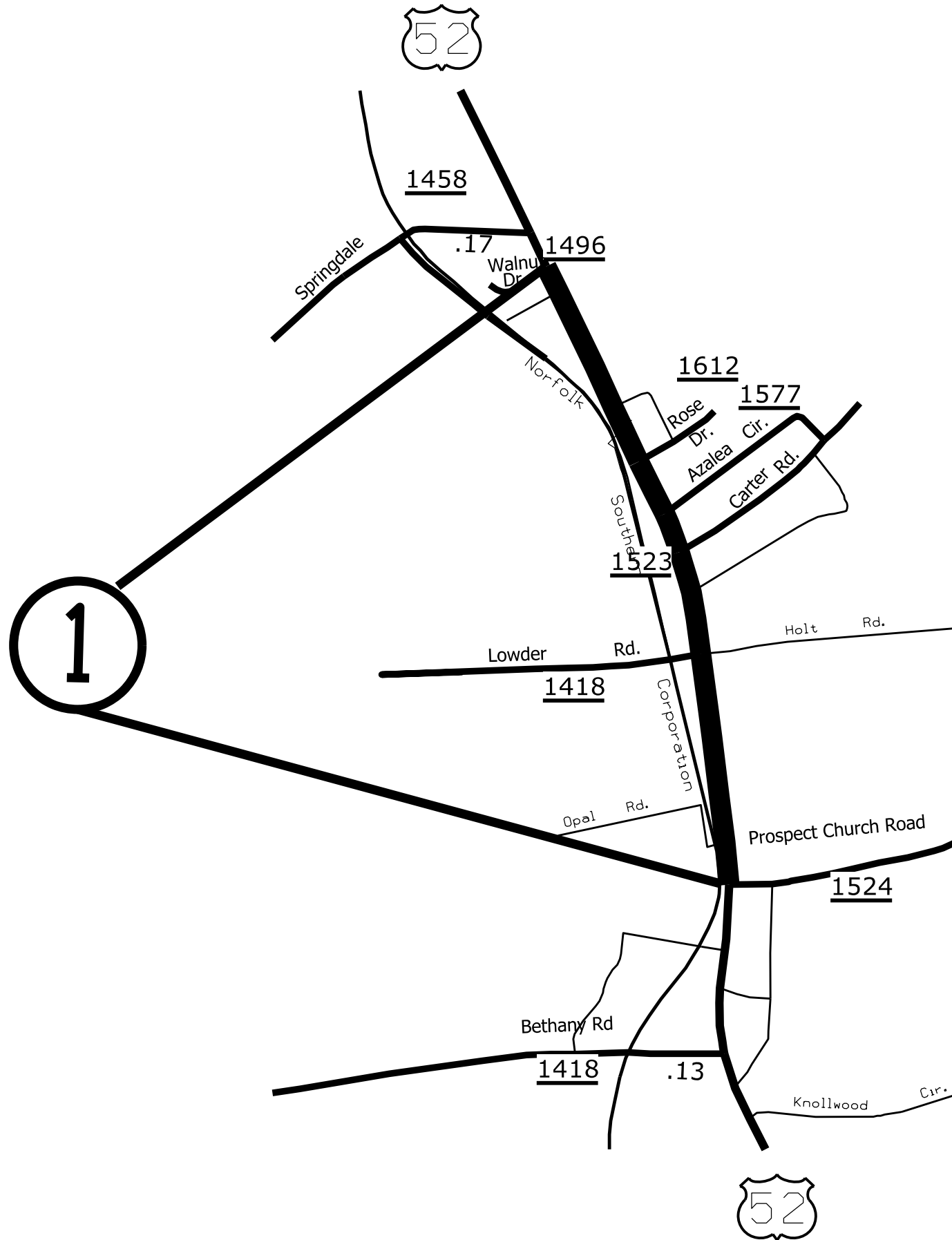
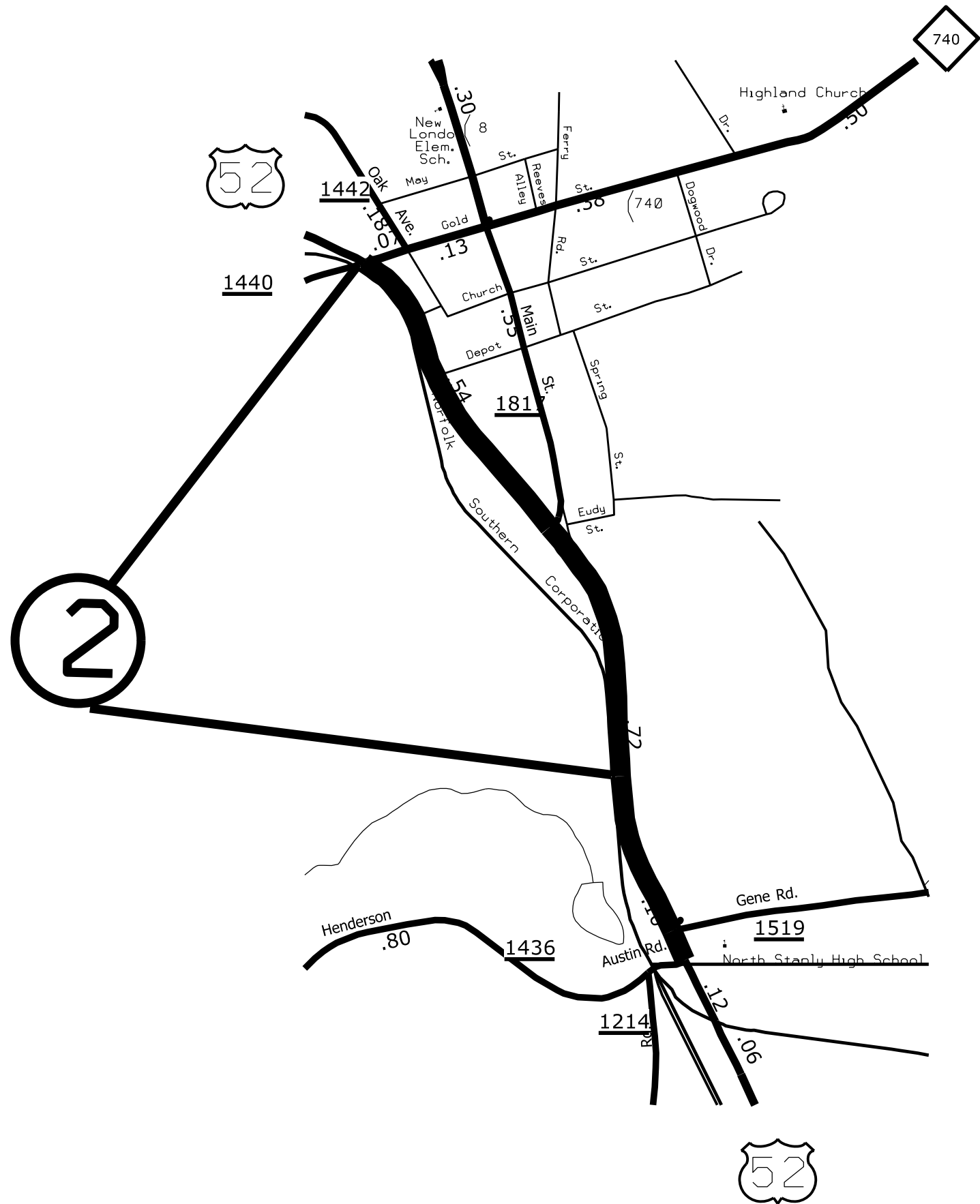


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	1	14
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP # 1
US 52 0.88 Miles
FROM SR 1524 PROSPECT CHURCH ROAD (MP 17.17)
TO SR 1496 WALNUT DRIVE (MP 18.05)



