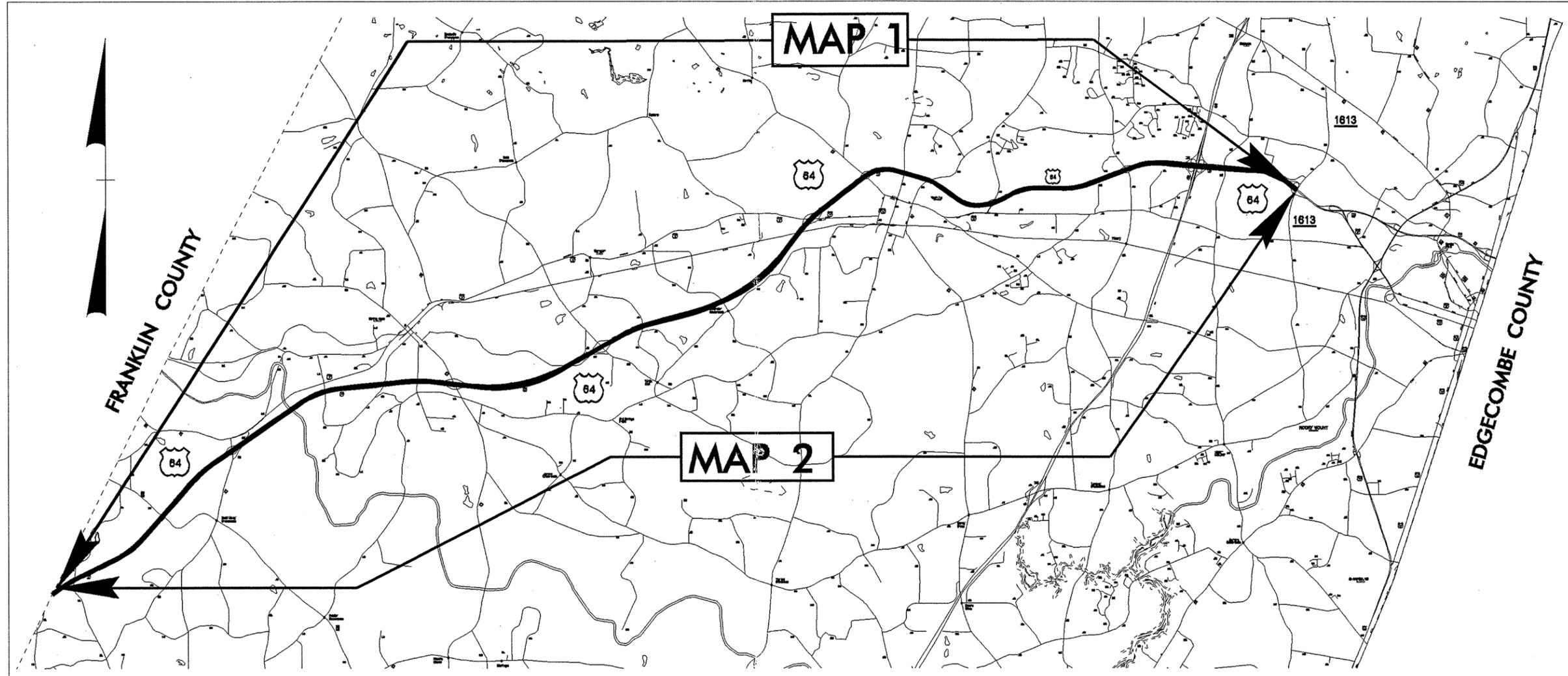
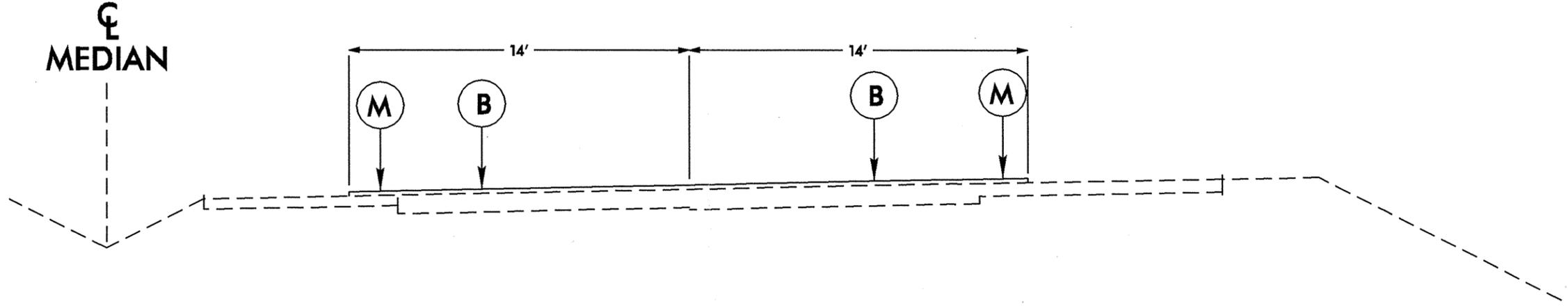


