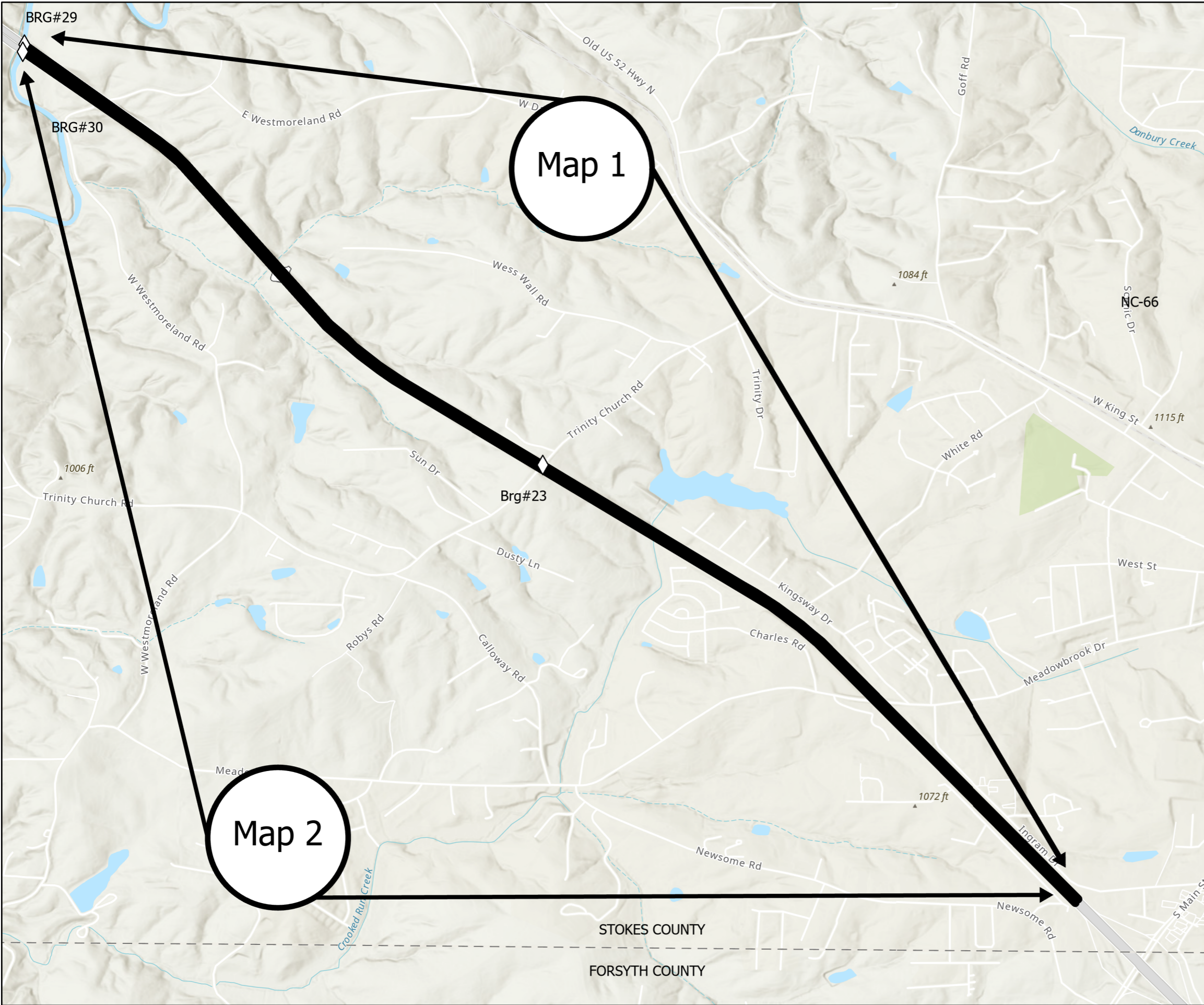


PROJECT REFERENCE NO.	SHEET NO.
2024CPT.09.35.10851 DI00342	1



Map 1 US-52E From pvt joint north of S Main St SR1112 to Brg#29 at the Little Yadkin





- Mill 5/8" fine mill from rumble strip to rumble strip
- Pave Ultra-Thin Wearing Course
- Mill 6" depth on emergency shoulder
- Pave 4" B25.0C
- Pave 2" S9.5C
- Mill Sinusodial Milled Rumble Strips outside of each lane.