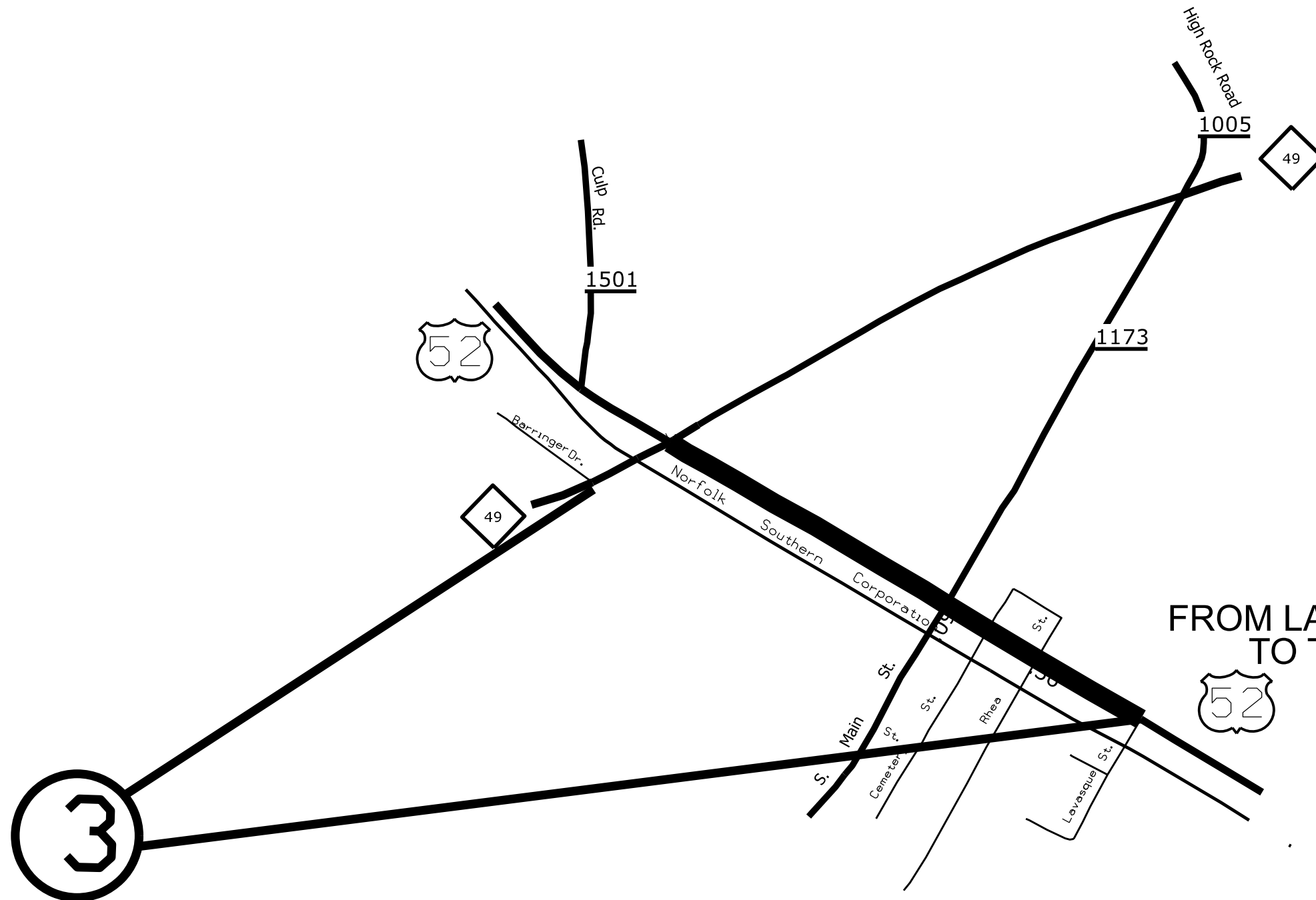
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	2	14
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP # 2
US 52 1.57 Miles
0.20 MILES BEFORE SR 1214 AUSTIN ROAD(MP 18.9)
TO NC 740(MP 20.47)

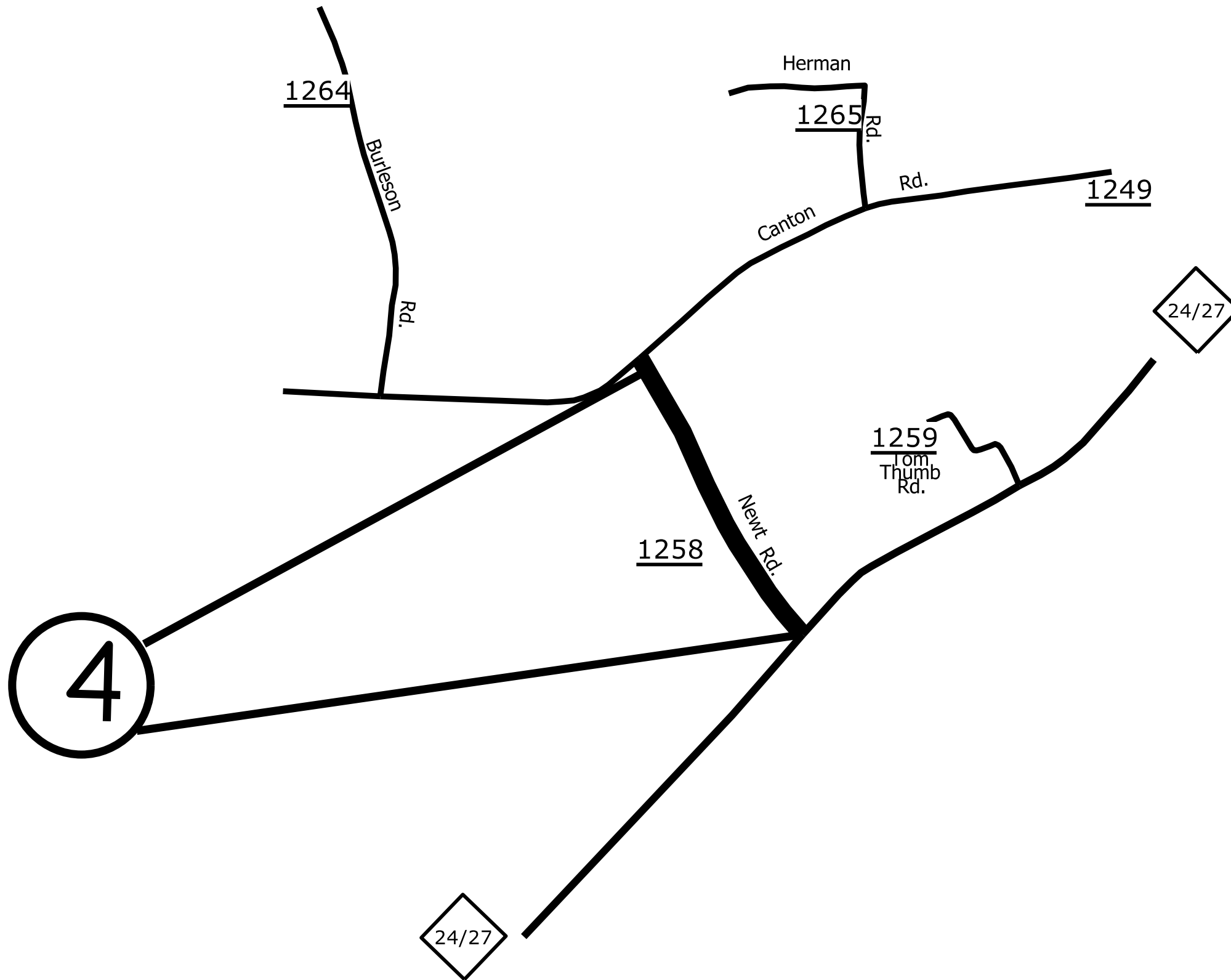
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	3	14
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP # 3
US 52 0.90 MILES
FROM LAVASQUE STREET (END OF CURB) (MP 22.75)
TO THE PVMT JOINT PAST NC 49 (MP 23.65)

