WBS NO: 2025CPT.03.04.10711, ETC.

CONTRACT: DC00464

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

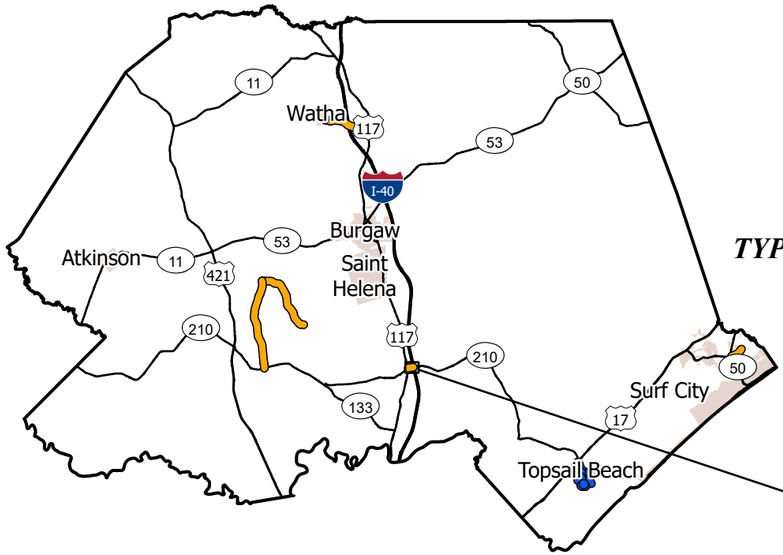
PENDER COUNTY

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.04.10711, ETC.	1

STATE PROJECT NUMBER	DESCRIPTION

TYPE OF WORK: RESURFACING & PRESERVATION

- Preservation
- Resurfacing
- Division 3 Bridges



MAP	ROUTE	Description	TYPE
1	NC-210	NC HWY 210 FROM I-40 OVERPASS BRIDGE TO US HWY 117 [MP 28.70 - MP 28.97]	Resurfacing

PROJECT LENGTH

MAP	MILES
1	0.27

Prepared in the Office of:

DIVISION OF HIGHWAYS

5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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CONTRACT: DC00464 WBS NO: 2025CPT.03.04.10711, ETC.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

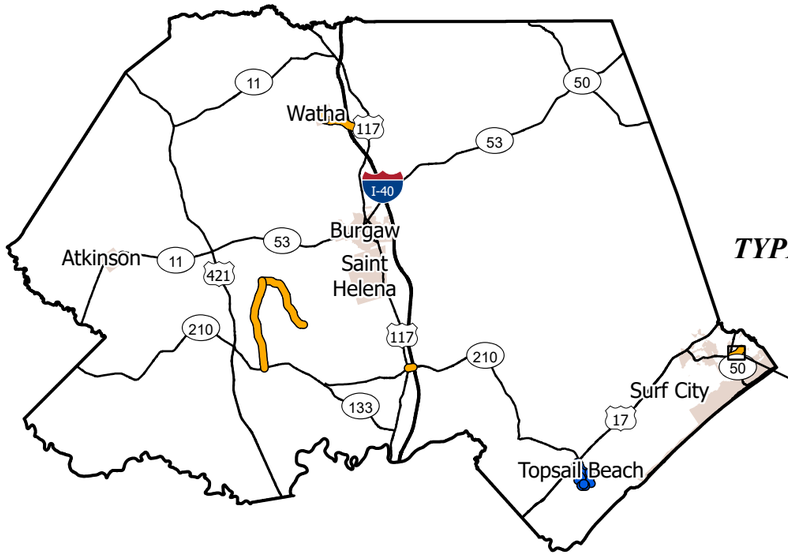
PENDER COUNTY

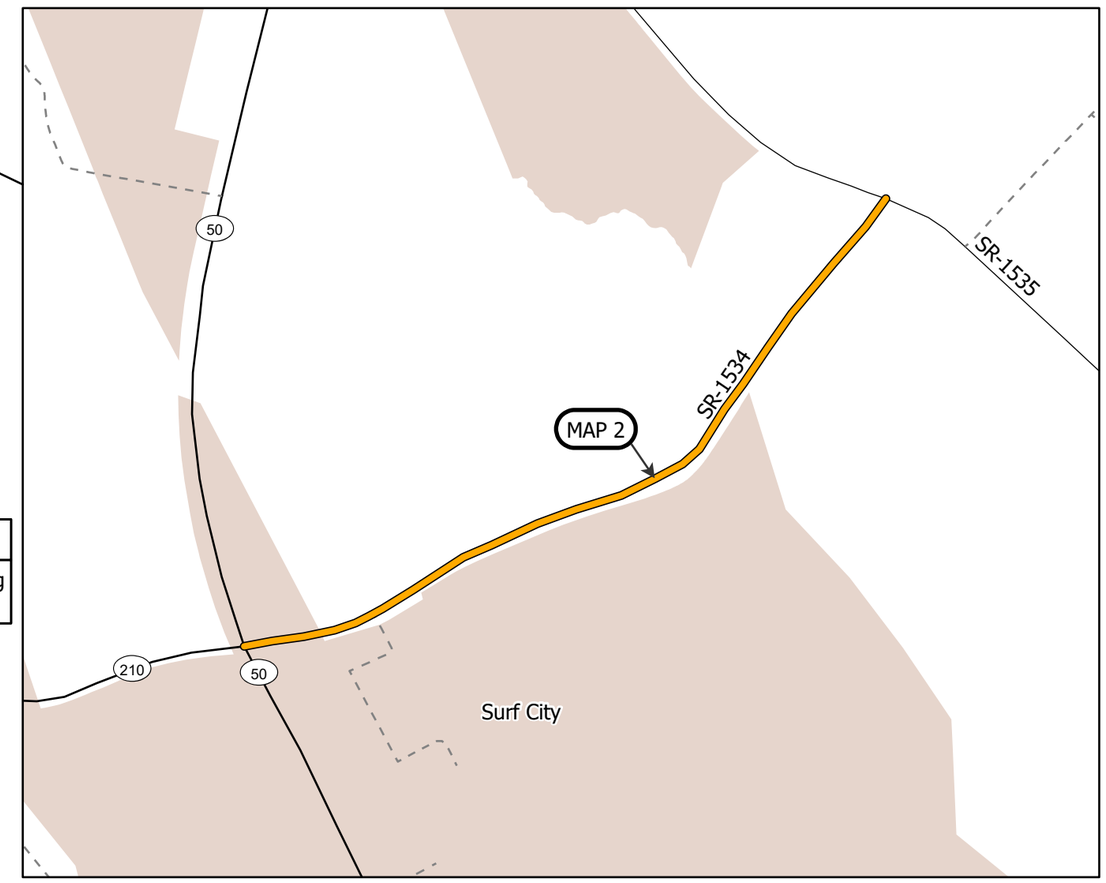
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.04.10711, ETC.	2

STATE PROJECT NUMBER	DESCRIPTION

TYPE OF WORK: RESURFACING & PRESERVATION

- Preservation
- Resurfacing
- Division 3 Bridges





MAP	ROUTE	Description	TYPE
2	SR-1534 / BELT RD	FROM NC HWY 50 TO SR 1535 (OLD LANDING RD) [MP 0.00 - MP 0.70]	Resurfacing

PROJECT LENGTH

MAP	MILES
2	0.70

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CONTRACT: DC00464

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

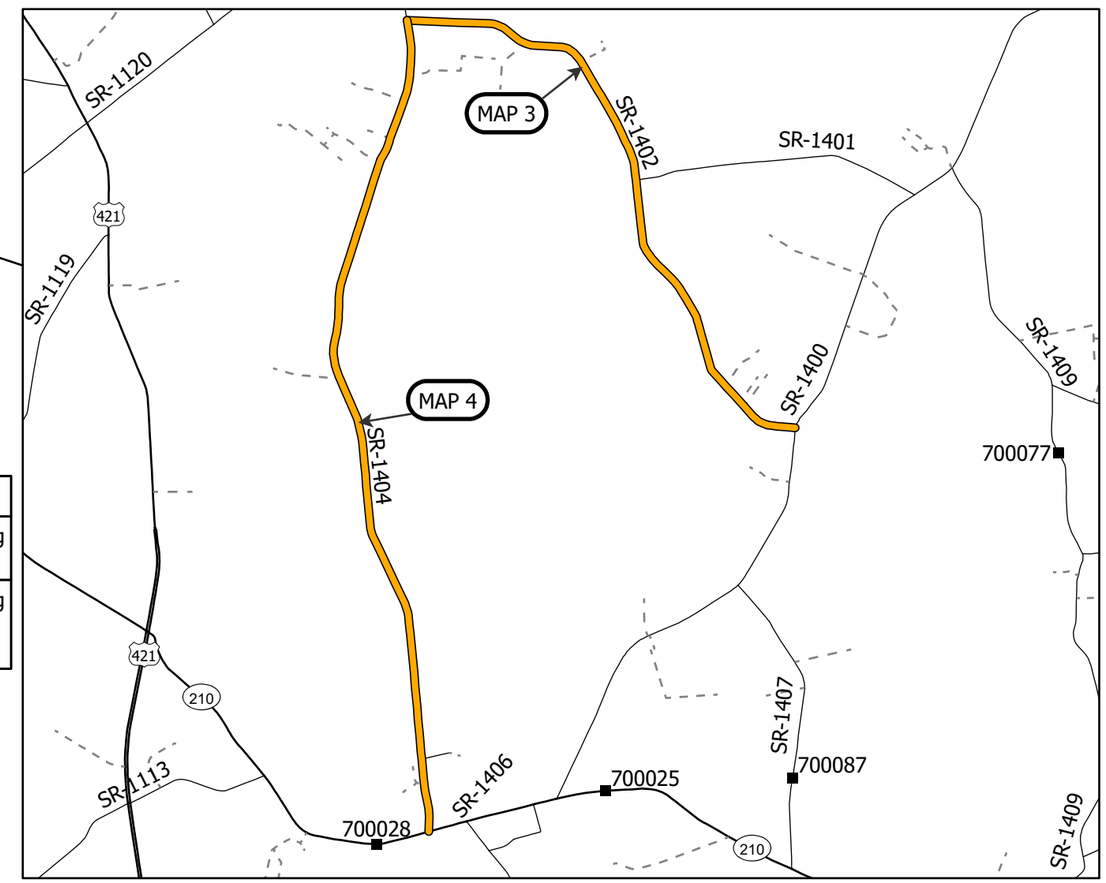
PENDER COUNTY

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.04.10711, ETC.	3

STATE PROJECT NUMBER	DESCRIPTION

TYPE OF WORK: RESURFACING & PRESERVATION

Preservation
Resurfacing
Division 3 Bridges



MAP	ROUTE	Description	TYPE
3	SR-1402 / FENNELL TOWN RD	FROM SR 1400 (HIGHSMITH RD) TO SR 1404 (HERRINGS CHAPEL RD) [MP 0.00 - MP 3.60]	Resurfacing
4	SR-1404 / HERRINGS CHAPEL RD	FROM NC HWY 210 TO SR 1402 (FENNELL TOWN RD) [MP 0.00 - MP 5.00]	Resurfacing

PROJECT LENGTH

MAP	MILES
3	3.60
4	5.00

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5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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WBS NO: 2025CPT.03.04.10711, ETC.

