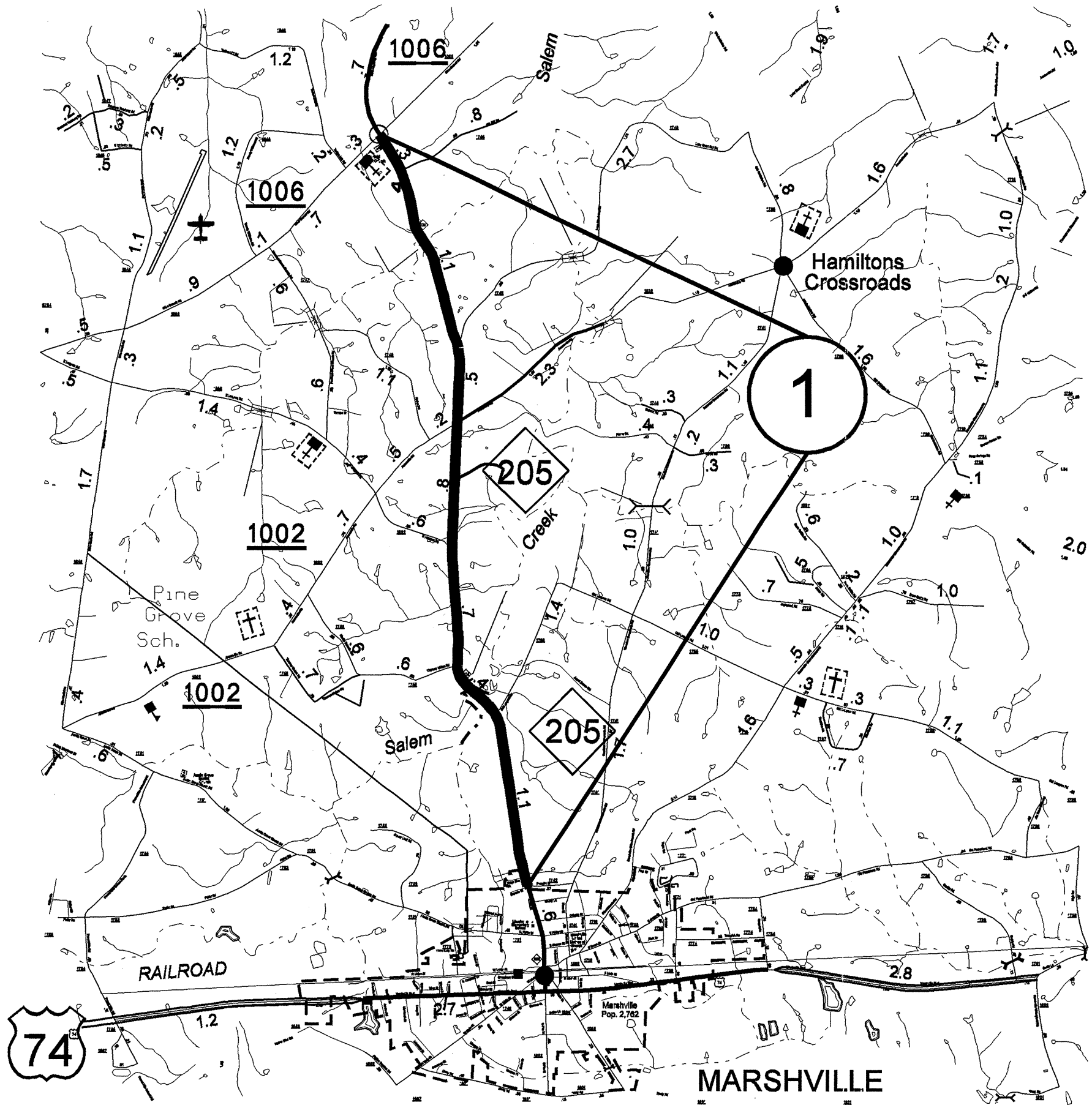
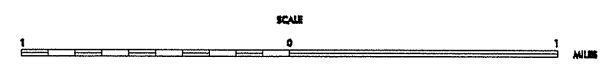


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10901.20	1	4



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - GIS UNIT
IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