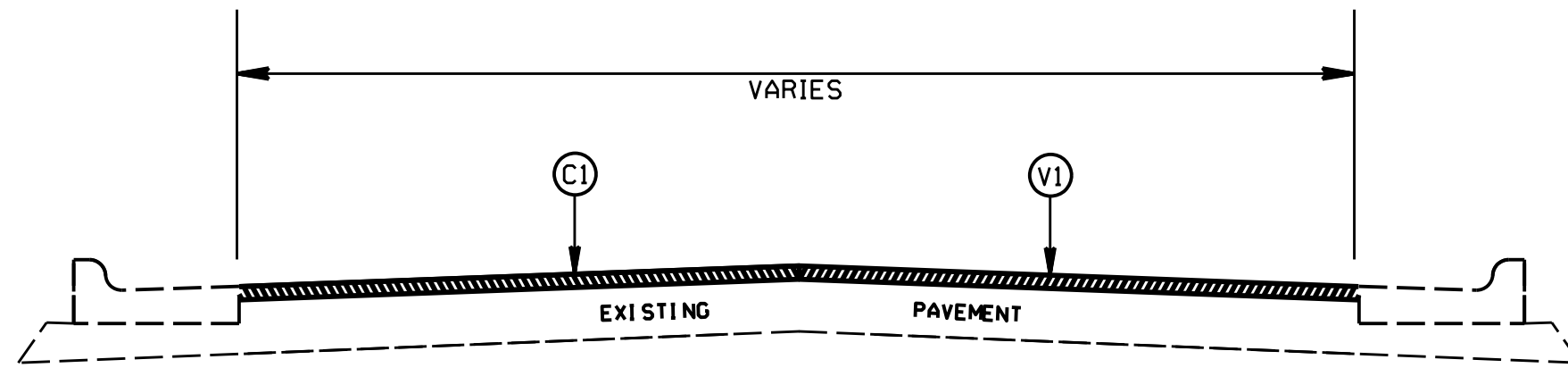
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	4	14
F.A. PROJECT NO.			



ENLARGED MUNICIPAL AND SUBURBAN AREAS
STANLY COUNTY
 NORTH CAROLINA
PREPARED BY THE
 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS - DIVISION 10 DISTRICT 1

MAP # 4
SR 1258 NEWT ROAD
FROM NC 24/27 (MP 0.02)
TO SR 1249 CANTON ROAD (MP 0.41)

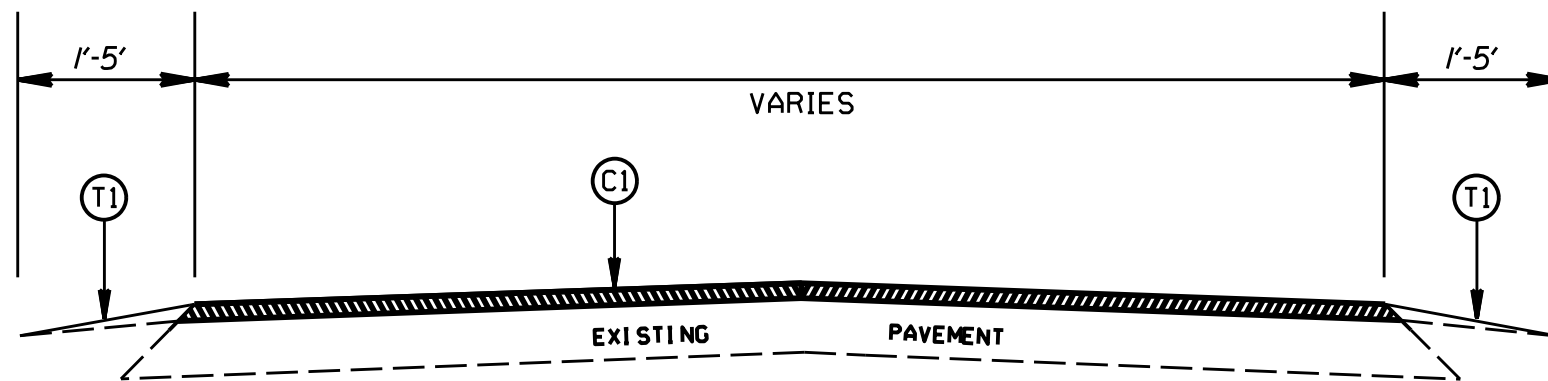
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	5	14
F.A. PROJECT NO.			



TYPICAL SECTION NO. 1

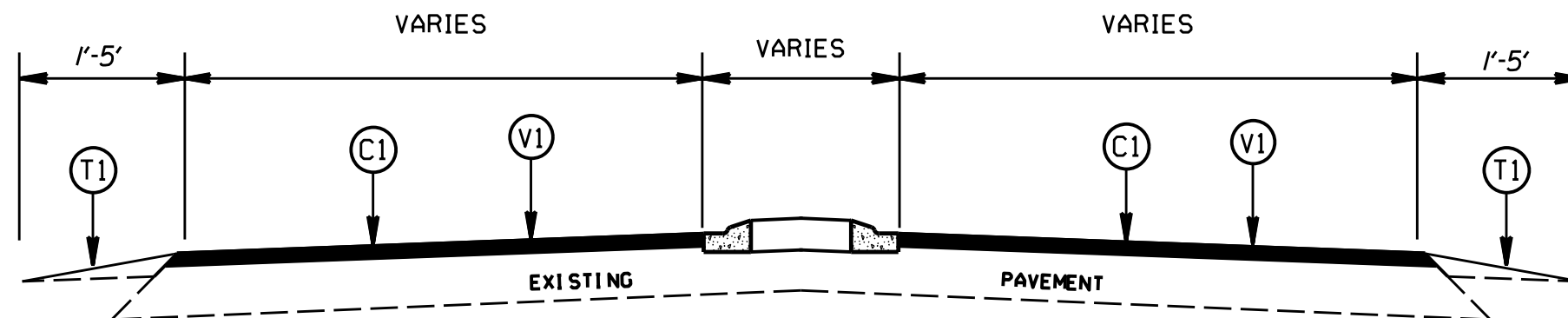
MAP 1 - US 52
MAP 2 - US 52
MAP 3 - US 52

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.50" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YDS.
T1	SHOULDER RECONSTRUCTION
V1	MILLING OF EXISTING PAVEMENT, 1.50"
V2	PROFILE MILLING OF EXISTING PAVEMENT, 0" TO 1.50"



TYPICAL SECTION NO. 2

MAP 4 - SR 1258 NEWT ROAD




TYPICAL SECTION NO. 3

MAP 3 - US 52 (Y LINE) NC 49
MAP 4 - SR 1258 NEWT ROAD

NOTES:

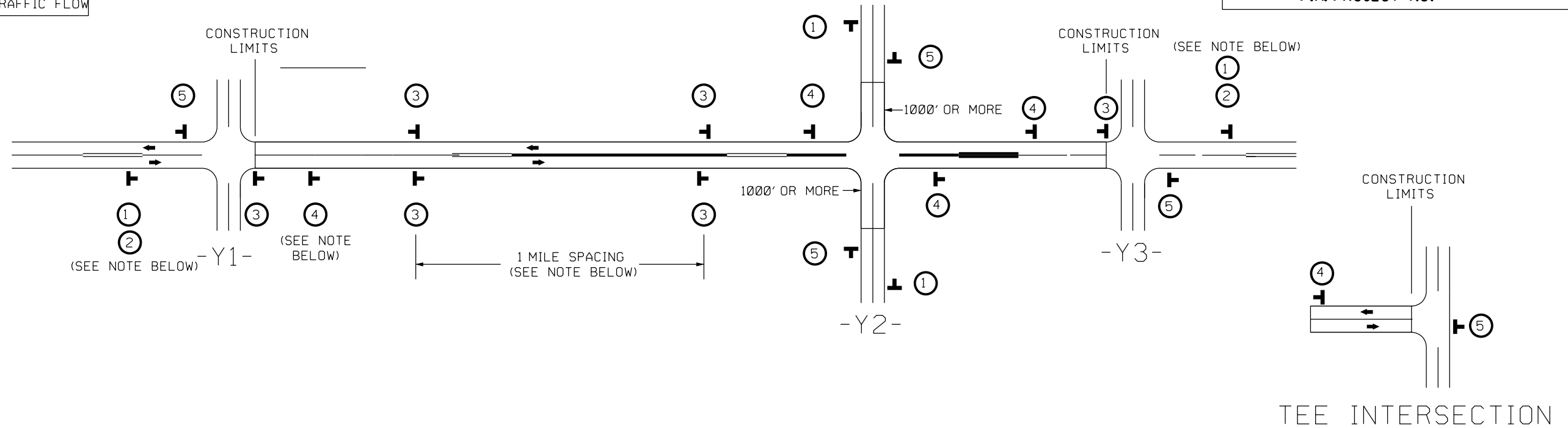
1. LEVELING COURSE TO BE PLACED AS DIRECTED BY THE ENGINEER

STANLY COUNTY RESURFACING 2025			REVISIONS
SCALE	-NA-		
DATE	2/18		
DWG. BY	JAB		
DESIGN BY	JAB		
APPROVED	JAB		

SIGNING FOR RESURFACING PROJECTS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	6	14
F.A. PROJECT NO.			

