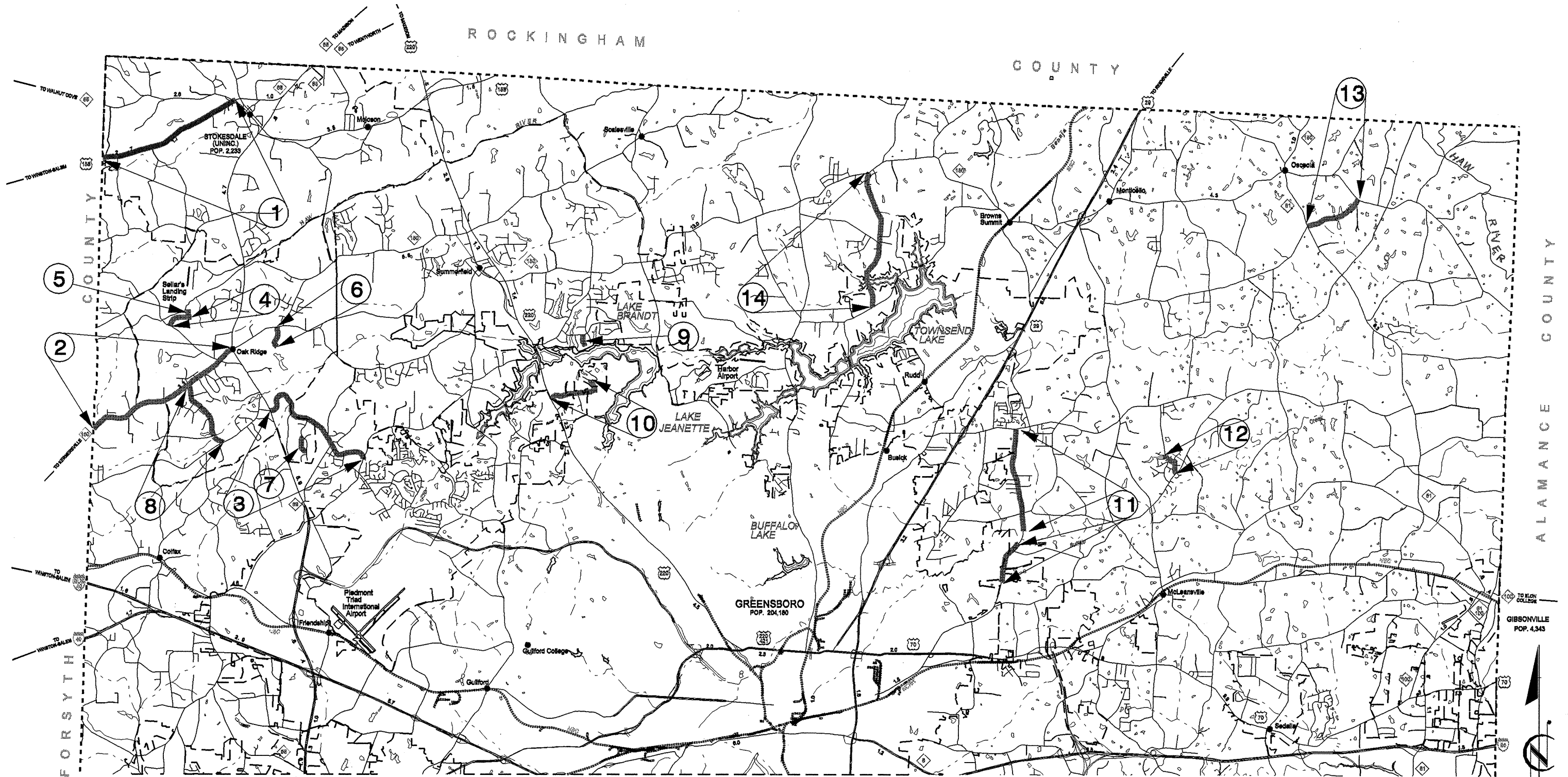


GUILFORD COUNTY

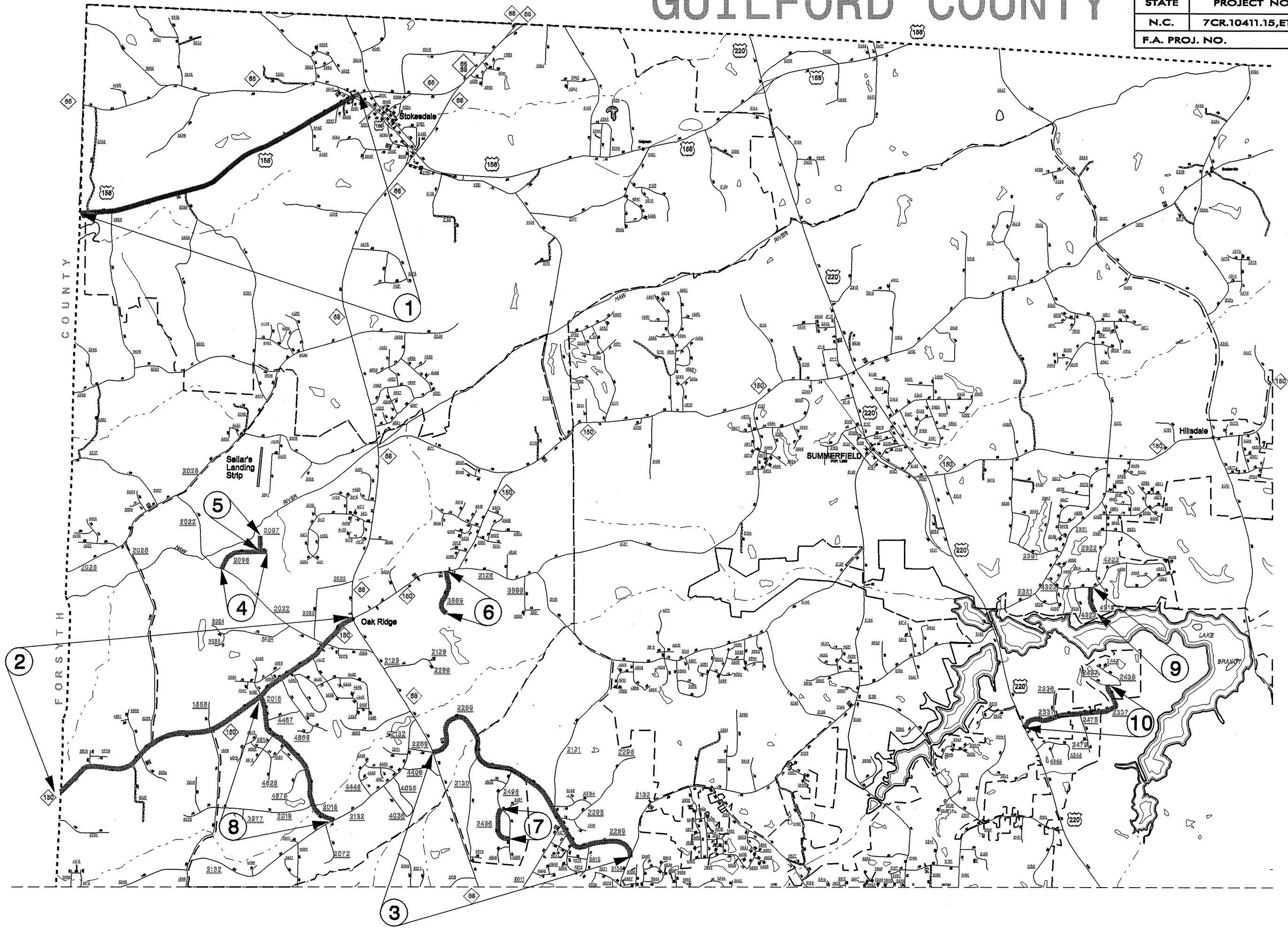
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15, ETC.	1	8
F.A. PROJ. NO.			

7CR.10411.15
7CR.20411.15



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15,ETC.	2	8
F.A. PROJ. NO.			