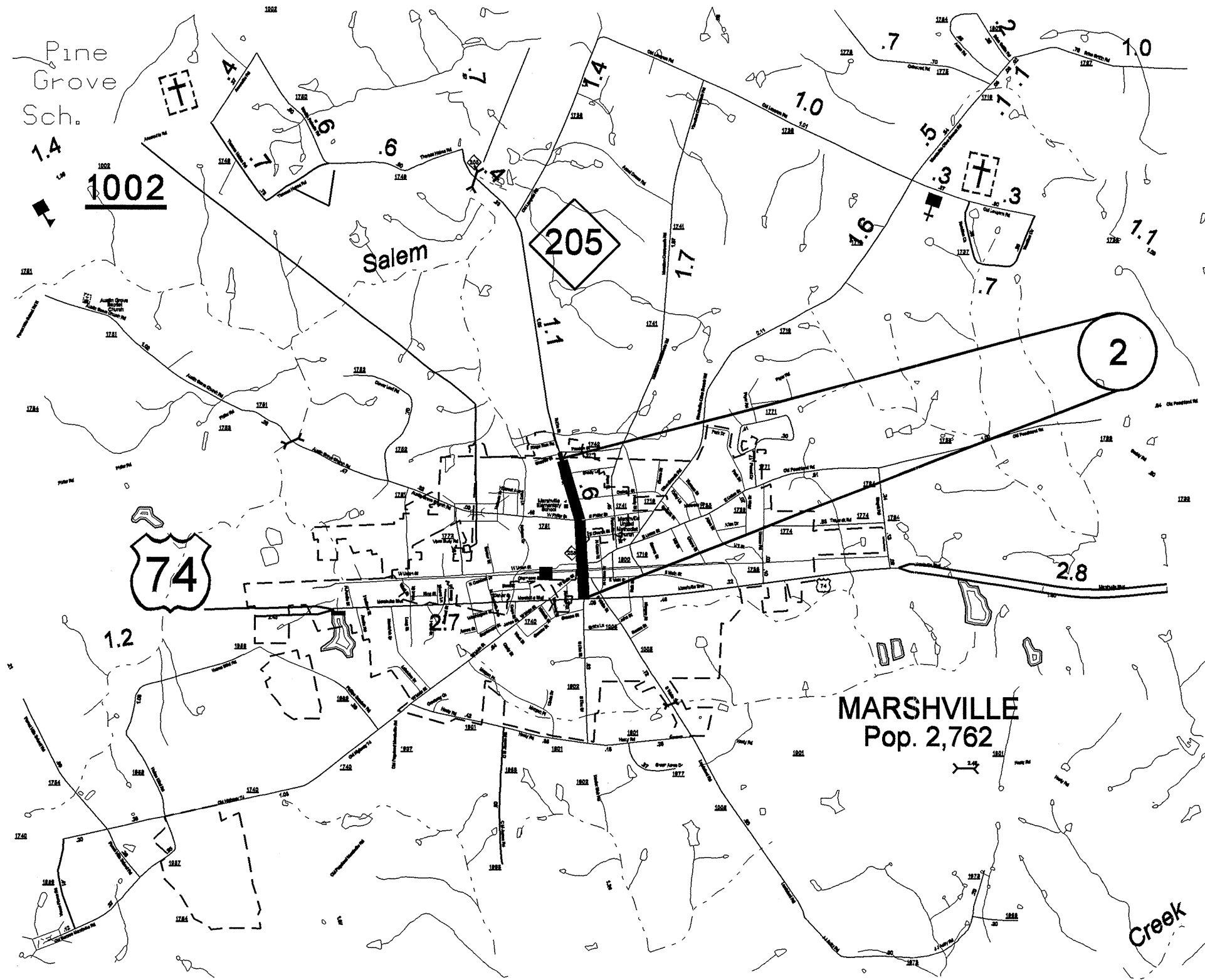


MAP #1 NC 205 (4.69 MILES)
FROM SR-1006 (OLIVE BRANCH RD.) TO THE
BEGINNING OF THE C&G AT MARSHVILLE
CITY LIMITS



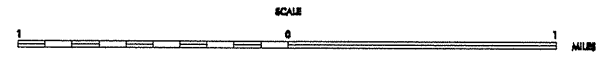
MARSHVILLE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	IOCR.10901.20	2	4



ENLARGED MUNICIPAL AND SUBURBAN AREAS
UNION COUNTY
 NORTH CAROLINA

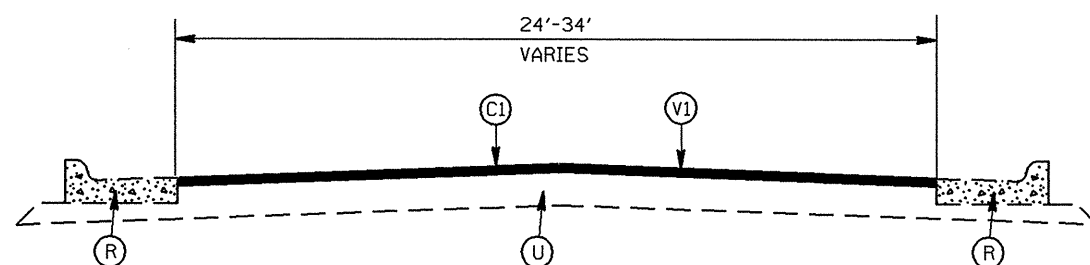
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - GIS UNIT
 IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION



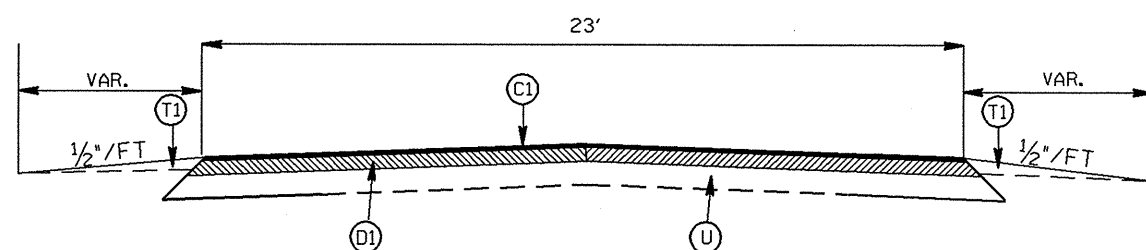
MAP #2 NC 205 (0.63 MILES)

**FROM THE BEGINNING OF THE C&G AT
 MARSHVILLE CITY LIMITS TO US 74**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	10CR.1090L20	3	4

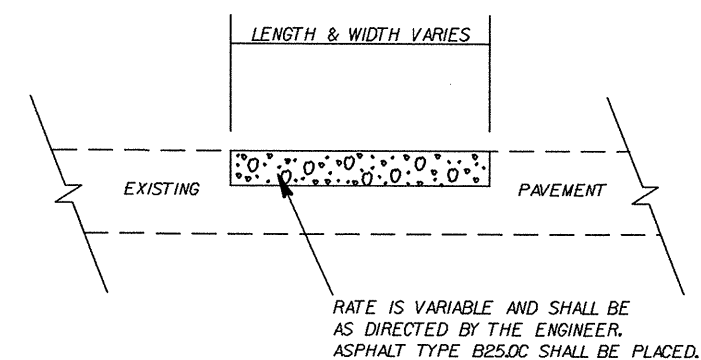


TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 1

PATCHING DETAIL



- NOTES: 1: DO NOT OVERLAY OVER BRIDGE ON MAP #1 NC 205
 2: DO NOT OVERLAY ACROSS R x R ON MAP #2 NC 205.
 MILL UP TO THE PAVEMENT JOINTS BEFORE AND AFTER THE TRACKS.
 3: LEVELING COURSE TO BE PLACED AT LOCATIONS ON MAP #2 AS DIRECTED BY THE ENGINEER.

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1.5" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(R)	EXISTING 2'-6' CURB & GUTTER
(T1)	SHOULDER RECONSTRUCTION
(U)	EXISTING PAVEMENT
(V1)	MILLING EXISTING PAVEMENT, 1.5" IN DEPTH

2009 UNION COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	08/09		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JWU		

