



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

June 16, 2022

To: Prospective Bidders

From: Jonathan W. Mitchell
Division Contract Engineer

DocuSigned by:
Jonathan W Mitchell
02B404268BC84C2...

Contract ID#: DC00342

WBS Element: 2022CPT.03.15.20672, 2022CPT.03.15.20712

County: Onslow and Pender Counties

Subject: Addendum #1: DISTRICT 1 PAVEMENT PRESERVATION

The Subject contract proposal contains the following addendum:

- 1- Project Plans - Plan Sheet No. 8, Typical Section has been added to the *DC00342_District 1 Preservation Plans*.

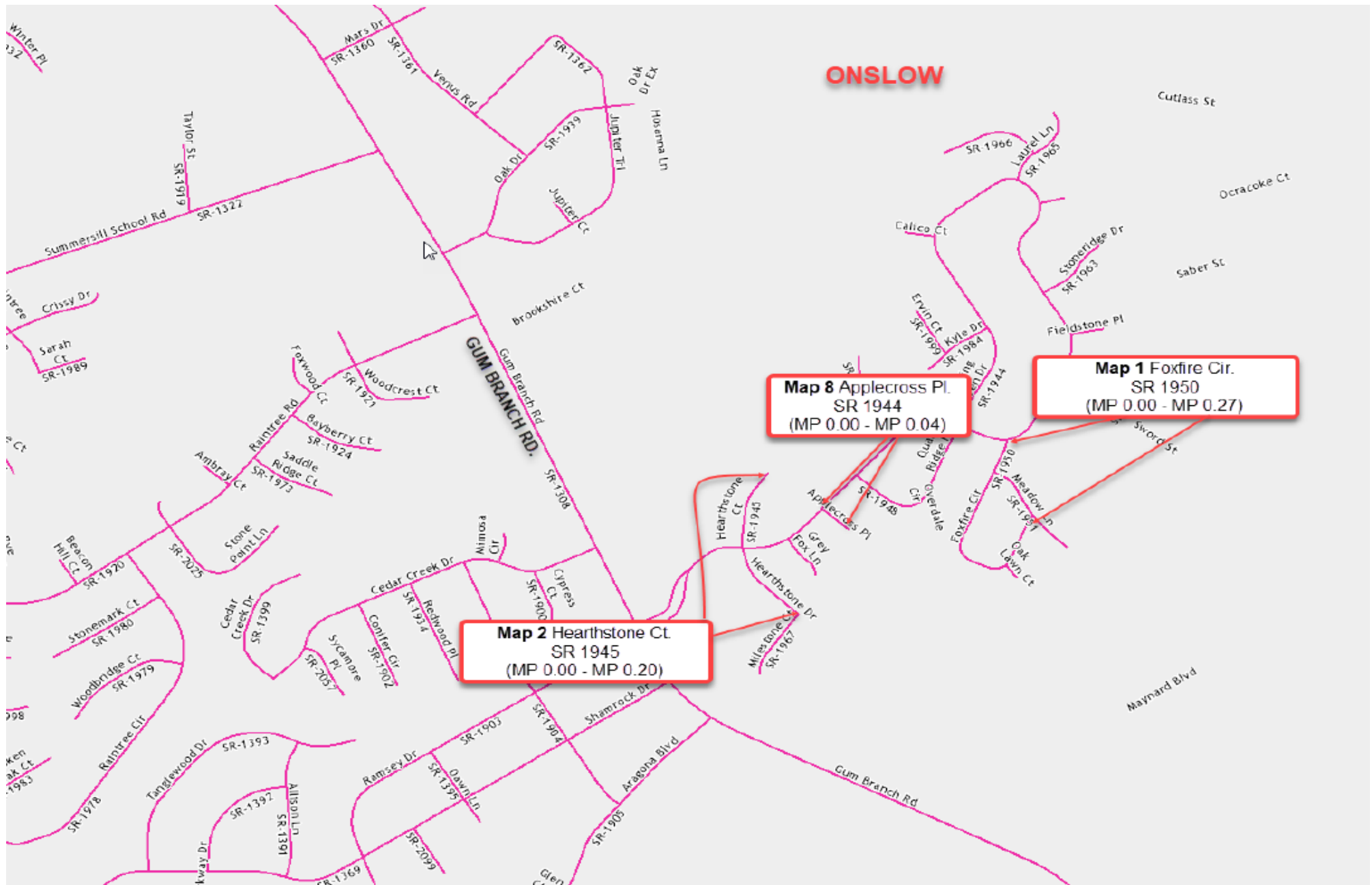
*****An Addendum has been added to Bid Express.**

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
5505 BARBADOS BOULEVARD
CASTLE HAYNE, NC 28429-5647

