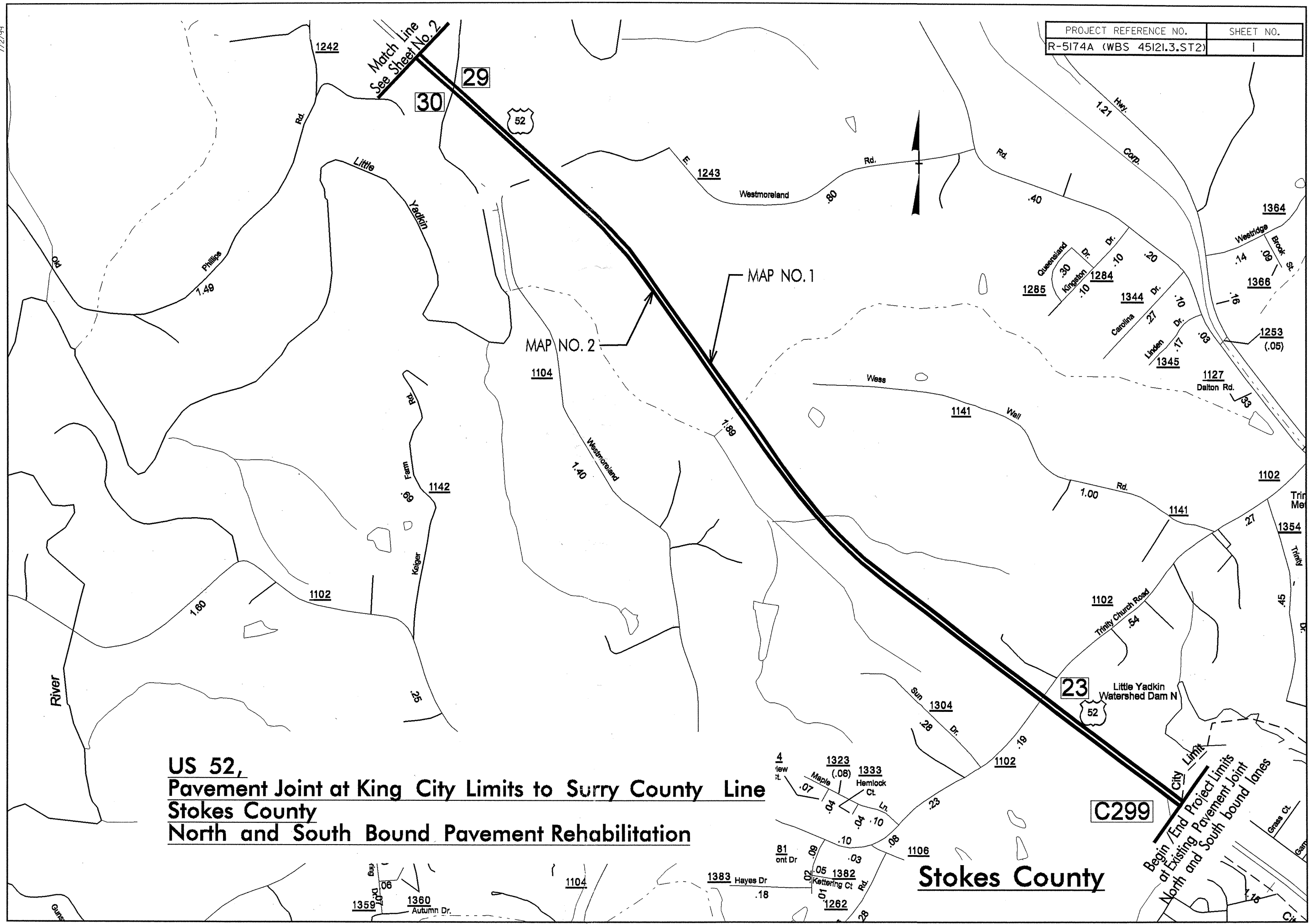


7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-5174A (WBS 45I2I.3.ST2)	I



Match Line  
See Sheet No. 2

MAP NO. 1

MAP NO. 2

**US 52,  
Pavement Joint at King City Limits to Surry County Line  
Stokes County  
North and South Bound Pavement Rehabilitation**

**C299**

**Stokes County**

City Limits  
Begin / End Project Limits  
at Existing Pavement Joint  
North and South bound lanes

1359  
106  
1360  
Autumn Dr.