LEGEND	
	STATIONARY SIGN
	DIRECTION OF TRAFFIC FLOW



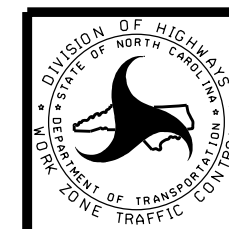
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.		
	2	 W7-3aP 24" X 18"	*2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)			
	3	 SP 13107 48" X 48"	- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.			
	4	 SP 13106 48" X 48"	- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.		 W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER.	 W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	5	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.			

MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNING SIGNS.

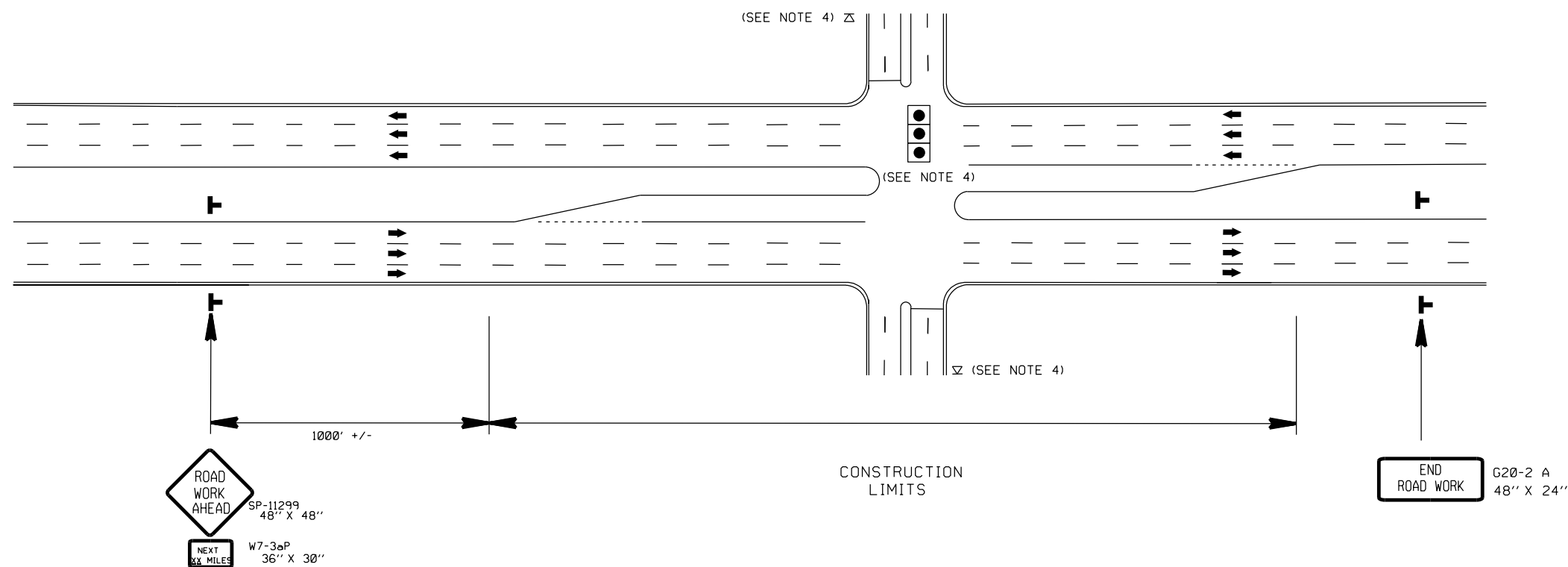


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

LEGEND	
⊥	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

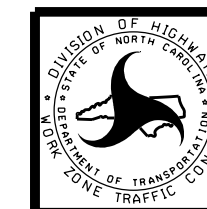
URBAN / SUBURBAN WORKZONES

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	7	14
F.A. PROJECT NO.			



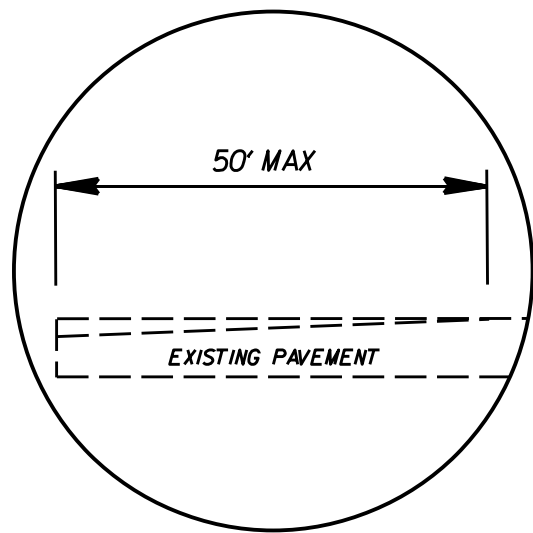
NOTES:

- 1) 48" X 48" SIZED SIGNS (SP-11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS
- 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) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) 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 WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OR WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

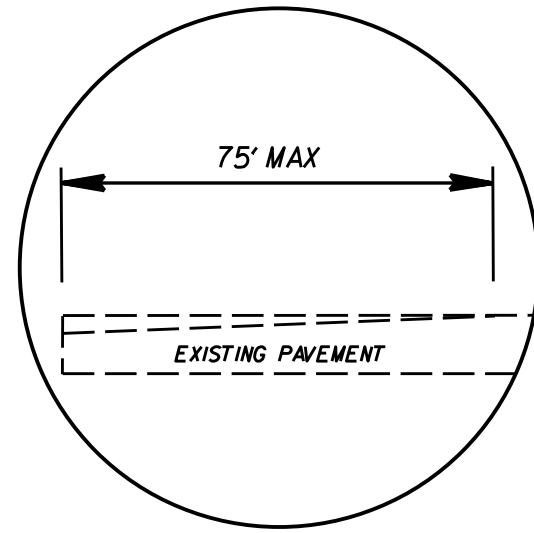


RESURFACING
ADVANCE WARNING SIGNS
FOR URBAN / SUBURBAN
FACILITIES

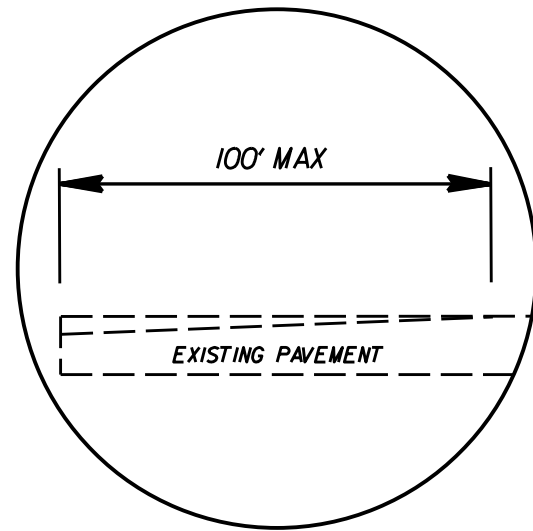
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	8	14
F.A. PROJECT NO.			