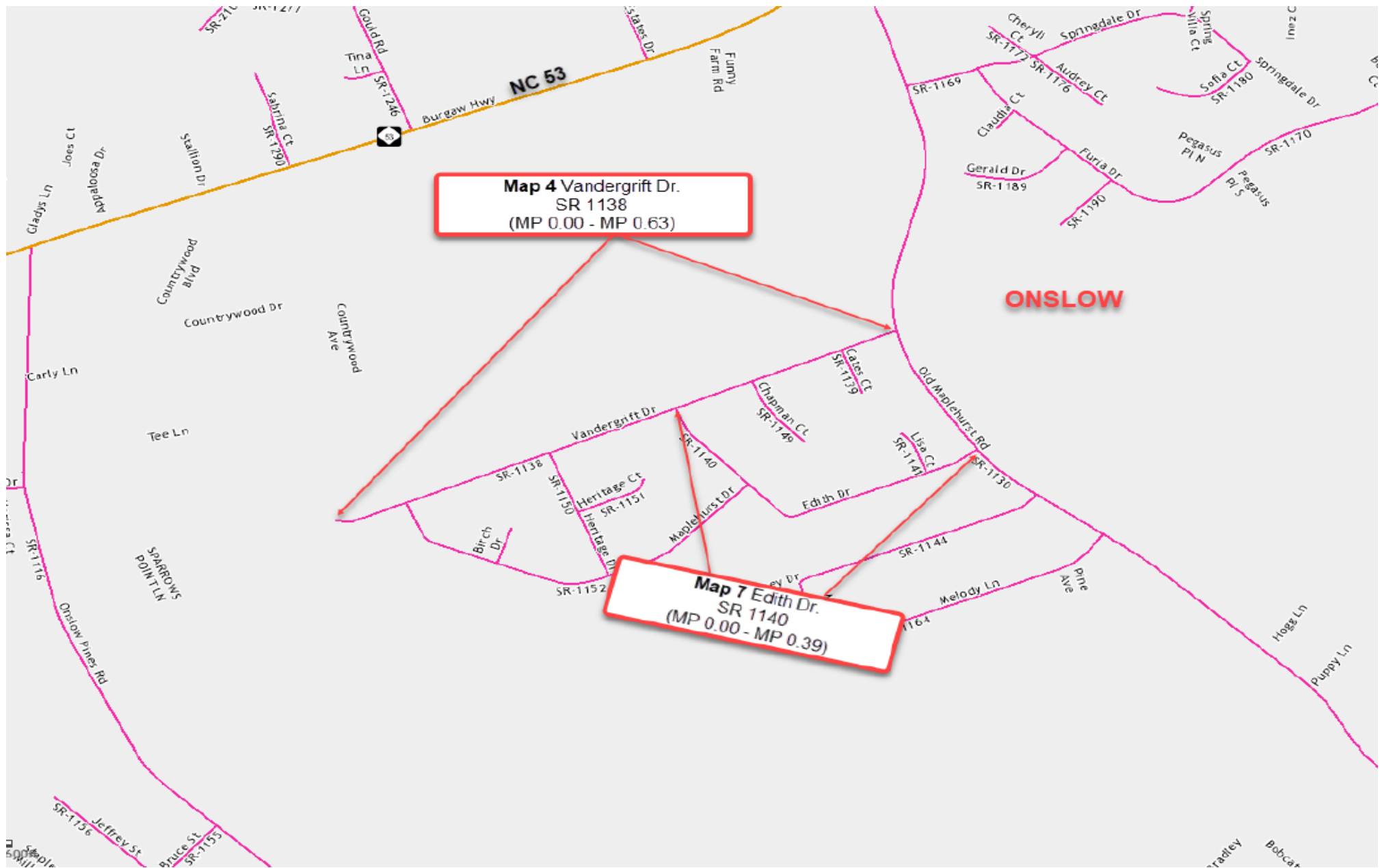
Telephone: (910) 341-2001
Fax: (910) 675-0143
Customer Service: 1-877-368-4968

