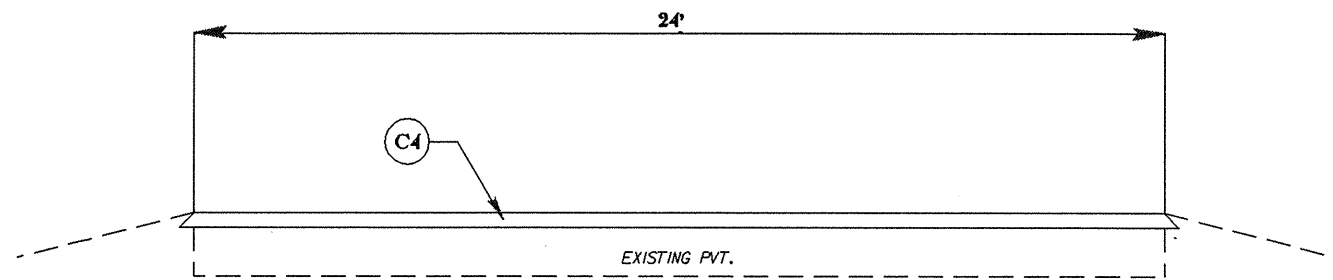
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PROJECT REFERENCE NO.		SHEET NO.
14CR.10481.2		9 OF 10
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.10481.2		
14CR.20481.6		
14CR.20781.8		
14C.075059		
14C.075060		
14C.075061		
14C.075072		
36988		