CONTRACT: DC00464

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

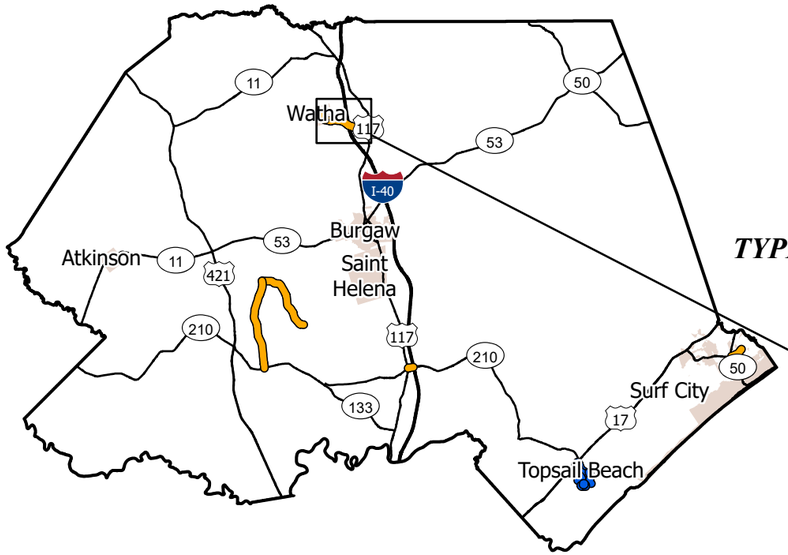
PENDER COUNTY

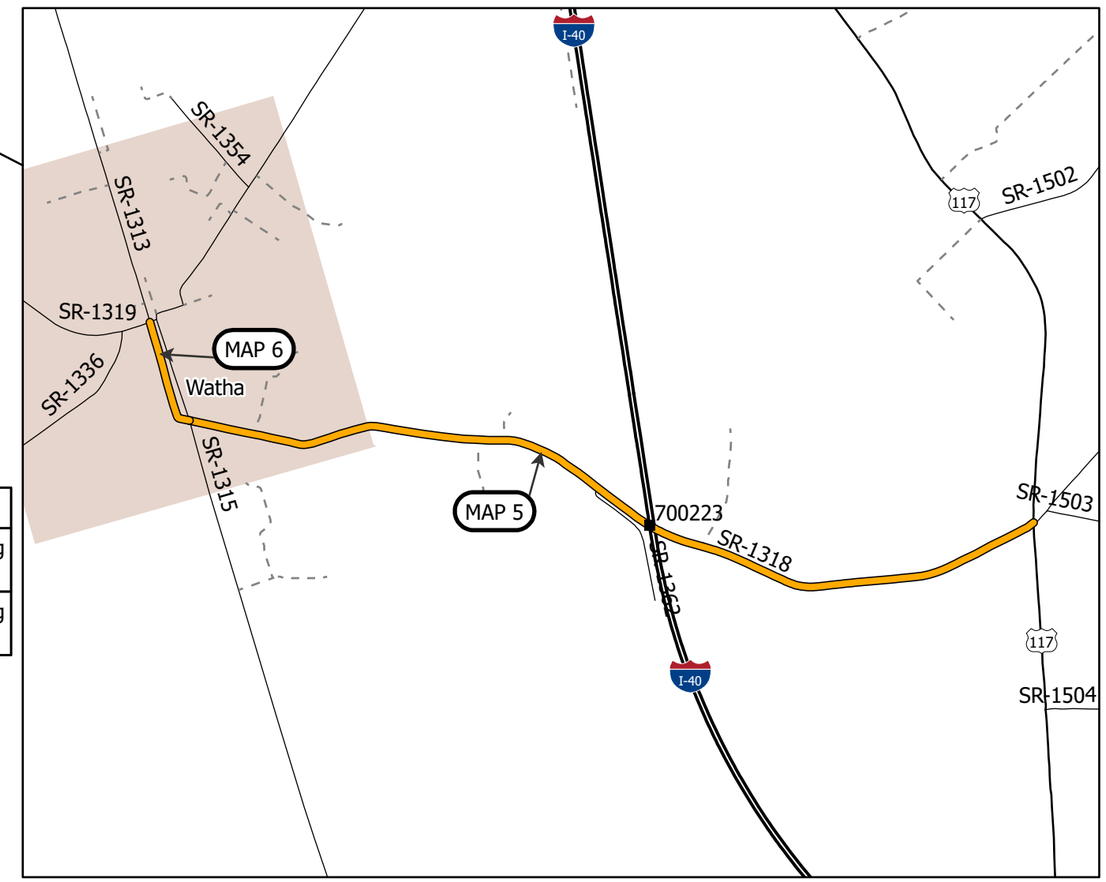
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.04.10711, ETC.	4

STATE PROJECT NUMBER	DESCRIPTION

TYPE OF WORK: RESURFACING & PRESERVATION

- Preservation
- Resurfacing
- Division 3 Bridges





MAP	ROUTE	Description	TYPE
5	SR-1318 / CAMP KIRKWOOD RD	FROM US HWY 117 TO SR 1313 (WATHA RD) [MP 6.60 - MP 9.15]	Resurfacing
6	SR-1313 / WATHA RD	FROM SR 1319 (MARY SLOCUM RD SW) TO SR 1315 (VAN EDEN RD) [MP 3.50 - MP 3.80]	Resurfacing

PROJECT LENGTH

MAP	MILES
5	2.55
6	0.30

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WBS NO: 2025CPT.03.04.10711, ETC.

CONTRACT: DC00464

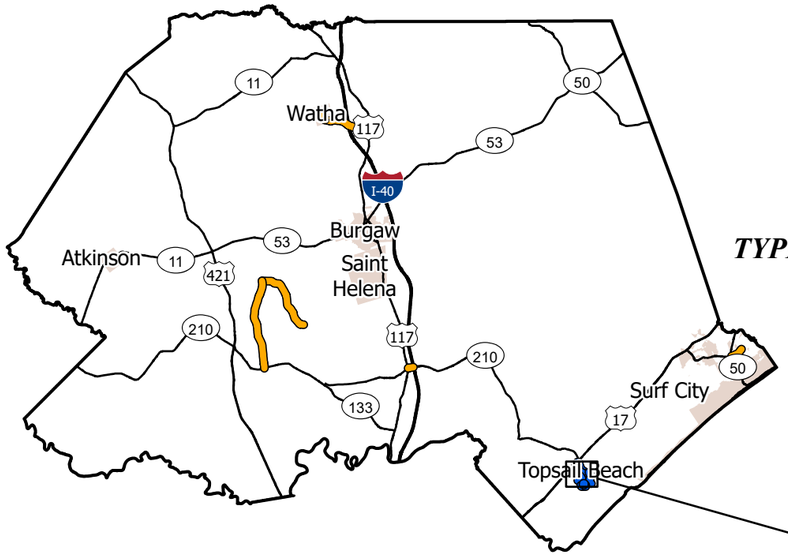
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PENDER COUNTY

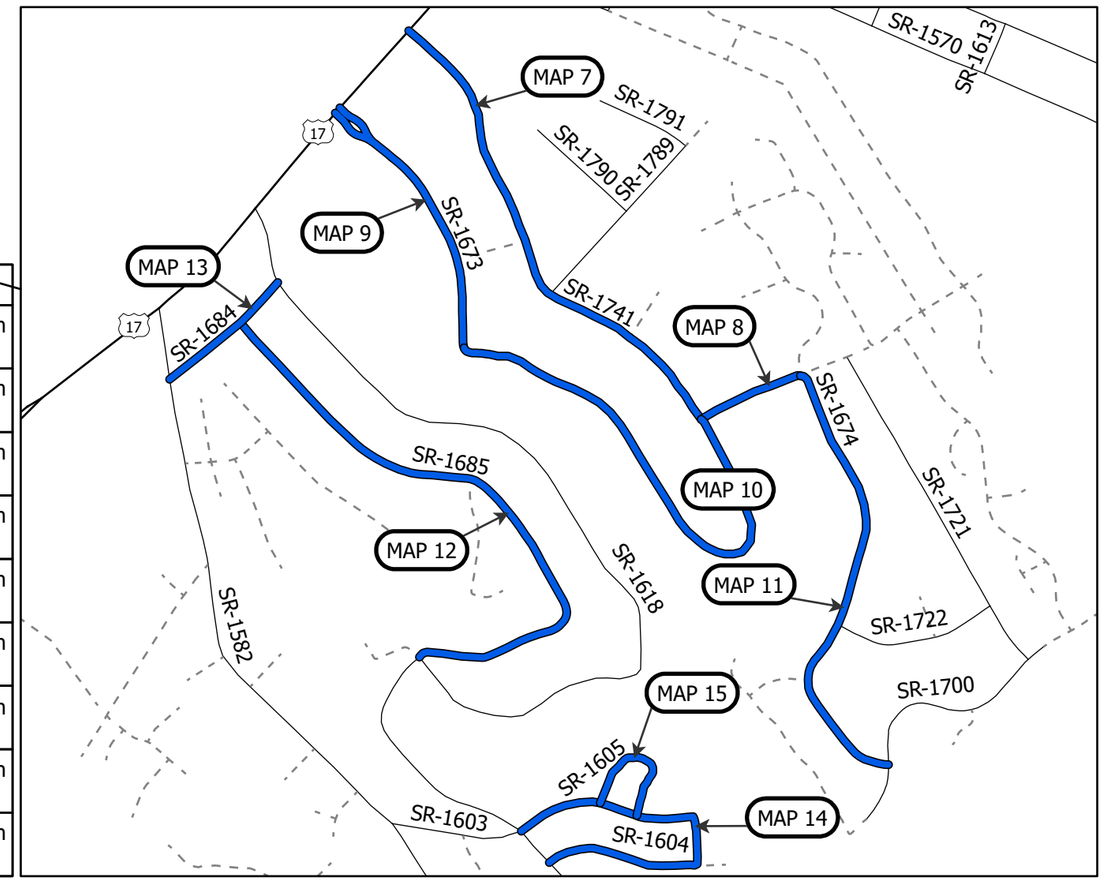
STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2025CPT.03.04.10711, ETC.	5

STATE PROJECT NUMBER	DESCRIPTION

TYPE OF WORK: RESURFACING & PRESERVATION



Preservation
Resurfacing
Division 3 Bridges



MAP	ROUTE	Description	TYPE
7	SR-1741 / HEADWATERS DR	FROM US HWY 17 N TO SR SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.82]	Preservation
8	SR-1674 / OVERLOOK DR	FROM SR 1741 (HEADWATERS DR) TO SR 1674 (E. CREEKVIEW DR) [MP 0.84 - MP 1.02]	Preservation
9	SR-1673 / DEERFIELD DR	FROM US HWY 17 N TO SR 1674 (CREEKVIEW DR) [MP 0.00 - MP 0.46]	Preservation
10	SR-1674 / CREEKVIEW DR	FROM SR 1673 (DEERFIELD DR) TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.84]	Preservation
11	SR-1674 / E CREEKVIEW DR	FROM SR 1674 (OVERLOOK DR) TO SR 1700 (GREAT OAK DR) [MP 1.02 - MP 1.76]	Preservation
12	SR-1685 / CENTER DR	FROM SR 1684 (CENTER DR) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 1.02]	Preservation
13	SR-1684 / NE CENTER DR	FROM SR 1582 (WASHINGTON ACRES DR) TO SR 1618 (HUGHES RD) [MP 0.00 - MP 0.24]	Preservation
14	SR-1604 / CIRCLE DR	FROM SR 1603 (HUGHES RD) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 0.62]	Preservation
15	SR-1605 / SOUND VIEW DR	FROM SR 1604 (CIRCLE DR) TO SR 1604 (CIRCLE DR) [MP 0.00 - MP 0.22]	Preservation

PROJECT LENGTH

MAP	MILES
7	0.82
8	0.18
9	0.46

MAP	MILES
10	0.84
11	0.74
12	1.02

MAP	MILES
13	0.24
14	0.62
15	0.22

Prepared in the Office of:

DIVISION OF HIGHWAYS

5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

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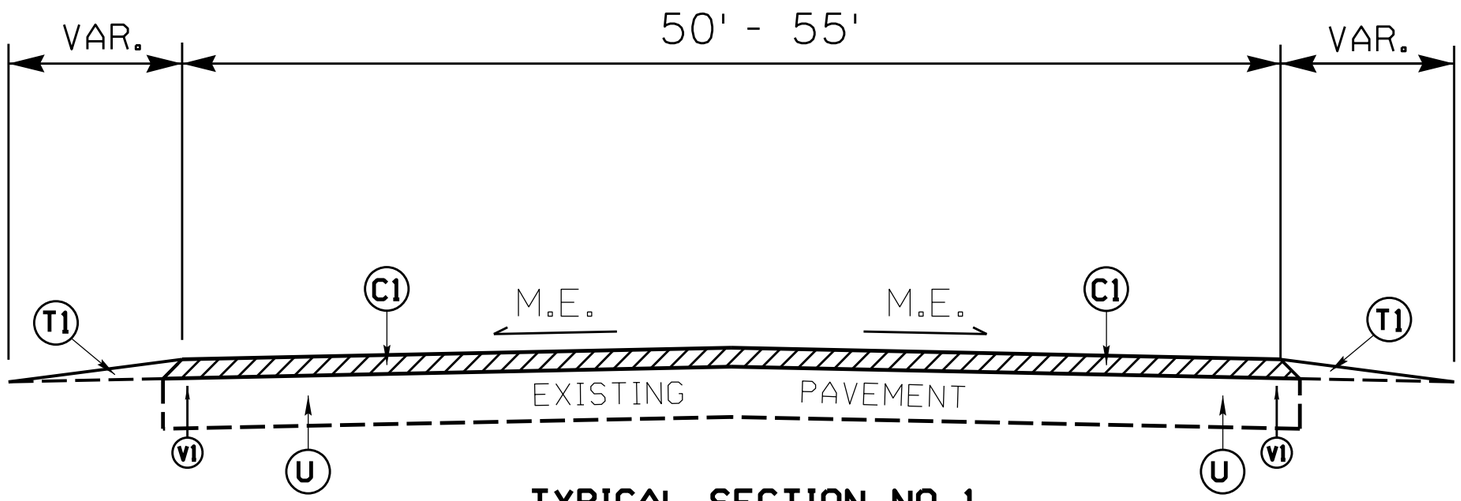
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



TYPICAL SECTION NO. 1

MAP NO. 1
NC HWY. 210
MP 28.70 - MP 28.97

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C3	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	VARIABLE MILLING Ø" - 1 ½"
V2	MILLING ASPHALT PAVEMENT 1"
V3	MILLING ASPHALT PAVEMENT 1 ½"

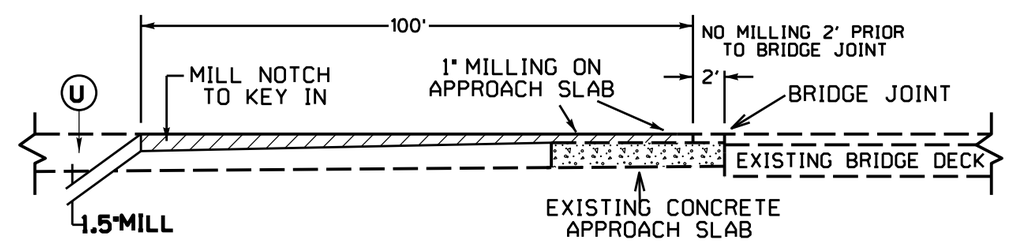
NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

SHOULDER WORK ON MAP NO. 1 - 6 AS NEEDED, TO BE DETERMINED BY ENGINEER.

NO GRINDING SHALL BE PERMITTED ON CONCRETE BRIDGE DECKS FOR PENDER BRIDGES #0222 & #0223

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

INCIDENTAL MILLING DETAIL FOR BRIDGE APPROACHES



MAP 1: BRIDGE #0222 - NC HWY. 210

MAP 5: BRIDGE #0223 - SR 1318 (CAMP KIRKWOOD RD.)

REVISIONS

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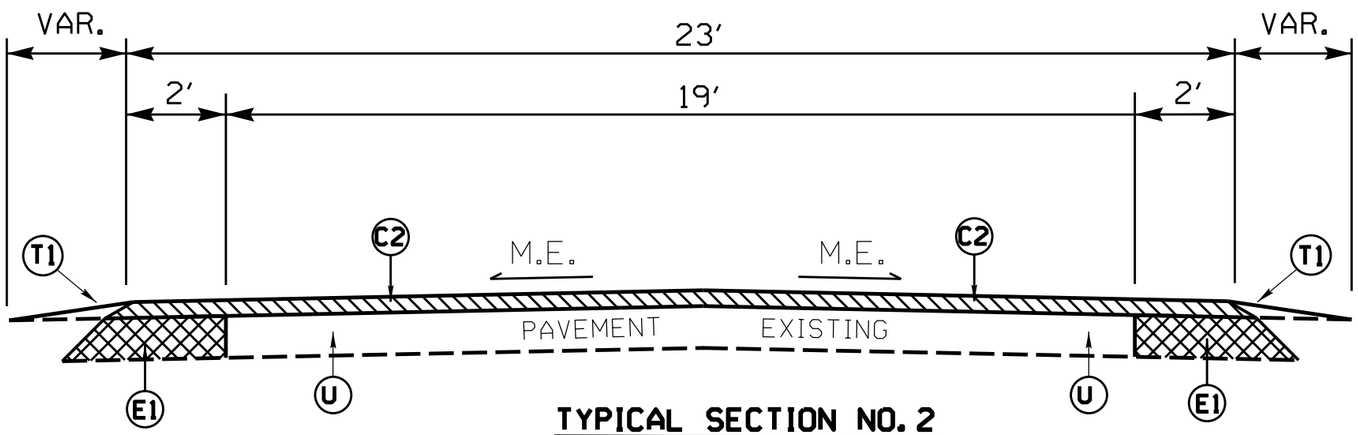
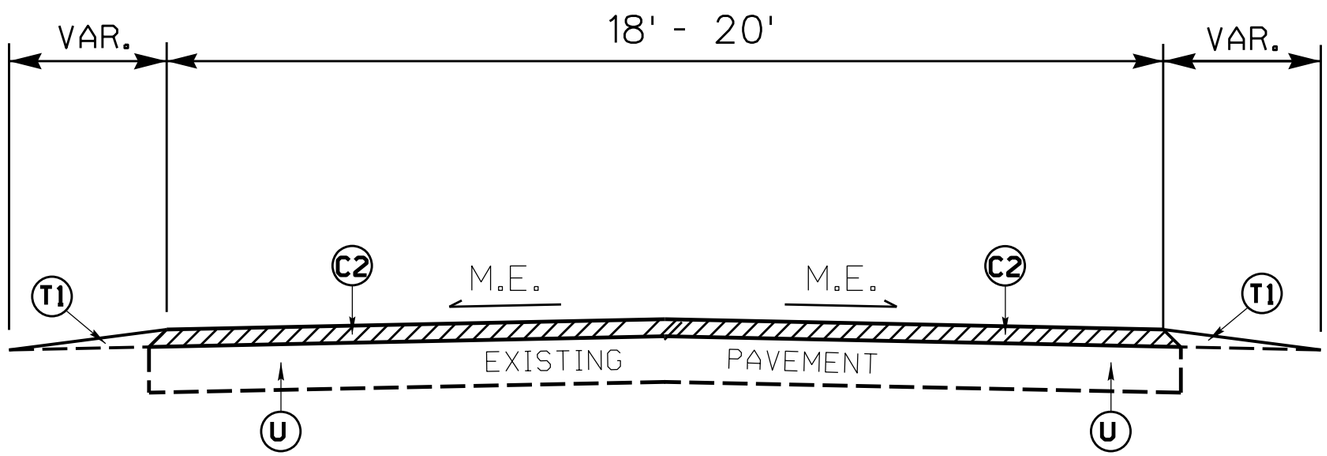
$$$$$$$USERNAME$$$$



TYPICAL SECTION NO. 2

MAP NO. 2
SR 1534 (BELT RD.)
MP 0.00 - MP 0.70



TYPICAL SECTION NO. 3

MAP NO. 3
SR 1402 (FENNEL TOWN RD.)
MP 0.00 - MP 3.60

MAP NO. 4
SR 1404 (HERRINGS CHAPEL RD.)
MP 0.00 - MP 5.00
V3 MP 0.42 - MP 0.60 FRIS MILLNG

MAP NO. 5
SR 1318 (CAMP KIRKWOOD RD.)
MP 6.60 - MP 9.15

MAP NO. 6
SR 1313 (WATHA RD.)
MP 3.50 - MP 3.80

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
E1	PROP. APPROX. 5" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ.YD.
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V3	MILLING ASPHALT PAVEMENT 1 ½"

NOTES: **SHOULDER WORK ON MAP NO. 1 - 6 AS NEEDED, TO BE DETERMINED BY ENGINEER.**

MAP NO. 2: THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS AND RESTRIPE WITH 2' PAVED SHOULDERS.

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

MAP 4 - SR 1404 (HERRINGS CHAPEL RD.)
SPIRAL WIDENING LOCATIONS

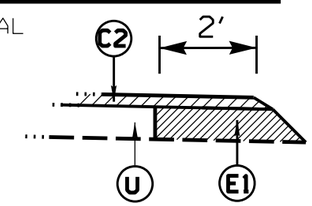
	MILEPOST					MIX TYPE (TONS)	
	START	END	LENGTH (LF)	WIDTH (FT)	SYD	B 25.0	S 9.5B
LT	0.05	0.15	528	2	117.33	35	7
LT	1.29	1.39	528	2	117.33	35	7
RT	1.82	1.88	316.8	2	70.40	21	4
LT	2.40	2.56	844.8	2	187.73	56	12
RT	2.85	2.99	739.2	2	164.27	49	10
LT	3.10	3.18	422.4	2	93.87	28	6
RT	3.27	3.41	739.2	2	164.27	49	10
RT	4.14	4.18	211.2	2	46.93	14	3
LT	4.60	4.70	528	2	117.33	35	7
LT	4.80	4.90	528	2	117.33	35	7
TOTALS:			5386		1197	358	76

MAP 5 - SR 1318 (CAMP KIRKWOOD RD.)
SPIRAL WIDENING LOCATIONS

	MILEPOST					MIX TYPE (TONS)	
	START	END	LENGTH (LF)	WIDTH (FT)	SYD	B 25.0	S 9.5B
LT	8.58	8.70	633.6	2	140.80	42	9
RT	7.22	7.34	633.6	2	140.80	42	9
TOTALS:			1267		282	84	18

NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

SPIRAL WIDENING DETAIL



REVISIONS

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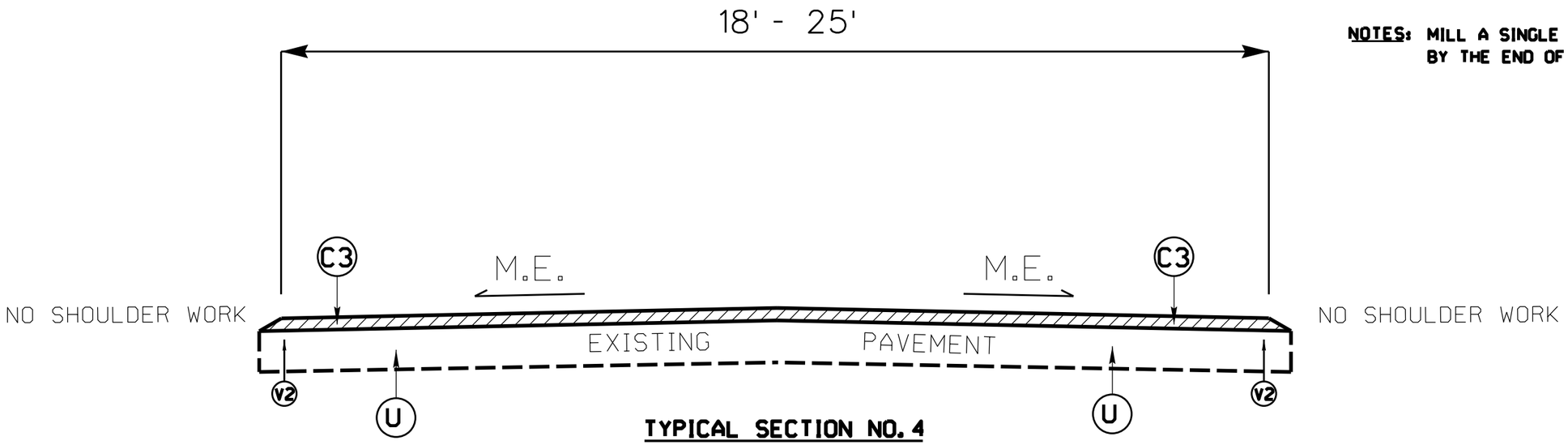
PAVEMENT SCHEDULE	
C3	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
U	EXISTING PAVEMENT
V2	MILLING ASPHALT PAVEMENT 1"

NOTES: MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.