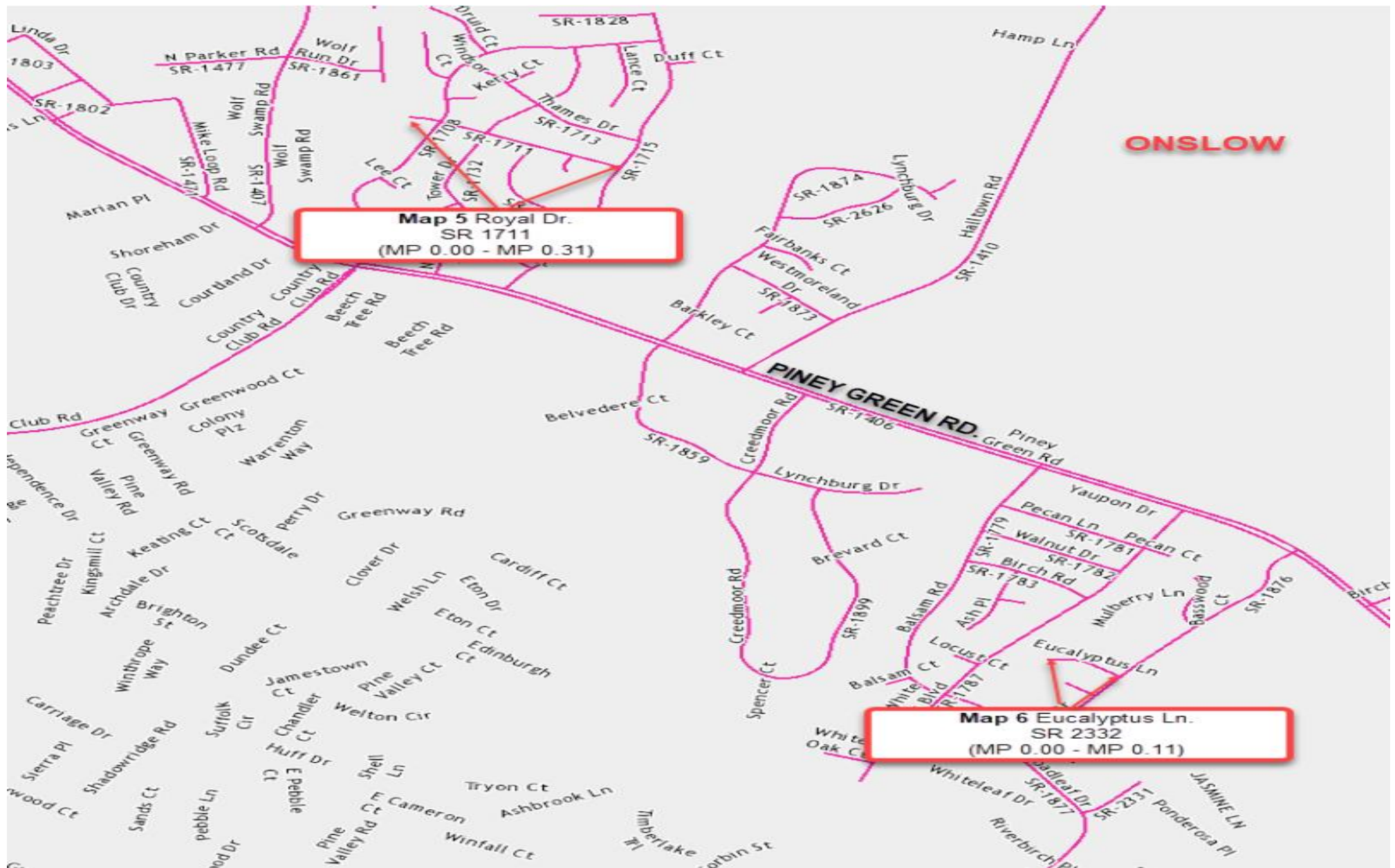
Website: www.ncdot.gov

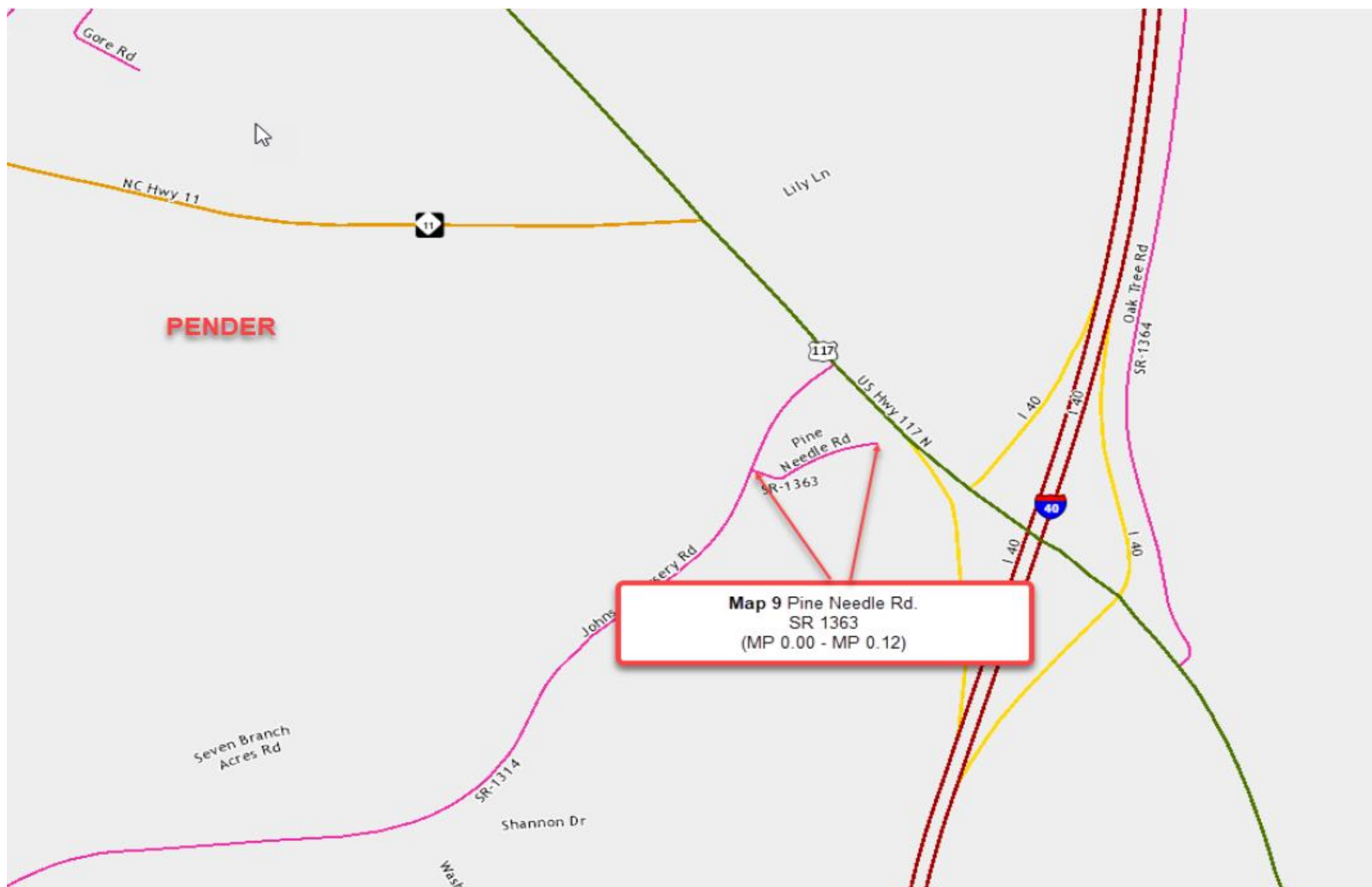
Location:
5505 BARBADOS BOULEVARD
CASTLE HAYNE, NC 28429-5647