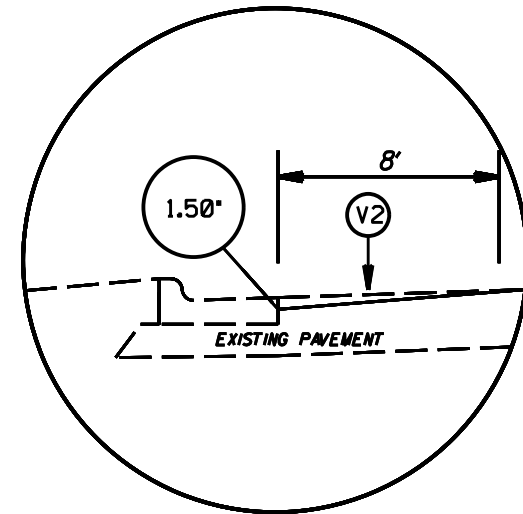
DETAIL FOR INCIDENTAL MILLING (0° TO 1.0°)
TIE-IN



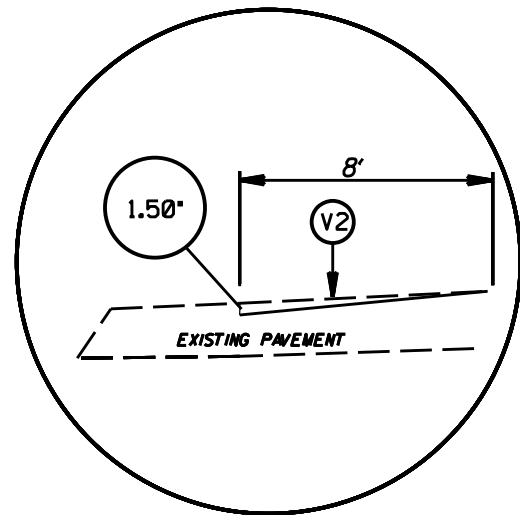
DETAIL FOR INCIDENTAL MILLING (0° TO 1.5°)
TIE-IN



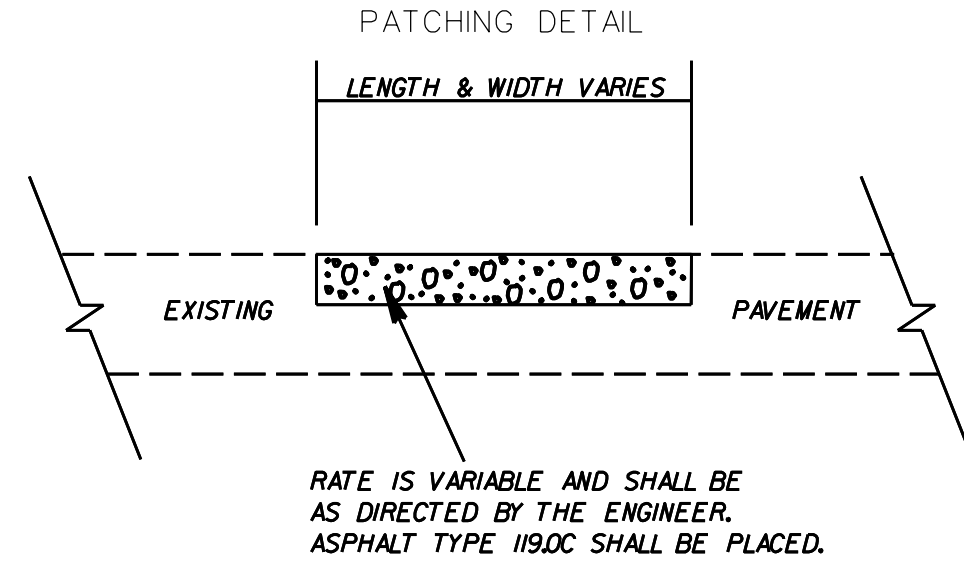
DETAIL FOR INCIDENTAL MILLING (0° TO 2.0°)
TIE-IN



DETAIL FOR PROFILE MILLING (0° TO 1.50°)



DETAIL FOR PROFILE MILLING (0° TO 1.50°)



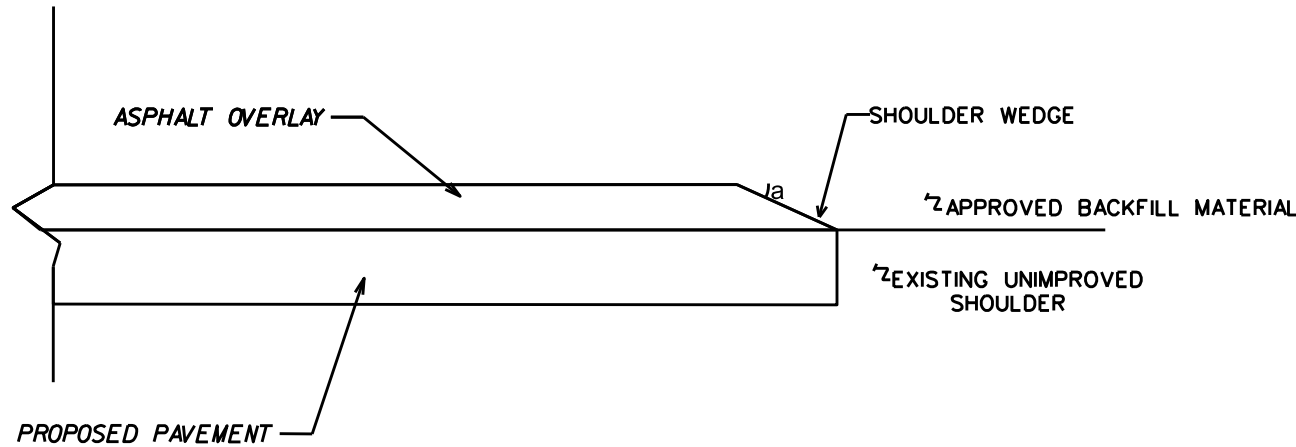
PATCHING, LEVELING, MILLING, PROFILE MILLING DETAILS		
SCALE	-NA-	REVISIONS
DATE	10/21	
DWG. BY	JWH	
DESIGN BY	JWH	
APPROVED	JWH	



NOTES:

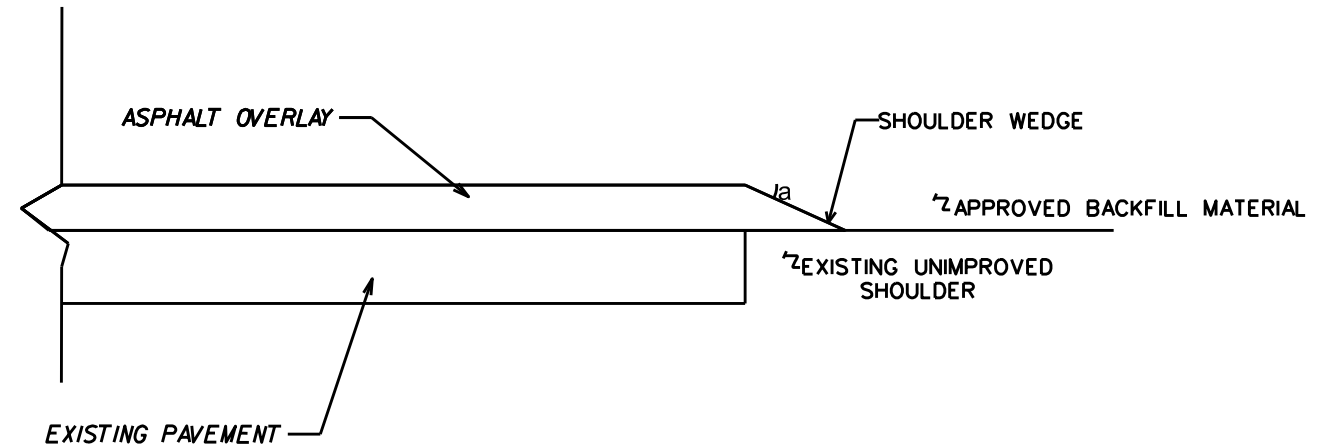
- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	9	14
F.A. PROJECT NO.			



