

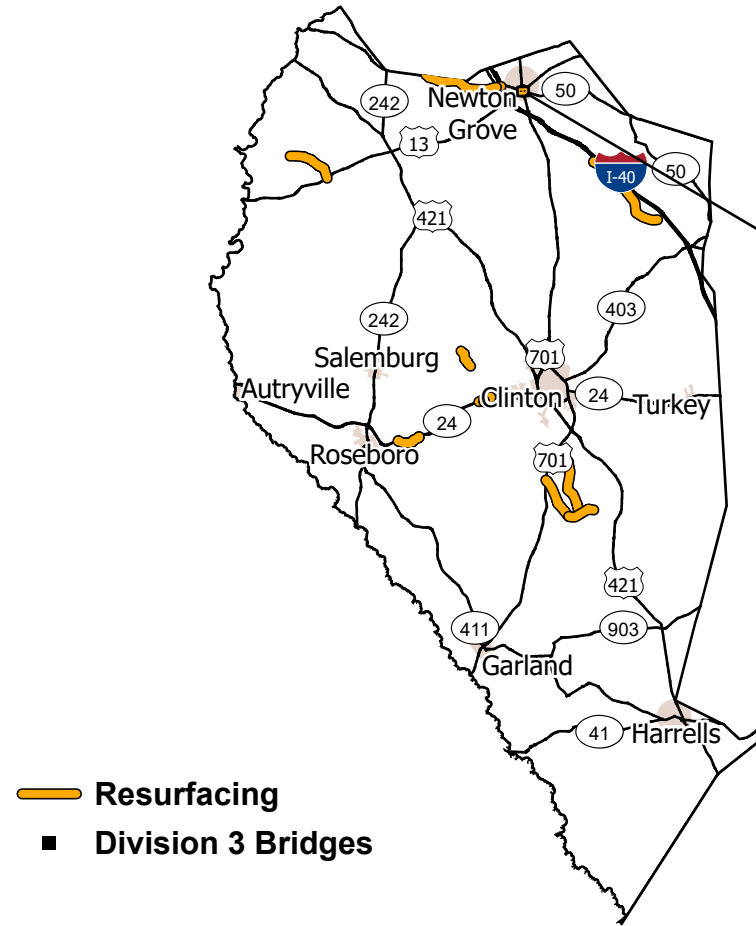
WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
SAMPSON COUNTY**

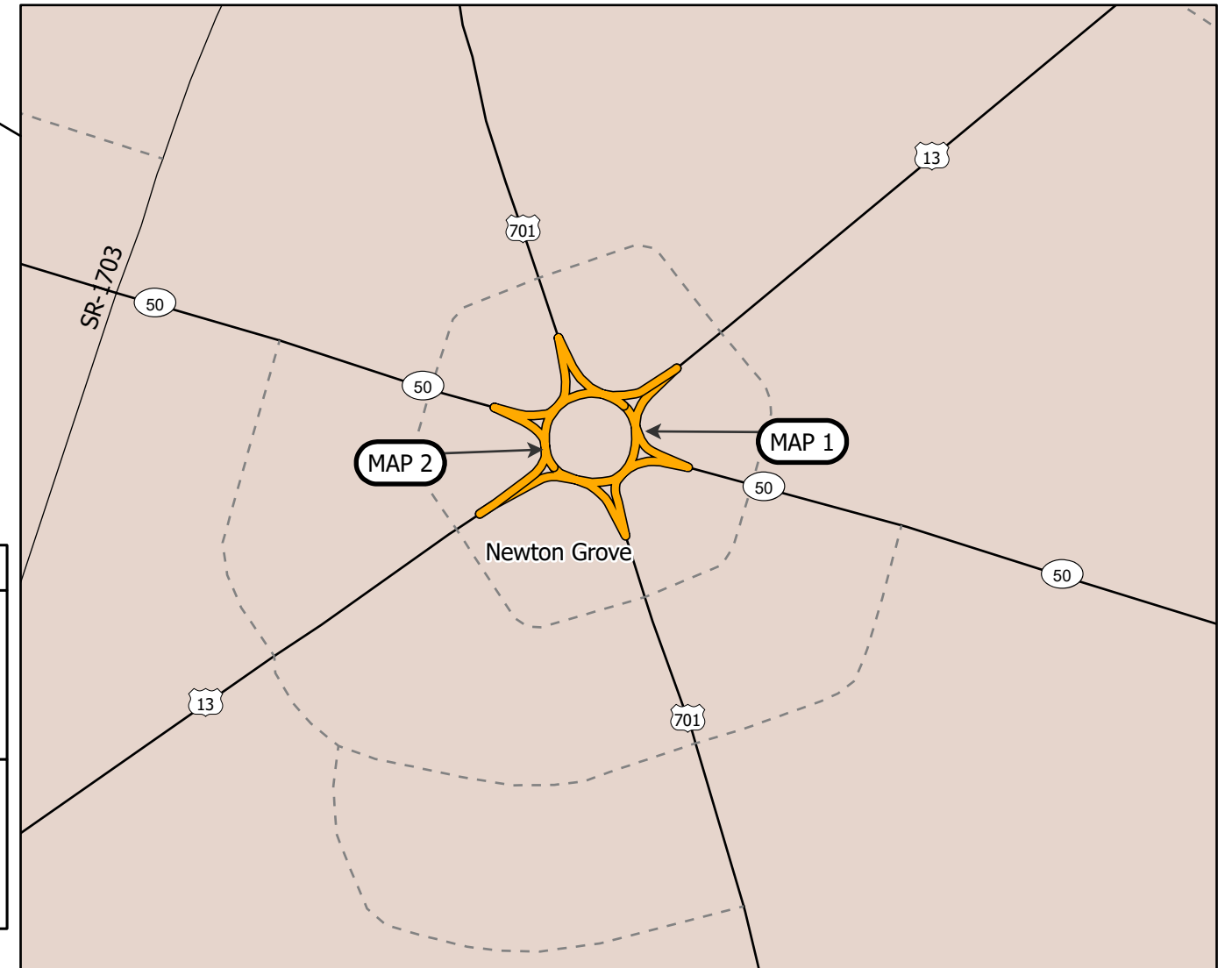
*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
1	US-13, NEWTON GROVE TRAFFIC CIRCLE, NE-BOUND	FROM MILEPOST 17.72 AROUND ROUNDABOUT TO MILEPOST 17.87 [MP 17.72 - MP 17.87]	Resurfacing
2	US-13, NEWTON GROVE TRAFFIC CIRCLE, SW-BOUND	FROM MILEPOST 3.99 AROUND ROUNDABOUT TO MILEPOST 4.13 [MP 3.99 - MP 4.13]	Resurfacing



<i>PROJECT LENGTH</i>	
MAP	MILES
1	0.15
2	0.14

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

**This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.**



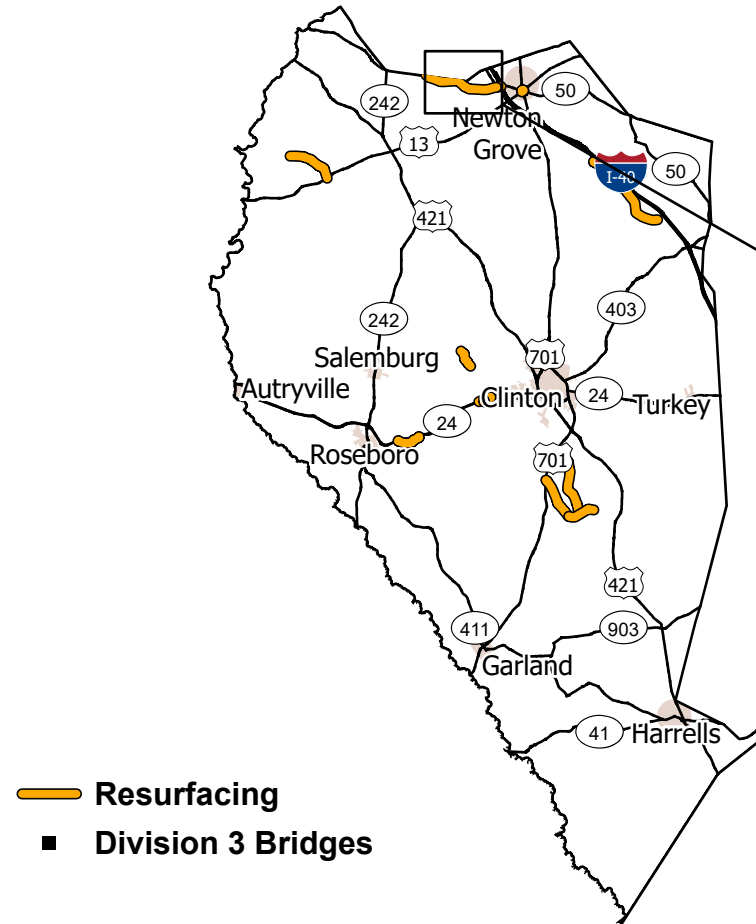
WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

**STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
SAMPSON COUNTY**

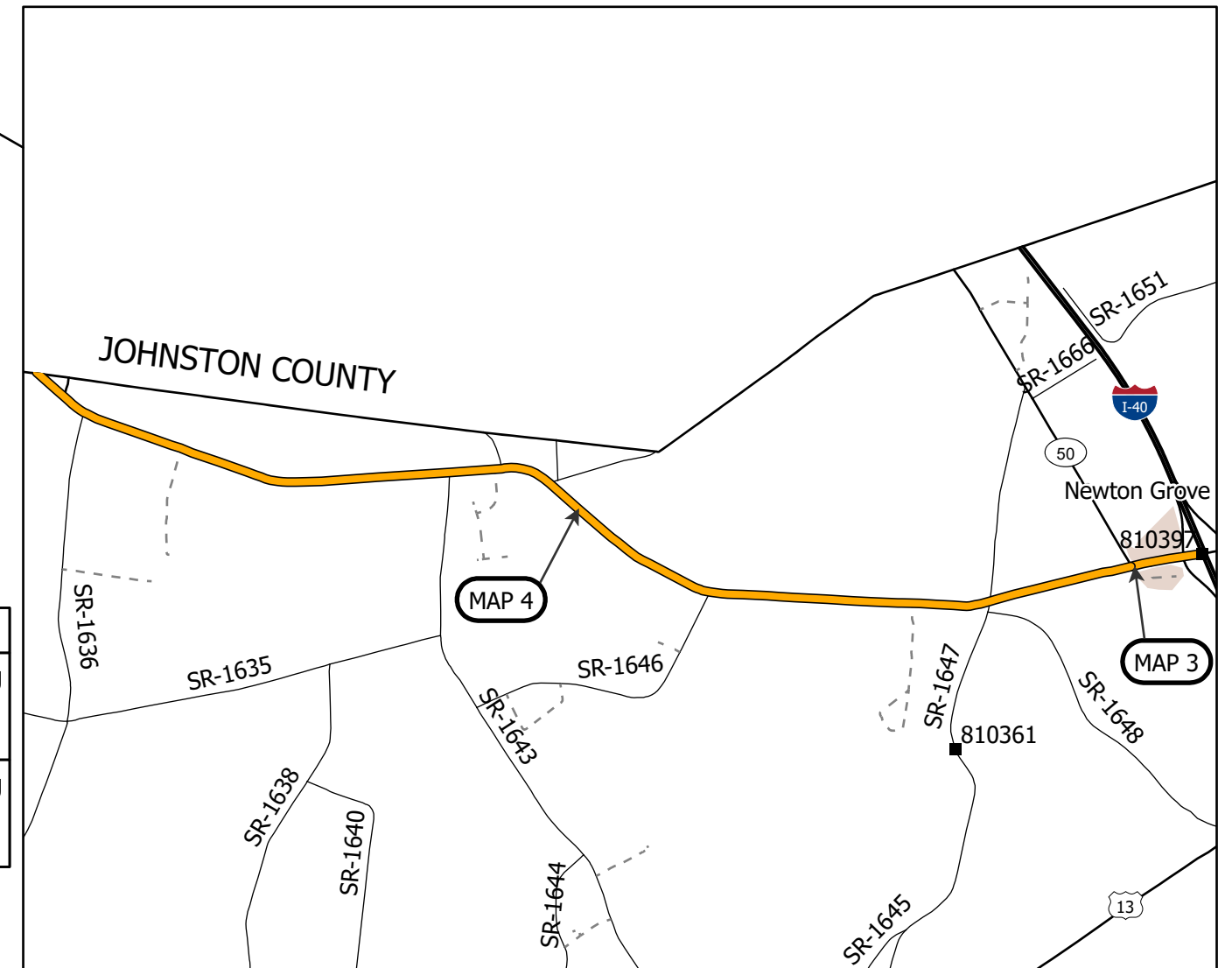
*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
3	NC-50, HARNETT-DUNN HIGHWAY	FROM I-40 OVERPASS BRIDGE TO NC HWY 55 [MP 16.40 - MP 16.66]	Resurfacing
4	NC-55, HARNETT-DUNN HIGHWAY	FROM NC HWY 50 TO JOHNSTON COUNTY LINE [MP 8.19 - MP 12.47]	Resurfacing



**PROJECT LENGTH**

MAP	MILES
3	0.26
4	4.28

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



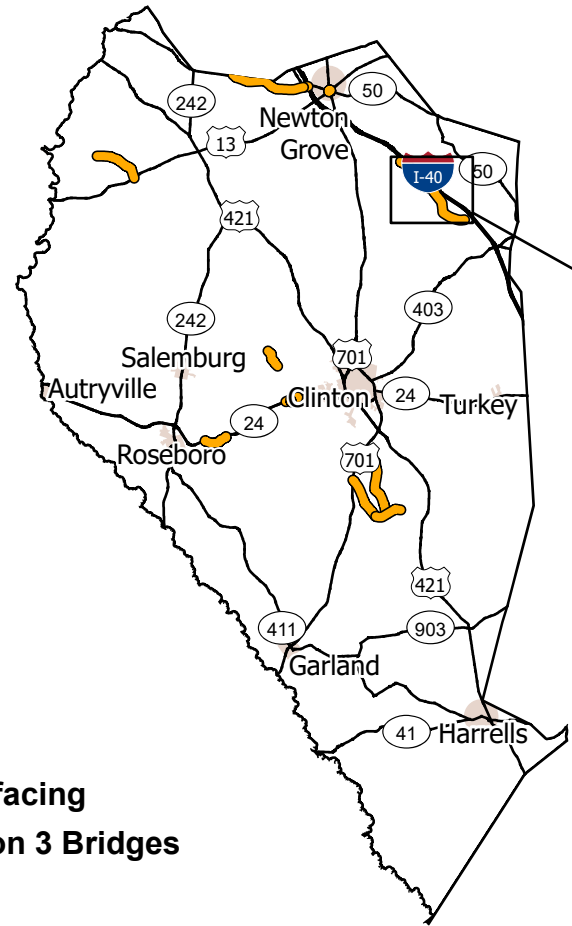
WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**SAMPSON COUNTY**

