
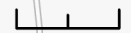


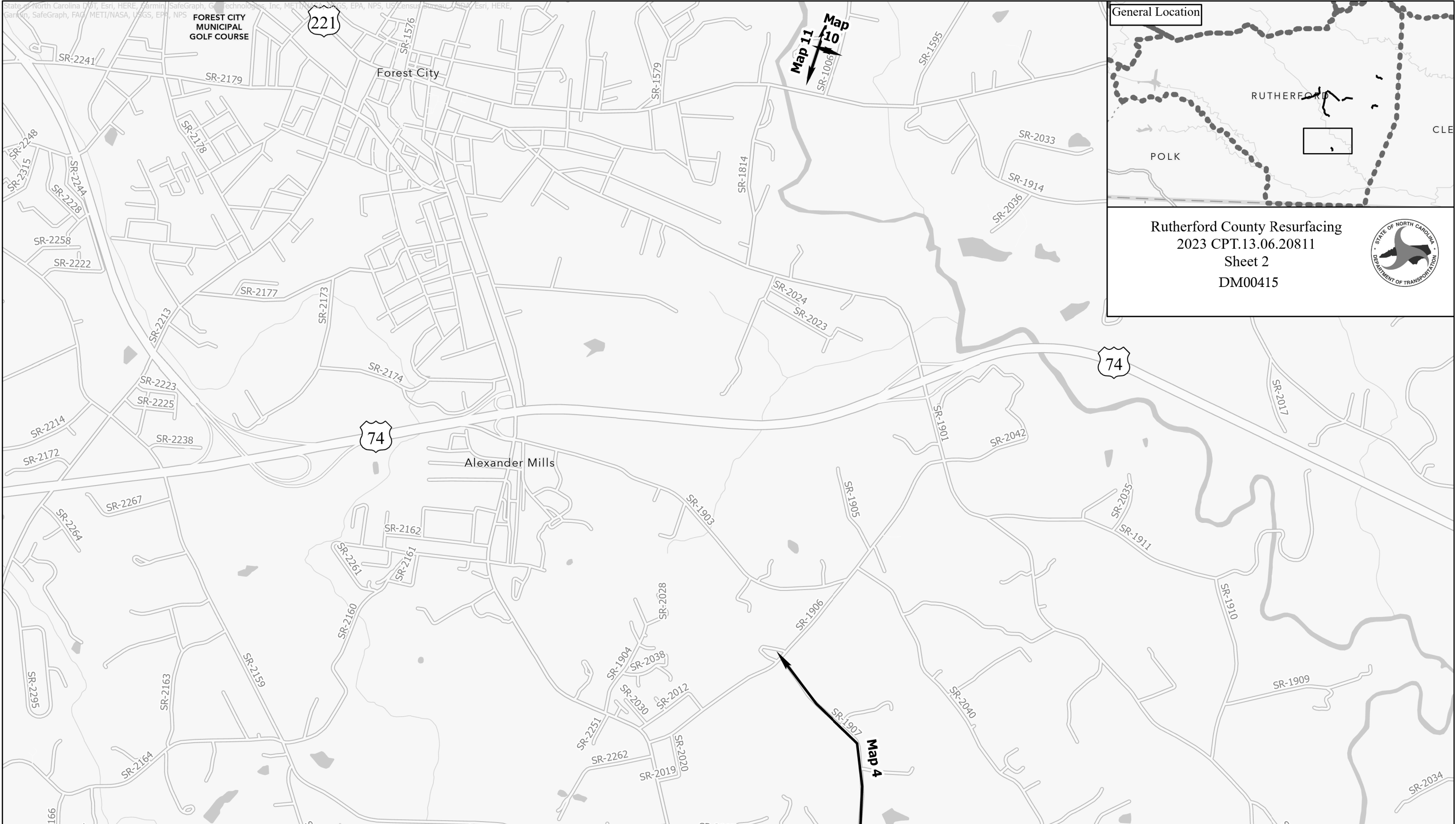
Rutherford County Resurfacing
 2023 CPT.13.06.20811
 Sheet 1
 DM00415



Map	Route Desc.	From Desc.	To Desc.	From MP	To MP
1	SR 1538 Whitesides Road	SR 1510(Hudlow Rd)	SR 1007 (Pearidge Rd)	3.36	7.06
2	SR 1007 Andrews Mill Rd	SR 1561(Pea Ridge Rd)	SR 1006 (Bostic Sunshine Hwy)	3.81	6.25
3	SR 1561 Pearidge Road	SR 1006 (Bostic Sunshine Hwy)	SR 1007(Andrews Mill Rd)	0.01	4.35
5	SR 1769 Salem Church Road	SR 1713(South Mtn Rd)	SR 1006 (Bostic Sunshine Hwy)	3.06	4.87
9	SR 1800 Cleveland Road	SR 1566 (Terry Rd)	SR 1800 (Avalon Trl)	0.01	0.13

0 0.1 0.25 Miles



General Location

RUTHERFORD
POLK
CLE

Rutherford County Resurfacing
2023 CPT.13.06.20811
Sheet 2
DM00415

Map	Route Desc.	From Desc.	To Desc.	From MP	To MP
4	SR 1907 Rollins Road	SR 1906 (Mt Pleasant Ch Rd)	US 221 ALT	0	1
10	SR 1801 Gold Medallion Street	SR 1006 (Bostic Sunshine Hwy)	SR 1802 (Gold Medallion Dr)	0.01	0.08
11	SR 1802 Gold Medallion Drive	DEAD END	DEAD END	0	0.208

