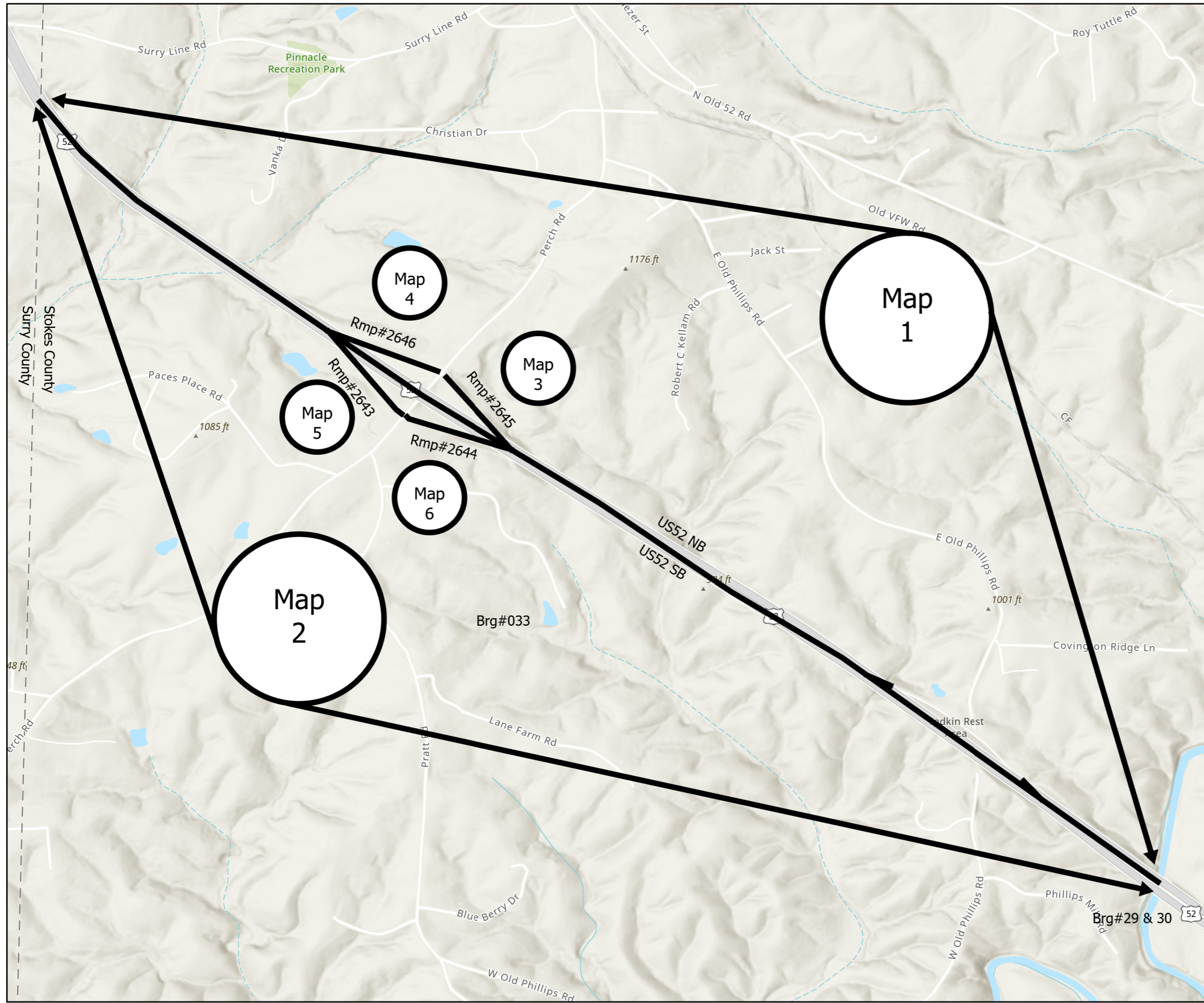


PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.16.10851	1



Map 1 US-52N From Brg#29 to Surry County line
 Mill 5/8" fine mill from rumble strip to rumble strip
 Pave Ultra-thin Wearing Course
 Mill 6" depth emergency shoulder
 Pave 4" B25.0C
 Pave 2" S9.5C
 Mill Sinusoidal Milled rumble strips outside each lane

Map 2 US-52S From Surry County line to Brg#30
 Mill 5/8" fine mill from rumble strip to rumble strip
 Pave Ultra-thin Wearing Course
 Mill 6" depth emergency shoulder
 Pave 4" B25.0C
 Pave 2" S9.5C

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

Legend

- forsyth2025
- NCDOTStructureLocations selection
- NonPublicSchools selection
- PublicSchool selection



