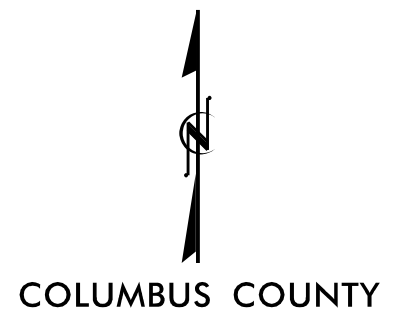


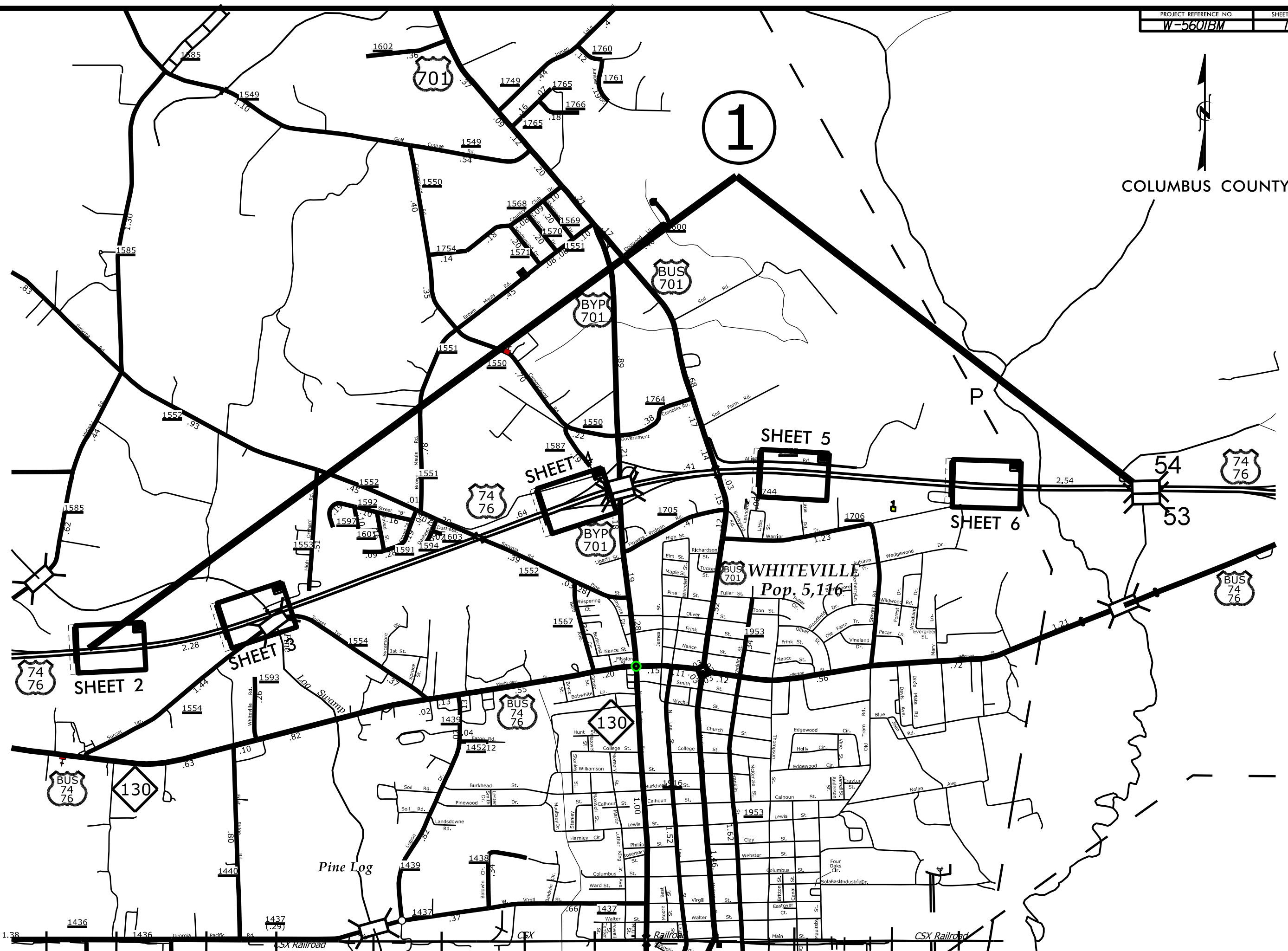
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1



REVISIONS

SYSTEM TIME: 09:00:00
DATE: 08/17/99
DRAWN BY: J. GIBSON
CHECKED BY: M. WATSON

1.38

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CSX Railroad

COLUMBUS COUNTY



60

65

70



-L-
PI Sta 48+03.78
Δ = 16° 26' 29.2" (LT)
D = 0' 30' 10.0"
L = 3,270.05'
T = 1646.34'
R = 11,395.62'

PT. Sta. 64+27.49

64+19+

45'

64+19+

45'

N 69° 53' 21.9" E

SUNSET TER.