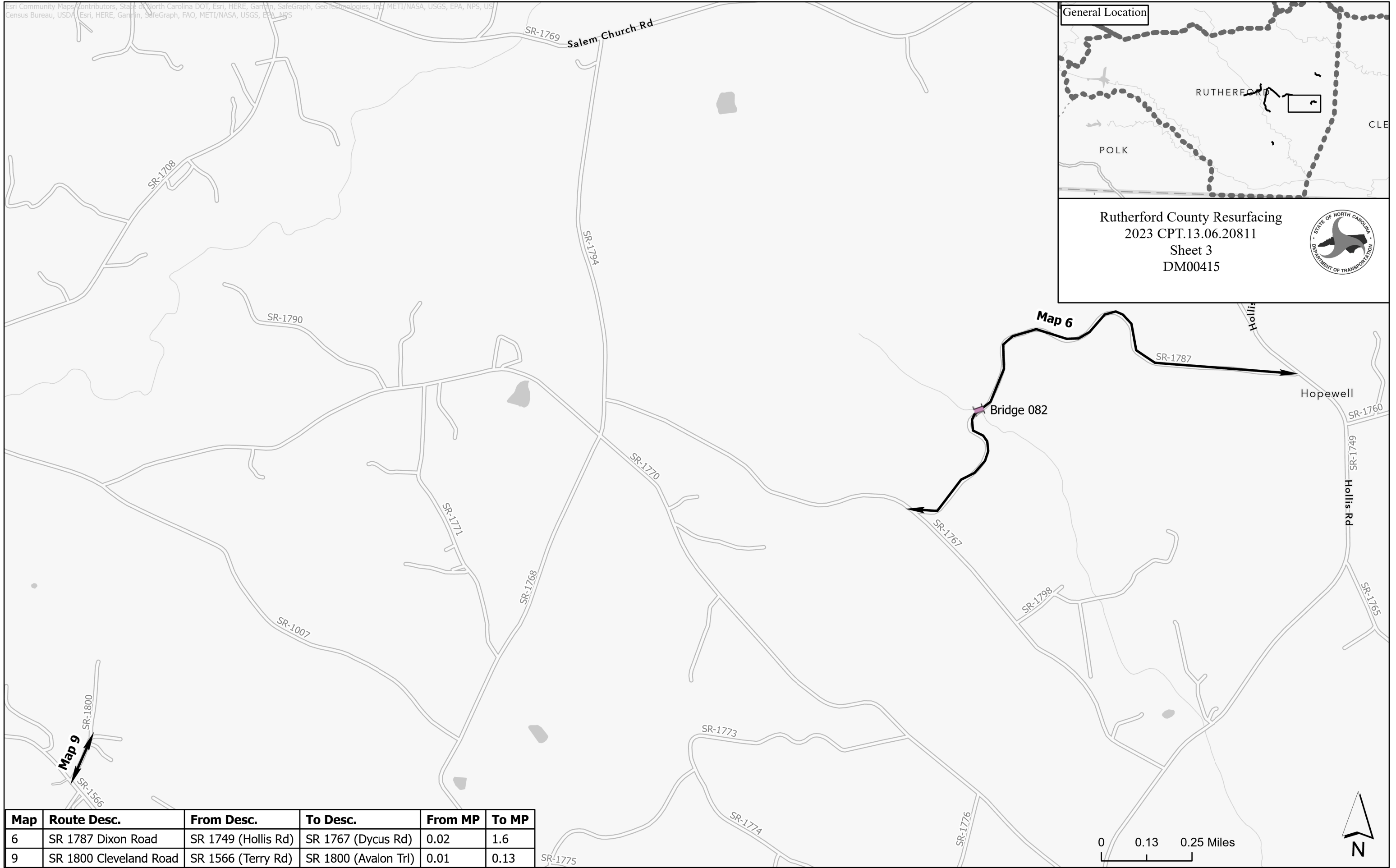
0 0.13 0.25 Miles



General Location

RUTHERFORD
POLK
CLE

Rutherford County Resurfacing
2023 CPT.13.06.20811
Sheet 3
DM00415

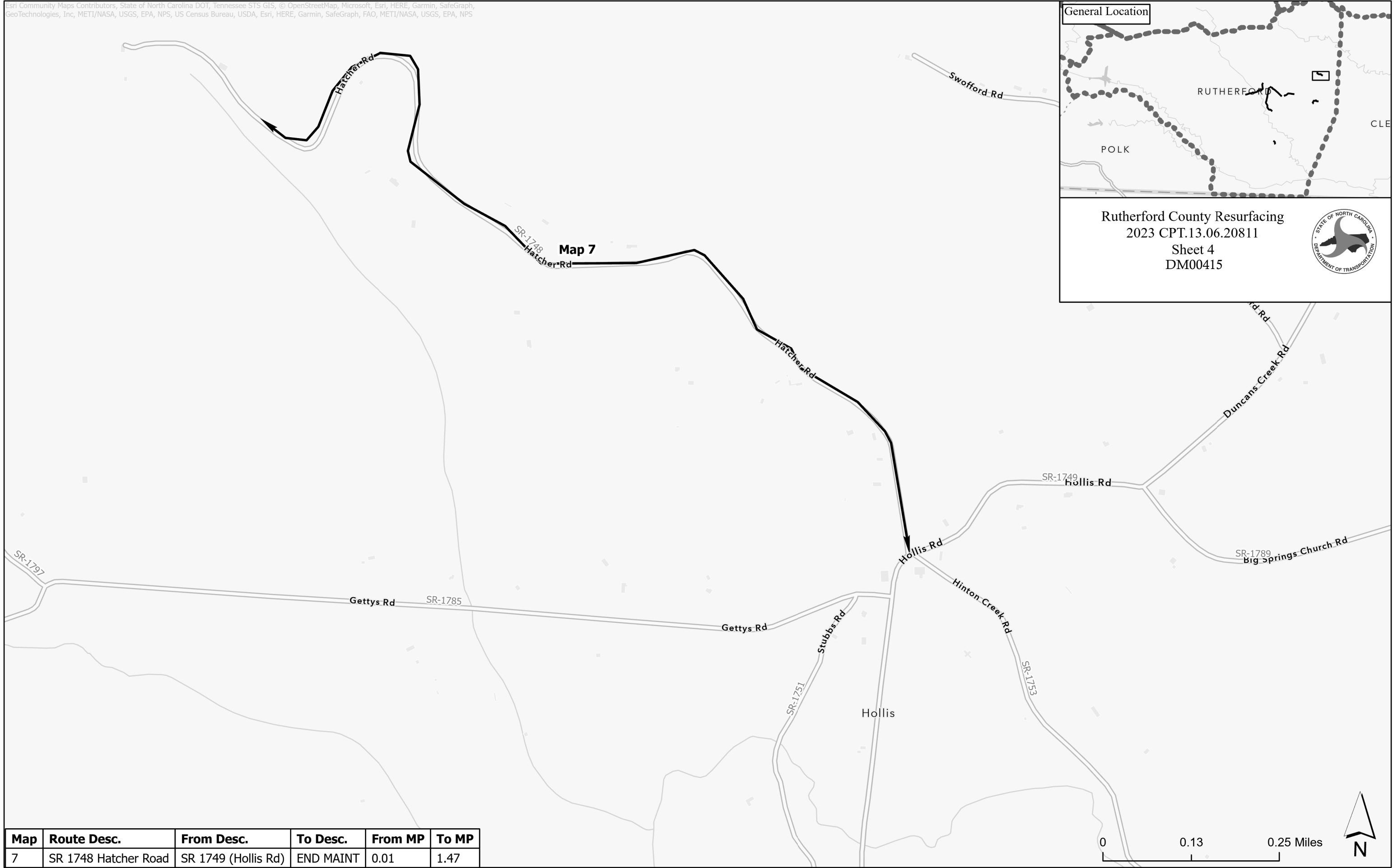


Map	Route Desc.	From Desc.	To Desc.	From MP	To MP
6	SR 1787 Dixon Road	SR 1749 (Hollis Rd)	SR 1767 (Dycus Rd)	0.02	1.6
9	SR 1800 Cleveland Road	SR 1566 (Terry Rd)	SR 1800 (Avalon Trl)	0.01	0.13

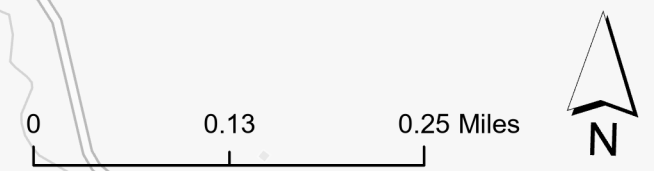
General Location

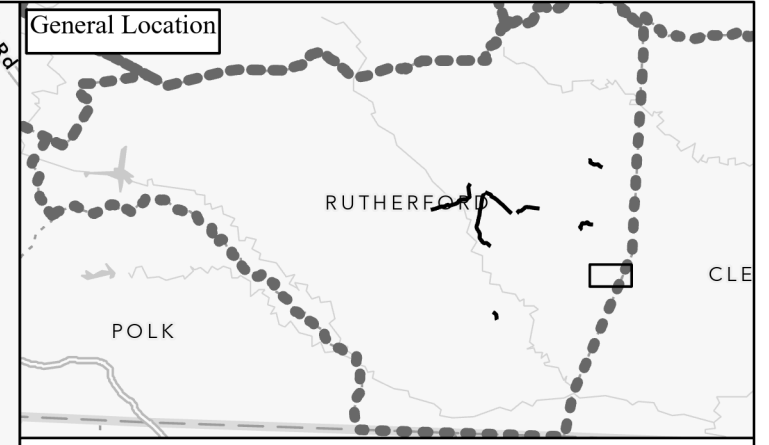
RUTHERFORD
POLK
CLE

Rutherford County Resurfacing
2023 CPT.13.06.20811
Sheet 4
DM00415


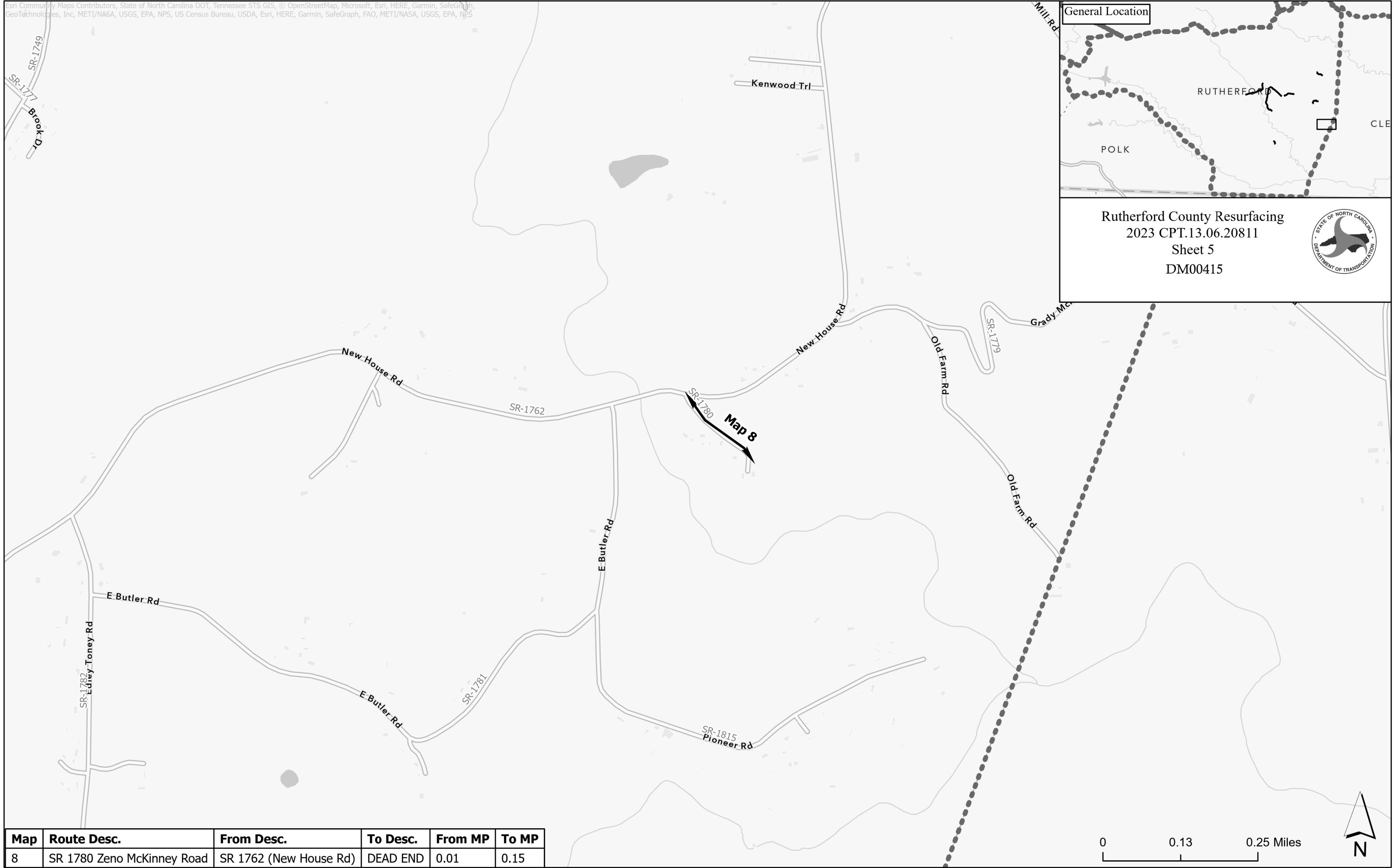


Map	Route Desc.	From Desc.	To Desc.	From MP	To MP
7	SR 1748 Hatcher Road	SR 1749 (Hollis Rd)	END MAINT	0.01	1.47

