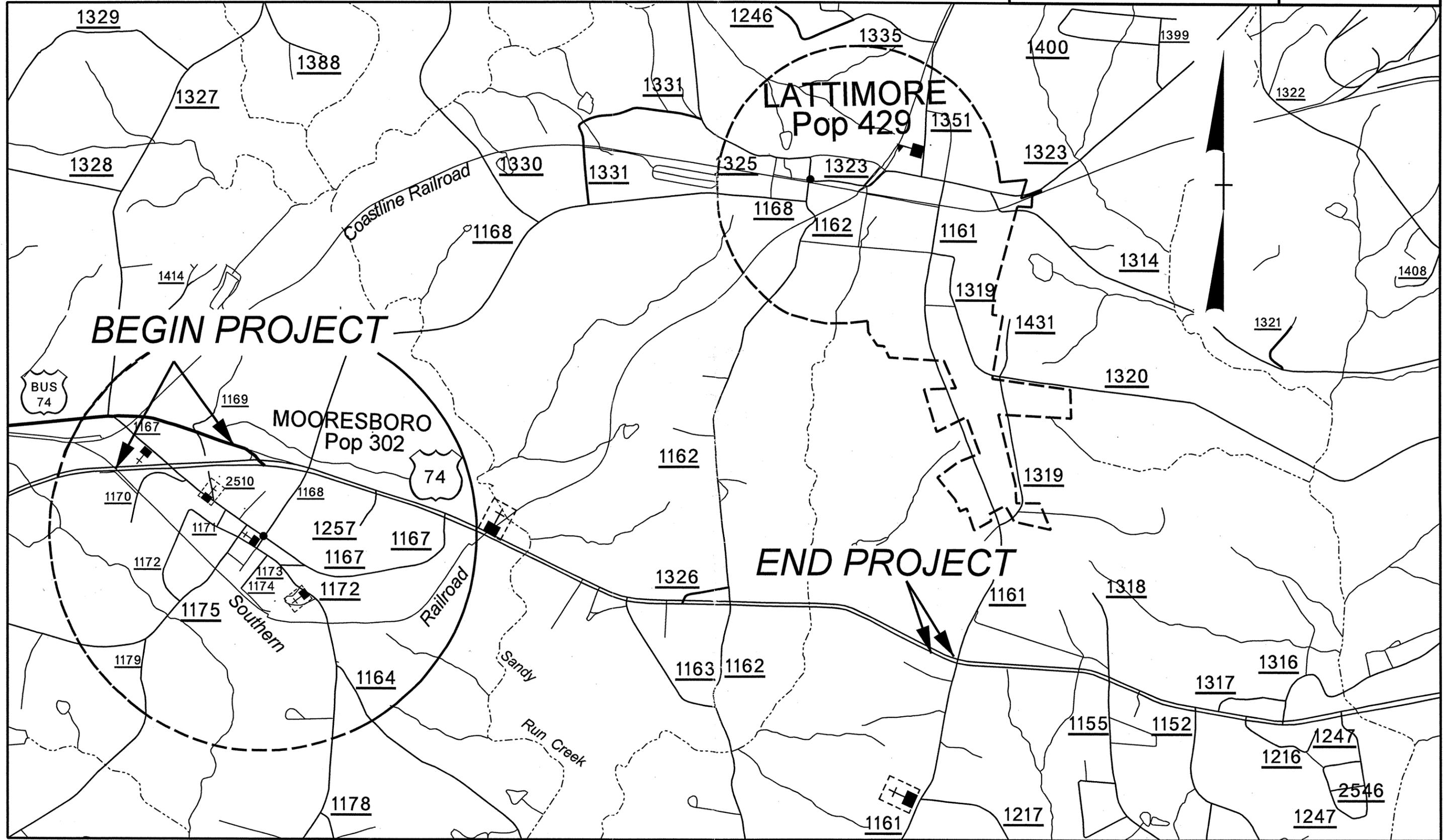
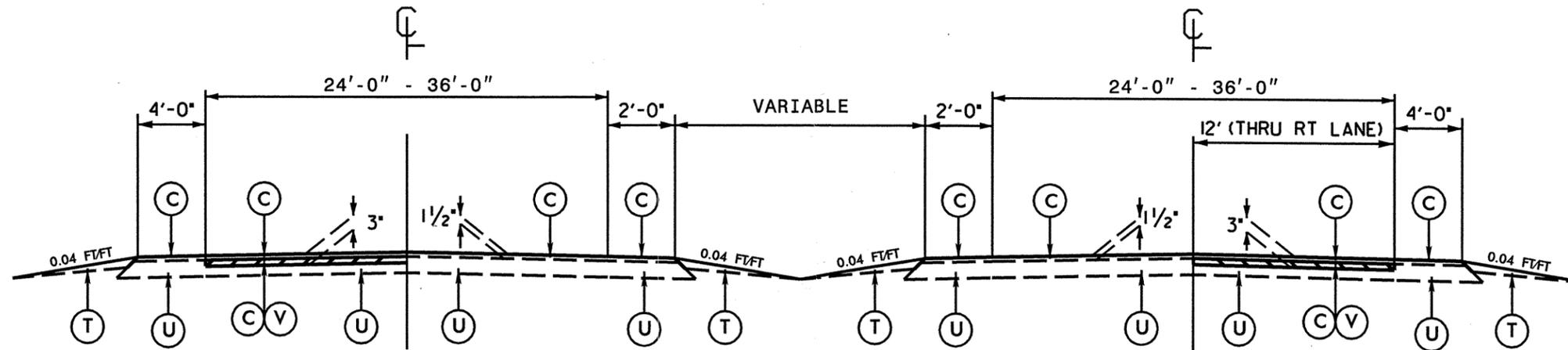