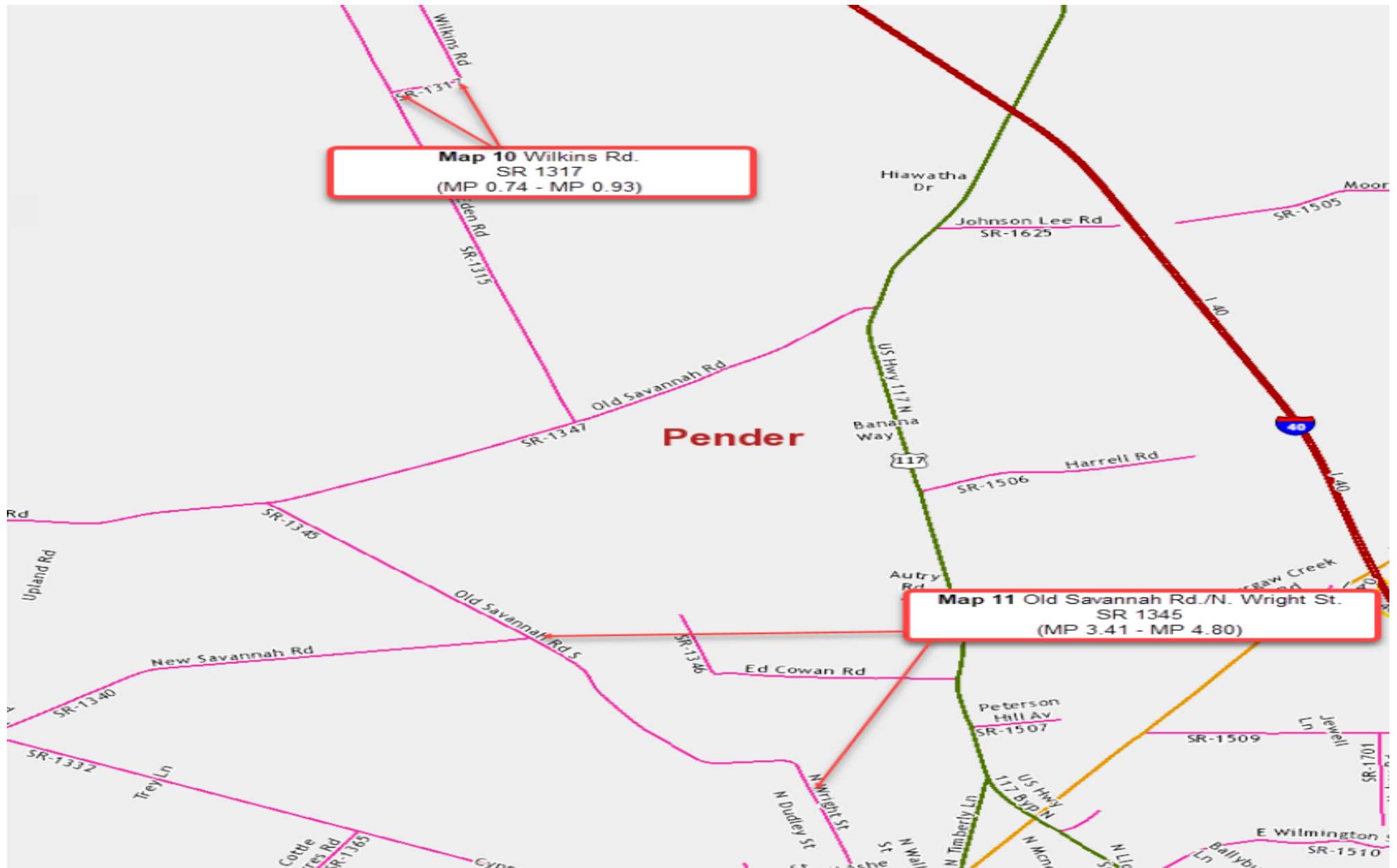


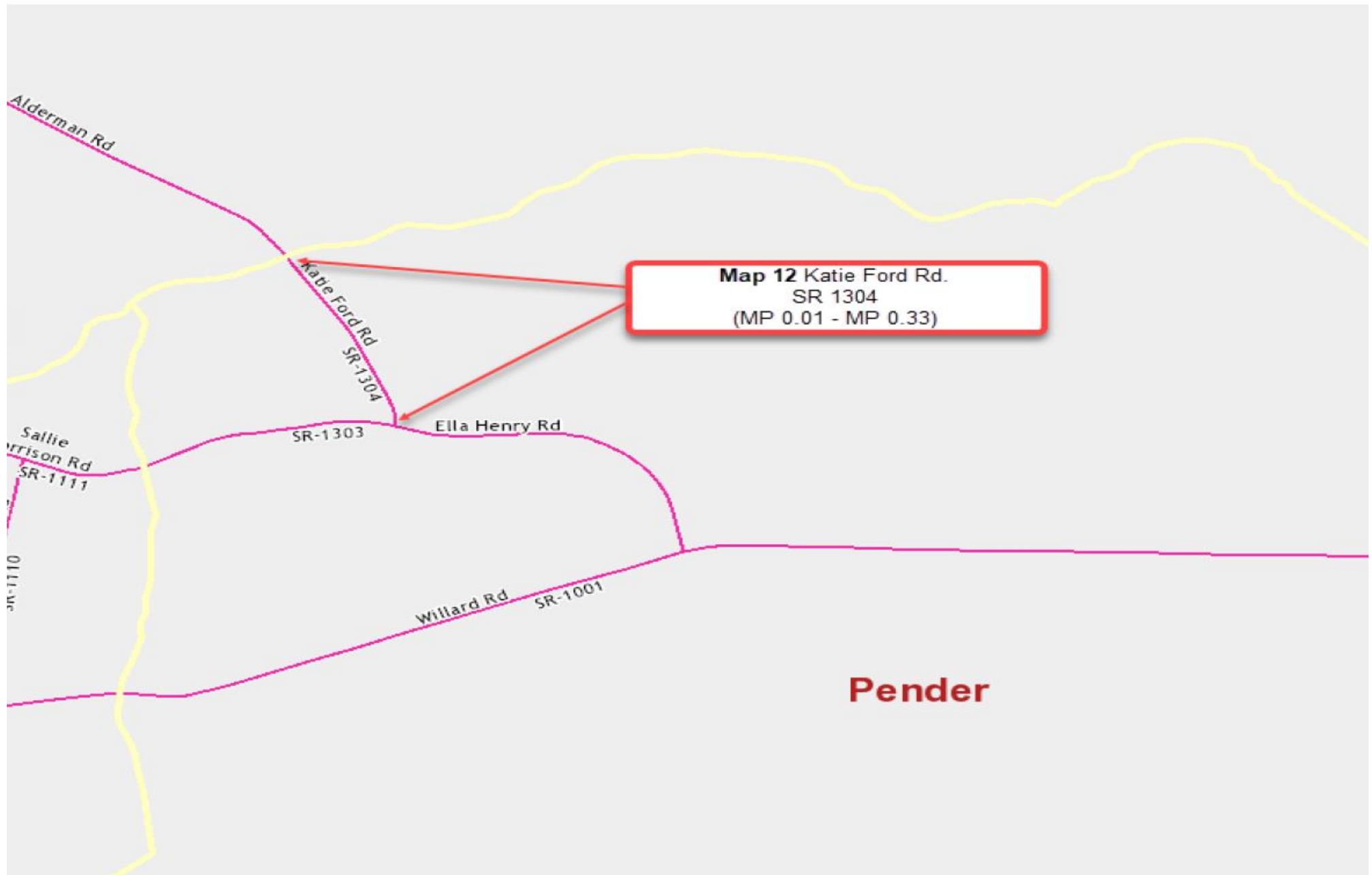










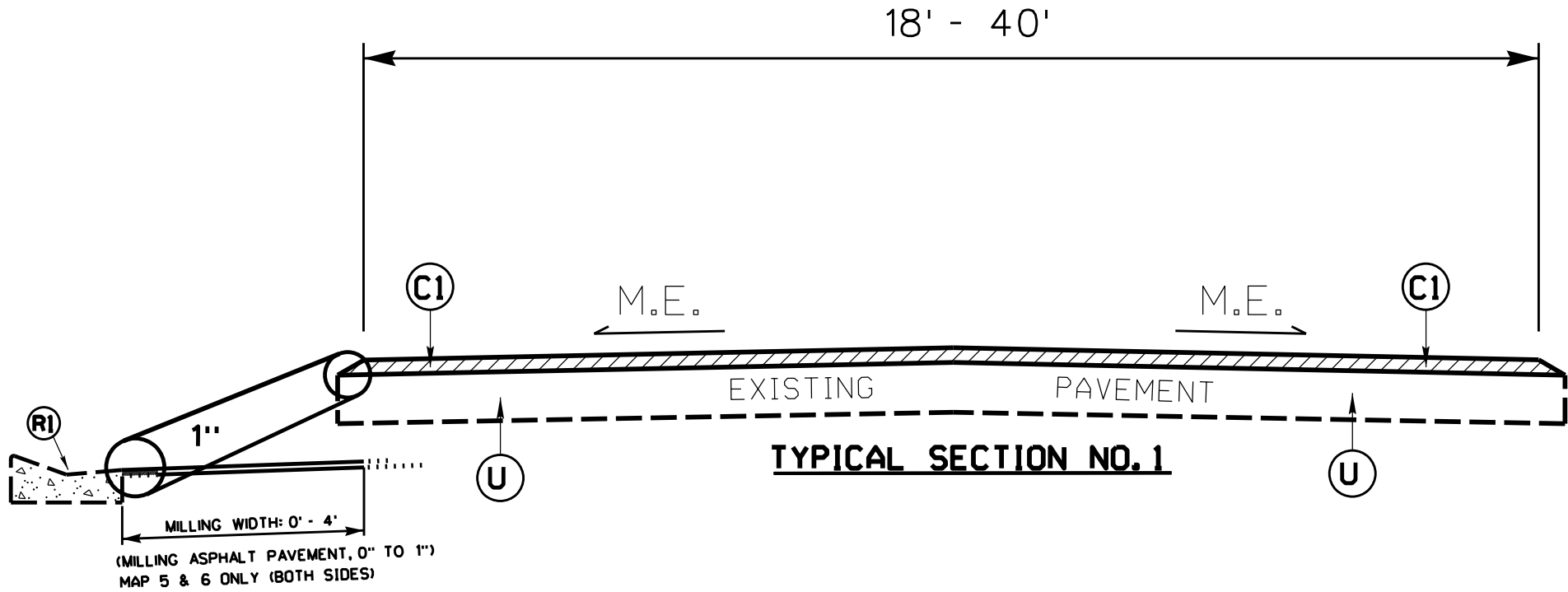


PAVEMENT SCHEDULE

C1	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110.0 LBS. PER SQ.YD.
C2	PROP. APPROX. ¾" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 82.5 LBS. PER SQ.YD.
R1	EXISTING CONCRETE VALLEY CURB
U	EXISTING PAVEMENT
V1	VARIABLE MILLING 0" TO 1" DEPTH

PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