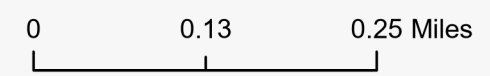


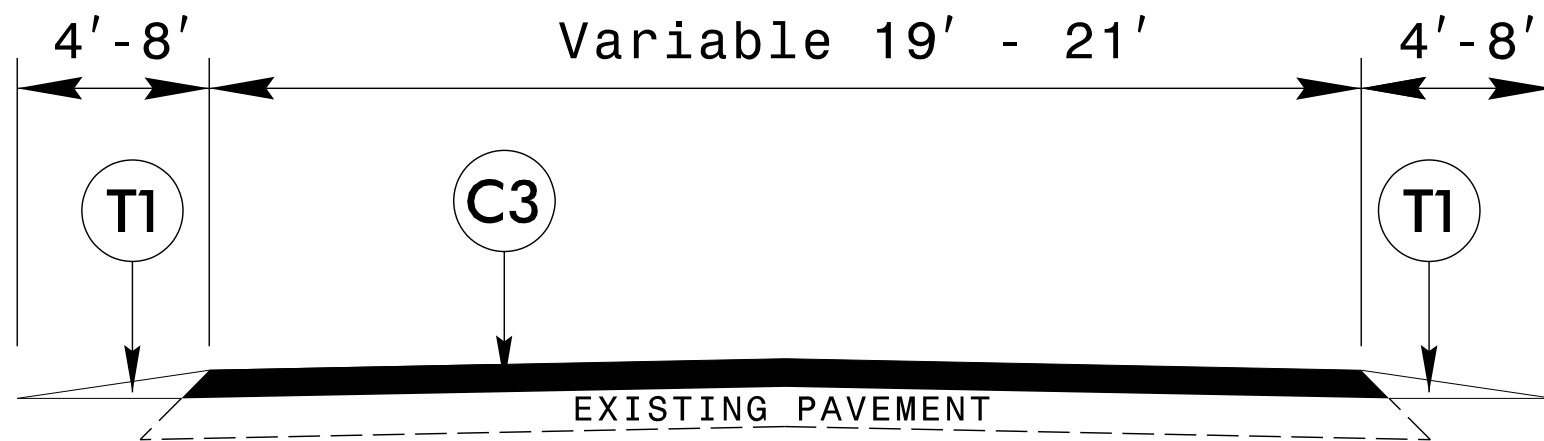


Rutherford County Resurfacing
 2023 CPT.13.06.20811
 Sheet 5
 DM00415

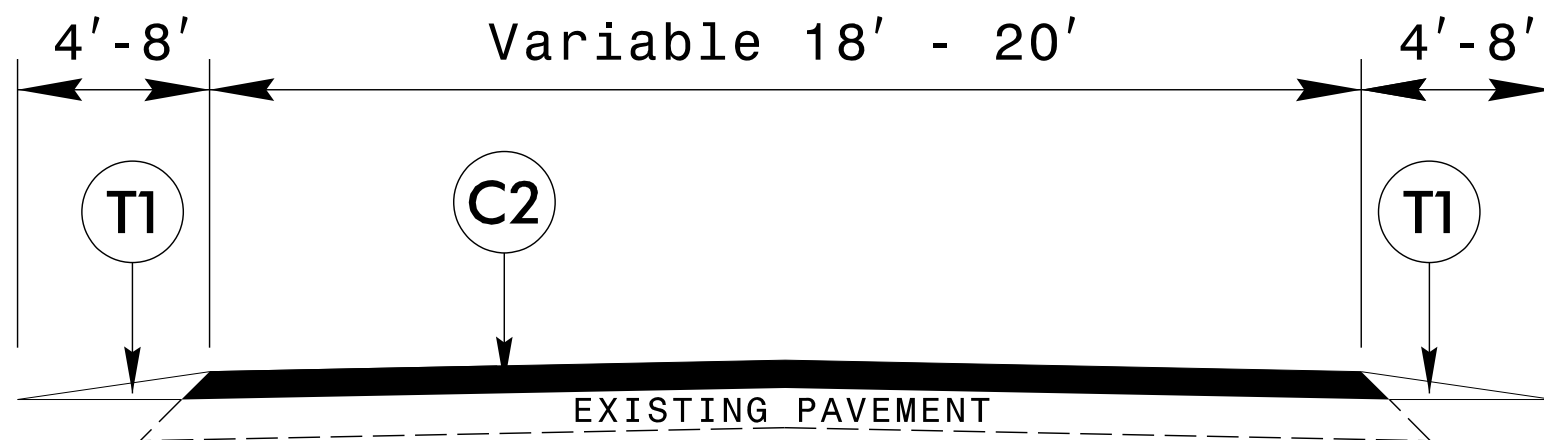



Map	Route Desc.	From Desc.	To Desc.	From MP	To MP
8	SR 1780 Zeno McKinney Road	SR 1762 (New House Rd)	DEAD END	0.01	0.15