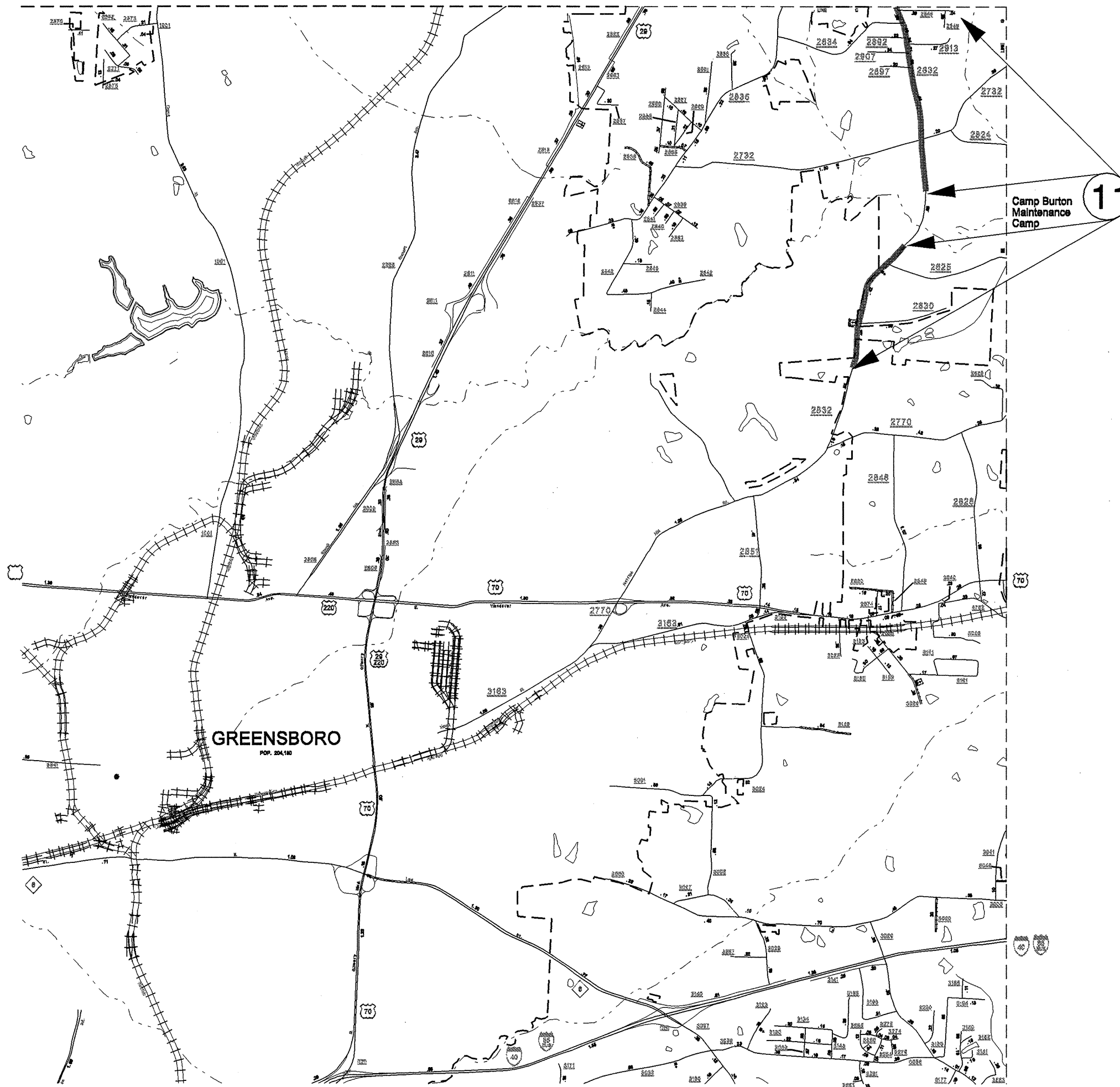
7CR.10411.15
7CR.20411.15



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15,ETC.	3	8
F.A. PROJ. NO.			

7CR.10411.15
7CR.20411.15

GUILFORD COUNTY

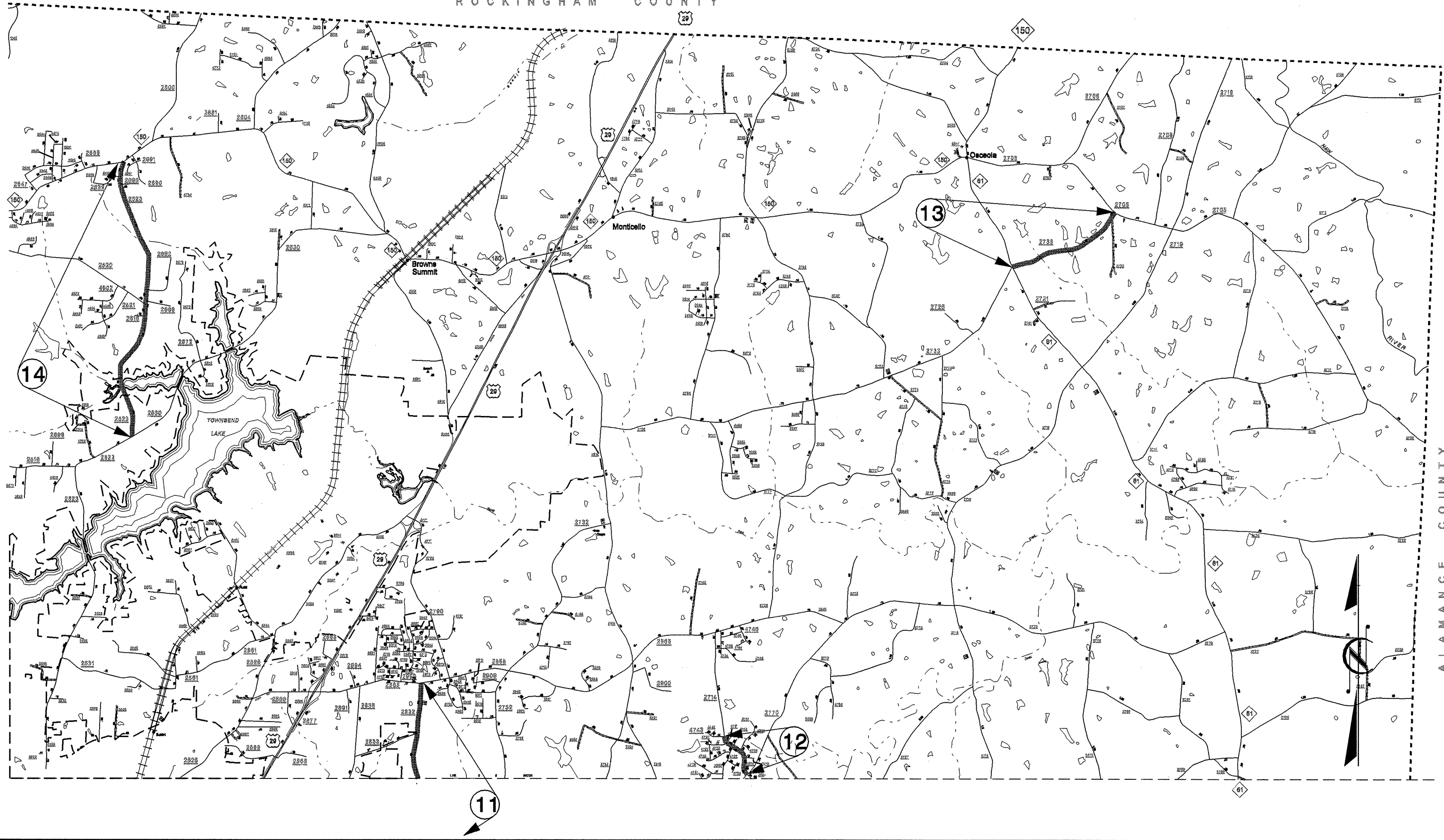


GUILFORD COUNTY

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15,ETC.	4	8
F.A. PROJ. NO.			