TYPICAL SECTION NO. 4

MAP NO. 7
SR 1741 (HEADWATERS DR.)
MP 0.00 - MP 0.82
V2 MP 0.0125 - MP 0.0350

MAP NO. 8
SR 1674 (OVERLOOK DR.)
MP 0.84 - MP 1.02

MAP NO. 9
SR 1673 (DEERFIELD DR.)
MP 0.00 - MP 0.46

MAP NO.10
SR 1674 (CREEKVIEW DR.)
MP 0.00 - MP 0.84

MAP NO. 11
SR 1674 (E. CREEKVIEW DR.)
MP 1.02 - MP 1.76

MAP NO. 12
SR 1685 (CENTER DR.)
MP 0.00 - MP 1.02

MAP NO. 13
SR 1684 (NE CENTER DR.)
MP 0.00 - MP 0.24

MAP NO. 14
SR 1604 (CIRCLE DR.)
MP 0.00 - MP 0.62

MAP NO. 15
SR 1605 (SOUND VIEW DR.)
MP 0.00 - MP 0.22

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$$$$$USERNAME$$$$

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

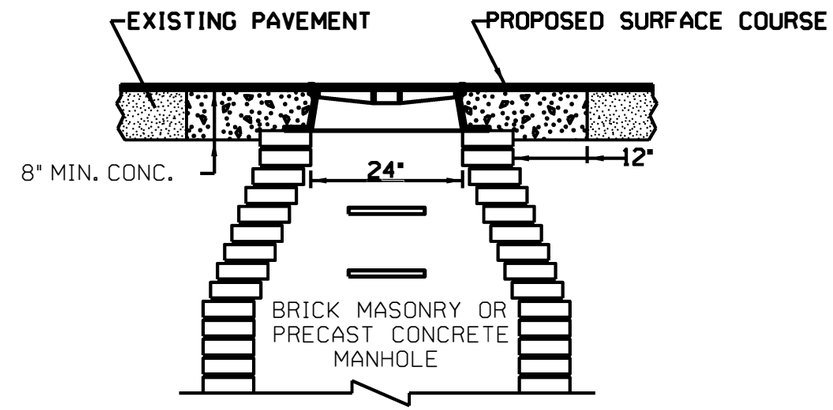
ENGLISH DETAIL DRAWING FOR

MANHOLE AND VALVE BOX ADJUSTMENTS

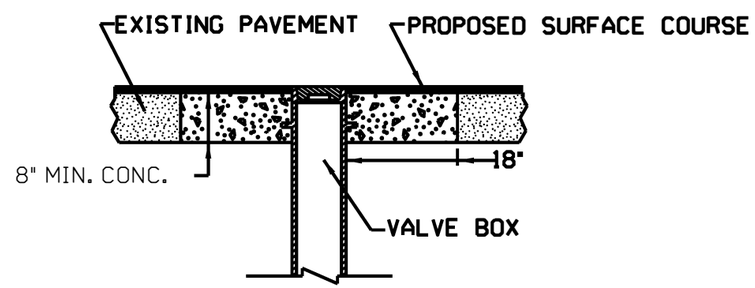
SHEET 1 OF
840D55

GENERAL NOTES:

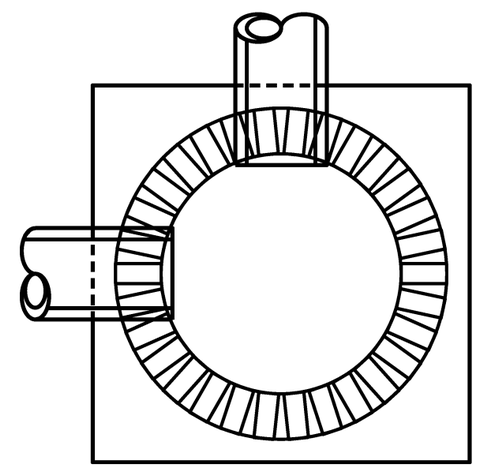
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS ½" +/- ⅛"
7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2024 STANDARD SPECIFICATIONS.



MANHOLE CONCRETE ENCASEMENT



VALVE BOX CONCRETE ENCASEMENT



ELEVATION VIEW

PLACE BRICK ACCORDING TO ELEVATION VIEW

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR

MANHOLE AND VALVE BOX ADJUSTMENTS

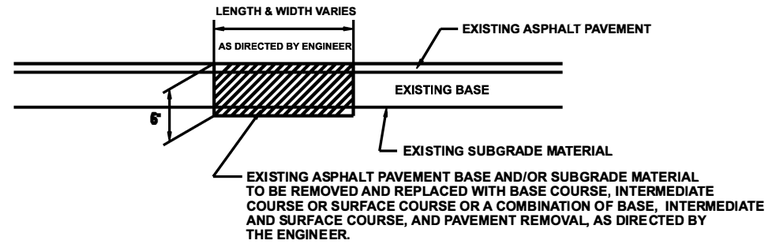
SHEET 1 OF
840D55

REVISIONS

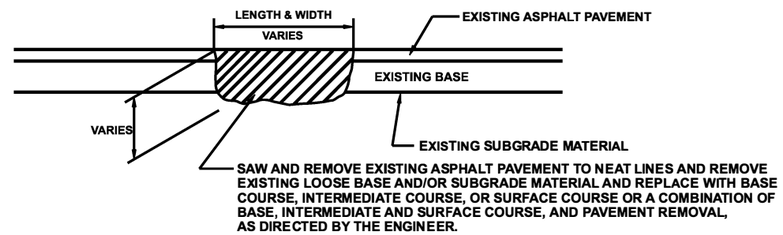
8/17/99

$$$$$$SYSTIME$$$$$$
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

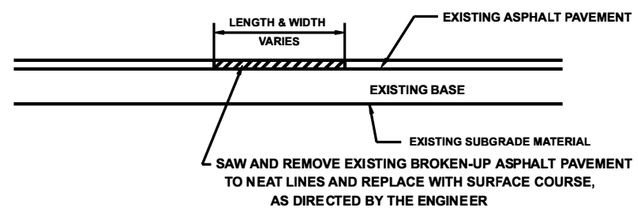
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



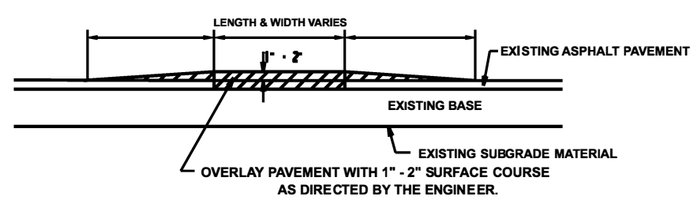
DETAIL NO. 1



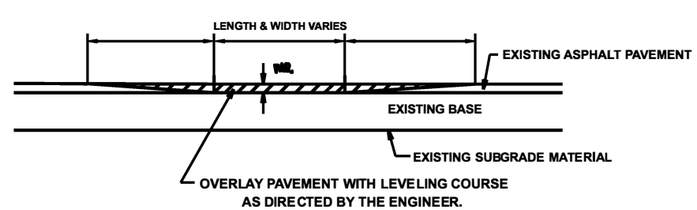
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



DETAIL NO. 5

REVISIONS

8/17/99

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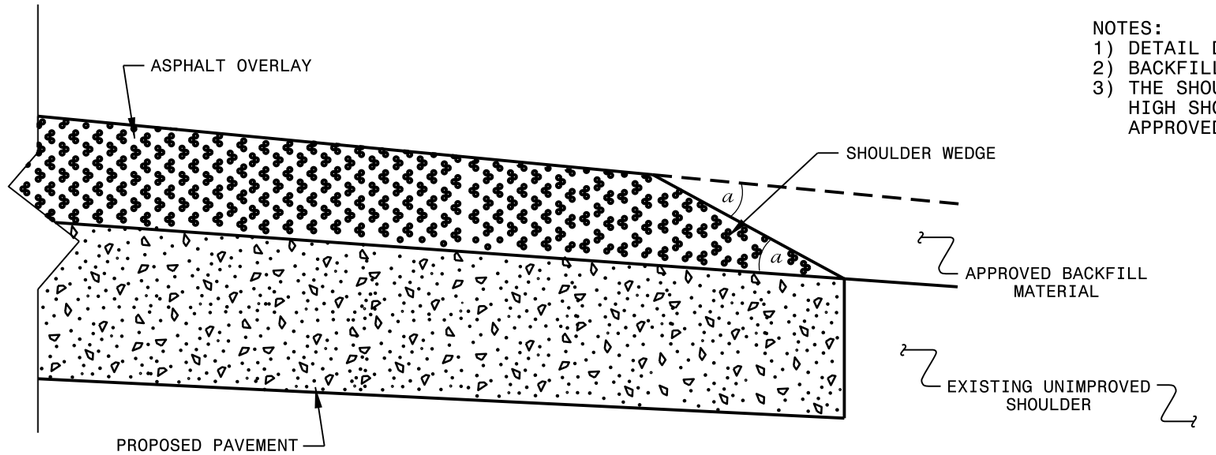
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$FILENAME$$$$

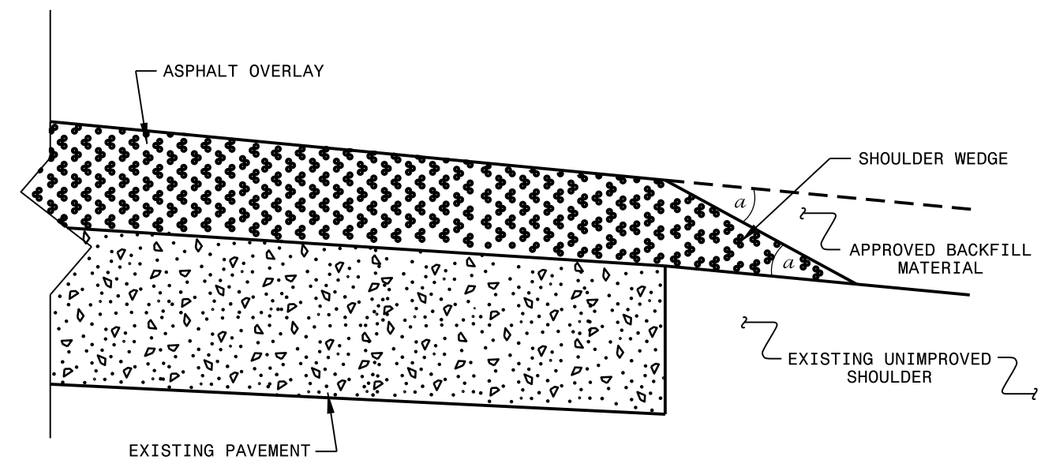
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.03.04.10711, ETC.	11

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.