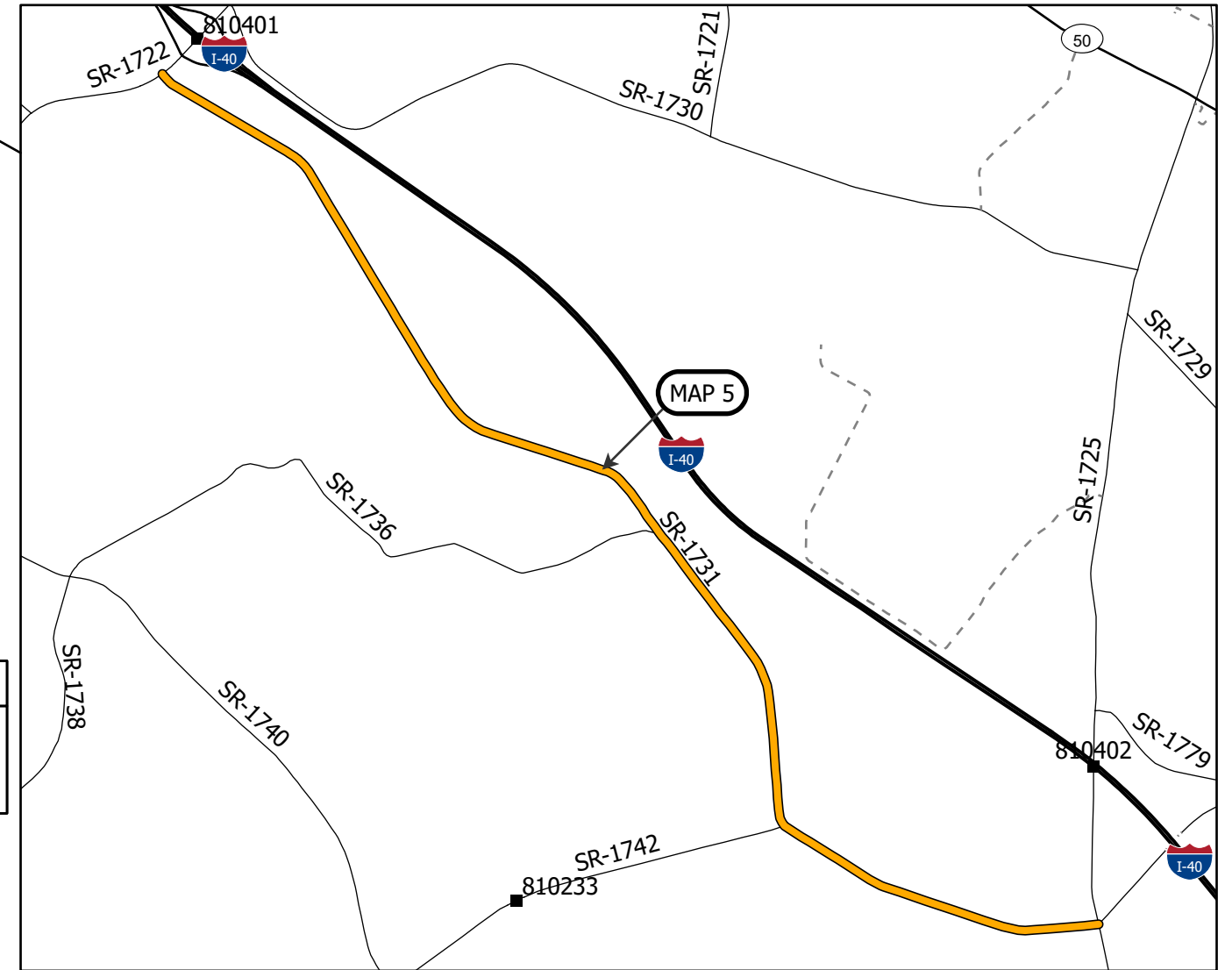
*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	3
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
5	SR-1731 / GOSHEN CHURCH RD	FROM SR 1722 (SUTTONTOWN RD) TO SR 1725 (GIDDENSVILLE RD) [MP 0.06 - MP 5.37]	Resurfacing



**PROJECT LENGTH**

MAP	MILES
5	5.31

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



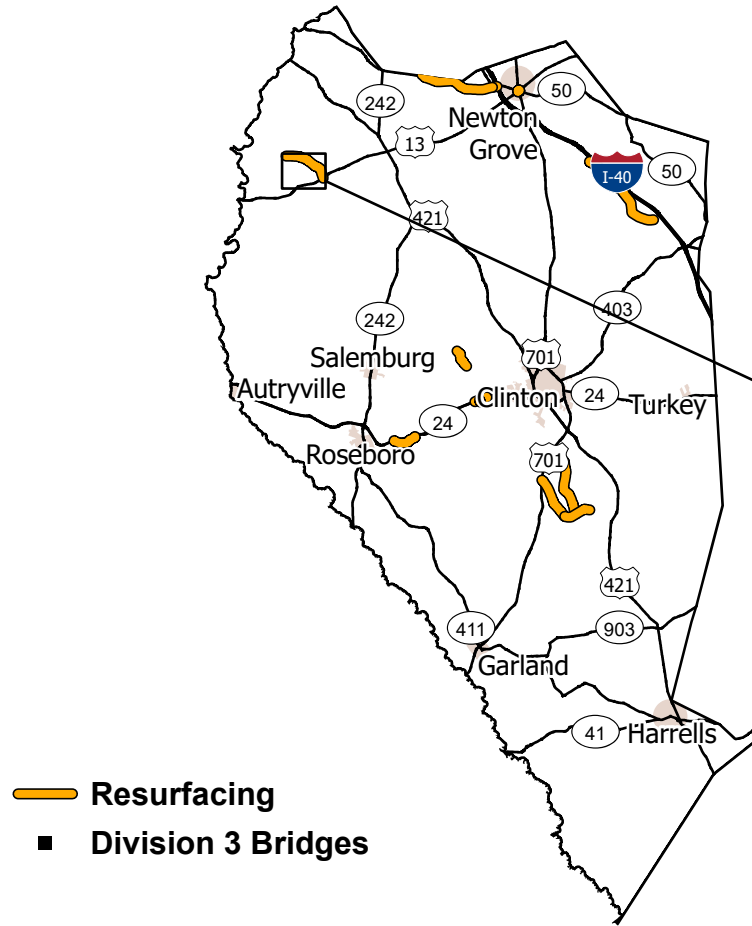
WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**SAMPSON COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	4
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
6	SR-1002 / MINGO CHURCH RD	FROM US HWY 13 (FAYETTEVILLE HWY) TO SR 1603 (GAINNEY RD) [MP 16.48 - MP 19.18]	Resurfacing



**PROJECT LENGTH**

MAP	MILES
6	2.70

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  

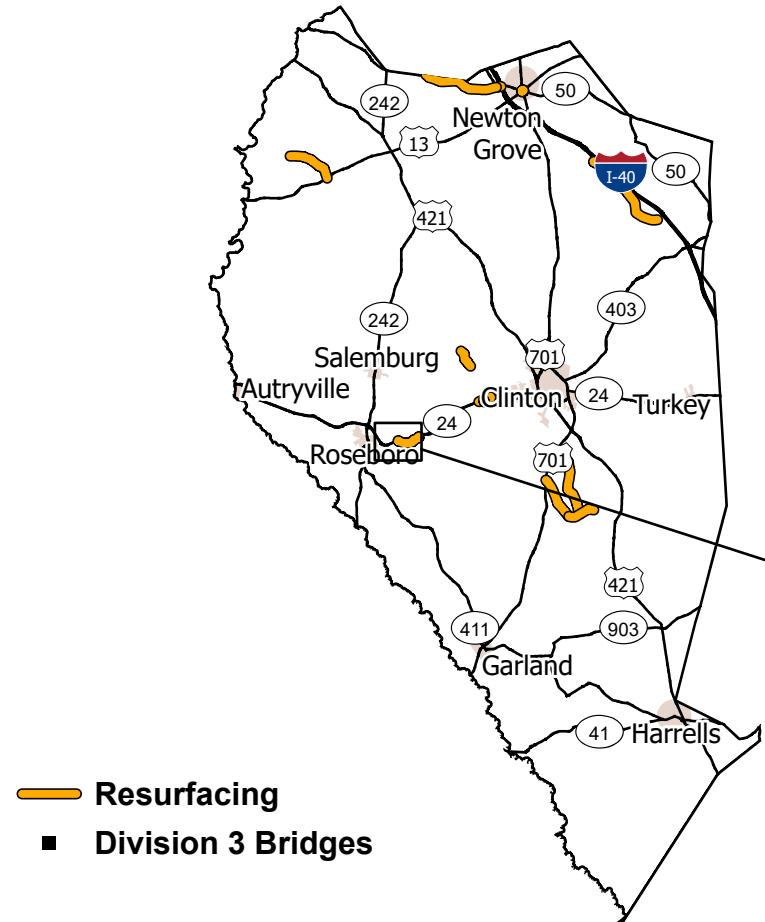

---

---

**SAMPSON COUNTY**

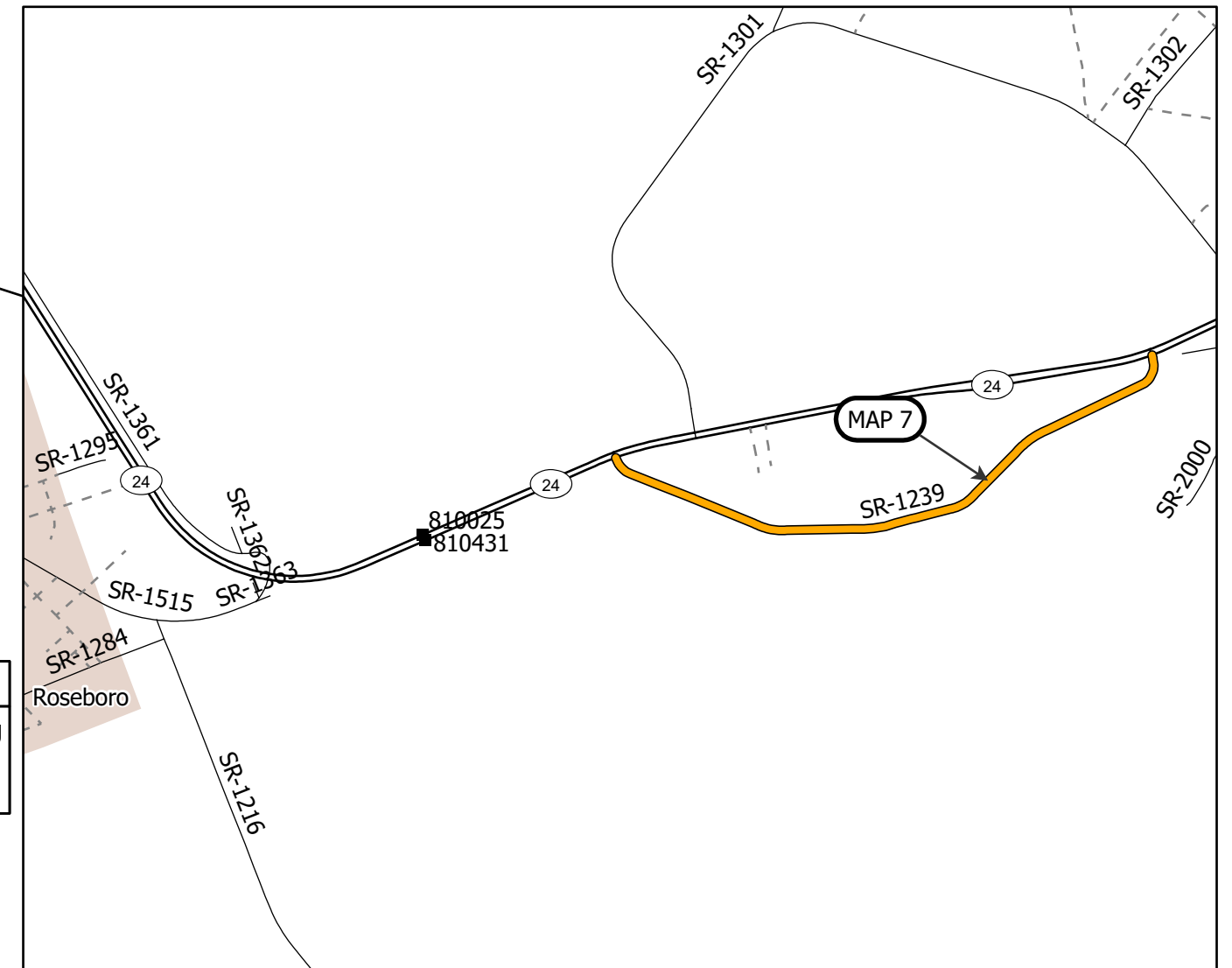
*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	5
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
7	SR-1239 / UNDERWOOD RD	FROM NC HWY 24 (ROSEBORO HWY) TO NC HWY 24 (ROSEBORO HWY) [MP 0.00 - MP 1.40]	Resurfacing



***PROJECT LENGTH***

MAP	MILES
7	1.40

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



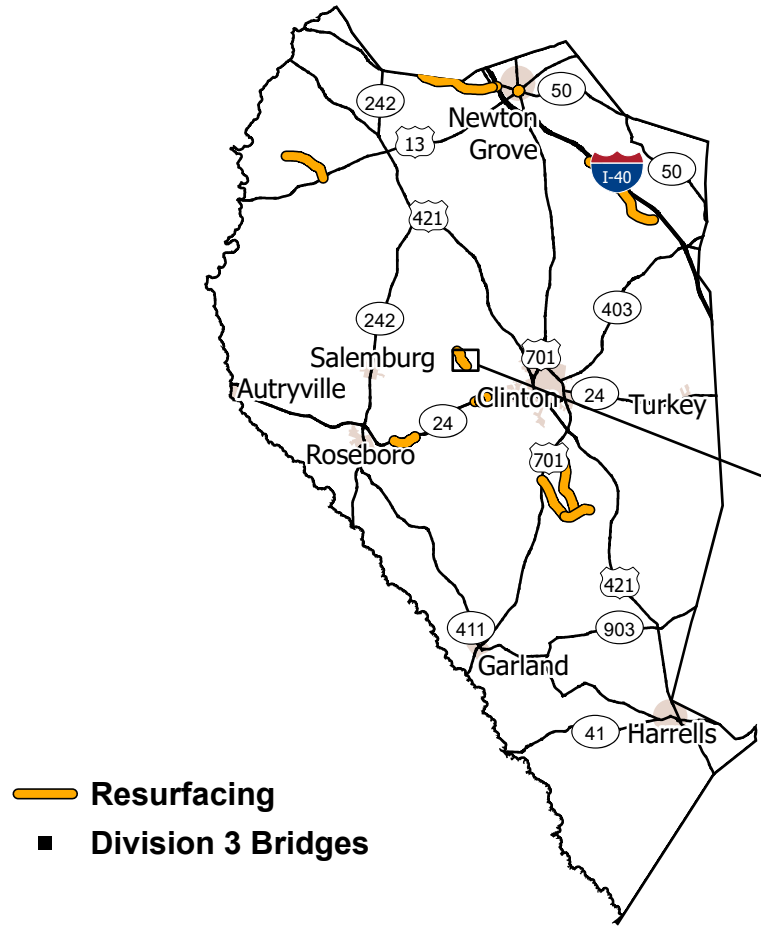
WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

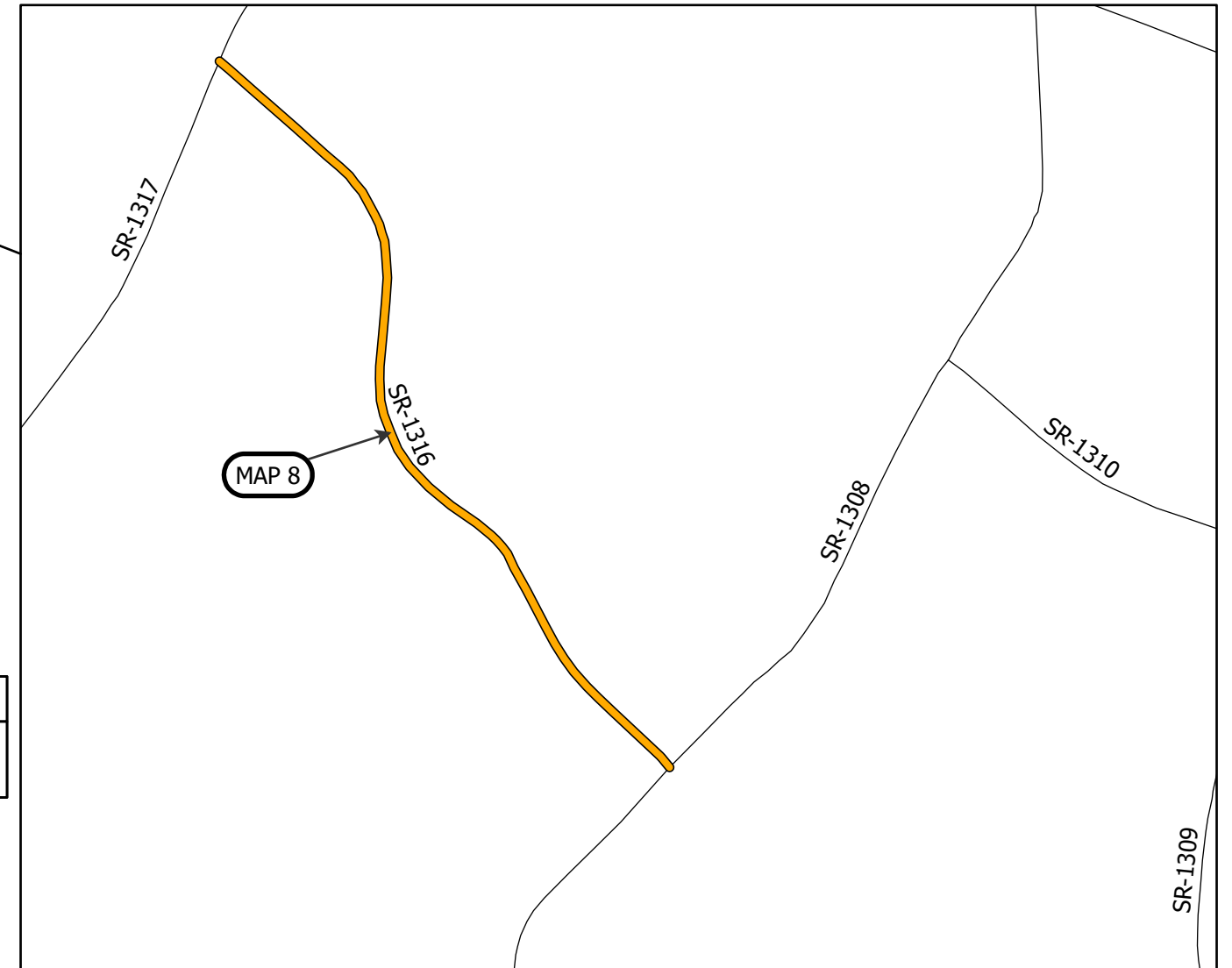
STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
**SAMPSON COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	6
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges



MAP	ROUTE	Description	TYPE
8	SR-1316 / MURPHY RD	FROM SR 1308 (BOONE RD) TO SR 1317 (FREDRICK RD) [MP 0.00 - MP 1.08]	Resurfacing

**PROJECT LENGTH**

MAP	MILES
8	1.08

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  

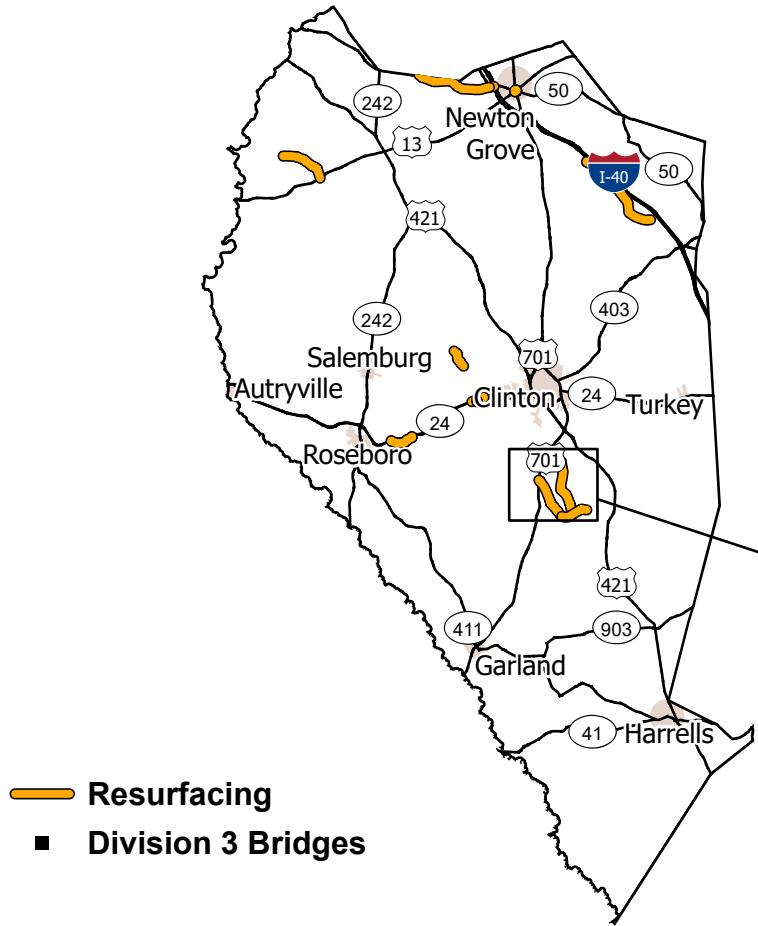

---

---

**SAMPSON COUNTY**

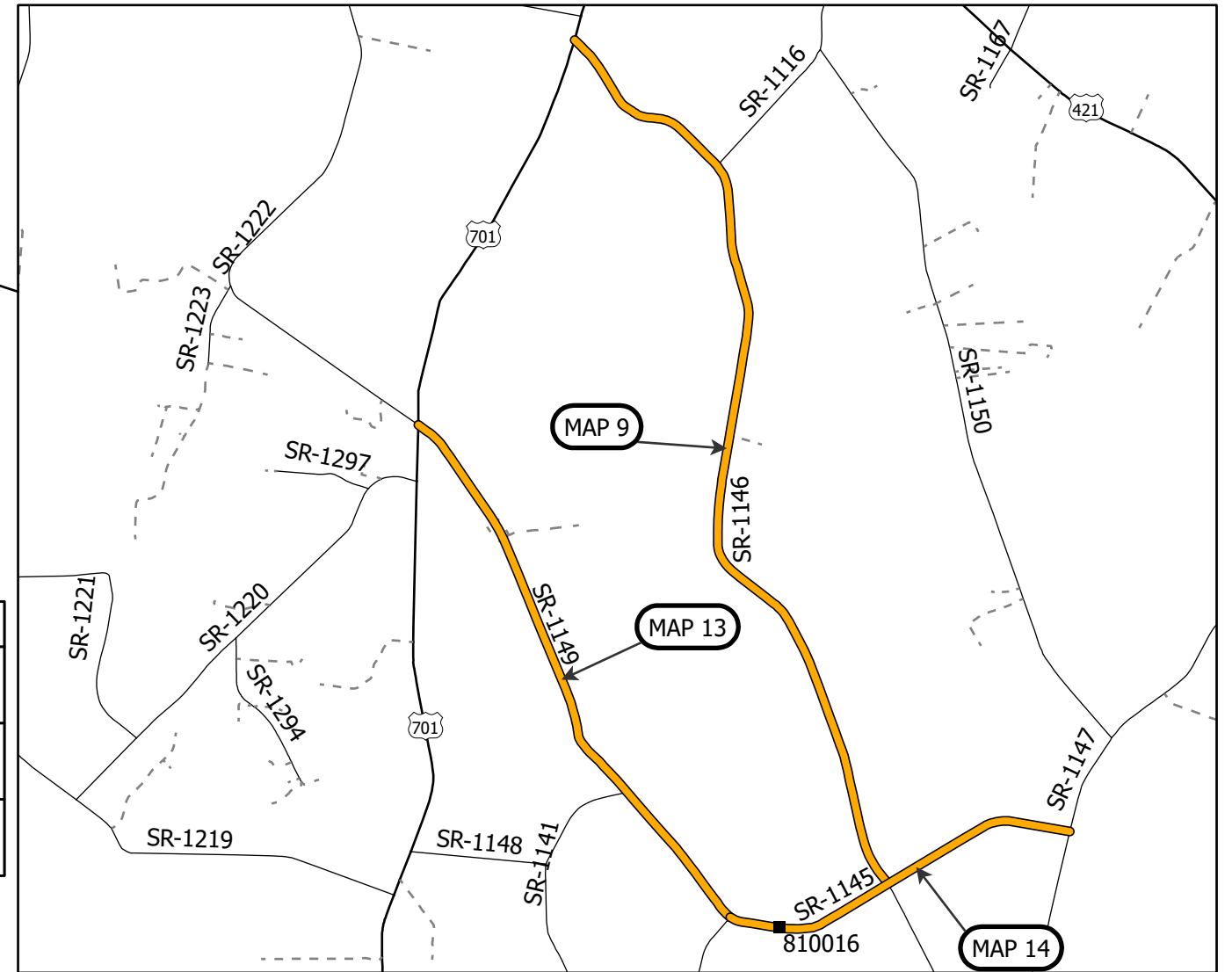
*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	7
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges

MAP	ROUTE	Description	TYPE
9	SR-1146 / MOSELEY AVE	FROM SR 1145 (BONEY MILL RD) TO US HWY 701 (GARLAND HWY) [MP 2.46 - MP 6.55]	Resurfacing
13	SR-1149 / CHANCEY RD	FROM US HWY 701 TO SR 1145 (BONEY MILL RD) [MP 0.00 - MP 2.49]	Resurfacing
14	SR-1145 / BONEY MILL RD	FROM SR 1145 (BONEY MILL RD) TO SR 1147 (W MT GILEAD CHURCH RD) [MP 1.90 - MP 3.48]	Resurfacing



**PROJECT LENGTH**

MAP	MILES
9	4.09
13	2.49
14	1.58

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.



WBS NO: 2024CPT.03.12.10821, ETC.

CONTRACT: C204965

**STATE OF NORTH CAROLINA**  
**DIVISION OF HIGHWAYS**  

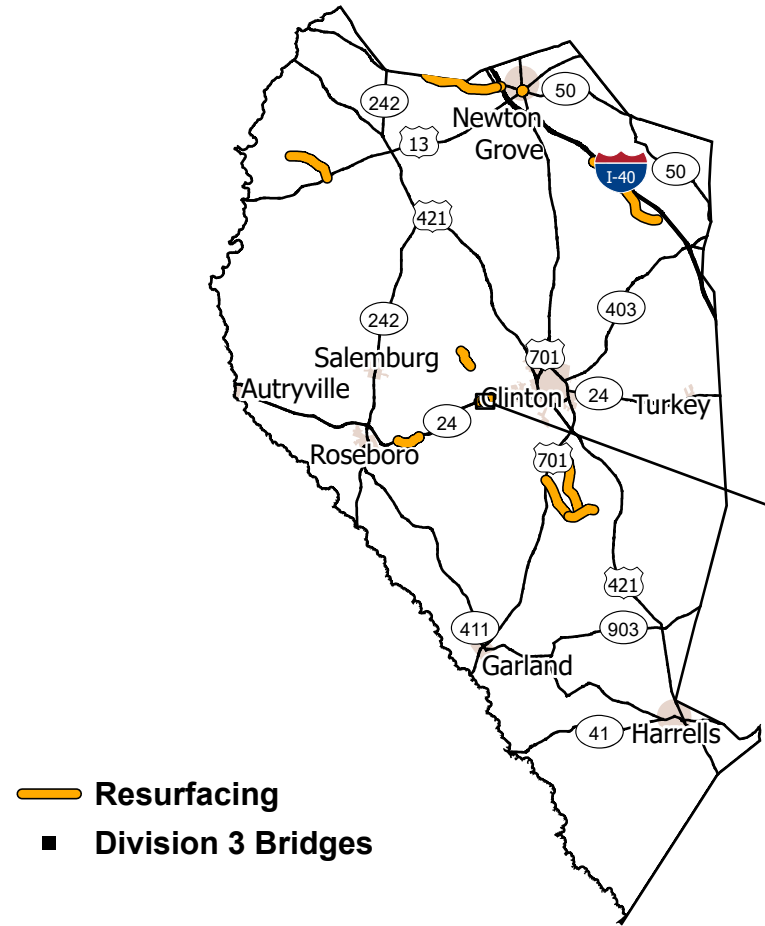

---

---

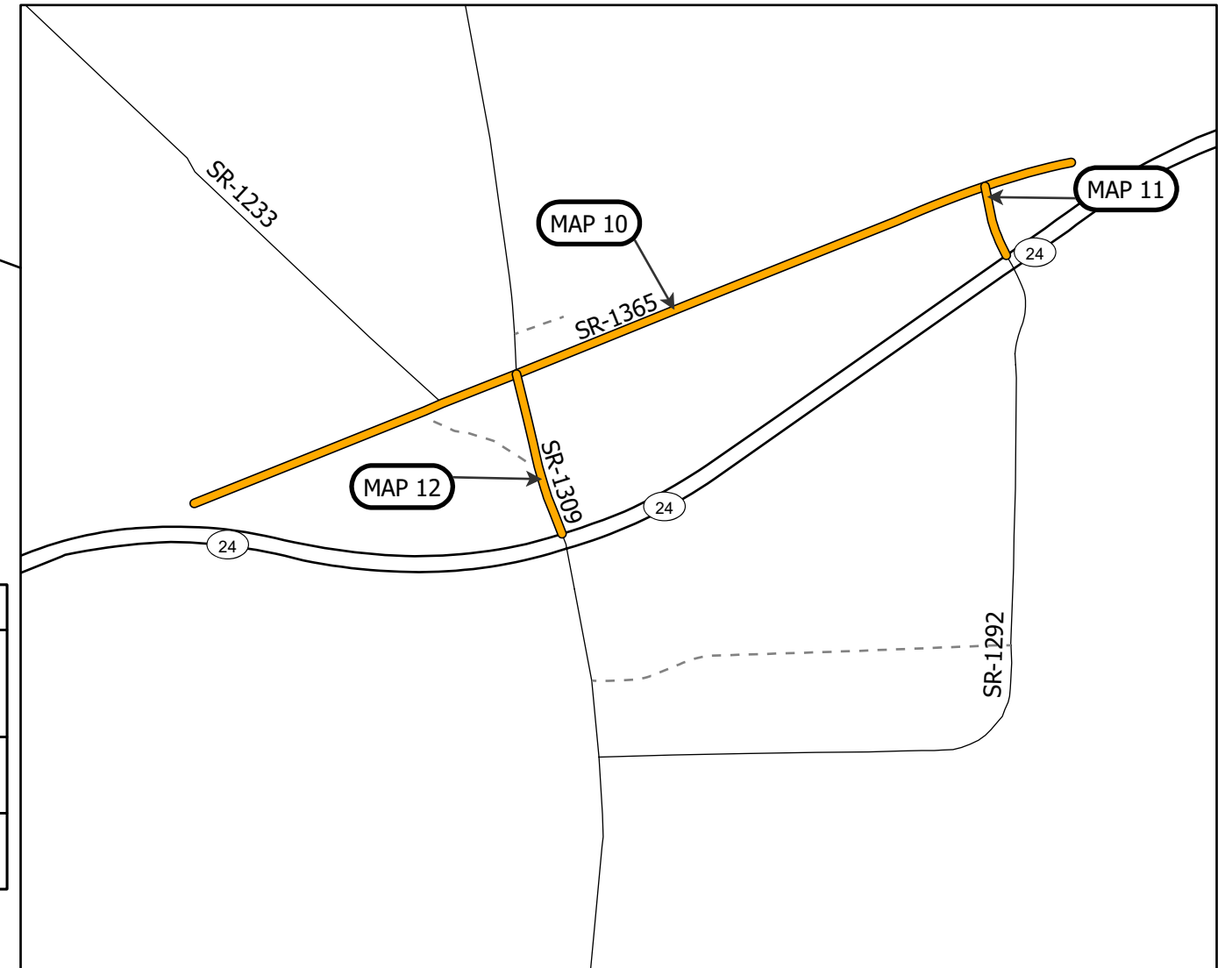
**SAMPSON COUNTY**

*TYPE OF WORK: RESURFACING*

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2024CPT.03.12.10821, ETC.	8
STATE PROJECT NUMBER		DESCRIPTION



- Resurfacing
- Division 3 Bridges



MAP	ROUTE	Description	TYPE
10	SR-1365 / ROSEBORO HWY	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.79]	Resurfacing
11	SR-1292 / DIXIE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 0.75 - MP 0.80]	Resurfacing
12	SR-1309 / BASS LAKE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 5.08 - MP 5.21]	Resurfacing

**PROJECT LENGTH**

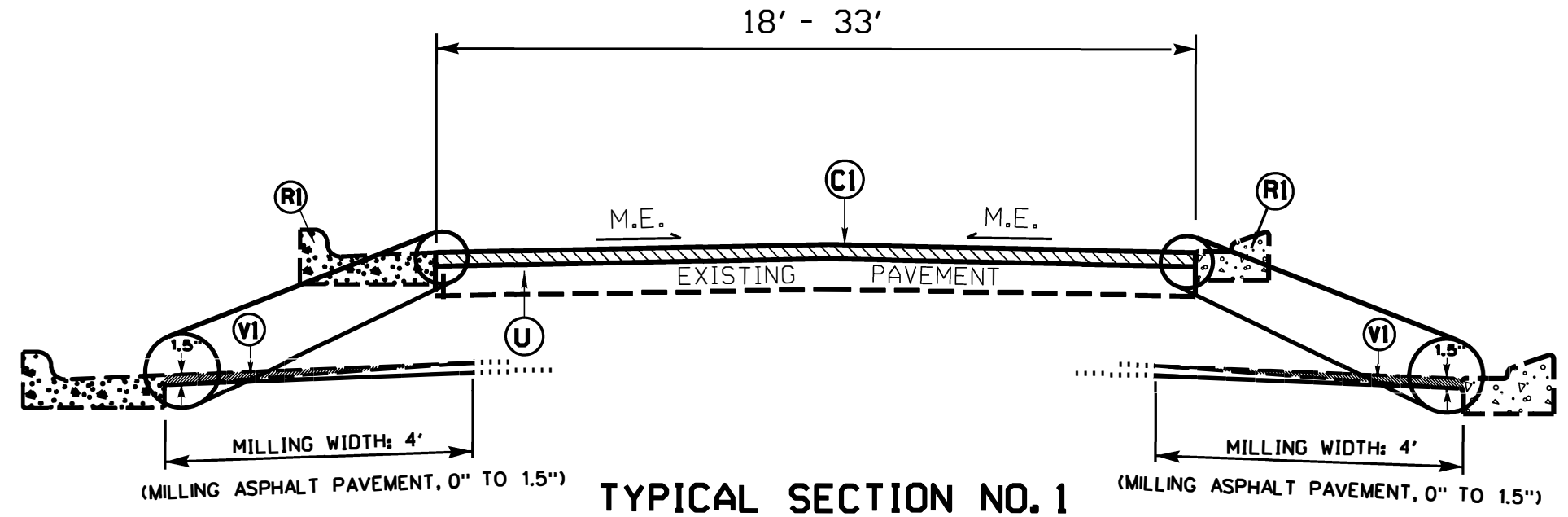
MAP	MILES
10	0.79
11	0.05
12	0.13

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
 5501 BARBADOS BLVD., CASTLE HAYNE, NC, 28429

This exhibit does not meet NC 47-30 requirements and therefore is not intended for design, construction, or recording or transfer of title.