NOTE: STATE FORCES WILL MARK SHORT OVERLAY LOCATIONS PRIOR TO RESURFACING.



- MAP NO. 1

SR 1950 (FOXFIRE CIR.)

MP 0.00 - MP 0.27
- MAP NO. 2

SR 1945 (HEARTHSTONE CT.)

MP 0.00 - MP 0.20
- MAP NO. 3

SR 1736 (CORNELL CT.)

MP 0.00 - MP 0.04
- MAP NO. 4

SR 1138 (VANDERGRIFT DR.)

MP 0.00 - MP 0.63
- VI MAP NO. 5

SR 1711 (ROYAL DR.)

MP 0.00 - MP 0.31
- VI MAP NO. 6

SR 2332 (EUCALYPTUS LN.)

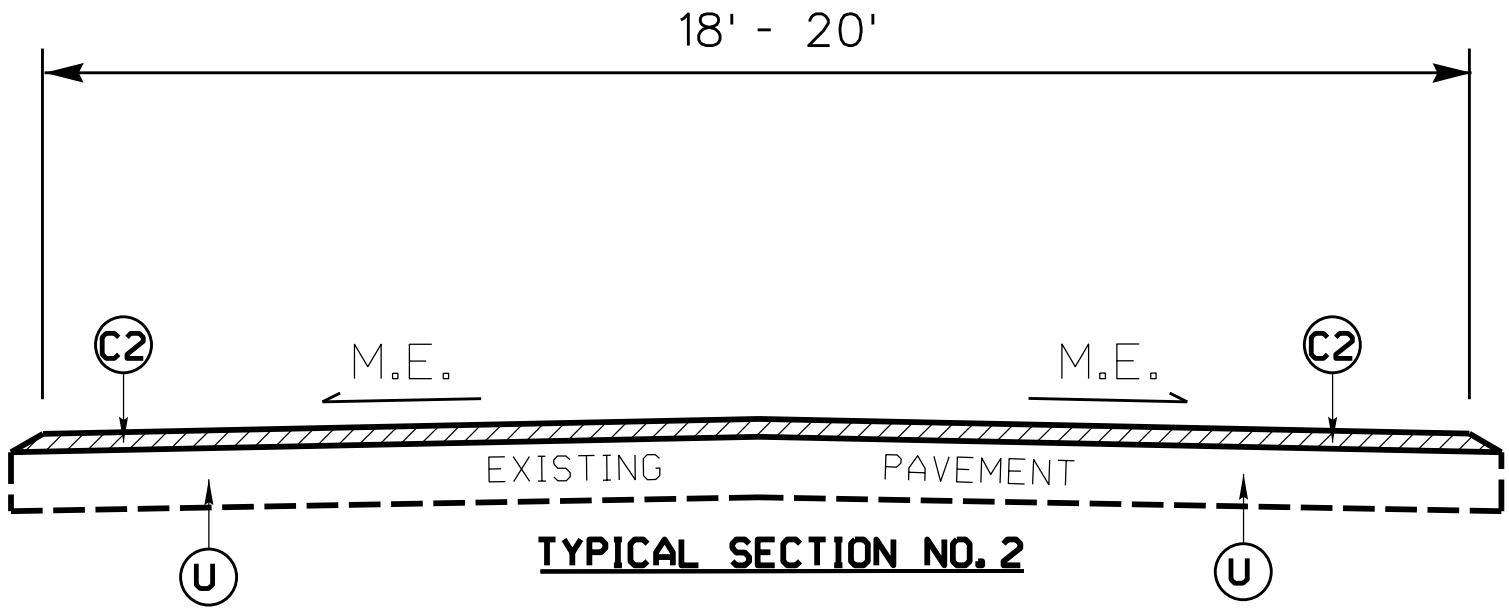
MP 0.00 - MP 0.11
- MAP NO. 7

SR 1140 (EDITH DR.)