1383  
Hayes Dr  
.18

4  
view  
st.  
Maple  
.07  
04  
04  
10  
08  
09  
03  
01  
05  
1382  
Kettering Ct  
Rd  
1262  
28

23  
52  
Little Yadkin  
Watershed Dam N

1102  
Trinity Church Road  
.54

1102  
Trinity  
Me  
1354  
Trinity  
Dr.  
.45

1364  
Westridge  
Brook St.  
.14  
.09  
1366  
16  
1253  
(.05)

1285  
Queensland  
Dr.  
.30  
Kingston  
Dr.  
.10  
1284  
10  
1344  
Dr.  
.27  
Carolina  
1345  
Loden  
Dr.  
.17

1127  
Dalton Rd.

1141  
Wall

1104

1142  
Farm  
Keiger  
Rd.  
1102  
1.80  
1.40  
Westmoreland

1142

1102

1.80

1.49  
Phillips  
Rd.

1242  
Rd.

30

29

52

1243  
E.  
Westmoreland  
.80

1.21  
Hwy.  
Corp.

.40  
Rd.

Rd.

Little  
Yadkin

Old  
River

River

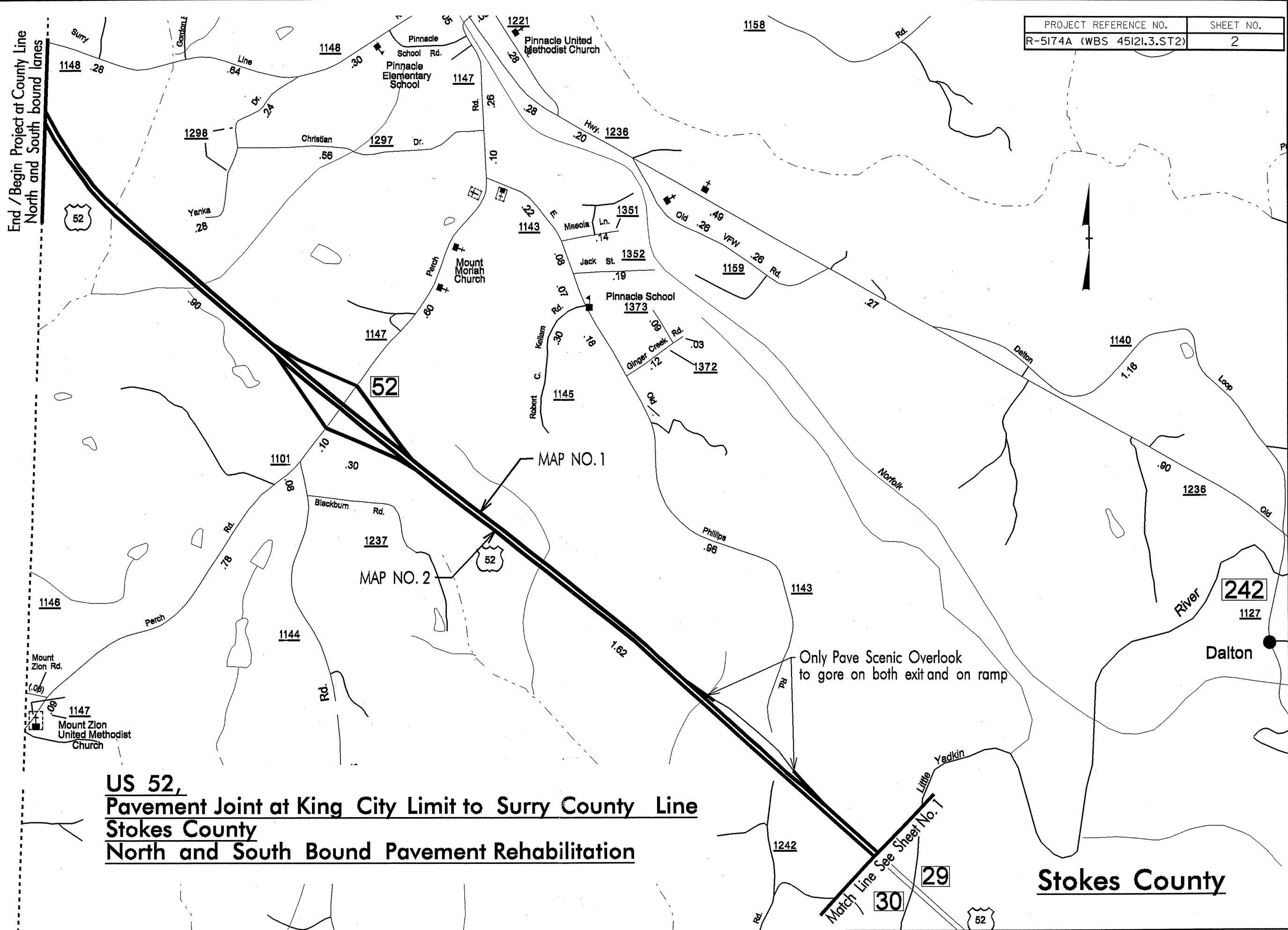
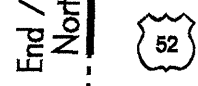
Guns