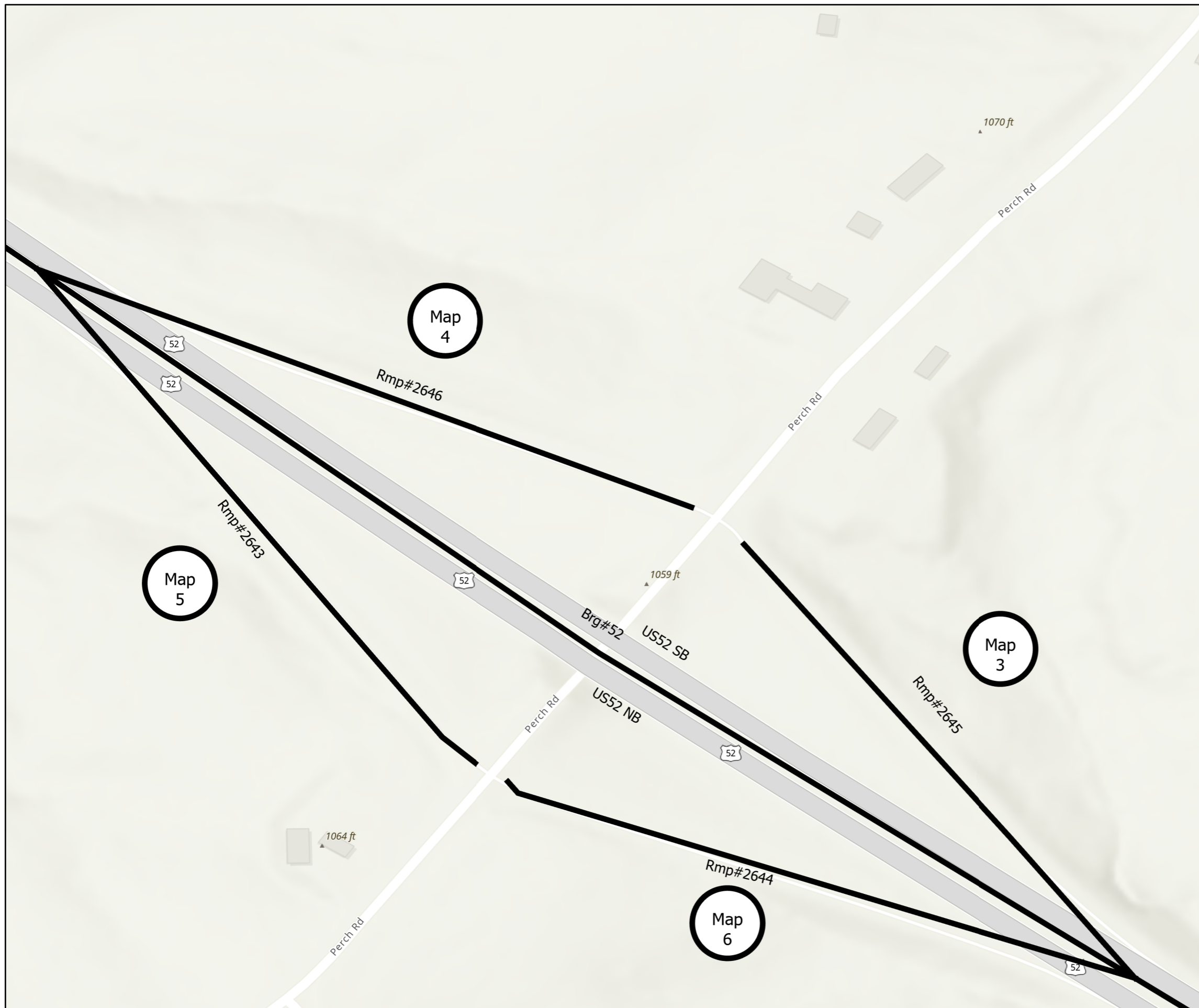
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.16.10851	2