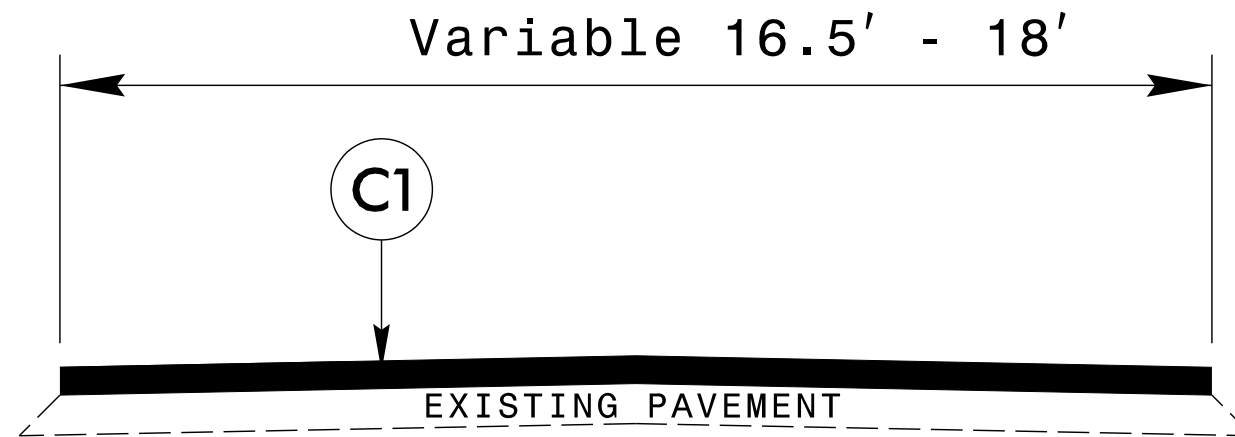
TYPICAL SECTION #1



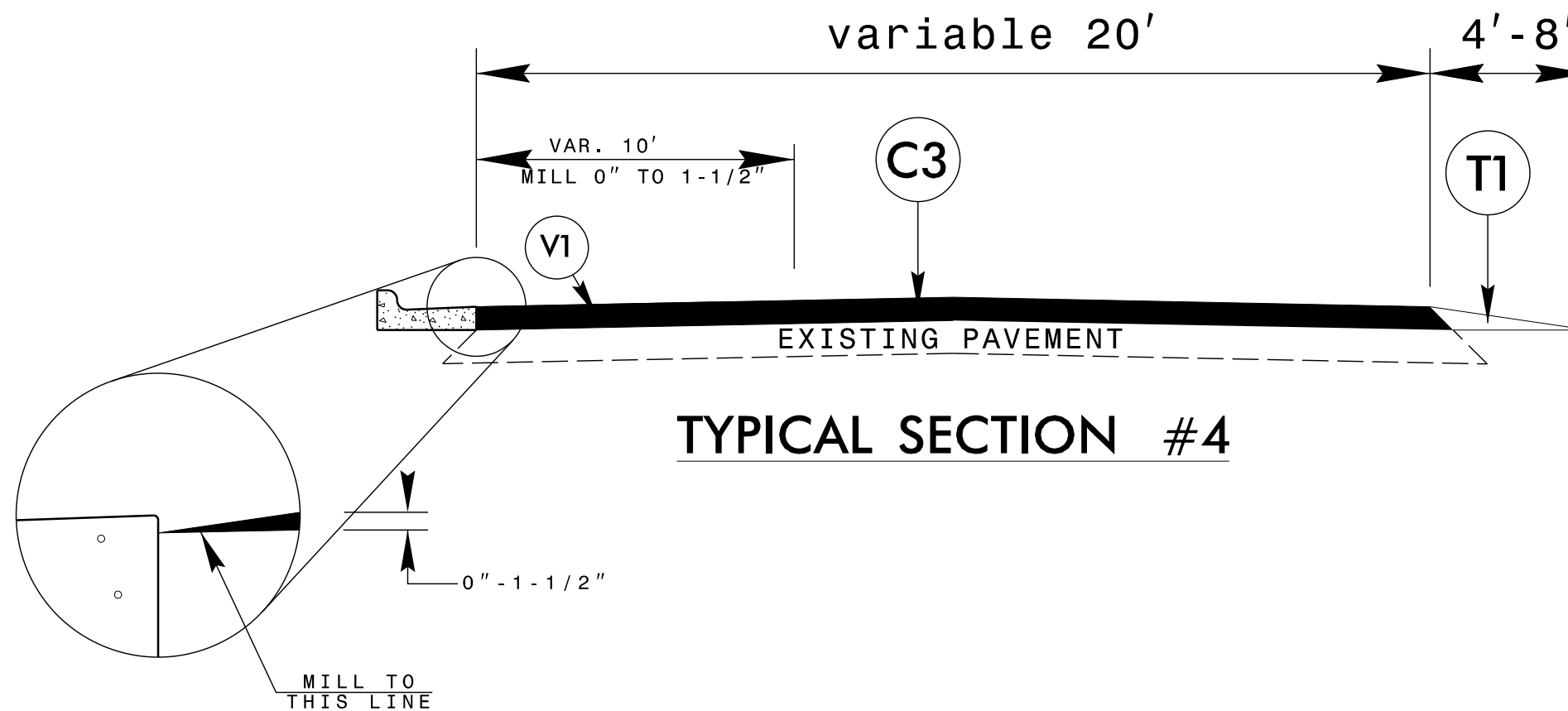
TYPICAL SECTION #2

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YARD
C2	PROP. APPROX. 1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137 LBS. PER SQ. YARD
C3	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	MILLING ASPHALT PAVEMENT, 0 TO 1-1/2" DEPTH
V2	MILLING ASPHALT PAVEMENT 1-1/2" DEPTH
V3	MILLING ASPHALT PAVEMENT 1 - 1/4" DEPTH
V4	INCIDENTAL MILLING

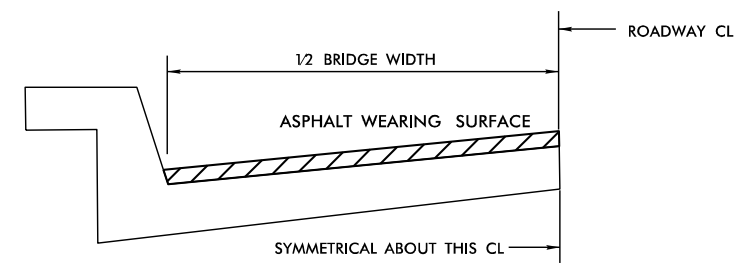


TYPICAL SECTION #3



PAVEMENT SCHEDULE

C1	PROP. APPROX. 1" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YARD
C2	PROP. APPROX. 1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 137 LBS. PER SQ. YARD
C3	PROP. APPROX. 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	MILLING ASPHALT PAVEMENT, 0 TO 1-1/2" DEPTH
V2	MILLING ASPHALT PAVEMENT 1-1/2" DEPTH
V3	MILLING ASPHALT PAVEMENT 1 - 1/4" DEPTH
V4	INCIDENTAL MILLING



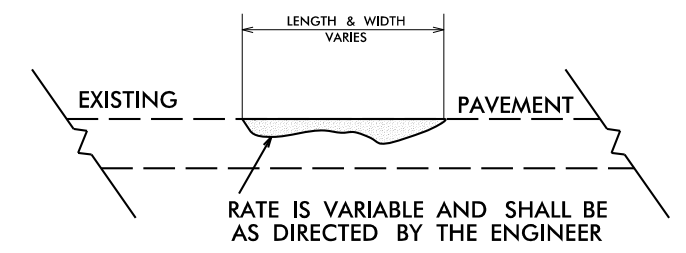
BRIDGE HALF TYPICAL SECTION

FOR BRIDGES WITH FLOOR DRAINS, CARE SHALL BE EXERCISED IN PLACING THE WEARING SURFACE AROUND FLOOR DRAINS SO AS NOT TO HINDER EFFECTIVE DRAINAGE. ALL DRAINS SHALL BE LEFT OPEN.

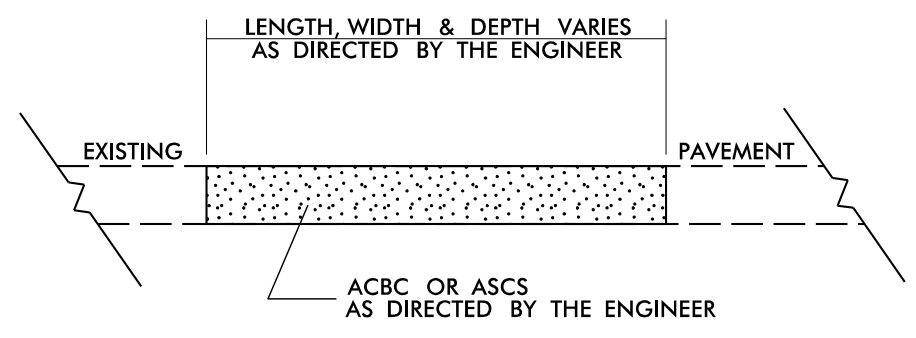
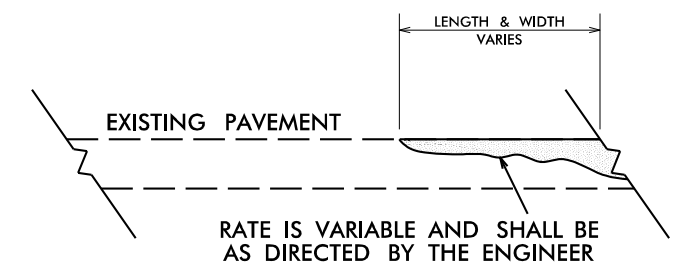
THE PROPOSED WEARING SURFACE SHALL VARY IN THICKNESS AS NECESSARY TO PROVIDE A SMOOTH RIDING SURFACE. THE MINIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1/2", S9.5B 1", S9.5C,D 1.5" - 2". ULTRA-THIN HOT MIX ASPHALT - TYPE A 3/4". ULTRA-THIN HOT MIX ASPHALT - TYPE B 5/8". ULTRA-THIN HOT MIX ASPHALT - TYPE C 1/2". THE MAXIMUM THICKNESS SHOULD DEPEND ON PAVEMENT TYPE AS FOLLOWS: S4.75A 1", S9.5B 1.5", S9.5C,D 2". ULTRA-THIN HOT MIX ASPHALT - TYPE A 3/4", ULTRA-THIN HOT MIX ASPHALT - TYPE B 5/8", ULTRA-THIN HOT MIX ASPHALT - TYPE C 1/2".

NOTES

- ALL UNPAVED ROADS TO BE RESURFACED 50' FROM EDGE OF PAVEMENT OF MAIN PROJECT. ALL PAVED S. R. ROADS TO BE RESURFACED TO THE ENDS OF THE RADII, OR AS DIRECTED BY THE ENGINEER.
- EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE TABLE OF QUANTITIES.
- SHOULDERS AND DITCHES ARE TO BE CONSTRUCTED BY OTHERS UNLESS OTHERWISE INDICATED.
- BRIDGES ARE TO BE RESURFACED AT LOCATIONS AND TO DEPTH AS DIRECTED BY THE ENGINEER.