MP 0.00 - MP 0.39
- MAP NO. 8

SR 1944 (APPLECROSS PL.)

MP 0.00 - MP 0.04



- MAP NO. 9

SR 1363 (PINE NEEDLE RD.)

MP 0.00 - MP 0.12
- MAP NO. 10

SR 1317 (WILKINS RD.)

MP 0.74 - MP 0.93
- MAP NO. 11

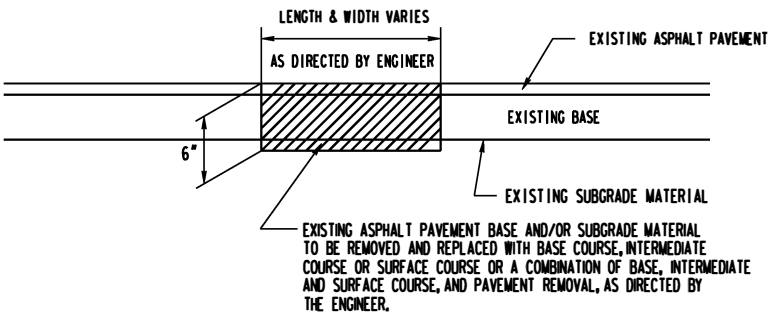
SR 1345 (OLD SAVANNAH RD./ N. WRIGHT ST.)

MP 3.41 - MP 4.80
- MAP NO. 12

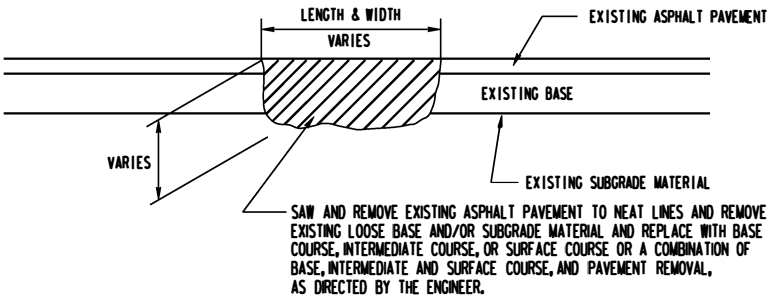
SR 1304 (KATIE FORD RD.)

MP 0.01 - MP 0.33

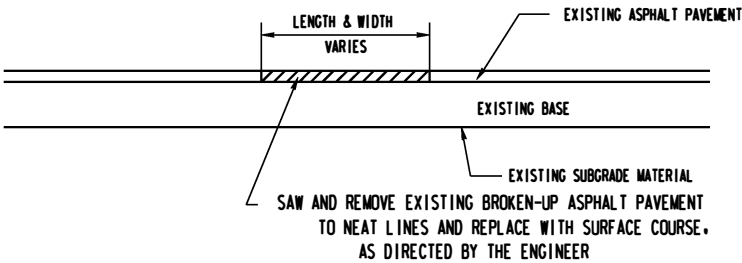
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



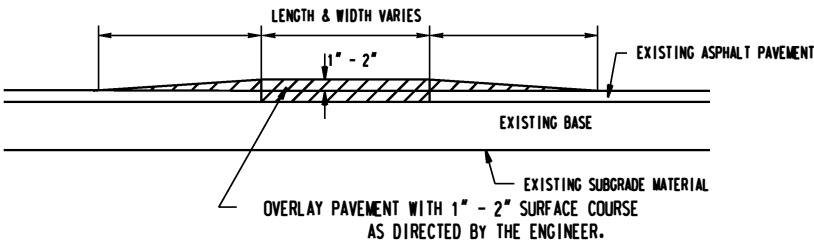
DETAIL NO. 1



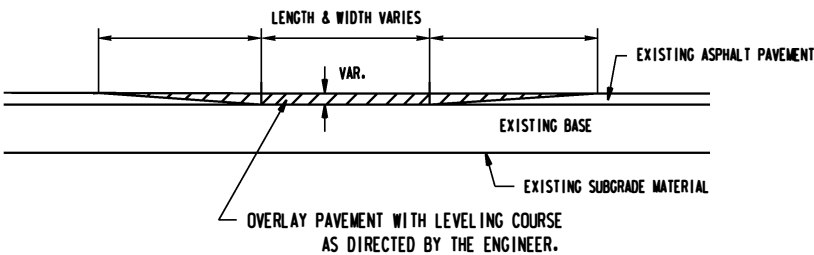
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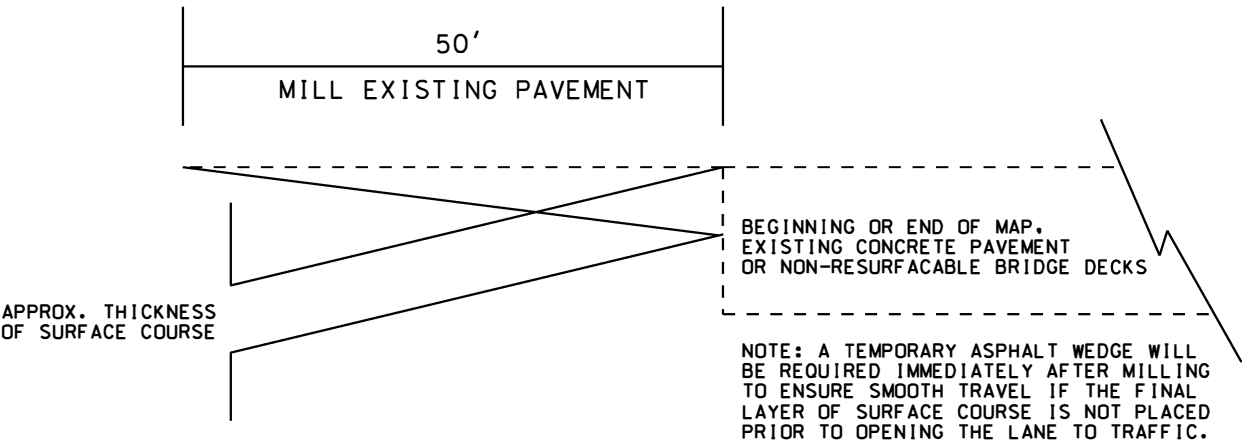
DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5



DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS:
MAY BE USED AT THE BEGINNING & END OF MAPS
AND AT APPROACH & TRAILING ENDS OF BRIDGES

PROJECT NO.	SHEET NO.
2022CPT.03.15.20672, Etc.	10

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	1308000000-E	1330000000-E	1519000000-E	1526000000-E	1575000000-E	1880000000-E	2830000000-N	2845000000-N	
												0" - 1.0" MILLING	INCIDENTAL MILLING	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5B SHORT OVERLAY	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX
										MI	FT	SY	SY	TON	TON	TON	TON	EA	EA	
2022CPT.03.15.20672	Onslow	1	SR 1950 (FOXFIRE CIRCLE)	FROM SR 1944 (HUNTING GREEN DR.) TO SR 1951 (MEADOW LN.) [MP 0.00 - MP 0.27]	1	2	2WU	NO	NO	0.27	26		11	233	10		16	20	5	
TOTAL FOR MAP NO. 1										0.27			11	233	10		16	20	5	
2022CPT.03.15.20672	Onslow	2	SR 1945 (HEARTHSTONE COURT)	FROM SR 1967 (MILESTONE CT.) TO CUL-DE-SAC [MP 0.00 - MP 0.20]	1	2	2WU	NO	NO	0.2	26		11	178	12		12	7	2	1
TOTAL FOR MAP NO. 2										0.2			11	178	12		12	7	2	1
2022CPT.03.15.20672	Onslow	3	SR 1736 (CORNELL COURT)	FROM SR 1735 (CORNELL DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	1	2	2WU	NO	NO	0.04	24		11	42			3	20		
TOTAL FOR MAP NO. 3										0.04			11	42			3	20		
2022CPT.03.15.20672	Onslow	4	SR 1138 (VANDERGRIFT DRIVE)	FROM SR 1750 (OLD MAPLEHURST RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.63]	1	2	2WU	NO	NO	0.63	20		11	418	28		29	15		2
TOTAL FOR MAP NO. 4										0.63			11	418	28		29	15		2
2022CPT.03.15.20672	Onslow	5	SR 1711 (ROYAL DRIVE)	FROM SR 1715 (REGALWOOD DR.) TO CUL-DE-SAC [MP 0.00 MP 0.31]	1	2	2WU	NO	NO	0.31	40	1,478	11	411	5		27	12	5	1
TOTAL FOR MAP NO. 5										0.31		1,478	11	411	5		27	12	5	1
2022CPT.03.15.20672	Onslow	6	SR 2332 (EUCALYPTUS LANE)	FROM SR 1876 (HEMLOCK DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.11]	1	2	2WU	NO	NO	0.11	18	537	11	74			5	5	3	2
TOTAL FOR MAP NO. 6										0.11		537	11	74			5	5	3	2
2022CPT.03.15.20672	Onslow	7	SR 1140 (EDITH DRIVE)	FROM SR 1130 (OLD MAPLEHURST RD.) TO SR 1138 (VANDERGRIFT DR.) [MP 0.00 - MP 0.39]	1	2	2WU	NO	NO	0.39	26		11	335			22	7		
TOTAL FOR MAP NO. 7										0.39			11	335			22	7		
2022CPT.03.15.20672	Onslow	8	SR 1944 (APPLECROSS PLACE)	FROM 1944 (HUNTING GREEN DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	1	2	2WU	NO	NO	0.04	26		11	61			4	2	1	
TOTAL FOR MAP NO. 8										0.04			11	61			4	2	1	
TOTAL FOR PROJ NO. 2022CPT.03.15.20672										1.99		2,015	88	1,752	55		118	88	16	6
														1,807						
2022CPT.03.15.20712	Pender	9	SR 1363 (PINE NEEDLE ROAD)	FROM SR 1314 (JOHNSON NURSERY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	2	2	2WU	NO	NO	0.12	18						72	5	40	
TOTAL FOR MAP NO. 9										0.12							72	5	40	
2022CPT.03.15.20712	Pender	10	SR 1317 (WILKINS ROAD)	FROM END OF MAINTENANCE TO SR 1315 (VAN EDEN RD.) [MP 0.74 - MP 0.93]	1	2	2WU	NO	NO	0.19	20						95	7	15	
TOTAL FOR MAP NO. 10										0.19							95	7	15	
2022CPT.03.15.20712	Pender	11	SR 1345 (OLD SAVANNAH ROAD/ NORTH WRIGHT STREET)	FROM SR 1340 (NEW SAVANNAH RD.) TO .12 MI. N. OF W. DRANE ST. [MP 3.41 - MP 4.80]	1	2	2WU	NO	NO	1.39	20						693	49	60	
TOTAL FOR MAP NO. 11										1.39							693	49	60	
2022CPT.03.15.20712	Pender	12	SR 1304 (KATIE FORD ROAD)	FROM SR 1303 (ELLA HENRY RD.) TO .02 MI S. OF DUPLIN CO. LINE [MP 0.01 - MP 0.33]	1	2	2WU	NO	NO	0.32	18						144	10	25	
TOTAL FOR MAP NO. 12										0.32							144	10	25	
TOTAL FOR PROJ NO. 2022CPT.03.15.20712										2.02							1,004	71	140	
GRAND TOTAL										4.01		2,015	88	1,752	55	1,004	189	228	16	6
														1,807						