REVISIONS

8/17/99

 SYSTEMS DESIGN *****

COLUMBUS COUNTY



701 BYPASS RAMP

701 BYPASS RAMP

N 69° 57' 32.8" E

PC 586.139+64.30

+74.30

+54.30

-L-
 PI Sta 154+60.22
 Δ = 24° 18' 01" (RT)
 D = 0' 29" 53.6"
 L = 4877.36'
 T = 2,475.92'
 R = 11,500.00'

527

401

45

REVISIONS

8/17/99

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$CEN\$\$\$\$\$
 \$\$\$USER\$\$\$\$\$
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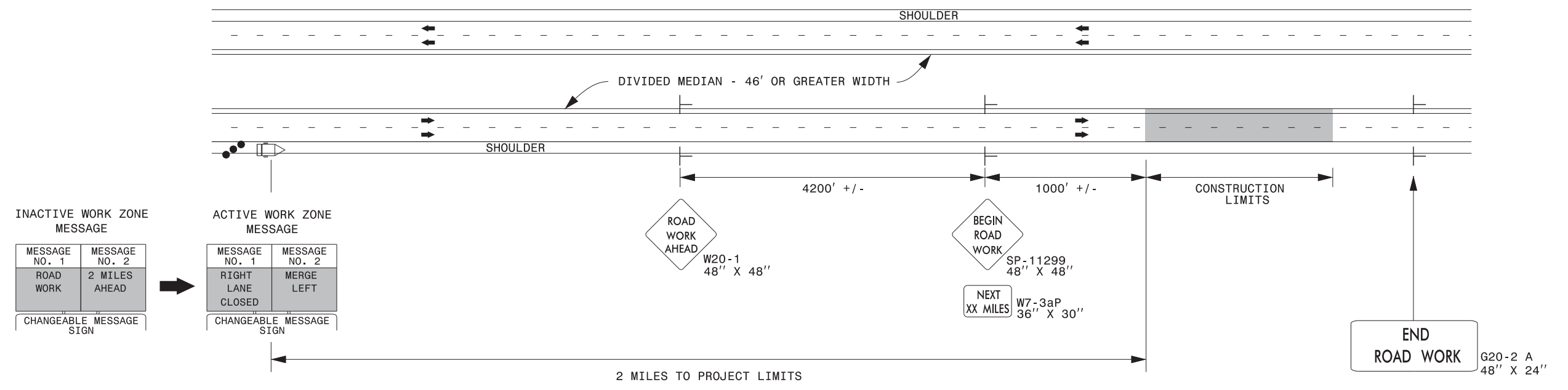
SUMMARY OF QUANTITIES

																	PROJECT NO.	SHEET NO.	TOTAL NO.	
																	W-5601BM	9		
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	CONSTRUCTION SURVEYING	AGGREGATE SHOULDER BORROW	SHOULDER RECONSTRUCTION	0" TO 1.5" MILLING	INCIDENTAL MILLING	INTERMEDIATE COURSE, I19.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
NO		NO			NO					MI	FT	LS	TON	SMI	SY	SY	TONS	TONS	TONS	LF
W-5601BM	Columbus	1	US 74	FROM 0.5 MI. E. OF SR 1585 TO WHITE MARSH SW.	1	4	MD	NO	NO	4.52	64	1	6,500	18.10	15,000	3,500	3,750	16,750	1,170	96,000
TOTAL FOR MAP NO. 1										4.52		1	6,500	18.10	15,000	3,500	3,750	16,750	1,170	96,000
TOTAL FOR PROJ NO. W-5601BM										4.52		1	6,500	18.10	15,000	3,500	3,750	16,750	1,170	96,000
GRAND TOTAL										4.52		1	6,500	18.10	15,000	3,500	3,750	16,750	1,170	96,000