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10901.20	4	4

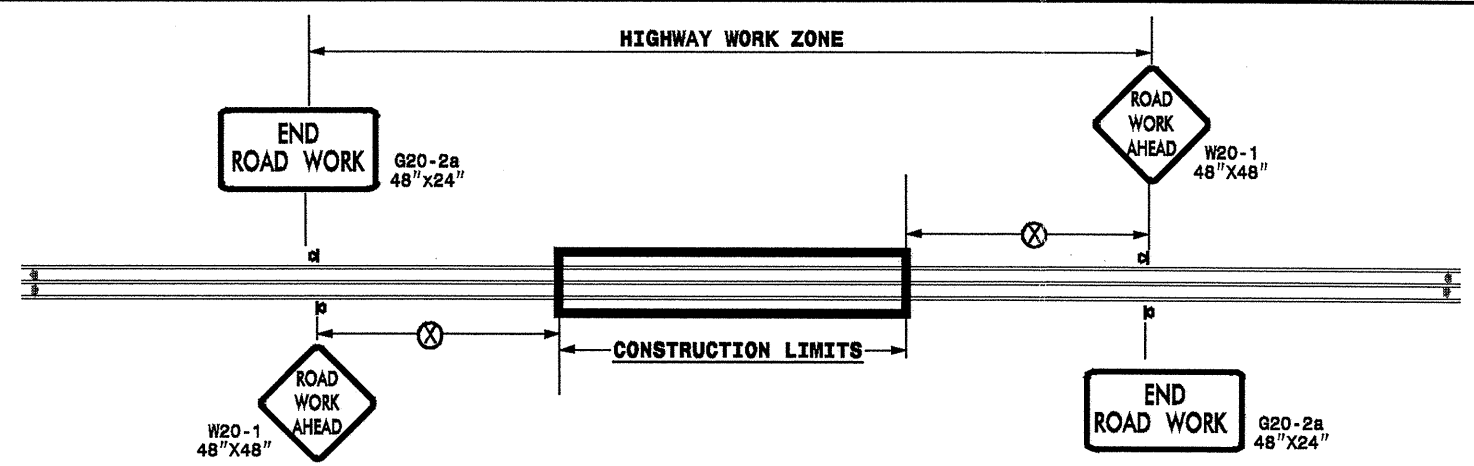
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	STABILIZER AGGREGATE TONS	INCIDENTAL STONE BASE TONS	SHOULDER RECONSTRUCTION SMI	1½" MILLING SY	INCIDENTAL MILLING SY	INTERMEDIATE COURSE, 119.0C TONS	SURFACE COURSE, S9.5C TONS	LEVELING COURSE, S9.5C TONS	PG 64-22 PLANT MIX TONS	PG 70-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	TEMPORARY SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TONS	SEDIMENT CONTROL STONE TONS	SEED & MULCHING AC
10CR.10901.20	Union	1	NC 205	FROM SR-1006 (OLIVE BRANCH RD.) TO THE BEGINNING OF THE C&G AT MARSHVILLE CITY LIMITS	1	NO	4.69	23	330	315	9.4		41	9,050	5,500		425	330	1,650			720	94	48	4.6
10CR.10901.20	Union	2	NC 205	FROM BEGINNING OF C&G OF MARSHVILLE CITY LIMITS TO US 74	2	NO	0.63	24	45	9		9,890			885	221		67	221	1	1				
GRAND TOTAL							5.32		375	324	9.4	9,890	41	9,050	6,385	221	425	397	1,871	1	1	720	94	48	4.6

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4685000000-E	4686000000-E	4702000000-E	4705000000-E	4710000000-E	4721000000-E			4810000000-E	4900000000-N
					4" X 90 M WHITE THERMO LF	4" X 120 M YELLOW THERMO LF	12" X 120 M WHITE THERMO LF	16" X 120 M WHITE THERMO LF	24" X 120 M WHITE THERMO LF	THERMO MSG STOP 120 M EA	THERMO MSG SCHOOL 120 M EA	THERMO RXR 120 M EA	4" YELLOW PAINT LF	YELLOW & YELLOW MARKERS EA
10CR.10901.20	Union	1	NC 205	FROM SR-1006 (OLIVE BRANCH RD.) TO THE BEGINNING OF THE C&G AT MARSHVILLE CITY LIMITS	49,600	45,900			100	2			95,450	310
10CR.10901.20	Union	2	NC 205	FROM BEGINNING OF C&G OF MARSHVILLE CITY LIMITS TO US 74		5,780	280	100	165		2	2		72
GRAND TOTAL					49,600	51,680	280	100	265	2	2	2	95,450	382

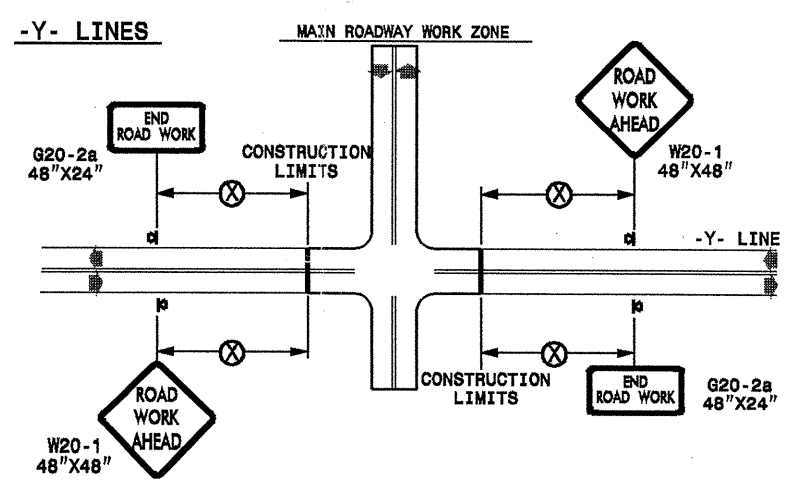
TWO-WAY UNDIVIDED ** (L-LINES)



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)



DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

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

SHEET 1 OF 1

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL		
SCALE: NONE		REVISIONS
DATE: _____		7-98 10/01
DWG. BY: _____		10-98 03/04
DESIGN BY: _____		01/01 11/04
REVIEWED BY: _____	CHAD	FILE

31-DEC-2009 11:26
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