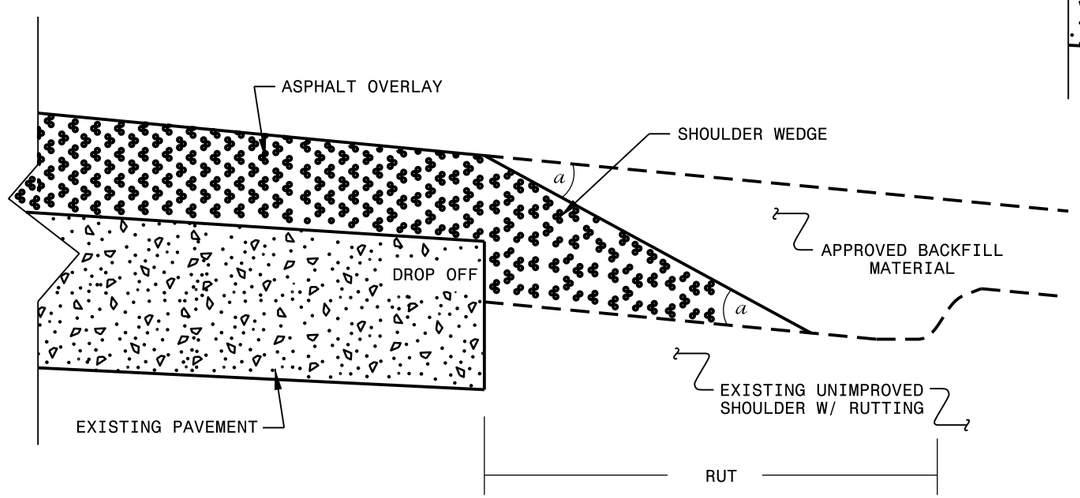
SHOULDER WEDGE DETAIL

(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.: sjusr/details/stand/shoulderwedgedetail.dgn

27-JUN-2018 13:52
S:\Contracts\Contracts\Resurfacing Projects\Division 3\Sampson August 2018\Revised Shoulder Wedge Detail.dgn
pjporter ATT CSD 252512

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

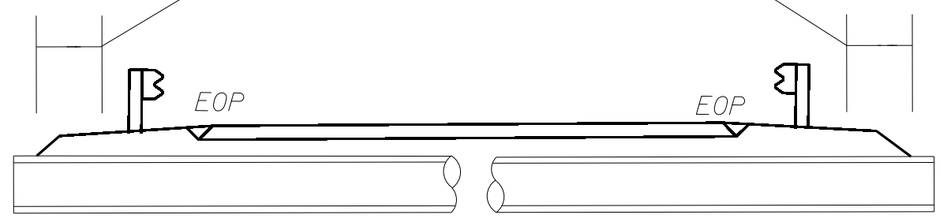
PROJECT REFERENCE NO.	SHEET NO.
2025CPT.03.04.10711, Etc	EC-2

EROSION CONTROL DETAIL

NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

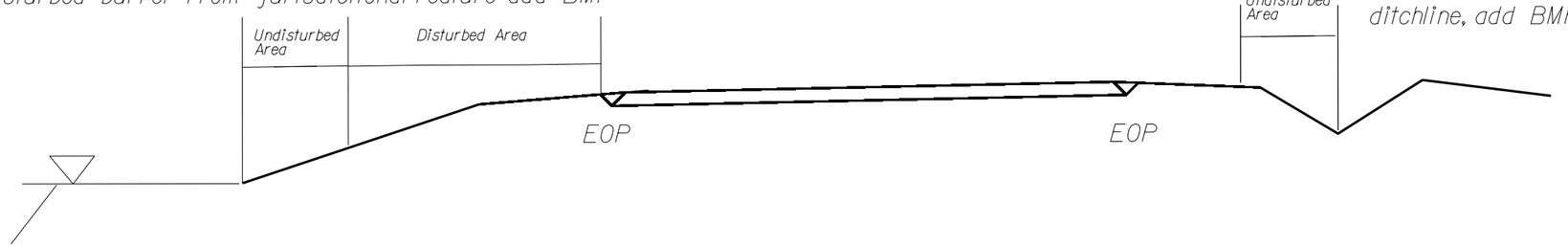
< 5' - 10' Undisturbed buffer add BMP



Pipe/Culvert

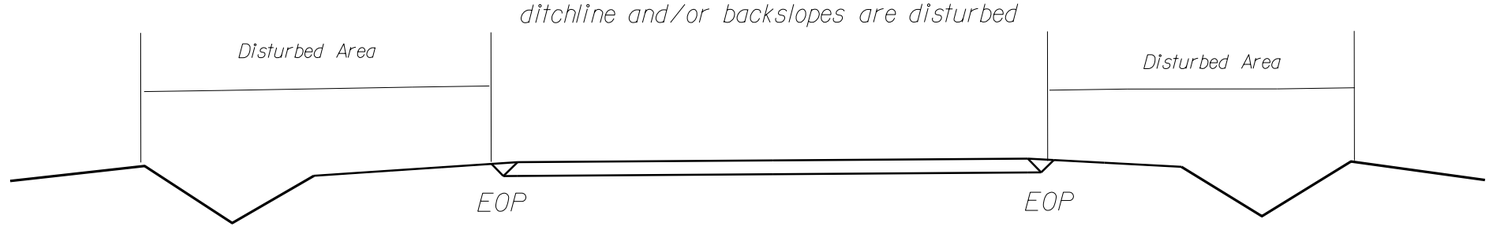
< 5' - 10' Undisturbed buffer from jurisdictional feature add BMP

< 5' - 10' Undisturbed buffer from ditchline, add BMP

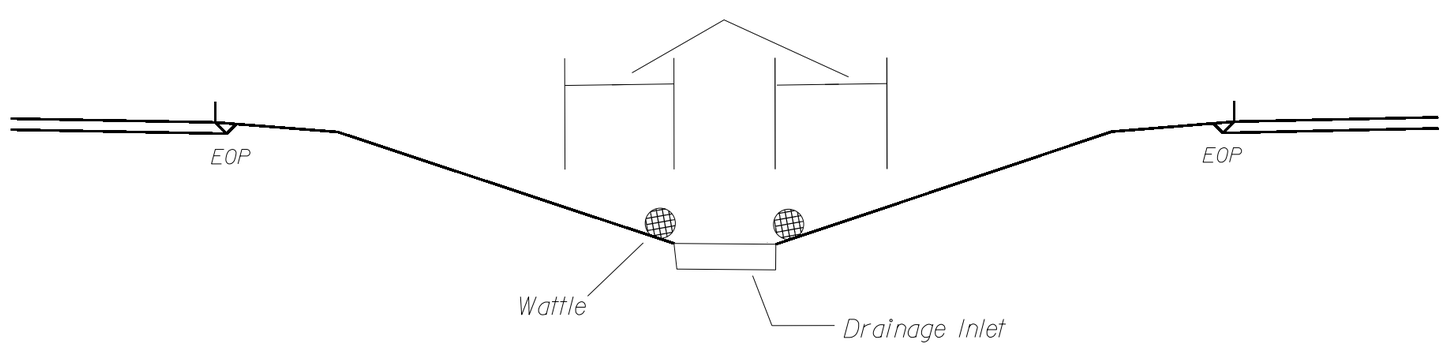


Jurisdictional Feature

Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



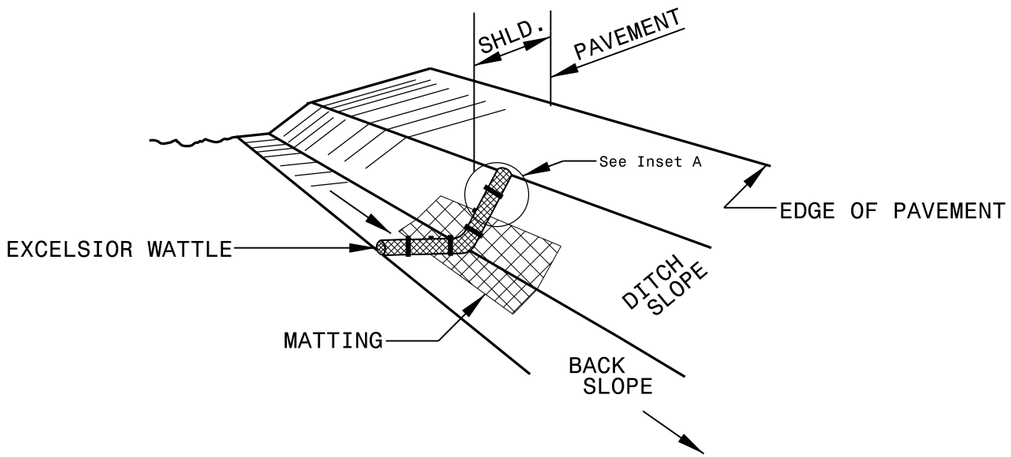
< 5' - 10' Undisturbed buffer from inlet, add wattle



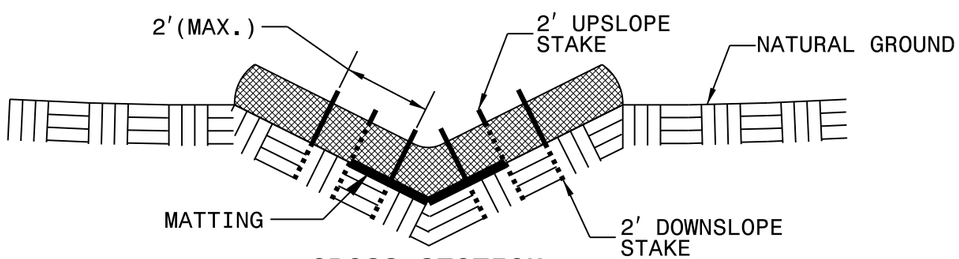
NOT TO SCALE

PROJECT REFERENCE NO.	SHEET NO.
2025CPT.03.04.10711, Etc	EC-3

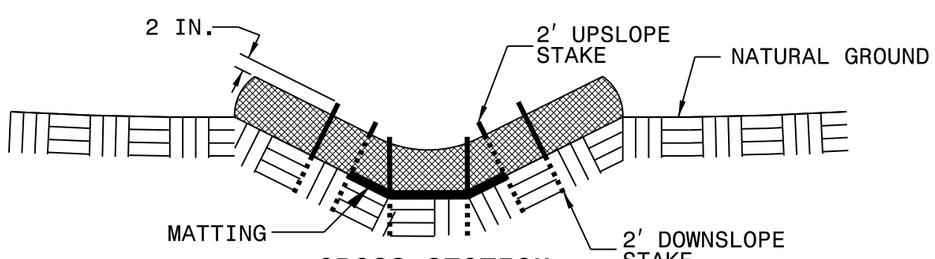
WATTLE DETAIL



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

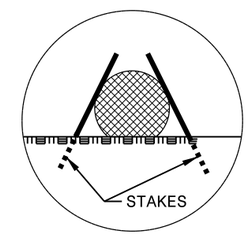
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

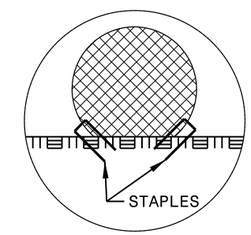
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12″ IN LENGTH.

