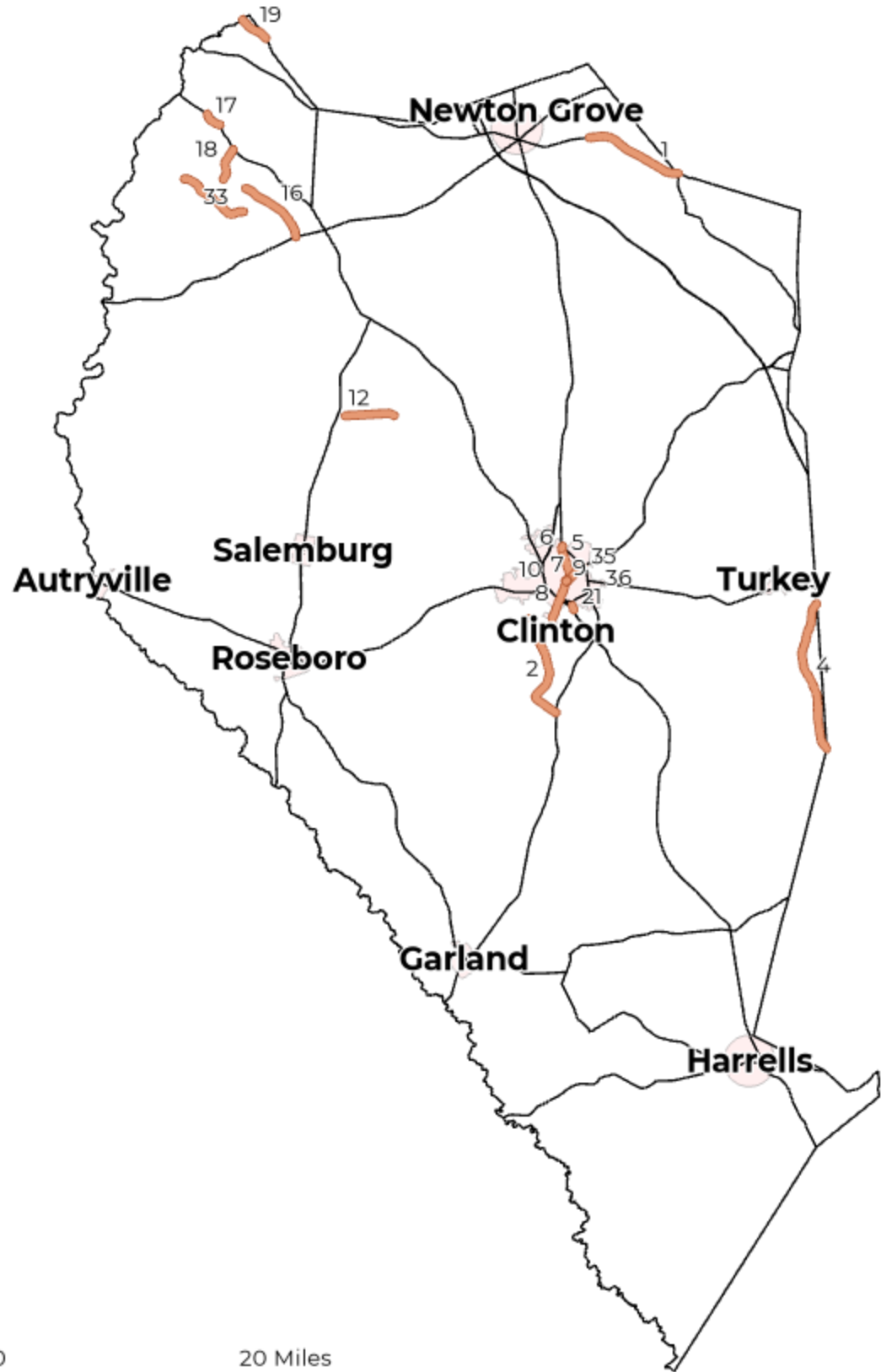
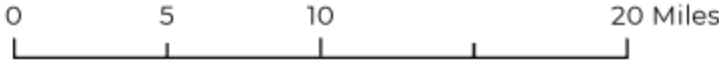


# Sampson County



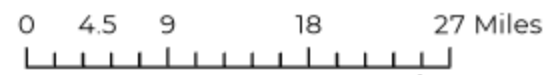
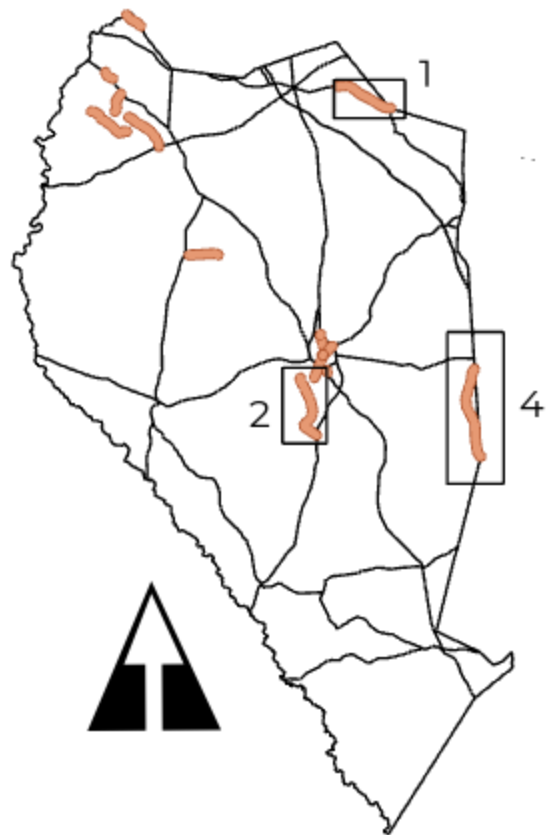
## Table of Contents

Maps	Sheet No.
1, 2, 4	2
5-8	3
9, 10, 12, 16-19, and 21	4
33, 35, 36	5

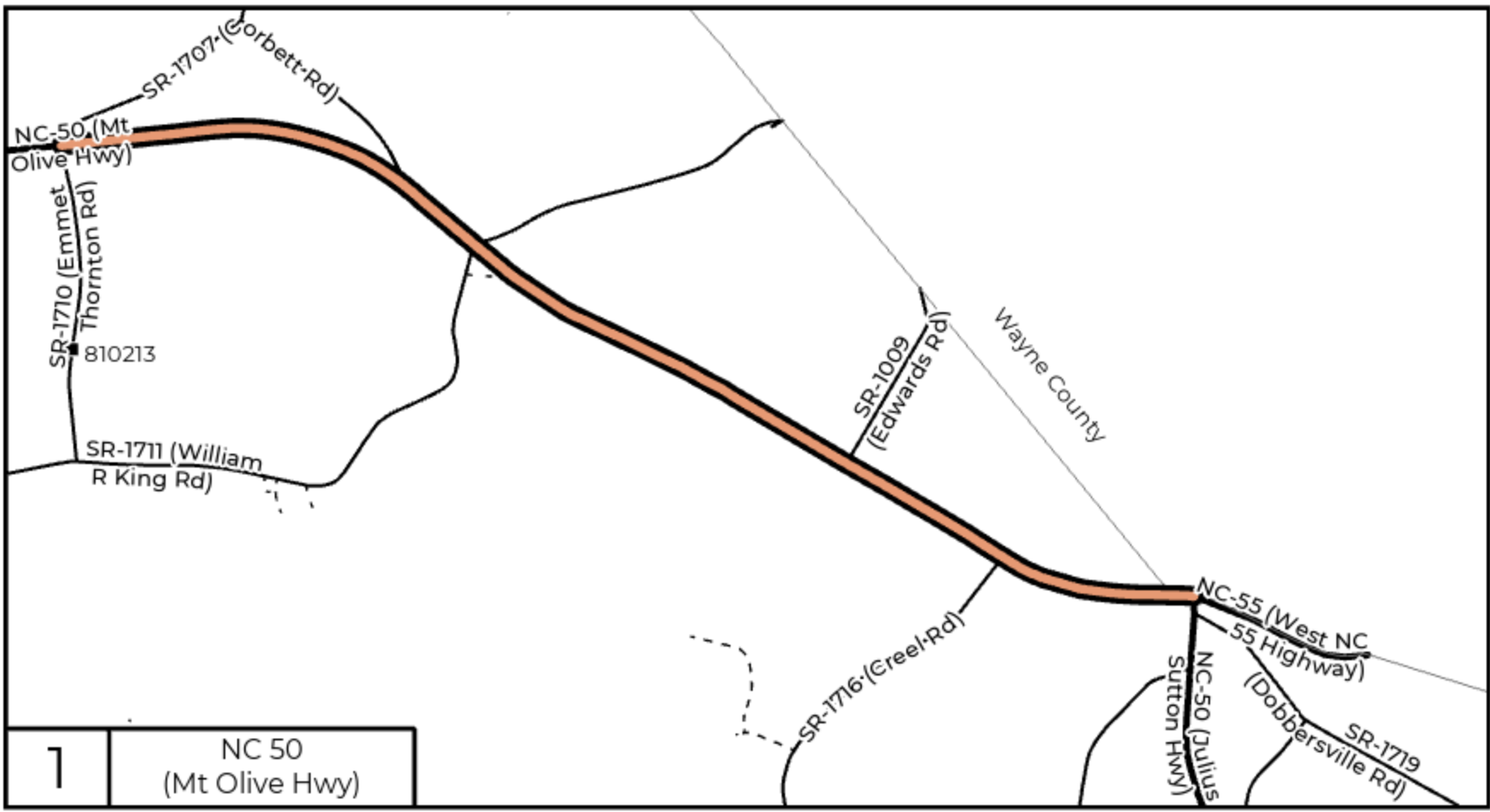


# Sampson County 1, 2, 4

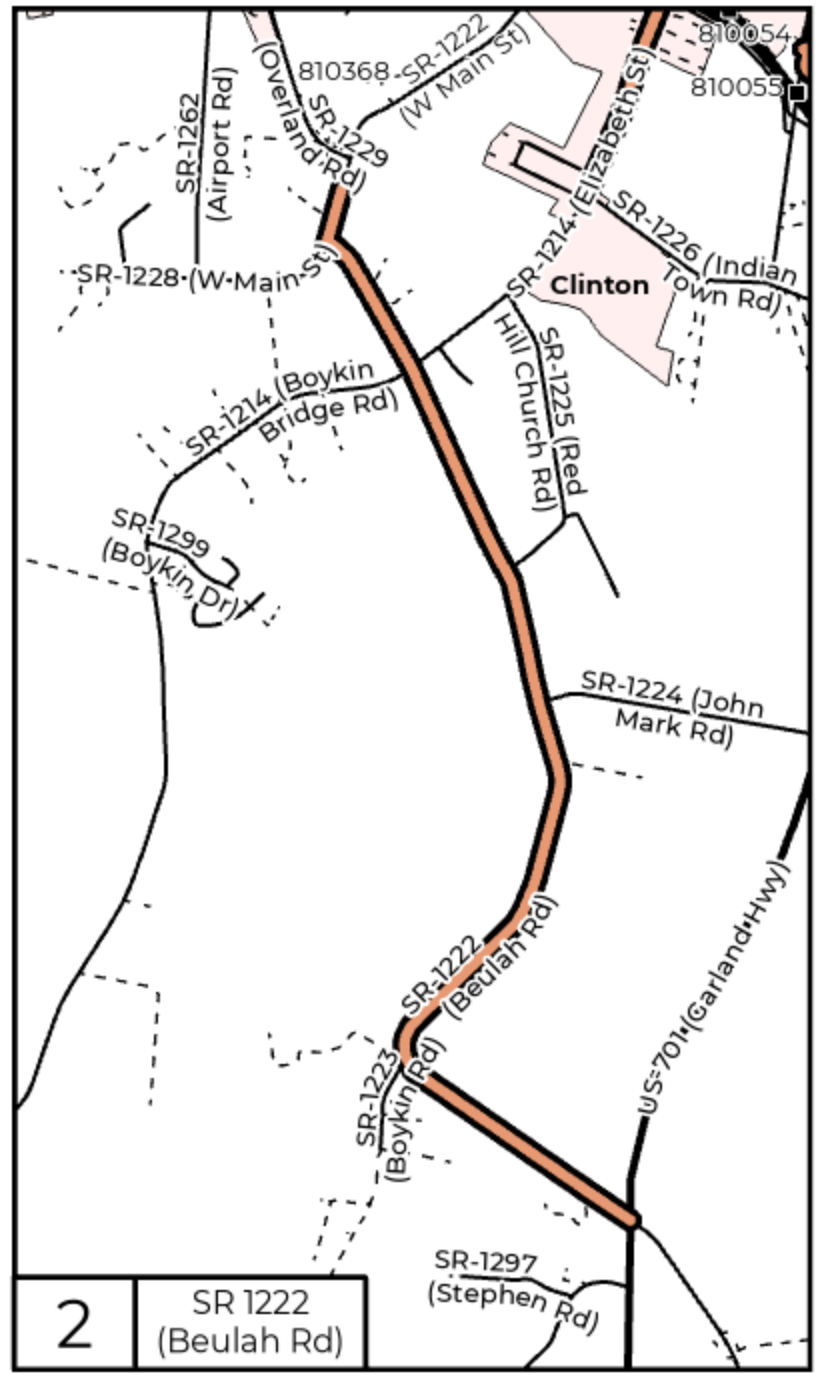
PROJECT REFERENCE NO. 2021CPT.03.07.10821, ETC.	SHEET NO. 2
--	----------------



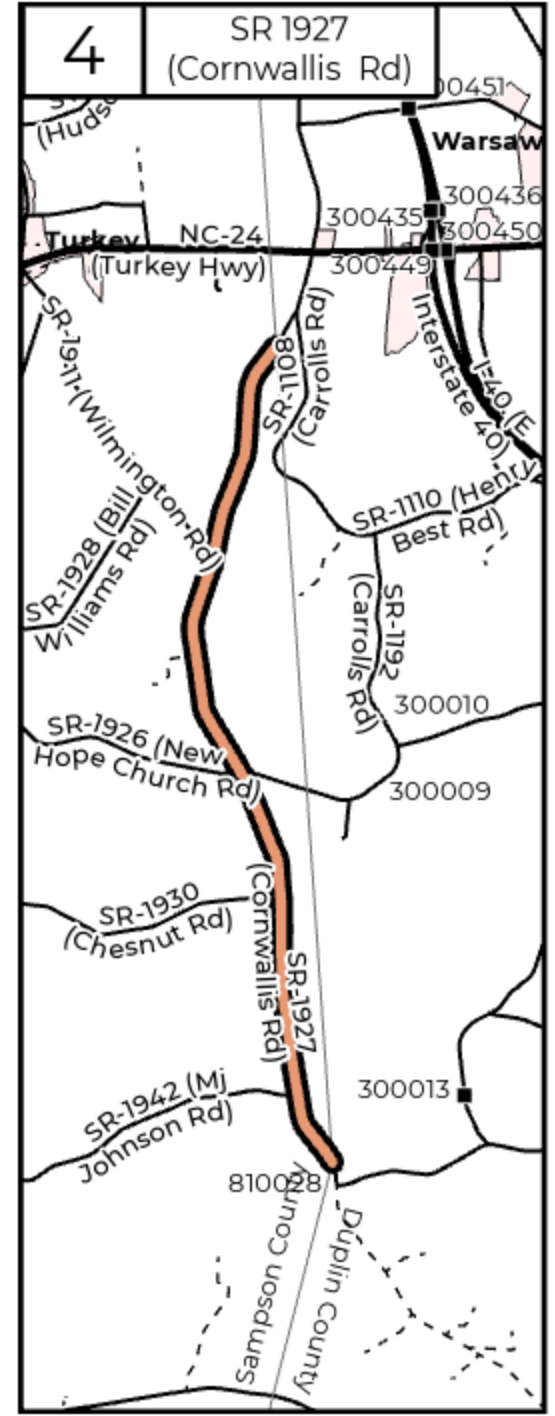
Legend	
	Bridge
	Road Section
	State Maintained Road
	Municipality Road



1	NC 50 (Mt Olive Hwy)
---	-------------------------

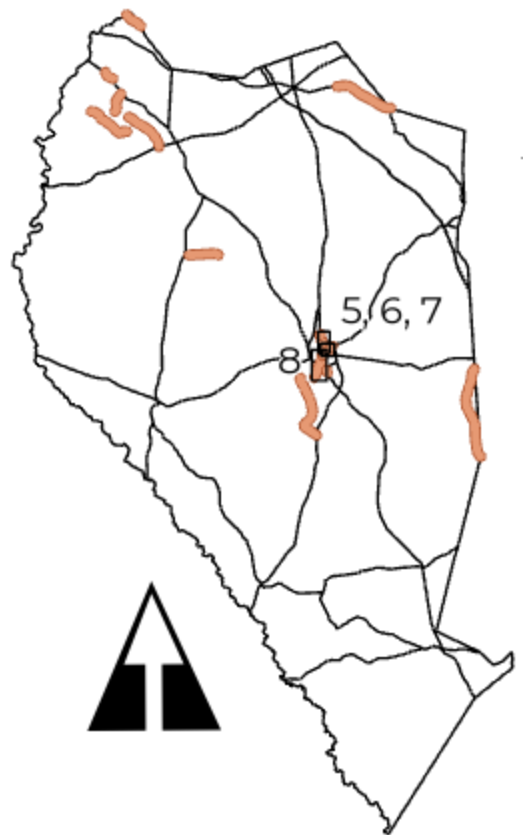


2	SR 1222 (Beulah Rd)
---	------------------------



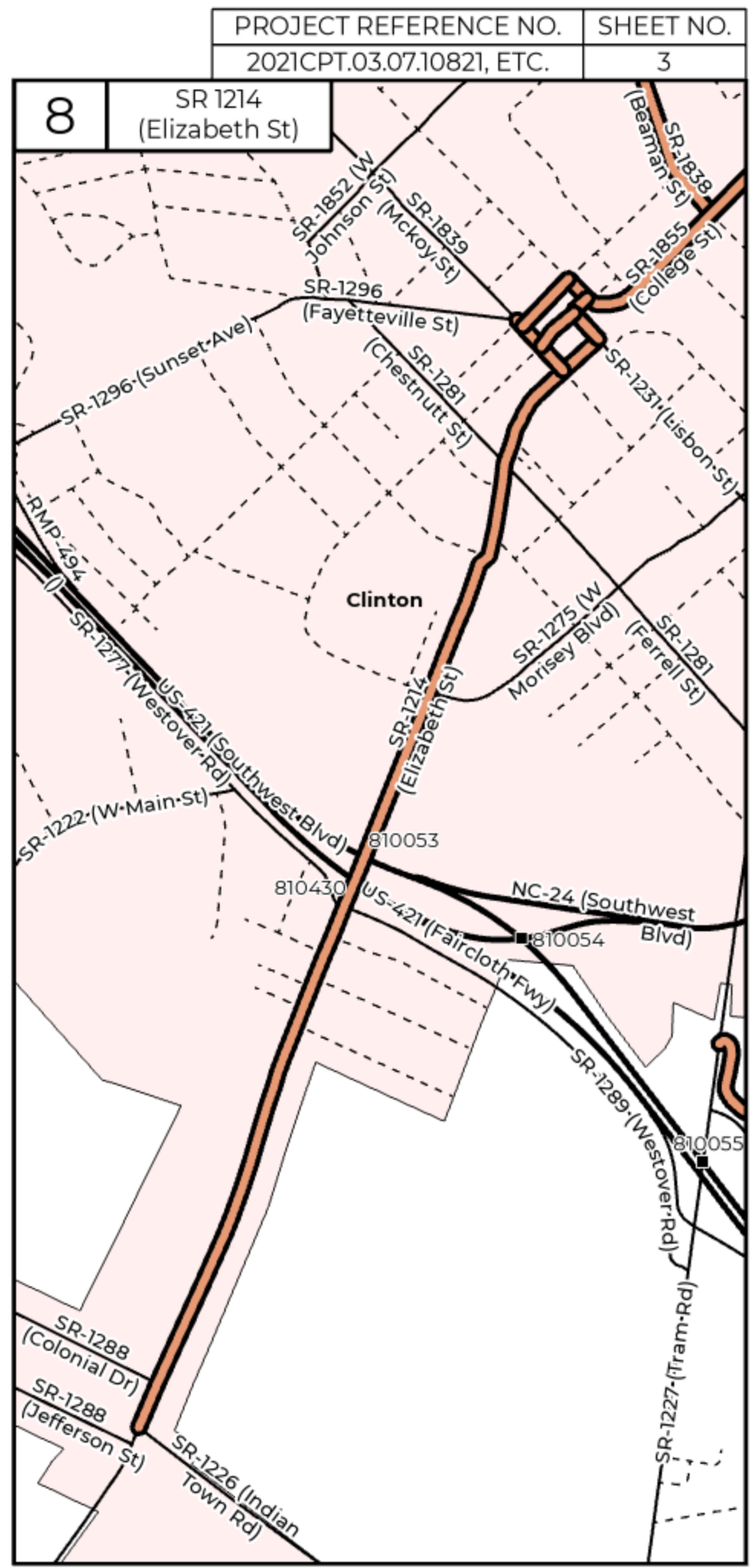
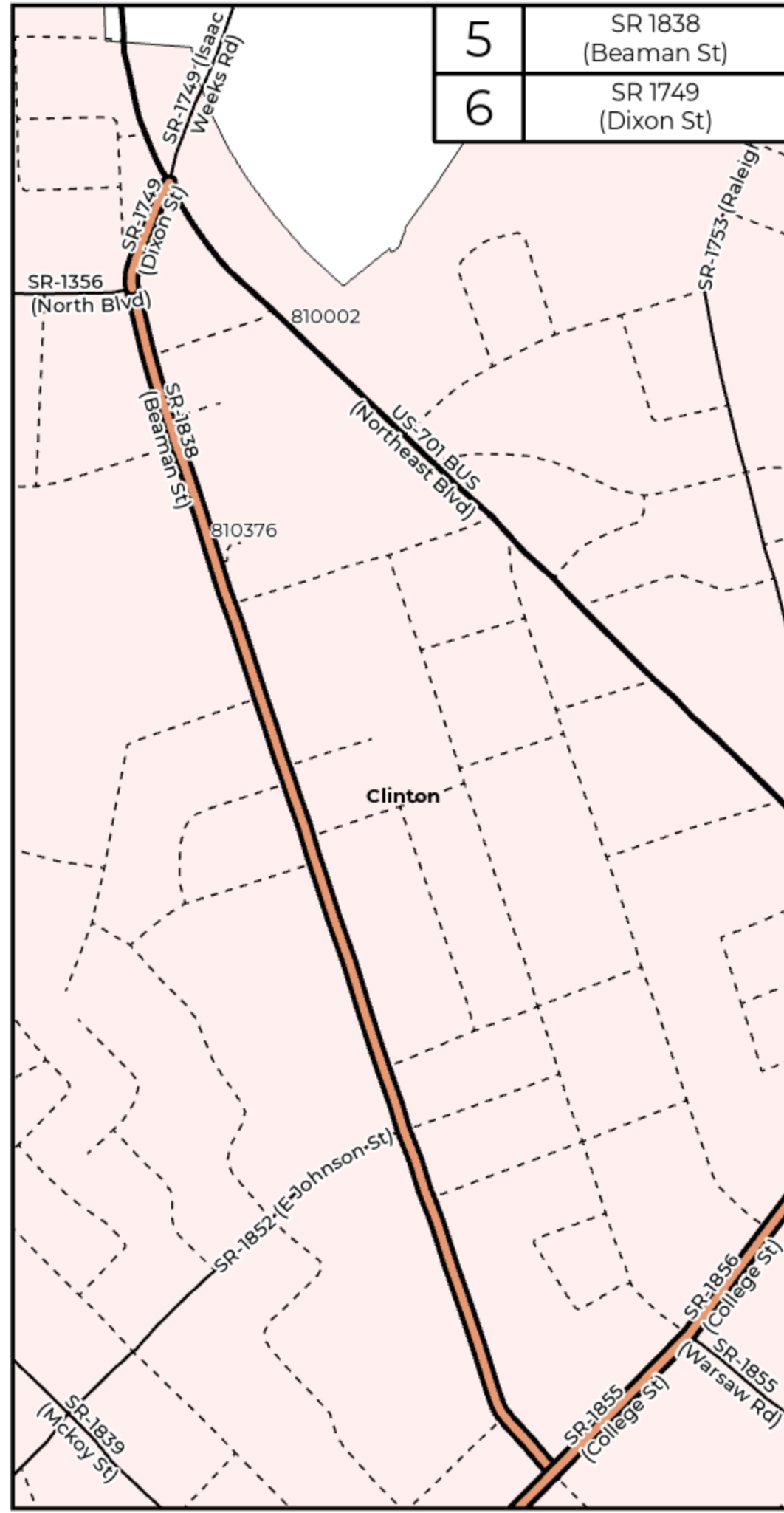
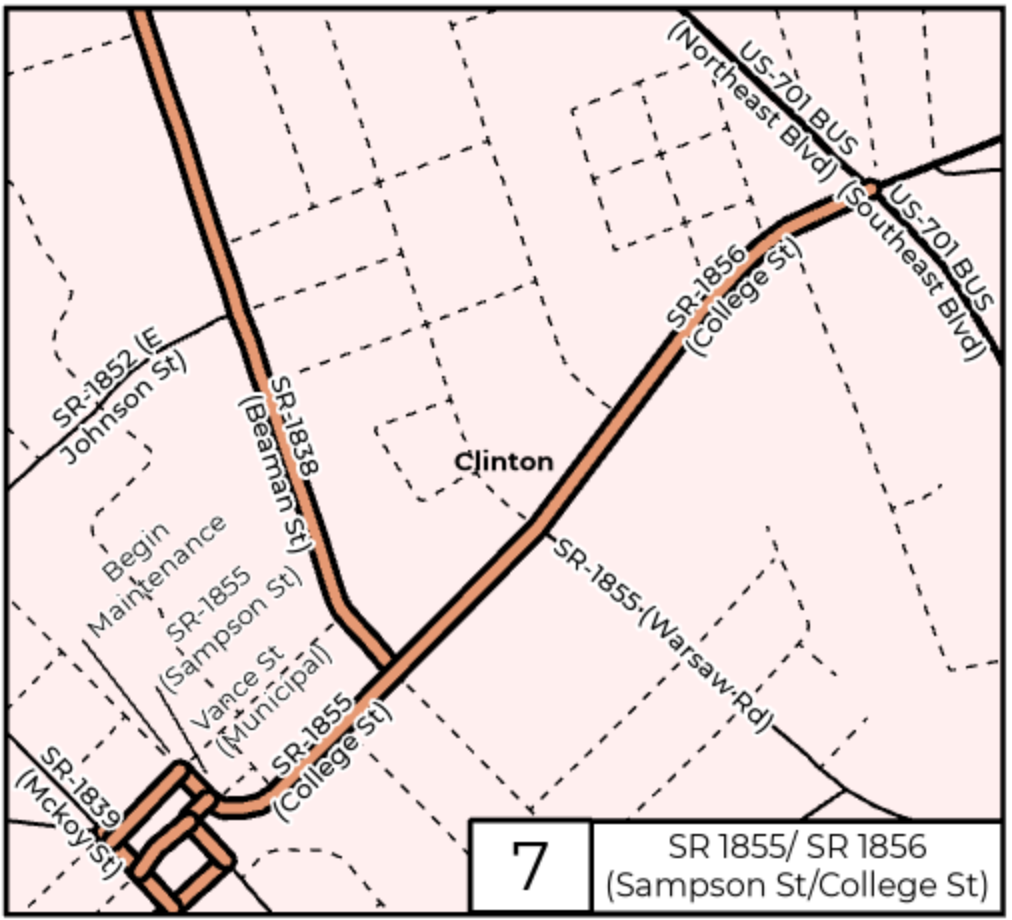
4	SR 1927 (Cornwallis Rd)
---	----------------------------