PROJECT REFERENCE NO.		SHEET NO.	
R-5147		1 OF 3	
ROADWAY DESIGN ENGINEER		PAVEMENT DESIGN ENGINEER	



# NASH COUNTY

PROJECT REFERENCE NO. R-5147	SHEET NO. 2 OF 3
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER



# TYPICAL NO. 1

PAVEMENT SCHEDULE	
B	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-2 MODIFIED, AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD. ACROSS TRAVEL LANES AND 2' SHOULDER EACH SIDE
M	MILLED RUMBLE STRIPS
NOTE: ALL PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE	

2006 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch N. C. Department of Transportation - Raleigh, N. C., Dated July 18, 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO. TITLE  
 DIVISION 6 - ASPHALT BASES AND PAVEMENTS  
 665.01 Milled Rumble Strips - Asphalt Pavements

6/2/99  
 12-MAR-2009 11:35  
 Projects\Division 4\1-5147\2009 us 64 Franklin oo to sr 1613 resurfacing %j.p.dgn

PROJECT NO.	SHEET NO.	TOTAL NO.
R-5147	3	3

## SUMMARY OF QUANTITIES

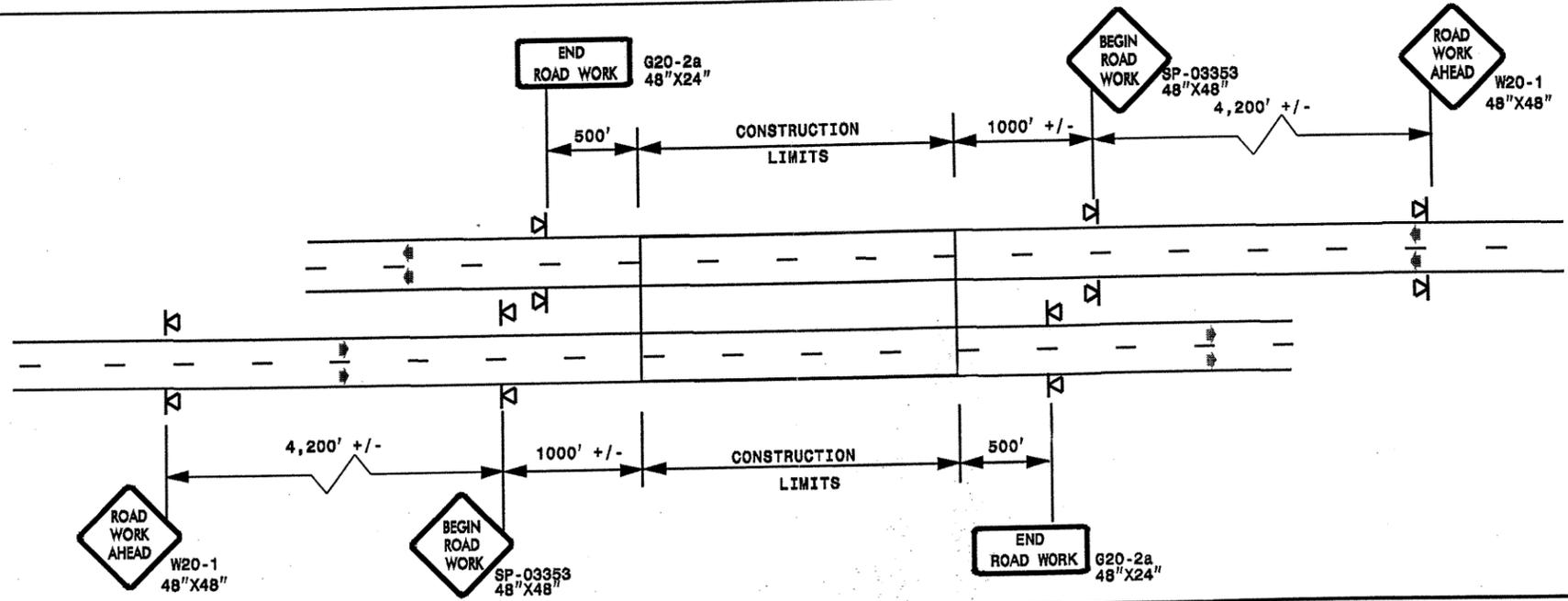
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	MILLED RUMBLE STRIPS LF	INCIDENTAL MILLING SY	PG 76-22 PLANT MIX TONS	SURFACE COURSE, FC-2 MOD TON
R-5147	Nash	1	US 64 WB	FROM SR 1613 EXIT TO FRANKLIN CO LINE	1	23.18	32	244,781	700	1,216	20,264
		2	US 64 EB	FROM FRANKLIN CO LINE TO SR 1613 ENTRANCE	1	23.18	32	244,781	700	1,216	20,264
<b>TOTAL FOR PROJ NO. R-5147</b>						<b>46.36</b>		<b>489,562</b>	<b>1,400</b>	<b>2,432</b>	<b>40,528</b>
<b>GRAND TOTAL</b>						<b>46.36</b>		<b>489,562</b>	<b>1,400</b>	<b>2,432</b>	<b>40,528</b>