CLEVELAND COUNTY

PROJECT REFERENCE NO.	SHEET NO.
R-5144	1



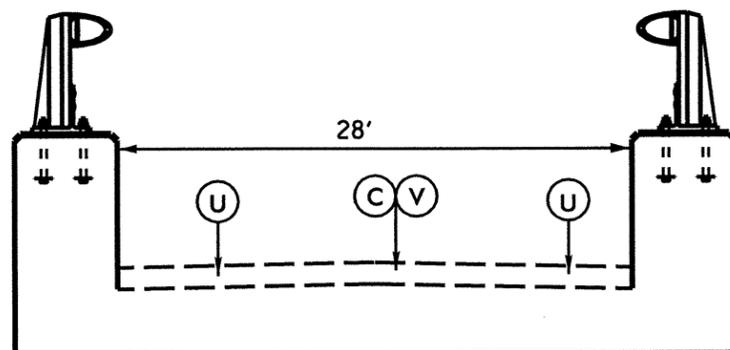


TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1 AS FOLLOWS
 FROM BRIDGE OVER SOUTHERN RAILROAD
 TO NEW PAVEMENT NEAR WEST LEE ST. (SR 1161)

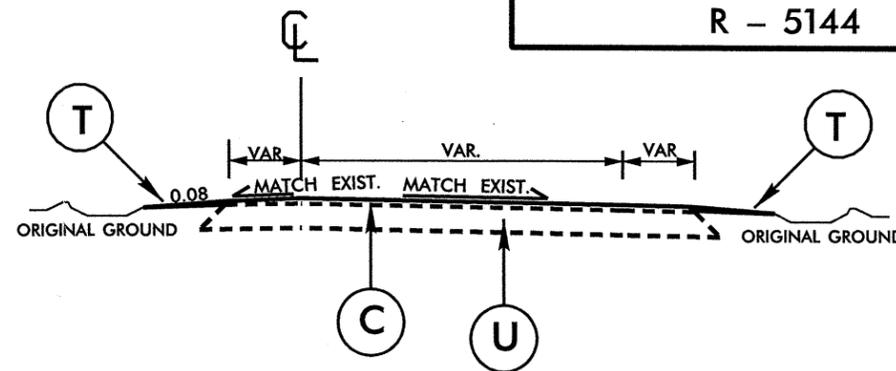
PAVEMENT SCHEDULE	
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	EARTH MATERIAL. (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT.
V	MILLING ASPHALT PAVEMENT 1.5" DEPTH

- NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
- MILLED RUMBLE STRIP LOCATIONS TO BE DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2 AS FOLLOWS
EASTBOUND BRIDGE OVER SANDY RUN CREEK



TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3
RAMPS TO AND FROM US74 BUSINESS

PAVEMENT SCHEDULE

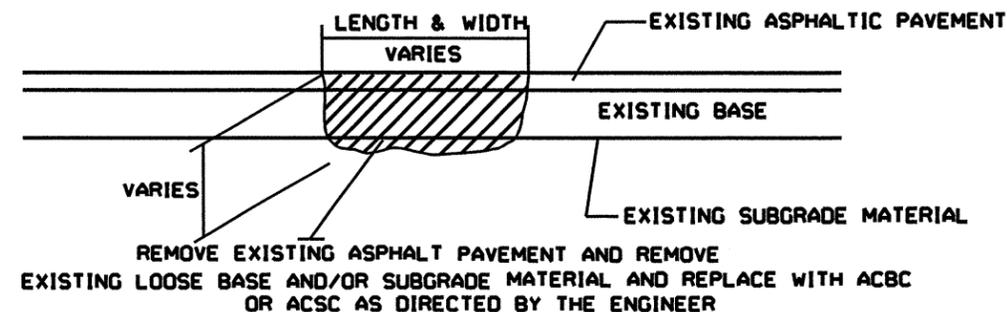
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	EARTH MATERIAL. (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT.
V	MILLING ASPHALT PAVEMENT 1.5" DEPTH

- NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.
- MILLED RUMBLE STRIP LOCATIONS TO BE DIRECTED BY THE ENGINEER



BRIDGE PROFILE

USE DETAIL FOR INCIDENTAL MILLING
AT ALL BRIDGE APPROACHES AND DEPARTURES



PATCHING EXISTING PAVEMENT

USE WITH TYPICAL NO. 1 WHERE SHOULDER PATCHING MAY BE NECESSARY

PROJECT NO.	SHEET NO.	TOTAL NO.
R-5144	4	

SUMMARY OF QUANTITIES

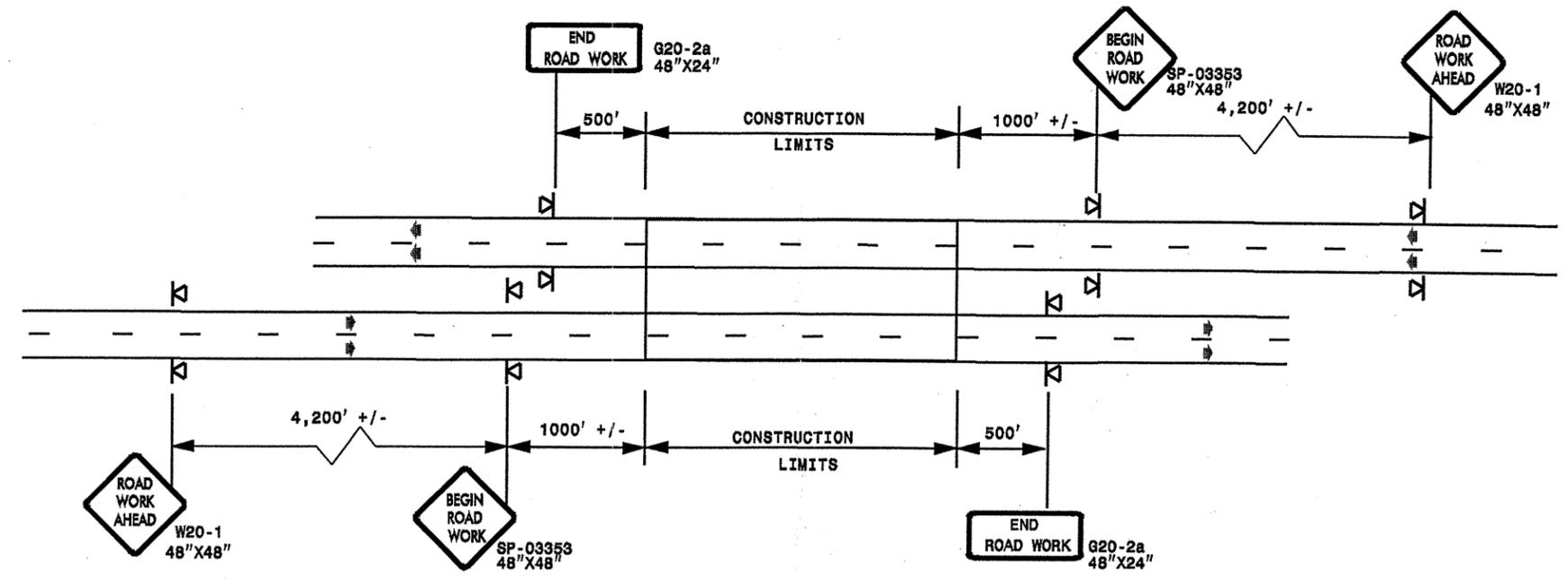
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	SHOULDER RECONSTRUCTION SMI	1/2" MILLING SY	INCIDENTAL MILLING SY	SURFACE COURSE, S9.5D TONS	PG 76-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	MILLED RUMBLE STRIPS LF	TEMP. SILT FENCE LF	SEDIMENT CONTROL STONE TON	SILT EXCAVATION CY	1/4" HARDWARE CLOTH LF
R-5144	Cleveland	1	US 74	4 LANE 2 WAY DIVIDED US 74 FROM BRIDGES OVER SOUTHERN RAILROAD TO NEW PAVEMENT NEAR WEST LEE ST. (SR 1161)		3.066	24	12.264	42,750	3,500	14,120	780	2,000	38,500	500	120	45	600
TOTAL FOR PROJ NO. R-5144						3.066		12.264	42,750	3,500	14,120	780	2,000	38,500	500	120	45	600
GRAND TOTAL						3.066		12.264	42,750	3,500	14,120	780	2,000	38,500	500	120	45	600