# Sampson County 5-8



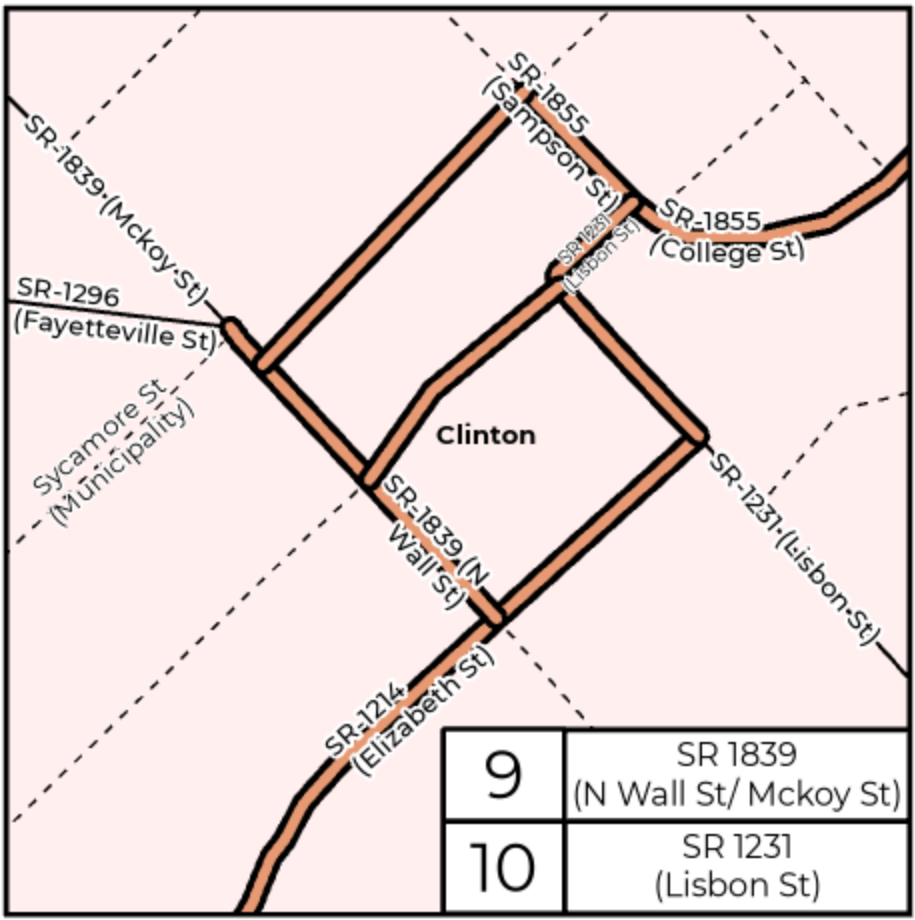
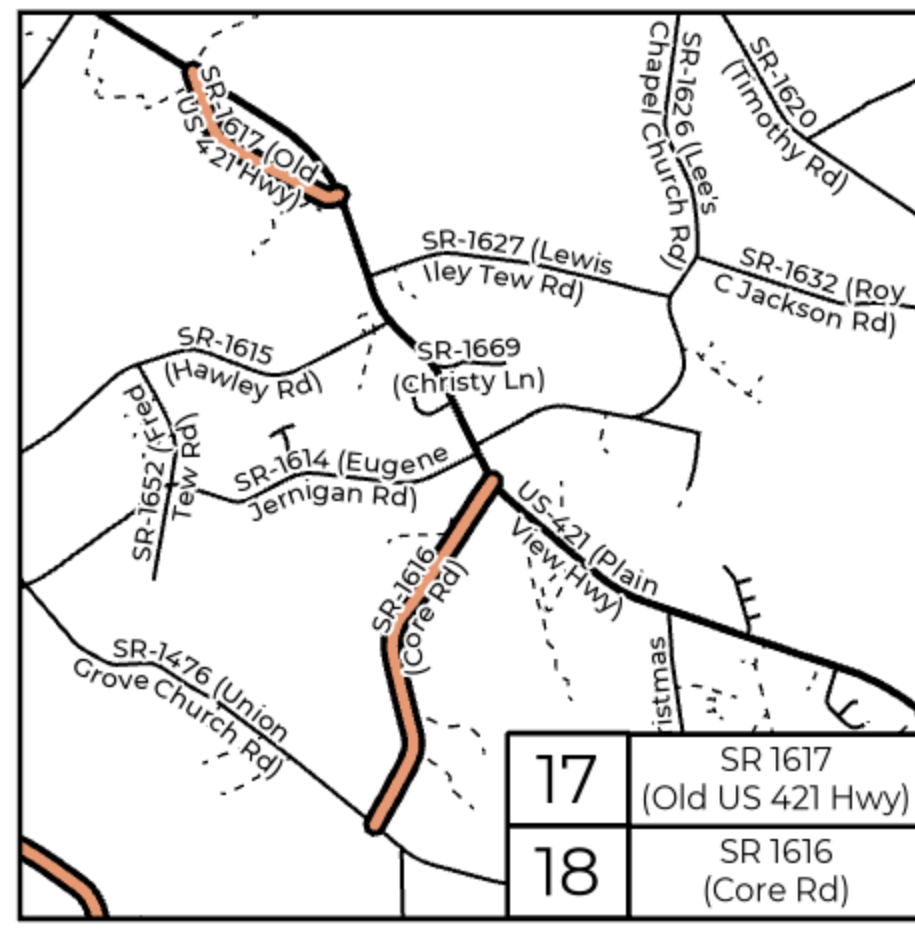
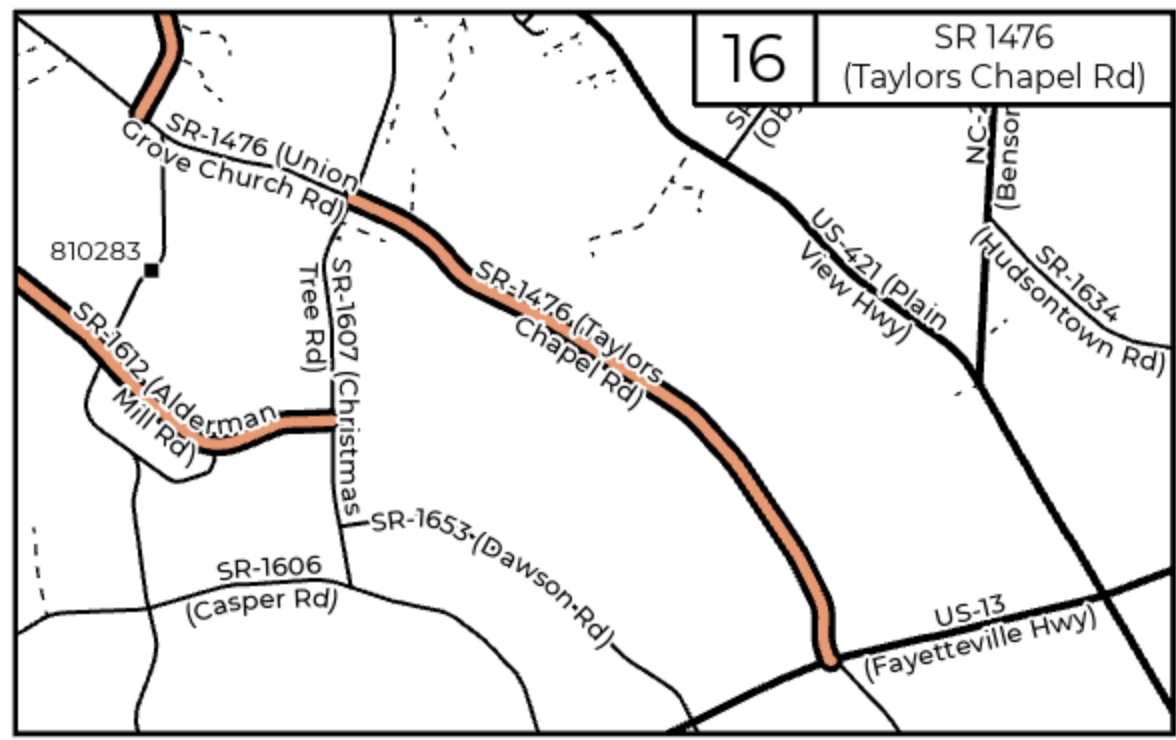
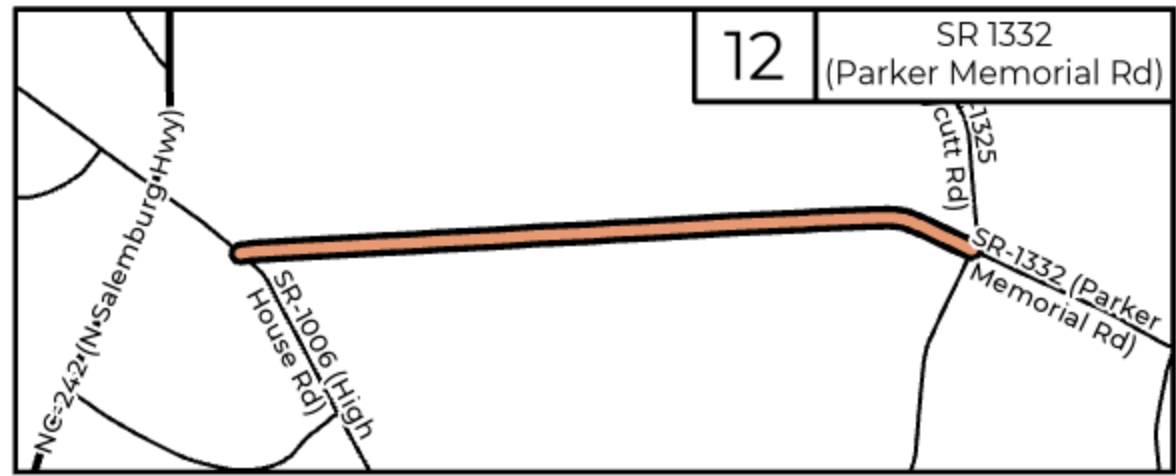
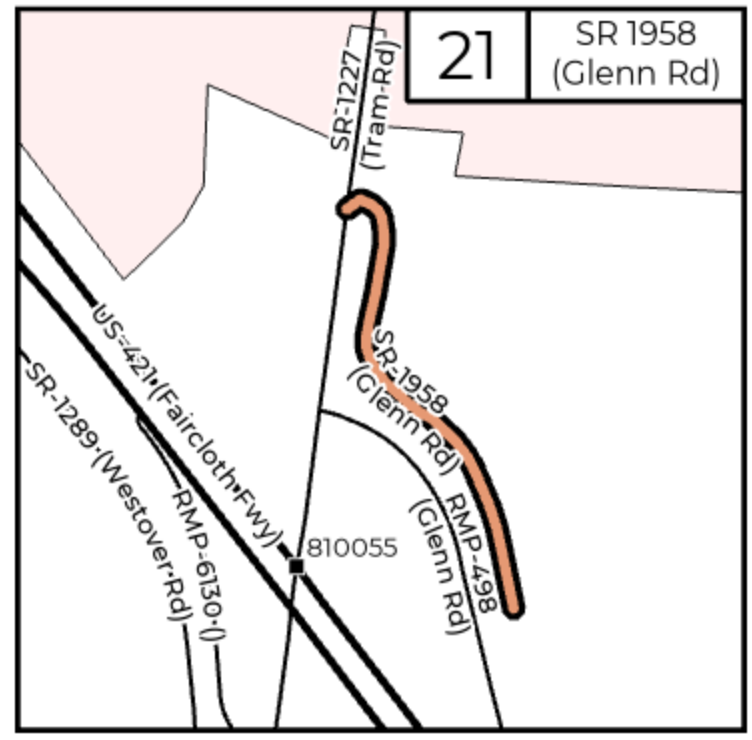
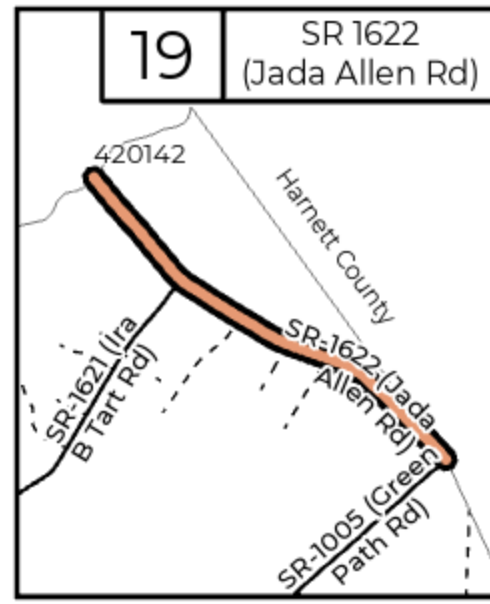
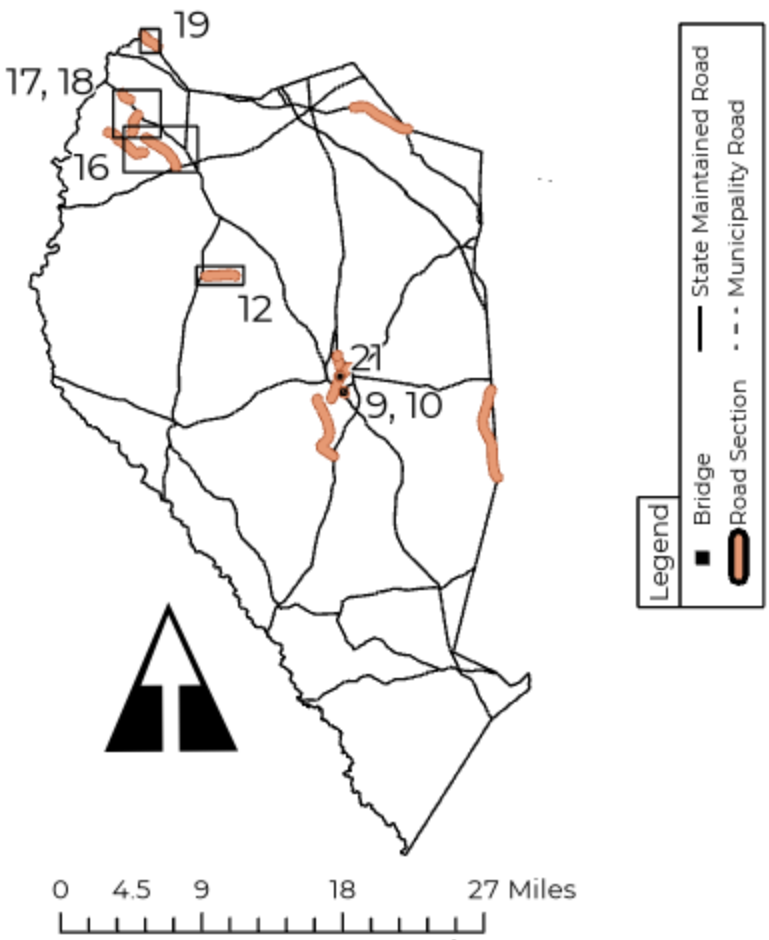
**Legend**

- Bridge
- State Maintained Road
- - - Municipality Road
- ▭ Road Section



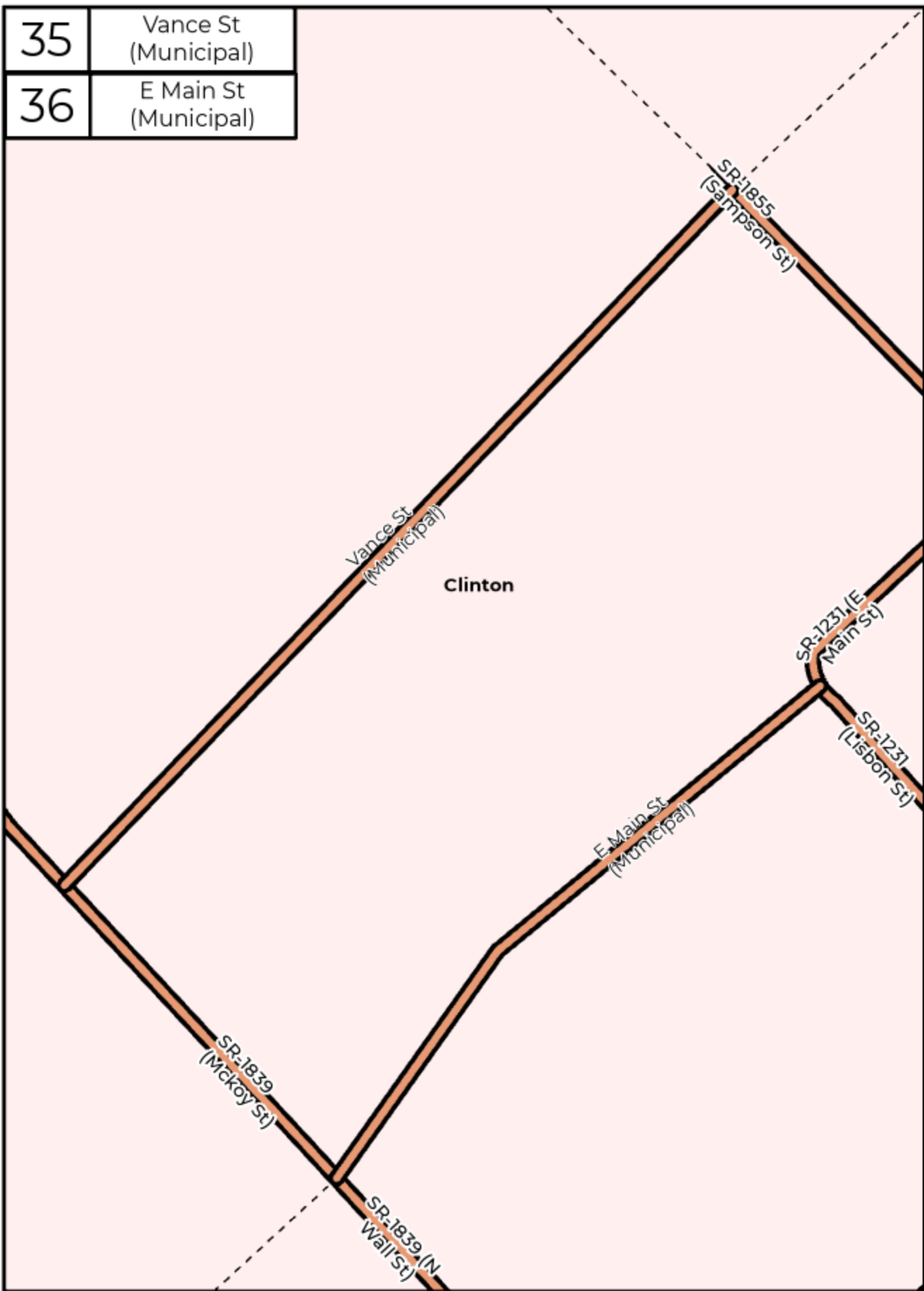
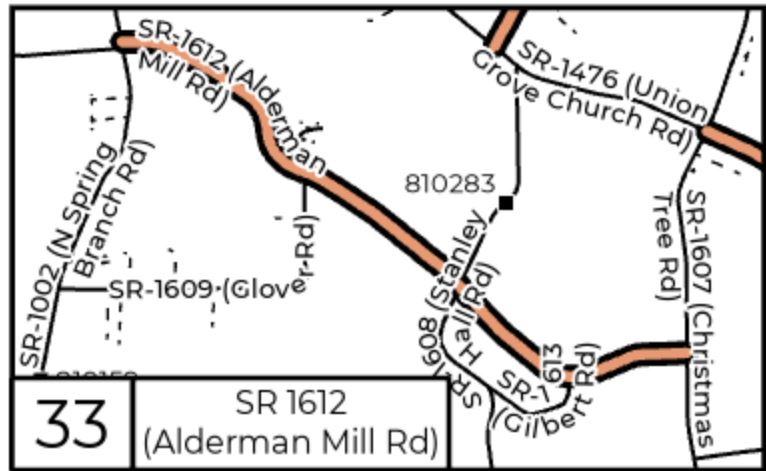
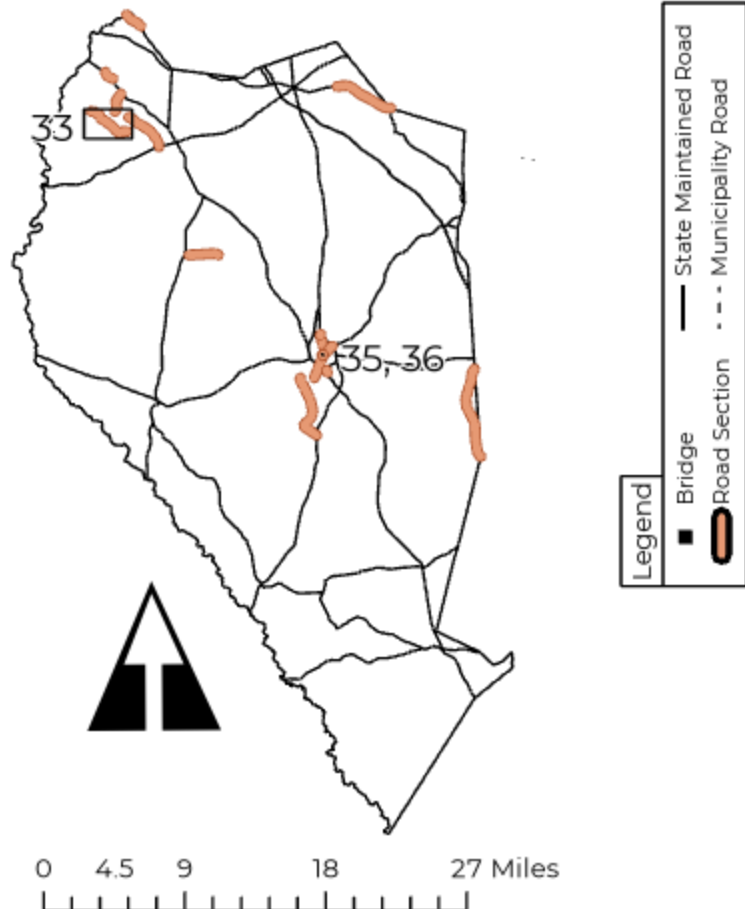
# Sampson County 9, 10, 12, 16-19, and 21