Map 3 RMP#2645 US-52N Exit
 Mill 11/2" entire width
 Pave 11/2" S9.5C





Map 4 RMP#2646 US-52N Entrance
 Mill 11/2" entire width
 Pave 11/2" S9.5C

Map 5 RMP#2643 US-52S Exit
 Mill 11/2" entire width
 Pave 11/2" S9.5C

Map 6 RMP#2644 US-52S Entrance
 Mill 11/2" entire width
 Pave 11/2" S9.5C



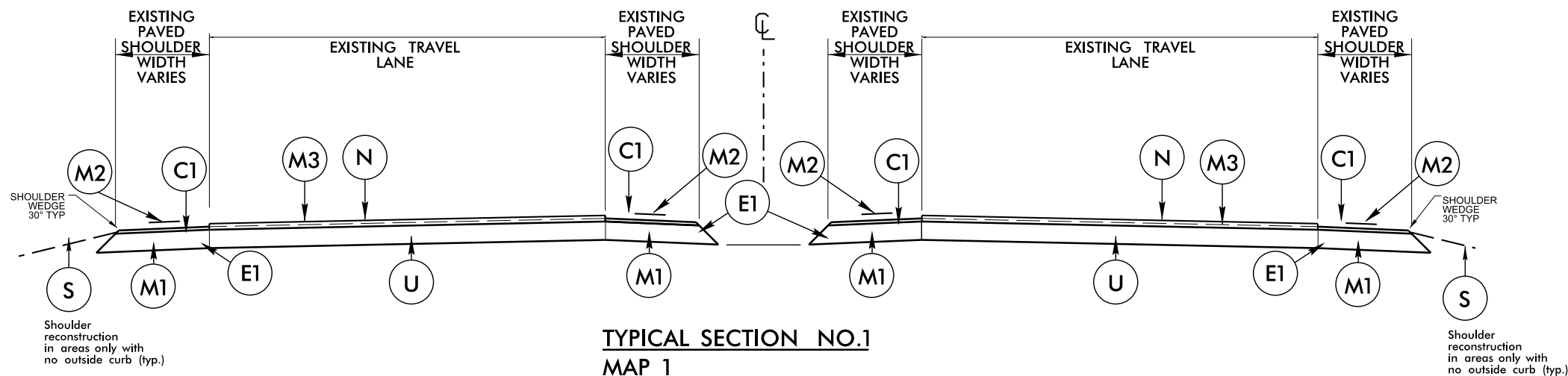
Legend

-  forsyth2025
-  NCDOTStructureLocations selection
-  NonPublicSchools selection
-  PublicSchool selection

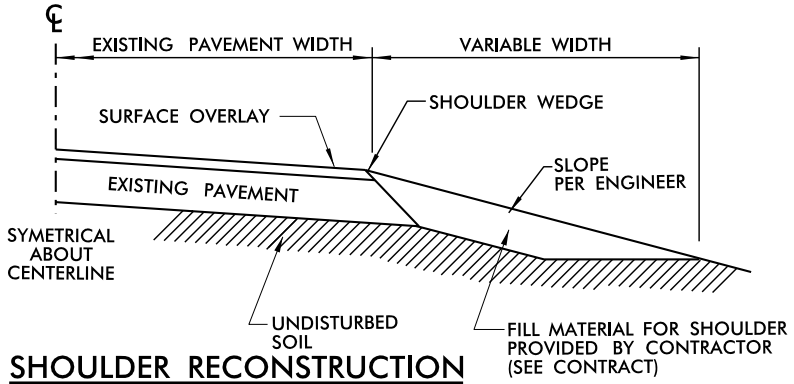


STOKES COUNTY

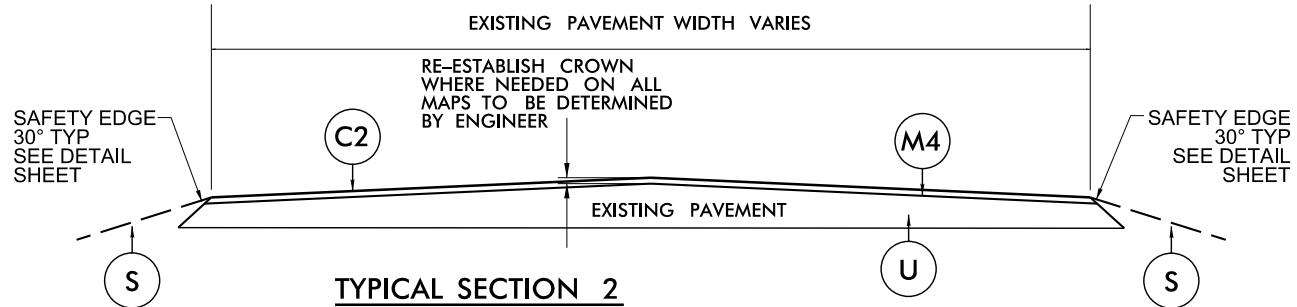
NORTH CAROLINA



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



SHOULDER RECONSTRUCTION



TYPICAL SECTION 2
MAP 3 RMP 2645
MAP 4 RMP 2646
MAP 5 RMP 2643
MAP 6 RMP 2644

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.
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, TO BE APPLIED AT AN AVERAGE RATE OF 168 LBS PER SQ YD.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, TO BE APPLIED AT AN AVERAGE RATE OF 456 LBS PER SQ YD.
M1	MILL ASPHALT PAVEMENT, 6" DEPTH
M2	MILLED SINUSOIDAL RUMBLE STRIP
M3	FINE MILLING
M4	MILL ASPHALT PAVEMENT, 1 1/2" DEPTH
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