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4415000000-N	4420000000-N	4430000000-N	4480000000-N	4685000000-E		4686000000-E	4695000000-E	4725000000-E				4810000000-E	4850000000-E	4905000000-N
					FLASHING ARROW PANELS, TYPE C EA	CHANGEABLE MESSAGE SIGNS EA	DRUMS EA	TMIA EA	4" X 90 M WHITE THERMO LF	4" X 90 M YELLOW THERMO LF	4" X 120 M WHITE THERMO LF	8" X 90 M WHITE THERMO LF	THERMO LT ARROW 90 M EA	THERMO RT ARROW 90 M EA	THERMO STR ARROW 90 M EA	THERMO LT STR RT ARROW 90 M EA	4" PAINT PAVEMENT MARKING LINES - WHITE LF	4" LINE REMOVAL LF	SNOW PLOWABLE MARKERS EA
R-5144	Cleveland	1	US 74	4 LANE 2 WAY DIVIDED US 74 FROM BRIDGES OVER SOUTHERN RAILROAD TO NEW PAVEMENT NEAR WEST LEE ST. (SR 1161)	1	1	600	1	34,430	33,950	10,180	500	16	10	28	1	15,000	25,000	470
TOTAL FOR PROJ NO. R-5144					1	1	600	1	34,430	33,950	10,180	500	16	10	28	1	15,000	25,000	470
GRAND TOTAL					1	1	600	1	34,430	33,950	10,180	500	16	10	28	1	15,000	25,000	470

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

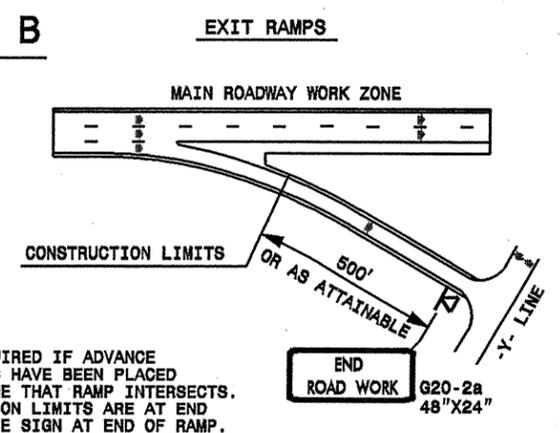
DETAIL A



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

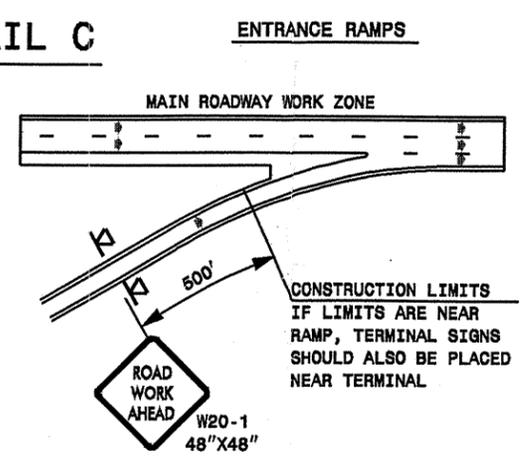
ROADWAYS INTERSECTING ALONG FREEWAY WORK ZONE (Y-LINES)

DETAIL B



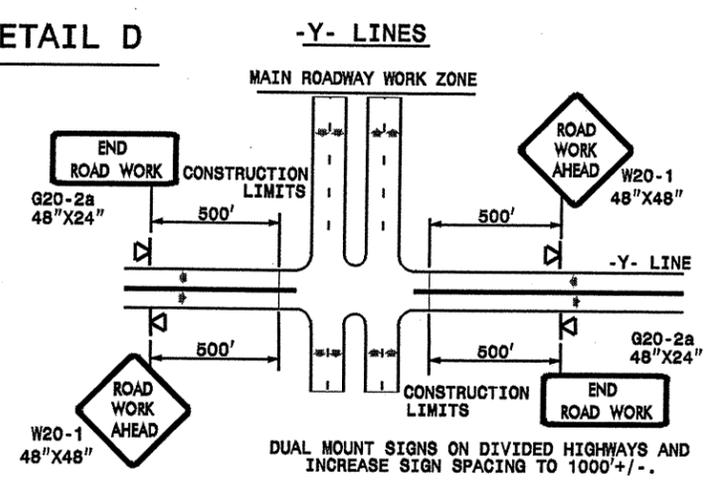
NOTE:
SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



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

DETAIL D



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

**DETAIL DRAWING
FOR FREEWAYS
WORK ZONE WARNING SIGNS
(SHORT-DURATION LANE CLOSURES)**

SHEET 1 OF 1

APPROVED: _____ DATE: _____	DETAIL DRAWING FOR FREEWAYS 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: _____		

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