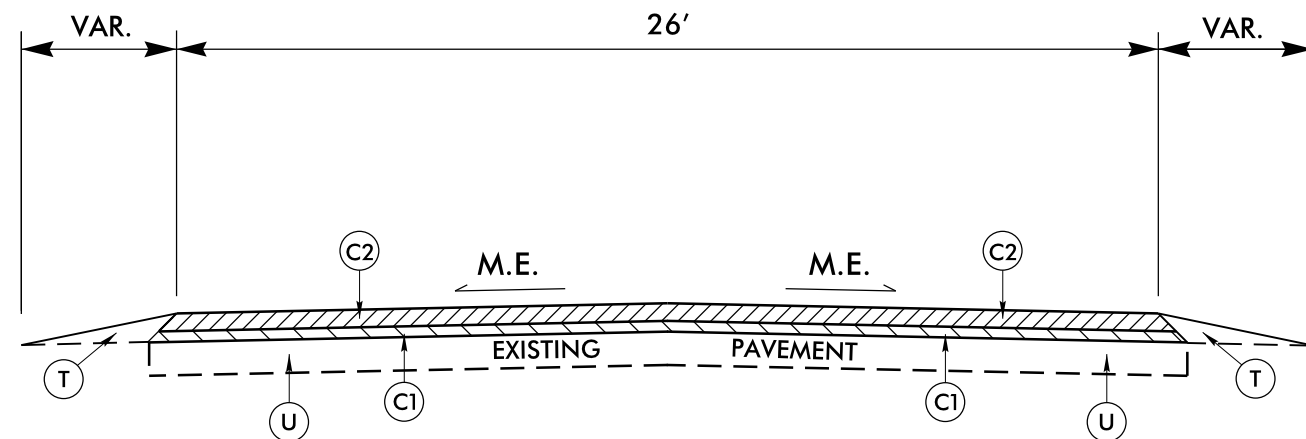
PROJECT REFERENCE NO. 2021CPT.03.07.10821, ETC.	SHEET NO. 4
--	----------------



# Sampson County 33, 35, 36

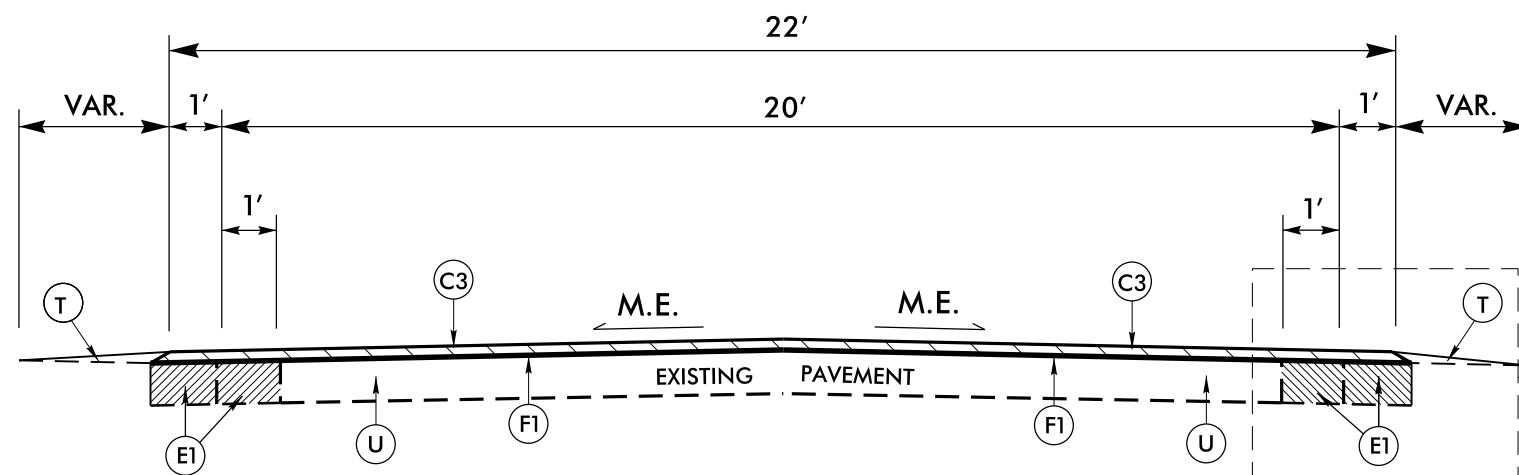
PROJECT REFERENCE NO. 2021CPT.03.07.10821, ETC.	SHEET NO. 5
--	----------------





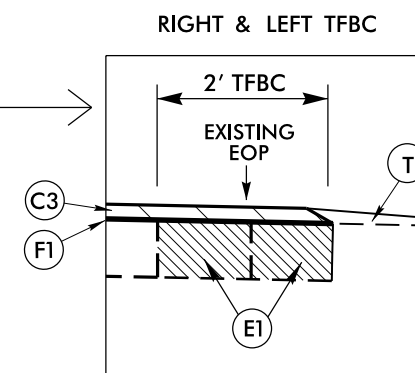
**TYPICAL SECTION NO. 1**

MAP NO. 1  
NC 50 (MT. OLIVE HWY.)  
MP 8.47 – MP 12.26



**TYPICAL SECTION NO. 2**

MAP NO. 2  
SR 1222 (BEULAH RD./W. MAIN ST.)  
MP 0.00 – MP 3.73  
SEE ALSO TYPICAL NO. 3



2 FT. TRENCHING FOR BASE COURSE (TFBC)  
SHALL INCLUDE ONE FT. EXISTING ROADWAY &  
ONE FT. PROPOSED PAVED SHOULDER [RETAIN  
EXISTING

PAVEMENT SCHEDULE	
C1	PROP. APPROX. ¾" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 75 LBS. PER SQ.YD.
C2	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ.YD.
C3	PROP. APPROX. 1½" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ.YD.
C4	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
C5	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 100 LBS. PER SQ.YD.
E1	PROP. APPROX. 4" DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ.YD.
F1	ASPHALT SERVICE TREATMENT - #67 MAT COAT (GRANITE) STONE
R1	EXISTING CONCRETE BRIDGE RAIL
R2	EXISTING CONCRETE 2'-6" CURB & GUTTER
T	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	MILLING ASPHALT PAVEMENT, 1½" DEPTH
V2	MILLING ASPHALT PAVEMENT, 1" DEPTH

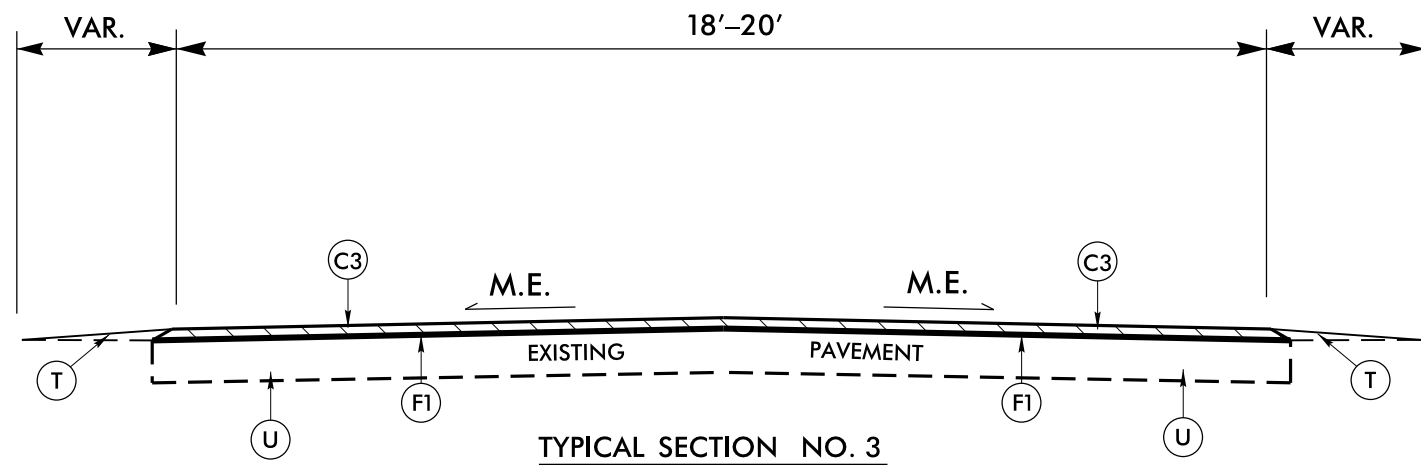
PAVEMENT EDGE SLOPES ARE 1:1, EXCEPT FINAL SURFACE COURSE.  
SEE SHOULDER WEDGE DETAIL.

REVISIONS

8/17/99

Resurfacing\SAMPSON\RALEIGH\_REVISIONS\NEW\_TYPICAL\S\Sampson\_A - Typical.s.dgn

27-OCT-2020 12:30  
S:\Division\Resurfacing\Resurfacing\_Data\2021



**TYPICAL SECTION NO. 3**

MAP NO. 2  
SR 1222 (BEULAH RD./W. MAIN ST.)  
MP 3.73 – MP 4.48  
SEE ALSO TYPICAL NO. 2

MAP NO. 4  
SR 1927 (CORNWALLIS RD.)  
MP 0.00 – MP 5.93  
SEE ALSO TYPICAL NO. 4

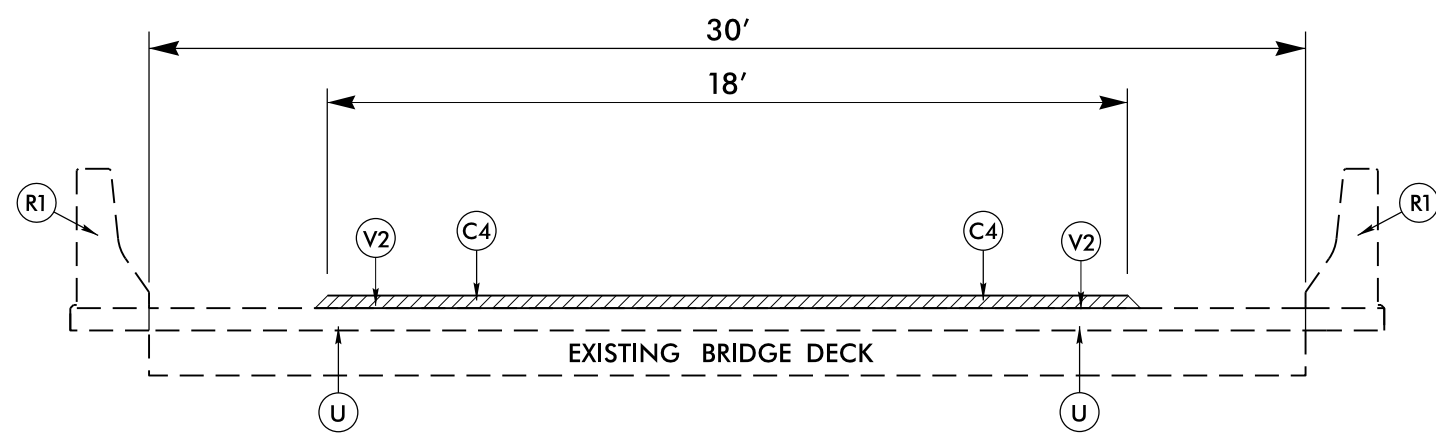
MAP NO. 8  
SR 1214 (WEST ELIZABETH ST.)  
MP 14.50 – MP 15.83  
NO ASPHALT WORK BRIDGE #53 (MP 15.25 – MP 15.31)  
SEE ALSO TYPICAL NO. 5

(V1) NOTES: MAP NO. 4 MILL 1 1/2" FOR FLOODPLAIN FROM MP 5.75 - MP 5.93.  
  
MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

(V1) NOTES: MAP NO. 8 MILL 1 1/2" FOR FLOODPLAIN FROM MP 15.61 - MP 15.66.  
  
MILL A SINGLE LANE AND PAVE BACK BY THE END OF EACH WORK DAY.

PAVEMENT SCHEDULE	
C3	1 1/2" S9.5B
C4	1" S9.5B
F1	AST-MAT COAT #67 (GRANITE) STONE
R1	EXISTING CONCRETE BRIDGE RAIL
T	EARTH MATERIAL SHOULDER RECONST.
U	EXISTING PAVEMENT
V1	MILLING 1 1/2" DEPTH
V2	MILLING 1" DEPTH

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



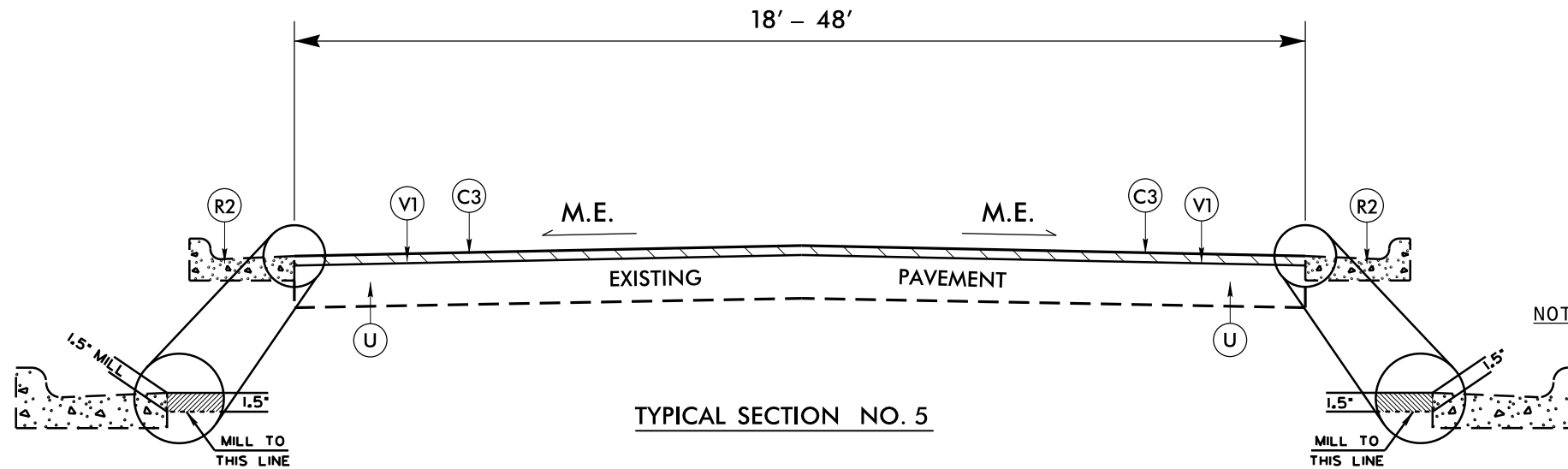
**TYPICAL SECTION NO. 4**

MAP NO. 4  
SR 1927 (CORNWALLIS RD.)  
SAMPSON BRIDGE #28  
MP 5.93 – END OF BRIDGE  
SEE ALSO TYPICAL NO. 3

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

REVISIONS

28-OCT-2020 12:45  
 S:\Division\Resurfacing\Resurfacing Data\2021\Resurfacing\Resurfacing\REVISIONS\NEW TYPICALS\Sampson A - Typical.dgn  
 8/17/99



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

TYPICAL SECTION NO. 5

MAP NO. 5  
SR 1838 (BEAMAN ST.)  
MP 0.00 – MP 0.86  
MP 0.99 – MP 1.17  
NO WORK BRIDGE #376

MAP NO. 6  
SR 1749 (DIXON ST.)  
MP 0.00 – MP 0.09

MAP NO. 7  
SR 1855 (SAMPSON ST./COLLEGE ST.)/SR 1856 (COLLEGE ST.)  
FROM SR 1855 BEGIN MAINTENANCE TO SR 1856 AT US 701-BUS

MAP NO. 8  
SR 1214 (WEST ELIZABETH ST.)  
MP 15.83 – MP 16.06  
SEE ALSO TYPICAL NO. 3

MAP NO. 9  
SR 1839 (NORTH WALL ST./MCKOY ST.)  
MP 1.34 – MP 1.43

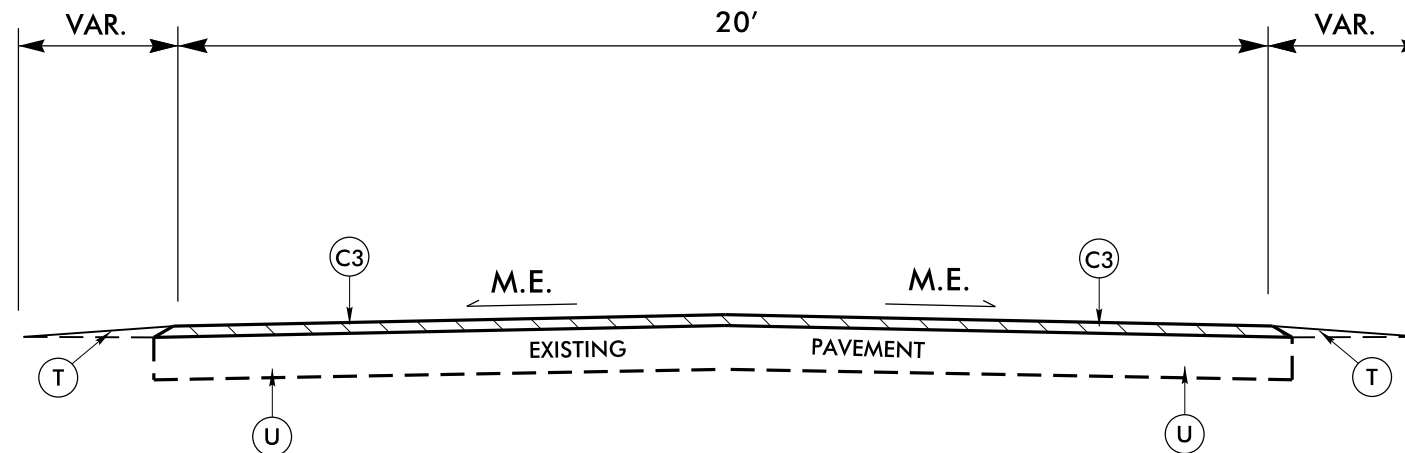
MAP NO. 10  
SR 1231 (LISBON ST./E. MAIN ST.)  
MP 1.23 – MP 1.31

MAP NO. 35  
VANCE ST.  
FROM SAMPSON ST. TO WEST WALL ST.

MAP NO. 36  
EAST MAIN ST.  
FROM WEST MAIN ST. TO LISBON ST.