Map 2 US-52S From Brg#30 at the Little Yadkin to pvt joint north of S Main St SR1611

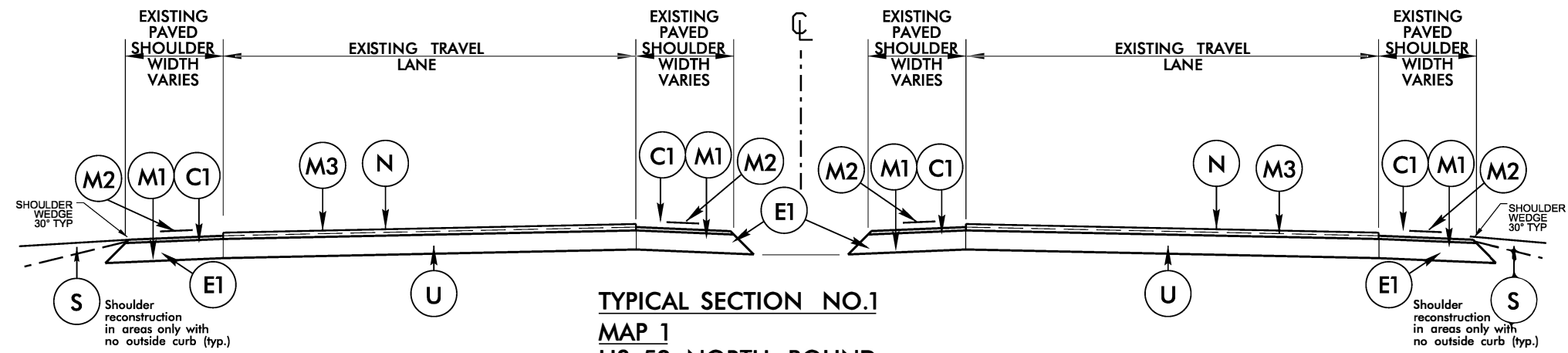
- Mill 5/8" fine mill from rumble strip to rumble strip
- Pave Ultra-Thin Wearing Course
- Mill 6" depth on emergency shoulder
- Pave 4" B25.0C
- Pave 2" S9.5C
- Mill Sinusodial Milled Rumble Strips outside of each lane

NOTE: Finish elevation of Ultra-Thin Wearing Course to be 5/8" above finish shoulder elevation

