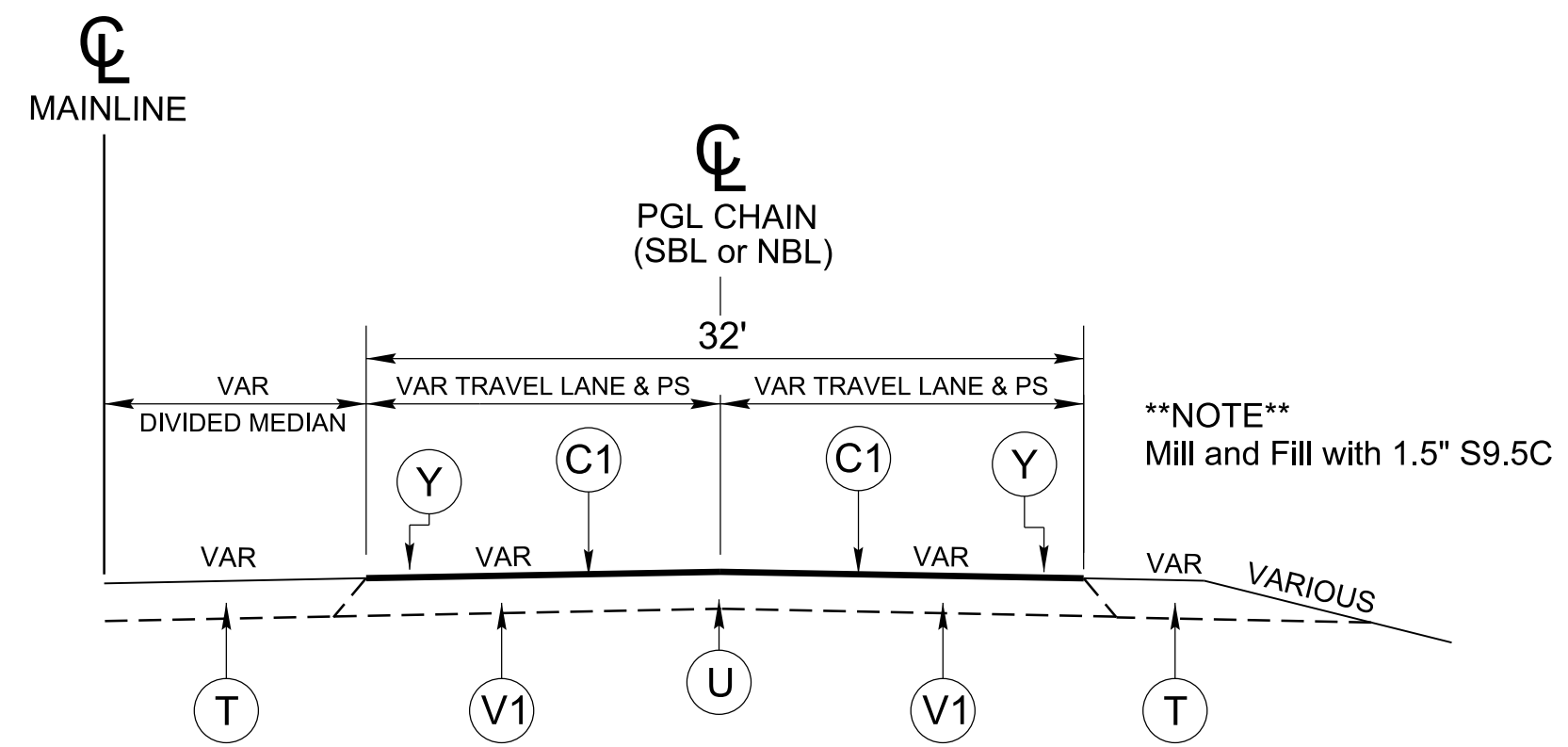
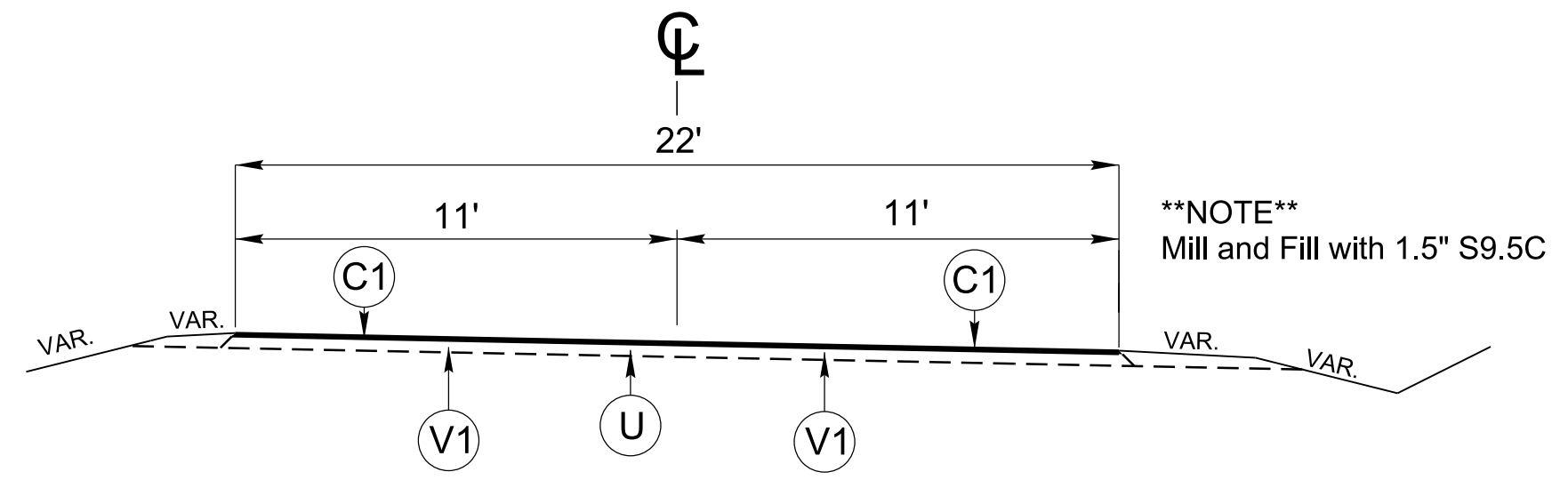