PAVEMENT SCHEDULE	
C3	1½" S9.5B
R2	EXISTING 2'-6" CONCRETE C & G
T	EARTH MATERIAL SHOULDER RECONST.
U	EXISTING PAVEMENT
V1	MILLING 1½" DEPTH

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



TYPICAL SECTION NO. 6

MAP NO. 12  
SR 1332 (PARKER MEMORIAL RD.)  
MP 0.00 – MP 1.92

REVISIONS

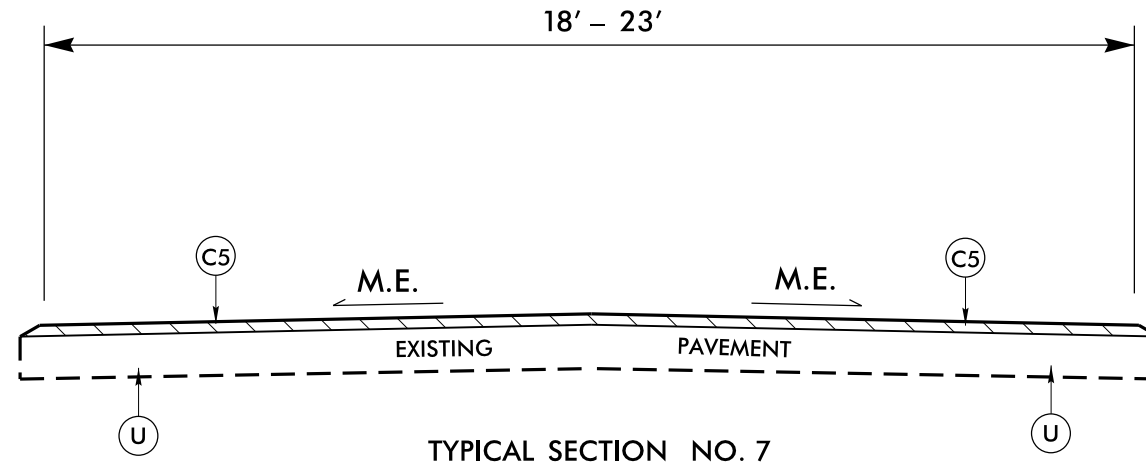
8/17/99

Resurfacing\SAMPSON\RALEIGH REVISIONS\NEW TYPICALS\Sampson\_A - Typical.dgn

27-OCT-2020 12:33  
S:\Division\Resurfacing\Resurfacing Data\2021



8/17/99



PAVEMENT SCHEDULE	
C5	1" S4.75A
U	EXISTING PAVEMENT

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

MAP NO. 16  
SR 1476 (TAYLORS CHAPEL RD.)  
MP 1.65 – MP 4.48

MAP NO. 18  
SR 1616 (CORE RD.)  
MP 0.00 – MP 1.29

MAP NO. 21  
SR 1958 (GLENN RD.)  
MP 0.00 – MP 0.21

MAP NO. 17  
SR 1617 (OLD US 421 HWY.)  
MP 0.00 – MP 0.69

MAP NO. 19  
SR 1622 (JADA ALLEN RD.)  
MP 0.00 – MP 1.19

MAP NO. 33  
SR 1612 (ALDERMAN MILL RD.)  
MP 0.00 – MP 2.86

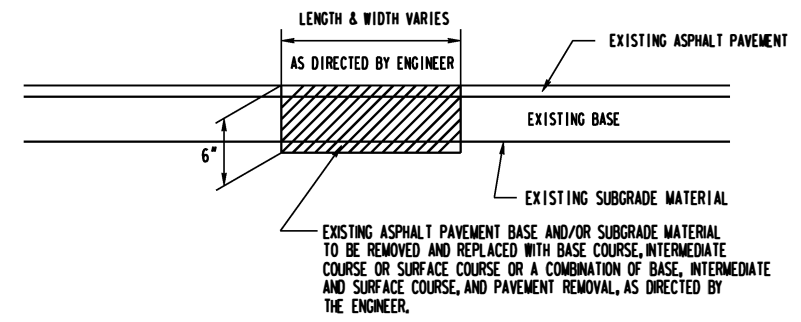
*2018 ROADWAY ENGLISH STANDARD DRAWINGS*

*EFF.01-16-2018  
REV.*

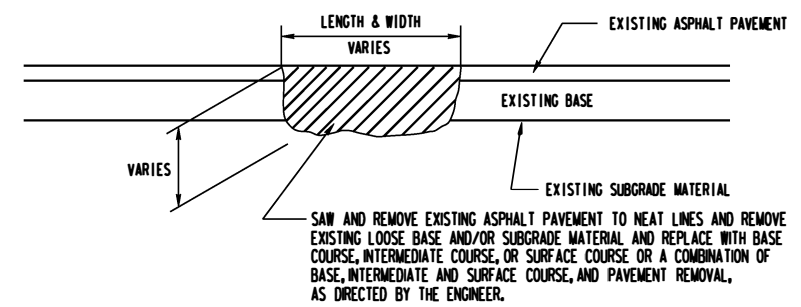
*The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:*

<i>STD.NO.</i>	<i>TITLE</i>
<i>DIVISION 8 - INCIDENTALS</i>	
<i>846.01</i>	<i>Concrete Curb, Gutter and Curb &amp; Gutter</i>
<i>848.01</i>	<i>Concrete Sidewalk</i>
<i>848.05</i>	<i>Curb Ramp - Proposed Curb &amp; Gutter</i>
<i>848.06</i>	<i>Curb Ramp - Existing Curb &amp; Gutter</i>
<i>862.01</i>	<i>Guardrail Placement</i>
<i>862.02</i>	<i>Guardrail Installation</i>
<i>DIVISION 12 - PVMT MARKING, MARKERS AND DELINEATION</i>	
<i>1205.08</i>	<i>Pavement Markings - Symbols &amp; Word Messages</i>

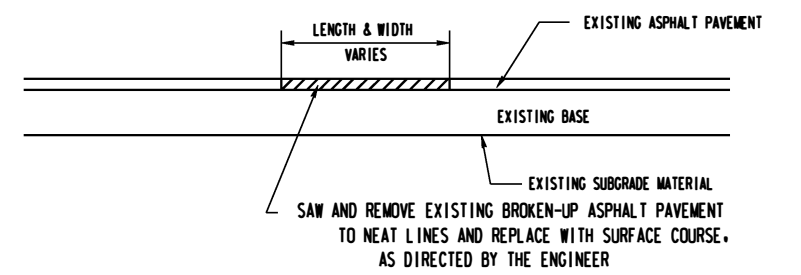
DETAILS OF PATCHING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



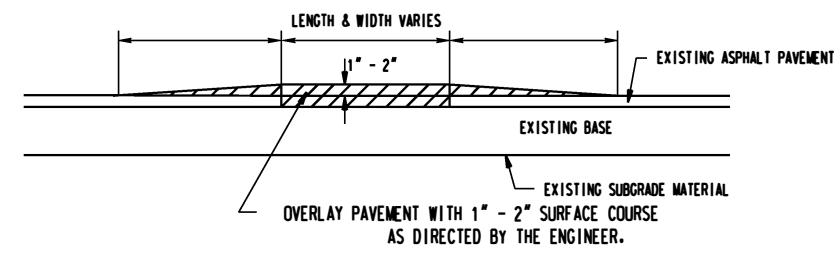
DETAIL NO. 1



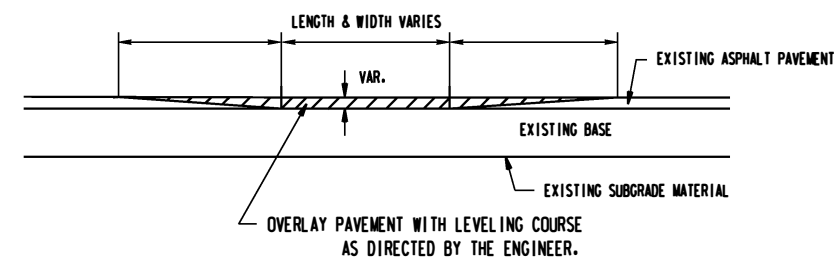
DETAIL NO. 2



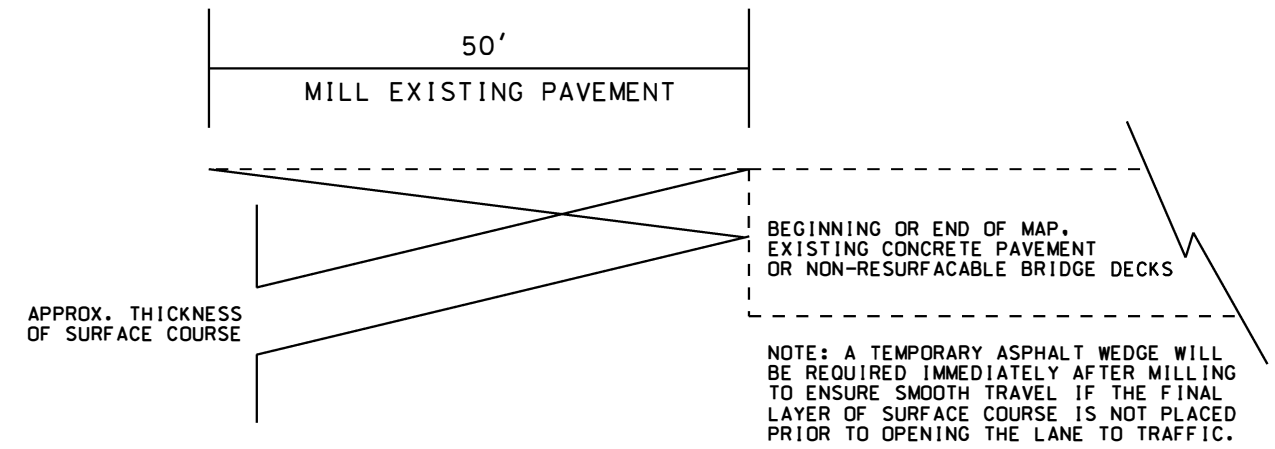
DETAIL NO. 3



DETAIL NO. 4

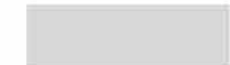


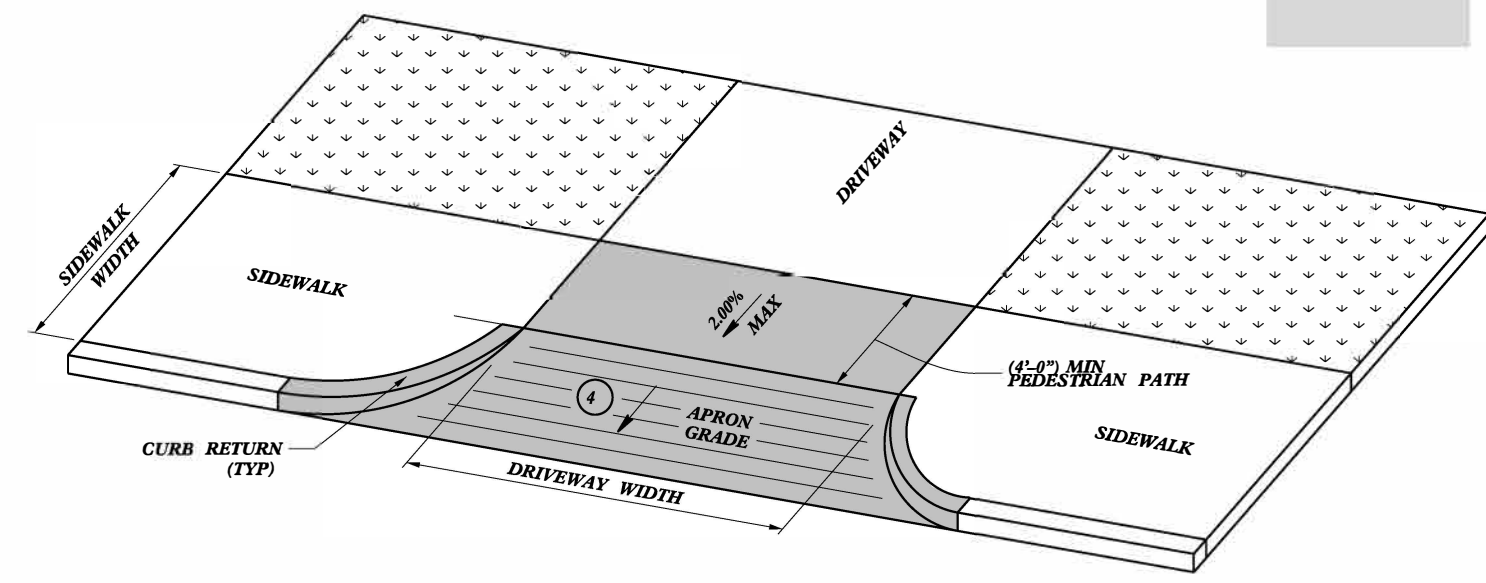
DETAIL NO. 5



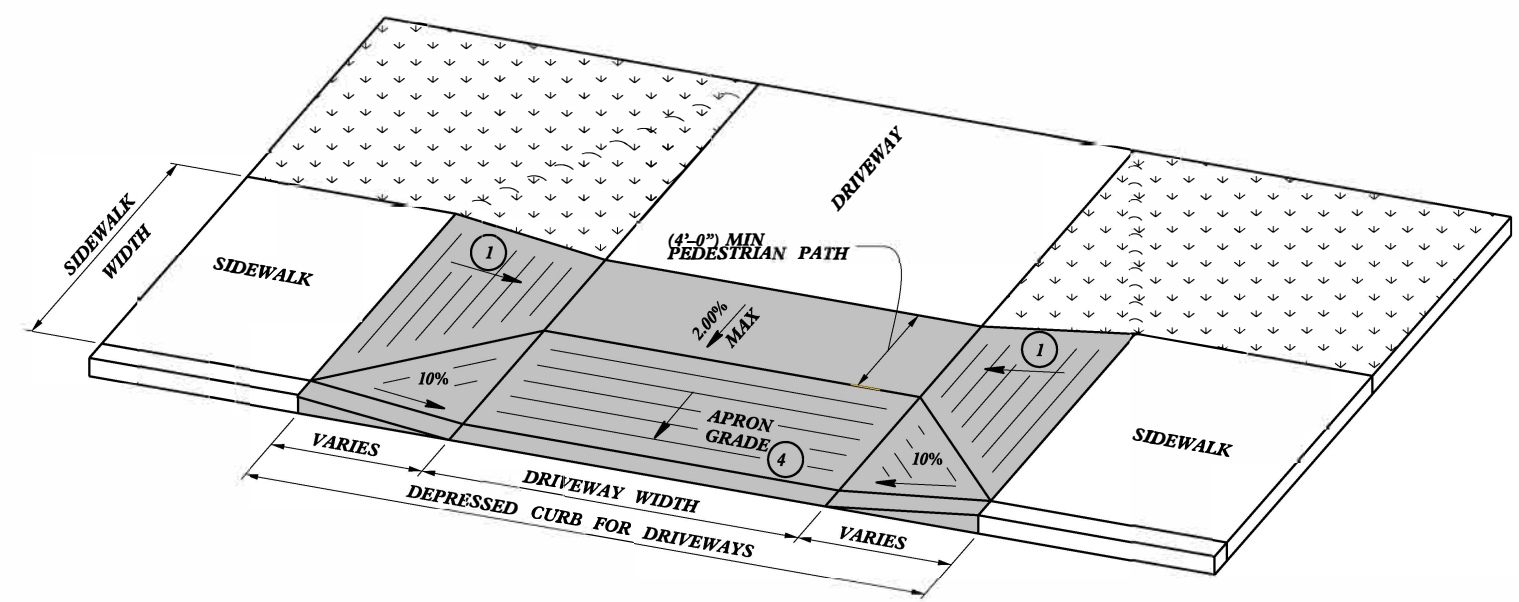
DETAIL FOR MILLING & INCIDENTAL MILLING PAY ITEMS:  
MAY BE USED AT THE BEGINNING & END OF MAPS  
AND AT APPROACH & TRAILING ENDS OF BRIDGES

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 4 8.00% MAX CHANGE IN GRADE BETWEEN ROAD SURFACE AND DRIVEWAY

 PAY LIMITS FOR 1 CURB RAMP



**DRIVEWAY APRON**  
**OPTION 1**

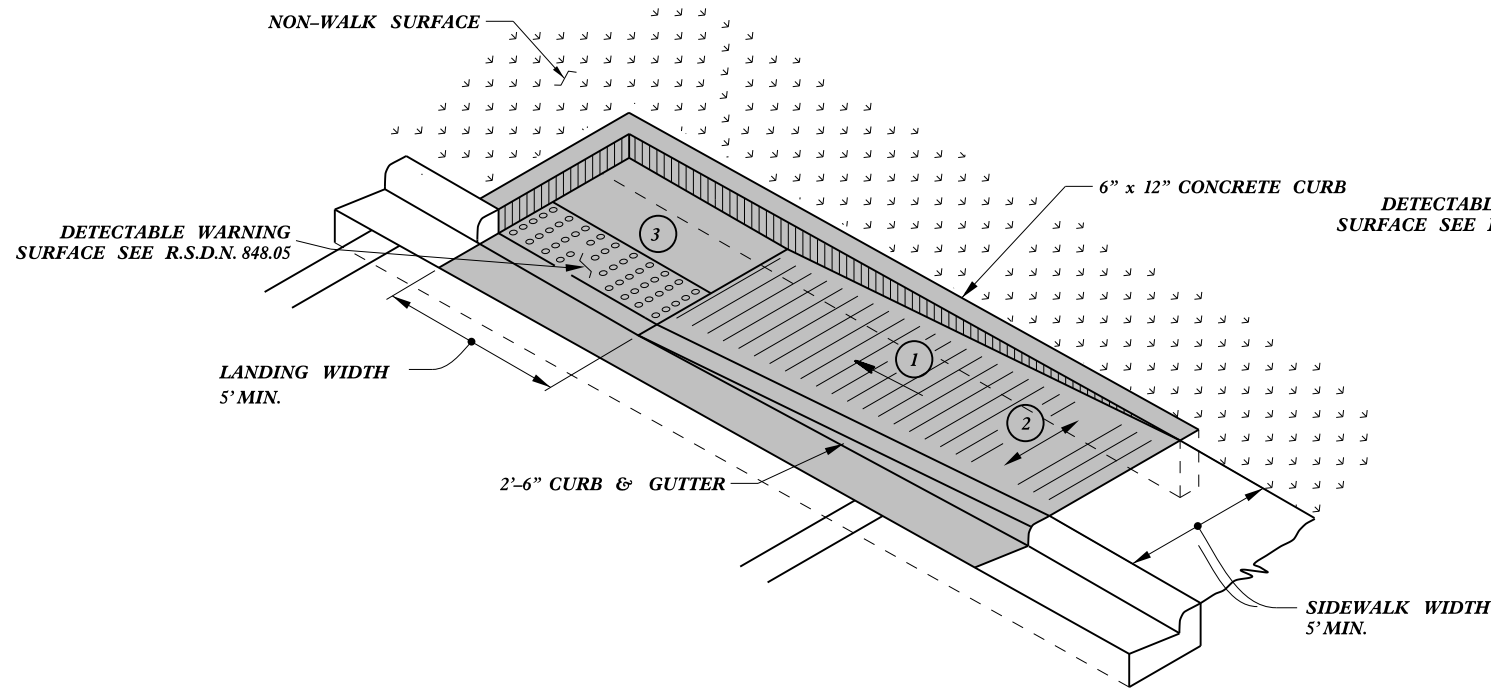


**DRIVEWAY APRON**  
**OPTION 2**

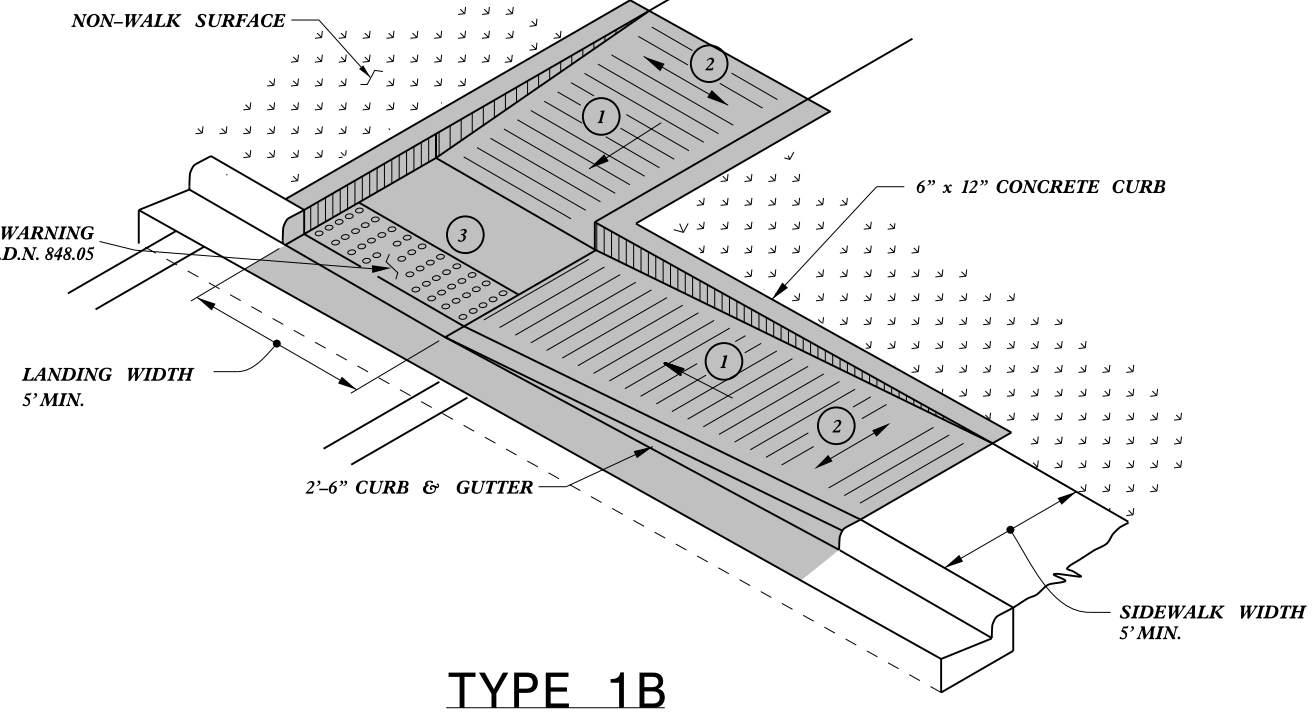
-SEE ROADWAY DETAIL DRAWING 848.05 FOR DETECTABLE WARNING SURFACE AND FOR RAMP NOTES.  
-SEE ROADWAY STANDARD DRAWING 848.02 FOR CONCRETE DRIVEWAYS.

<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950	FAX 919-250-4119
<b>CURB RAMPS</b>	
@ DRIVEWAY OPENINGS	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg	

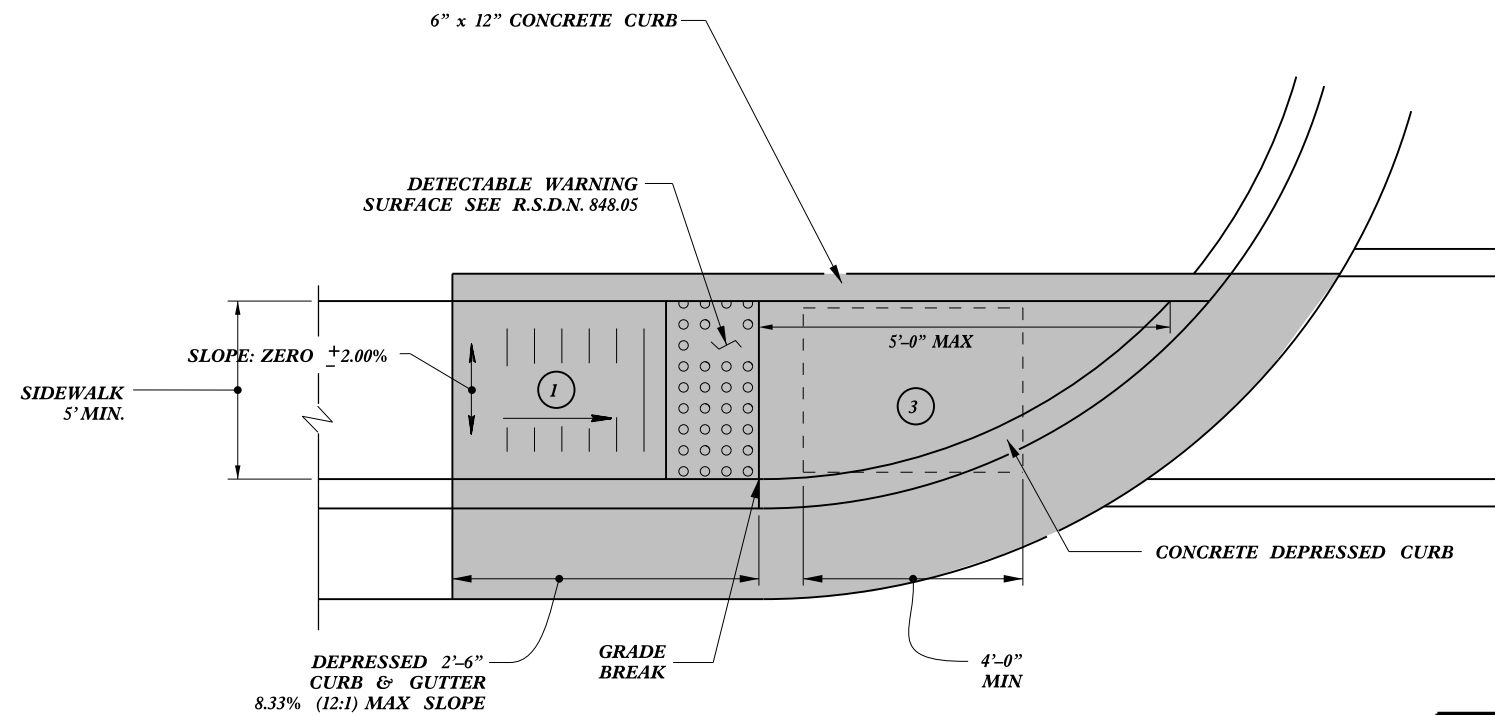
5/14/99  
C:\P\2012\2012CurbRamp\CurbRampDetails.dwg



TYPE 1A



TYPE 1B



TYPE 1

PAY LIMITS FOR 1 CURB RAMP

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES



DocuSign by  
Joel S. Howerton  
449E8E25522144F...