7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-5174A (WBS 45I2I.3.ST2)	2

End / Begin Project at County Line  
North and South bound lanes



MAP NO. 1

MAP NO. 2

Only Pave Scenic Overlook  
to gore on both exit and on ramp

**US 52,  
Pavement Joint at King City Limit to Surry County Line  
Stokes County  
North and South Bound Pavement Rehabilitation**

Match Line See Sheet No. 1

**Stokes County**

242

Dalton

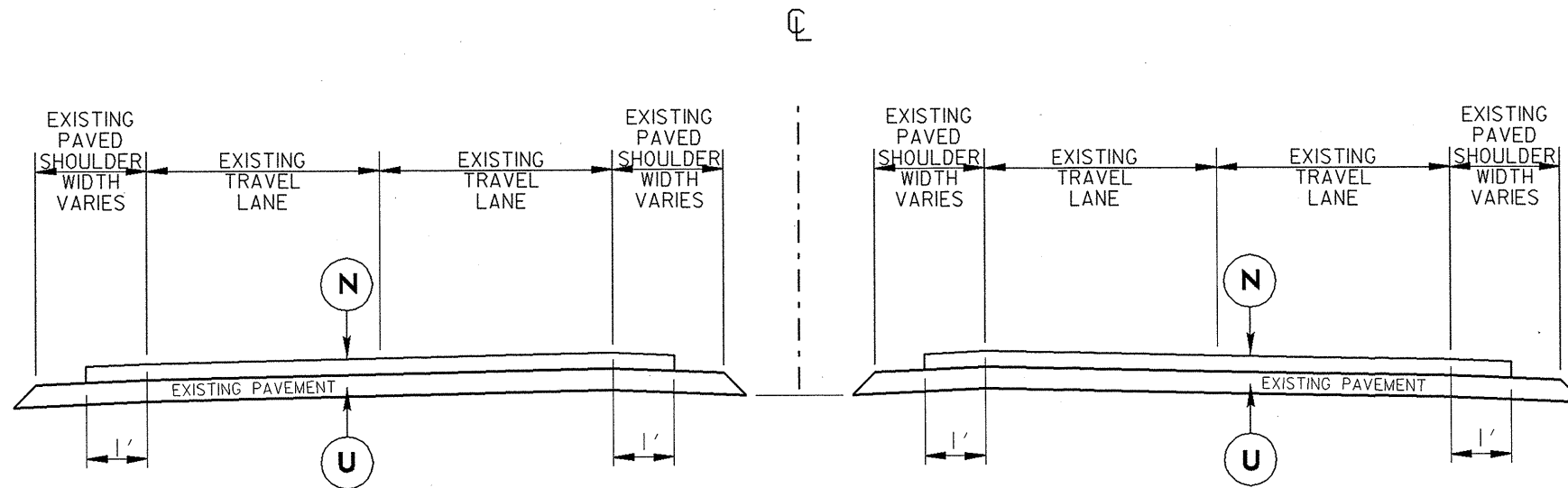
29

30

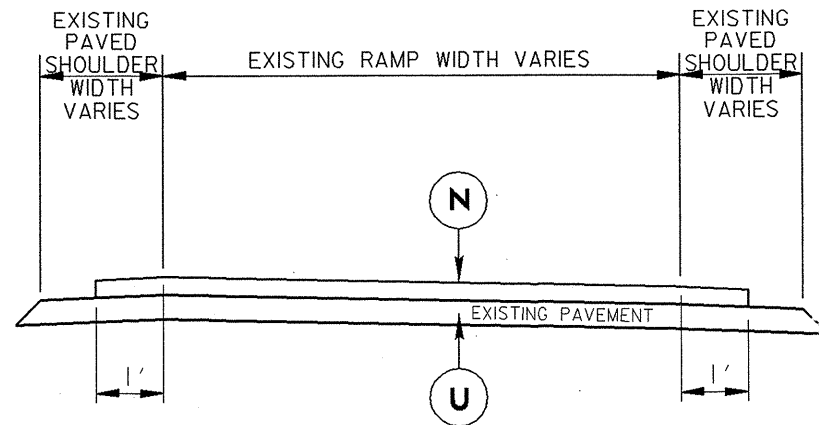
52

7/2/99

PROJECT REFERENCE NO. R-5174A (WBS 45121.3.ST2)	SHEET NO. 3
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**TYPICAL SECTION NO.1**  
**US 52 NORTHBOUND and SOUTHBOUND**



**TYPICAL SECTION NO.2**  
**US 52 RAMPS**

NOTE:

1. RESURFACE ALL EXIT AND ON RAMPS AT PERCH ROAD.
2. RESURFACE ONLY TO GORES AT SCENIC OVERLOOK EXIT RAMP AND ON RAMP.

PAVEMENT SCHEDULE	