**TYPICAL SECTION NO. 1**

MAP NO. 1  
US-13 NEWTON GROVE TRAFFIC CIRCLE NE  
MP 17.72 - MP 17.87

MAP NO. 2  
US-13 NEWTON GROVE TRAFFIC CIRCLE SW  
MP 3.99 - MP 4.13

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1/2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C2	PROP. APPROX. 1/2" 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.
R1	EXISTING CURB & GUTTER
R2	EXISTING CONCRETE BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	VARIABLE MILLING, 0" - 1/2" DEPTH
V2	1 1/2" MILLING DEPTH

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

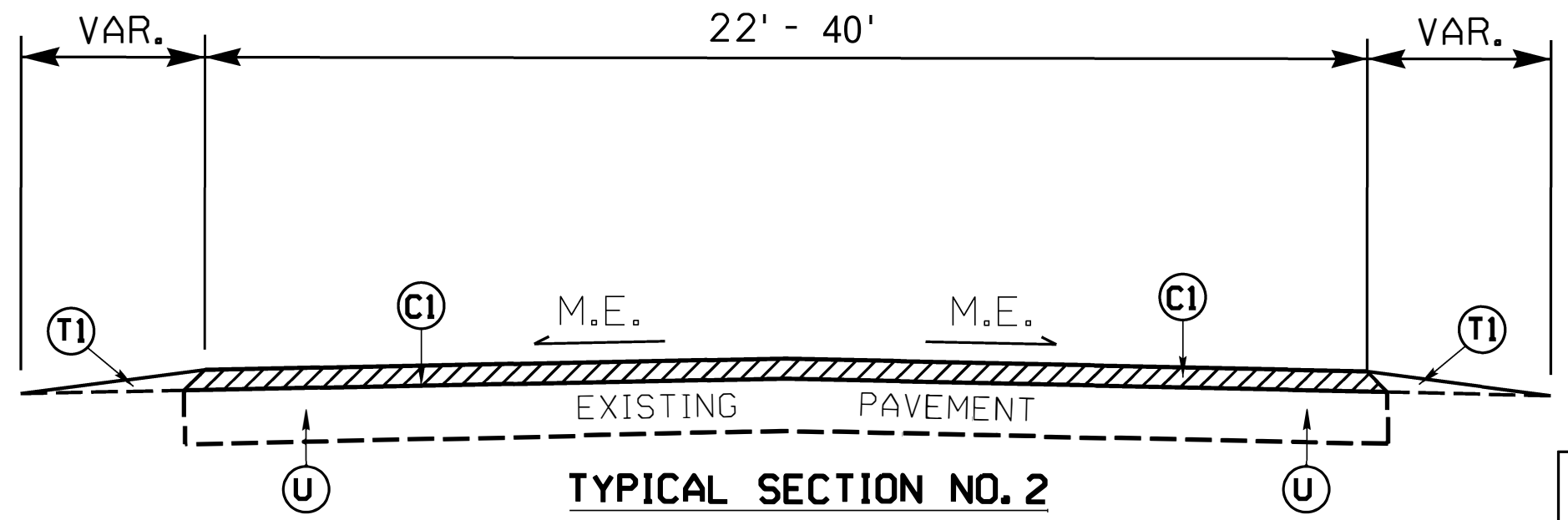
MAP NO. 1 & 2: THE CONTRACTOR SHALL REINSTALL STRIPING AS EXISTING.

SHOULDER WORK ON MAP NO. 3-14 AS NEEDED, TO BE DETERMINED BY ENGINEER.

MAP NO. 3 - NO ASPHALT WORK ON SAMPSON BRIDGE NO. 397 MP 16.36 - MP 16.41

MAP NO. 6 & 14: THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS AND REINSTALL MARKINGS @ SAME.

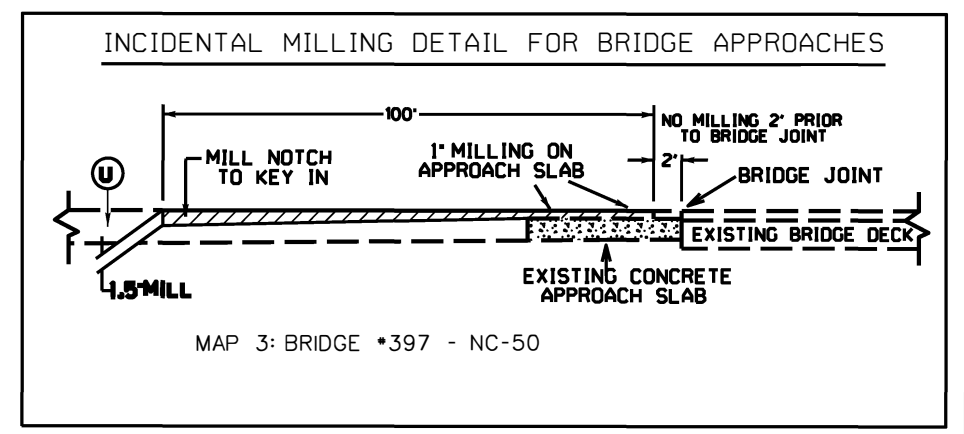
PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.



**TYPICAL SECTION NO. 2**

MAP NO. 3  
NC-50 (HARNETT-DUNN HWY)  
MP 16.40 - MP 16.66

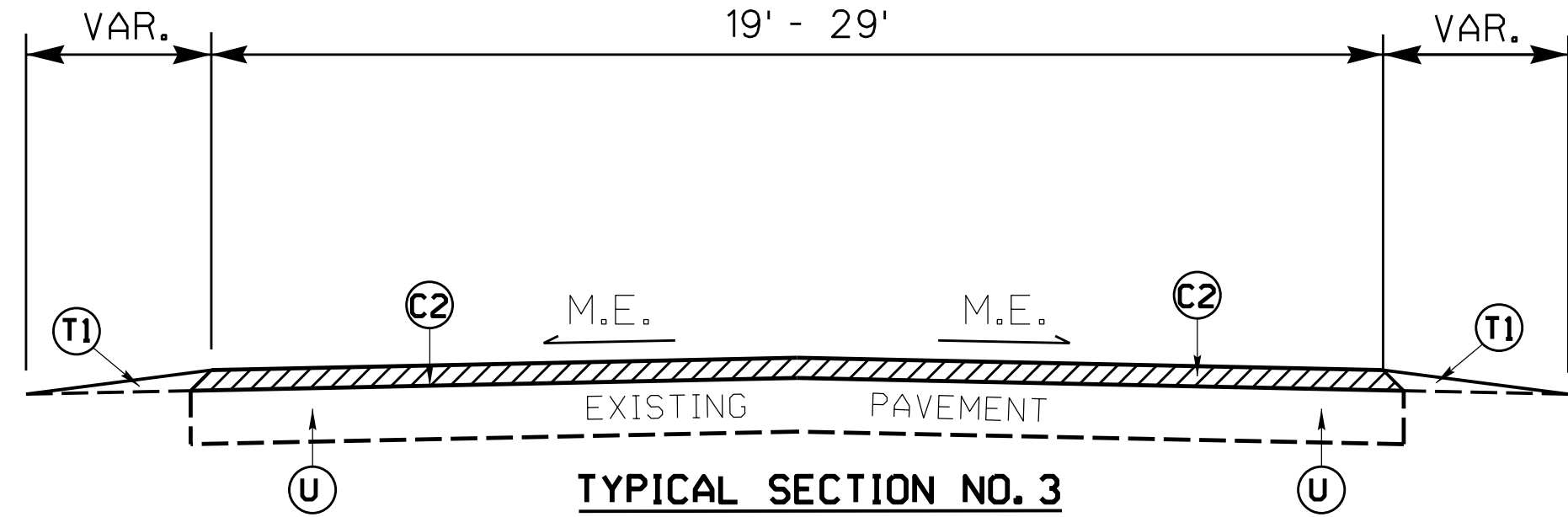
MAP NO. 4  
NC-55 (HARNETT-DUNN HWY)  
MP 8.19 - MP 12.47



MAP 3: BRIDGE \*397 - NC-50

REVISIONS

8/17/99  
SYSTEMS TIME



**TYPICAL SECTION NO. 3**

MAP NO. 5  
SR-1731 (GOSHEN CHURCH RD)  
MP 0.06 - MP 5.37

MAP NO. 9  
SR-1146 (MOSELEY AVE)  
MP 2.46 - MP 6.55

MAP NO. 12  
SR-1309 (BASS LAKE RD)  
MP 5.08 - MP 5.21

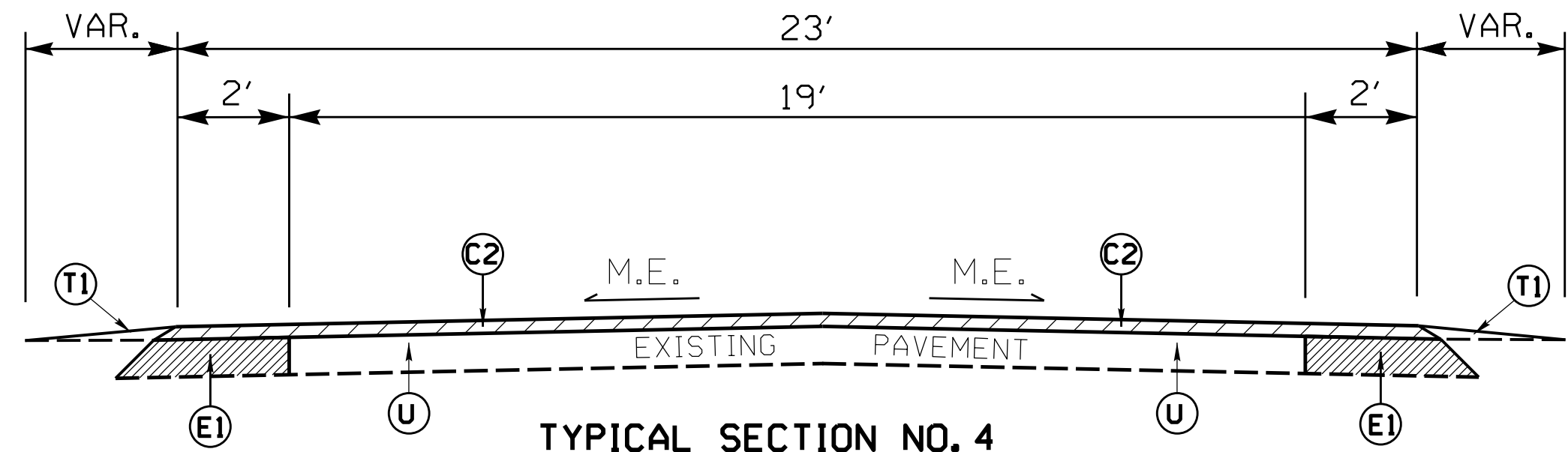
MAP NO. 7  
SR-1239 (UNDERWOOD RD)  
MP 0.00 - MP 1.40

MAP NO. 10  
SR-1365 (OLD ROSEBORO HWY)  
MP 0.00 - MP 0.79

MAP NO. 13  
SR-1149 (CHANCEY RD)  
MP 0.00 - MP 2.49

MAP NO. 8  
SR-1316 (MURPHY RD)  
MP 0.00 - MP 1.08

MAP NO. 11  
SR-1292 (DIXIE RD)  
MP 0.75 - MP 0.80



**TYPICAL SECTION NO. 4**

MAP NO. 6  
SR-1002 (MINGO CHURCH RD)  
MP 16.48 - MP 19.18

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1/2" 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

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

SHOULDER WORK ON MAP NO. 3-14 AS NEEDED, TO BE DETERMINED BY ENGINEER.

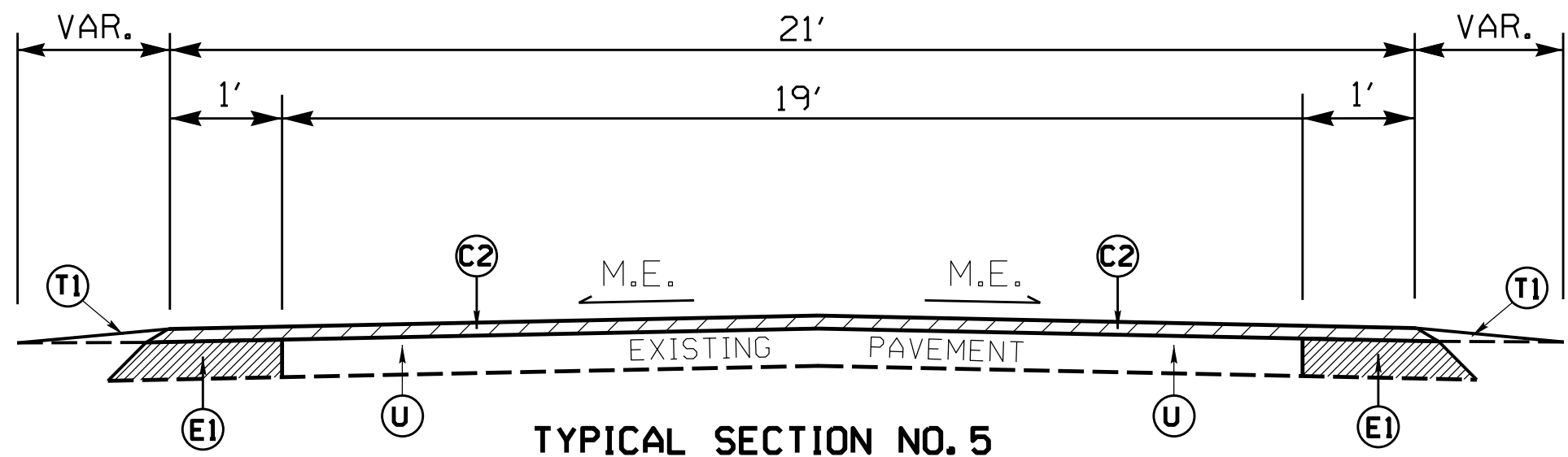
MAP NO. 6 & 14: THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS AND REINSTALL MARKINGS @ SAME.

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

REVISIONS

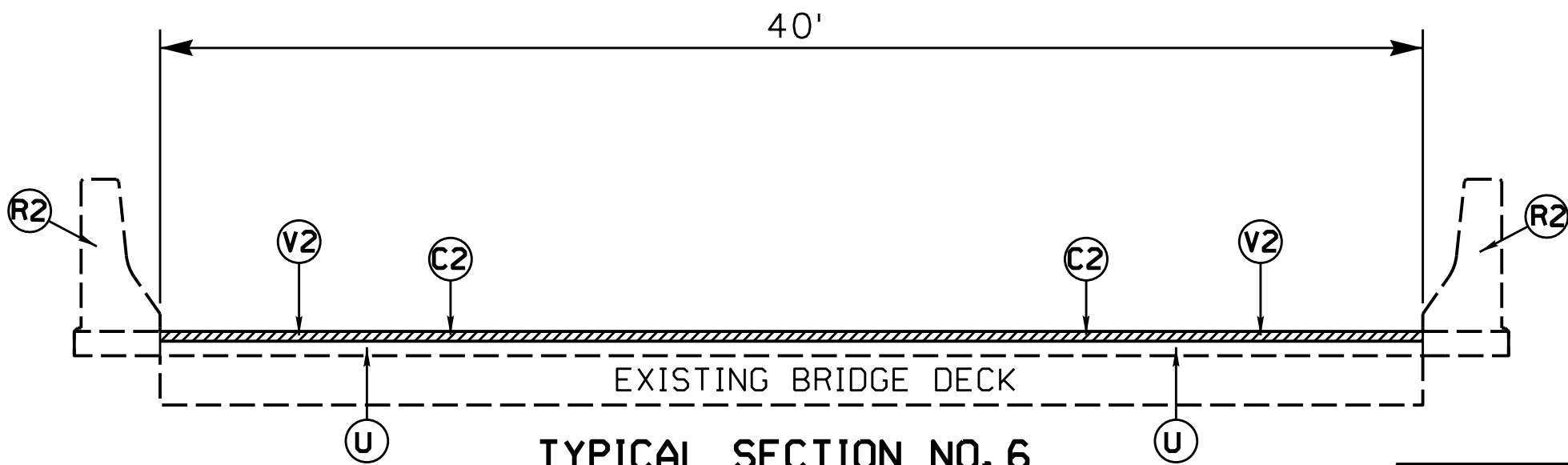
8/17/99

\$\$\$\$\$SYTIME\$\$\$\$\$  
\$\$\$\$\$DATE\$\$\$\$\$



**TYPICAL SECTION NO. 5**

MAP NO. 14  
 SR-1145 (BONEY MILL RD)  
 MP 1.90 - MP 3.48  
 (V2) FRIS MILL 1-1/2"  
 MP 2.08 - MP 2.16



**TYPICAL SECTION NO. 6**

MAP NO. 14  
 SR 1145 (BONEY MILL RD)  
 BRIDGE NO. 16  
 MP 2.11 - MP 2.17

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1/2" 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.
R2	EXISTING CONCRETE BRIDGE RAIL
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V2	1/2" MILLING DEPTH

**NOTES:** MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.  
 SHOULDER WORK ON MAP NO. 3-14 AS NEEDED, TO BE DETERMINED BY ENGINEER.  
 MAP NO. 6 & 14; THE CONTRACTOR SHALL RETAIN EXISTING LANE WIDTHS AND REINSTALL MARKINGS @ SAME.  
 PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE. SEE SHOULDER WEDGE DETAIL.