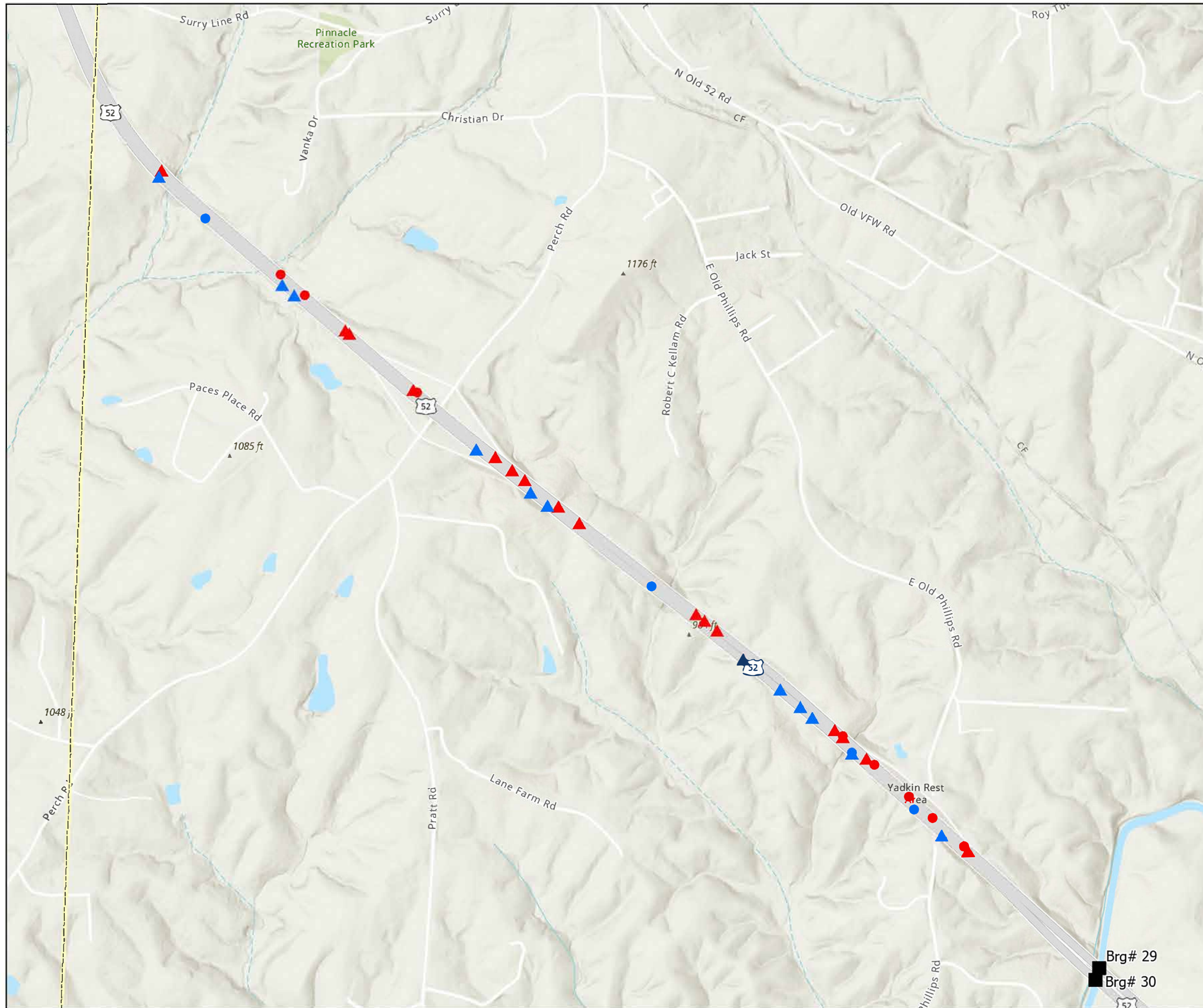
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.09.16.10851	4

**Slab Repair Locations
Surveyed June 2024**

Actual quantity of slab repair will be as directed by the Engineer.

Summary of Repairs:
 NBL Left Ln 10 Locations, 264 SY
 NBL Right Ln 17 Locations, 474 SY