7CR.10411.15
7CR.20411.15

ROCKINGHAM COUNTY



ALAMANCE COUNTY

PROJECT NO.	SHEET NO.	TOTAL NO.
7CR.10411.15, 7CR.20411.15	6	8

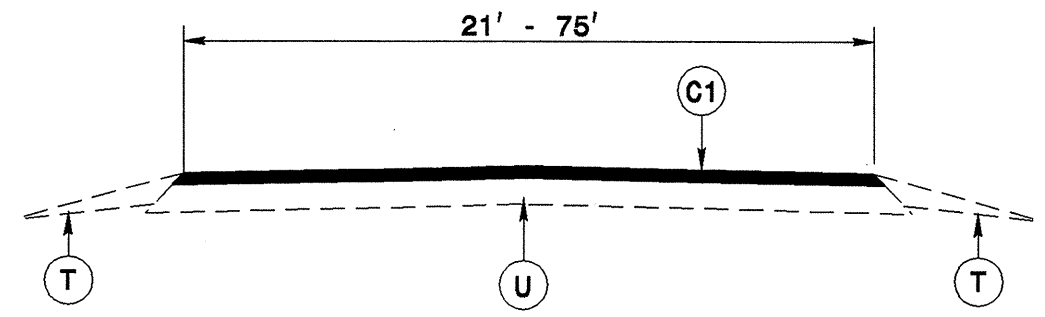
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	6" X 120 M WHITE THERMO LF	8" X 90 M YELLOW THERMO LF	8" X 90 M WHITE THERMO LF	12" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG SCHOOL 120 M EA	THERMO LT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR & RT ARROW 90 M EA	4" WHITE PAINT LF	4" YELLOW PAINT LF	
7CR.10411.15	Guilford	1	US 158	FROM FORSYTH COUNTY LINE TO NORTHSIDE OF NC 65	30,614	20,211		122				60								
"	"	2	NC 150 (OAK RIDGE ROAD)	FROM FORSYTH COUNTY LINE TO NC 68	35,314	33,997	518	234				293	12	6	1	1	1			
TOTAL FOR PROJ NO. 7CR.10411.15					65,928	54,208	518	356				353	12	6	1	1	1			
					54,726					9										
7CR.20411.15	Guilford	3	SR 2269 (ALCORN ROAD)	FROM SR 2133 (PLEASANT RIDGE RD) TO NC 68	900		267	188	60			49		3			3		57,440	55,810
"	"	4	SR 2096 (HOLLOW RIVER DR)	FROM SR 2022 (LINVILLE RD) TO EOP																
"	"	5	SR 2097 (HOLLOW RIVER CT)	FROM SR 2096 (HOLLOW RIVER DR) TO CUL-DE-SAC																
"	"	6	SR 3869 (ASHTON PARK DR)	FROM NC 150 TO EOM																
"	"	7	SR 2496 (GOLDERN OAK DRIVE)	FROM SR 2495 (GOLDEN ACRES RD) TO SR 2495 (GOLDEN ACRES RD)																
"	"	8	SR 2018 (WILLARD ROAD)	FROM 2132 (STAFFORD MILL RD) TO NC 150	600			92											29,080	29,680
"	"	9	SR 4323 (MUSTANG COURT)	FROM EOP OF SR 4322 (POLO FARMS RD) TO EOM (CUL-DE-SAC)																
"	"	10	SR 2337 (OWL'S ROOST RD)	FROM US 220 TO SR 2437 (STEEPLETON WAY)	600			120			38	30							22,768	21,080
"	"	11	SR 2832 (RANKIN MILL ROAD)	FROM JOINT AT GREENSBORO NCL TO SOUTH CONSTRUCTION LIMIT AND FROM NORTH CONSTRUCTION LIMIT TO JOINT SOUTH OF SR 2565 (HICONE ROAD)	34,336	35,314	174	144	120	81		25		6			1	1		
"	"	12	SR 2714 (RED CEDAR ROAD)	FROM SR 2770 (HUFFINE MILL ROAD) TO JOINT JUST NORTH OF SR 4743 (IRON WEED DRIVE)	900			94											9,700	10,600
"	"	13	SR 2733 (TURNER SMITH ROAD)	FROM NC 61 TO SR 2705 (OSEOLA-OSSIPEE ROAD)	120			16											24,400	24,540
"	"	14	SR 2523 (YANCEYVILLE STREET)	FROM SR 2630 (DOGGETT ROAD) TO NC 150	800			110											56,204	54,318
TOTAL FOR PROJ NO. 7CR.20411.15					38,256	35,314	441	764	180	81	38	104		9			4	1	199,592	196,028
					35,755					261					14					
GRAND TOTAL					104,184	89,522	959	1,120	180	81	38	457	12	15	1	5	2	199,592	196,028	
					90,481					261					23					
															395620					