EFF. 01-16-2024  
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

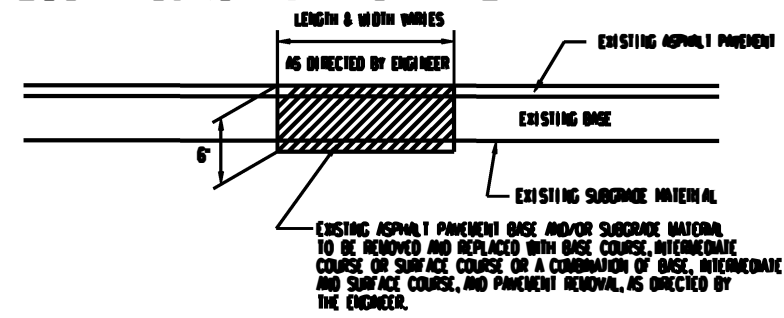
The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
<b>DIVISION 8 - INCIDENTALS</b>	
846.01	Concrete Curb, Gutter and Curb & Gutter
<b>DIVISION 12 - PAVT MARKING, MARKERS AND DELINEATION</b>	
1205.08	Pavement Markings - Symbols & Word Messages

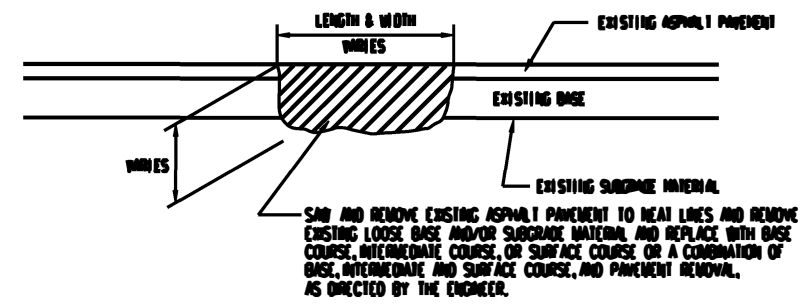
REVISIONS

8/17/99  
 SYSTEM TIME 11:55 AM 8/17/99  
 PLOT DATE 8/17/99  
 PLOT TIME 11:55 AM 8/17/99

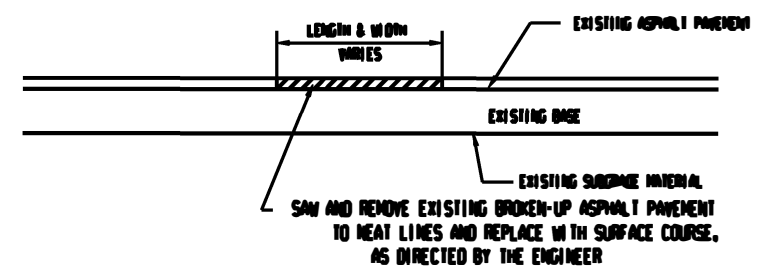
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



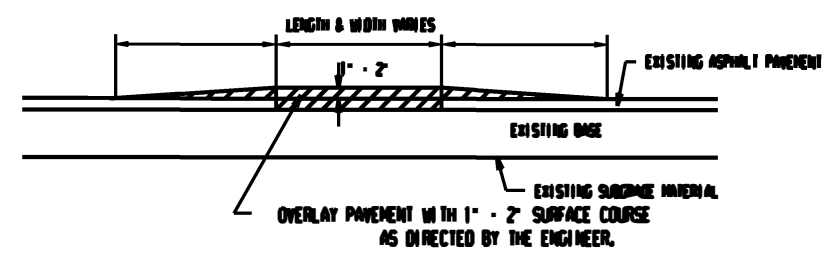
DETAIL NO. 1



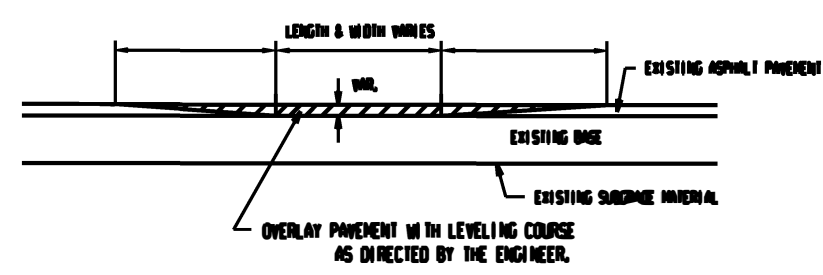
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4



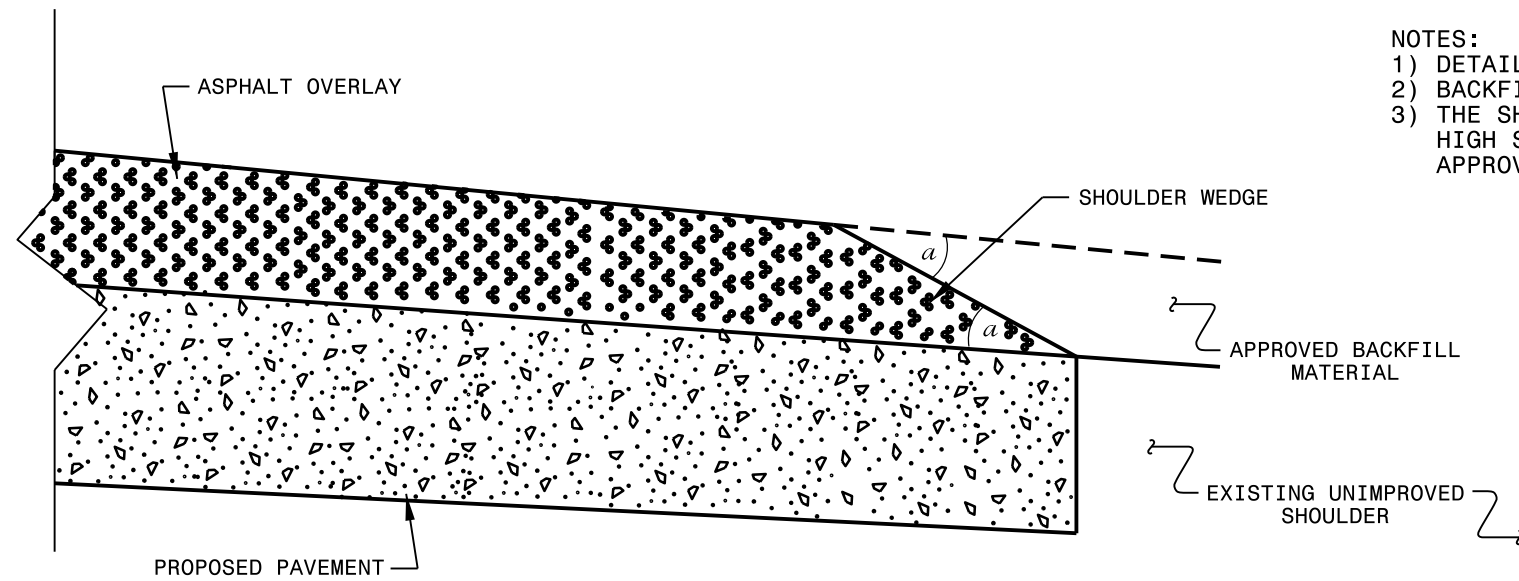
DETAIL NO. 5

REVISIONS

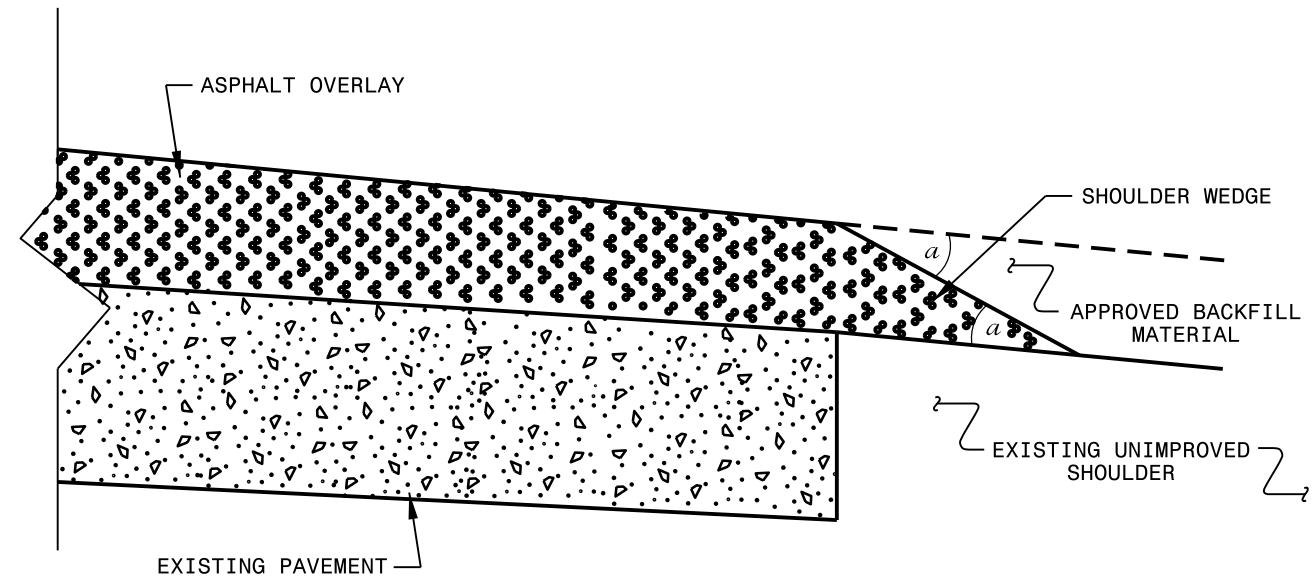
8/17/99

SYSTEMS TIME SYSTEMS  
 8/17/99 10:00 AM

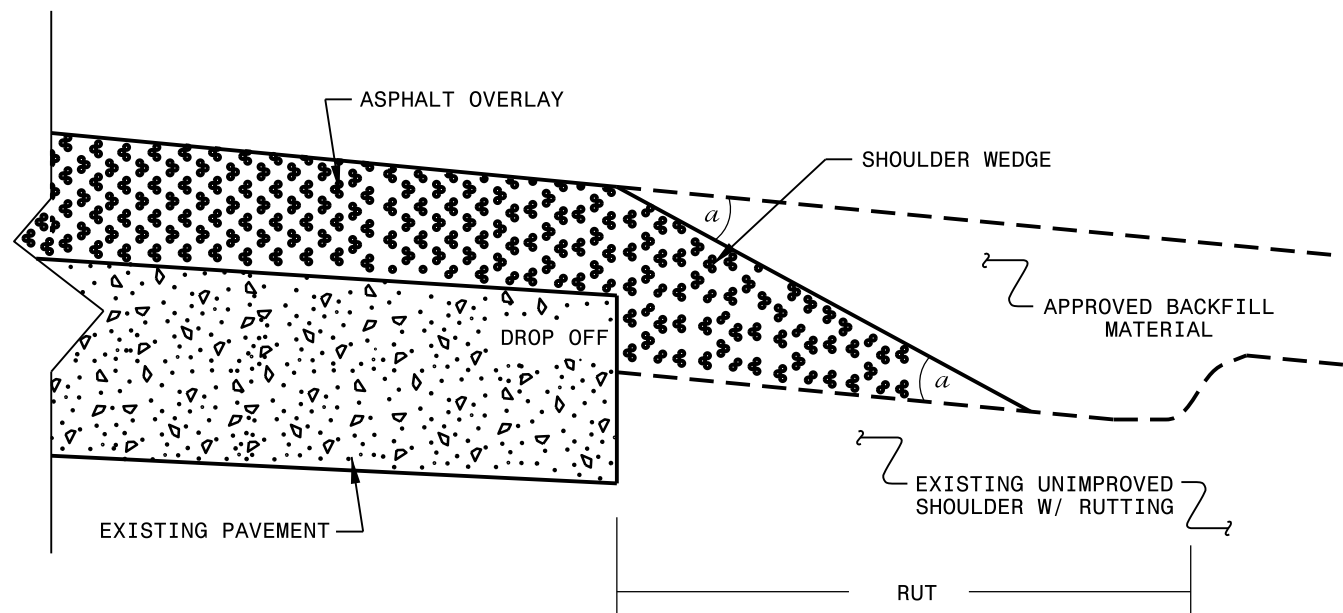
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**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°

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>			
Office 919-707-6950		FAX 919-250-4119	
<b>SHOULDER WEDGE DETAILS</b>			
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			