11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

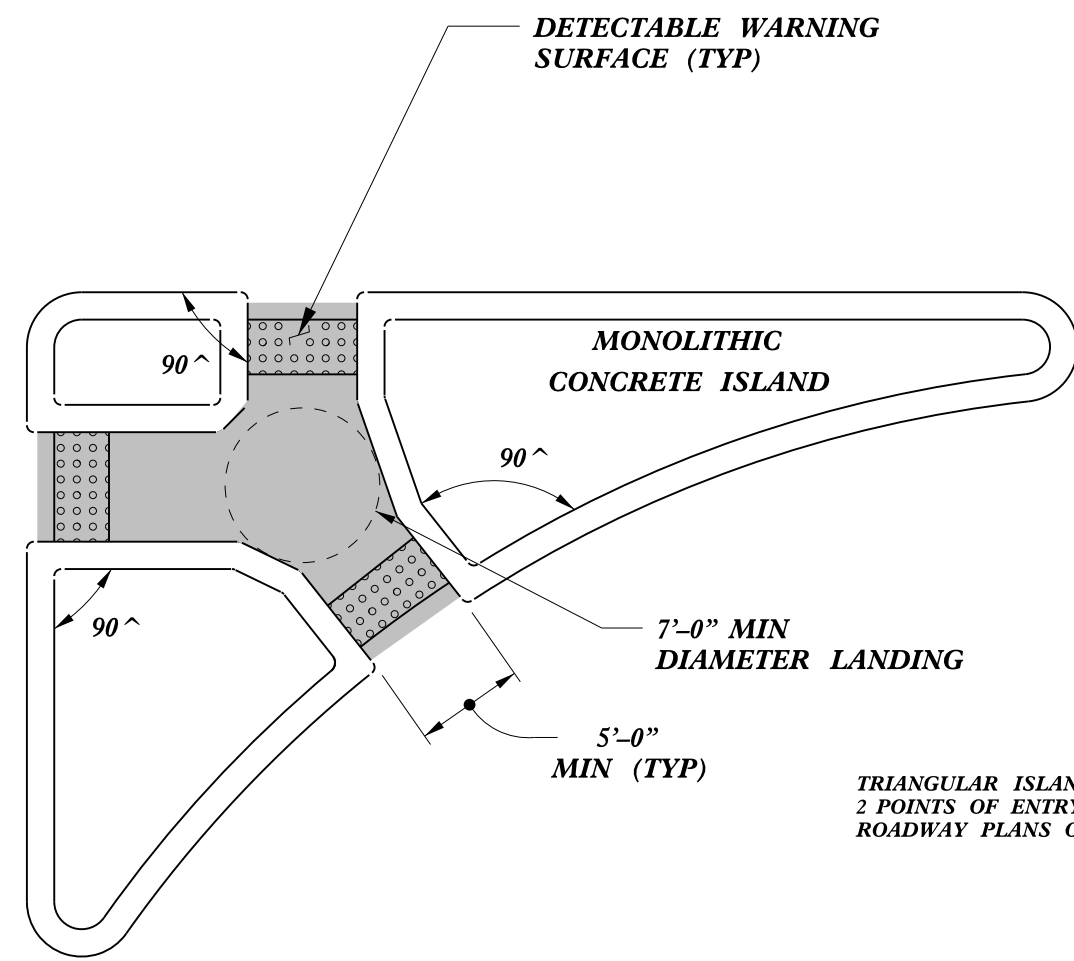
**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**  
Directional Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg

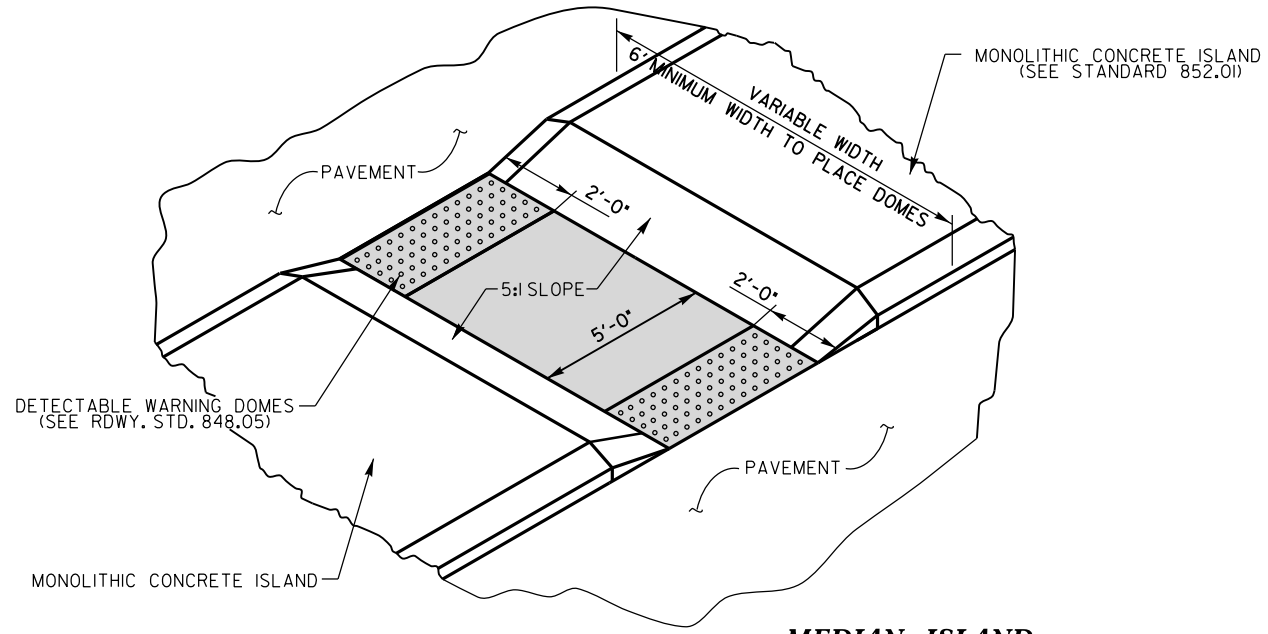
5/14/99  
CONSTRUCTION USER NAME  
DATE

PAY LIMITS FOR 2 OR 3 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF  
SETS OF TRUNCATED DOMES)

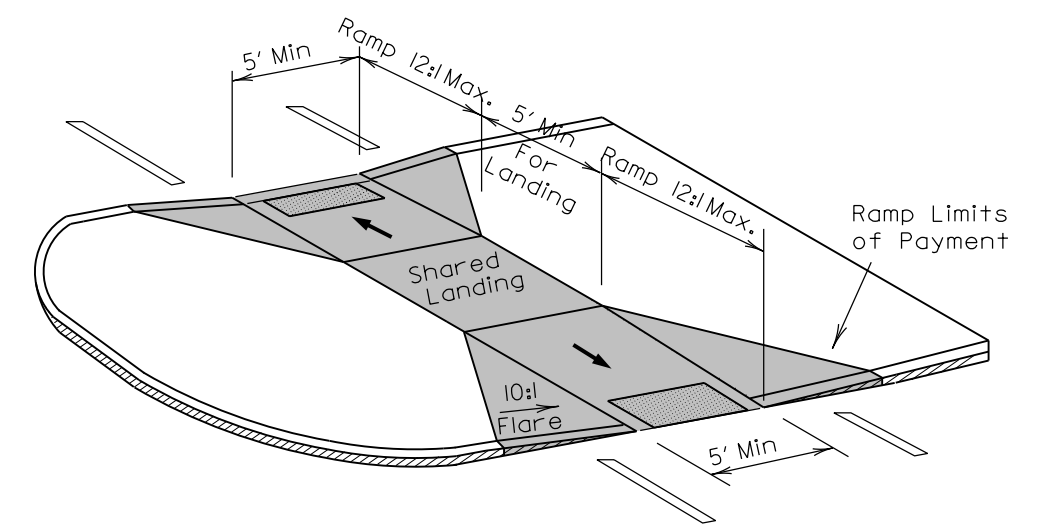


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY  
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE  
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
WITH CUT THROUGH**



**MEDIAN ISLAND  
CURB RAMPS**

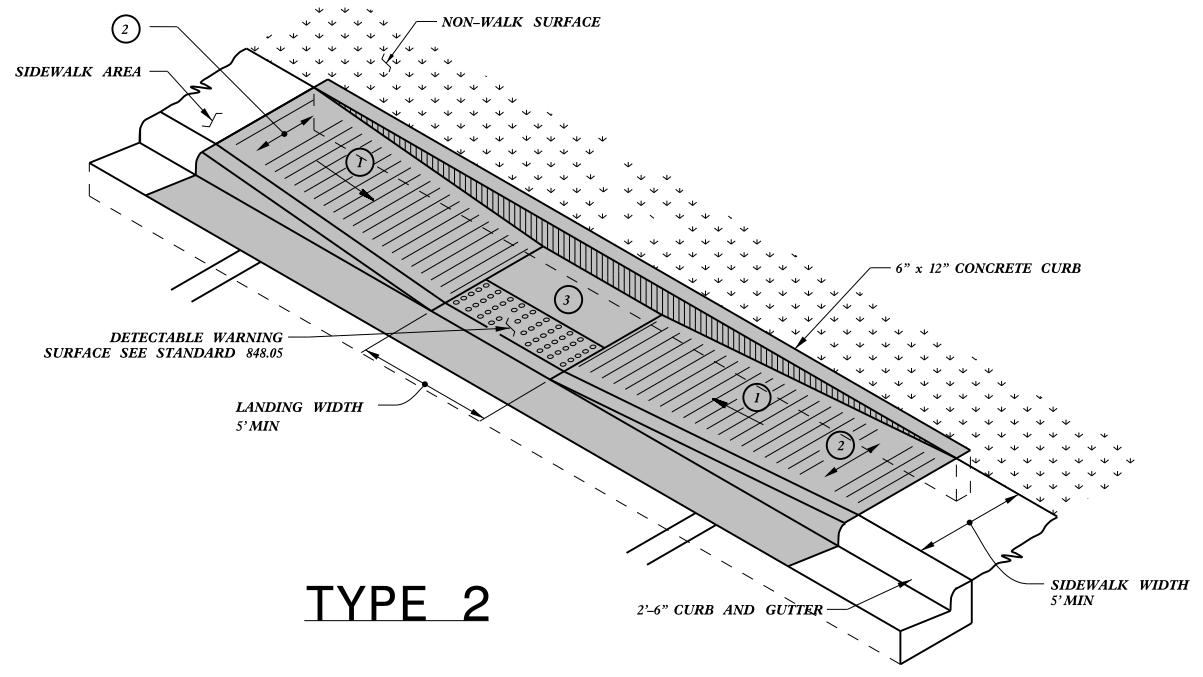
5/14/99  
SYTIME  
SERIAL  
DATE  
C:\P\2012\2522144F\DWG\2012CurbRamp\CurbRampDetails.dwg  
USER: J.S.HOWERTON  
DATE: 11/18/2015 11:18:15 AM  
FILE: 2012CurbRamp\CurbRampDetails.dwg

11/18/2015


DocuSign  
Seal  
Joel S. Howerton  
Professional Engineer  
North Carolina  
SEAL  
022966

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

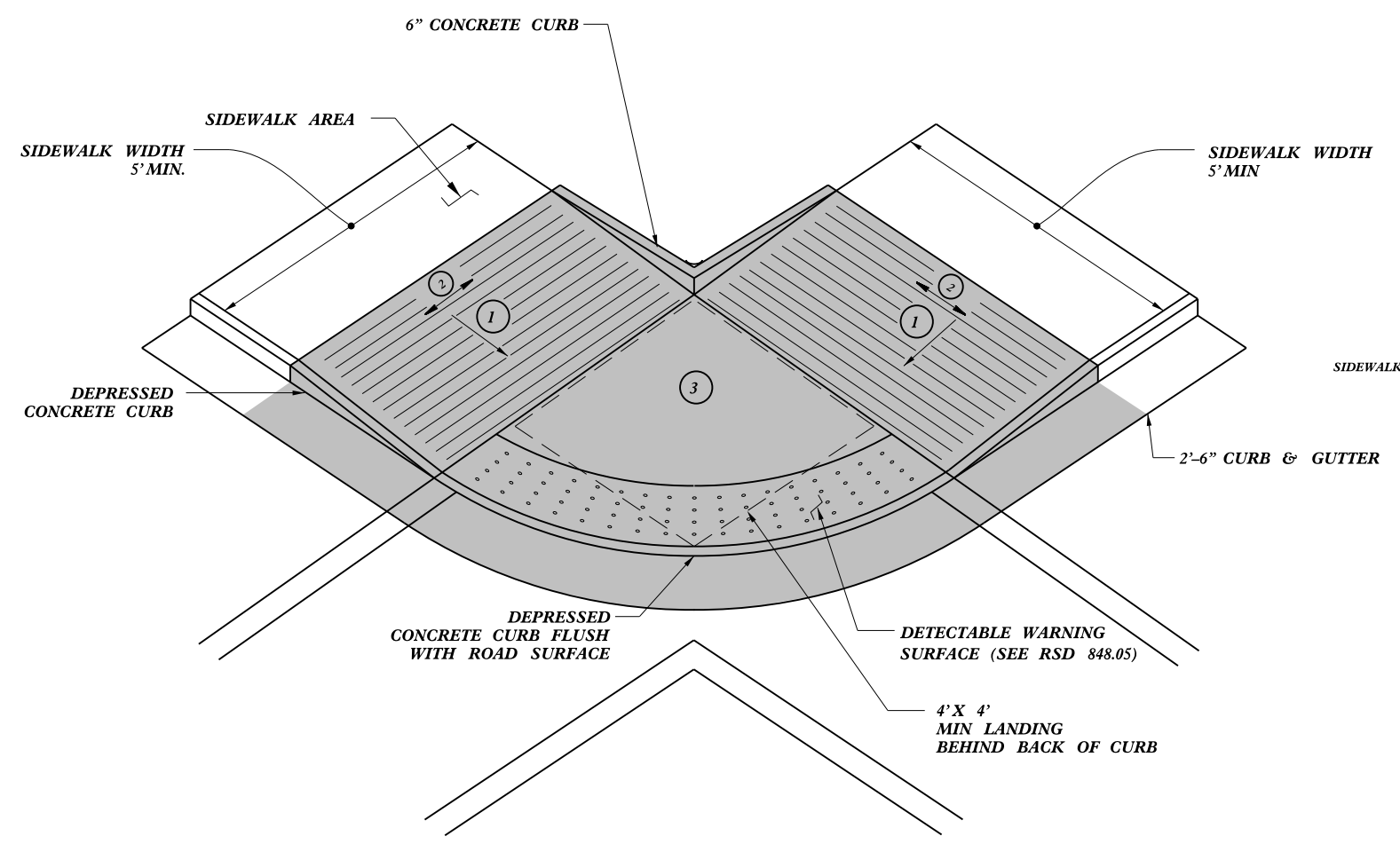
<b>CONTRACT STANDARDS AND DEVELOPMENT UNIT</b>	
Office 919-707-6950 FAX 919-250-4119	
<b>CURB RAMPS</b>	
Median or Turn Lane Islands	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg	



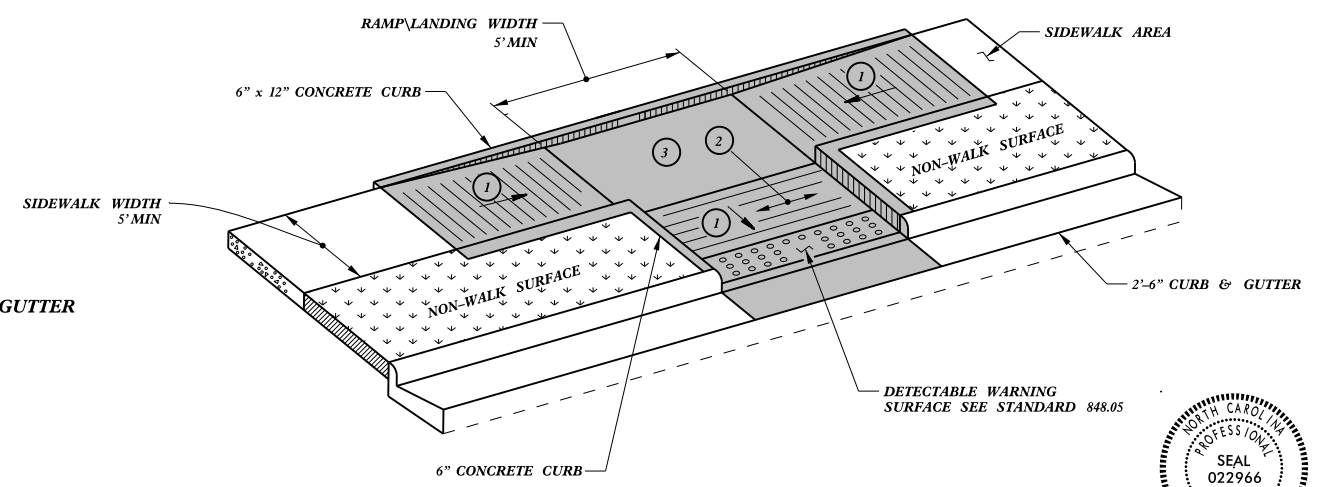
**TYPE 2**

 PAY LIMITS FOR 1 CURB RAMP

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**TYPE 2A**



**TYPE 3**

11/18/2015



DocuSign  
Joel S. Howerton  
449E8E25522144E

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

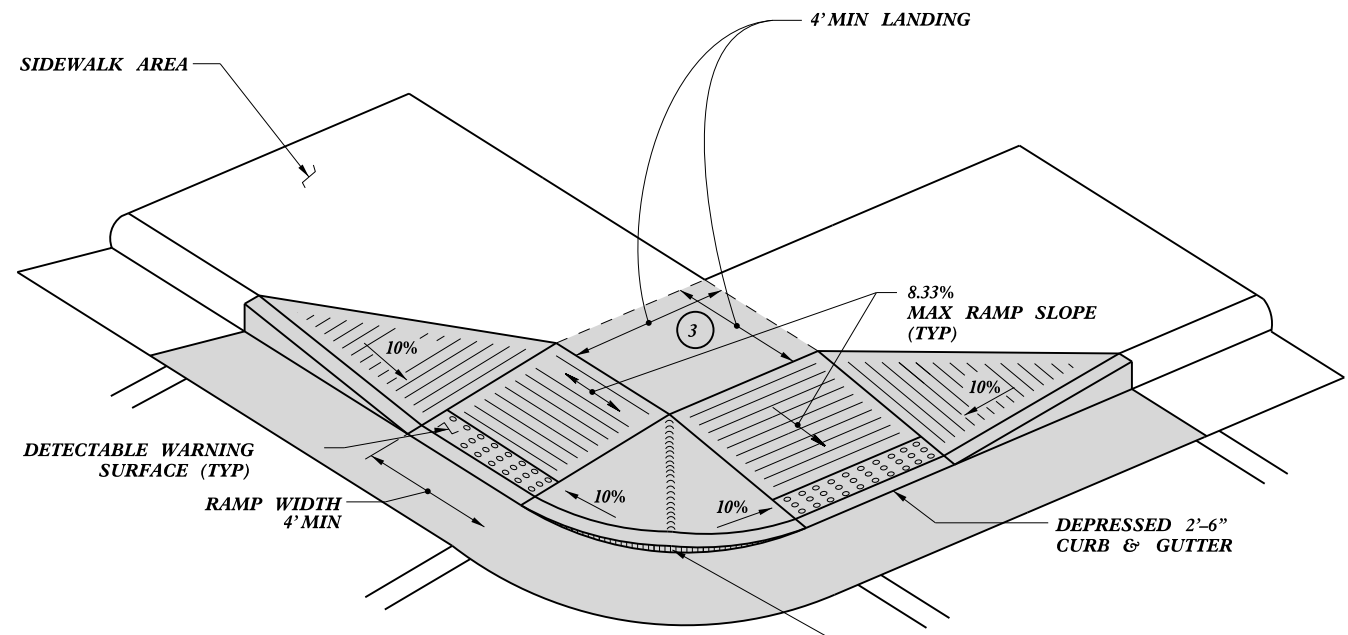
**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**  
Parallel Ramps