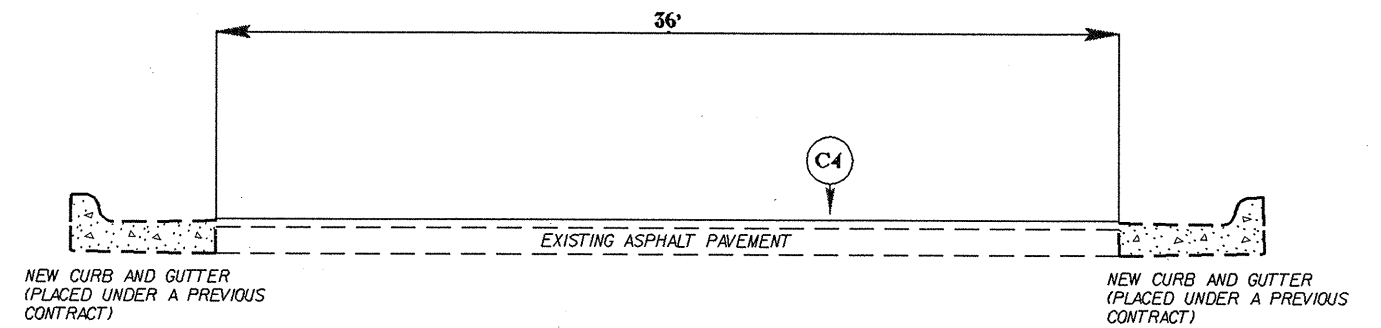
TYPICAL 5



TYPICAL 6



TYPICAL 7

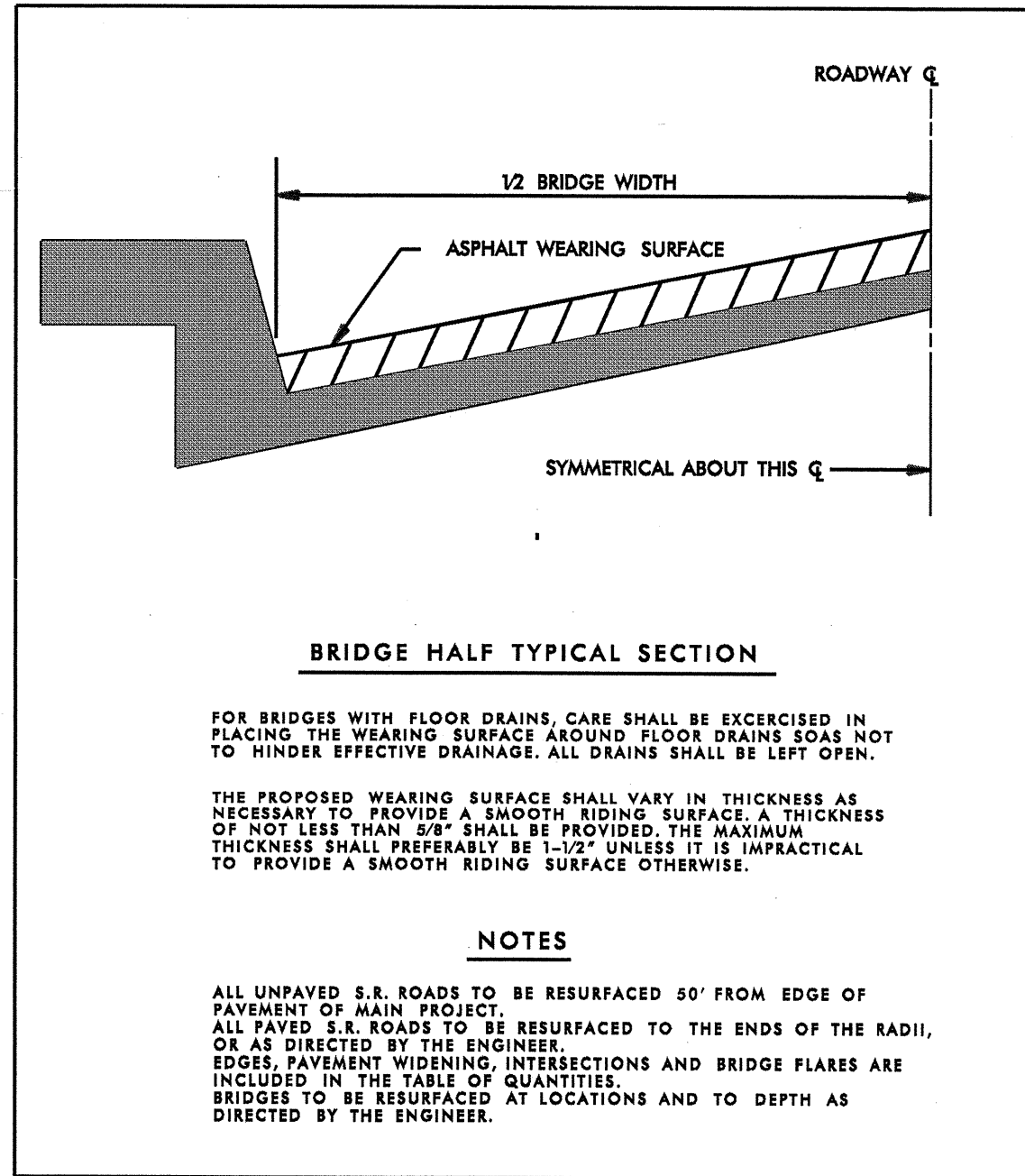


050197

SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. (1 1/2")
C2	PROPOSED VARIABLE DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD. (LEVELING COURSE)
C3	PROPOSED VARIABLE DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. (LEVELING COURSE)
C4	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD. (2")
D	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD. (3")
J	CONCRETE JOINT REPAIR - SEE SPECIAL PROVISIONS
T	SHOULDER CONSTRUCTION WITH ABCM - SEE SPECIAL PROVISIONS
V	MILLING ASPHALT PAVEMENT 3" IN DEPTH & 4 ft. OR GREATER IN WIDTH IN DISTRESSED AREAS AS DIRECTED BY THE PROJECT ENGINEER.
W	ASPHALT CONCRETE BASE CSE., TYPE B25.0B, AT AN AVERAGE RATE OF 912 LBS. PER SQ. YD (8"). (WIDENING - SEE SPECIAL PROVISIONS)

PROJECT REFERENCE NO.		SHEET NO.
14CR.10451.2		10 OF 10
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION
14CR.10451.2		
14CR.20481.6		
14CR.20751.5		
14C.075039		
14C.075060		
14C.075061		
14C.075073		
36588		