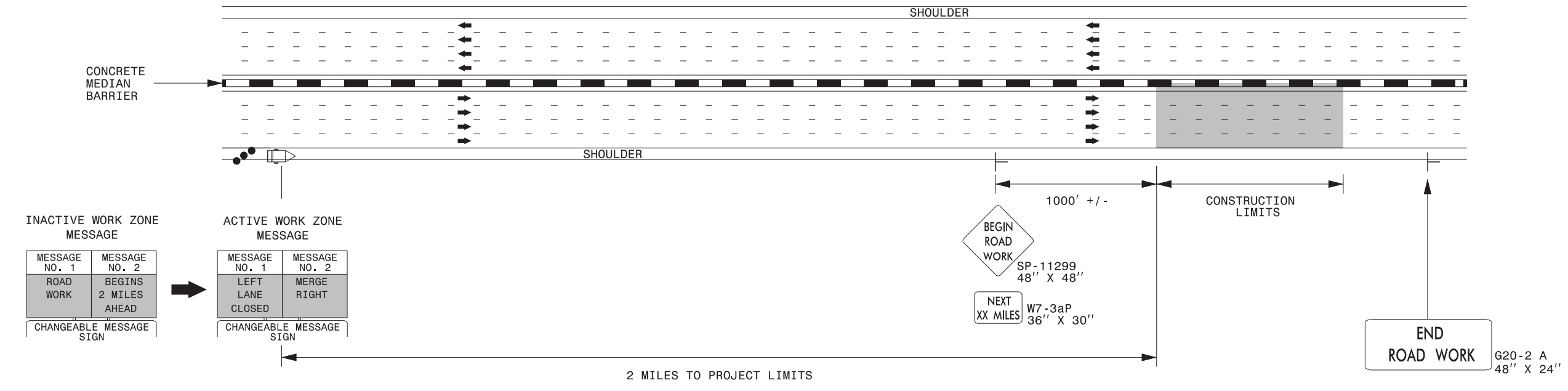
THERMOPLASTIC AND PAINT QUANTITIES

											4457000000-N	4413000000-E	4510000000-N	4688000000-E	4690000000-E	4700000000-E	4725000000-E	4810000000-E	4900000000-N		
PROJECT	COUNTY	MAP	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH		TEMPORARY TRAFFIC CONTROL	WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	LAW ENFORCEMENT	6" X 90 M WHITE THERMO	6" X 90 M YELLOW THERMO	6" X 120 M WHITE THERMO	12" X 90 M WHITE THERMO	THERMO MERGE ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	CRYSTAL & RED MARKERS
NO		NO			NO						LS	SF	HR	LF	LF	LF	LF	EA	LF	LF	EA
W-5601BM	Columbus	1	US 74	FROM 0.5 MI. E. OF SR 1585 TO WHITE MARSH SW.	1	4	MD	4.52	64		1	270	90	50,000	50,000	14,000	1,250	9	33,000	25,000	700
TOTAL FOR MAP NO. 1								4.52			1	270	90	50,000	50,000	14,000	1,250	9	33,000	25,000	700
TOTAL FOR PROJ NO. W-5601BM								4.52			1	270	90	50,000	50,000	14,000	1,250	9	33,000	25,000	700
GRAND TOTAL								4.52			1	270	90	50,000	50,000	14,000	1,250	9	33,000	25,000	700
														100,000					58,000		

DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



DIVIDED MEDIANS WITH WIDTHS LESS THAN 46' OR WITH PERMANENT MEDIAN BARRIER

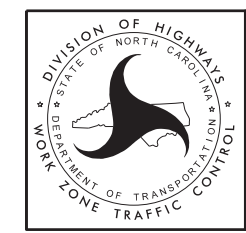


NOTES:

- 1) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 6' AS MEASURED FROM THE EDGE OF PAVEMENT.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) FOR MEDIAN WIDTHS LESS THAN 46' (MEASURED EDGELINE TO EDGELINE) USE THE BOTTOM DRAWING.
- 4) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 5) INSTALL "ROAD WORK AHEAD" (W20-1) ALONG ENTRANCE RAMP 500' PRIOR TO RAMP TERMINAL, AND "END ROAD WORK" (G20-2a) AT THE END OF EXIT RAMP WITHIN THE WORK ZONE.
- 6) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- CHANGEABLE MESSAGE SIGN (CMS)
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM



**RESURFACING ADVANCE
WARNING SIGNS FOR
HIGH SPEED FACILITIES
≥ 60 MPH**