* INCIDENTAL MILLING AT LOCATIONS AS DIRECTED BY THE ENGINEER



TYPICAL SECTION NO. 1

MAP 1 - US 421 NB FROM BR#39 OVERPASS TO WILKES CO LINE
 MAP 4 - US 421 SB FROM WILKES CO LINE TO BR#39 OVERPASS

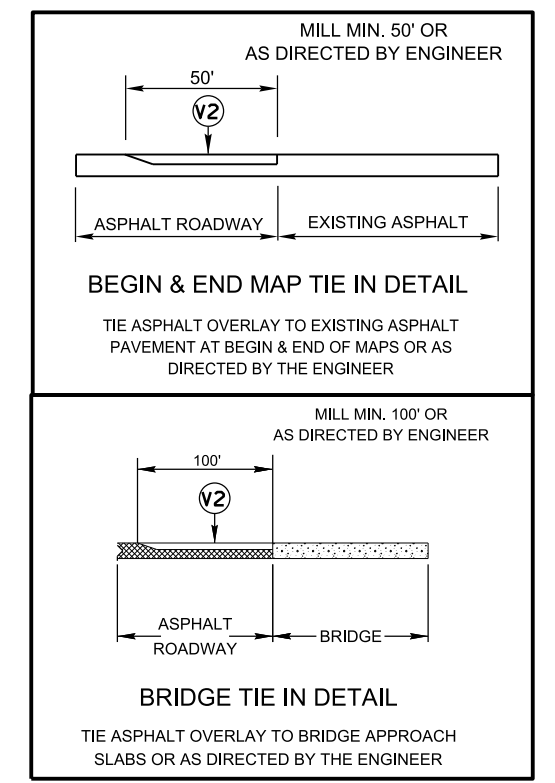


TYPICAL SECTION NO. 2

MAP 2 - RMP-4878 (NB OFF RAMP) FROM US 421 NB TO SR 1100
 MAP 3 - RMP-4879 (NB ON RAMP) FROM SR 1100 TO US 421 NB
 MAP 5 - RMP-4876 (SB OFF RAMP) FROM US 421 SB TO SR 1100
 MAP 6 - RMP-4877 (SB ON RAMP) FROM SR 1100 TO US 421 SB

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT
V1	MILLING OF EXISTING ASPHALT PAVEMENT AT DEPTH OF 1½"
V2	INCIDENTAL MILLING (See Tie in Detail)
Y	MILLED RUMBLE STRIPS