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4405000000-E	4415000000-E	4420000000-N	4430000000-E	4480000000-N	4725000000-N	4847100000-E	4847120000-E	4900000000-N
					PORTABLE WORK ZONE SIGN SF	FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGNS EA	DRUMS EA	TRUCK MOUNTED IMPACT ATTENUATOR (60MPH) EA	THERMO SYMBOL 90 MIL EA	6" POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF	12" POLYUREA (HIGHLY REFLECTIVE ELEMENTS) LF	CRYSTAL & RED MARKERS EA
R-5147	Nash	1	US 64 WB	FROM SR 1613 EXIT TO FRANKLIN CO LINE	300	1	1	200	1	27	289,750	13,000	1,739
		2	US 64 EB	FROM FRANKLIN CO LINE TO SR 1613 ENTRANCE	300	1	1	200	1	27	289,750	13,000	1,739
<b>TOTAL FOR PROJ NO. R-5147</b>					<b>600</b>	<b>2</b>	<b>2</b>	<b>400</b>	<b>2</b>	<b>54</b>	<b>579,500</b>	<b>26,000</b>	<b>3,478</b>
<b>GRAND TOTAL</b>					<b>600</b>	<b>2</b>	<b>2</b>	<b>400</b>	<b>2</b>	<b>54</b>	<b>579,500</b>	<b>26,000</b>	<b>3,478</b>

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

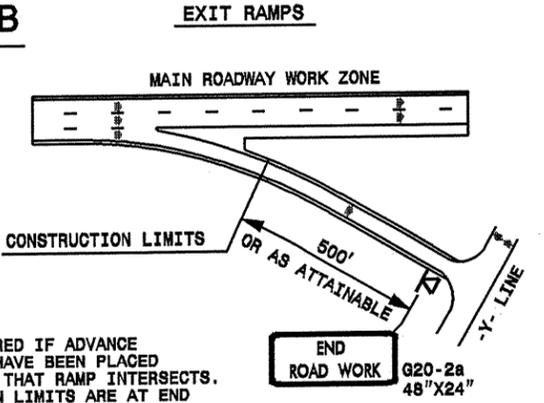
**DETAIL A**



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

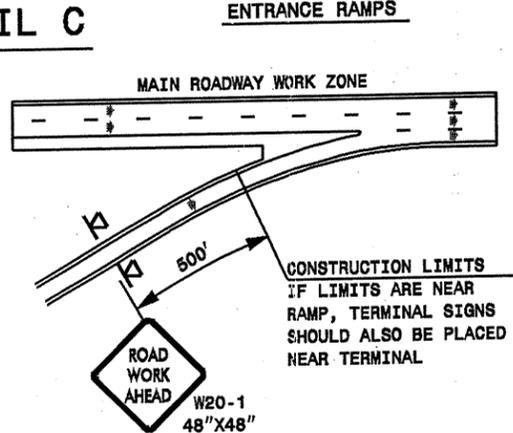
**ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)**

**DETAIL B**



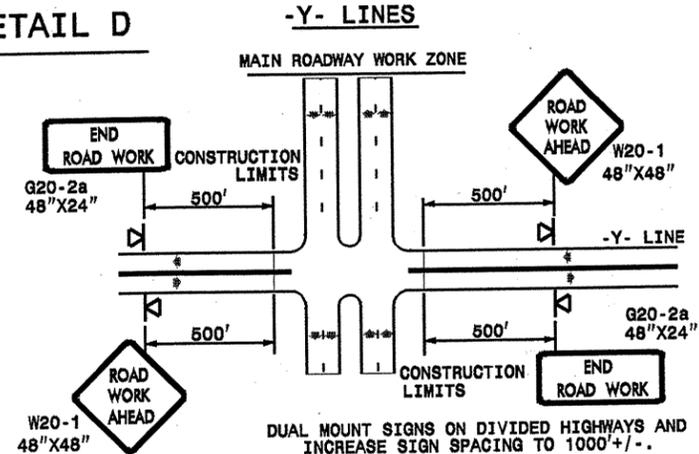
NOTE:  
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

**DETAIL C**



IF LIMITS ARE NEAR RAMP, TERMINAL SIGNS SHOULD ALSO BE PLACED NEAR TERMINAL

**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

SHEET 1 OF 1

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 09/04
	DESIGN BY: _____		01/01 11/04
REVIEWED BY: _____	_____	_____	_____

23-MAR-2009 14:25 s:\s\m\p\esur\fac\109\_030509\resurfacing2009\div04\c202298\_450633st1\_r-5147\_nash.us64\c202298\_450633st1\_freewayescreatjuly2006.por\table.dgn