PROJECT NO.	SHEET NO.
2022CPT.03.15.20672, Etc.	11

THERMOPLASTIC AND PAINT QUANTITIES

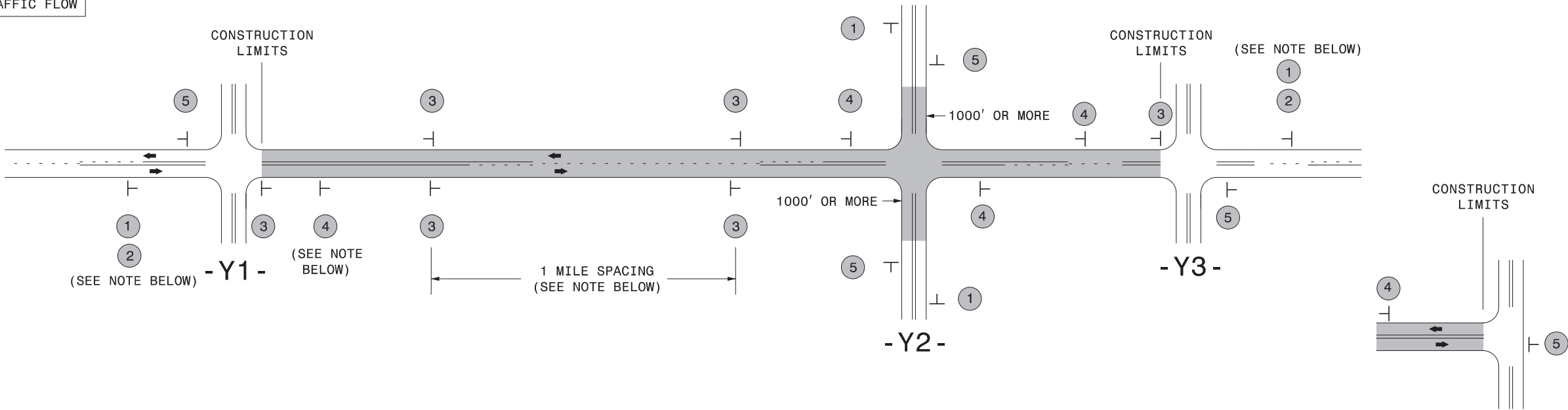
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE			4457000000-N	4810000000-E		4835000000-E	4840000000-N	4900000000-N
								LENGTH	WIDTH	TEMPORARY TRAFFIC CONTROL	4" WHITE PAINT	4" YELLOW PAINT	24" WHITE PAINT	PAINT MSG SCHOOL	YELLOW & YELLOW MARKERS
										LS	LF	LF	LF	EA	EA
2022CPT.03.15.20672	Onslow	1	SR 1950 (FOXFIRE CIRCLE)	FROM SR 1944 (HUNTING GREEN DR.) TO SR 1951 (MEADOW LN.) [MP 0.00 - MP 0.27]	1	2	2WU	0.27	26	0.07					
TOTAL FOR MAP NO. 1								0.27		0.07					
2022CPT.03.15.20672	Onslow	2	SR 1945 (HEARTHSTONE COURT)	FROM SR 1967 (MILESTONE CT.) TO CUL-DE-SAC [MP 0.00 - MP 0.20]	1	2	2WU	0.2	26	0.06			60		
TOTAL FOR MAP NO. 2								0.2		0.06			60		
2022CPT.03.15.20672	Onslow	3	SR 1736 (CORNELL COURT)	FROM SR 1735 (CORNELL DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	1	2	2WU	0.04	24	0.04			24		
TOTAL FOR MAP NO. 3								0.04		0.04			24		
2022CPT.03.15.20672	Onslow	4	SR 1138 (VANDERGRIFT DRIVE)	FROM SR 1750 (OLD MAPLEHURST RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.63]	1	2	2WU	0.63	20	0.12					
TOTAL FOR MAP NO. 4								0.63		0.12					
2022CPT.03.15.20672	Onslow	5	SR 1711 (ROYAL DRIVE)	FROM SR 1715 (REGALWOOD DR.) TO CUL-DE-SAC [MP 0.00 MP 0.31]	1	2	2WU	0.31	40	0.08					
TOTAL FOR MAP NO. 5								0.31		0.08					
2022CPT.03.15.20672	Onslow	6	SR 2332 (EUCALYPTUS LANE)	FROM SR 1876 (HEMLOCK DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.11]	1	2	2WU	0.11	18	0.05					
TOTAL FOR MAP NO. 6								0.11		0.05					
2022CPT.03.15.20672	Onslow	7	SR 1140 (EDITH DRIVE)	FROM SR 1130 (OLD MAPLEHURST RD.) TO SR 1138 (VANDERGRIFT DR.) [MP 0.00 - MP 0.39]	1	2	2WU	0.39	26	0.09					
TOTAL FOR MAP NO. 7								0.39		0.09					
2022CPT.03.15.20672	Onslow	8	SR 1944 (APPLECROSS PLACE)	FROM 1944 (HUNTING GREEN DR.) [MP 0.00 - MP 0.04]	1	2	2WU	0.04	26	0.04					
TOTAL FOR MAP NO. 8								0.04		0.04					
TOTAL FOR PROJ NO. 2022CPT.03.15.20672								1.99		0.55			84		
2022CPT.03.15.20712	Pender	9	SR 1363 (PINE NEEDLE ROAD)	FROM SR 1314 (JOHNSON NURSERY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	2	2	2WU	0.12	18	0.05					
TOTAL FOR MAP NO. 9								0.12		0.05					
2022CPT.03.15.20712	Pender	10	SR 1317 (WILKINS ROAD)	FROM END OF MAINTENANCE TO SR 1315 (VAN EDEN RD.) [MP 0.74 - MP 0.93]	1	2	2WU	0.19	20	0.06					
TOTAL FOR MAP NO. 10								0.19		0.06					
2022CPT.03.15.20712	Pender	11	SR 1345 (OLD SAVANNAH ROAD/ NORTH WRIGHT STREET)	FROM SR 1340 (NEW SAVANNAH RD.) TO .12 MI. N. OF W. DRANE ST. [MP 3.41 - MP 4.80]	1	2	2WU	1.39	20	0.25	29,357	24,692	130	12	243
TOTAL FOR MAP NO. 11								1.39		0.25	29,357	24,692	130	12	
2022CPT.03.15.20712	Pender	12	SR 1304 (KATIE FORD ROAD)	FROM SR 1303 (ELLA HENRY RD.) TO .02 MI S. OF DUPLIN CO. LINE [MP 0.01 - MP 0.33]	1	2	2WU	0.32	18	0.09	6,758	4,524			22
TOTAL FOR MAP NO. 12								0.32		0.09	6,758	4,524			22
TOTAL FOR PROJ NO. 2022CPT.03.15.20712								2.02		0.45	36,115	29,216	130	12	265
											65,331				
GRAND TOTAL								4.01		1.00	36,115	29,216	214	12	265
											65,331				

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #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)	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.
	3 LOW/SOFT SHOULDER 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 ROAD UNDER CONST 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.	
	5 END ROAD WORK 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.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	

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 WARNINGS SIGNS.
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DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA WORK ZONE TRAFFIC CONTROL	ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING
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