SBL Left Ln 4 Locations, 96 SY
 SBL Right Ln 14 Locations 470 SY



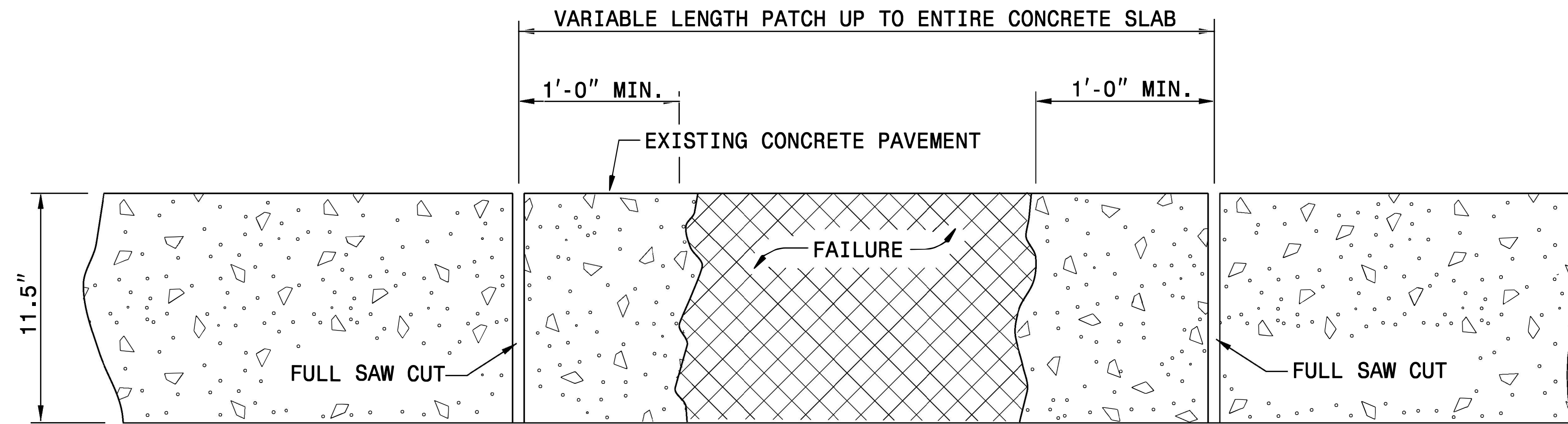
Legend

Slab Repairs

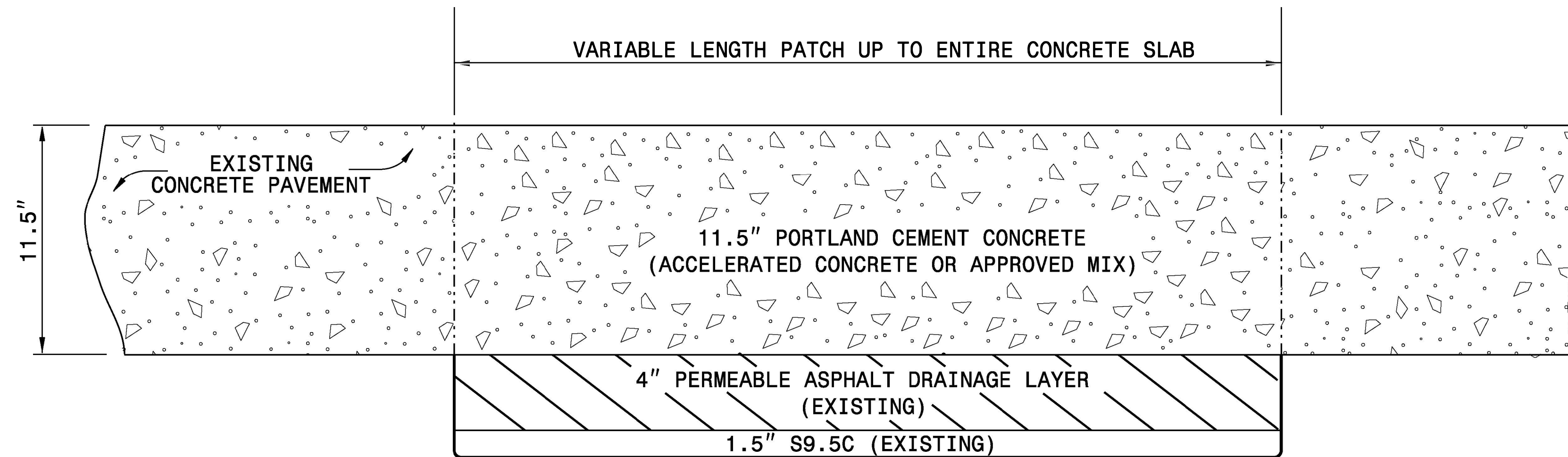
- Northbound Left Lane
- ▲ Northbound Right Lane
- Southbound Left Lane
- ▲ Southbound Right Lane
- Bridges