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

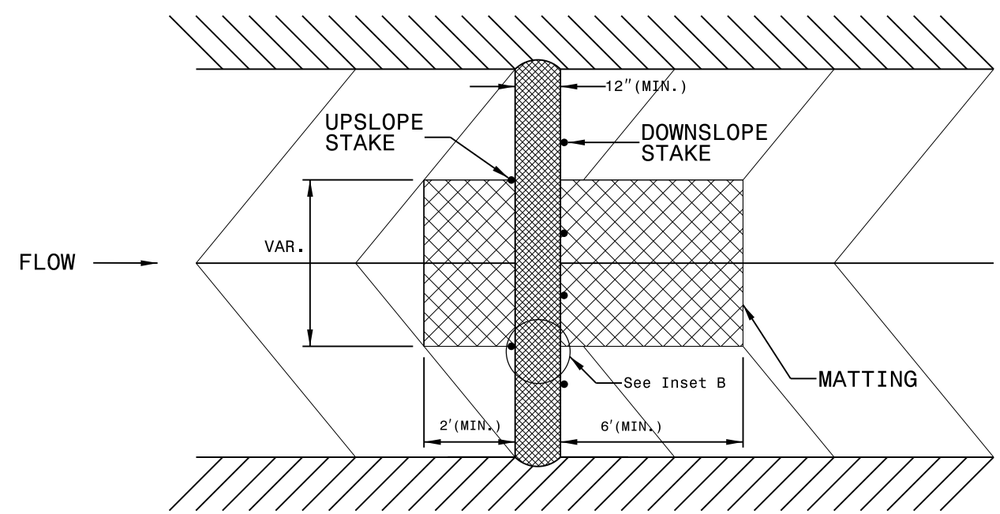
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



TOP VIEW

11-FEB-2015 11:41
O:\Resurfacing_Data\2015 Resurfacing\Pender County\Plan Sheets\3CR.20711.173. EC RESURF.2015.dgn
ekimmel At 1:10/27.46

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	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1245000000-E SHOULDER RECONSTRUCTION	1297000000-E 1.5" MILLING	1297000000-E 1" MILLING	1308000000-E 0" - 1.5" MILLING (GENERIC)	1330000000-E INCIDENTAL MILLING	1491000000-E BASE COURSE, B25.0C	1519000000-E SURFACE COURSE, S9.5B	1523000000-E SURFACE COURSE, S9.5C	1575000000-E ASPHALT BINDER FOR PLANT MIX	1705500000-E PATCHING EXISTING PAVEMENT (MILL)	2752000000-E 2'-0" CURB & GUTTER, REMOVE AND REPLACE (GENERIC)
										MI	FT			CY	TON	SMI	SY	SY	SY	SY	TONS	TON	TON	TON	TON	LF
2025CPT.03.04.10711	Pender	1	NC-210	NC HWY 210 FROM I-40 OVERPASS BRIDGE TO US HWY 117 [MP 28.7 - MP 28.97]	1	2	MU	NO	NO	0.27	50-55	28.70	28.97	33	2	0.54			611	772			608	36	10	
TOTAL FOR MAP NO. 1										**0.27**				**33**	**2**	**0.54**			**611**	**772**			**608**	**36**	**10**	
TOTAL FOR PROJ NO. 2025CPT.03.04.10711										**0.27**				**33**	**2**	**0.54**			**611**	**772**			**608**	**36**	**10**	
2025CPT.03.04.20711	Pender	2	SR-1534 (BELT RD)	FROM NC HWY 50 TO SR 1535 (OLD LANDING RD) [MP 0.00 - MP 0.70]	2	2	2WU	NO	NO	0.70	23	0.00	0.70	85	36	1.40				112	574	837		81	10	
TOTAL FOR MAP NO. 2										**0.70**				**85**	**36**	**1.40**				**112**	**574**	**837**		**81**	**10**	
2025CPT.03.04.20711	Pender	3	SR-1402 (FENNELL TOWN RD)	FROM SR 1400 (HIGHSMITH RD) TO SR 1404 (HERRINGS CHAPEL RD) [MP 0.00 - MP 3.60]	3	2	2WU	NO	NO	3.60	20	0.00	3.60	439	142	7.20				334		3,966		272	292	
TOTAL FOR MAP NO. 3										**3.60**				**439**	**142**	**7.20**				**334**		**3,966**		**272**	**292**	
2025CPT.03.04.20711	Pender	4	SR-1404 (HERRINGS CHAPEL RD)	FROM NC HWY 210 TO SR 1402 (FENNELL TOWN RD) [MP 0.00 - MP 5.00]	3	2	2WU	NO	NO	5.00	18	0.00	5.00	610	164	10.00	1,630			250	358	4,692		348	556	
TOTAL FOR MAP NO. 4										**5.00**				**610**	**164**	**10.00**	**1,630**			**250**	**358**	**4,692**		**348**	**556**	
2025CPT.03.04.20711	Pender	5	SR-1318 (CAMP KIRKWOOD RD)	FROM US HWY 117 TO SR 1313 (WATHA RD) [MP 6.6 - MP 9.15]	3	2	2WU	NO	NO	2.55	18	6.60	9.15	311	94	5.10			556	390	84	2,424		189	566	
TOTAL FOR MAP NO. 5										**2.55**				**311**	**94**	**5.10**			**556**	**390**	**84**	**2,424**		**189**	**566**	
2025CPT.03.04.20711	Pender	6	SR-1313 (WATHA RD)	FROM SR 1319 (MARY SLOCUM RD SW) TO SR 1315 (VAN EDEN RD) [MP 3.50 - MP 3.80]	3	2	2WU	NO	NO	0.30	20	3.50	3.80	37	12	0.60				231		325		34	262	
TOTAL FOR MAP NO. 6										**0.30**				**37**	**12**	**0.60**				**231**		**325**		**34**	**262**	
TOTAL FOR PROJ NO. 2025CPT.03.04.20711										**12.15**				**1,482**	**448**	**24.30**	**1,630**		**556**	**1,317**	**1,016**	**12,244**		**924**	**1,686**	
																	1,630									
2025CPT.03.04.20712	Pender	7	SR-1741 (HEADWATERS DR)	FROM US HWY 17 N TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.82]	4	2	2WU	NO	NO	0.82	21	0.00	0.82	10	4			400				618		42	38	30
TOTAL FOR MAP NO. 7										**0.82**				**10**	**4**			**400**				**618**		**42**	**38**	**30**
2025CPT.03.04.20712	Pender	8	SR-1674 (OVERLOOK DR)	FROM SR 1741 (HEADWATERS DR) TO SR 1674 (E. CREEKVIEW DR) [MP 0.84 - MP 1.02]	4	2	2WU	NO	NO	0.18	20	0.84	1.02	10	4							133		9	9	
TOTAL FOR MAP NO. 8										**0.18**				**10**	**4**							**133**		**9**	**9**	
2025CPT.03.04.20712	Pender	9	SR-1673 (DEERFIELD DR)	FROM US HWY 17 N TO SR 1674 (CREEKVIEW DR) [MP 0.00 - MP 0.46]	4	2	2WU	NO	NO	0.46	20	0.00	0.46	10	10							340		22	5	
TOTAL FOR MAP NO. 9										**0.46**				**10**	**10**							**340**		**22**	**5**	
2025CPT.03.04.20712	Pender	10	SR-1674 (CREEKVIEW DR)	FROM SR 1673 (DEERFIELD DR) TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.84]	4	2	2WU	NO	NO	0.84	20	0.00	0.84	20	64							571		38	20	
TOTAL FOR MAP NO. 10										**0.84**				**20**	**64**							**571**		**38**	**20**	
2025CPT.03.04.20712	Pender	11	SR-1674 (E CREEKVIEW DR)	FROM SR 1674 (OVERLOOK DR) TO SR 1700 (GREAT OAK DR) [MP 1.02 - MP 1.76]	4	2	2WU	NO	NO	0.74	20	1.02	1.76	10	20							533		35	5	
TOTAL FOR MAP NO. 11										**0.74**				**10**	**20**							**533**		**35**	**5**	
2025CPT.03.04.20712	Pender	12	SR-1685 (CENTER DR)	FROM SR 1684 (CENTER DR) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 1.02]	4	2	2WU	NO	NO	1.02	20	0.00	1.02	10	20							713		47	12	
TOTAL FOR MAP NO. 12										**1.02**				**10**	**20**							**713**		**47**	**12**	
2025CPT.03.04.20712	Pender	13	SR-1684 (NE CENTER DR)	FROM SR 1582 (WASHINGTON ACRES DR) TO SR 1618 (HUGHES RD) [MP 0.00 - MP 0.24]	4	2	2WU	NO	NO	0.24	25	0.00	0.24	10	6							196		14	19	
TOTAL FOR MAP NO. 13										**0.24**				**10**	**6**							**196**		**14**	**19**	
2025CPT.03.04.20712	Pender	14	SR-1604 (CIRCLE DR)	FROM SR 1603 (HUGHES RD) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 0.62]	4	2	2WU	NO	NO	0.62	20	0.00	0.62	10	16							427		28	5	
TOTAL FOR MAP NO. 14										**0.62**				**10**	**16**							**427**		**28**	**5**	
2025CPT.03.04.20712	Pender	15	SR-1605 (SOUND VIEW DR)	FROM SR 1604 (CIRCLE DR) TO SR 1604 (CIRCLE DR) [MP 0.00 - MP 0.22]	4	2	2WU	NO	NO	0.22	20	0.00	0.22	10	5							147		10	5	
TOTAL FOR MAP NO. 15										**0.22**				**10**	**5**							**147**		**10**	**5**	
TOTAL FOR PROJ NO. 2025CPT.03.04.20712										**5.14**				**100**	**149**			**400**				**3,678**		**245**	**118**	**30**
																		400								
GRAND TOTAL										**17.56**				**1,615**	**599**	**24.84**	**1,630**	**400**	**1,167**	**2,089**	**1,016**	**15,922**	**608**	**1,205**	**1,814**	**30**
																	2,030									