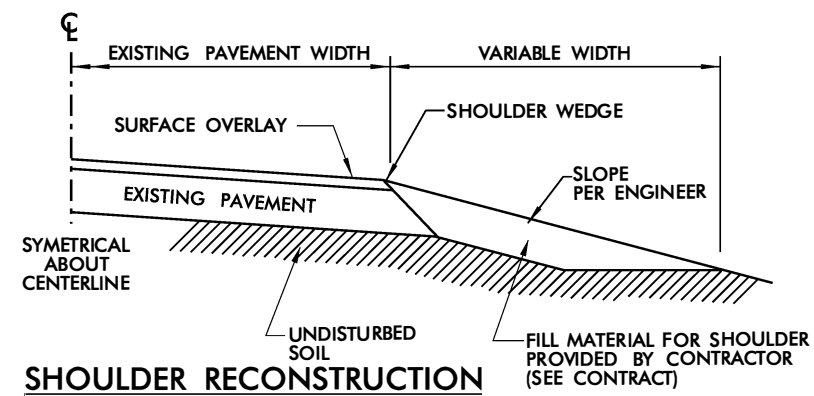
Legend

-  Forsyth Maps
-  Bridges
-  Forsyth Schools
-  Forsyth Private Schools



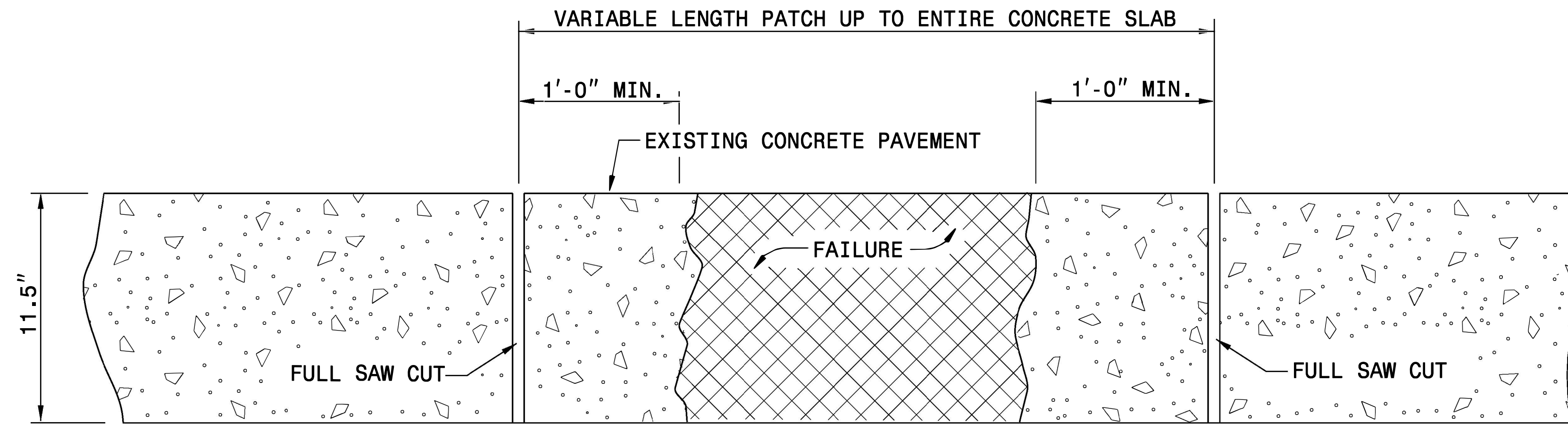


TYPICAL SECTION NO.1
MAP 1
US 52 NORTH BOUND
MAP 2
US 52 SOUTH BOUND

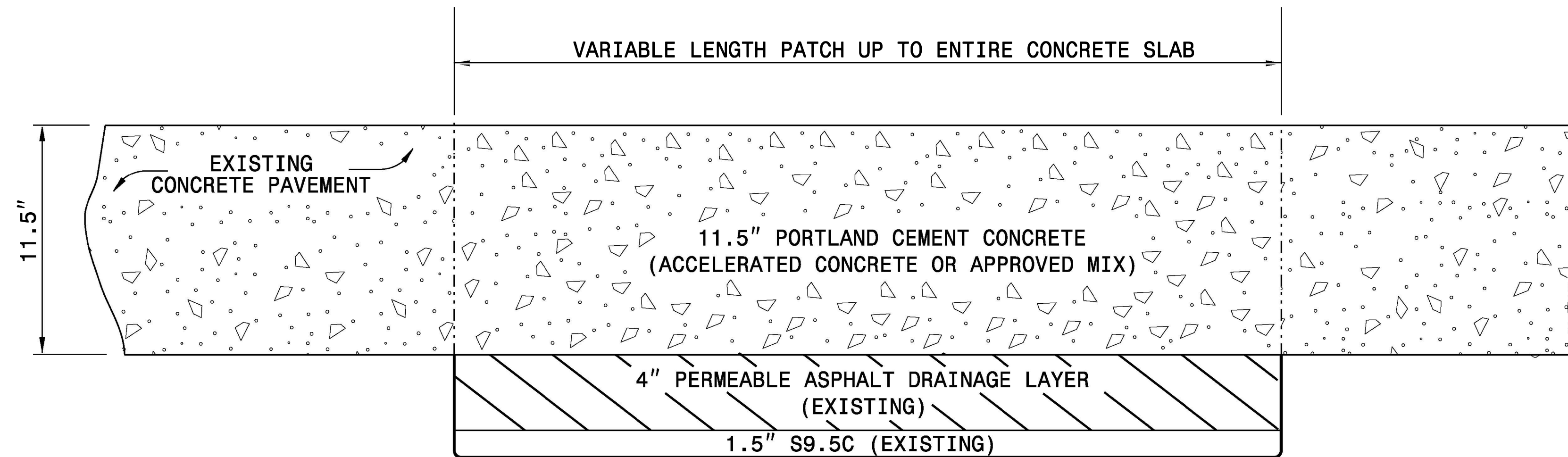


SHOULDER RECONSTRUCTION

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 224 LBS PER SQ YD.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, TO BE APPLIED AT AN AVERAGE RATE OF 513 LBS PER SQ YD.