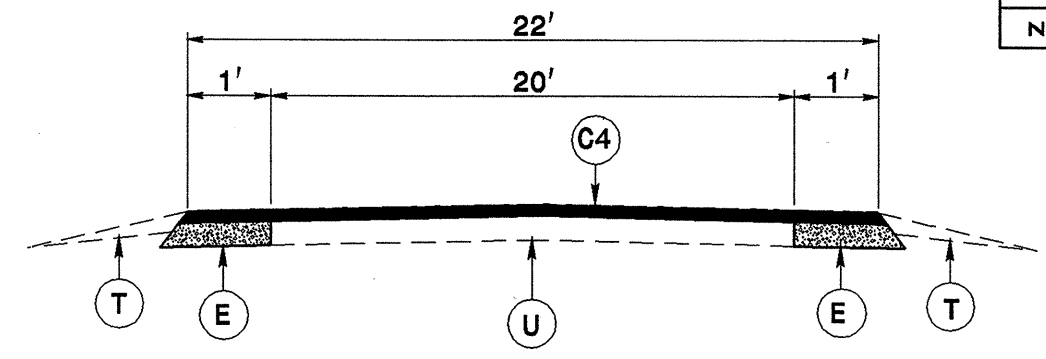
5/28/99
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STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15, ETC	7	8