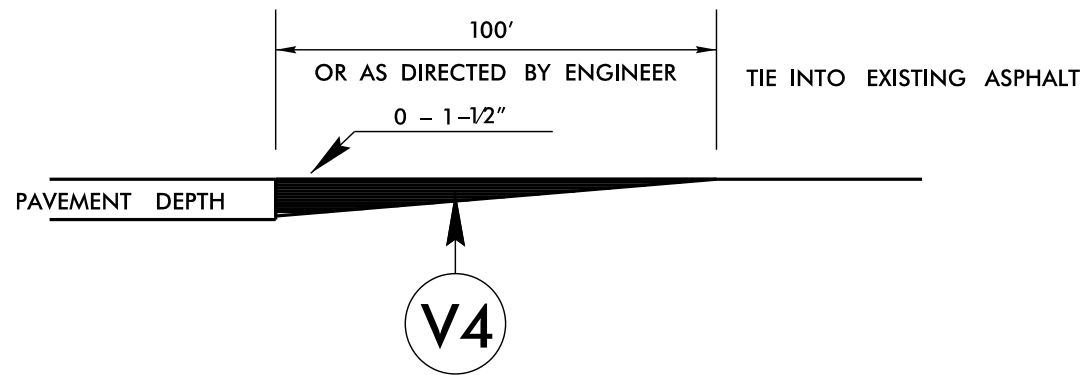


DETAIL SHOWING METHOD OF WEDGING



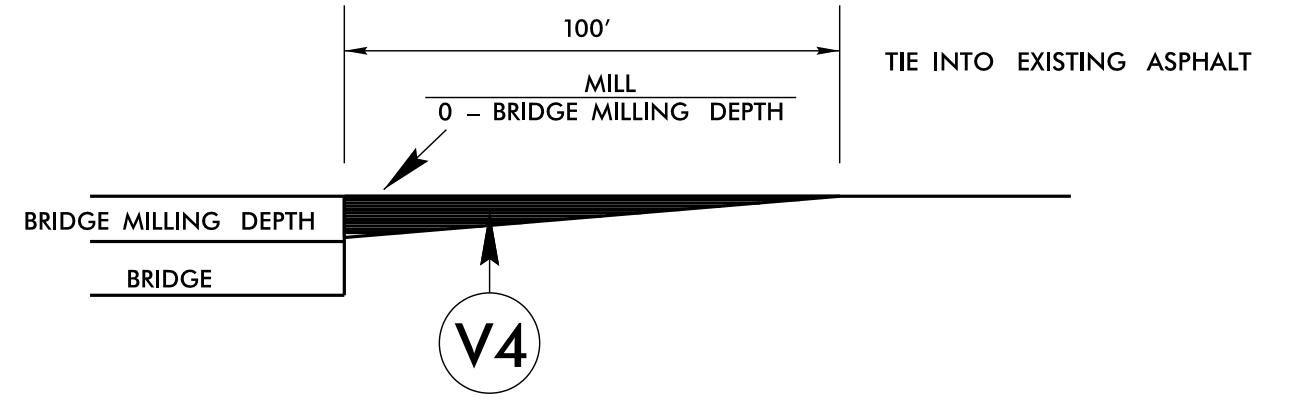
PATCHING EXISTING PAVEMENT

03-NOV-2022 11:38
 C:\Users\Next\dicensdale\State of North Carolina\NCDOT - Division 13 - Resurfacing\2023 -Rutherford\02 - Working Files\2023.DOC.dentyp and details.dgn
 6/2/99



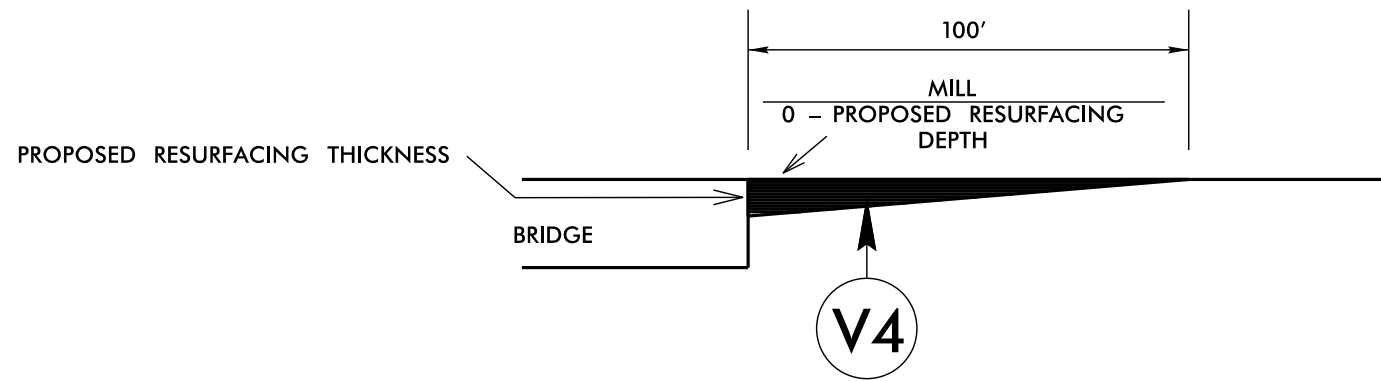
DETAIL TO TIE INTO EXIST PAVEMENT

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT HE WILL BE REQUIRED TO MILL THE EXISTING ASPHALT PAVEMENT TO ENSURE A PROPER TIE-IN WITH THE EXISTING SURFACE AT THE BEGINNING, END AND Y LINES OF EACH MAP TO BE RESURFACED WITH ASPHALT CONC SURFACE COURSE, TYPE S9.5C. THIS WILL BE PAID FOR AS INCIDENTAL MILLING.



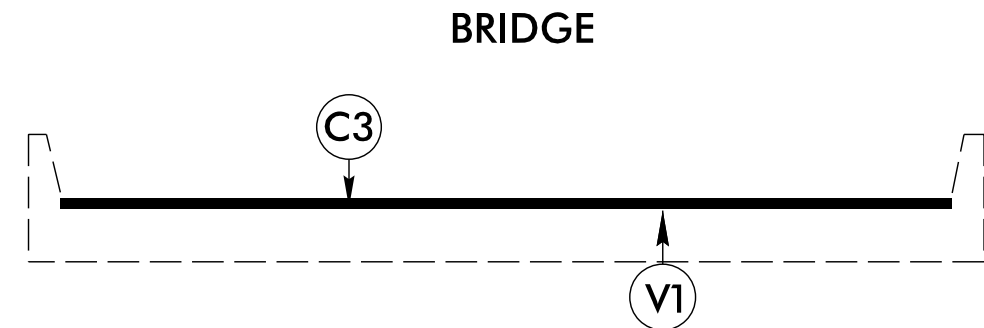
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL BE MILLED THEN RESURFACED. THIS WILL BE PAID FOR AS INCIDENTAL MILLING. USE AT BRIDGE NUMBER: 166, 167 MAP 2 AND 70 MAP 3.



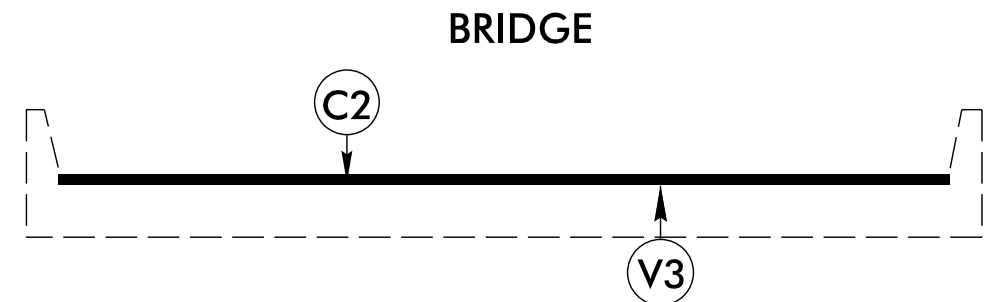
MILLING DETAIL AT BRIDGE APPROACHES

WHERE BRIDGES WILL NOT BE RESURFACED. THIS WILL BE PAID FOR AS INCIDENTAL MILLING. USE AT BRIDGE NUMBER: 164 MAP 1.



BRIDGE DETAIL

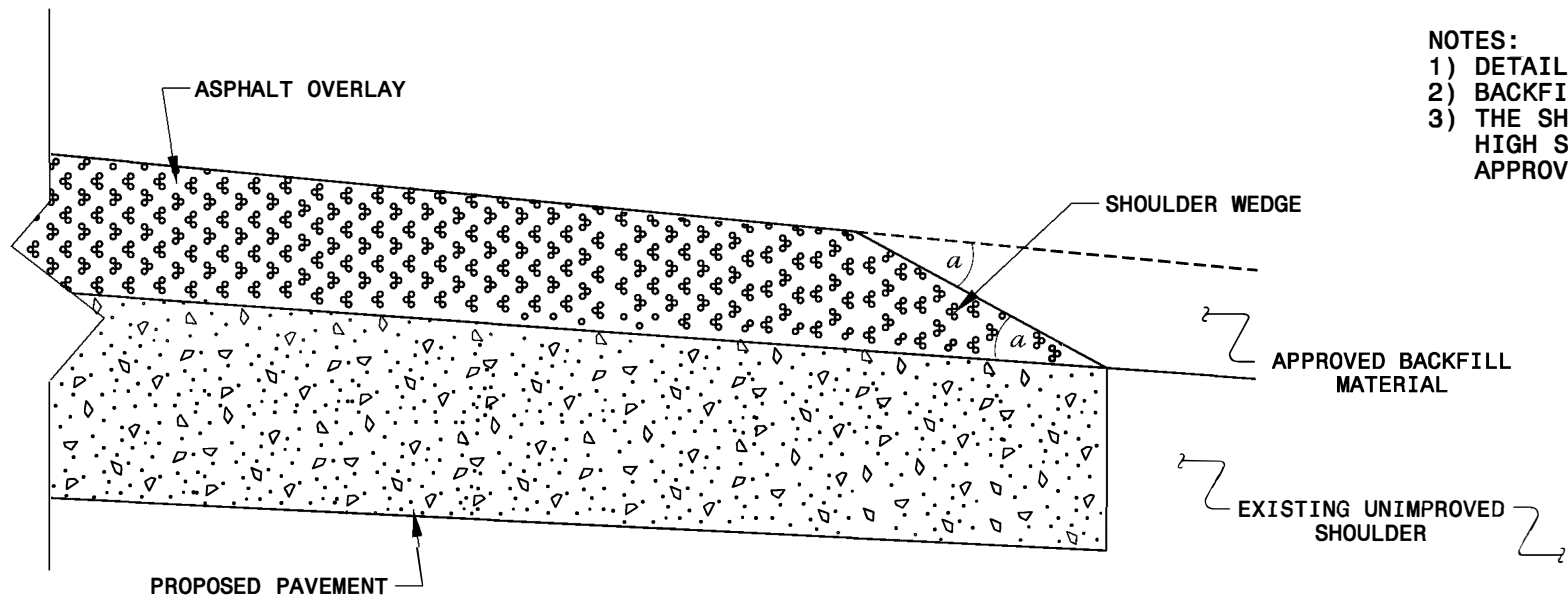
BRIDGE NUMBER 166, 167 MAP 2, 70 MAP 3. MILL 1-1/2" OFF EXISTING PAVEMENT SEE MAP FOR BRIDGE LOCATION.