PROJECT NO.	SHEET NO.
2025CPT.03.04.10711, ETC.	13

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	2830000000-N ADJUSTMENT OF MANHOLES	5255000000-N PORTABLE LIGHTING	6000000000-E TEMPORARY SILT FENCE	6009000000-E STONE FOR EC CLASS B	6012000000-E SEDIMENT CONTROL STONE	6015000000-E TEMPORARY MULCHING	6018000000-E SEED FOR TEMPORARY SEEDING	6021000000-E FERTILIZER FOR TEMPORARY SEEDING	6036000000-E MATTING FOR EROSION CONTROL	6042000000-E 1/4" HARDWARE CLOTH	6071010000-E WATTLE	6084000000-E SEED & MULCHING
										MI	FT			EA	LS	LF	TON	TON	ACR	LBS	TON	SY	LF	LF	AC
2025CPT.03.04.10711	Pender	1	NC-210	NC HWY 210 FROM I-40 OVERPASS BRIDGE TO US HWY 117 [MP 28.7 - MP 28.97]	1	2	MU	NO	NO	0.27	50-55	28.70	28.97	2	1	25	5	5	0.25	10	0.05	10	10	19	0.25
TOTAL FOR MAP NO. 1										**0.27**				**2**	**1**	**25**	**5**	**5**	**0.25**	**10**	**0.05**	**10**	**10**	**19**	**0.25**
TOTAL FOR PROJ NO. 2025CPT.03.04.10711										**0.27**				**2**	**1**	**25**	**5**	**5**	**0.25**	**10**	**0.05**	**10**	**10**	**19**	**0.25**
2025CPT.03.04.20711	Pender	2	SR-1534 (BELT RD)	FROM NC HWY 50 TO SR 1535 (OLD LANDING RD) [MP 0.00 - MP 0.70]	2	2	2WU	NO	NO	0.70	23	0.00	0.70			75	20	20	0.72	36	0.18	10	36	20	0.70
TOTAL FOR MAP NO. 2										**0.70**						**75**	**20**	**20**	**0.72**	**36**	**0.18**	**10**	**36**	**20**	**0.70**
2025CPT.03.04.20711	Pender	3	SR-1402 (FENNELL TOWN RD)	FROM SR 1400 (HIGHSMITH RD) TO SR 1404 (HERRINGS CHAPEL RD) [MP 0.00 - MP 3.60]	3	2	2WU	NO	NO	3.60	20	0.00	3.60			360	90	90	3.60	180	0.90	30	180	60	3.50
TOTAL FOR MAP NO. 3										**3.60**						**360**	**90**	**90**	**3.60**	**180**	**0.90**	**30**	**180**	**60**	**3.50**
2025CPT.03.04.20711	Pender	4	SR-1404 (HERRINGS CHAPEL RD)	FROM NC HWY 210 TO SR 1402 (FENNELL TOWN RD) [MP 0.00 - MP 5.00]	3	2	2WU	NO	NO	5.00	18	0.00	5.00			500	125	125	5.00	250	1.25	40	250	80	4.85
TOTAL FOR MAP NO. 4										**5.00**						**500**	**125**	**125**	**5.00**	**250**	**1.25**	**40**	**250**	**80**	**4.85**
2025CPT.03.04.20711	Pender	5	SR-1318 (CAMP KIRKWOOD RD)	FROM US HWY 117 TO SR 1313 (WATHA RD) [MP 6.6 - MP 9.15]	3	2	2WU	NO	NO	2.55	18	6.60	9.15			255	65	65	2.55	130	0.65	20	130	40	2.50
TOTAL FOR MAP NO. 5										**2.55**						**255**	**65**	**65**	**2.55**	**130**	**0.65**	**20**	**130**	**40**	**2.50**
2025CPT.03.04.20711	Pender	6	SR-1313 (WATHA RD)	FROM SR 1319 (MARY SLOCUM RD SW) TO SR 1315 (VAN EDEN RD) [MP 3.50 - MP 3.80]	3	2	2WU	NO	NO	0.30	20	3.50	3.80			30	5	5	0.30	15	0.08	10	15	10	0.30
TOTAL FOR MAP NO. 6										**0.30**						**30**	**5**	**5**	**0.30**	**15**	**0.08**	**10**	**15**	**10**	**0.30**
TOTAL FOR PROJ NO. 2025CPT.03.04.20711										**12.15**						**1,220**	**305**	**305**	**12.17**	**611**	**3.06**	**110**	**611**	**210**	**11.85**
2025CPT.03.04.20712	Pender	7	SR-1741 (HEADWATERS DR)	FROM US HWY 17 N TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.82]	4	2	2WU	NO	NO	0.82	21	0.00	0.82												
TOTAL FOR MAP NO. 7										**0.82**															
2025CPT.03.04.20712	Pender	8	SR-1674 (OVERLOOK DR)	FROM SR 1741 (HEADWATERS DR) TO SR 1674 (E. CREEKVIEW DR) [MP 0.84 - MP 1.02]	4	2	2WU	NO	NO	0.18	20	0.84	1.02												
TOTAL FOR MAP NO. 8										**0.18**															
2025CPT.03.04.20712	Pender	9	SR-1673 (DEERFIELD DR)	FROM US HWY 17 N TO SR 1674 (CREEKVIEW DR) [MP 0.00 - MP 0.46]	4	2	2WU	NO	NO	0.46	20	0.00	0.46												
TOTAL FOR MAP NO. 9										**0.46**															
2025CPT.03.04.20712	Pender	10	SR-1674 (CREEKVIEW DR)	FROM SR 1673 (DEERFIELD DR) TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.84]	4	2	2WU	NO	NO	0.84	20	0.00	0.84												
TOTAL FOR MAP NO. 10										**0.84**															
2025CPT.03.04.20712	Pender	11	SR-1674 (E CREEKVIEW DR)	FROM SR 1674 (OVERLOOK DR) TO SR 1700 (GREAT OAK DR) [MP 1.02 - MP 1.76]	4	2	2WU	NO	NO	0.74	20	1.02	1.76												
TOTAL FOR MAP NO. 11										**0.74**															
2025CPT.03.04.20712	Pender	12	SR-1685 (CENTER DR)	FROM SR 1684 (CENTER DR) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 1.02]	4	2	2WU	NO	NO	1.02	20	0.00	1.02												
TOTAL FOR MAP NO. 12										**1.02**															
2025CPT.03.04.20712	Pender	13	SR-1684 (NE CENTER DR)	FROM SR 1582 (WASHINGTON ACRES DR) TO SR 1618 (HUGHES RD) [MP 0.00 - MP 0.24]	4	2	2WU	NO	NO	0.24	25	0.00	0.24												
TOTAL FOR MAP NO. 13										**0.24**															
2025CPT.03.04.20712	Pender	14	SR-1604 (CIRCLE DR)	FROM SR 1603 (HUGHES RD) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 0.62]	4	2	2WU	NO	NO	0.62	20	0.00	0.62												
TOTAL FOR MAP NO. 14										**0.62**															
2025CPT.03.04.20712	Pender	15	SR-1605 (SOUND VIEW DR)	FROM SR 1604 (CIRCLE DR) TO SR 1604 (CIRCLE DR) [MP 0.00 - MP 0.22]	4	2	2WU	NO	NO	0.22	20	0.00	0.22												
TOTAL FOR MAP NO. 15										**0.22**															
TOTAL FOR PROJ NO. 2025CPT.03.04.20712										**5.14**															
GRAND TOTAL										**17.56**				**2**	**1**	**1,245**	**310**	**310**	**12.42**	**621**	**3.11**	**120**	**621**	**229**	**12.10**

PROJECT NO.	SHEET NO.
2025CPT.03.04.10711, ETC.	14

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	6090000000-E SEED FOR REPAIR SEEDING	6093000000-E FERTILIZER FOR REPAIR SEEDING	6117000000-N RESPONSE FOR EROSION CONTROL	7444000000-E INDUCTIVE LOOP SAWCUT
										MI	FT			LB	TON	EA	LF
2025CPT.03.04.10711	Pender	1	NC-210	NC HWY 210 FROM I-40 OVERPASS BRIDGE TO US HWY 117 [MP 28.7 - MP 28.97]	1	2	MU	NO	NO	0.27	50-55	28.70	28.97	10	0.10	2	294
TOTAL FOR MAP NO. 1										**0.27**				**10**	**0.10**	**2**	**294**
TOTAL FOR PROJ NO. 2025CPT.03.04.10711										**0.27**				**10**	**0.10**	**2**	**294**
2025CPT.03.04.20711	Pender	2	SR-1534 (BELT RD)	FROM NC HWY 50 TO SR 1535 (OLD LANDING RD) [MP 0.00 - MP 0.70]	2	2	2WU	NO	NO	0.70	23	0.00	0.70	36	0.18	4	138
TOTAL FOR MAP NO. 2										**0.70**				**36**	**0.18**	**4**	**138**
2025CPT.03.04.20711	Pender	3	SR-1402 (FENNELL TOWN RD)	FROM SR 1400 (HIGHSMITH RD) TO SR 1404 (HERRINGS CHAPEL RD) [MP 0.00 - MP 3.60]	3	2	2WU	NO	NO	3.60	20	0.00	3.60	180	0.90	8	
TOTAL FOR MAP NO. 3										**3.60**				**180**	**0.90**	**8**	
2025CPT.03.04.20711	Pender	4	SR-1404 (HERRINGS CHAPEL RD)	FROM NC HWY 210 TO SR 1402 (FENNELL TOWN RD) [MP 0.00 - MP 5.00]	3	2	2WU	NO	NO	5.00	18	0.00	5.00	250	1.25	10	
TOTAL FOR MAP NO. 4										**5.00**				**250**	**1.25**	**10**	
2025CPT.03.04.20711	Pender	5	SR-1318 (CAMP KIRKWOOD RD)	FROM US HWY 117 TO SR 1313 (WATHA RD) [MP 6.6 - MP 9.15]	3	2	2WU	NO	NO	2.55	18	6.60	9.15	130	0.65	5	
TOTAL FOR MAP NO. 5										**2.55**				**130**	**0.65**	**5**	
2025CPT.03.04.20711	Pender	6	SR-1313 (WATHA RD)	FROM SR 1319 (MARY SLOCUM RD SW) TO SR 1315 (VAN EDEN RD) [MP 3.50 - MP 3.80]	3	2	2WU	NO	NO	0.30	20	3.50	3.80	15	0.08	2	
TOTAL FOR MAP NO. 6										**0.30**				**15**	**0.08**	**2**	
TOTAL FOR PROJ NO. 2025CPT.03.04.20711										**12.15**				**611**	**3.06**	**29**	**138**
2025CPT.03.04.20712	Pender	7	SR-1741 (HEADWATERS DR)	FROM US HWY 17 N TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.82]	4	2	2WU	NO	NO	0.82	21	0.00	0.82				
TOTAL FOR MAP NO. 7										**0.82**							
2025CPT.03.04.20712	Pender	8	SR-1674 (OVERLOOK DR)	FROM SR 1741 (HEADWATERS DR) TO SR 1674 (E. CREEKVIEW DR) [MP 0.84 - MP 1.02]	4	2	2WU	NO	NO	0.18	20	0.84	1.02				
TOTAL FOR MAP NO. 8										**0.18**							
2025CPT.03.04.20712	Pender	9	SR-1673 (DEERFIELD DR)	FROM US HWY 17 N TO SR 1674 (CREEKVIEW DR) [MP 0.00 - MP 0.46]	4	2	2WU	NO	NO	0.46	20	0.00	0.46				
TOTAL FOR MAP NO. 9										**0.46**							
2025CPT.03.04.20712	Pender	10	SR-1674 (CREEKVIEW DR)	FROM SR 1673 (DEERFIELD DR) TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.84]	4	2	2WU	NO	NO	0.84	20	0.00	0.84				
TOTAL FOR MAP NO. 10										**0.84**							
2025CPT.03.04.20712	Pender	11	SR-1674 (E CREEKVIEW DR)	FROM SR 1674 (OVERLOOK DR) TO SR 1700 (GREAT OAK DR) [MP 1.02 - MP 1.76]	4	2	2WU	NO	NO	0.74	20	1.02	1.76				
TOTAL FOR MAP NO. 11										**0.74**							
2025CPT.03.04.20712	Pender	12	SR-1685 (CENTER DR)	FROM SR 1684 (CENTER DR) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 1.02]	4	2	2WU	NO	NO	1.02	20	0.00	1.02				
TOTAL FOR MAP NO. 12										**1.02**							
2025CPT.03.04.20712	Pender	13	SR-1684 (NE CENTER DR)	FROM SR 1582 (WASHINGTON ACRES DR) TO SR 1618 (HUGHES RD) [MP 0.00 - MP 0.24]	4	2	2WU	NO	NO	0.24	25	0.00	0.24				
TOTAL FOR MAP NO. 13										**0.24**							
2025CPT.03.04.20712	Pender	14	SR-1604 (CIRCLE DR)	FROM SR 1603 (HUGHES RD) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 0.62]	4	2	2WU	NO	NO	0.62	20	0.00	0.62				
TOTAL FOR MAP NO. 14										**0.62**							
2025CPT.03.04.20712	Pender	15	SR-1605 (SOUND VIEW DR)	FROM SR 1604 (CIRCLE DR) TO SR 1604 (CIRCLE DR) [MP 0.00 - MP 0.22]	4	2	2WU	NO	NO	0.22	20	0.00	0.22				
TOTAL FOR MAP NO. 15										**0.22**							
TOTAL FOR PROJ NO. 2025CPT.03.04.20712										**5.14**							
GRAND TOTAL										**17.56**				**621**	**3.16**	**31**	**432**