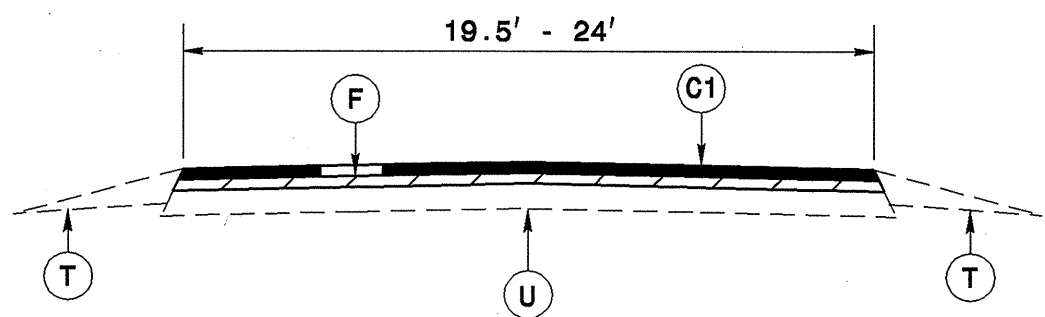
7CR.10411.15, 7CR.20411.15



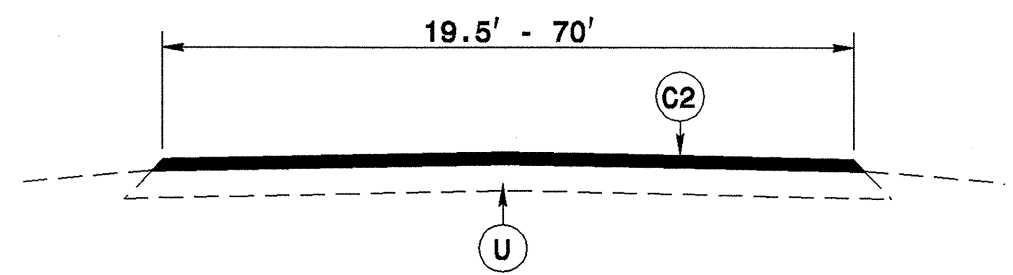
TYPICAL SECTION NO. 1



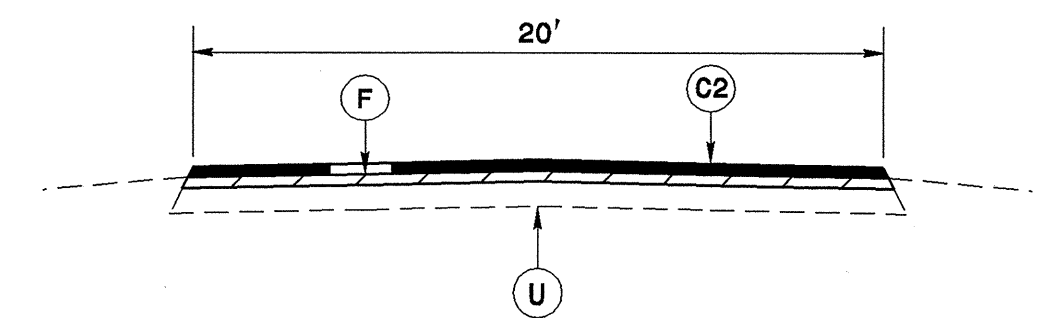
TYPICAL SECTION NO. 5



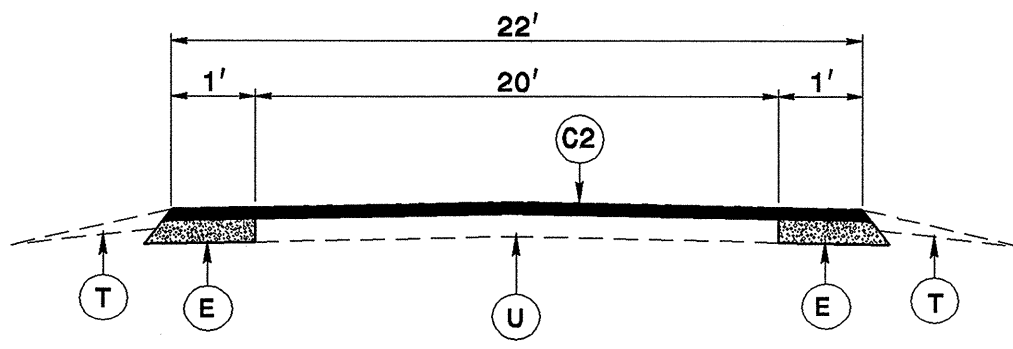
TYPICAL SECTION NO. 2



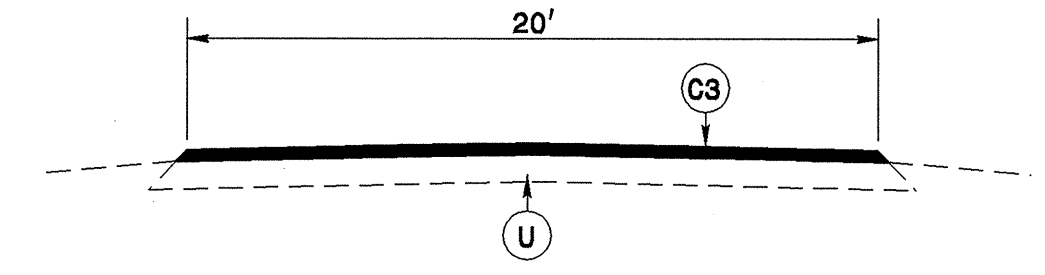
TYPICAL SECTION NO. 6



TYPICAL SECTION NO. 3



TYPICAL SECTION NO. 7



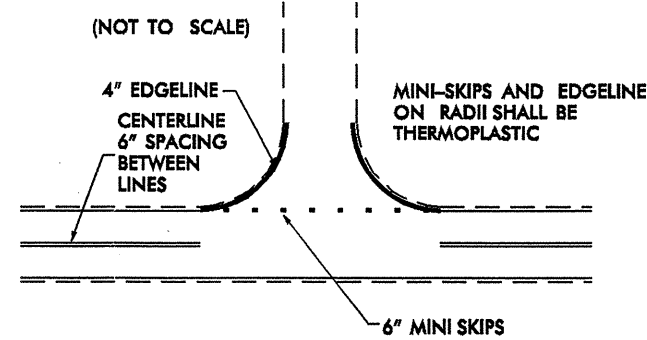
TYPICAL SECTION NO. 4

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.	E	PROP. APPROX. 7" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD. IN EACH OF TWO LAYER.
C2	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.	F	AST MAT COAT, 78M