****NOTE****
 Mill and Fill with 1.5" S9.5C



****NOTE****
 Mill and Fill with 1.5" S9.5C

NOTE: TYPICALS ARE NOT TO SCALE

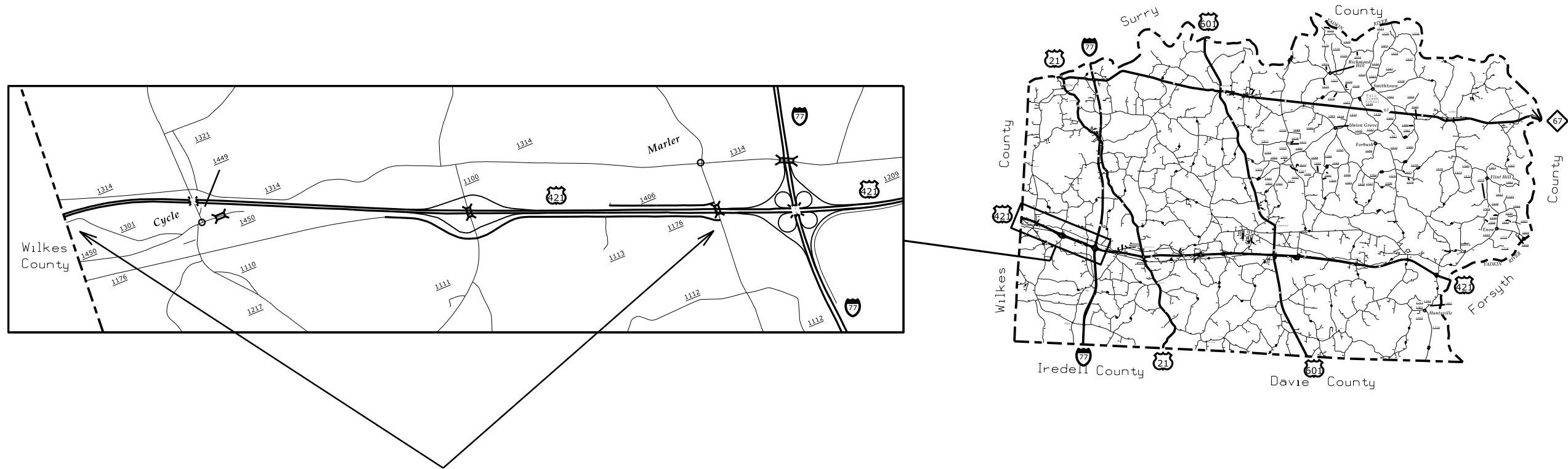
YADKIN COUNTY PRIMARY ROADS 2024 ASPHALT RESURFACING													
<table border="1" style="width: 100%;"> <thead> <tr> <th>REVISIONS</th> <th>INT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS	INT.	DATE								
REVISIONS	INT.	DATE											
N.C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DIVISION ELEVEN		<table border="1" style="width: 100%;"> <tr> <td>SCALE: N/A</td> <td>DATE: 5/2/2024</td> </tr> <tr> <td>PREPARED BY: DLH</td> <td> </td> </tr> <tr> <td>REVIEWED BY: </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	SCALE: N/A	DATE: 5/2/2024	PREPARED BY: DLH		REVIEWED BY:						
SCALE: N/A	DATE: 5/2/2024												
PREPARED BY: DLH													
REVIEWED BY:													

06-MAY-2024 10:01
 C:\Users\jyadkin\OneDrive\Desktop\2024 Asphalt Resurfacing Maps\Yadkin\DK00381-Yadkin 2024 -Typicals.dgn
 8/17/99

YADKIN COUNTY

TYPE OF WORK: ASPHALT RESURFACING
MAPS # 1 THROUGH # 6

2024



MAPS #1-6

- * US 421 NB - (3.40mi) FROM BR#39 OVERPASS TO WILKES CO LINE
- * RMP-4878 NB OFF RAMP - (0.40mi) FROM US 421 NB TO SR 1100
- * RMP-4879 NB ON RAMP - (0.36mi) FROM SR 1100 TO US 421 NB
- * US 421 SB - (3.39mi) FROM WILKES CO LINE TO BR#39 OVERPASS
- * RMP-4876 SB OFF RAMP - (0.39mi) FROM US 421 SB TO SR 1100
- * RMP-4877 SB ON RAMP - (0.40mi) FROM SR 1100 TO US 421 SB