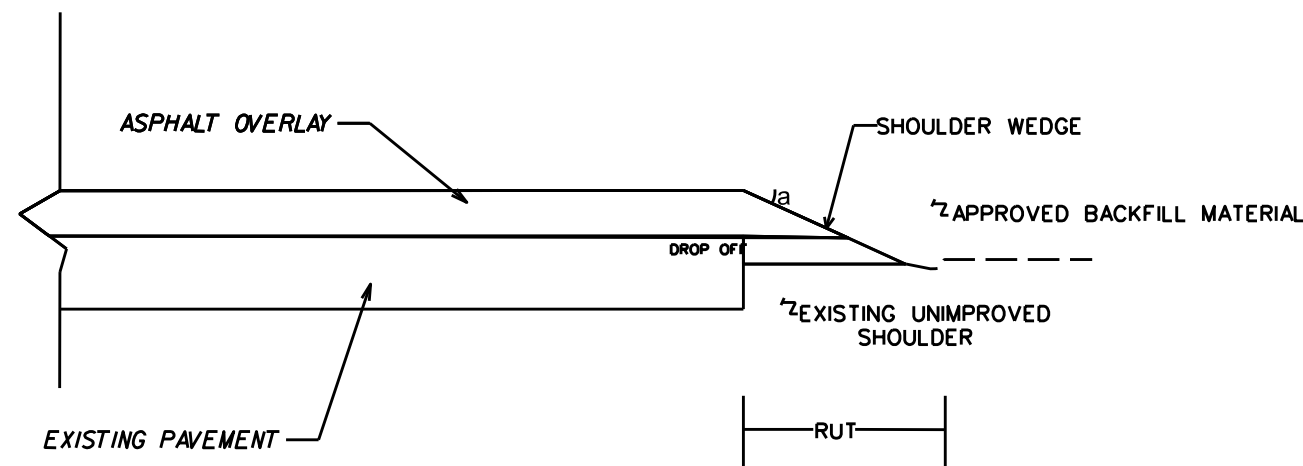
SHOULDER WEDGE DETAIL

(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)

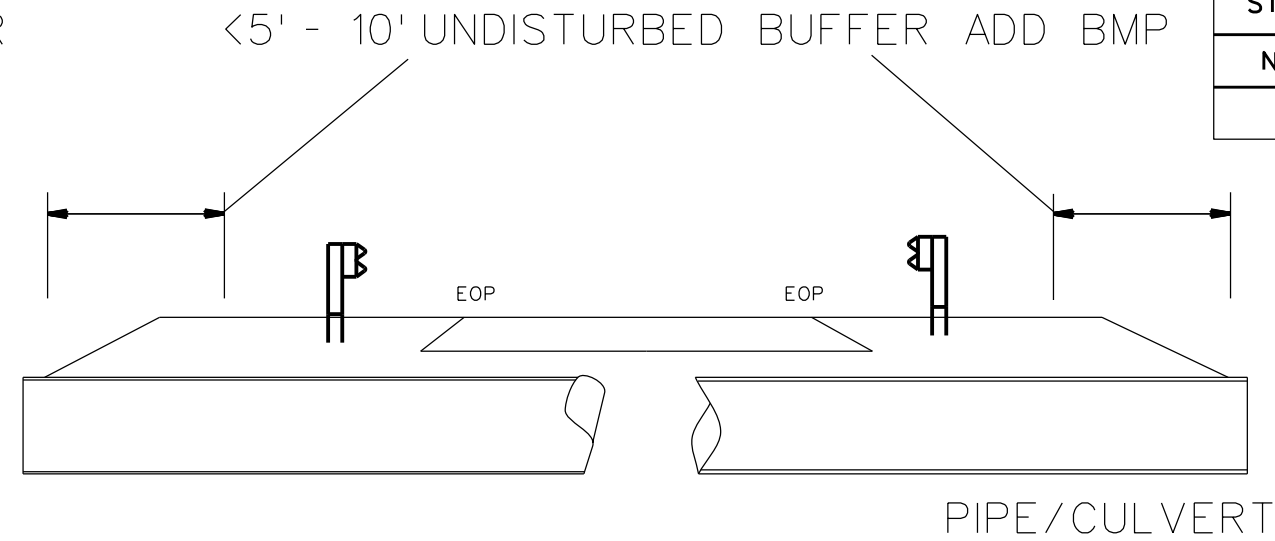
a = 30 DEGREES

SHOULDER WEDGE DETAILS		
SCALE	NA	
DATE	2/18	
DWG. BY	JAB	
DESIGN BY	JAB	
APPROVED	JAB	REVISIONS

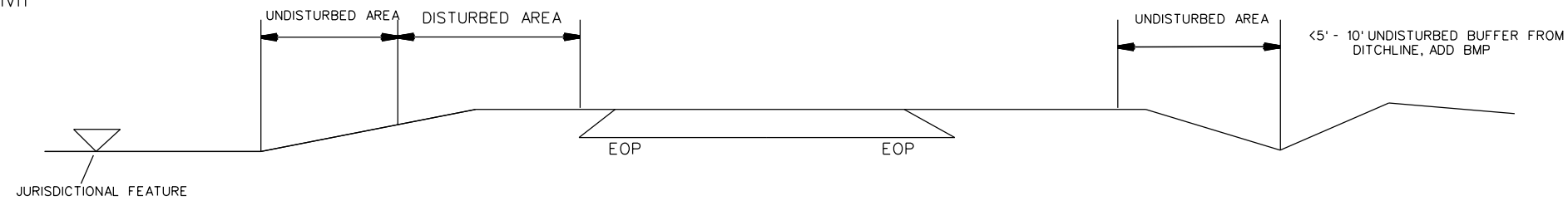
NOTES: LESS THAN 5' - 10' UNDISTURBED BUFFER FROM ROW, DITCHLINE, WATER FEATURE, OR DRAINAGE INLET, ADD BMP.

BMP OPTIONS: WATTLE OR SILT FENCE

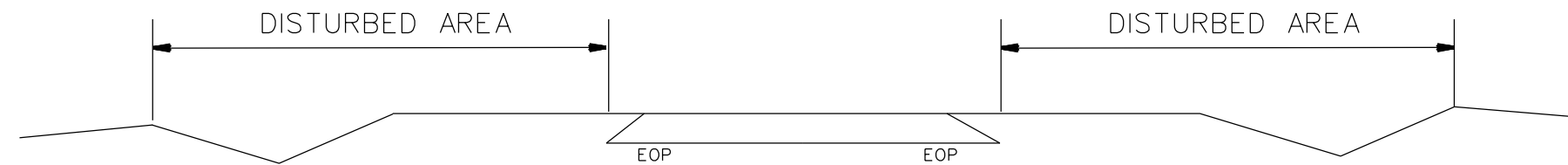
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	10	14
F.A. PROJECT NO.			