C3	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.	R	EXISTING 2-6 CURB AND GUTTER
C4	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 140 LBS. PER SQ. YD.	T	SHOULDER RECONSTRUCTION
D	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.	U	EXISTING PAVEMENT.
		V	MILLING ASPHALT PAVEMENT 0-1 1/2" IN DEPTH.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	7CR.10411.15, ETC.	8	8

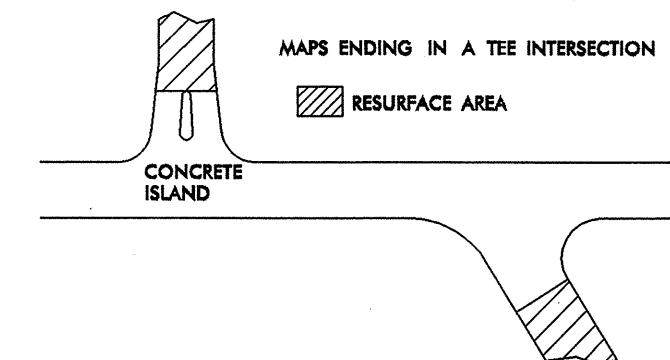
7CR.10411.15
7CR.20411.15

STRIPING DETAIL NON-SIGNALIZED/NON-CURB & GUTTER INTERSECTIONS

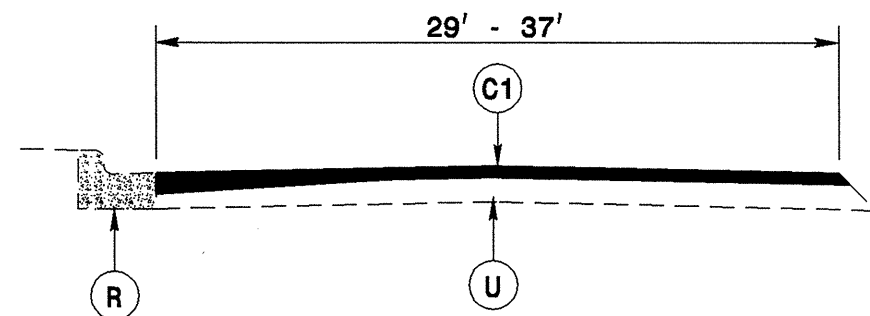
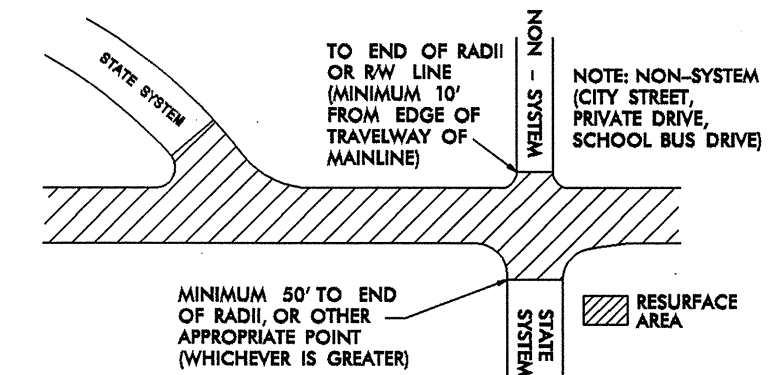


NOTE: MINI SKIPS SHALL BE PLACED ON A 10' CYCLE, CONTAINING AN 8' SPACE AND 2' SKIP. THE WIDTH OF THE SKIP SHALL BE 6".