												PROJECT NO.		SHEET NO.					
												DK00381		3					
SUMMARY OF QUANTITIES																			
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1330000000-E	1523000000-E	1575000000-E	1840000000-E
								MI	FT			INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	1½" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	MILLED RUMBLE STRIPS (ASPHALT CEMENT CONCRETE)
												TONS	SMI	TON	SY	SY	TONS	TON	LF
2024CPT.11.08.10991	Yadkin	1	US-421 N	FROM BR# 39 OVER PASS TO WILKES CO LINE	1	2	MD	3.40	32	17.90	21.30	68	6.80	935	63,829	1,066	5,921	349	35,904
2024CPT.11.08.10991	Yadkin	2	RMP-4878 NB OFF RAMP	FROM US 421 NB TO SR 1100	2	1		0.40	22	0.00	0.40	8			5,397	128	501	30	
2024CPT.11.08.10991	Yadkin	3	RMP-4879 NB ON RAMP	FROM SR 1100 TO US 421 NB	2	1		0.36	22	0.00	0.36	7			4,858	128	451	27	
2024CPT.11.08.10991	Yadkin	4	US-421 S	FROM WILKES CO LINE TO BR# 39 OVER PASS	1	2	MD	3.39	32	0.00	3.39	68	6.78	932	59,664	1,066	5,903	348	35,798
2024CPT.11.08.10991	Yadkin	5	RMP-4876 SB OFF RAMP	FROM US 421 SB TO SR 1100	2	1		0.39	22	0.00	0.39	8			5,034	122	468	28	
2024CPT.11.08.10991	Yadkin	6	RMP-4877 SB ON RAMP	FROM SR 1100 TO US 421 SB	2	1		0.40	22	0.00	0.40	8			5,163	122	480	28	
TOTAL FOR PROJ NO. 2024CPT.11.08.10991								8.34				167	13.58	1,867	143,945	2,632	13,724	810	71,702
GRAND TOTAL								8.34				167	13.58	1,867	143,945	2,632	13,724	810	71,702

[GO!NC Milepost Maps](#)

*Detour for Ramp Closures Detail Sheet shall be used in conjunction with *Roadway Standard Drawing 1101.02, Sheets 12 or 13*, for traffic control devices required to close ramps.

												PROJECT NO.		SHEET NO.	
												DK00381		4	

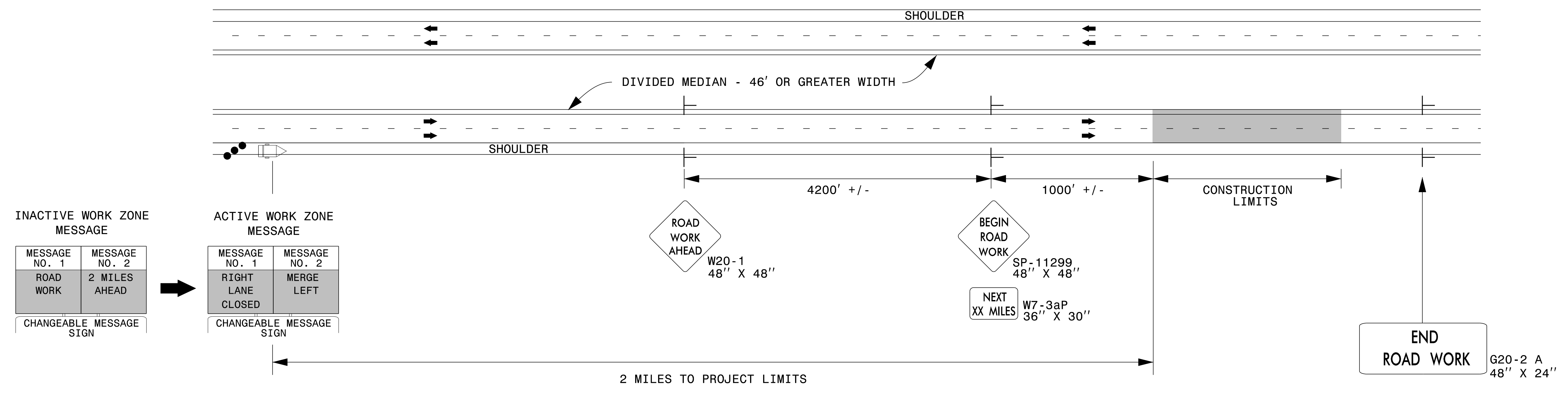
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4688000000-E		4700000000-E	4725000000-E		4905100000-N
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	THERMOPLASTIC PAVEMENT MARKING LINES, WHITE, (6", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES, YELLOW, (6", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES, WHITE, (12", 90 MILS)	THERMOPLASTIC MERGE ARROW 90 MILS	THERMOPLASTIC RAMP ARROW 90 MILS	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
								MI	FT			SF	LF	LF	LF	EA	EA	EA
2024CPT.11.08.10991	Yadkin	1	US-421 N	FROM BR# 39 OVER PASS TO WILKES CO LINE	1	2	MD	3.40	32	17.90	21.30	160	22,440	17,952	1,150	3		224
2024CPT.11.08.10991	Yadkin	2	RMP-4878 NB OFF RAMP	FROM US 421 NB TO SR 1100	2	1		0.40	22	0.00	0.40	40	2,112	2,112			1	14
2024CPT.11.08.10991	Yadkin	3	RMP-4879 NB ON RAMP	FROM SR 1100 TO US 421 NB	2	1		0.36	22	0.00	0.36	56	1,901	1,901				
2024CPT.11.08.10991	Yadkin	4	US-421 S	FROM WILKES CO LINE TO BR# 39 OVER PASS	1	2	MD	3.39	32	0.00	3.39	160	22,374	17,899	1,200	3		300
2024CPT.11.08.10991	Yadkin	5	RMP-4876 SB OFF RAMP	FROM US 421 SB TO SR 1100	2	1		0.39	22	0.00	0.39	40	2,059	2,059			1	14
2024CPT.11.08.10991	Yadkin	6	RMP-4877 SB ON RAMP	FROM SR 1100 TO US 421 SB	2	1		0.40	22	0.00	0.40	56	2,112	2,112				
TOTAL FOR PROJ NO. 2024CPT.11.08.10991								8.34				512	52,998	44,035	2,350	6	2	552
													97,033		8			
GRAND TOTAL								8.34				512	52,998	44,035	2,350	6	2	552
													97,033		8			