PROJECT NO.	SHEET NO.
2024CPT.03.12.10821,ETC.	16

## 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	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N
														WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL
														LF	AC	LB	TON	EA
2024CPT.03.12.10821	Sampson	1	US-13, NEWTON GROVE TRAFFIC CIRCLE, NE-BOUND	FROM MILEPOST 17.72 AROUND ROUNDABOUT TO MILEPOST 17.87 [MP 17.72 - MP 17.87]	1	2	2WD	NO	NO	0.15	33	17.72	17.87					
<b>TOTAL FOR MAP NO. 1</b>										<b>0.15</b>								
2024CPT.03.12.10821	Sampson	2	US-13, NEWTON GROVE TRAFFIC CIRCLE, SW-BOUND	FROM MILEPOST 3.99 AROUND ROUNDABOUT TO MILEPOST 4.13 [MP 3.99 - MP 4.13]	1	2	2WD	NO	NO	0.14	33	3.99	4.13					
<b>TOTAL FOR MAP NO. 2</b>										<b>0.14</b>								
2024CPT.03.12.10821	Sampson	3	NC-50, HARNETT-DUNN HIGHWAY	FROM I-40 OVERPASS BRIDGE TO NC HWY 55 [MP 16.40 - MP 16.66]	2	2	2WU	NO	NO	0.26	40	16.4	16.66	10	0.25	15	0.07	2
<b>TOTAL FOR MAP NO. 3</b>										<b>0.26</b>				<b>10</b>	<b>0.25</b>	<b>15</b>	<b>0.07</b>	<b>2</b>
2024CPT.03.12.10821	Sampson	4	NC-55, HARNETT-DUNN HIGHWAY	FROM NC HWY 50 TO JOHNSTON COUNTY LINE [MP 8.19 - MP 12.47]	2	2	2WU	NO	NO	4.28	26	8.19	12.47	70	4.15	215	1.10	9
<b>TOTAL FOR MAP NO. 4</b>										<b>4.28</b>				<b>70</b>	<b>4.15</b>	<b>215</b>	<b>1.10</b>	<b>9</b>
<b>TOTAL FOR PROJ NO. 2024CPT.03.12.10821</b>										<b>4.83</b>				<b>80</b>	<b>4.40</b>	<b>230</b>	<b>1.17</b>	<b>11</b>
2024CPT.03.12.20821	Sampson	5	SR-1731 / GOSHEN CHURCH RD	FROM SR 1722 (SUTTONTOWN RD) TO SR 1725 (GIDDENSVILLE RD) [MP 0.06 - MP 5.37]	3	2	2WU	NO	NO	5.31	19	0.06	5.37	90	5.20	270	1.35	11
<b>TOTAL FOR MAP NO. 5</b>										<b>5.31</b>				<b>90</b>	<b>5.20</b>	<b>270</b>	<b>1.35</b>	<b>11</b>
2024CPT.03.12.20821	Sampson	6	SR-1002 / MINGO CHURCH RD	FROM US HWY 13 (FAYETTEVILLE HWY) TO SR 1603 (GAINEY RD) [MP 16.48 - MP 19.18]	4	2	2WU	NO	NO	2.7	23	16.48	19.18	50	2.60	135	0.70	5
<b>TOTAL FOR MAP NO. 6</b>										<b>2.7</b>				<b>50</b>	<b>2.60</b>	<b>135</b>	<b>0.70</b>	<b>5</b>
2024CPT.03.12.20821	Sampson	7	SR-1239 / UNDERWOOD RD	FROM NC HWY 24 (ROSEBORO HWY) TO NC HWY 24 (ROSEBORO HWY) [MP 0.00 - MP 1.40]	3	2	2WU	NO	NO	1.4	20	0	1.4	20	1.15	60	0.30	2
<b>TOTAL FOR MAP NO. 7</b>										<b>1.4</b>				<b>20</b>	<b>1.15</b>	<b>60</b>	<b>0.30</b>	<b>2</b>
2024CPT.03.12.20821	Sampson	8	SR-1316 / MURPHY RD	FROM SR 1308 (BOONE RD) TO SR 1317 (FREDRICK RD) [MP 0.00 - MP 1.08]	3	2	2WU	NO	NO	1.08	20	0	1.08	30	1.35	55	0.25	2
<b>TOTAL FOR MAP NO. 8</b>										<b>1.08</b>				<b>30</b>	<b>1.35</b>	<b>55</b>	<b>0.25</b>	<b>2</b>
2024CPT.03.12.20821	Sampson	9	SR-1146 / MOSELEY AVE	FROM SR 1145 (BONEY MILL RD) TO US HWY 701 (GARLAND HWY) [MP 2.46 - MP 6.55]	3	2	2WU	NO	NO	4.09	20	2.46	6.55	70	3.95	205	1.00	8
<b>TOTAL FOR MAP NO. 9</b>										<b>4.09</b>				<b>70</b>	<b>3.95</b>	<b>205</b>	<b>1.00</b>	<b>8</b>
2024CPT.03.12.20821	Sampson	10	SR-1365 / ROSEBORO HWY	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.79]	3	2	2WU	NO	NO	0.79	26	0	0.79	20	0.75	40	0.20	2
<b>TOTAL FOR MAP NO. 10</b>										<b>0.79</b>				<b>20</b>	<b>0.75</b>	<b>40</b>	<b>0.20</b>	<b>2</b>
2024CPT.03.12.20821	Sampson	11	SR-1292 / DIXIE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 0.75 - MP 0.80]	3	2	2WU	NO	NO	0.05	26	0.75	0.8	10	0.05	5	0.02	2
<b>TOTAL FOR MAP NO. 11</b>										<b>0.05</b>				<b>10</b>	<b>0.05</b>	<b>5</b>	<b>0.02</b>	<b>2</b>
2024CPT.03.12.20821	Sampson	12	SR-1309 / BASS LAKE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 5.08 - MP 5.21]	3	2	2WU	NO	NO	0.13	21	5.08	5.21	10	0.15	7	0.03	2
<b>TOTAL FOR MAP NO. 12</b>										<b>0.13</b>				<b>10</b>	<b>0.15</b>	<b>7</b>	<b>0.03</b>	<b>2</b>
2024CPT.03.12.20821	Sampson	13	SR-1149 / CHANCEY RD	FROM US HWY 701 TO SR 1145 (BONEY MILL RD) [MP 0.00 - MP 2.49]	3	2	2WU	NO	NO	2.49	21	0	2.49	40	2.40	125	0.62	5
<b>TOTAL FOR MAP NO. 13</b>										<b>2.49</b>				<b>40</b>	<b>2.40</b>	<b>125</b>	<b>0.62</b>	<b>5</b>
2024CPT.03.12.20821	Sampson	14	SR-1145 / BONEY MILL RD	FROM SR 1145 (BONEY MILL RD) TO SR 1147 (W MT GILEAD CHURCH RD) [MP 1.90 - MP 3.48]	5	2	2WU	NO	NO	1.58	23	1.9	3.48	30	1.50	80	0.40	4
<b>TOTAL FOR MAP NO. 14</b>										<b>1.58</b>				<b>30</b>	<b>1.50</b>	<b>80</b>	<b>0.40</b>	<b>4</b>
<b>TOTAL FOR PROJ NO. 2024CPT.03.12.20821</b>										<b>19.62</b>				<b>370</b>	<b>19.10</b>	<b>982</b>	<b>4.87</b>	<b>43</b>
<b>GRAND TOTAL</b>										<b>24.45</b>				<b>450</b>	<b>23.50</b>	<b>1,212</b>	<b>6.04</b>	<b>54</b>



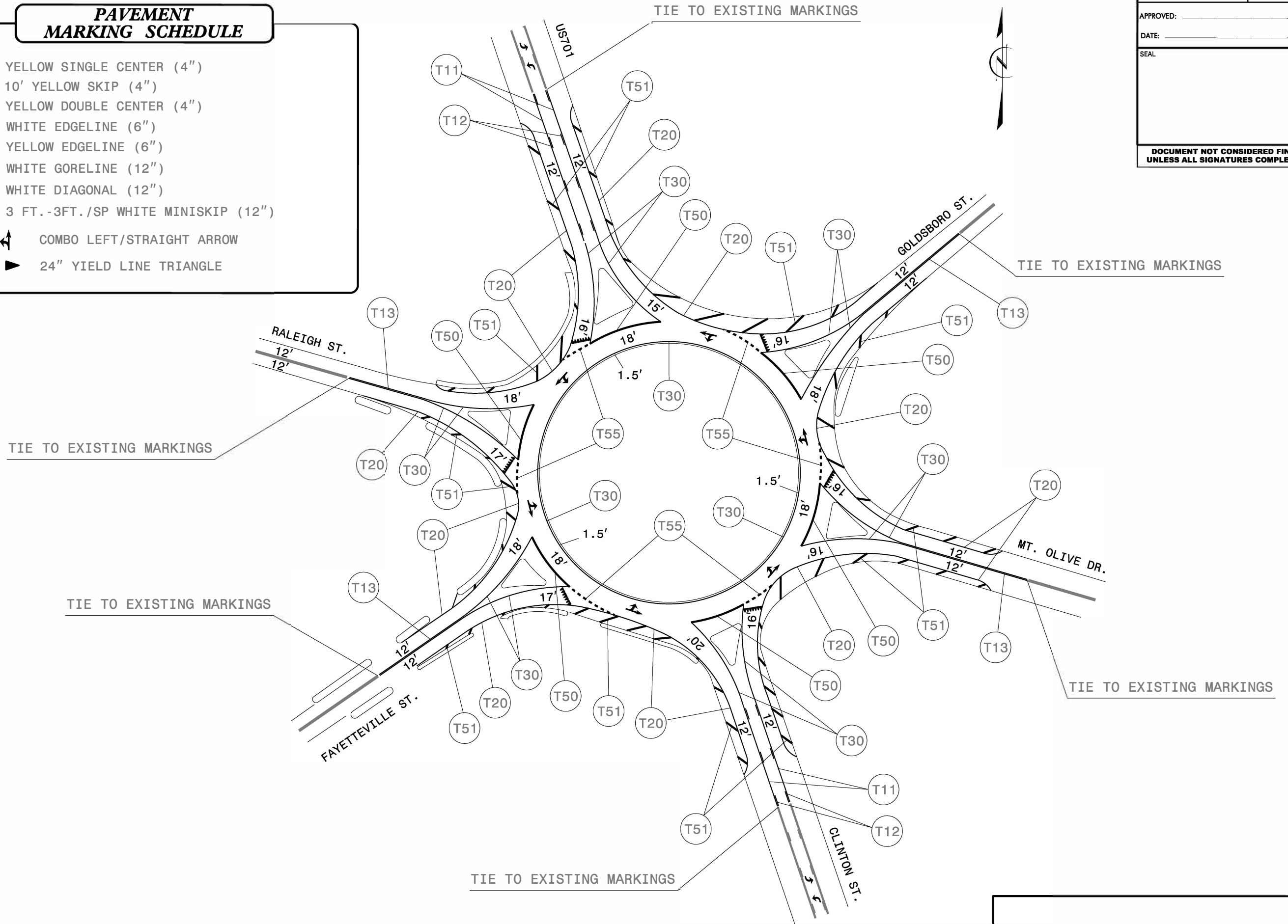
PROJECT NO.	SHEET NO.
2024CPT.03.12.10821,ETC.	18

## THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4810000000-E		4820000000-E	4850000000-E	4860000000-E	4900000000-N	4905100000-N			
												4" WHITE PAINT	4" YELLOW PAINT	8" YELLOW PAINT	REMOVAL OF PAVEMENT MARKING LINES (4")	REMOVAL OF PAVEMENT MARKING LINES (8")	YELLOW & YELLOW MARKERS	NON CAST IRON SNOWPLOWABLE MARKERS (Y/Y)	NON CAST IRON SNOWPLOWABLE MARKERS (C/R)		
												LF	LF	LF	LF	LF	EA	EA	EA		
2024CPT.03.12.10821	Sampson	1	US-13, NEWTON GROVE TRAFFIC CIRCLE, NE-BOUND	FROM MILEPOST 17.72 AROUND ROUNDABOUT TO MILEPOST 17.87 [MP 17.72 - MP 17.87]	1	2	2WD	0.15	33	17.72	17.87							12	6		
<b>TOTAL FOR MAP NO. 1</b>								<b>0.15</b>										<b>12</b>	<b>6</b>		
2024CPT.03.12.10821	Sampson	2	US-13, NEWTON GROVE TRAFFIC CIRCLE, SW-BOUND	FROM MILEPOST 3.99 AROUND ROUNDABOUT TO MILEPOST 4.13 [MP 3.99 - MP 4.13]	1	2	2WD	0.14	33	3.99	4.13							12	6		
<b>TOTAL FOR MAP NO. 2</b>								<b>0.14</b>										<b>12</b>	<b>6</b>		
2024CPT.03.12.10821	Sampson	3	NC-50, HARNETT-DUNN HIGHWAY	FROM I-40 OVERPASS BRIDGE TO NC HWY 55 [MP 16.40 - MP 16.66]	2	2	2WU	0.26	40	16.4	16.66	892	1,784	500	1,338	250		25	10		
<b>TOTAL FOR MAP NO. 3</b>								<b>0.26</b>					<b>892</b>	<b>1,784</b>	<b>500</b>	<b>1,338</b>	<b>250</b>		<b>25</b>	<b>10</b>	
2024CPT.03.12.10821	Sampson	4	NC-55, HARNETT-DUNN HIGHWAY	FROM NC HWY 50 TO JOHNSTON COUNTY LINE [MP 8.19 - MP 12.47]	2	2	2WU	4.28	26	8.19	12.47							300	10		
<b>TOTAL FOR MAP NO. 4</b>								<b>4.28</b>											<b>300</b>	<b>10</b>	
<b>TOTAL FOR PROJ NO. 2024CPT.03.12.10821</b>								<b>4.83</b>						<b>892</b>	<b>1,784</b>	<b>500</b>	<b>1,338</b>	<b>250</b>		<b>349</b>	<b>32</b>
												<b>2,676</b>							<b>381</b>		
2024CPT.03.12.20821	Sampson	5	SR-1731 / GOSHEN CHURCH RD		3	2	2WU	5.31	19	0.06	5.37							350			
<b>TOTAL FOR MAP NO. 5</b>								<b>5.31</b>										<b>350</b>			
2024CPT.03.12.20821	Sampson	6	SR-1002 / MINGO CHURCH RD	FROM US HWY 13 (FAYETTEVILLE HWY) TO SR 1603 (GAINNEY RD) [MP 16.48 - MP 19.18]	4	2	2WU	2.7	23	16.48	19.18							180			
<b>TOTAL FOR MAP NO. 6</b>								<b>2.7</b>										<b>180</b>			
2024CPT.03.12.20821	Sampson	7	SR-1239 / UNDERWOOD RD	FROM NC HWY 24 (ROSEBORO HWY) TO NC HWY 24 (ROSEBORO HWY) [MP 0.00 - MP 1.40]	3	2	2WU	1.4	20	0	1.4							165			
<b>TOTAL FOR MAP NO. 7</b>								<b>1.4</b>										<b>165</b>			
2024CPT.03.12.20821	Sampson	8	SR-1316 / MURPHY RD	FROM SR 1308 (BOONE RD) TO SR 1317 (FREDRICK RD) [MP 0.00 - MP 1.08]	3	2	2WU	1.08	20	0	1.08							75			
<b>TOTAL FOR MAP NO. 8</b>								<b>1.08</b>											<b>75</b>		
2024CPT.03.12.20821	Sampson	9	SR-1146 / MOSELEY AVE	FROM SR 1145 (BONEY MILL RD) TO US HWY 701 (GARLAND HWY) [MP 2.46 - MP 6.55]	3	2	2WU	4.09	20	2.46	6.55							275			
<b>TOTAL FOR MAP NO. 9</b>								<b>4.09</b>											<b>275</b>		
2024CPT.03.12.20821	Sampson	10	SR-1365 / ROSEBORO HWY	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.79]	3	2	2WU	0.79	26	0	0.79							75			
<b>TOTAL FOR MAP NO. 10</b>								<b>0.79</b>											<b>75</b>		
2024CPT.03.12.20821	Sampson	11	SR-1292 / DIXIE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 0.75 - MP 0.80]	3	2	2WU	0.05	26	0.75	0.8							5			
<b>TOTAL FOR MAP NO. 11</b>								<b>0.05</b>											<b>5</b>		
2024CPT.03.12.20821	Sampson	12	SR-1309 / BASS LAKE RD	FROM NC HWY 24 TO OLD ROSEBORO HWY [MP 5.08 - MP 5.21]	3	2	2WU	0.13	21	5.08	5.21							12			
<b>TOTAL FOR MAP NO. 12</b>								<b>0.13</b>											<b>12</b>		
2024CPT.03.12.20821	Sampson	13	SR-1149 / CHANCEY RD	FROM US HWY 701 TO SR 1145 (BONEY MILL RD) [MP 0.00 - MP 2.49]	3	2	2WU	2.49	21	0	2.49							170			
<b>TOTAL FOR MAP NO. 13</b>								<b>2.49</b>											<b>170</b>		
2024CPT.03.12.20821	Sampson	14	SR-1145 / BONEY MILL RD	FROM SR 1145 (BONEY MILL RD) TO SR 1147 (W MT GILEAD CHURCH RD) [MP 1.90 - MP 3.48]	5	2	2WU	1.58	23	1.9	3.48							105			
<b>TOTAL FOR MAP NO. 14</b>								<b>1.58</b>												<b>105</b>	
<b>TOTAL FOR PROJ NO. 2024CPT.03.12.20821</b>								<b>19.62</b>												<b>1,412</b>	
<b>GRAND TOTAL</b>								<b>24.45</b>						<b>892</b>	<b>1,784</b>	<b>500</b>	<b>1,338</b>	<b>250</b>		<b>1,412</b>	<b>32</b>
												<b>2,676</b>							<b>381</b>		

**PAVEMENT  
MARKING SCHEDULE**

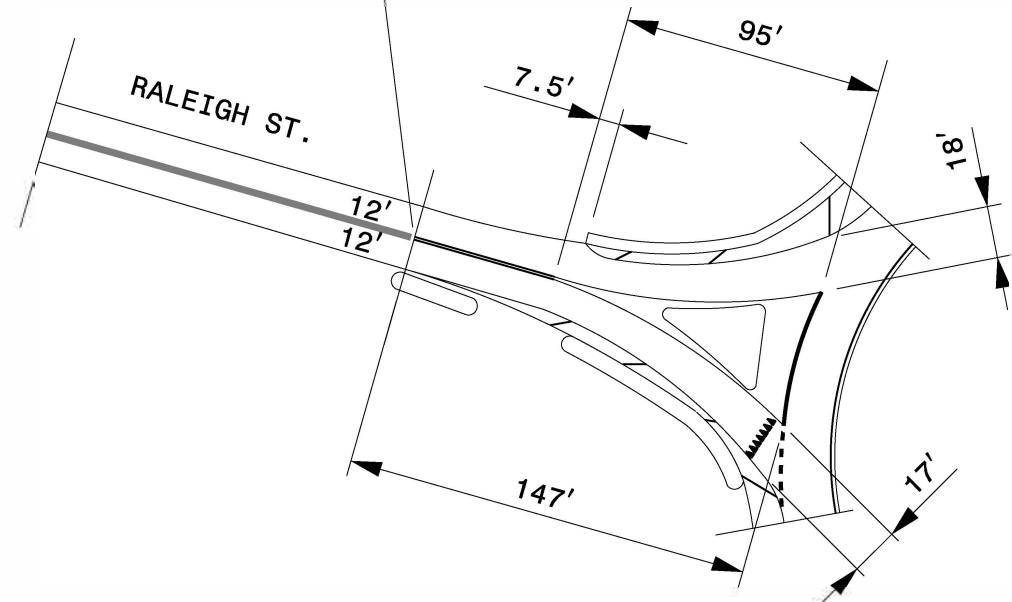
- T11 YELLOW SINGLE CENTER (4")
- T12 10' YELLOW SKIP (4")
- T13 YELLOW DOUBLE CENTER (4")
- T20 WHITE EDGELINE (6")
- T30 YELLOW EDGELINE (6")
- T50 WHITE GORELINE (12")
- T51 WHITE DIAGONAL (12")
- T55 3 FT.-3FT./SP WHITE MINISKIP (12")
- T73 COMBO LEFT/STRAIGHT ARROW
- T103 24" YIELD LINE TRIANGLE