STOKES COUNTY
 NORTH CAROLINA



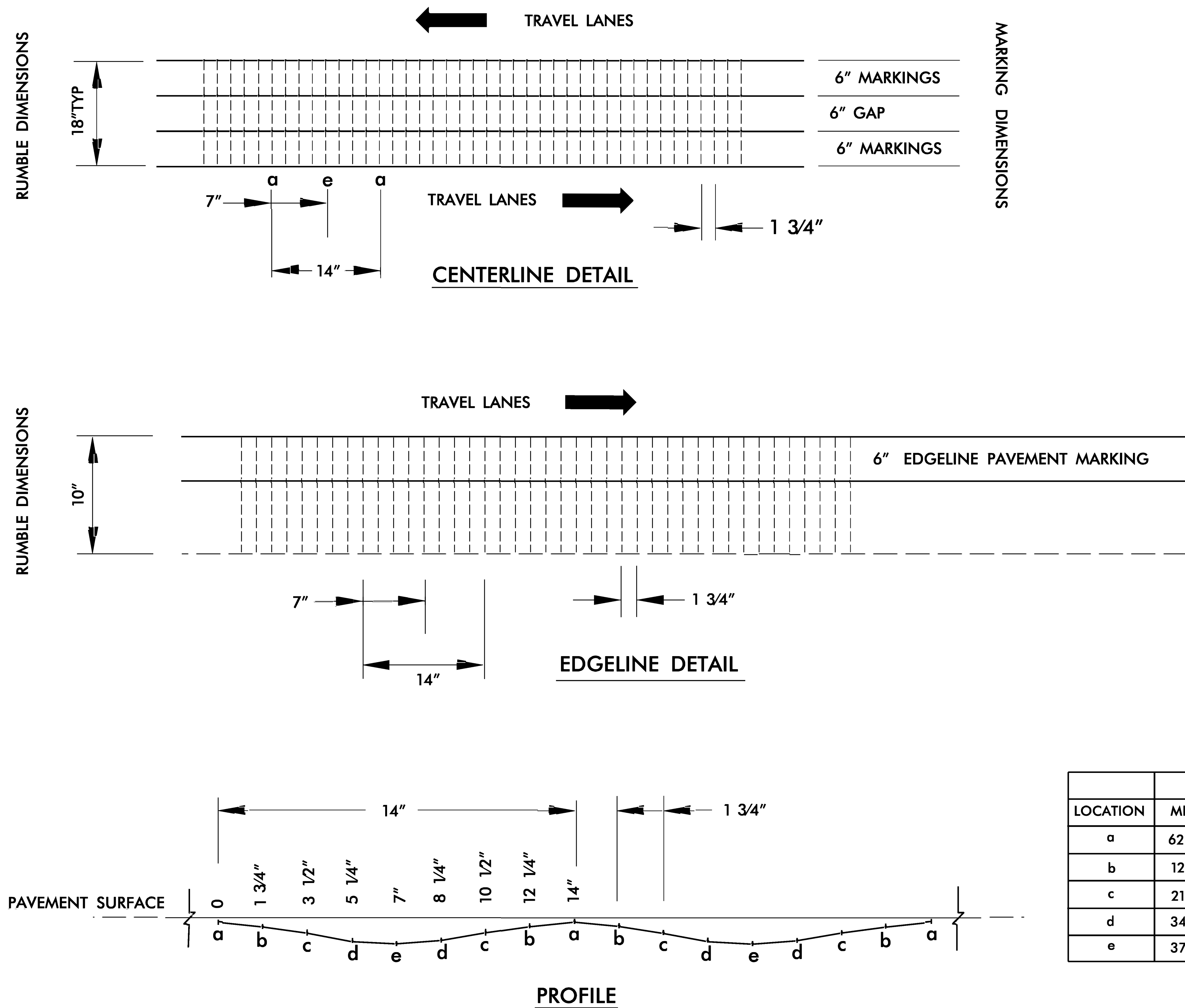
DETAIL OF SAW CUTS



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	1/32"
e	375	3/8"

SINUSOIDAL MILLED RUMBLE STRIPS DETAILS

NOTE: TYPICAL SECTIONS AND DETAILS ARE NOT DRAWN TO SCALE

23-OCT-2023 11:07
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BRIDGE DATA

										PROJECT NO.	SHEET NO.
										2025CPT.09.16.10851	7
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	SR1147	PERCH RD	52	US-52	7 3/4" RC SLAB	28	NA	15.00NB, 15.25SB	212	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.
2025CPT.09.16.10851	8	