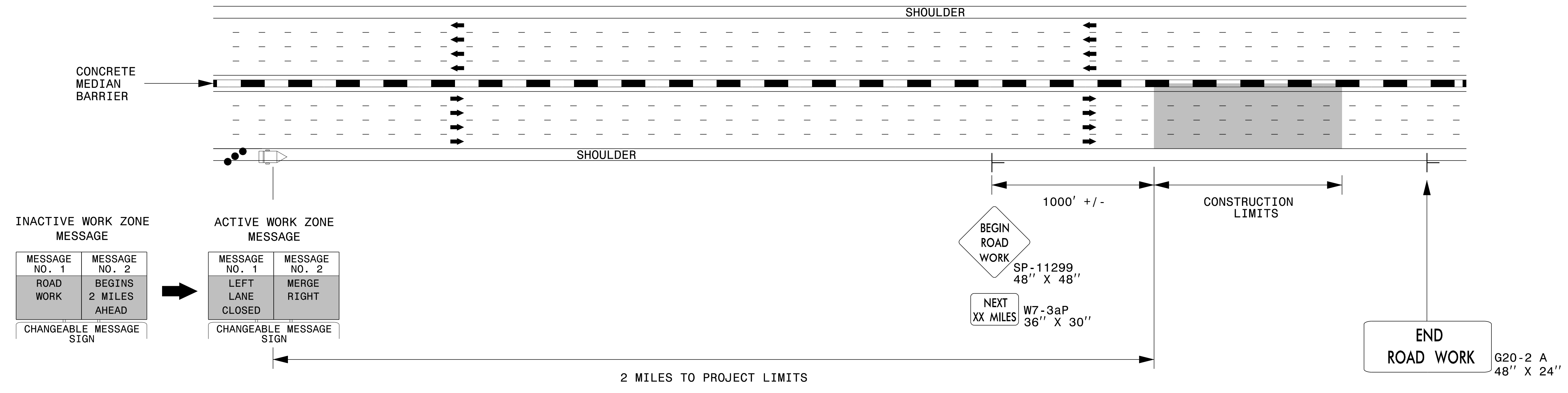
[GO!NC Milepost Maps](#)

*Detour for Ramp Closures Detail Sheet shall be used in conjunction with *Roadway Standard Drawing 1101.02, Sheets 12 or 13*, for traffic control devices required to close ramps.

DIVIDED MEDIANS WITH WIDTHS 46' OR GREATER



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

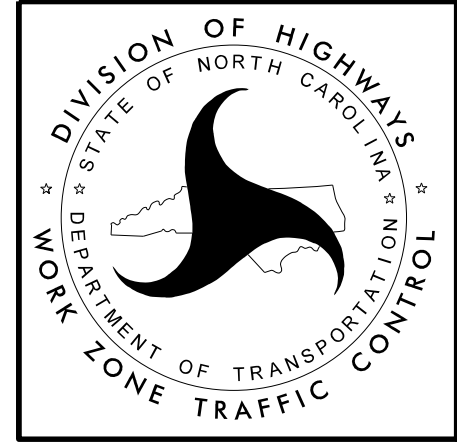


NOTES:

- 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

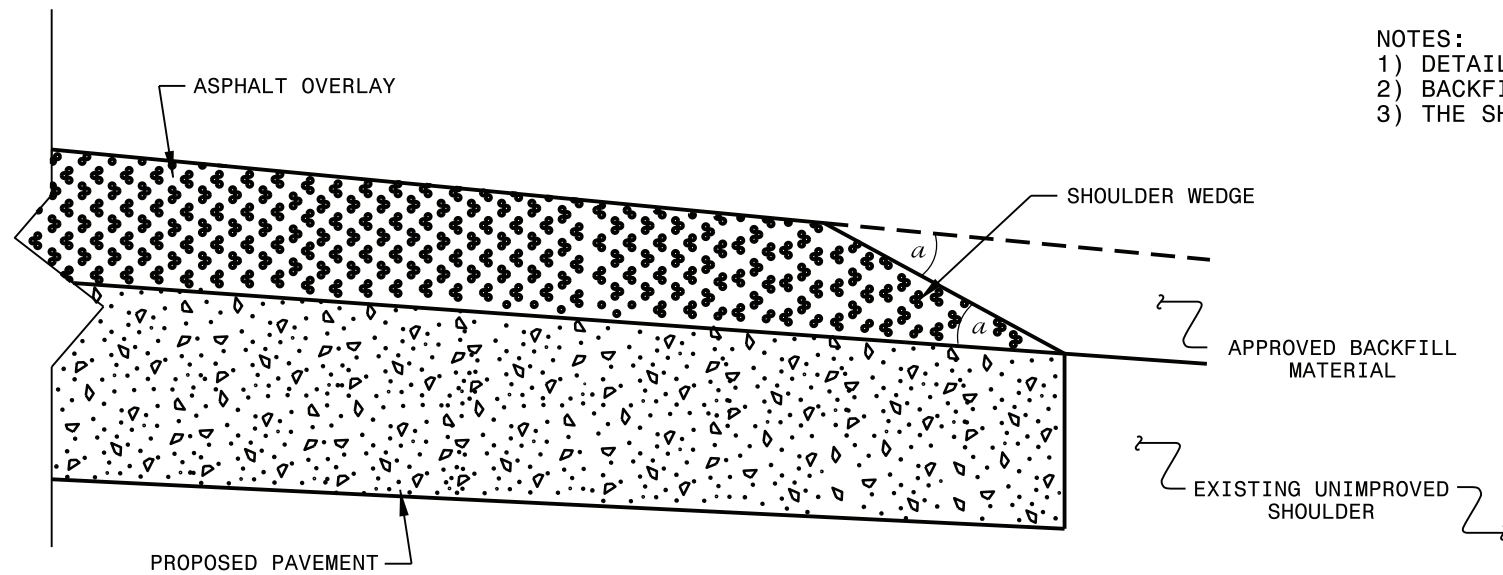
- CHANGEABLE MESSAGE SIGN (CMS)
- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM



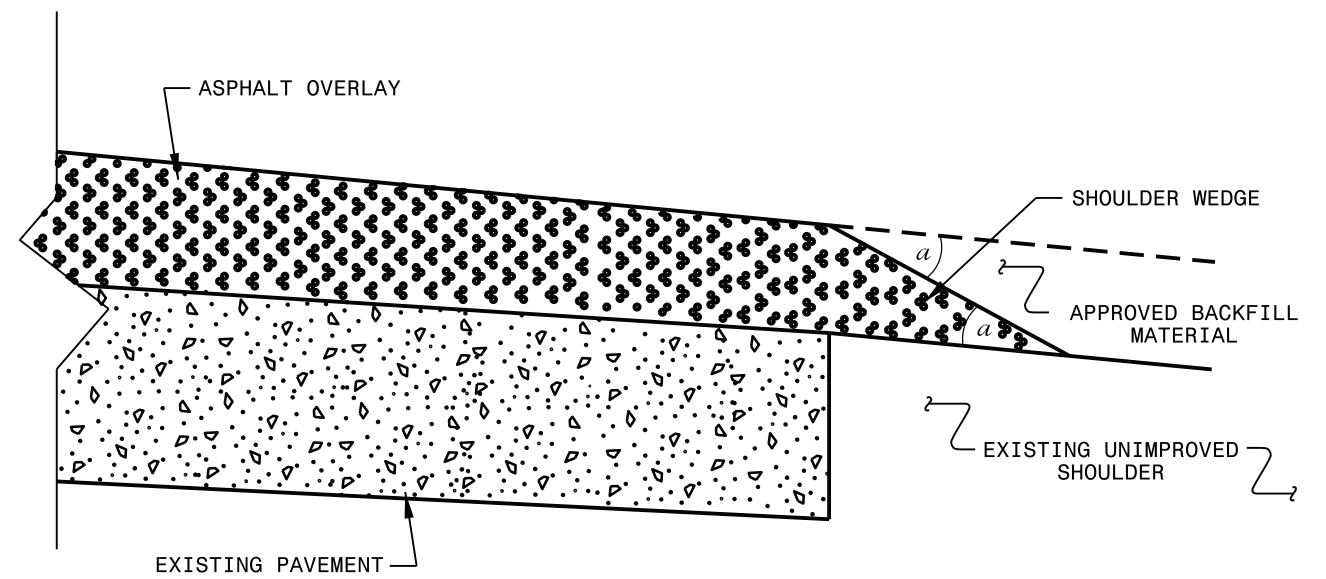
**RESURFACING ADVANCE
WARNING SIGNS FOR
HIGH SPEED FACILITIES
≥ 60 MPH**

3/23/2015 C:\Users\rmgarrrett\Downloads\Resurfacing_AdvWarn_HSpd.dgn User:rmgarrrett

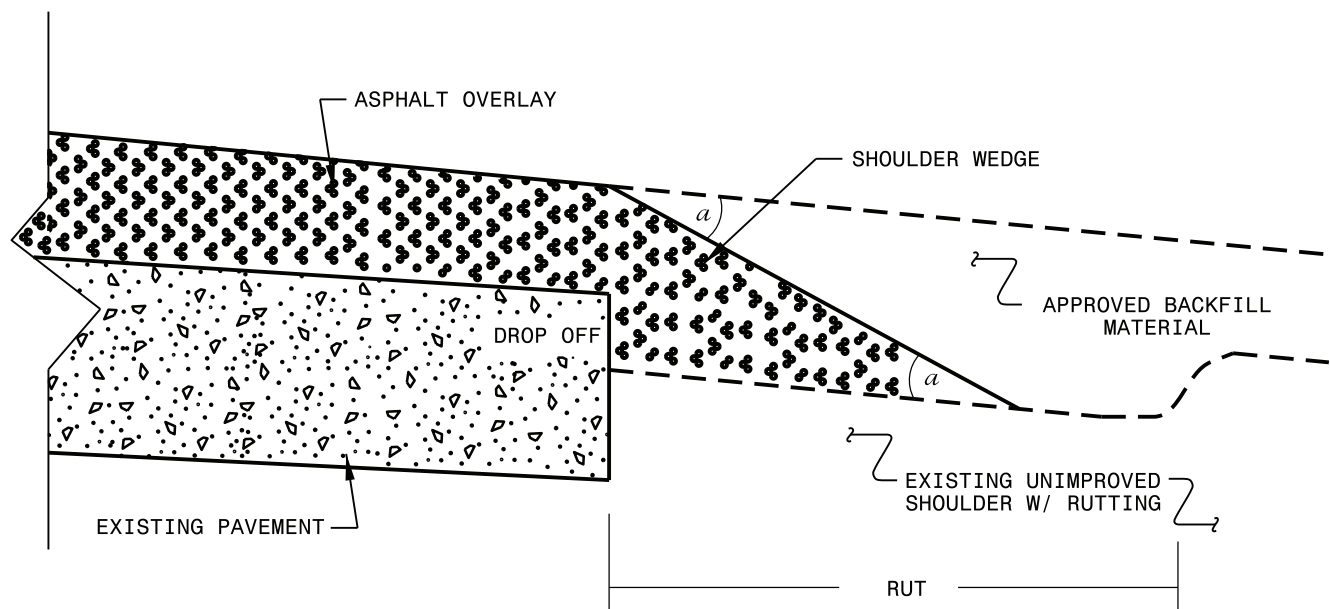
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFCC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ Widening or
with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
(Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
(Resurfacing Adjacent to
Rutted Shoulder)