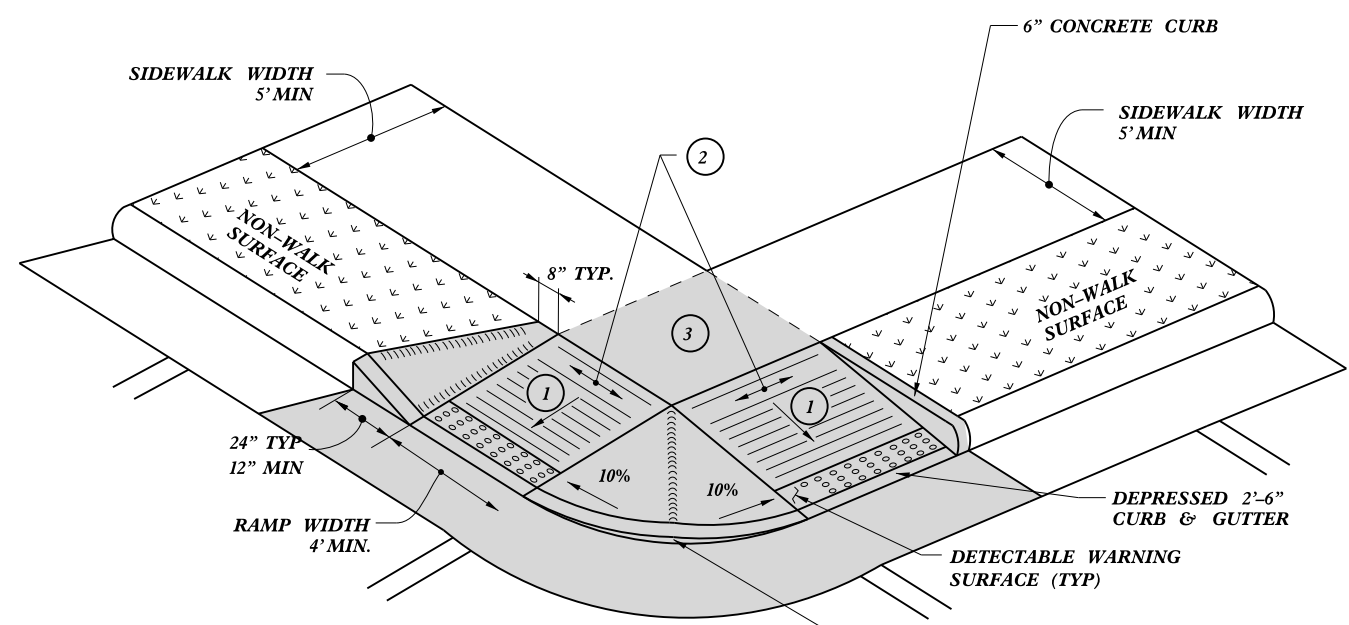
ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: DATE: \_\_\_\_\_  
CHECKED BY: DATE: \_\_\_\_\_  
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

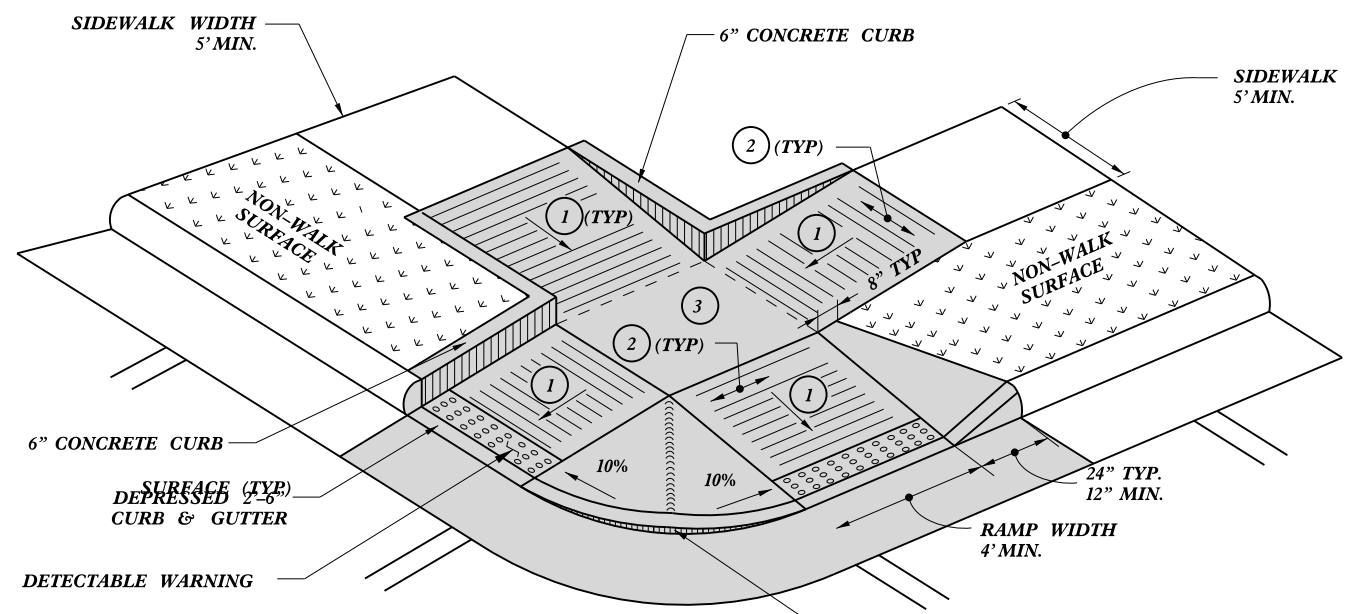
5/14/99



**TYPE 4**



**TYPE 4A**

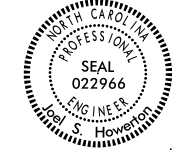


**TYPE 5**

PAY LIMITS FOR 2 CURB RAMPS

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

DocuSigned by:  
Joel S Howerton  
449E8E25522144F...



11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**  
Shared Landing

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
FILE SPEC. :stds/2012CurbRamp/CurbRampDetails.dwg

REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/199

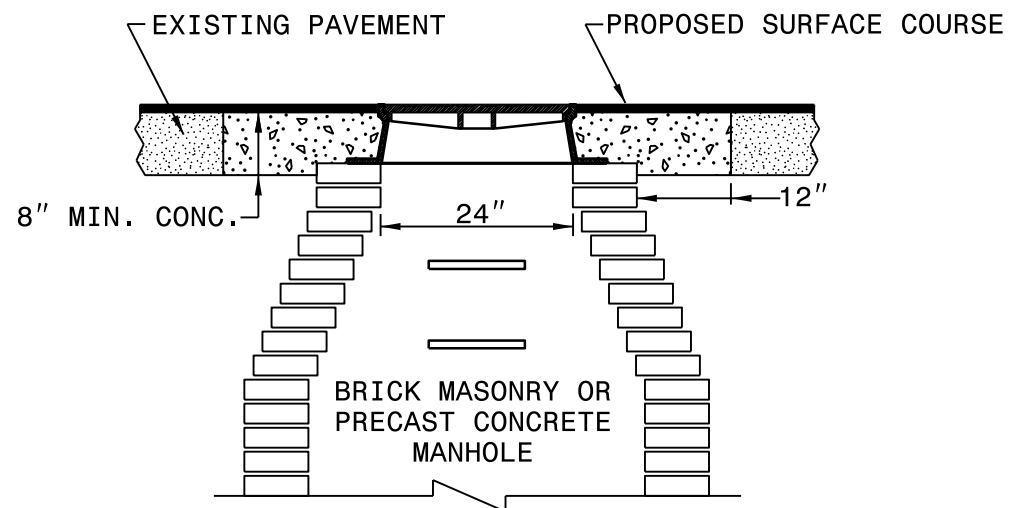
STATE OF  
 NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR  
**MANHOLE AND VALVE BOX ADJUSTMENTS**

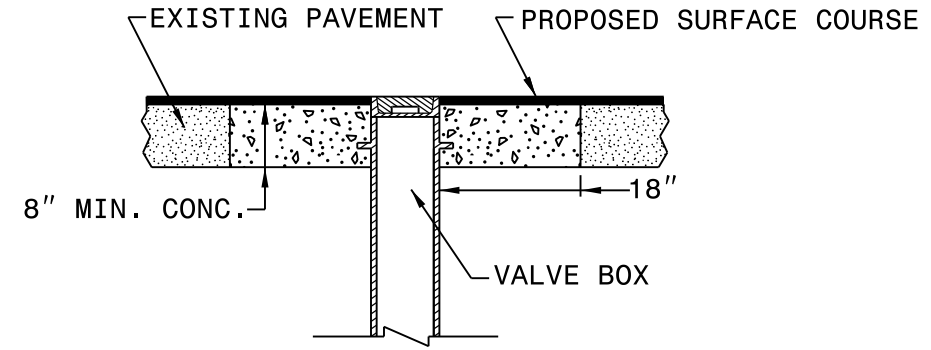
SHEET 1 OF 1  
**840D55**

GENERAL NOTES:

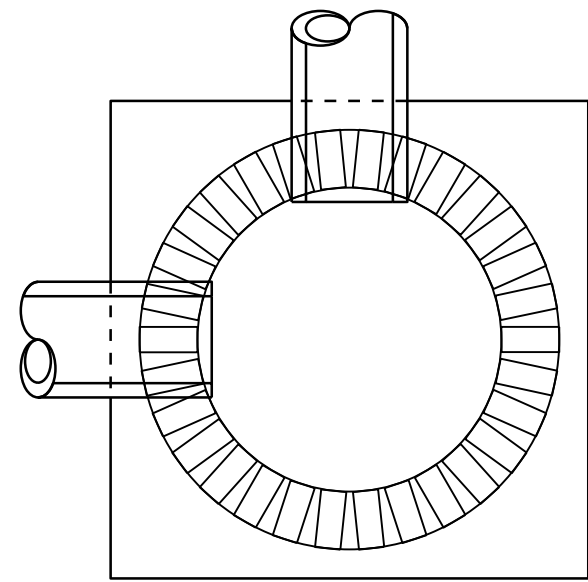
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL SIDES.
4. FILL AREA BELOW 8" DEPTH WITH 78M OR NO. 57 CLEAN STONE.
5. MIX MORTAR TO NCDOT SPECIFICATIONS.
6. MORTAR JOINTS  $\frac{1}{2}$ " +/-  $\frac{1}{8}$ "
7. CONSTRUCT AN ASPHALT RAMP IN ACCORDANCE WITH SECTION 858-3 OF THE 2018 STANDARD SPECIFICATIONS.



**MANHOLE CONCRETE ENCASEMENT**



**VALVE BOX CONCRETE ENCASEMENT**



**ELEVATION VIEW**

PLACE BRICK ACCORDING TO ELEVATION VIEW

ENGLISH DETAIL DRAWING FOR  
**MANHOLE AND VALVE BOX ADJUSTMENTS**

SHEET 1 OF 1  
**840D55**

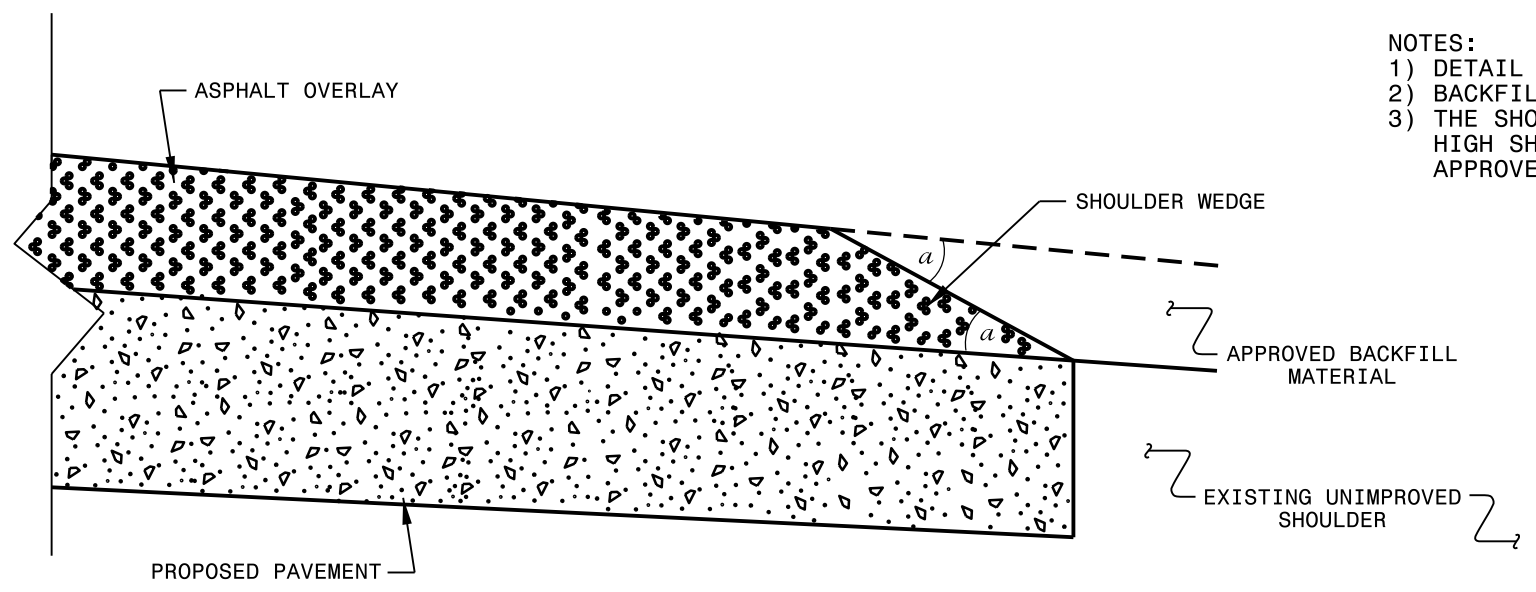
STATE OF  
 NORTH CAROLINA  
 DEPT. OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 RALEIGH, N.C.

REVISIONS

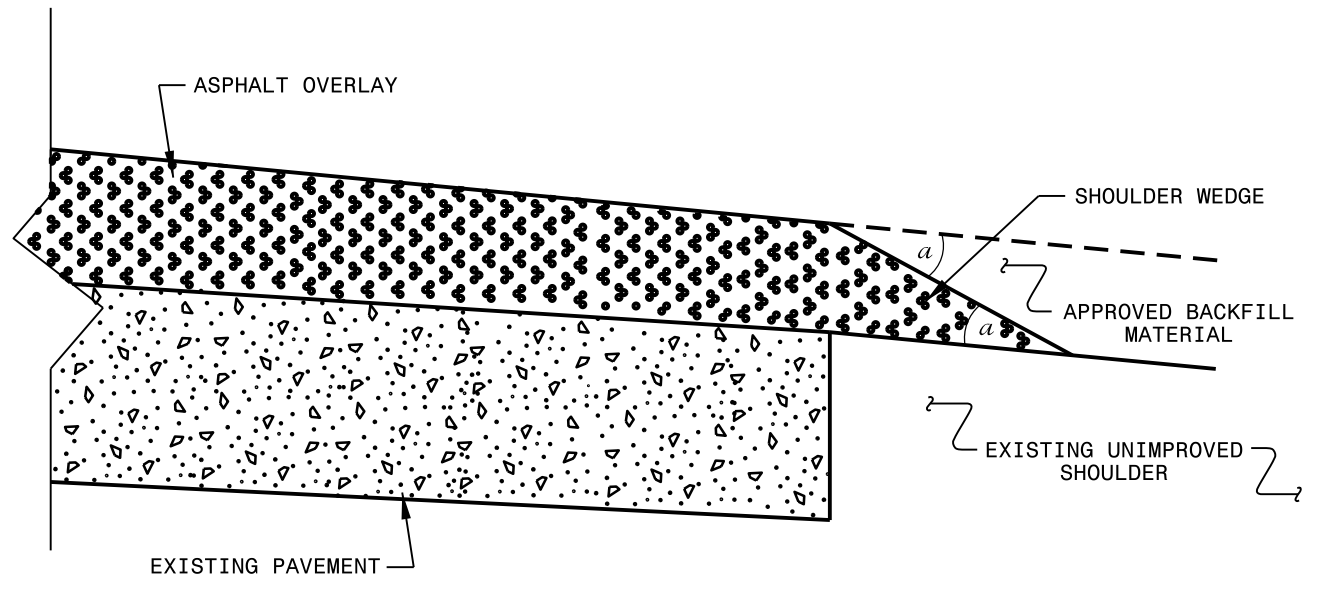
28-NOV-2017 10:49  
 S:\Division Resurfacing\z Design Standards & CADD\CADD\_Specs.Dwg\Tutorials\_Curb, Etc.rxdgn  
 \$\$\$SUSPENSE\$\$\$



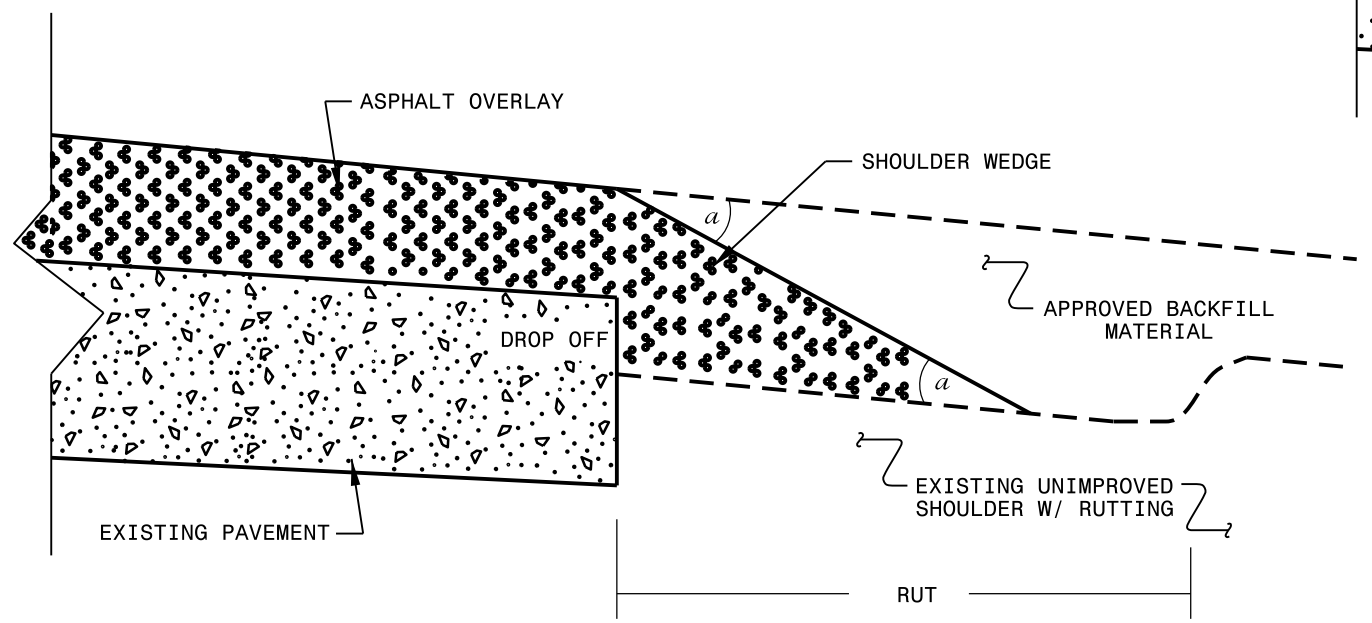
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
  - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
  - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



**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		

27 JUN 2018 13:22  
 s:\usr\details\stand\shoulderwedgedetail.dgn  
 3\Sampson August 2018 Revised Shoulder Wedge Detail.dgn  
 2021CPT.03.07.10821,Etc.

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	18

# 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	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E			
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONST.	1.5" MILLING	1" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C		
												MI	FT	CY	TON	SMI	SY	SY	SY	TONS	TON	TON	TON
2021CPT.03.07.10821	Sampson	1	NC 50 (MT. OLIVE HWY.)	FROM WAYNE COUNTY LINE (MT. OLIVE HWY.) TO SR 1707 (CORBETT RD.) [MP 8.47 - MP 12.26]	1	2	2WU	NO	NO	3.79	26	309	94	7.58			287				5,481		
<b>TOTAL FOR MAP NO. 1</b>												<b>3.79</b>		<b>309</b>	<b>94</b>	<b>7.58</b>			<b>287</b>				<b>5,481</b>
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.10821</b>												<b>3.79</b>		<b>309</b>	<b>94</b>	<b>7.58</b>			<b>287</b>				<b>5,481</b>
2021CPT.03.07.20821	Sampson	2	SR 1222 (BEULAH RD. / WEST MAIN ST.)	FROM US 701 TO 0.10 MILES SOUTH OF SR 1229 (OVERLAND RD.) [MP 0.00 - MP 4.48]	2,3	2	2WU	NO	NO	4.48	20-22	365	35	8.96			460	2,754	5,018	400			
<b>TOTAL FOR MAP NO. 2</b>												<b>4.48</b>		<b>365</b>	<b>35</b>	<b>8.96</b>			<b>460</b>	<b>2,754</b>	<b>5,018</b>	<b>400</b>	
2021CPT.03.07.20821	Sampson	4	SR 1927 (CORNWALLIS RD.)	FROM DUPLIN COUNTY LINE TO DUPLIN COUNTY LINE (0.24 MILES SOUTHEAST OF SR 1108 CARROLLS RD.) [MP 0.00 - MP 5.93]	3,4	2	2WU	NO	NO	5.93	18	302	100	11.86	1,901	373					5,462		
<b>TOTAL FOR MAP NO. 4</b>												<b>5.93</b>		<b>302</b>	<b>100</b>	<b>11.86</b>	<b>1,901</b>	<b>373</b>				<b>5,462</b>	
2021CPT.03.07.20821	Sampson	5	SR 1838 (BEAMAN ST.)	FROM SR 1855 (COLLEGE ST.) TO SR 1356 (NORTH BLVD.) [MP 0.00 - MP 1.17]	5	2	2WU	NO	NO	1.17	37										2,102		
<b>TOTAL FOR MAP NO. 5</b>												<b>1.17</b>										<b>2,102</b>	
2021CPT.03.07.20821	Sampson	6	SR 1749 (DIXON ST.)	FROM SR 1356 (NORTH BLVD.) TO US 701 BUS. (NORTHEAST BLVD.) [MP 0.00 - MP 0.11]	5	2	2WU	NO	NO	0.09	48										210		
<b>TOTAL FOR MAP NO. 6</b>												<b>0.09</b>										<b>210</b>	
2021CPT.03.07.20821	Sampson	7	SR 1855 / SR 1856 (SAMPSON ST. / COLLEGE ST.)	FROM SR 1855 BEGIN MAINTENANCE TO SR 1856 AT US 701- BUS	5	2	2WU	NO	NO	0.87	40										1,843		
<b>TOTAL FOR MAP NO. 7</b>												<b>0.87</b>										<b>1,843</b>	
2021CPT.03.07.20821	Sampson	8	SR 1214 (WEST ELIZABETH ST.)	FROM SR 1226 (INDIAN TOWN RD.) TO SR 1231 (LISBON ST.) [MP 14.50 - MP 16.06]	3,5	2	2WU	NO	NO	1.56	20	108	142	2.66	18,891						1,520		
<b>TOTAL FOR MAP NO. 8</b>												<b>1.56</b>		<b>108</b>	<b>142</b>	<b>2.66</b>	<b>18,891</b>				<b>1,520</b>		
2021CPT.03.07.20821	Sampson	9	SR 1839 (NORTH WALL ST./ MCKOY ST.)	FROM SYCAMORE ST. TO SR 1214 (ELIZABETH ST.) [MP 1.34 - MP 1.43]	5	2	2WU	NO	NO	0.09	30										131		
<b>TOTAL FOR MAP NO. 9</b>												<b>0.09</b>									<b>131</b>		
2021CPT.03.07.20821	Sampson	10	SR 1231 (LISBON ST. / EAST MAIN ST.)	FROM SR 1214 (WEST ELIZABETH ST.) TO SR 1855 (COLLEGE ST.) [MP 1.23 - MP 1.31]	5	2	2WU	NO	NO	0.08	20										78		
<b>TOTAL FOR MAP NO. 10</b>												<b>0.08</b>									<b>78</b>		
2021CPT.03.07.20821	Sampson	12	SR 1332 (PARKER MEMORIAL RD.)	FROM SR 1006 (HIGH HOUSE RD.) TO SR 1325 (HONEYCUTT RD.) [MP 0.00 - MP 1.92]	6	2	2WU	NO	NO	1.92	20	98	30	3.84							1,870		
<b>TOTAL FOR MAP NO. 12</b>												<b>1.92</b>		<b>98</b>	<b>30</b>	<b>3.84</b>					<b>1,870</b>		
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20821</b>												<b>16.19</b>		<b>873</b>	<b>307</b>	<b>27.32</b>	<b>72,462</b>	<b>373</b>	<b>460</b>	<b>2,754</b>	<b>18,234</b>	<b>400</b>	