M1	MILL ASPHALT PAVEMENT, 6" DEPTH
M2	MILLED SINUSOIDAL RUMBLE STRIP
M3	FINE MILLING
N	PROP. APPROX. 5/8" ULTRATHIN HOT MIX BONDED WEARING SURFACE COURSE, TYPE B, AT AN AVERAGE RATE OF 70 LBS. PER SQ. YD.
S	SHOULDER RECONSTRUCTION (SEE DETAIL)
U	EXISTING PAVEMENT



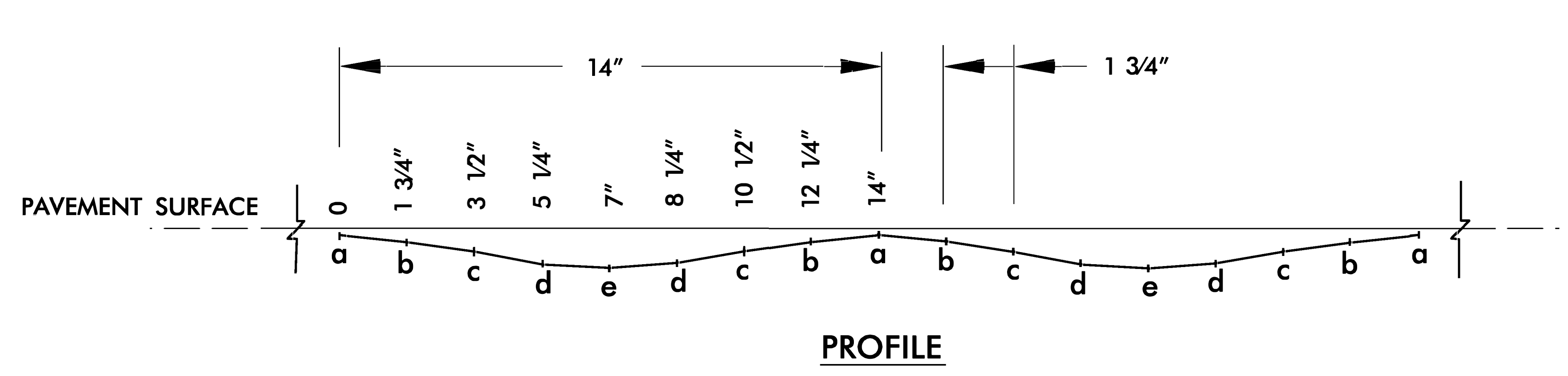
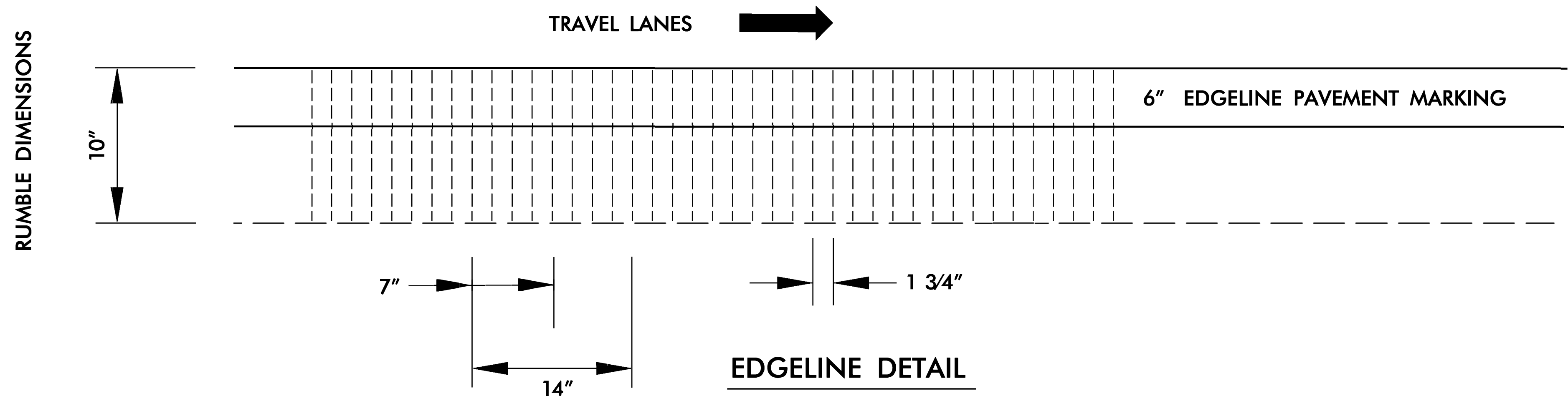
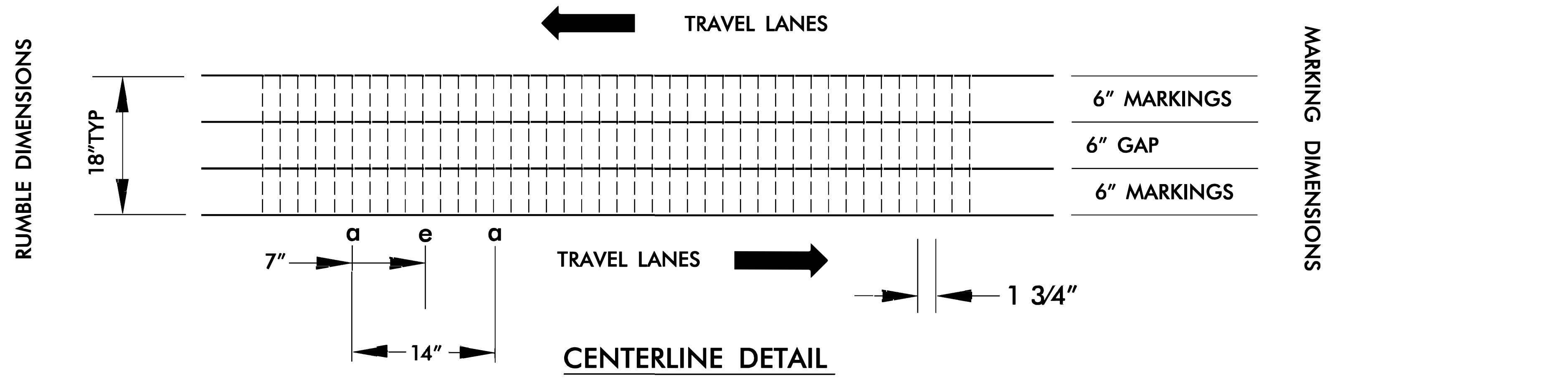
DETAIL OF SAW CUTS