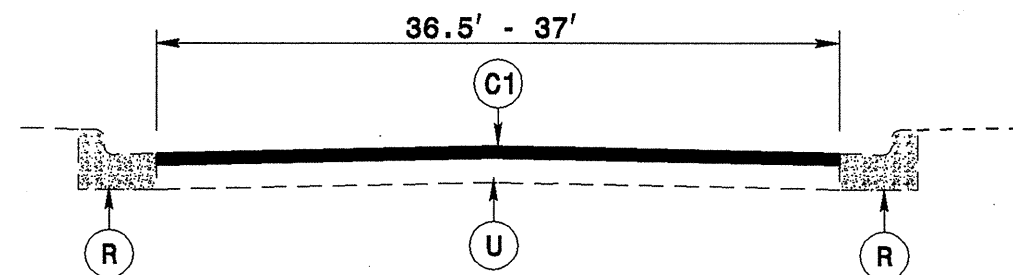
PAVING DETAIL 1 MAIN LINE IS NOT BEING RESURFACED



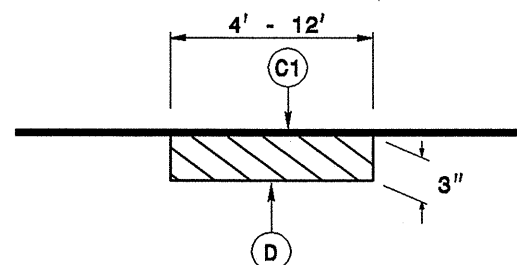
PAVING DETAIL 2 MAIN LINE IS BEING RESURFACED



TYPICAL SECTION NO. 8

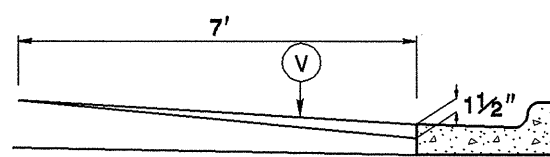


TYPICAL SECTION NO. 9



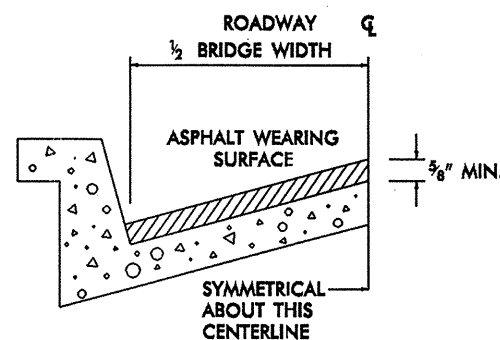
MILL EXISTING ASPHALT PAVEMENT 3" IN DEPTH, AT LOCATIONS AS DIRECTED BY THE ENGINEER.

MILLING DETAIL 1



MILL EXISTING ASPHALT PAVEMENT 0-1 1/2" AT LOCATIONS AS DIRECTED BY THE ENGINEER

MILLING DETAIL 2



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.

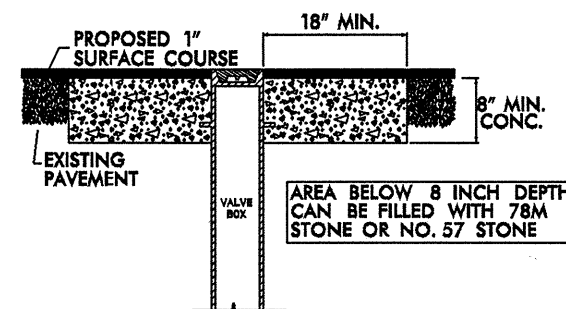
NOTES

ALL UNPAVED S.R. ROUTES TO BE SURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT.
ALL PAVED S.R. ROUTES TO BE RESURFACED TO END OF RADDII, OR AS DIRECTED BY THE ENGINEER. EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES. BRIDGES TO BE RESURFACED AT LOCATIONS AND DEPTH AS DIRECTED BY THE ENGINEER.

PAVEMENT SCHEDULE

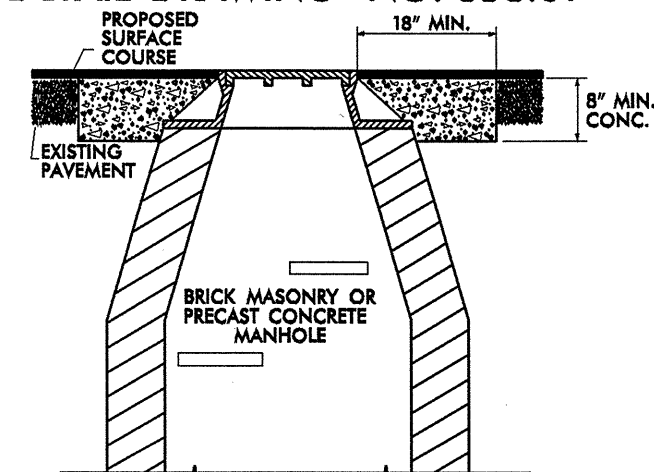
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	E	PROP. APPROX. 7" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 399 LBS. PER SQ. YD. IN EACH OF TWO LAYER.
C2	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.	F	AST MAT COAT, 78M
C3	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 137.5 LBS. PER SQ. YD.	R	EXISTING 2-6 CURB AND GUTTER
C4	PROP. APPROX. 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 140 LBS. PER SQ. YD.	T	SHOULDER RECONSTRUCTION
D	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.	U	EXISTING PAVEMENT.
		V	MILLING ASPHALT PAVEMENT 0-1 1/2" IN DEPTH.