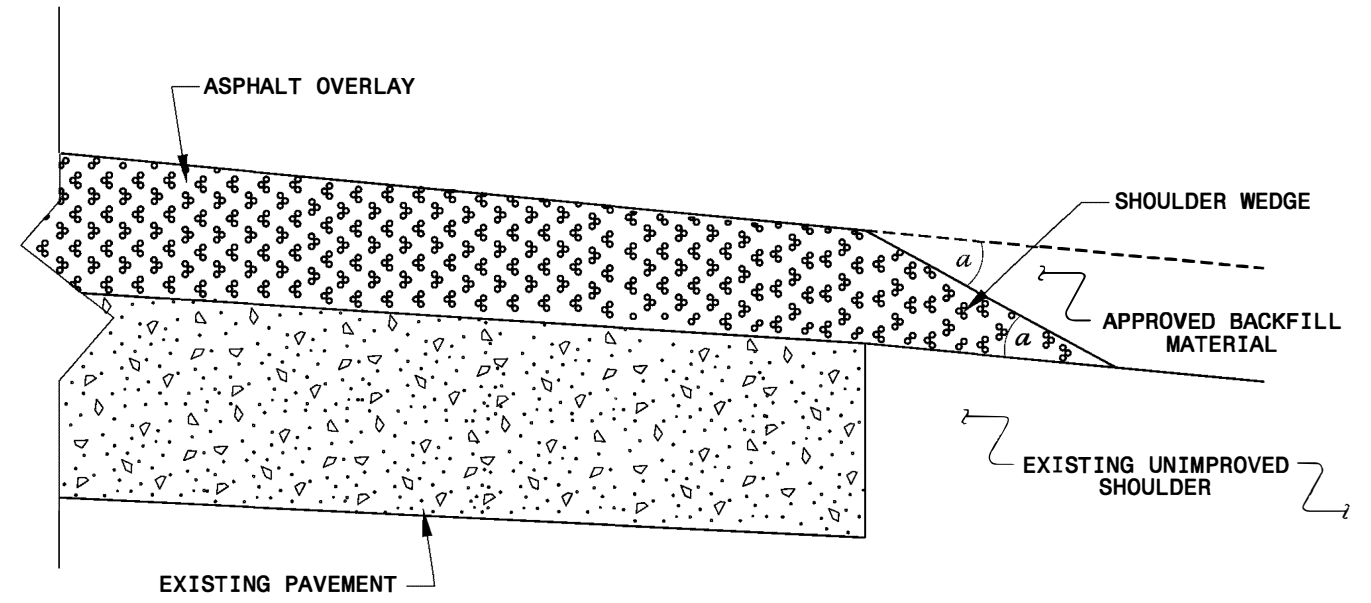
BRIDGE DETAIL

BRIDGE NUMBER 82 MAP 6. MILL 1-1/4" OFF EXISTING PAVEMENT SEE MAP FOR BRIDGE LOCATION.

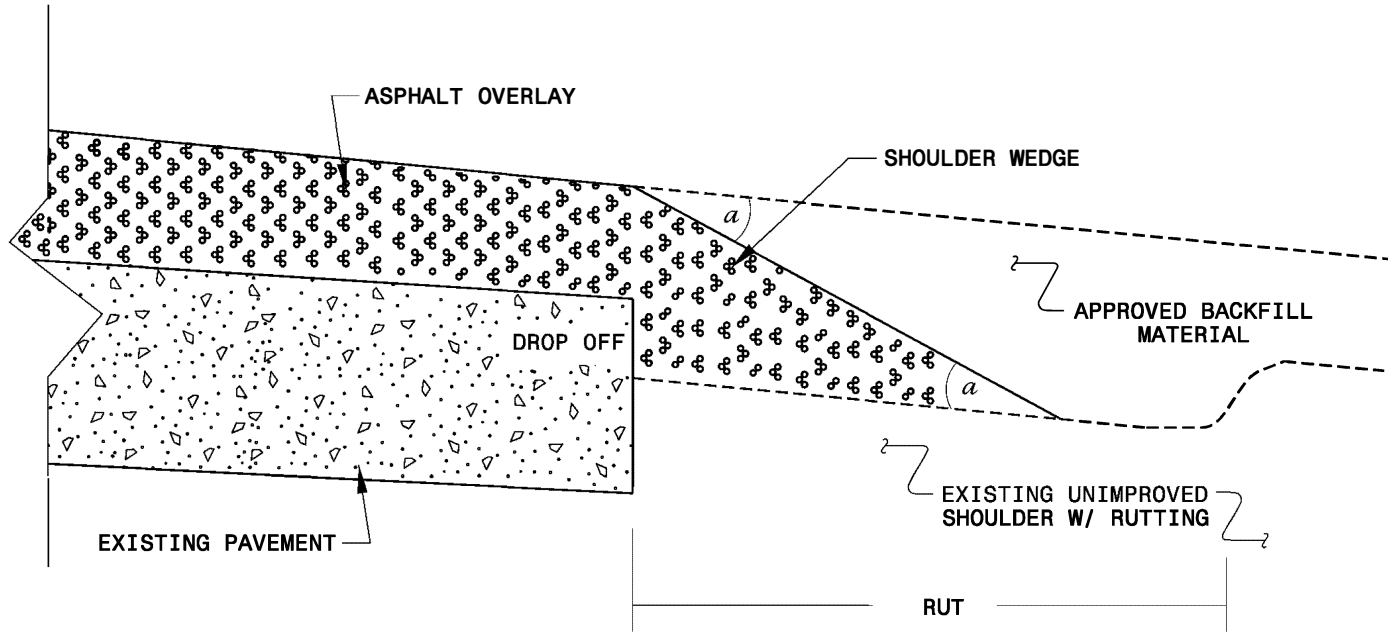
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFc AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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S:\Contracts\AT_CSD-252555
Jhowerton

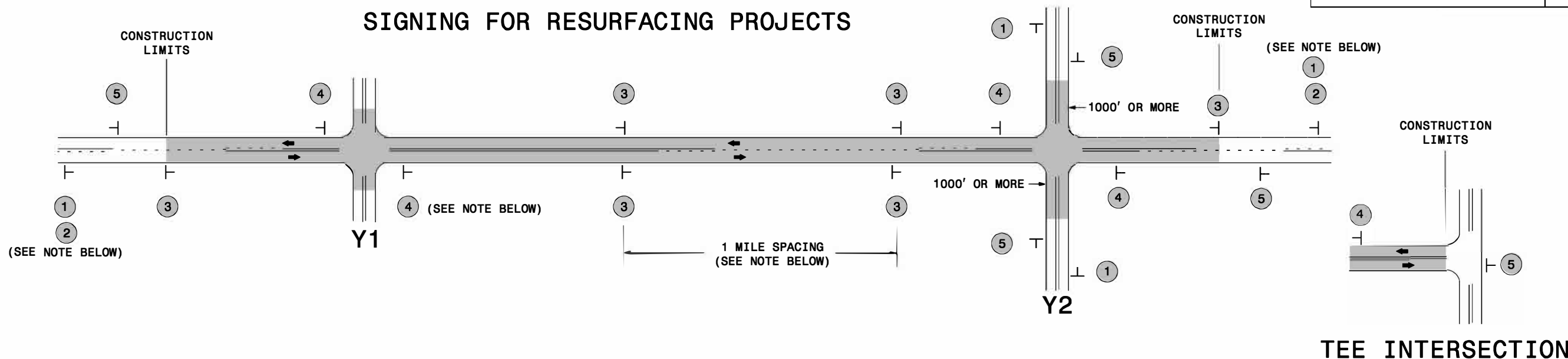
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	1220000000-E	1245000000-E	1260000000-E	1297000000-E	1308000000-E	1330000000-E	1519000000-E	1523000000-E	1575000000-E	1704000000-E
												INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	AGGREGATE SHOULDER BORROW	MILLING ASPHALT PAVEMENT, 1-1/2" DEPTH	MILLING ASPHALT PAVEMENT, 0" TO 1-1/2" DEPTH	INCIDENTAL MILLING	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT
												TON	SMI	TON	SY	SY	SY	TON	TON	TON	TON
			SR 1538 (WHITESIDES RD)	FROM SR 1510 (HUDLOW RD) TO SR 1007 PEA RIDGE RD) (MP 3.36 - MP 7.06)	1	2	2WU	NO	YES	3.70	21.0	186	7.40	970			2,431		4,022	291	1,045
			SR 1007 (ANDREW MILLS RD)	FROM SR 1561 (PEA RIDGE RD) TO SR 1006 (BOSTIC SUNSHINE HWY) (MP 3.81 - MP 6.25)	1	2	2WU	NO	YES	2.44	19.0	123	4.88	634	497		2,175		2,406	177	675
			SR 1561 (PEA RIDGE RD)	FROM SR 1006 (BOSTIC SUNSHINE HWY) TO SR 1007 (ANDREW MILLS RD) (MP 0.01 - MP 4.35)	1,4	2	2WU	NO	NO	4.34	19.5	217	8.66	1,126	433	940	2,125		4,347	280	405
			SR 1907 (ROLLINS RD)	FROM SR 1906 (MT PLEASANT CHURCH RD) TO (US 221 ALT) (MP 0.00 - MP 1.00)	2	2	2WU	NO	NO	1.00	18.0	50	2.00	260				800		61	155
			SR 1769 (SALEM CHURCH RD)	FROM SR 1713 (SOUTH MTN RD) TO SR 1006 (BOSTIC - SUNSHINE RD) (MP 3.06 - MP 4.87)	2	2	2WU	NO	YES	1.81	19.0	92	3.62	476				1,419		115	423
			SR 1787 (DIXON RD)	FROM SR 1749 (HOLLIS RD) TO SR 1767 (DYCUS RD) (MP 0.02 - MP 1.58)	2	2	2WU	NO	NO	1.58	20.0	80	3.16	416				1,356		112	436
			SR 1748 (HATCHER RD)	FROM SR 1749 (HOLLIS RD) TO EOM (MP 0.01 - MP 1.47)	3	2	2WU	NO	YES	1.46	18.0	77						893		64	77
			SR 1780 (ZENO MCKINNEY RD)	FROM SR 1762 (NEW HOUSE RD) TO EOM (MP 0.01 - MP 0.15)	3	2	2WU	NO	NO	0.14	18.0	9						103		9	40
			SR 1800 (CLEVELAND DR)	FROM SR 1566 (TERRY RD) TO SR 1800 (AVALON TRL) (MP 0.01 - MP 0.13)	3	2	2WU	NO	NO	0.13	16.5	15						154		12	31
			SR 1801 (GOLD MEDALLION ST)	FROM SR 1006 (BOSTIC SUNSHINE HWY) TO SR 1802 (GOLD MEDALLION DR)	3	2	2WU	NO	NO	0.07	17.0	4						75		6	23
			SR 1802 (GOLD MEDALLION DR)	FROM DEAD END TO DEAD END (MP 0.00 - MP 0.21)	3	2	2WU	NO	NO	0.21	17.5	11						121		9	23
			TOTAL							16.88		864	29.72	3,882	930	940	6,731	4,921	10,775	1,136	3,333