DETAIL OF CONCRETE PAVEMENT REPAIR

- NOTES:
- 1) DIMENSIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED
 - 2) REHABILITATION OF CONCRETE SLAB SUBGRADE SHALL BE AS DIRECTED BY ENGINEER

SLAB REPAIR DETAIL FOR 11.5" PORTLAND CEMENT CONCRETE PAVEMENT	
ORIGINAL BY: _____	DATE: _____
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: _____	



LOCATION	DEPTH	
	MIL	INCHES
a	62.5	1/16"
b	125	1/8"
c	219	7/32"
d	344	1 1/32"
e	375	3/8"

SINUSOIDAL MILLED RUMBLE STRIPS DETAILS

NOTE: TYPICAL SECTIONS AND DETAILS ARE NOT DRAWN TO SCALE

23-OCT-2023 10:07
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 \$\$\$\$USERNAME\$\$\$\$

BRIDGE DATA

										PROJECT NO.	SHEET NO.
										2024CPT.09.35.10851	6
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	SR1102	TRINITY CHURCH RD	23	US-52	7"RC,2.5AWS	24	NA	15.66NB, 15.92SB	217	NA	MILL AND PAVE, MAINTAIN CLEARANCE
1	US-52NBL	US-52NBL	29	LITTLE YADKIN RIVER	8.75"RC/NO AWS	40.5	NA	NA	270	NA	DO NOT PAVE DO NOT MILL
2	US-52SBL	US-52SBL	30	LITTLE YADKIN RIVER	8.75"RD/NO AWS	40.5	NA	NA	270	NA	DO NOT PAVE DO NOT MILL

PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.09.35.10851	7	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	BEGIN MP	END MP	1099500000-E	1099700000-E	1115000000-E	1245000000-E	1260000000-E	1297000000-E	1491000000-E	1523000000-E	1575000000-E	1577000000-E	1839140000-E	1847000000-E	1881000000-E	1891000000-E	
														SHALLOW UNDERCUT	CLAS IV SUBGRADE STABILIZATION	GEOTEXTILE FOR PAVEMENT STABILIZATION	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 6"DEPTH	BASE COURSE, B25.0C	SURFACE COURSE, S9.5C	ASPHALT BINDER FOR PLANT MIX	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	ULTRA-THIN BONDED WEARING COURSE	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS)	GENERIC PAVING ITEM(SINUSODIAL MILLED RUMBLE STRIPS)	GENERIC PAVING ITEM (5/8" FINE MILLING)	
											MI	FT																
											CY	TONS	SY	SMI	TON	SY	TONS	TONS	TONS	TONS	TONS	TON	SY	LF	SY			
2024CPT.09.35.10851	Stokes	1	US-52 N	FROM PVT JOINT NORTH OF S MAIN ST SR 1112 TO BRG#29 AT THE LITTLE YADKIN		2	MD	NO	NO	3.735	26	0.3	4.035	50	50	50	7.47	1,442	22,500	5,394	2,633	398	114	2,193	350	39,442	56,971	
		"	"	FROM BRG#30 AT LITTLE YADKIN TO THE PVT JOINT N OF S MAIN ST SR1112		2	MD	NO	NO	3.76	26	2.54	6.3	50	50	50	7.52	1,451	22,500	5,430	2,651	401	115	2,208	250	39,442	57,353	
TOTAL FOR MAP NO. 1										7.495				100	100	100	14.99	2,893	45,000	10,824	5,284	799	229	4,401	600	78,884	114,324	
TOTAL FOR PROJ NO. 2024CPT.09.35.10851										7.495				100	100	100	14.99	2,893	45,000	10,824	5,284	799	229	4,401	600	78,884	114,324	
GRAND TOTAL										7.495				100	100	100	14.99	2,893	45,000	10,824	5,284	799	229	4,401	600	78,884	114,324	

Note: All quantities listed include turn lanes and are estimates; Payment will be based on actual field measurements and quantities recieved

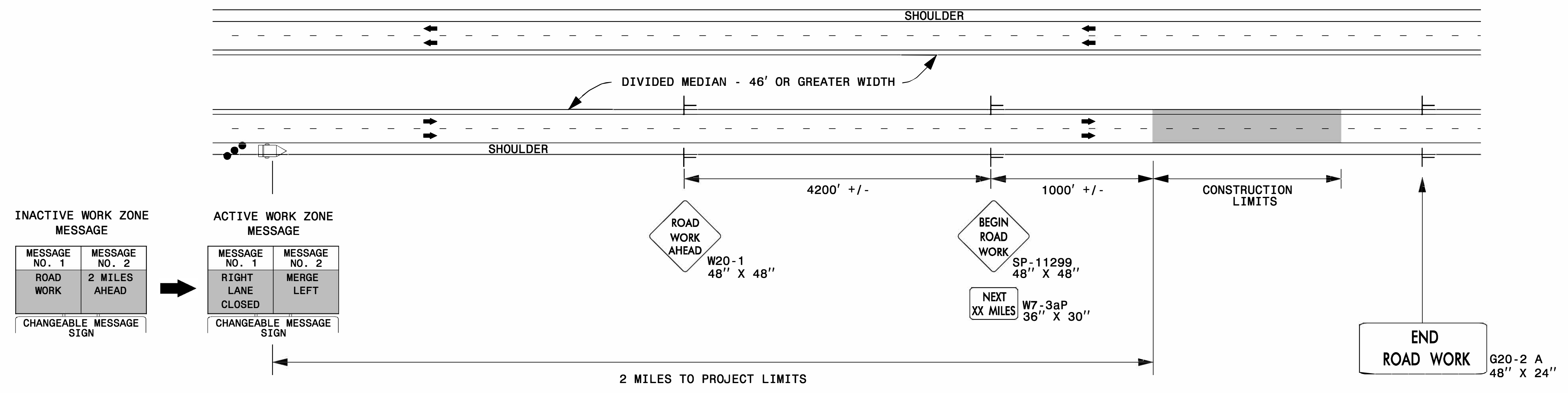
PROJECT NO.	SHEET NO.	TOTAL NO.
2024CPT.09.35.10851	8	