STANDARD CONCRETE ENCASEMENT FOR VALVE CASTINGS IN PAVEMENT DETAIL DRAWING NO. 858.01



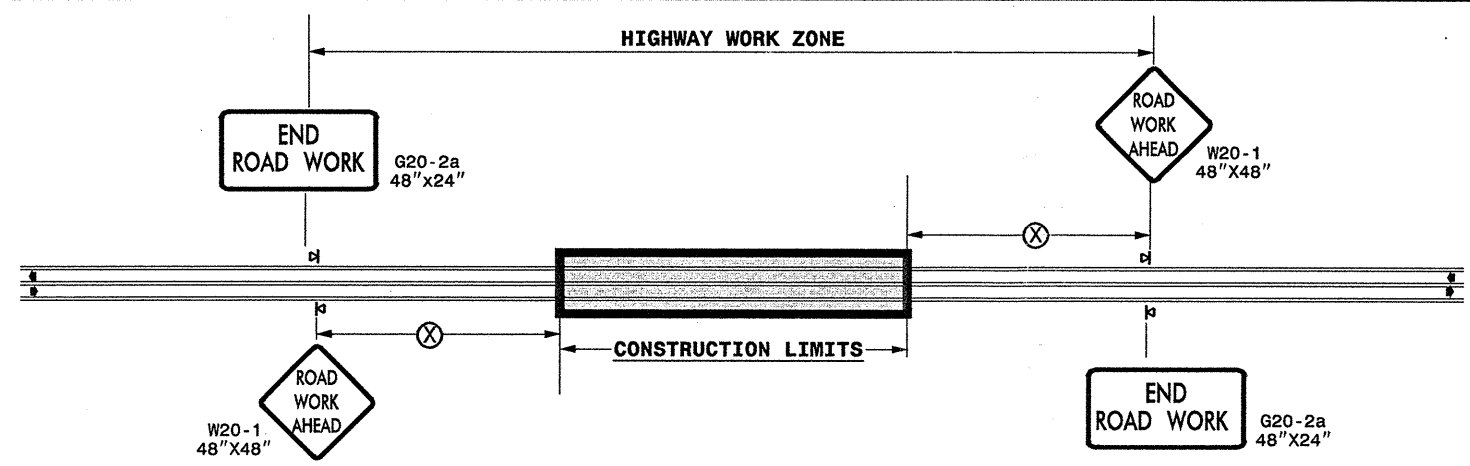
USE RAPID SET GROUT, MORTAR, OR CONCRETE AS NOTED IN PROJECT SPECIAL PROVISIONS. CLASS B CONCRETE MAY BE USED WHEN ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.

STANDARD CONCRETE ENCASEMENT FOR MANHOLES DETAIL DRAWING NO. 858.01



- NOTES:
- MORTAR SHALL BE MIXED TO NCDOT SPECIFICATIONS.
 - ALL FAULTY EXISTING BRICKWORK TO BE REMOVED AND REPLACED WITH NEW BRICK MASONRY.
 - EXCAVATION FOR THE ADJUSTMENT SHALL BE SHEER CUT ON ALL SIDES.
 - USE RAPID SET GROUT, MORTAR OR CONCRETE AS NOTED IN PROJECT SPECIAL PROVISIONS. CLASS B CONCRETE MAY BE USED WHEN THE ADJUSTMENTS ARE NOT IN THE TRAVEL LANE.

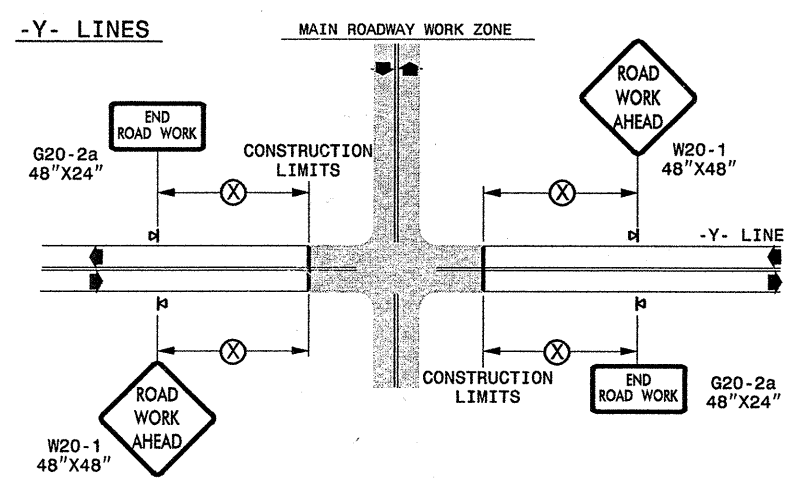
TWO-WAY UNDIVIDED ** (L-LINES)



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.

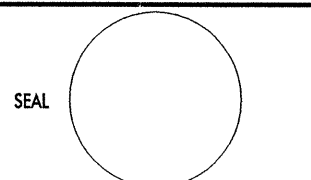

LEGEND

◀ 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: _____	CHD	FILE	

25-AUG-2006 17:05
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