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	1112000000-E	1245000000-E	1260000000-E	1297000000-E	1491000000-E	1523000000-E	1575000000-E	1577000000-E	1839140000-E	1735000000-E	1881000000-E	1891000000-E	4846000000-E												
														SHALLOW UNDERCUT	CLASS IV SUBGRADE STABILIZATION	GEOTEXTILE FOR SUBGRADE STABILIZATION	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 6"DEPTH	MILLING ASPHALT PAVEMENT, 1 1/2"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	REPAIR OF JOINTED CONCRETE PAVEMENT SLABS	GENERIC PAVING ITEM(SINUSOIDAL MILLED RUMBLE STRIPS)	GENERIC PAVING ITEM (5/8" FINE MILLING)	POLYUREA PAVEMENT MARKING LINES (12" - 30 MILS) (HIGHLY REFLECTIVE ELEMENTS)	POLYUREA PAVEMENT MARKING LINES (12" - 30 MILS) (HIGHLY REFLECTIVE ELEMENTS)										
														MI	FT																									
														CY	TON	SY	SMI	TON	SY	SY	TONS	TONS	TONS	TONS	TON	SY	LF	SY	LF	LF										
2025CPT.09.16.10851	Stokes	1	US-52 N	FROM BRG#29 TO PVT JOINT AT SURRY COUNTY LINE	1	2	MD	NO	NO	2.54	26	4.04	6.58	50	50	50	5.08	980	15,610	3,937	1,965	293	83	1,600	737	28,100	40,589	31,848	1,790											
TOTAL FOR MAP NO. 1														50	50	50	5.08	980	15,610	3,937	1,965	293	83	1,600	737	28,100	40,589	31,848	1,790											
2025CPT.09.16.10851	Stokes	2	US-52 S	FROM SURRY COUNTY LINE TO BRG#29 AT THE LITTLE YADKIN	1	2	MD	NO	NO	2.54	26	0	2.54	50	50	50	5.08	980	15,610	3,937	1,965	293	84	1,614	565	28,100	15,610	31,848	1,790											
TOTAL FOR MAP NO. 2														50	50	50	5.08	980	15,610	3,937	1,965	293	84	1,614	565	28,100	15,610	31,848	1,790											
2025CPT.09.16.10851	Stokes	3	RMP-2645 OI	USS2 NB EXIT RAMP	1	2	MD	NO	NO	0.202	26	0	0.202				0.40	78		3,081	286	17																		
TOTAL FOR MAP NO. 3																	0.40	78		3,081	286	17																		
2025CPT.09.16.10851	Stokes	4	RMP-2646 OI	USS2 NB ENTRANCE RAMP	1	2	MD	NO	NO	0.209	29	0	0.209				0.42	81		3,556	330	19																		
TOTAL FOR MAP NO. 4																	0.42	81		3,556	330	19																		
2025CPT.09.16.10851	Stokes	5	RMP-2643 OI	USS2 SB EXIT RAMP	1	2	MD	NO	NO	0.194	26	0	0.194				0.39	75		2,959	282	17																		
TOTAL FOR MAP NO. 5																	0.39	75		2,959	282	17																		
2025CPT.09.16.10851	Stokes	6	RMP-2644 OI	USS2 SB ENTRANCE RAMP	1	2	MD	NO	NO	0.21	26	0	0.21				0.42	81		3,203	306	18																		
TOTAL FOR MAP NO. 6																	0.42	81		3,203	306	18																		
TOTAL FOR PROJ NO. 2025CPT.09.16.10851										5,895				100	100	100	11.79	2,275	31,220	12,799	7,874	5,134	657	167	3,214	1,302	56,200	56,199	71,696	3,580										
GRAND TOTAL														5,895				100	100	100	11.79	2,275	31,220	12,799	7,874	5,134	657	167	3,214	1,302	56,200	56,199	71,696	3,580						
																							44,019																	

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

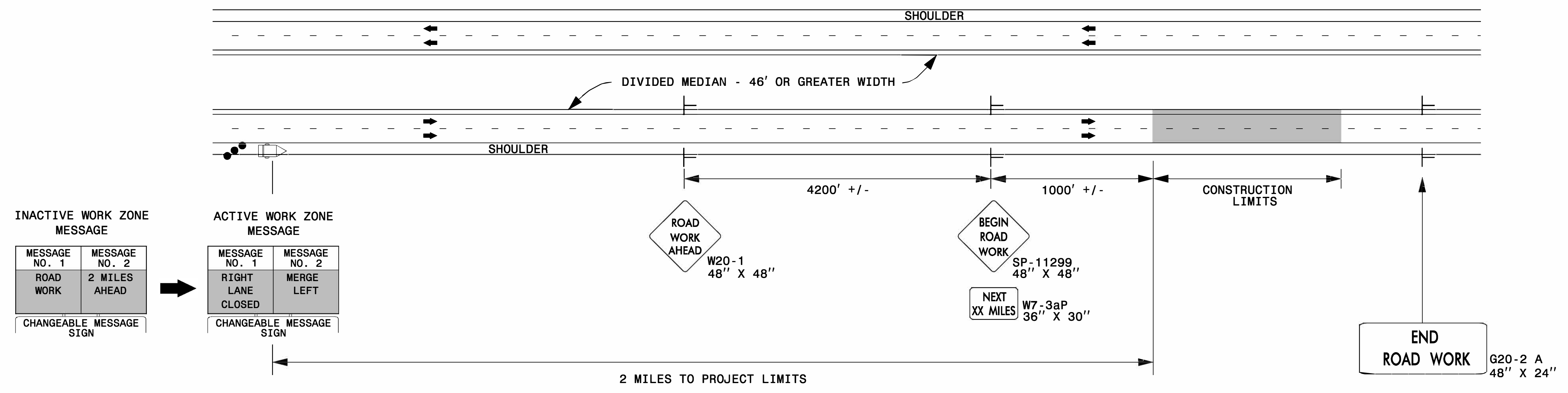
PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.09.16.10851	9	