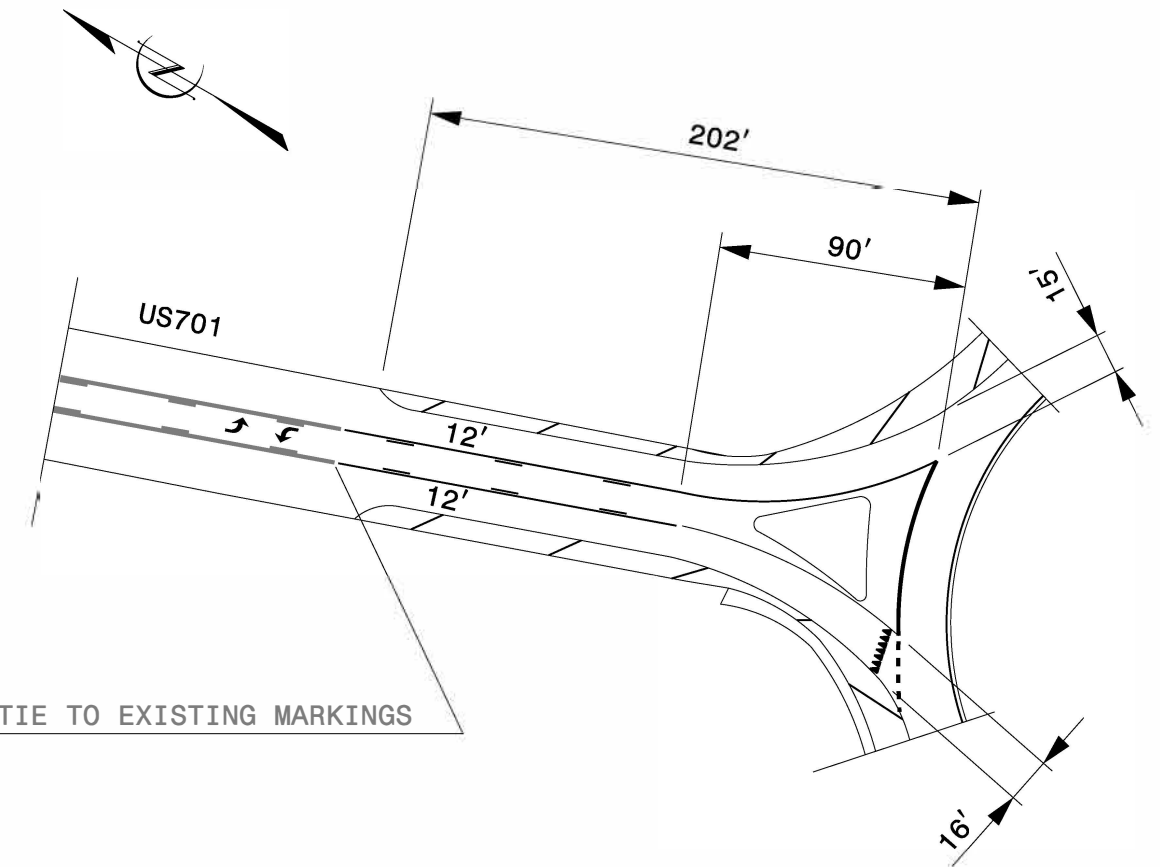
**PAVEMENT MARKING DETAIL**

PROJECT NO.	SHEET NO.
2024CPT.03.12.10821, ETC.	PMP-2
APPROVED: _____	
DATE: _____	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

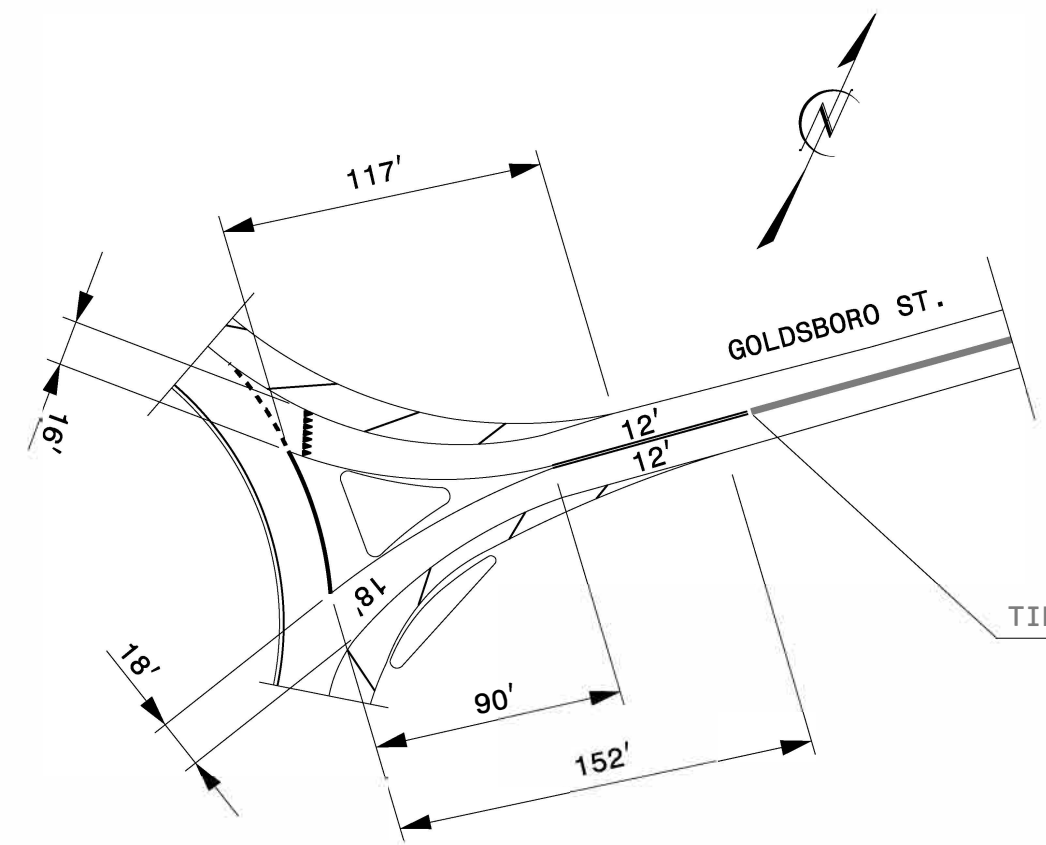
TIE TO EXISTING MARKINGS



TIE TO EXISTING MARKINGS



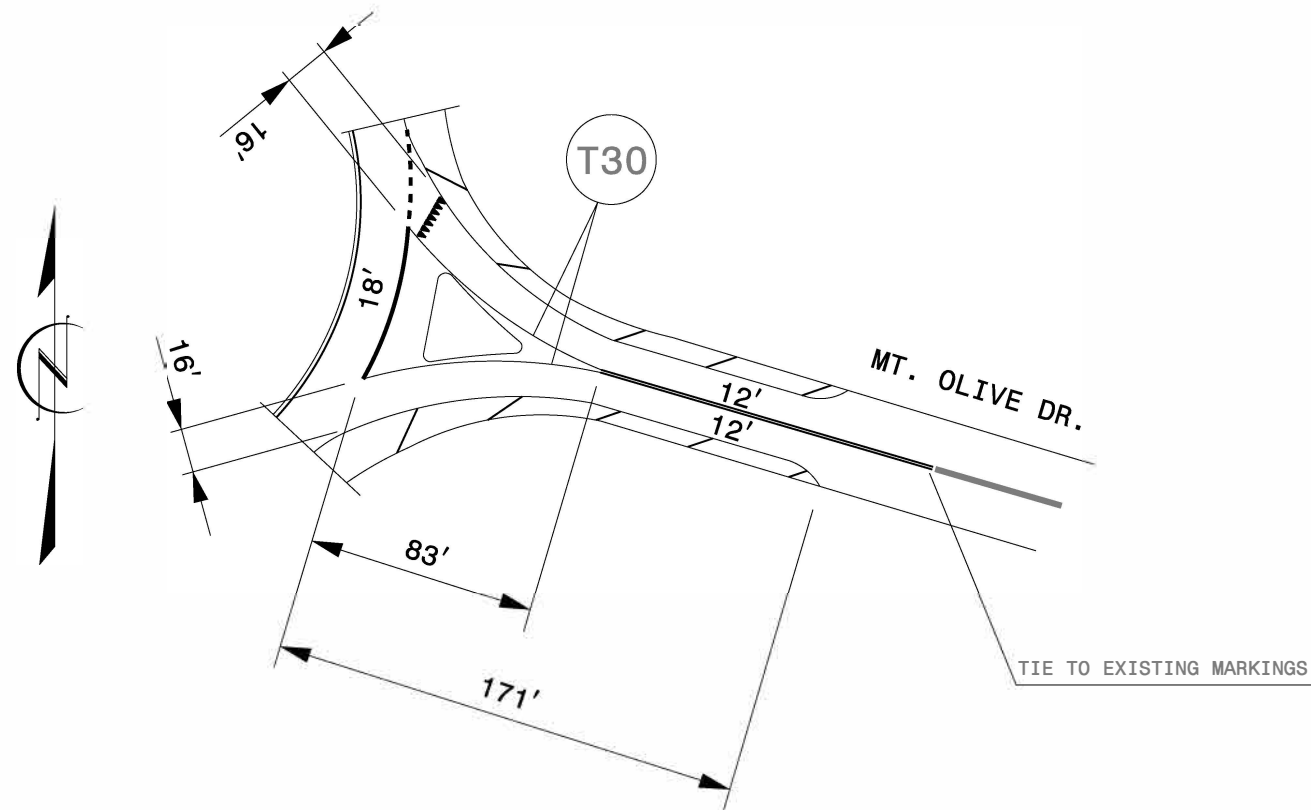
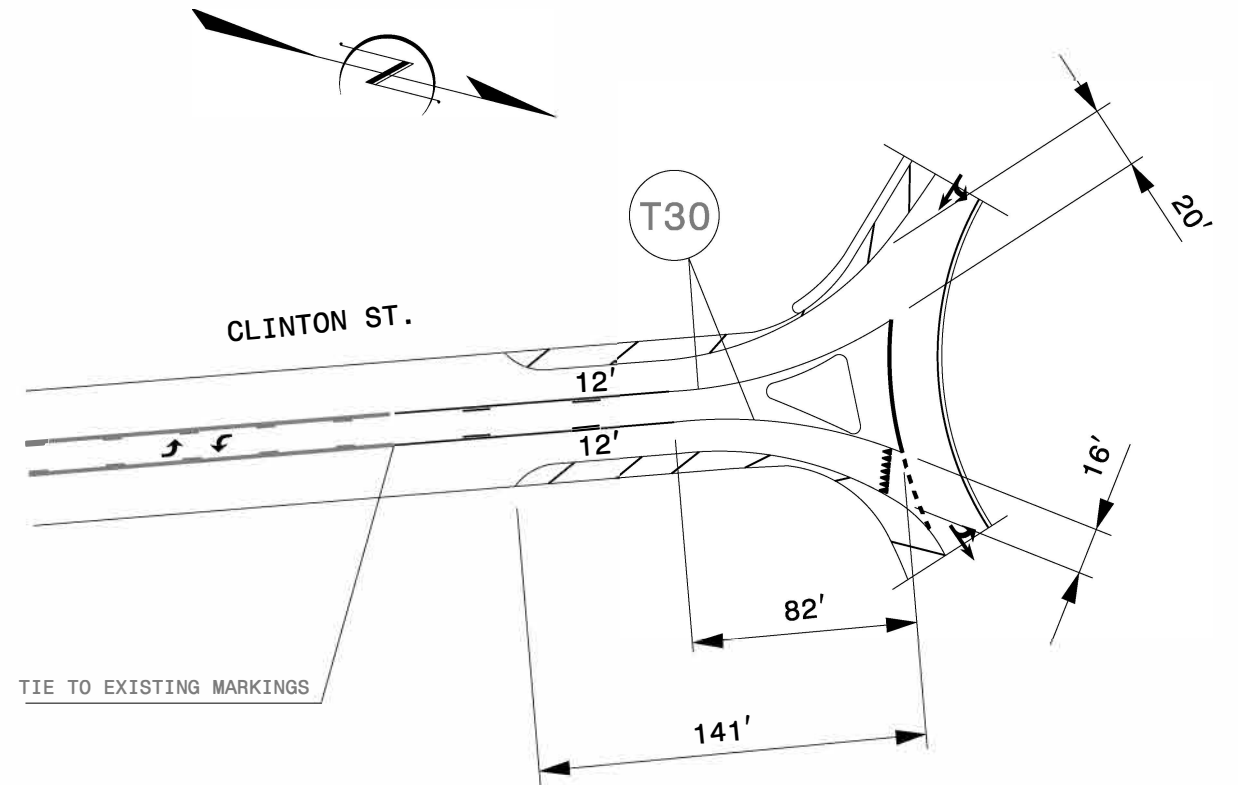
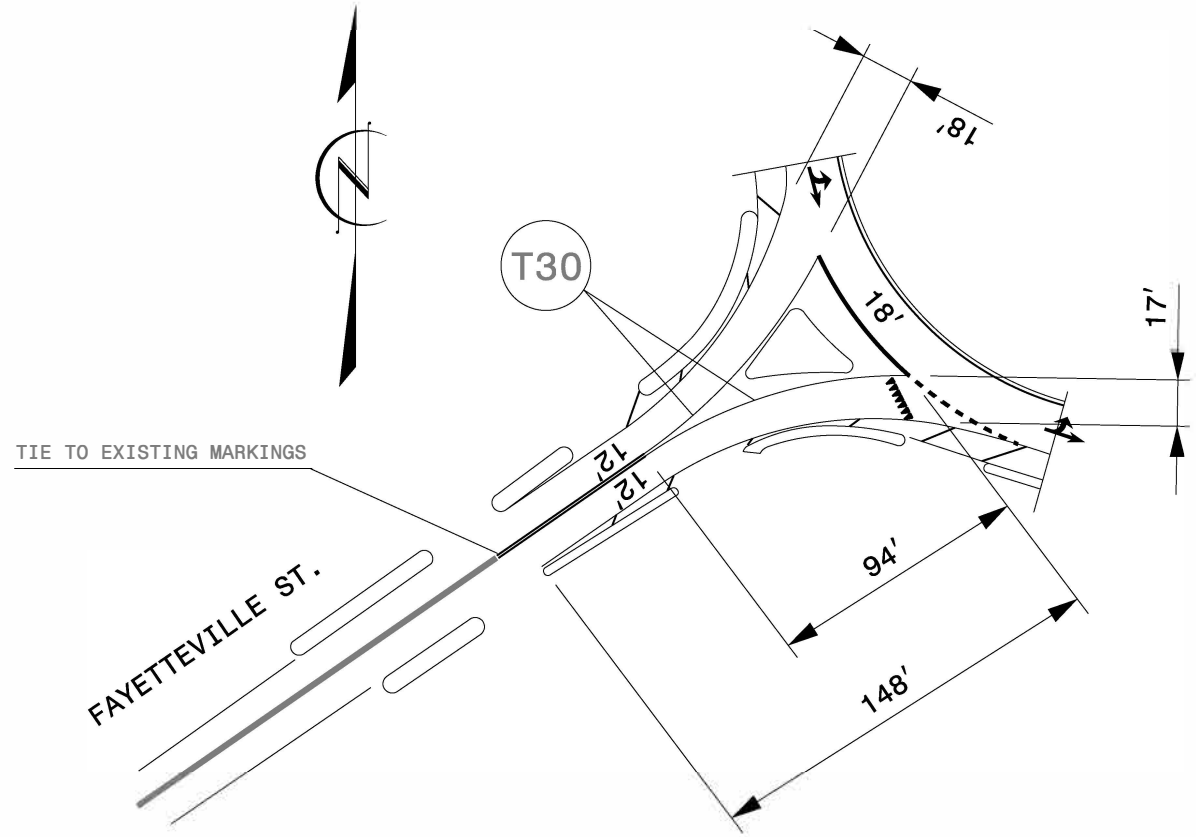
TIE TO EXISTING MARKINGS