N	PROP. APPROX. 5/8" ULTRATHIN HOT MIX BONDED WEARING SURFACE COURSE, TYPE B, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
U	EXISTING PAVEMENT (CONCRETE)

PROJECT NO.	SHEET NO.	TOTAL NO.
R-5174A WBS 45121.3.ST2	4	5

## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	FINAL SURFACE TESTING REQUIRED	LENGTH MI	WIDTH FT	PG 70-28 PLANT MIX TONS	ULTRATHIN HOT MIX, TYPE B TONS	APPLICATION OF ULTRATHIN HOT MIX SY
R-5174A WBS 45121.3.ST2	Stokes	1	US 52-NBL	FROM EXISTING PVT JT AT KING CITY LIMIT TO SURRY COUNTY LINE	1,2	NO	4.789	26.5	166	3,189	91,103
<b>TOTAL FOR MAP NO. 1</b>							4.789		166	3,189	91,103
		2	US 52-SBL	FROM SURRY COUNTY LINE TO EXISTING PVT JT AT KING CITY LIMIT	1,2	NO	4.805	26	159	3,058	87,380
<b>TOTAL FOR MAP NO. 2</b>							4.805		159	3,058	87,380
<b>TOTAL FOR PROJ NO. R-5174A WBS 45121.3.ST2</b>							9.594		325	6,247	178,483
<b>GRAND TOTAL</b>							9.594		325	6,247	178,483