BRIDGE HALF TYPICAL SECTION

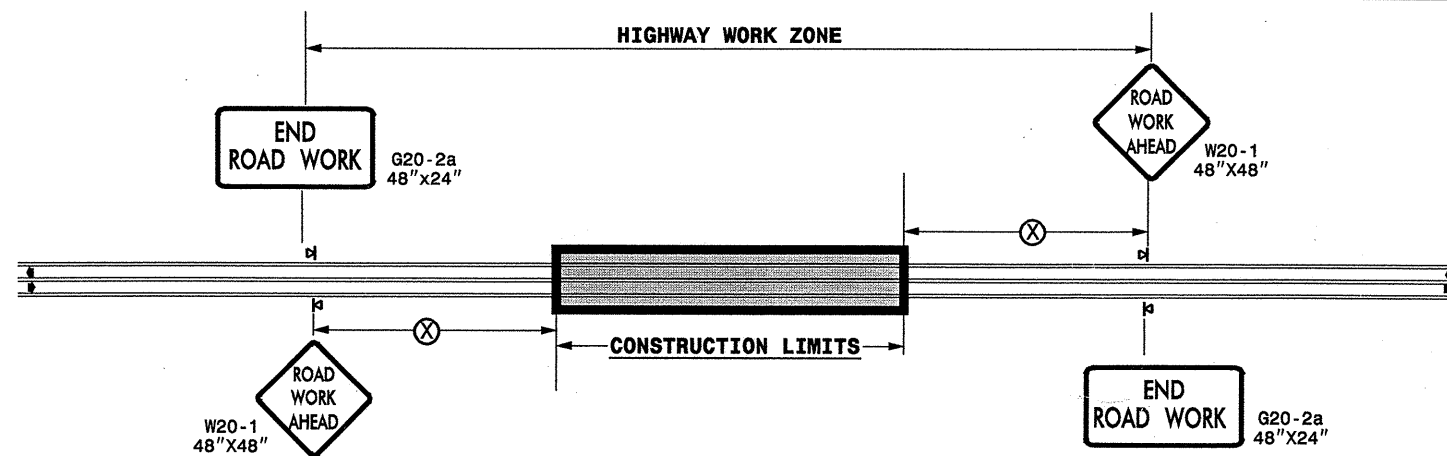
FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAIN SOAS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

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 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.
 BRIDGES TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

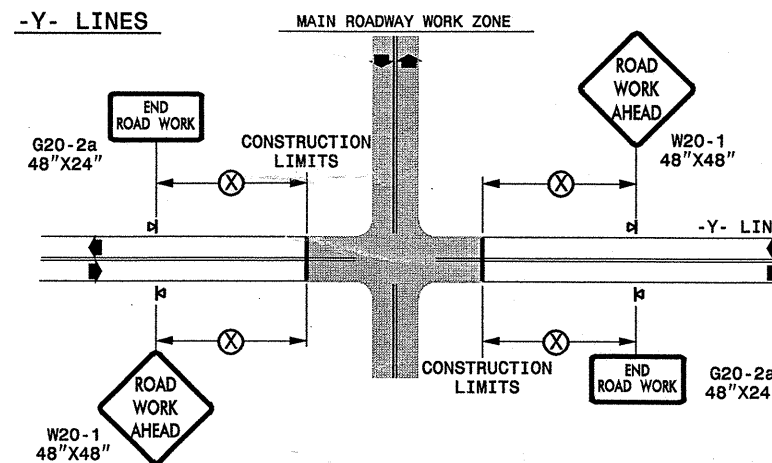
TWO-WAY UNDIVIDED ** (L-LINES)



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

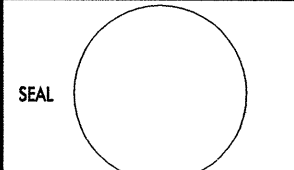

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH 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: _____	GOOD FILE		

23-OCT-2006 11:35
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