THERMOPLASTIC AND PAINT QUANTITIES

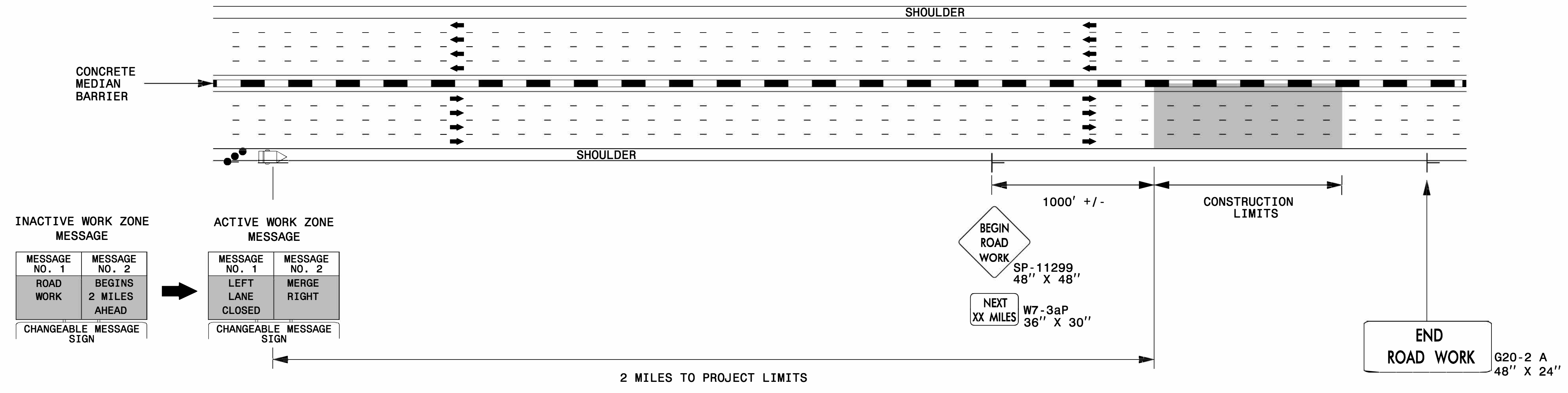
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4420000000-N	4457000000-N	4510000000-N	4810000000-E		4847040000-E	4905100000-N
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	PORTABLE CHANGEABLE MESSAGE SIGN	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" WHITE PAINT	4" YELLOW PAINT	POLYUREA PAVEMENT MARKING LINES (6", 30 MILS) (HIGHLY REFLECTIVE ELEMENTS)	NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER
												SF	EA	LS	HR	LF	LF	LF	EA
2024CPT.09.35.10851	Stokes	1	US-52 N	FROM PVT JOINT NORTH OF S MAIN ST SR 1112 TO BRG#29 AT THE LITTLE YADKIN		2	MD	3.735	26	0.3	4.035	1,008	3	1	300	23,750	19,000	42,750	247
		"	"	FROM BRG#30 AT LITTLE YADKIN TO THE PVT JOINT N OF S MAIN ST SR1112		2	MD	3.76	26	2.54	6.3	1,015	3	1	300	23,750	19,000	42,750	248
TOTAL FOR MAP NO. 1								7.495				2,023	6	1.000	600	47,500	38,000	85,500	495
TOTAL FOR PROJ NO. 2024CPT.09.35.10851								7.495				2,023	6	1.000	600	47,500	38,000	85,500	495
												85,500							
GRAND TOTAL								7.495				2,023	6	1.000	600	47,500	38,000	85,500	495
												85,500							

Note: All quantities listed include turn lane and are estimates; Payment will be based on actual field measurements and quantities recieved

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**

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