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	4413000000-E	4457000000-N	4890000000-E						4895000000-N	
												WORK ZONE ADVANCE/ GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	POLYUREA PAVEMENT MARKING LINES WHITE (4", 20 MILS) (STANDARD GLASS BEADS)	POLYUREA PAVEMENT MARKING LINES YELLOW (4", 20 MILS) (STANDARD GLASS BEADS)	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (WHITE)	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINES (YELLOW)	THERMOPLASTIC PAVEMENT MARKING LINES (16", 90 MILS)	THERMOPLASTIC PAVEMENT MARKING LINES (24", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS) RXR	
												SF	LS	LF	LF	LF	LF	LF	LF	EA	
			SR 1538 (WHITESIDES RD)	FROM SR 1510 (HUDLOW RD) TO SR 1007 PEA RIDGE RD) (MP 3.36 - MP 7.06)	1	2	2WU	NO	YES	3.70	21.0	416			420	420	39,389	36,476	90	63	4
			SR 1007 (ANDREW MILLS RD)	FROM SR 1561 (PEA RIDGE RD) TO SR 1006 (BOSTIC SUNSHINE HWY) (MP 3.81 - MP 6.25)	1	2	2WU	NO	YES	2.44	19.0	277					26,083	20,173		18	
			SR 1561 (PEA RIDGE RD)	FROM SR 1006 (BOSTIC SUNSHINE HWY) TO SR 1007 (ANDREW MILLS RD) (MP 0.01 - MP 4.35)	1,4	2	2WU	NO	NO	4.34	19.5	485					45,936	45,836			
			SR 1907 (ROLLINS RD)	FROM SR 1906 (MT PLEASANT CHURCH RD) TO (US 221 ALT) (MP 0.00 - MP 1.00)	2	2	2WU	NO	NO	1.00	18.0	114					10,560	10,560			
			SR 1769 (SALEM CHURCH RD)	FROM SR 1713 (SOUTH MTN RD) TO SR 1006 (BOSTIC - SUNSHINE RD) (MP 3.06 - MP 4.87)	2	2	2WU	NO	YES	1.81	19.0	204					19,325	18,005			
			SR 1787 (DIXON RD)	FROM SR 1749 (HOLLIS RD) TO SR 1767 (DYCUS RD) (MP 0.02 - MP 1.58)	2	2	2WU	NO	NO	1.58	20.0	180					16,896	16,896			
			SR 1748 (HATCHER RD)	FROM SR 1749 (HOLLIS RD) TO EOM (MP 0.01 - MP 1.47)	3	2	2WU	NO	YES	1.46	18.0	172					15,524	15,524			
			SR 1780 (ZENO MCKINNEY RD)	FROM SR 1762 (NEW HOUSE RD) TO EOM (MP 0.01 - MP 0.15)	3	2	2WU	NO	NO	0.14	18.0	20					1,753	1,753			
			SR 1800 (CLEVELAND DR)	FROM SR 1566 (TERRY RD) TO SR 1800 (AVALON TRL) (MP 0.01 - MP 0.13)	3	2	2WU	NO	NO	0.13	16.5	32									
			SR 1801 (GOLD MEDALLION ST)	FROM SR 1006 (BOSTIC SUNSHINE HWY) TO SR 1802 (GOLD MEDALLION DR) (MP 0.01 - MP 0.08)	3	2	2WU	NO	NO	0.07	17.0	16									
			SR 1802 (GOLD MEDALLION DR)	FROM DEAD END TO DEAD END (MP 0.00 - MP 0.21)	3	2	2WU	NO	NO	0.21	17.5	24									
			TOTAL							16.88		1,940	1		420	420	175,466	165,223	81	90	4
														840		340,689					

SIGNING FOR RESURFACING PROJECTS



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	2	3	4	5	
						<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>
						<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>
						<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>
						<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p> <p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>

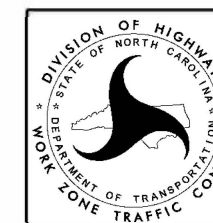
NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 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, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

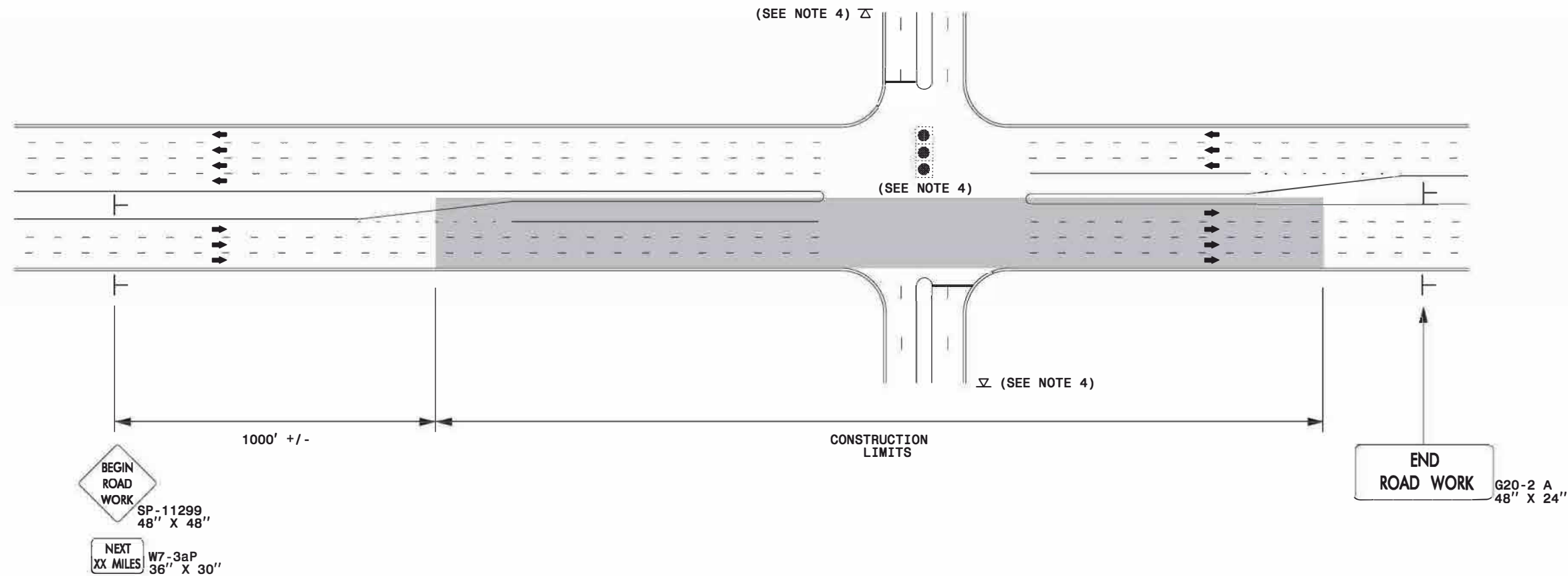


PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

URBAN / SUBURBAN WORKZONES



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 OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- ┆ STATIONARY SIGN
- ➔ DIRECTION OF TRAFFIC FLOW



RESURFACING ADVANCE WARNING SIGNS FOR URBAN / SUBURBAN FACILITIES

SIGN NUMBER: 11299

BACKG COLOR: Fluorescent Orange

DESIGN BY: WJ

CHECKED BY:

DATE: Jun 22, 2011

TYPE: B

COPY COLOR: Black

PROJECT ID: ALL

DIV: ALL

QUANTITY: SEE PLANS

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 5'-6"

HEIGHT: 5'-6"

SP 11299

PROJECT NO.	SHEET NO.
2023CPT.13.06.20811	14

TOTAL AREA: 30.5 Sq.Ft.