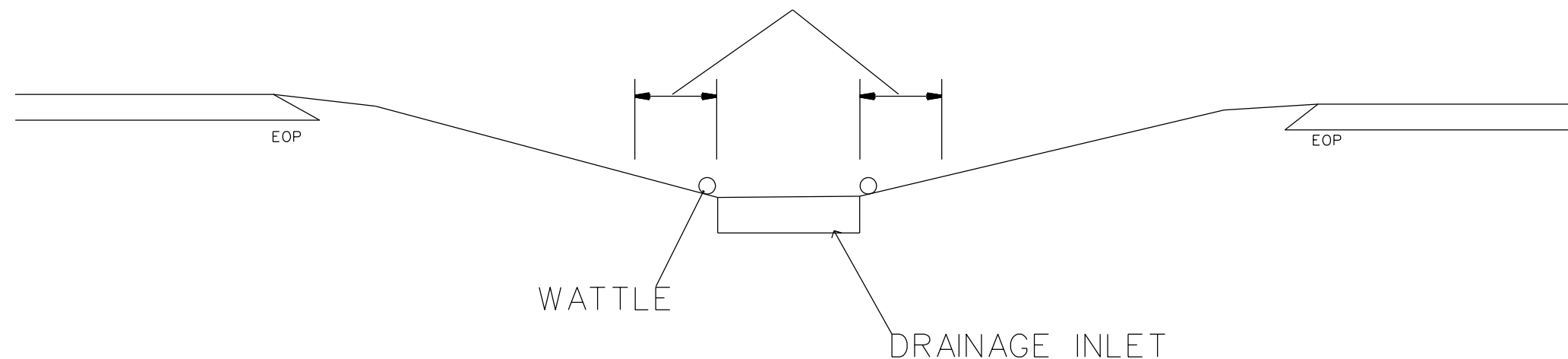
<5' - 10' UNDISTURBED BUFFER FROM JURISDICTIONAL FEATURE ADD BMP



USE BMP'S IF SHOULDERS AND/OR FRONTSLOPES AND/OR DITCHLINE AND/OR BACKSLOPES ARE DISTURBED



<5' - 10' UNDISTURBED BUFFER FROM INLET, ADD WATTLE



EROSION CONTROL DETAIL

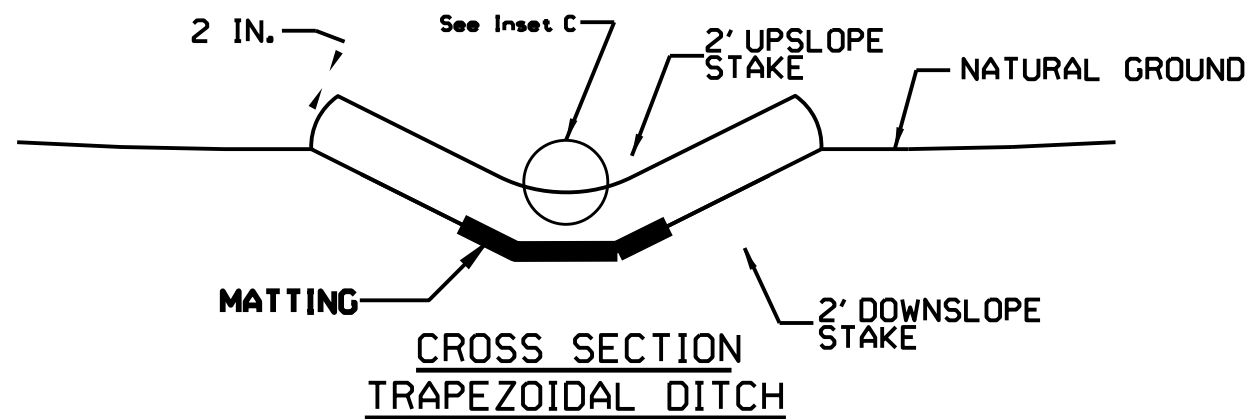
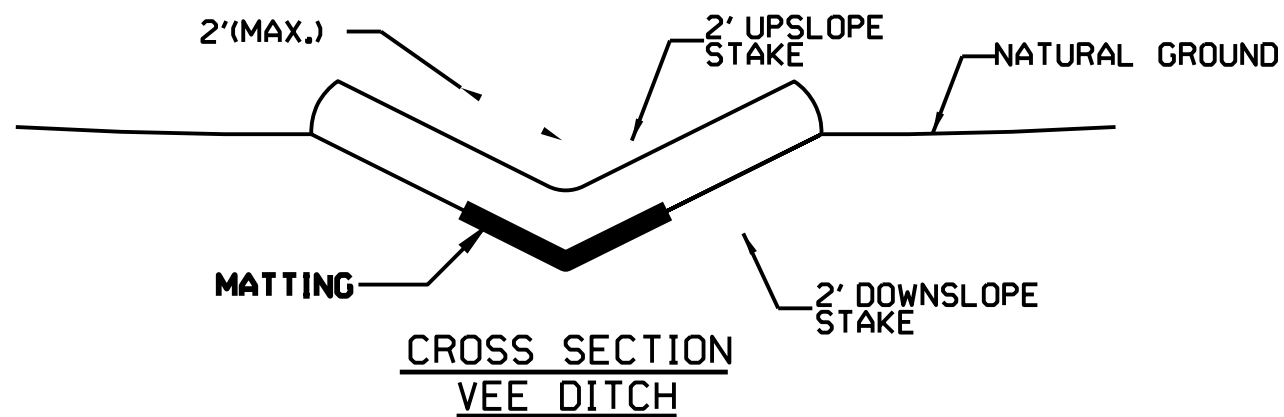
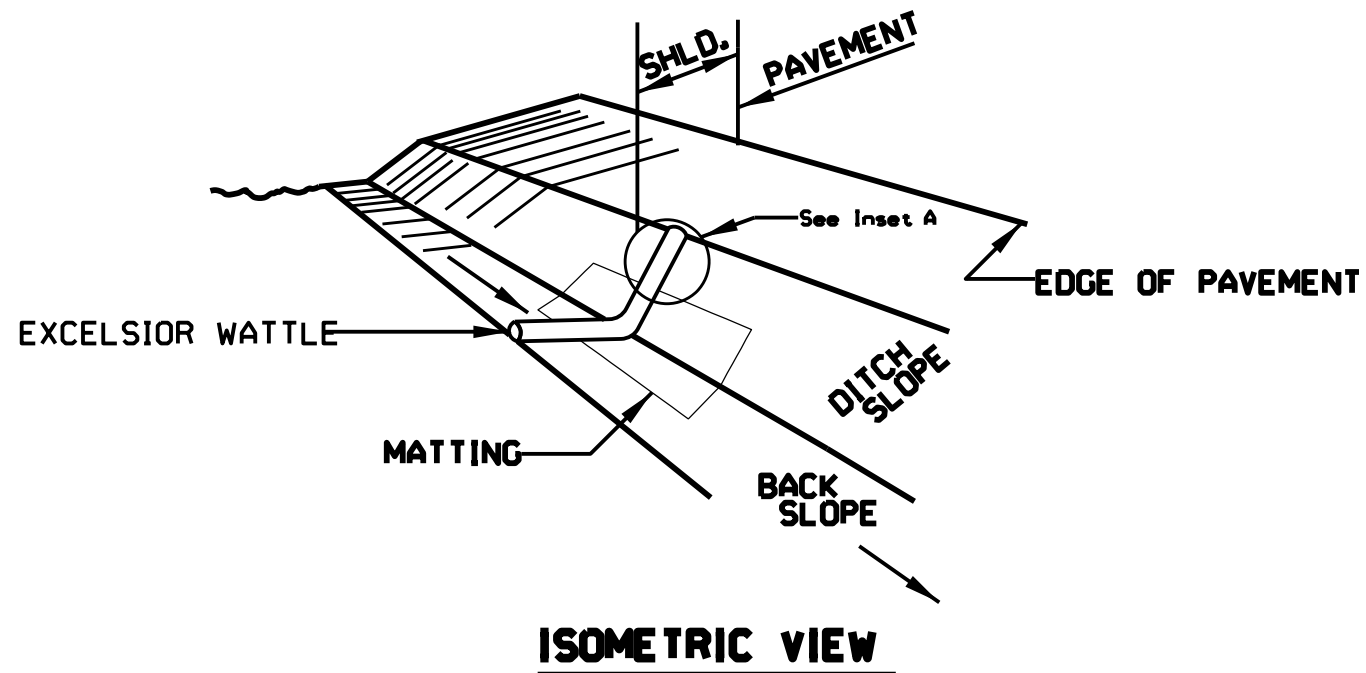
SCALE	-NA-
DATE	2/18
DWG. BY	JAB
DESIGN BY	JAB
APPROVED	JAB



REVISIONS	

WATTLE WITH POLYACRYLAMIDE DETAIL

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	2025CPT.10.24.10841 2025CPT.10.24.20841	11	14
F.A. PROJECT NO.			