## THERMOPLASTIC AND PAINT QUANTITIES

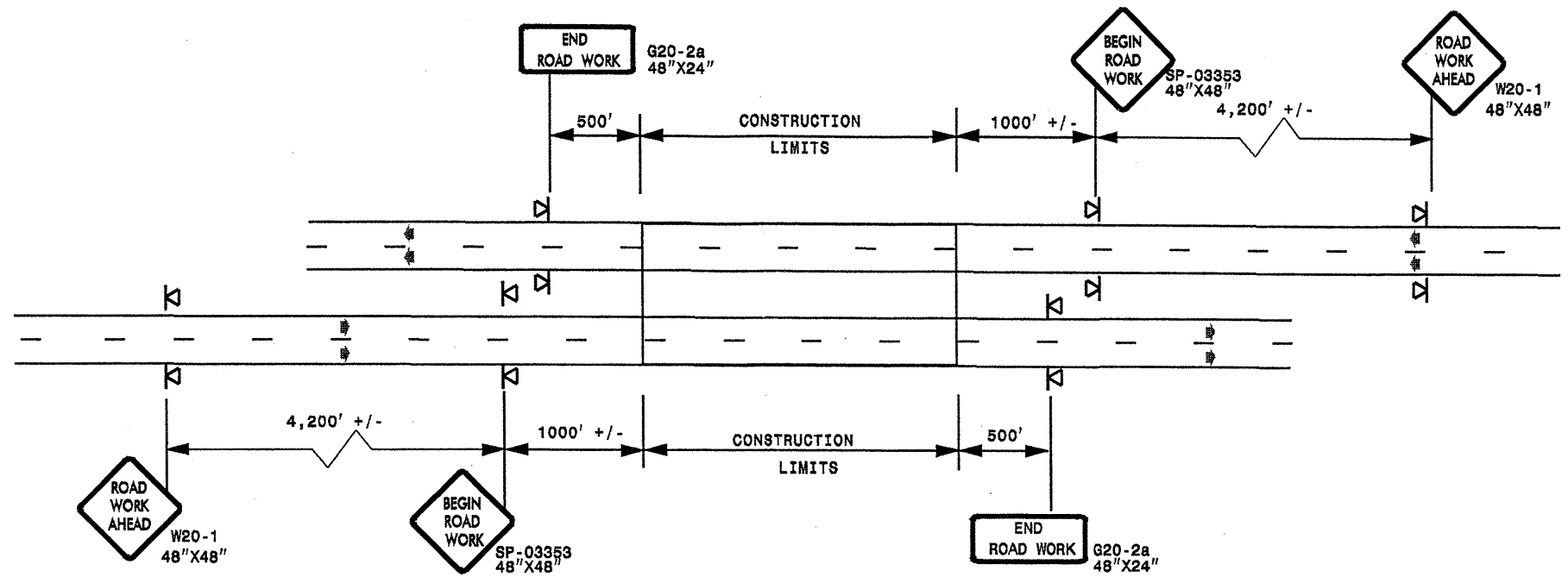
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	451000000-N	458900000-N	468800000-E		469000000-E	470000000-E	472500000-E			490500000-N
					LAW ENFORCEMENT	TRAFFIC CONTROL	6" X 90 M YELLOW THERMO	6" X 90 M WHITE THERMO	6" X 120 M WHITE THERMO	12" X 90 M WHITE THERMO	THERMO STR ARROW 90 M EA	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	SNOW PLOWABLE MARKERS
NO		NO			HR	LS	LF	LF	LF	LF	EA	EA	EA	EA
R-5174A WBS 45121.3.ST2	Stokes	1	US 52-NBL	FROM EXISTING PVT JT AT KING CITY LIMIT TO SURRY COUNTY LINE	60	1	27,056	28,296	6,513	2,097	1	1	1	400
<b>TOTAL FOR MAP NO. 1</b>					60	1	27,056	28,296	6,513	2,097	1	1	1	400
		2	US 52-SBL	FROM SURRY COUNTY LINE TO EXISTING PVT JT AT KING CITY LIMIT	60		27,087	28,436	6,483	1,015	1	1	1	400
<b>TOTAL FOR MAP NO. 2</b>					60		27,087	28,436	6,483	1,015	1	1	1	400
<b>TOTAL FOR PROJ NO. R-5174A WBS 45121.3.ST2</b>					120	1	54,143	56,732	12,996	3,112	2	2	2	800
<b>GRAND TOTAL</b>					120	1	54,143	56,732	12,996	3,112	2	2	2	800

**Stokes County US 52 Ultrathin Resurfacing Bridge Listing**

Map No.	Route No.	Route Name	Bridge No.	Feature Intersected	Floor Construction	Clear Roadway Width (Ft)	Horizontal Clearance Under (Ft)	Vertical Clearance Under	Length (Ft)	Posting	Recommended Treatment, From Bridge Maintenance
1,2	US 52 NBL/SBL	US 52	23	TRINITY CHURCH ROAD	N/A	N/A	N/A	15Ft 06 In NBL 15Ft 10 In SBL	N/A	N/A	Pave Under Bridge.
1	US 52 NBL	US 52	29	LITTLE YADKIN RIVER	7 3/4" RC SLAB	28	N/A	N/A	N/A	N/A	Pave over Bridge. Notify Ronnie Joyce Two Weeks Prior to Paving.
2	US 52 SBL	US 52	30	LITTLE YADKIN RIVER	7 3/4" RC SLAB	28	N/A	N/A	N/A	N/A	Pave over Bridge. Notify Ronnie Joyce Two Weeks Prior to Paving.
1,2	US 52 NBL/SBL	US 52	52	PERCH ROAD	N/A	N/A	N/A	15Ft 00 In NBL 15Ft 03 In SBL	N/A	N/A	Pave Under Bridge.