PROJECT NO.	SHEET NO.
2025CPT.03.04.10711, ETC.	15

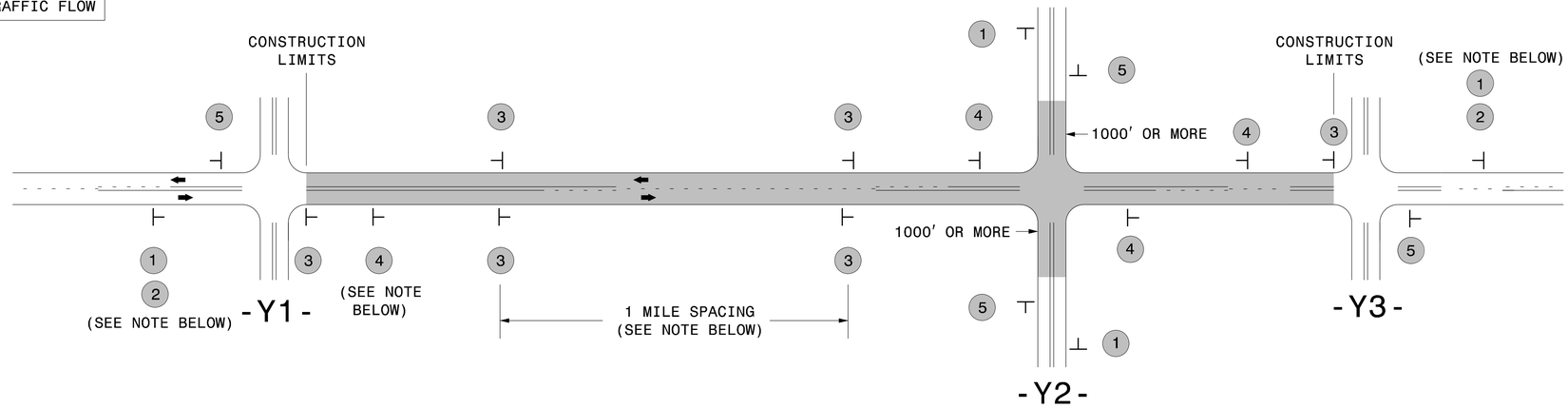
THERMOPLASTIC AND PAINT QUANTITIES

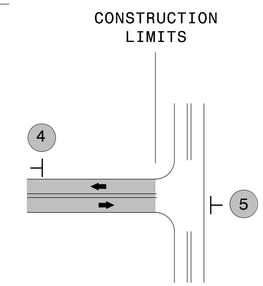
												4413000000-E	4457000000-N	4510000000-N	4685000000-E		4688000000-E		4695000000-E	4709000000-E	4720000000-E	4725000000-E			4810000000-E		4850000000-E	4895000000-N	4900000000-N	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL	LAW ENFORCEMENT	4" X 90 M YELLOW THERMO	4" X 90 M WHITE THERMO	6" X90 M YELLOW THERMO	6" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24" X 90 MILS)	THERMO MSG ONLY (90 MIL)	THERMO RT ARROW (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO STR & LT ARROW (90 MIL)	4" WHITE PAINT	4" YELLOW PAINT	REMOVAL OF PAVEMENT MARKING LINES (4")	POLYCARBONATE H-SHAPED MARKER	YELLOW & YELLOW MARKERS	CRYSTAL & RED MARKERS
								MI	FT			SF	LS	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	LF	LF	LF	EA	EA	EA
2025CPT.03.04.10711	Pender	1	NC-210	NC HWY 210 FROM I-40 OVERPASS BRIDGE TO US HWY 117 [MP 28.7 - MP 28.97]	1	2	MU	0.27	50-55	28.70	28.97	128	0.11	40	3,394	3,977			144	38	16	6	8	2	1,175	940	600	88	24	
TOTAL FOR MAP NO. 1								**0.27**				**128**	**0.11**	**40**	**3,394**	**3,977**			**144**	**38**	**16**	**6**	**8**	**2**	**1,175**	**940**	**600**	**88**	**24**	
TOTAL FOR PROJ NO. 2025CPT.03.04.10711								**0.27**				**128**	**0.11**	**40**	**3,394**	**3,977**			**144**	**38**	**16**	**6**	**8**	**2**	**1,175**	**940**	**600**	**88**	**24**	
															7,371								**16**		**2,115**				**24**	
2025CPT.03.04.20711	Pender	2	SR-1534 (BELT RD)	FROM NC HWY 50 TO SR 1535 (OLD LANDING RD) [MP 0.00 - MP 0.70]	2	2	2WU	0.70	23	0.00	0.70		0.03	40	5,313	7,582													47	
TOTAL FOR MAP NO. 2								**0.70**					**0.03**	**40**	**5,313**	**7,582**													**47**	
2025CPT.03.04.20711	Pender	3	SR-1402 (FENNELL TOWN RD)	FROM SR 1400 (HIGHSMITH RD) TO SR 1404 (HERRINGS CHAPEL RD) [MP 0.00 - MP 3.60]	3	2	2WU	3.60	20	0.00	3.60	416	0.20				26,387	39,984											250	
TOTAL FOR MAP NO. 3								**3.60**				**416**	**0.20**				**26,387**	**39,984**											**250**	
2025CPT.03.04.20711	Pender	4	SR-1404 (HERRINGS CHAPEL RD)	FROM NC HWY 210 TO SR 1402 (FENNELL TOWN RD) [MP 0.00 - MP 5.00]	3	2	2WU	5.00	18	0.00	5.00	560	0.24				29,623	52,711											329	
TOTAL FOR MAP NO. 4								**5.00**				**560**	**0.24**				**29,623**	**52,711**											**329**	
2025CPT.03.04.20711	Pender	5	SR-1318 (CAMP KIRKWOOD RD)	FROM US HWY 117 TO SR 1313 (WATHA RD) [MP 6.6 - MP 9.15]	3	2	2WU	2.55	18	6.60	9.15	288	0.15				21,317	26,804							1,280	1,280	1,280		168	
TOTAL FOR MAP NO. 5								**2.55**				**288**	**0.15**				**21,317**	**26,804**							**1,280**	**1,280**	**1,280**		**168**	
2025CPT.03.04.20711	Pender	6	SR-1313 (WATHA RD)	FROM SR 1319 (MARY SLOCUM RD SW) TO SR 1315 (VAN EDEN RD) [MP 3.50 - MP 3.80]	3	2	2WU	0.30	20	3.50	3.80		0.02				1,723	3,256											20	
TOTAL FOR MAP NO. 6								**0.30**					**0.02**				**1,723**	**3,256**											**20**	
TOTAL FOR PROJ NO. 2025CPT.03.04.20711								**12.15**				**1,264**	**0.64**	**40**	**5,313**	**7,582**	**79,050**	**122,755**							**1,280**	**1,280**	**1,280**		**814**	
															12,895		**201,805**								**2,560**				**814**	
2025CPT.03.04.20712	Pender	7	SR-1741 (HEADWATERS DR)	FROM US HWY 17 N TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.82]	4	2	2WU	0.82	21	0.00	0.82		0.05		8,714	8,868			140	33									54	
TOTAL FOR MAP NO. 7								**0.82**					**0.05**		**8,714**	**8,868**			**140**	**33**									**54**	
2025CPT.03.04.20712	Pender	8	SR-1674 (OVERLOOK DR)	FROM SR 1741 (HEADWATERS DR) TO SR 1674 (E. CREEKVIEW DR) [MP 0.84 - MP 1.02]	4	2	2WU	0.18	20	0.84	1.02		0.01		2,018	2,018													13	
TOTAL FOR MAP NO. 8								**0.18**					**0.01**		**2,018**	**2,018**													**13**	
2025CPT.03.04.20712	Pender	9	SR-1673 (DEERFIELD DR)	FROM US HWY 17 N TO SR 1674 (CREEKVIEW DR) [MP 0.00 - MP 0.46]	4	2	2WU	0.46	20	0.00	0.46		0.02		4,304	5,258			248			1							30	21
TOTAL FOR MAP NO. 9								**0.46**					**0.02**		**4,304**	**5,258**			**248**			**1**							**30**	**21**
2025CPT.03.04.20712	Pender	10	SR-1674 (CREEKVIEW DR)	FROM SR 1673 (DEERFIELD DR) TO SR 1674 (OVERLOOK DR) [MP 0.00 - MP 0.84]	4	2	2WU	0.84	20	0.00	0.84		0.04		8,754	8,753													55	
TOTAL FOR MAP NO. 10								**0.84**					**0.04**		**8,754**	**8,753**													**55**	
2025CPT.03.04.20712	Pender	11	SR-1674 (E CREEKVIEW DR)	FROM SR 1674 (OVERLOOK DR) TO SR 1700 (GREAT OAK DR) [MP 1.02 - MP 1.76]	4	2	2WU	0.74	20	1.02	1.76		0.03		8,026	8,026													49	
TOTAL FOR MAP NO. 11								**0.74**					**0.03**		**8,026**	**8,026**													**49**	
2025CPT.03.04.20712	Pender	12	SR-1685 (CENTER DR)	FROM SR 1684 (CENTER DR) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 1.02]	4	2	2WU	1.02	20	0.00	1.02		0.05		9,556	10,710													67	
TOTAL FOR MAP NO. 12								**1.02**					**0.05**		**9,556**	**10,710**													**67**	
2025CPT.03.04.20712	Pender	13	SR-1684 (NE CENTER DR)	FROM SR 1582 (WASHINGTON ACRES DR) TO SR 1618 (HUGHES RD) [MP 0.00 - MP 0.24]	4	2	2WU	0.24	25	0.00	0.24		0.01		2,434	2,434													15	
TOTAL FOR MAP NO. 13								**0.24**					**0.01**		**2,434**	**2,434**													**15**	
2025CPT.03.04.20712	Pender	14	SR-1604 (CIRCLE DR)	FROM SR 1603 (HUGHES RD) TO SR 1603 (HUGHES RD) [MP 0.00 - MP 0.62]	4	2	2WU	0.62	20	0.00	0.62		0.03		6,468	6,468													40	
TOTAL FOR MAP NO. 14								**0.62**					**0.03**		**6,468**	**6,468**													**40**	
2025CPT.03.04.20712	Pender	15	SR-1605 (SOUND VIEW DR)	FROM SR 1604 (CIRCLE DR) TO SR 1604 (CIRCLE DR) [MP 0.00 - MP 0.22]	4	2	2WU	0.22	20	0.00	0.22		0.01		2,244	2,244													14	
TOTAL FOR MAP NO. 15								**0.22**					**0.01**		**2,244**	**2,244**													**14**	
TOTAL FOR PROJ NO. 2025CPT.03.04.20712								**5.14**					**0.25**		**52,518**	**54,779**			**388**	**33**		**1**							**337**	**21**
															107,297								**1**						**358**	
GRAND TOTAL								**17.56**				**1,392**	**1**	**80**	**61,225**	**66,338**	**79,050**	**122,755**	**532**	**71**	**16**	**7**	**8**	**2**	**2,455**	**2,220**	**1,880**	**88**	**1,175**	**21**
															127,563		**201,805**						**17**		**4,675**				**1,196**	

PROJ. REFERENCE NO.	SHEET NO.
2025CPT.03.04.10711, ETC.	TCP-1

SIGNING FOR RESURFACING PROJECTS

LEGEND
- ⊢ STATIONARY SIGN
- ← DIRECTION OF TRAFFIC FLOW





TEE INTERSECTION

MAINLINE (-L-) SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION

1	ROAD WORK AHEAD — 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.
2	NEXT XX MILES — 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	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 ½ 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.

-Y- LINE SIGNING

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.

ROAD WORK AHEAD — W20-1 48″ X 48″
PLACED 500′ IN ADVANCE OF FLAGGER.

W20-7 A 48″ X 48″
PLACED 250′ IN ADVANCE OF FLAGGER.

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.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

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

5/15/2017
S:\TMU\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing_AdvWarn_2Ln.dgn
User:kedals