THERMOPLASTIC AND PAINT QUANTITIES

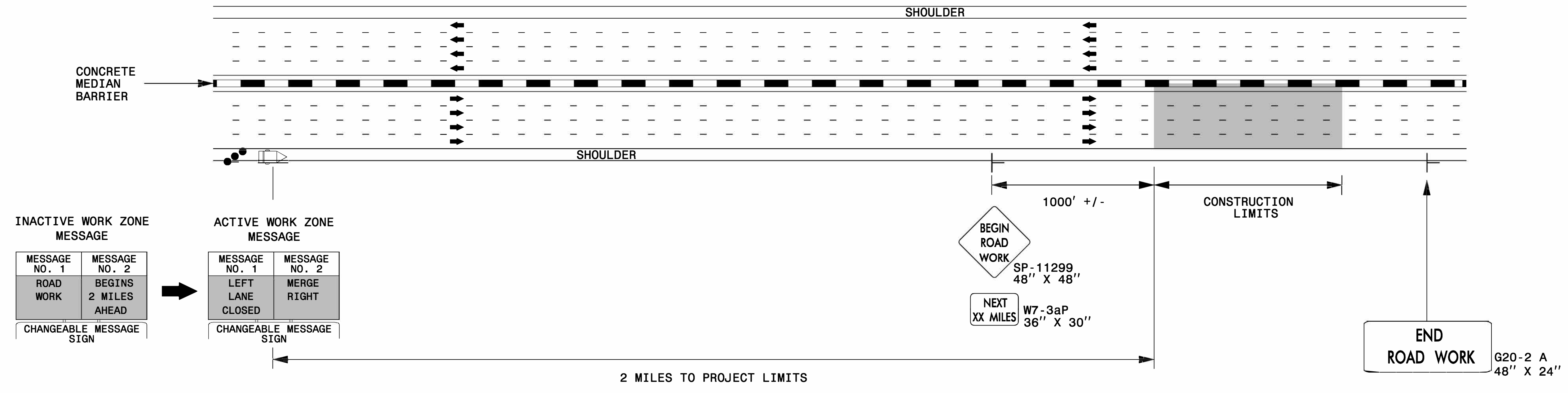
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4413000000-E	4420000000-N	4457000000-N	4510000000-N	4725000000-E				4810000000-E			4820000000-E	4895000000-N	
												WORK ZONE ADVANCE/GENERAL WARNING SIGNING	PORTABLE CHANGEABLE MESSAGE SIGN	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	THERMO MERGE ARROW 90 M	THERMO WRONG-WAY RAMP ARROW (90 MILS)	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	4" WHITE PAINT	4" YELLOW PAINT	8" WHITE PAINT	POLYCARBONATE H-SHAPE MARKERS		
												SF	EA	LS	HR	EA	EA	EA	EA	LF	LF	LF	EA		
2025CPT.09.16.10851	Stokes	1	US-52 N	FROM BRG#29 TO PVT JOINT AT SURRY COUNTY LINE	1	2	MD	2.54	26	4.04	6.58	1,008	3	1	300	6				17,798	14,050	1,790	200		
TOTAL FOR MAP NO. 1								2.54				1,008	3	1	300	6				17,798	14,050	1,790	200		
2025CPT.09.16.10851	Stokes	2	US-52 S	FROM SURRY COUNTY LINE TO BRG#29 AT THE LITTLE YADKIN	1	2	MD	2.54	26	0	2.54	1,008	3	1	300	2				17,798		1,790	200		
TOTAL FOR MAP NO. 2								2.54				1,008	3	1	300	2				17,798		1,790	200		
2025CPT.09.16.10851	Stokes	3	RMP-2645 OI	US52 NB EXIT RAMP	1	2	MD	0.202	26	0	0.202	200			30		1	1	1				20		
TOTAL FOR MAP NO. 3								0.202				200			30		1	1	1					20	
2025CPT.09.16.10851	Stokes	4	RMP-2646 OI	US52 NB ENTRANCE RAMP	1	2	MD	0.209	29	0	0.209	200			30										
TOTAL FOR MAP NO. 4								0.209				200			30										
2025CPT.09.16.10851	Stokes	5	RMP-2643 OI	US52 SB EXIT RAMP	1	2	MD	0.194	26	0	0.194	200			30		1	1	1				20		
TOTAL FOR MAP NO. 5								0.194				200			30		1	1	1					20	
2025CPT.09.16.10851	Stokes	6	RMP-2644 OI	US52 SB ENTRANCE RAMP	1	2	MD	0.21	26	0	0.21	200			30										
TOTAL FOR MAP NO. 6								0.21				200			30										
TOTAL FOR PROJ NO. 2025CPT.09.16.10851								5.895				2,816	6	1,000	720	8	2	2	2	2		35,596	14,050	3,580	440
GRAND TOTAL								5.895				2,816	6	1,000	720	8	2	2	2		35,596	14,050	3,580	440	

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

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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