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

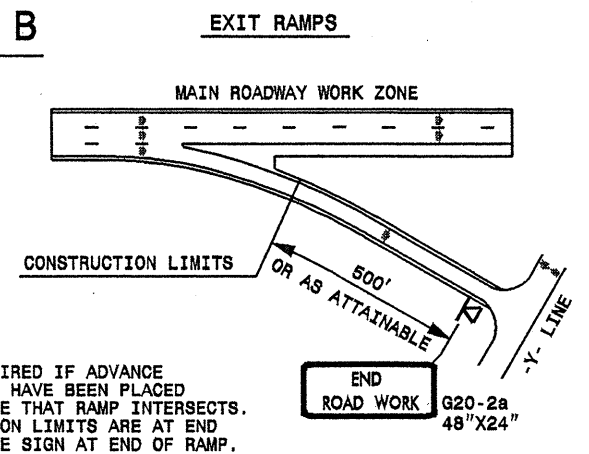
**DETAIL A**



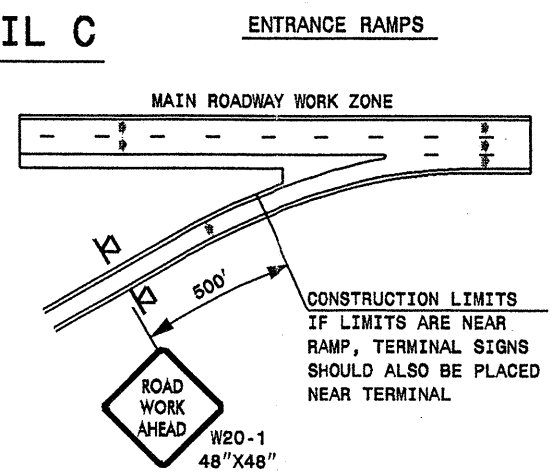
STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

**ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)**

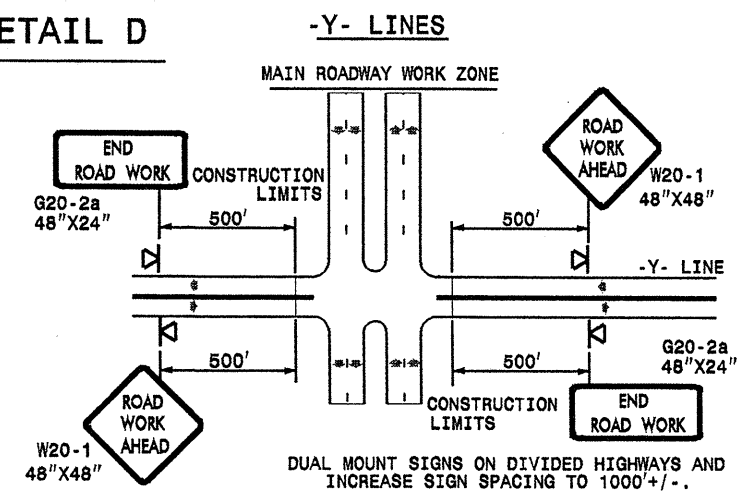
**DETAIL B**



**DETAIL C**



**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 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 MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

**LEGEND**

◁ PORTABLE SIGN

➔ DIRECTION OF TRAFFIC FLOW

APPROVED: _____	DATE: _____	<b>DETAIL DRAWING FOR FREEWAYS WORK ZONE WARNING SIGNS</b>		
SEAL	SCALE: NONE		REVISIONS	
	DATE:		7-98	10/01
	DWG. BY:		10-98	03/04
	DESIGN BY:		01/01	11/04
REVIEWED BY:				

30-OCT-2009 19:49 s:\signing\resur\resur\facimg200\div09\c202495\_451213st2\_r-5174a.stokes.us52\c202495\_451213st2\_r-5174a\_freelanesgreat\july2006.portable.dgn