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

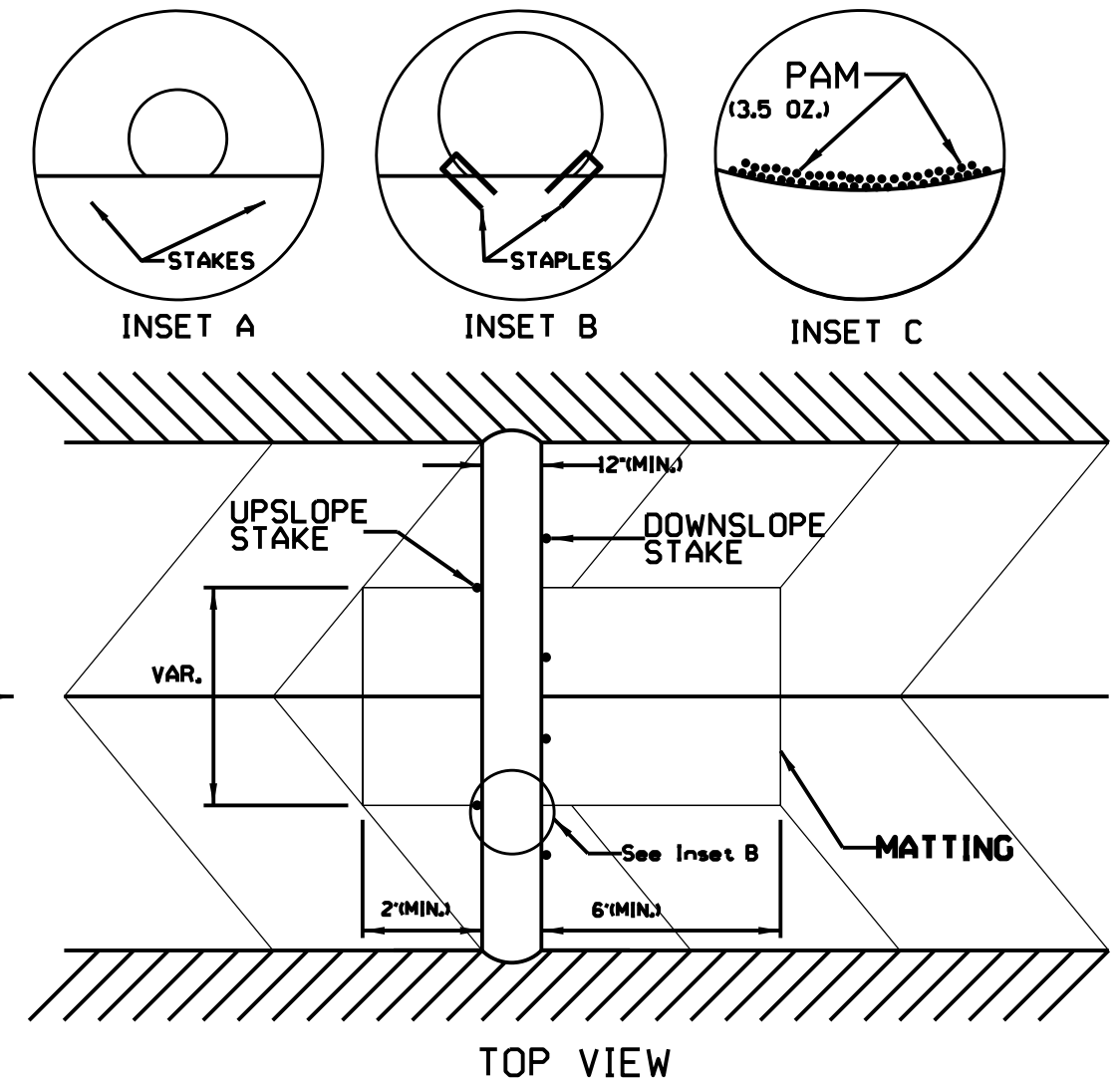
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.24.10841, 2025CPT.10.24.20841	13	14

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1308000000-E	1330000000-E	1523000000-E	1575000000-E	1704000000-E	2612300000-N	2830000000-N	2845000000-N	6071002000-E	6071010000-E	6084000000-E	7444000000-E		
												BORROW	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	1 1/2" MILLING	0" TO 1 1/2" MILLING	INCIDENTAL MILLING	SURFACE COURSE, \$9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT	RETROFIT EXIST. WHEELCHAIR RAMP	ADJ. OF MANHOLES	ADJ. OF METER OR VALVE BOX	FLOCCULANT	WATTLE	SEED & MULCHING	INDUCTIVE LOOP		
								MI	FT			CY	TONS	SMI	SY	SY	SY	TONS	TONS	TONS	EA	EA	EA	LB	LF	AC	LF		
2025CPT.10.24.10841	Stanly	1	US-52	FROM SR 1524 PROSPECT CHURCH ROAD(MP 17.17) TO SR 1496 WALNUT DRIVE(MP 18.05)	1	4	MU	0.88	65	17.17	18.05				33,550		665	3,222	201	230									
TOTAL FOR MAP NO. 1								0.88							33,550		665	3,222	201	230									
2025CPT.10.24.10841	Stanly	2	US-52	0.20 MILES BEFORE SR 1214 AUSTIN ROAD(MP 18.9) TO NC 740(MP 20.47)	1	4	MU	1.57	65	18.9	20.47			0.05	51,798		7,050	5,300	329	346			1	1				1,320	
TOTAL FOR MAP NO. 2								1.57					3	0.05	51,798		7,050	5,300	329	346			1	1				1,320	
2025CPT.10.24.10841	Stanly	3	US-52	FROM LAVASQUE ST (BEGIN CURB AND GUTTER) (MP 22.75) TO JOINT PAST NC 49 (MP 23.65)	1	4	MU	0.9	65	22.75	23.65				36,425		2,575	3,625	225	225	4.00							1,550	
TOTAL FOR MAP NO. 3								0.9							36,425		2,575	3,625	225	225	4.00								1,550
TOTAL FOR PROJ NO. 2025CPT.10.24.10841								3.35					3		0.05	121,773		10,290	12,147	755	801	4.00		1	1				2,870
2025CPT.10.24.20841	Stanly	4	SR-1258 / NEWT RD	FROM NC 24/27 TO SR 1249 CANTON ROAD	2	2	ZWU	0.38	22	0.03	0.41		26	30	0.72		200	776	500	36	133			1	57		0.3		
TOTAL FOR MAP NO. 4								0.38					26	30	0.72		200	776	500	36	133			1	57		0.3		
TOTAL FOR PROJ NO. 2025CPT.10.24.20841								0.38					26	30	0.72		200	776	500	36	133			1	57		0.3		
GRAND TOTAL								3.73					29	30	0.77	121,773	200	11,066	12,647	791	934	4.00	1	1	1	57		0.3	2,870

PROJECT NO.	SHEET NO.	TOTAL NO.
2025CPT.10.24.10841, 2025CPT.10.24.20841	14	14

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4400000000-E	4457000000-N	4510000000-N	4685000000-E		4695000000-E		4704000000-E		4705000000-E		4720000000-E			4725000000-E			4810000000-E		4900000000-N	4905100000-N
												STATIONARY WORK ZONE SIGN	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	16" X 90 M WHITE THERMO	24" X 90 M WHITE THERMO	THERMO MSG SCHOOL 90 M	THERMO RXR 90 M	THERMO MSG ONLY 90 M	THERMO LT ARROW 90 M	THERMO STR & RT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR ARROW 90 M	4" YELLOW PAINT	4" WHITE PAINT	YELLOW & IRON MARKERS	NON-CAST IRON SLOWPLOWABLE MARKER	
MI	FT	SF	LS	HR	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
2025CPT.10.24.10841	Stanly	1	US-52	FROM SR 1524 PROSPECT CHURCH ROAD(MP 17.17) TO SR 1496 WALNUT DRIVE(MP 18.05)	1	4	MU	0.88	65	17.17	18.05	206	0.26		10,185	1,595							30						10,185	1,595		377
TOTAL FOR MAP NO. 1																																
2025CPT.10.24.10841	Stanly	2	US-52	0.20 MILES BEFORE SR 1214 AUSTIN ROAD(MP 18.9) TO NC 740(MP 20.47)	1	4	MU	1.57	65	18.9	20.47	766	0.36	120	18,778	3,938	80			635	12			43	6	3	6	18,778	3,938		365	
TOTAL FOR MAP NO. 2																																
2025CPT.10.24.10841	Stanly	3	US-52	FROM LAVASQUE ST (BEGIN CURB AND GUTTER) (MP 22.75) TO JOINT PAST NC 49 (MP 23.65)	1	4	MU	0.9	65	22.75	23.65	926	0.27	80	12,625	3,098		85	50	410	24	2	8	37			5	12,625	3,098		295	
TOTAL FOR MAP NO. 3																																
TOTAL FOR PROJ NO. 2025CPT.10.24.10841																																
								50,219							165						46		130				50,219					
2025CPT.10.24.20841	Stanly	4	SR-1258 / NEWTR RD	FROM NC 24/27 TO SR 1249 CANTON ROAD	2	2	ZWU	0.38	22	0.03	0.41	44	0.11				80		22									7,600	8,216	26		
TOTAL FOR MAP NO. 4																																
TOTAL FOR PROJ NO. 2025CPT.10.24.20841																																
								44							80												7,600	8,216	26			
								44							80													7,600	8,216	26		
								80																				15,816				
GRAND TOTAL								1,942	1,000	200				41,588	8,631	80	165	50	1,067	36	2	8	110	6	8	6	49,188	16,847	26	1,037		
								50,219							245							46		130			66,035					