**PAVEMENT MARKING DETAIL**

I2/03/21  
S:\S&DU\Eastern\Derrik\NewtonGrove.dgn  
User:dhbeard

PROJECT NO.	SHEET NO.
2024CPT.03.12.10821	PMP-3
APPROVED: _____	
DATE: _____	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



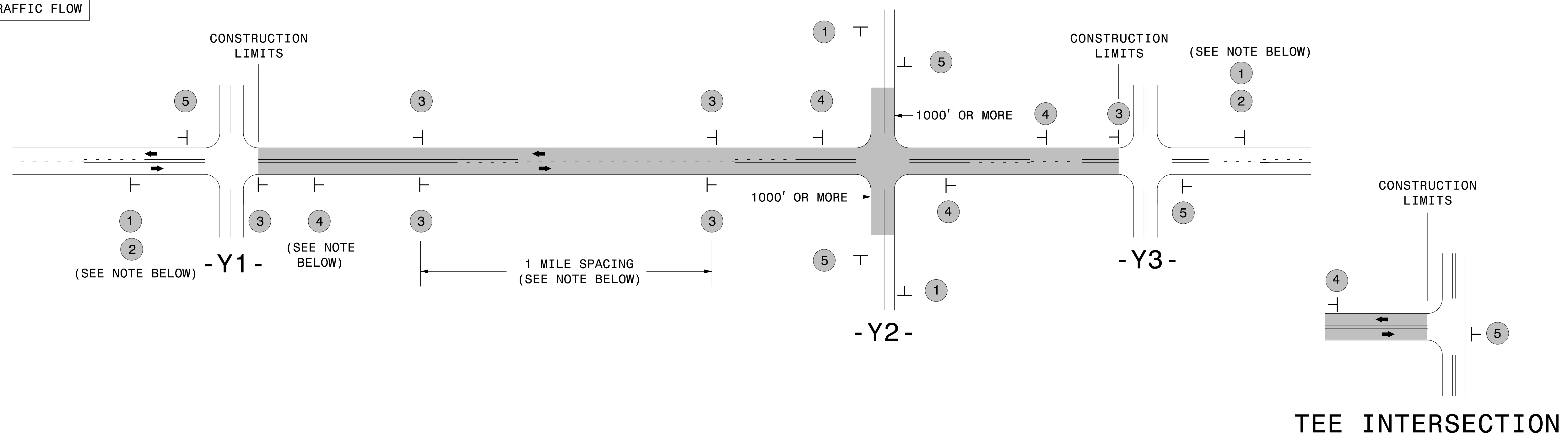
**PAVEMENT MARKING DETAIL**

# SIGNING FOR RESURFACING PROJECTS

**LEGEND**

┃ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

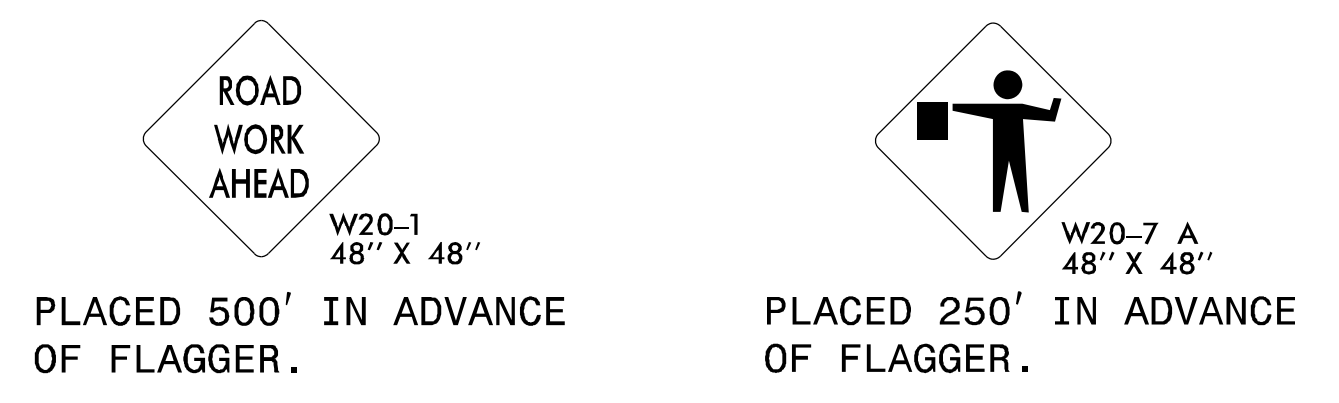
## -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	
	2	 <small>W7-3aP 24" X 18"</small>	#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	 <small>SP 13107 48" X 48"</small>	- 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	 <small>SP 13106 48" X 48"</small>	- 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	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

**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.



**MAPS LESS THAN 2 MILES**

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.

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.

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

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

---



---

## ***SOIL STABILIZATION TIMEFRAMES***

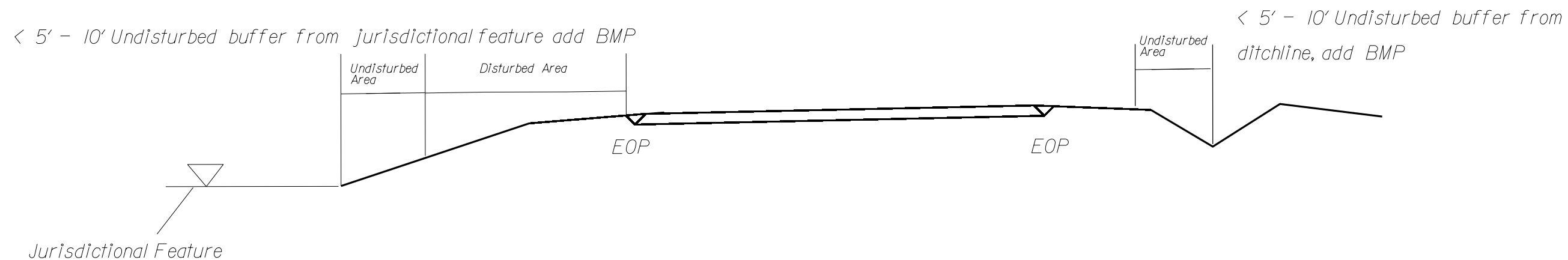
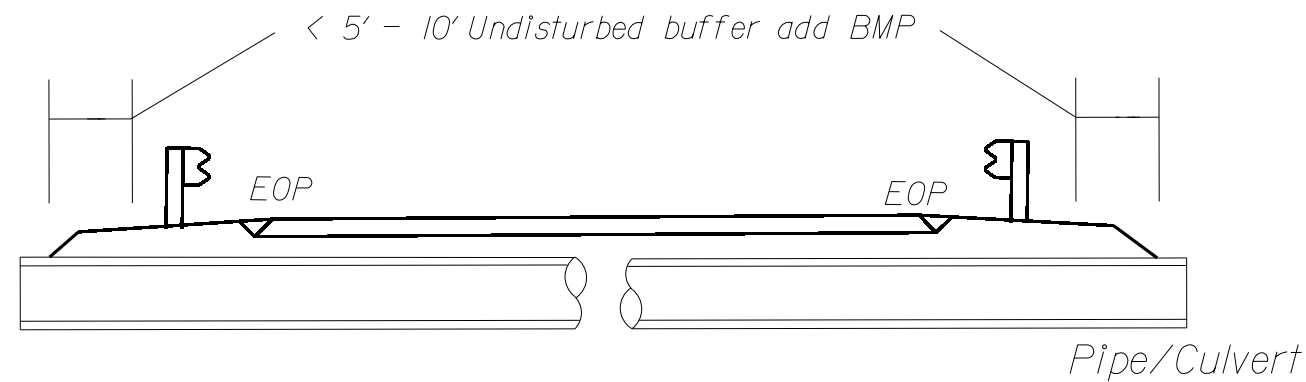
<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 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.



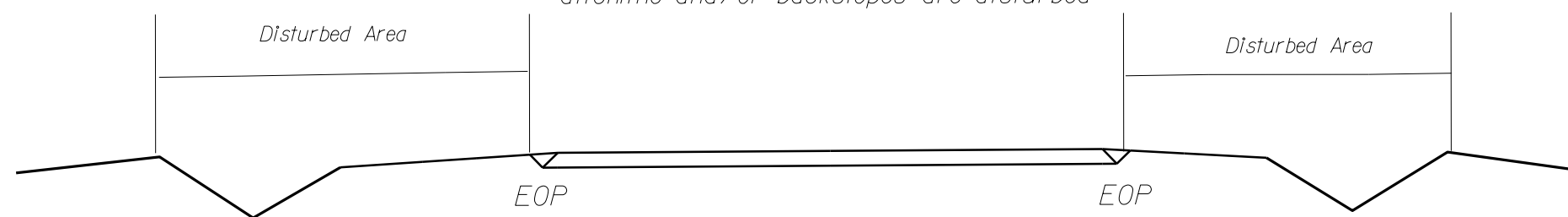
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

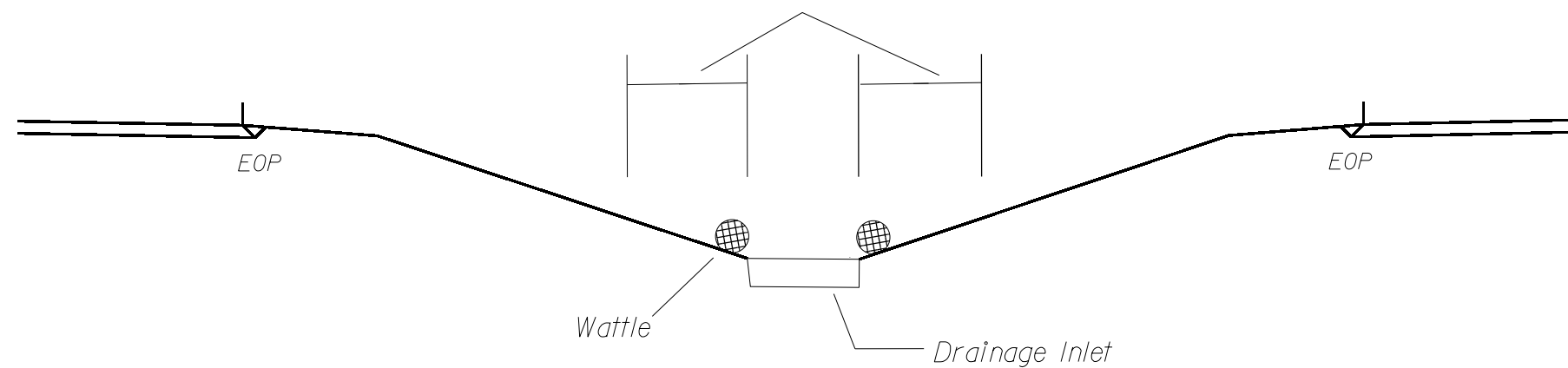
# EROSION CONTROL DETAIL



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

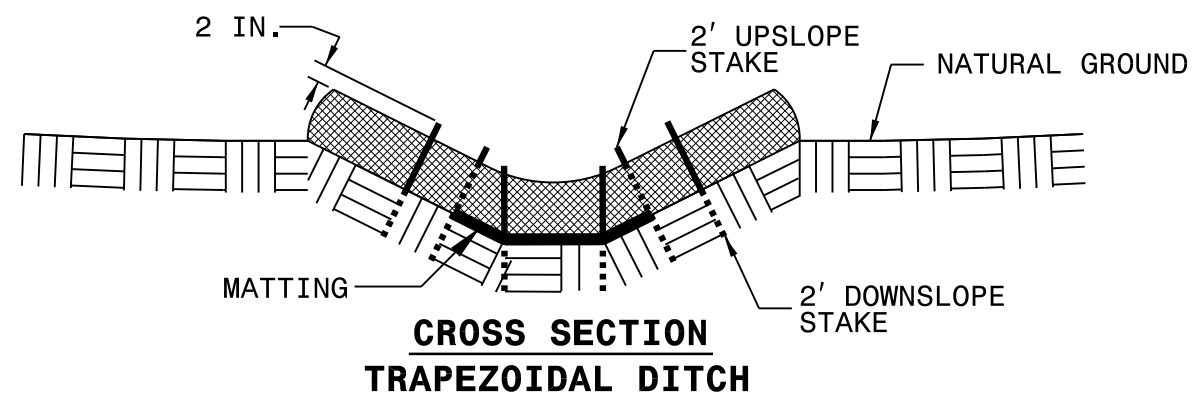
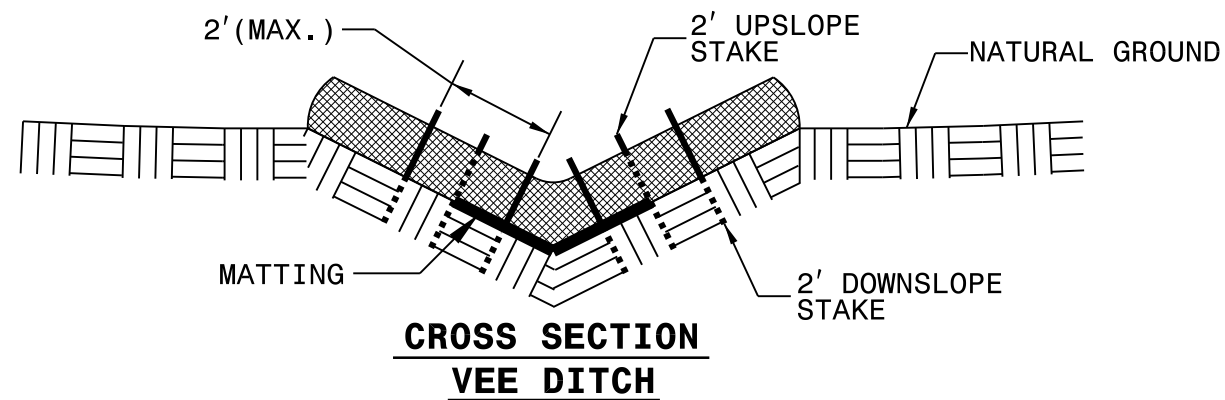
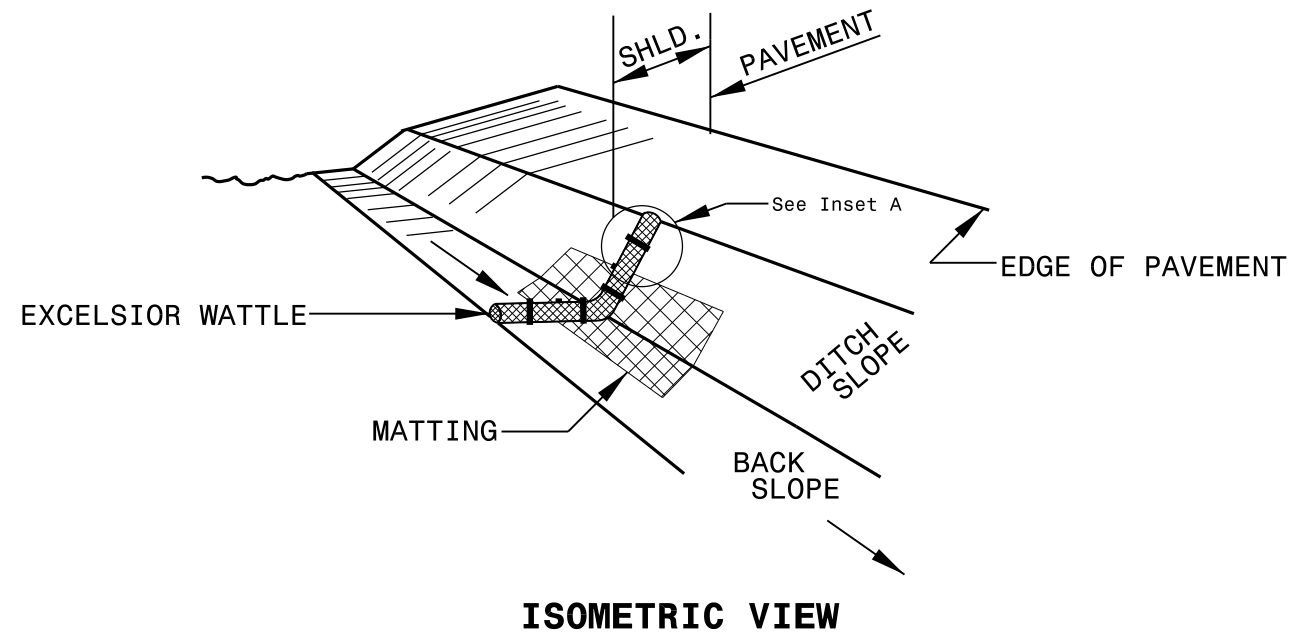


< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

# WATTLE DETAIL



**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.