BORDER TYPE: INSET

RECESS: 0.59"

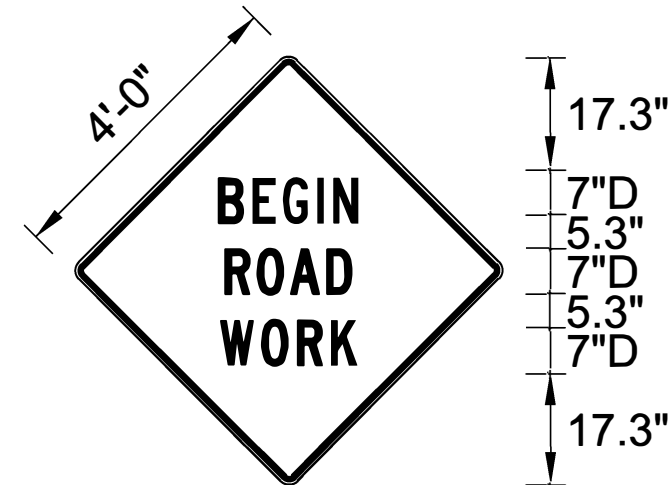
WIDTH: 0.75"

RADII: 1.38"

NO. Z BARS: N/A

LENGTH: N/A

MAT'L: 0.125" (3.2 mm) ALUMINUM



BORDER
R=1.38"
TH=0.75"
IN=0.59"

Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter																				Series/Size	
																				Text Length	
		B	E	G	I	N															D 2000
20.5	6	5.4	6.3	2.8	4.8	20.5															25.2
		R	O	A	D																D 2000
21.4	5.8	5.9	7	4.8	21.4																23.5
		W	O	R	K																D 2000
20.9	7.1	6.5	5.9	4.9	20.9																24.5

SIGN NUMBER: SP13106
 TYPE: STATIONARY
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange
 COPY COLOR: Black

DESIGN BY: B. RASHID
 PROJECT ID:

CHECKED BY: AIA
 DIV:

DATE: Apr 26, 2013

SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.00 Sq.Ft.

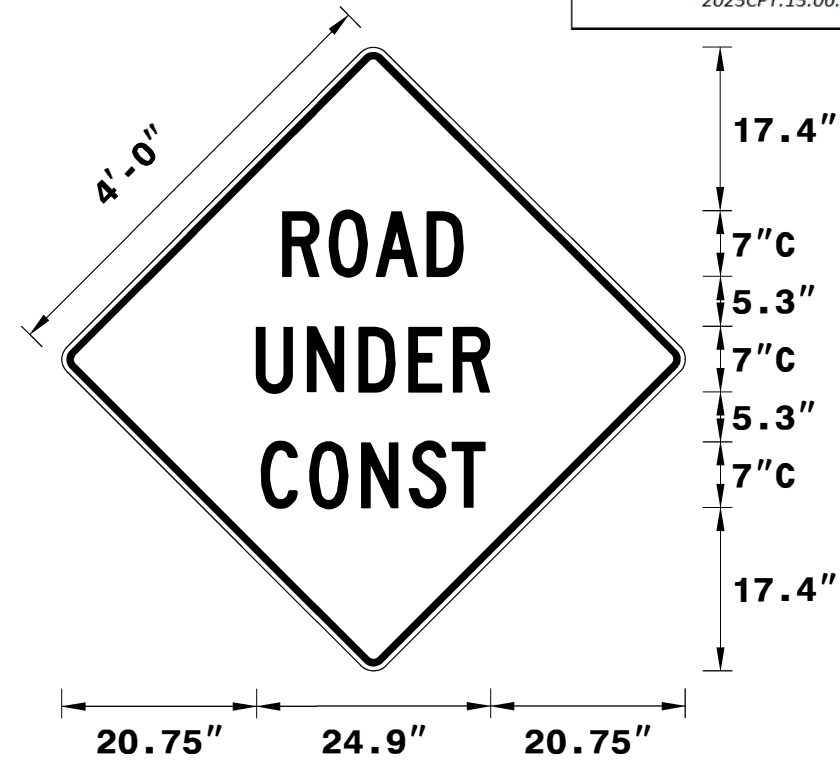
BORDER TYPE: INSET
 RECESS: 0.75"
 WIDTH: 1.25"
 RADII: 3"

NO. Z BARS:
 LENGTH:

SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

PROJECT NO.	SHEET NO.
2023CPT.13.06.20811	15



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter																	Series/Size Text Length
	R	O	A	D													C 2000
23.5	5	5	5.5	3.9	23.5												19.3
	U	N	D	E	R												C 2000
20.7	5.5	5.5	5.3	4.8	3.9	20.7											24.9
	C	O	N	S	T												C 2000
21.2	5.2	5.5	5.1	4.6	3.6	21.2											23.9

SIGN NUMBER: SP13107
 TYPE: STATIONARY
 QUANTITY: SEE PLANS

BACKG COLOR: Fluorescent Orange
 COPY COLOR: Black

DESIGN BY: B. RASHID
 PROJECT ID:

CHECKED BY: AIA
 DIV:

DATE: Apr 26, 2013

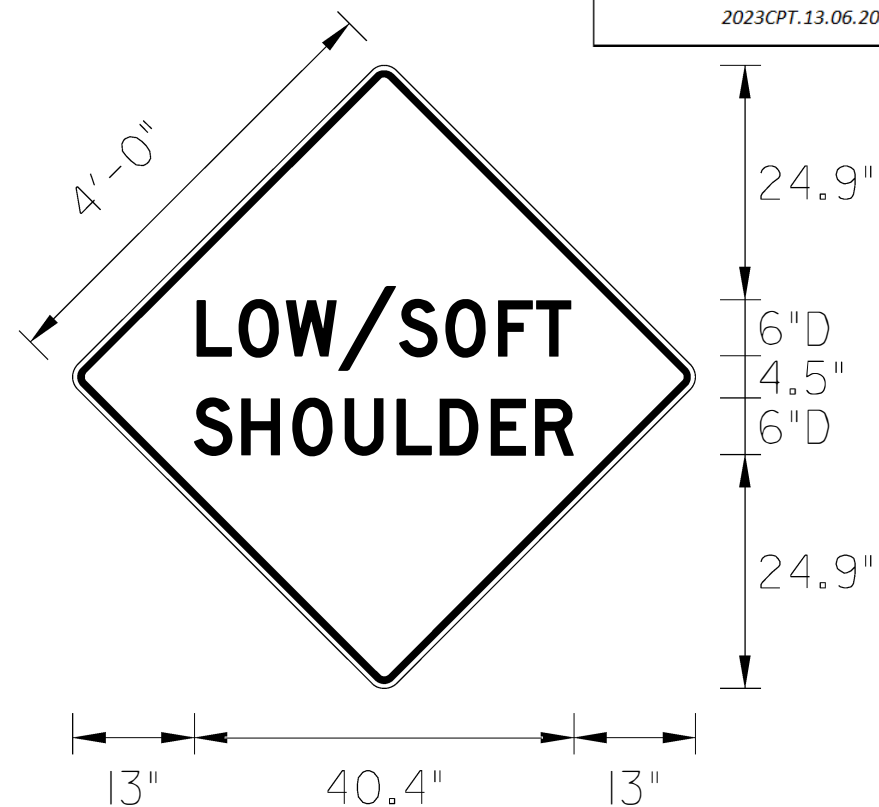
SYMBOL	X	Y	WID	HT

SIGN WIDTH: 4'-0"
 HEIGHT: 4'-0"
 TOTAL AREA: 16.00 Sq.Ft.
 BORDER TYPE: INSET
 RECESS: 0.75"
 WIDTH: 1.25"
 RADII: 3"

NO. Z BARS:
 LENGTH:

MAT'L: 0.080" (2.0 mm) ALUMINUM

PROJECT NO.	SHEET NO.
2023CPT.13.06.20811	16



Spacing Factor is 1 unless specified otherwise

USE NOTES: 1,2

1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	
											Text Length	
	L	O	W	/	S	O	F	T				D 2000
13.2	4.5	5	5.5	6.5	5	5.6	4.1	3.7	13.2			39.9
	S	H	O	U	L	D	E	R				D 2000
13	5.1	5.4	5.6	5.5	4.6	5.4	4.7	4.1	13			40.4