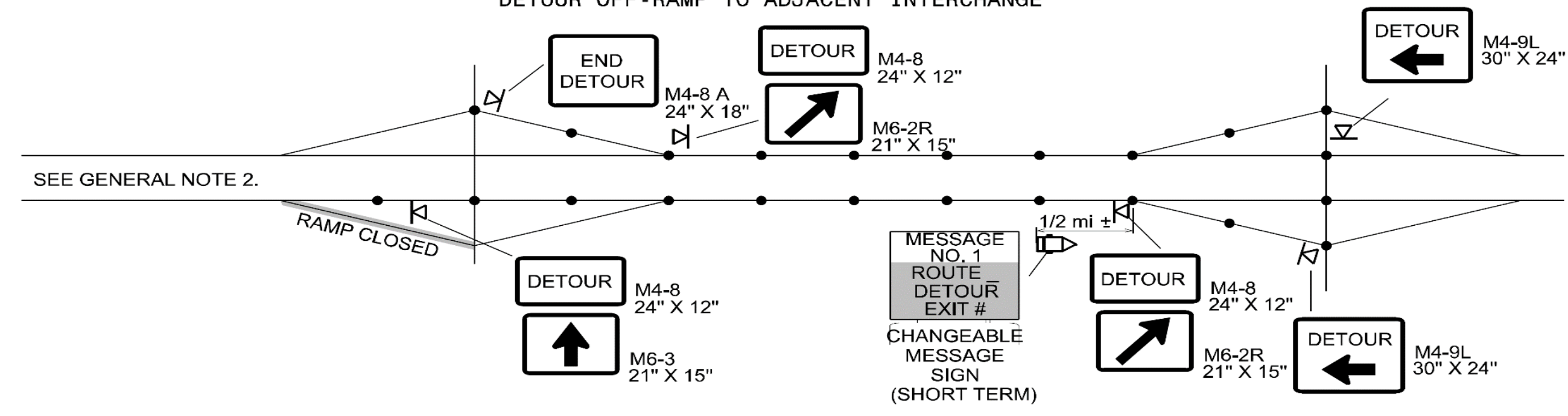
- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	10/16/12
CHECKED BY:		DATE:	
FILE SPEC.:	susr/details/stand/shoulderwedgedetail.dgn		

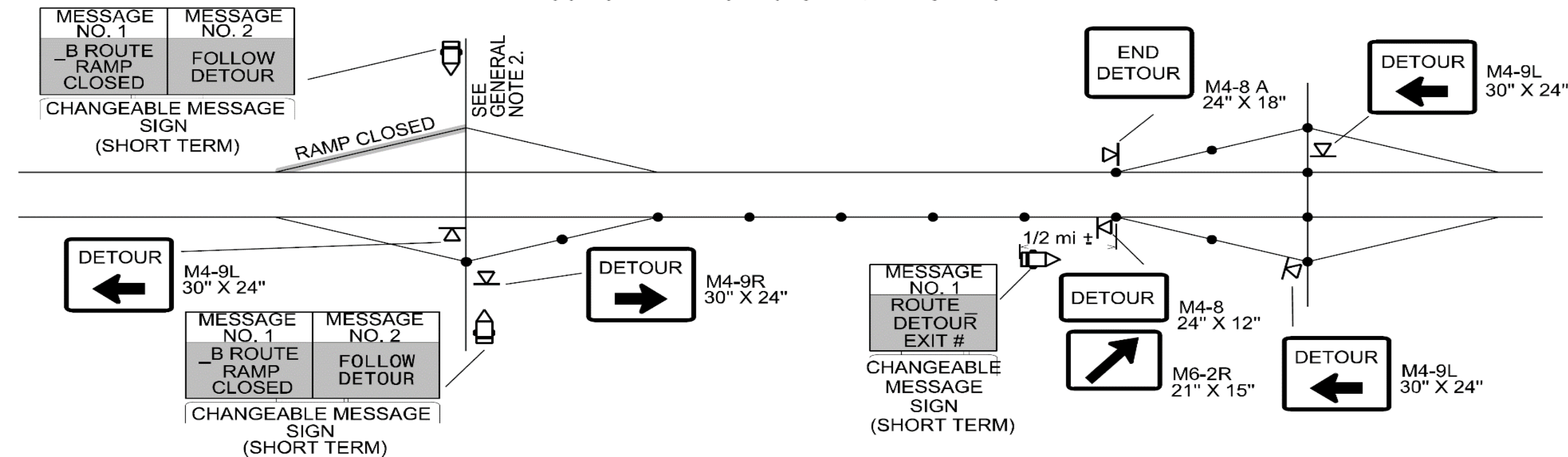
SYSTEMS DESIGN
C:\USERS\JL\APPDATA\LOCAL\AUTOCAD\2011\PLT\PLT001.DWG

DETOURS FOR RAMP CLOSURES

DETOUR OFF-RAMP TO ADJACENT INTERCHANGE



DETOUR ON-RAMP TO ADJACENT INTERCHANGE



GENERAL NOTES

1. THIS DRAWING IS INTENDED FOR USE DURING SHORT TERM (72 HOURS OR LESS) CLOSURES OF RAMPS.
2. THIS SHEET SHALL BE USED IN CONJUNCTION WITH RSD 1101.02, SHEETS 12 OR 13, FOR TRAFFIC CONTROL DEVICES REQUIRED TO CLOSE RAMPS.
3. RAMP CLOSURES SHALL BE APPROVED BY THE ENGINEER.
4. IF RAMP CLOSURE RESTRICTIONS APPLY, SEE "INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES".

☐ PORTABLE SIGN

●—● DETOUR ROUTE