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	19

**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	0106000000-E	1220000000-E	1245000000-E	1297000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E			
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONST.	1.5" MILLING	1" MILLING	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C		
											MI	FT	CY	TON	SMI	SY	SY	SY	TONS	TON	TON	TON	
2021CPT.03.07.20822	Sampson	16	SR 1476 (TAYLORS CHAPEL RD.)	FROM US 13 (FAYETTEVILLE HWY.) TO SR 1607 (CHRISTMAS TREE RD.) [MP 1.65 - MP 4.48]	7	2	2WU	NO	NO	2.83	18												
<b>TOTAL FOR MAP NO. 16</b>											<b>2.83</b>												
2021CPT.03.07.20822	Sampson	17	SR 1617 (OLD US 421)	FROM US 421 (PLAIN VIEW HWY.) TO US 421 (PLAIN VIEW HWY.) [MP 0.00 - MP 0.69]	7	2		NO	NO	0.69	20												
<b>TOTAL FOR MAP NO. 17</b>											<b>0.69</b>												
2021CPT.03.07.20822	Sampson	18	SR 1616 (CORE RD.)	FROM US 421 (PLAIN VIEW HWY.) TO SR 1476 (UNION GROVE CHURCH RD.) [MP 0.00 - MP 1.29]	7	2	2WU	NO	NO	1.29	20												
<b>TOTAL FOR MAP NO. 18</b>											<b>1.29</b>												
2021CPT.03.07.20822	Sampson	19	SR 1622 (JADA ALLEN RD.)	FROM SR 1005 (GREEN PATH RD.) TO HARNETT COUNTY LINE [MP 0.00 - MP 1.19]	7	2	2WU	NO	NO	1.19	18												
<b>TOTAL FOR MAP NO. 19</b>											<b>1.19</b>												
2021CPT.03.07.20822	Sampson	21	SR 1958 (GLENN RD.)	FROM SR 1227 (TRAM RD.) TO DEAD END [MP 0.00 - MP 0.21]	7	2	2WU	NO	NO	0.21	20												
<b>TOTAL FOR MAP NO. 21</b>											<b>0.21</b>												
2021CPT.03.07.20822	Sampson	33	SR 1612 (ALDERMAN MILL RD.)	FROM SR 1607 (CHRISTMAS TREE RD.) TO SR 1002 (N. SPRING BRANCH RD.) [MP 0.00 - MP 2.86]	7	2	2WU	NO	NO	2.86	18												
<b>TOTAL FOR MAP NO. 33</b>											<b>2.86</b>												
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20822</b>											<b>9.07</b>												
36248.97	Sampson	35	(VANCE ST.)	FROM SR 1855 (SAMPSON ST.) TO SR 1839 (MCKOY ST.)	5	2		NO	NO	0.1	24										171		
<b>TOTAL FOR MAP NO. 35</b>											<b>0.1</b>											<b>171</b>	
36248.97	Sampson	36	(EAST MAIN ST.)	FROM SR 1839 (MCKOY ST. /NORTH WALL ST.) TO SR 1231 (LISBON ST.)	5	2		NO	NO	0.1	24										221		
<b>TOTAL FOR MAP NO. 36</b>											<b>0.1</b>											<b>221</b>	
<b>TOTAL FOR PROJ NO. 36248.97</b>											<b>0.2</b>											<b>392</b>	
<b>GRAND TOTAL</b>											<b>29.25</b>			<b>1,182</b>	<b>401</b>	<b>34.90</b>	<b>74,574</b>	<b>373</b>	<b>747</b>	<b>2,754</b>	<b>18,626</b>	<b>400</b>	<b>5,481</b>

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	20

## 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	1526000000-E	1575000000-E	1775500000-E	1838000000-E	1880000000-E			2591000000-E	2613000000-N	2752000000-E		
												SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH)	PATCHING EXISTING PAVEMENT (MILL)	LEVELING COURSE, S4.75A	4" CONCRETE SIDEWALK	REMOVE & REPLACE CURB RAMP	REMOVE & REPLACE 2'-6" CURB & GUTTER		
											MI	FT	TON	TON	SY	GAL	TON	TON	TON	SY	EA	LF	
2021CPT.03.07.10821	Sampson	1	NC 50 (MT. OLIVE HWY.)	FROM WAYNE COUNTY LINE (MT. OLIVE HWY.) TO SR 1707 (CORBETT RD.) [MP 8.47 - MP 12.26]	1	2	2WU	NO	NO	3.79	26	2,456	501				70						
<b>TOTAL FOR MAP NO. 1</b>											<b>3.79</b>		<b>2,456</b>	<b>501</b>			<b>70</b>						
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.10821</b>											<b>3.79</b>		<b>2,456</b>	<b>501</b>			<b>70</b>						
2021CPT.03.07.20821	Sampson	2	SR 1222 (BEULAH RD. / WEST MAIN ST.)	FROM US 701 TO 0.10 MILES SOUTH OF SR 1229 (OVERLAND RD.) [MP 0.00 - MP 4.48]	2,3	2	2WU	NO	NO	4.48	20-22		487	48,863	19,550								
<b>TOTAL FOR MAP NO. 2</b>											<b>4.48</b>			<b>487</b>	<b>48,863</b>	<b>19,550</b>							
2021CPT.03.07.20821	Sampson	4	SR 1927 (CORNWALLIS RD.)	FROM DUPLIN COUNTY LINE TO DUPLIN COUNTY LINE (0.24 MILES SOUTHEAST OF SR 1108 CARROLLS RD.) [MP 0.00 - MP 5.93]	3,4	2	2WU	NO	NO	5.93	18		366	62,621	25,050								
<b>TOTAL FOR MAP NO. 4</b>											<b>5.93</b>			<b>366</b>	<b>62,621</b>	<b>25,050</b>			<b>316</b>				
2021CPT.03.07.20821	Sampson	5	SR 1838 (BEAMAN ST.)	FROM SR 1855 (COLLEGE ST.) TO SR 1356 (NORTH BLVD.) [MP 0.00 - MP 1.17]	5	2	2WU	NO	NO	1.17	37		141						11	5	264		
<b>TOTAL FOR MAP NO. 5</b>											<b>1.17</b>			<b>141</b>					<b>11</b>	<b>5</b>	<b>264</b>		
2021CPT.03.07.20821	Sampson	6	SR 1749 (DIXON ST.)	FROM SR 1356 (NORTH BLVD.) TO US 701 BUS. (NORTHEAST BLVD.) [MP 0.00 - MP 0.11]	5	2	2WU	NO	NO	0.09	48		14						11		100		
<b>TOTAL FOR MAP NO. 6</b>											<b>0.09</b>			<b>14</b>					<b>11</b>		<b>100</b>		
2021CPT.03.07.20821	Sampson	7	SR 1855 / SR 1856 (SAMPSON ST. / COLLEGE ST.)	FROM SR 1855 BEGIN MAINTENANCE TO SR 1856 AT US 701- BUS	5	2	2WU	NO	NO	0.87	40		124						11	4	20		
<b>TOTAL FOR MAP NO. 7</b>											<b>0.87</b>			<b>124</b>					<b>11</b>	<b>4</b>	<b>20</b>		
2021CPT.03.07.20821	Sampson	8	SR 1214 (WEST ELIZABETH ST.)	FROM SR 1226 (INDIAN TOWN RD.) TO SR 1231 (LISBON ST.) [MP 14.50 - MP 16.06]	3,5	2	2WU	NO	NO	1.56	20		102	17,600	7,040								
<b>TOTAL FOR MAP NO. 8</b>											<b>1.56</b>			<b>102</b>	<b>17,600</b>	<b>7,040</b>			<b>50</b>				
2021CPT.03.07.20821	Sampson	9	SR 1839 (NORTH WALL ST./ MCKOY ST.)	FROM SYCAMORE ST. TO SR 1214 (ELIZABETH ST.) [MP 1.34 - MP 1.43]	5	2	2WU	NO	NO	0.09	30		9										
<b>TOTAL FOR MAP NO. 9</b>											<b>0.09</b>			<b>9</b>									
2021CPT.03.07.20821	Sampson	10	SR 1231 (LISBON ST. / EAST MAIN ST.)	FROM SR 1214 (WEST ELIZABETH ST.) TO SR 1855 (COLLEGE ST.) [MP 1.23 - MP 1.31]	5	2	2WU	NO	NO	0.08	20		5										
<b>TOTAL FOR MAP NO. 10</b>											<b>0.08</b>			<b>5</b>									
2021CPT.03.07.20821	Sampson	12	SR 1332 (PARKER MEMORIAL RD.)	FROM SR 1006 (HIGH HOUSE RD.) TO SR 1325 (HONEYCUTT RD.) [MP 0.00 - MP 1.92]	6	2	2WU	NO	NO	1.92	20		125						102	300			
<b>TOTAL FOR MAP NO. 12</b>											<b>1.92</b>			<b>125</b>					<b>102</b>	<b>300</b>			
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20821</b>											<b>16.19</b>			<b>1,373</b>	<b>129,084</b>	<b>51,640</b>			<b>468</b>	<b>300</b>	<b>33</b>	<b>9</b>	<b>384</b>

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	21

## 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	1526000000-E	1575000000-E	1775500000-E	1838000000-E	1880000000-E			2591000000-E	2613000000-N	2752000000-E		
												SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	ASPHALT SURFACE TREATMENT, MATCOAT, #67 GRANITE	EMULSION FOR ASPHALT SURFACE TREATMENT	PATCHING EXISTING PAVEMENT (FULL DEPTH)	PATCHING EXISTING PAVEMENT (MILL)	LEVELING COURSE, S4.75A	4" CONCRETE SIDEWALK	REMOVE & REPLACE CURB RAMP	REMOVE & REPLACE 2'-6" CURB & GUTTER		
												MI	FT	TON	TON	SY	GAL	TON	TON	TON	SY	EA	LF
2021CPT.03.07.20822	Sampson	16	SR 1476 (TAYLORS CHAPEL RD.)	FROM US 13 (FAYETTEVILLE HWY.) TO SR 1607 (CHRISTMAS TREE RD.) [MP 1.65 - MP 4.48]	7	2	2WU	NO	NO	2.83	18	1,781	125					15					
<b>TOTAL FOR MAP NO. 16</b>												<b>2.83</b>		<b>1,781</b>	<b>125</b>				<b>15</b>				
2021CPT.03.07.20822	Sampson	17	SR 1617 (OLD US 421)	FROM US 421 (PLAIN VIEW HWY.) TO US 421 (PLAIN VIEW HWY.) [MP 0.00 - MP 0.69]	7	2		NO	NO	0.69	20	459	32					10					
<b>TOTAL FOR MAP NO. 17</b>												<b>0.69</b>		<b>459</b>	<b>32</b>				<b>10</b>				
2021CPT.03.07.20822	Sampson	18	SR 1616 (CORE RD.)	FROM US 421 (PLAIN VIEW HWY.) TO SR 1476 (UNION GROVE CHURCH RD.) [MP 0.00 - MP 1.29]	7	2	2WU	NO	NO	1.29	20	859	60					5					
<b>TOTAL FOR MAP NO. 18</b>												<b>1.29</b>		<b>859</b>	<b>60</b>				<b>5</b>				
2021CPT.03.07.20822	Sampson	19	SR 1622 (JADA ALLEN RD.)	FROM SR 1005 (GREEN PATH RD.) TO HARNETT COUNTY LINE [MP 0.00 - MP 1.19]	7	2	2WU	NO	NO	1.19	18	713	50						60				
<b>TOTAL FOR MAP NO. 19</b>												<b>1.19</b>		<b>713</b>	<b>50</b>				<b>60</b>				
2021CPT.03.07.20822	Sampson	21	SR 1958 (GLENN RD.)	FROM SR 1227 (TRAM RD.) TO DEAD END [MP 0.00 - MP 0.21]	7	2	2WU	NO	NO	0.21	20	140	10										
<b>TOTAL FOR MAP NO. 21</b>												<b>0.21</b>		<b>140</b>	<b>10</b>								
2021CPT.03.07.20822	Sampson	33	SR 1612 (ALDERMAN MILL RD.)	FROM SR 1607 (CHRISTMAS TREE RD.) TO SR 1002 (N. SPRING BRANCH RD.) [MP 0.00 - MP 2.86]	7	2	2WU	NO	NO	2.86	18	1,714	120						45				
<b>TOTAL FOR MAP NO. 33</b>												<b>2.86</b>		<b>1,714</b>	<b>120</b>				<b>45</b>				
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20822</b>												<b>9.07</b>		<b>5,666</b>	<b>397</b>				<b>15</b>	<b>120</b>			
36248.97	Sampson	35	(VANCE ST.)	FROM SR 1855 (SAMPSON ST.) TO SR 1839 (MCKOY ST.)	5	2		NO	NO	0.1	24		11										
<b>TOTAL FOR MAP NO. 35</b>												<b>0.1</b>			<b>11</b>								
36248.97	Sampson	36	(EAST MAIN ST.)	FROM SR 1839 (MCKOY ST. /NORTH WALL ST.) TO SR 1231 (LISBON ST.)	5	2		NO	NO	0.1	24		15										
<b>TOTAL FOR MAP NO. 36</b>												<b>0.1</b>			<b>15</b>								
<b>TOTAL FOR PROJ NO. 36248.97</b>												<b>0.2</b>			<b>26</b>								
<b>GRAND TOTAL</b>										<b>29.25</b>		<b>8,122</b>	<b>2,297</b>	<b>129,084</b>	<b>51,640</b>	<b>85</b>	<b>588</b>	<b>300</b>	<b>33</b>	<b>9</b>	<b>384</b>		

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	22

# 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	2830000000-N	2845000000-N	3287000000-N	3420000000-E	3435000000-N	6000000000-E	6009000000-E	6012000000-E	6015000000-E	6018000000-E		
										MI	FT	EA	EA	EA	LF	EA	LF	TON	TON	ACR	LBS		
2021CPT.03.07.10821	Sampson	1	NC 50 (MT. OLIVE HWY.)	FROM WAYNE COUNTY LINE (MT. OLIVE HWY.) TO SR 1707 (CORBETT RD.) [MP 8.47 - MP 12.26]	1	2	2WU	NO	NO	3.79	26				8	620.0	12	800	20	20		189	
<b>TOTAL FOR MAP NO. 1</b>										<b>3.79</b>				<b>8</b>	<b>620.0</b>	<b>12</b>	<b>800</b>	<b>20</b>	<b>20</b>		<b>189</b>		
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.10821</b>										<b>3.79</b>				<b>8</b>	<b>620.0</b>	<b>12</b>	<b>800</b>	<b>20</b>	<b>20</b>		<b>189</b>		
2021CPT.03.07.20821	Sampson	2	SR 1222 (BEULAH RD. / WEST MAIN ST.)	FROM US 701 TO 0.10 MILES SOUTH OF SR 1229 (OVERLAND RD.) [MP 0.00 - MP 4.48]	2,3	2	2WU	NO	NO	4.48	20-22						448	112	112	4.48			
<b>TOTAL FOR MAP NO. 2</b>										<b>4.48</b>							<b>448</b>	<b>112</b>	<b>112</b>	<b>4.48</b>			
2021CPT.03.07.20821	Sampson	4	SR 1927 (CORNWALLIS RD.)	FROM DUPLIN COUNTY LINE TO DUPLIN COUNTY LINE (0.24 MILES SOUTHEAST OF SR 1108 CARROLLS RD.) [MP 0.00 - MP 5.93]	3,4	2	2WU	NO	NO	5.93	18												
<b>TOTAL FOR MAP NO. 4</b>										<b>5.93</b>													
2021CPT.03.07.20821	Sampson	5	SR 1838 (BEAMAN ST.)	FROM SR 1855 (COLLEGE ST.) TO SR 1356 (NORTH BLVD.) [MP 0.00 - MP 1.17]	5	2	2WU	NO	NO	1.17	37	12	9										
<b>TOTAL FOR MAP NO. 5</b>										<b>1.17</b>		<b>12</b>	<b>9</b>										
2021CPT.03.07.20821	Sampson	6	SR 1749 (DIXON ST.)	FROM SR 1356 (NORTH BLVD.) TO US 701 BUS. (NORTHEAST BLVD.) [MP 0.00 - MP 0.11]	5	2	2WU	NO	NO	0.09	48												
<b>TOTAL FOR MAP NO. 6</b>										<b>0.09</b>													
2021CPT.03.07.20821	Sampson	7	SR 1855 / SR 1856 (SAMPSON ST. / COLLEGE ST.)	FROM SR 1855 BEGIN MAINTENANCE TO SR 1856 AT US 701- BUS	5	2	2WU	NO	NO	0.87	40	26	16										
<b>TOTAL FOR MAP NO. 7</b>										<b>0.87</b>		<b>26</b>	<b>16</b>										
2021CPT.03.07.20821	Sampson	8	SR 1214 (WEST ELIZABETH ST.)	FROM SR 1226 (INDIAN TOWN RD.) TO SR 1231 (LISBON ST.) [MP 14.50 - MP 16.06]	3,5	2	2WU	NO	NO	1.56	20	13	5				133	33	33	1.33	67		
<b>TOTAL FOR MAP NO. 8</b>										<b>1.56</b>		<b>13</b>	<b>5</b>				<b>133</b>	<b>33</b>	<b>33</b>	<b>1.33</b>	<b>67</b>		
2021CPT.03.07.20821	Sampson	9	SR 1839 (NORTH WALL ST./ MCKOY ST.)	FROM SYCAMORE ST. TO SR 1214 (ELIZABETH ST.) [MP 1.34 - MP 1.43]	5	2	2WU	NO	NO	0.09	30	11	1										
<b>TOTAL FOR MAP NO. 9</b>										<b>0.09</b>		<b>11</b>	<b>1</b>										
2021CPT.03.07.20821	Sampson	10	SR 1231 (LISBON ST. / EAST MAIN ST.)	FROM SR 1214 (WEST ELIZABETH ST.) TO SR 1855 (COLLEGE ST.) [MP 1.23 - MP 1.31]	5	2	2WU	NO	NO	0.08	20	6	4										
<b>TOTAL FOR MAP NO. 10</b>										<b>0.08</b>		<b>6</b>	<b>4</b>										
2021CPT.03.07.20821	Sampson	12	SR 1332 (PARKER MEMORIAL RD.)	FROM SR 1006 (HIGH HOUSE RD.) TO SR 1325 (HONEYCUTT RD.) [MP 0.00 - MP 1.92]	6	2	2WU	NO	NO	1.92	20							77					
<b>TOTAL FOR MAP NO. 12</b>										<b>1.92</b>								<b>77</b>					
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20821</b>										<b>16.19</b>		<b>68</b>	<b>35</b>				<b>895</b>	<b>145</b>	<b>145</b>	<b>5.81</b>	<b>67</b>		

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	23

**SUMMARY OF QUANTITIES**

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH		ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	GUARDRAIL END UNITS, TYPE TL-3	REMOVE & REPLACE EXISTING GUARDRAIL	GUARDRAIL PRE-FAB ANCHOR POST	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING		
										MI	FT											EA	EA
2021CPT.03.07.20822	Sampson	16	SR 1476 (TAYLORS CHAPEL RD.)	FROM US 13 (FAYETTEVILLE HWY.) TO SR 1607 (CHRISTMAS TREE RD.) [MP 1.65 - MP 4.48]	7	2	2WU	NO	NO	2.83	18												
<b>TOTAL FOR MAP NO. 16</b>																							
2021CPT.03.07.20822	Sampson	17	SR 1617 (OLD US 421)	FROM US 421 (PLAIN VIEW HWY.) TO US 421 (PLAIN VIEW HWY.) [MP 0.00 - MP 0.69]	7	2		NO	NO	0.69	20												
<b>TOTAL FOR MAP NO. 17</b>																							
2021CPT.03.07.20822	Sampson	18	SR 1616 (CORE RD.)	FROM US 421 (PLAIN VIEW HWY.) TO SR 1476 (UNION GROVE CHURCH RD.) [MP 0.00 - MP 1.29]	7	2	2WU	NO	NO	1.29	20												
<b>TOTAL FOR MAP NO. 18</b>																							
2021CPT.03.07.20822	Sampson	19	SR 1622 (JADA ALLEN RD.)	FROM SR 1005 (GREEN PATH RD.) TO HARNETT COUNTY LINE [MP 0.00 - MP 1.19]	7	2	2WU	NO	NO	1.19	18												
<b>TOTAL FOR MAP NO. 19</b>																							
2021CPT.03.07.20822	Sampson	21	SR 1958 (GLENN RD.)	FROM SR 1227 (TRAM RD.) TO DEAD END [MP 0.00 - MP 0.21]	7	2	2WU	NO	NO	0.21	20												
<b>TOTAL FOR MAP NO. 21</b>																							
2021CPT.03.07.20822	Sampson	33	SR 1612 (ALDERMAN MILL RD.)	FROM SR 1607 (CHRISTMAS TREE RD.) TO SR 1002 (N. SPRING BRANCH RD.) [MP 0.00 - MP 2.86]	7	2	2WU	NO	NO	2.86	18												
<b>TOTAL FOR MAP NO. 33</b>																							
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20822</b>																							
36248.97	Sampson	35	(VANCE ST.)	FROM SR 1855 (SAMPSON ST.) TO SR 1839 (MCKOY ST.)	5	2		NO	NO	0.1	24	3	2										
<b>TOTAL FOR MAP NO. 35</b>																							
36248.97	Sampson	36	(EAST MAIN ST.)	FROM SR 1839 (MCKOY ST. /NORTH WALL ST.) TO SR 1231 (LISBON ST.)	5	2		NO	NO	0.1	24	1	1										
<b>TOTAL FOR MAP NO. 36</b>																							
<b>TOTAL FOR PROJ NO. 36248.97</b>																							
<b>GRAND TOTAL</b>																							
											29.25		72	38	8	620.0	12	1,695	165	165	5.81	256	

PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	24

## 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	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E	
										MI	FT	FERTILIZER FOR TEMPORARY SEEDING	MATting FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT	
											TON	SY	LF	LF	AC	LB	TON	EA	LF		
2021CPT.03.07.10821	Sampson	1	NC 50 (MT. OLIVE HWY.)	FROM WAYNE COUNTY LINE (MT. OLIVE HWY.) TO SR 1707 (CORBETT RD.) [MP 8.47 - MP 12.26]	1	2	2WU	NO	NO	3.79	26	0.95	300	189	120	7.35	189	0.95	3		
<b>TOTAL FOR MAP NO. 1</b>											<b>3.79</b>		<b>0.95</b>	<b>300</b>	<b>189</b>	<b>120</b>	<b>7.35</b>	<b>189</b>	<b>0.95</b>	<b>3</b>	
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.10821</b>											<b>3.79</b>		<b>0.95</b>	<b>300</b>	<b>189</b>	<b>120</b>	<b>7.35</b>	<b>189</b>	<b>0.95</b>	<b>3</b>	
2021CPT.03.07.20821	Sampson	2	SR 1222 (BEULAH RD. / WEST MAIN ST.)	FROM US 701 TO 0.10 MILES SOUTH OF SR 1229 (OVERLAND RD.) [MP 0.00 - MP 4.48]	2,3	2	2WU	NO	NO	4.48	20-22	1.12	30	224	100	4.34	224	1.12	2		
<b>TOTAL FOR MAP NO. 2</b>											<b>4.48</b>		<b>1.12</b>	<b>30</b>	<b>224</b>	<b>100</b>	<b>4.34</b>	<b>224</b>	<b>1.12</b>	<b>2</b>	
2021CPT.03.07.20821	Sampson	4	SR 1927 (CORNWALLIS RD.)	FROM DUPLIN COUNTY LINE TO DUPLIN COUNTY LINE (0.24 MILES SOUTHEAST OF SR 1108 CARROLLS RD.) [MP 0.00 - MP 5.93]	3,4	2	2WU	NO	NO	5.93	18					4.31			2		
<b>TOTAL FOR MAP NO. 4</b>											<b>5.93</b>						<b>4.31</b>			<b>2</b>	
2021CPT.03.07.20821	Sampson	5	SR 1838 (BEAMAN ST.)	FROM SR 1855 (COLLEGE ST.) TO SR 1356 (NORTH BLVD.) [MP 0.00 - MP 1.17]	5	2	2WU	NO	NO	1.17	37									575.00	
<b>TOTAL FOR MAP NO. 5</b>											<b>1.17</b>										<b>575.00</b>
2021CPT.03.07.20821	Sampson	6	SR 1749 (DIXON ST.)	FROM SR 1356 (NORTH BLVD.) TO US 701 BUS. (NORTHEAST BLVD.) [MP 0.00 - MP 0.11]	5	2	2WU	NO	NO	0.09	48										
<b>TOTAL FOR MAP NO. 6</b>											<b>0.09</b>										
2021CPT.03.07.20821	Sampson	7	SR 1855 / SR 1856 (SAMPSON ST. / COLLEGE ST.)	FROM SR 1855 BEGIN MAINTENANCE TO SR 1856 AT US 701- BUS	5	2	2WU	NO	NO	0.87	40									1,894.00	
<b>TOTAL FOR MAP NO. 7</b>											<b>0.87</b>										<b>1,894.00</b>
2021CPT.03.07.20821	Sampson	8	SR 1214 (WEST ELIZABETH ST.)	FROM SR 1226 (INDIAN TOWN RD.) TO SR 1231 (LISBON ST.) [MP 14.50 - MP 16.06]	3,5	2	2WU	NO	NO	1.56	20	0.33	10	67	20	1.29	67	0.33			
<b>TOTAL FOR MAP NO. 8</b>											<b>1.56</b>		<b>0.33</b>	<b>10</b>	<b>67</b>	<b>20</b>	<b>1.29</b>	<b>67</b>	<b>0.33</b>		
2021CPT.03.07.20821	Sampson	9	SR 1839 (NORTH WALL ST. / MCKOY ST.)	FROM SYCAMORE ST. TO SR 1214 (ELIZABETH ST.) [MP 1.34 - MP 1.43]	5	2	2WU	NO	NO	0.09	30										
<b>TOTAL FOR MAP NO. 9</b>											<b>0.09</b>										
2021CPT.03.07.20821	Sampson	10	SR 1231 (LISBON ST. / EAST MAIN ST.)	FROM SR 1214 (WEST ELIZABETH ST.) TO SR 1855 (COLLEGE ST.) [MP 1.23 - MP 1.31]	5	2	2WU	NO	NO	0.08	20										
<b>TOTAL FOR MAP NO. 10</b>											<b>0.08</b>										
2021CPT.03.07.20821	Sampson	12	SR 1332 (PARKER MEMORIAL RD.)	FROM SR 1006 (HIGH HOUSE RD.) TO SR 1325 (HONEYCUTT RD.) [MP 0.00 - MP 1.92]	6	2	2WU	NO	NO	1.92	20					1.39			2		
<b>TOTAL FOR MAP NO. 12</b>											<b>1.92</b>						<b>1.39</b>			<b>2</b>	
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20821</b>											<b>16.19</b>		<b>1.45</b>	<b>40</b>	<b>291</b>	<b>120</b>	<b>11.33</b>	<b>291</b>	<b>1.45</b>	<b>6</b>	<b>2,469.00</b>



PROJECT NO.	SHEET NO.
2021CPT.03.07.10821, ETC.	25

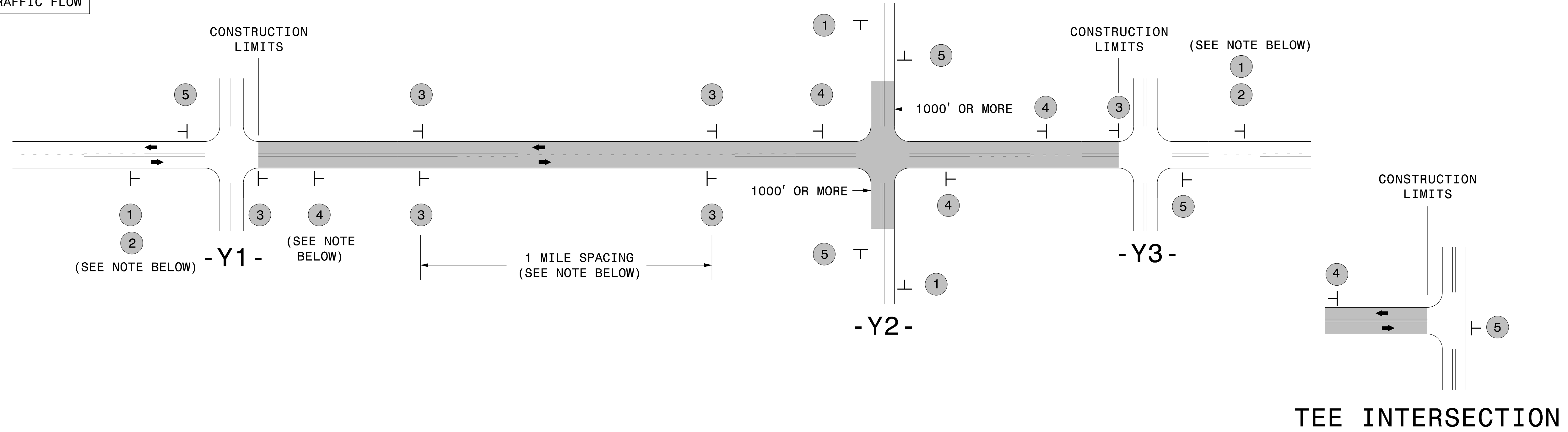
## SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E	
												FERTILIZER FOR TEMPORARY SEEDING	MATTING FOR EROSION CONTROL	1/4" HARDWARE CLOTH	WATTLE	SEED & MULCHING	SEED FOR REPAIR SEEDING	FERTILIZER FOR REPAIR SEEDING	RESPONSE FOR EROSION CONTROL	INDUCTIVE LOOP SAWCUT	
											MI	FT	TON	SY	LF	LF	AC	LB	TON	EA	LF
2021CPT.03.07.20822	Sampson	16	SR 1476 (TAYLORS CHAPEL RD.)	FROM US 13 (FAYETTEVILLE HWY.) TO SR 1607 (CHRISTMAS TREE RD.) [MP 1.65 - MP 4.48]	7	2	2WU	NO	NO	2.83	18										
<b>TOTAL FOR MAP NO. 16</b>											<b>2.83</b>										
2021CPT.03.07.20822	Sampson	17	SR 1617 (OLD US 421)	FROM US 421 (PLAIN VIEW HWY.) TO US 421 (PLAIN VIEW HWY.) [MP 0.00 - MP 0.69]	7	2		NO	NO	0.69	20										
<b>TOTAL FOR MAP NO. 17</b>											<b>0.69</b>										
2021CPT.03.07.20822	Sampson	18	SR 1616 (CORE RD.)	FROM US 421 (PLAIN VIEW HWY.) TO SR 1476 (UNION GROVE CHURCH RD.) [MP 0.00 - MP 1.29]	7	2	2WU	NO	NO	1.29	20										
<b>TOTAL FOR MAP NO. 18</b>											<b>1.29</b>										
2021CPT.03.07.20822	Sampson	19	SR 1622 (JADA ALLEN RD.)	FROM SR 1005 (GREEN PATH RD.) TO HARNETT COUNTY LINE [MP 0.00 - MP 1.19]	7	2	2WU	NO	NO	1.19	18										
<b>TOTAL FOR MAP NO. 19</b>											<b>1.19</b>										
2021CPT.03.07.20822	Sampson	21	SR 1958 (GLENN RD.)	FROM SR 1227 (TRAM RD.) TO DEAD END [MP 0.00 - MP 0.21]	7	2	2WU	NO	NO	0.21	20										
<b>TOTAL FOR MAP NO. 21</b>											<b>0.21</b>										
2021CPT.03.07.20822	Sampson	33	SR 1612 (ALDERMAN MILL RD.)	FROM SR 1607 (CHRISTMAS TREE RD.) TO SR 1002 (N. SPRING BRANCH RD.) [MP 0.00 - MP 2.86]	7	2	2WU	NO	NO	2.86	18										
<b>TOTAL FOR MAP NO. 33</b>											<b>2.86</b>										
<b>TOTAL FOR PROJ NO. 2021CPT.03.07.20822</b>											<b>9.07</b>										
36248.97	Sampson	35	(VANCE ST.)	FROM SR 1855 (SAMPSON ST.) TO SR 1839 (MCKOY ST.)	5	2		NO	NO	0.1	24										
<b>TOTAL FOR MAP NO. 35</b>											<b>0.1</b>										
36248.97	Sampson	36	(EAST MAIN ST.)	FROM SR 1839 (MCKOY ST. /NORTH WALL ST.) TO SR 1231 (LISBON ST.)	5	2		NO	NO	0.1	24										
<b>TOTAL FOR MAP NO. 36</b>											<b>0.1</b>										
<b>TOTAL FOR PROJ NO. 36248.97</b>											<b>0.2</b>										
<b>GRAND TOTAL</b>											<b>29.25</b>		<b>2.40</b>	<b>340</b>	<b>480</b>	<b>240</b>	<b>18.68</b>	<b>480</b>	<b>2.40</b>	<b>9</b>	<b>2,469.00</b>



# SIGNING FOR RESURFACING PROJECTS

**LEGEND**  
 ┆ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



## MAINLINE (-L-) SIGNING

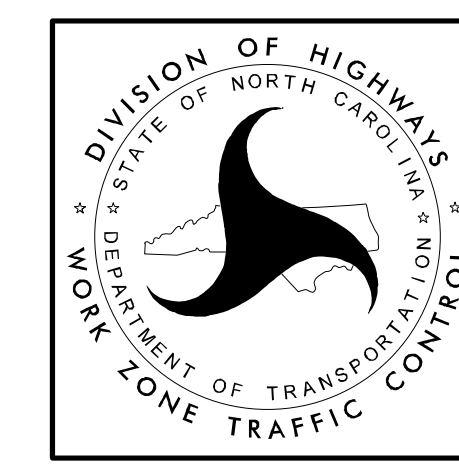
## -Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1		PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>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.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">             W20-1 48" X 48"            PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div style="text-align: center;">             W20-7 A 48" X 48"            PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div>
	2		#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		- 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		- 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		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.

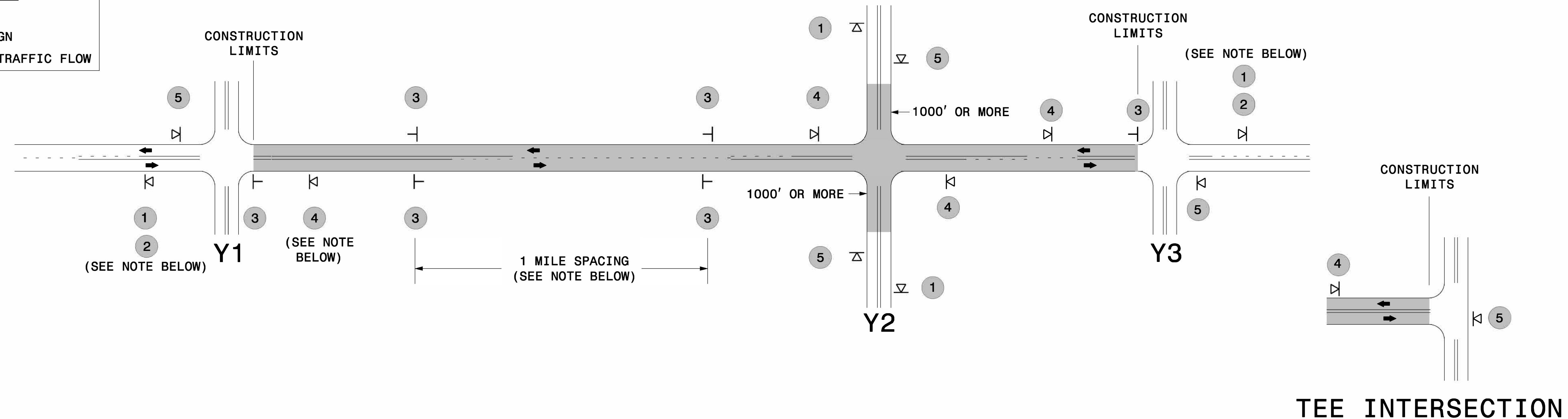


ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN 2-LANE ROADWAY RESURFACING

## SIGNING FOR ASPHALT SURFACE TREATMENT

**LEGEND**

⏏ PORTABLE SIGN  
 ┃ STATIONARY SIGN  
 ← DIRECTION OF TRAFFIC FLOW



### MAINLINE (-L-) SIGNING

### -Y- LINE SIGNING

<b>SIGNING NOTES AND PLACEMENT PER DIRECTION</b>	1	 	<ul style="list-style-type: none"> <li>- PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</li> <li>- SIGN #2 ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO THE NEAREST WHOLE NUMBER. DO NOT USE FRACTIONAL OR DECIMAL NUMBERS.</li> </ul>	<p><b>STATIONARY SIGNING NOT REQUIRED FOR THE FOLLOWING -Y- LINE CONDITIONS:</b></p> <ol style="list-style-type: none"> <li>1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE</li> <li>2) SUBDIVISION ROADS</li> <li>3) DEAD END ROADS</li> </ol> <p>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.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">   <small>W20-1 48" X 48"</small>            PLACED 500' IN ADVANCE OF FLAGGER.         </div> <div style="text-align: center;">   <small>W20-7 A 48" X 48"</small>            PLACED 250' IN ADVANCE OF FLAGGER.         </div> </div>
	2			
	3	 	<ul style="list-style-type: none"> <li>- ALTERNATE THE FOLLOWING TWO SIGNS:</li> <li>- STARTING WITH "LOOSE GRAVEL" (W8-7) FOLLOWED BY "UNMARKED PAVEMENT".</li> <li>- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER.</li> <li>- AT TEE INTERSECTIONS INSTALL INITIALLY 0.5 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.</li> </ul>	
	4		<ul style="list-style-type: none"> <li>- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.</li> <li>- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.</li> <li>- 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.</li> <li>- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</li> </ul>	
	5		<ul style="list-style-type: none"> <li>- PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.</li> </ul>	

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 AST RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, USE A STATIONARY "LOOSE GRAVEL" SIGN AT THE BEGINNING CONSTRUCTION LIMIT FOLLOWED BY AN "UNMARKED PAVEMENT" SIGN MIDWAY THROUGH AND AN "END ROAD WORK" SIGN AT THE END CONSTRUCTION LIMIT.

**ADVANCE WARNING SIGNS  
FOR  
2-LANE ROADWAY  
ASPHALT SURFACE TREATMENT**

5/12/2017 S:\TMD\WZTC\Resurfacing\2L2W & AST Resurfacing Details\Resurfacing\_AdvWarn\_2Ln - AST.dgn User:tkddis

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

---



---

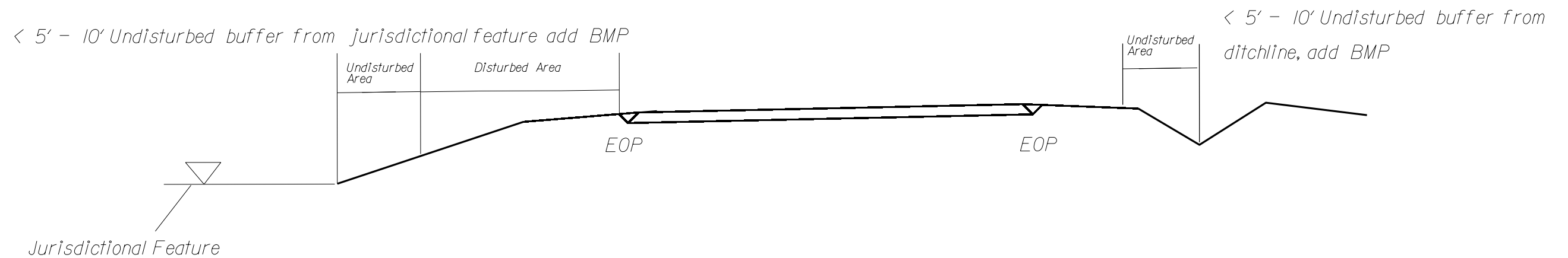
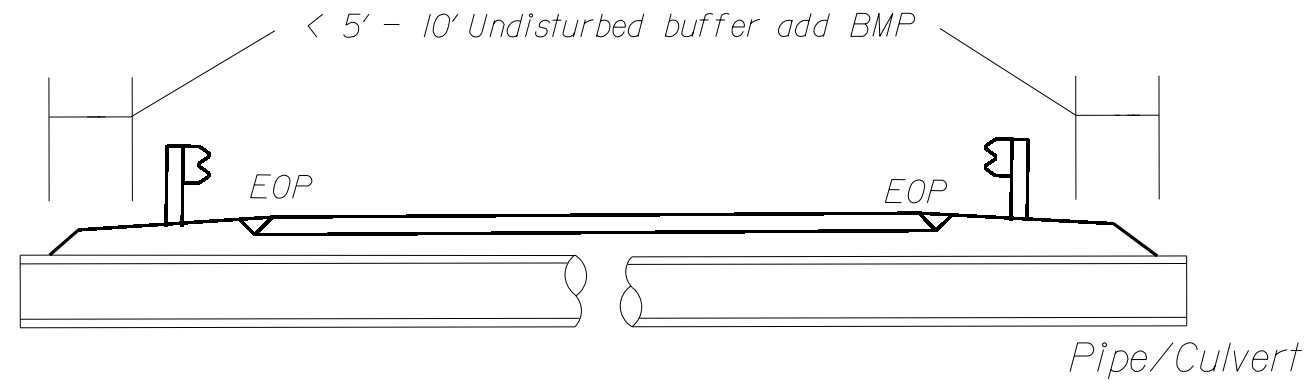
## ***SOIL STABILIZATION TIMEFRAMES***

<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.

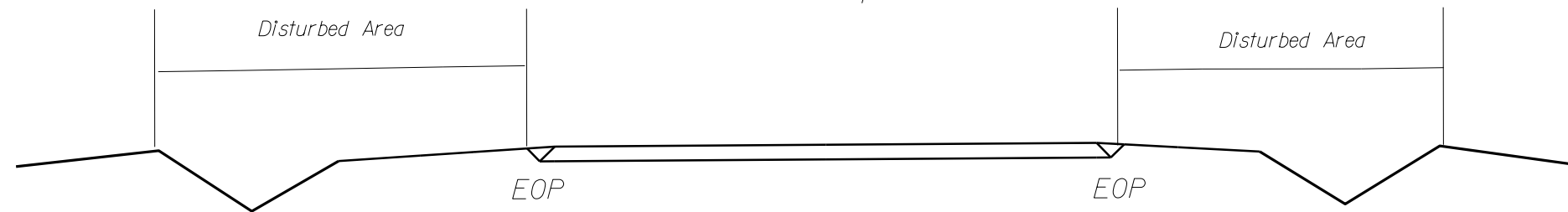
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

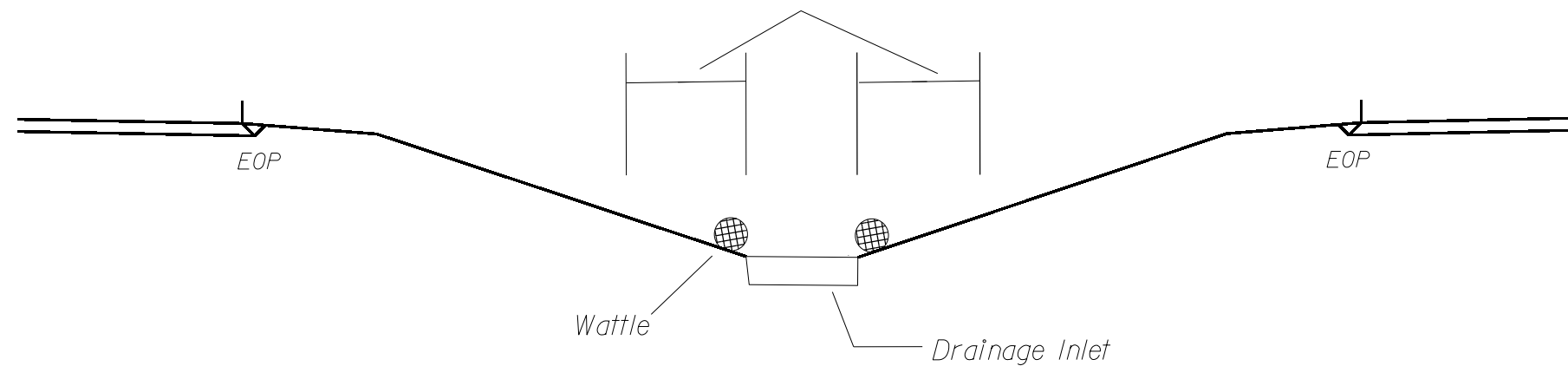
# EROSION CONTROL DETAIL



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

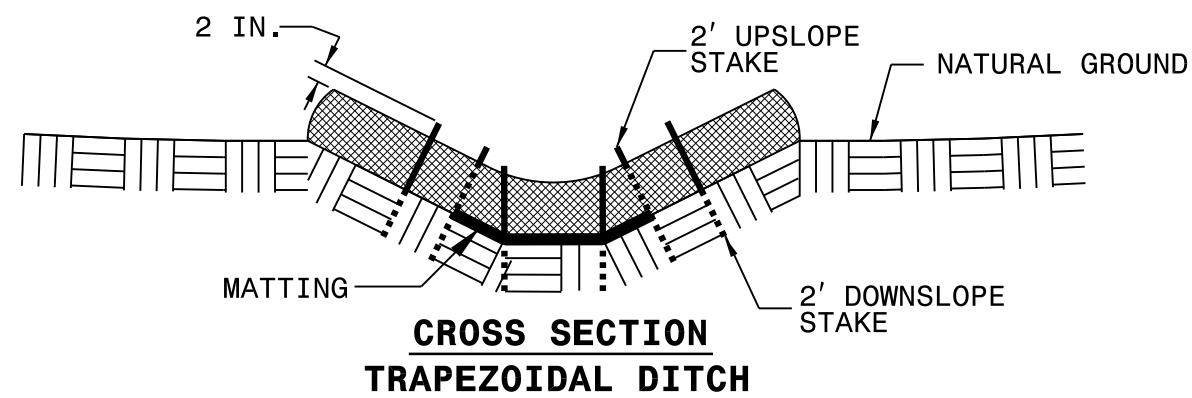
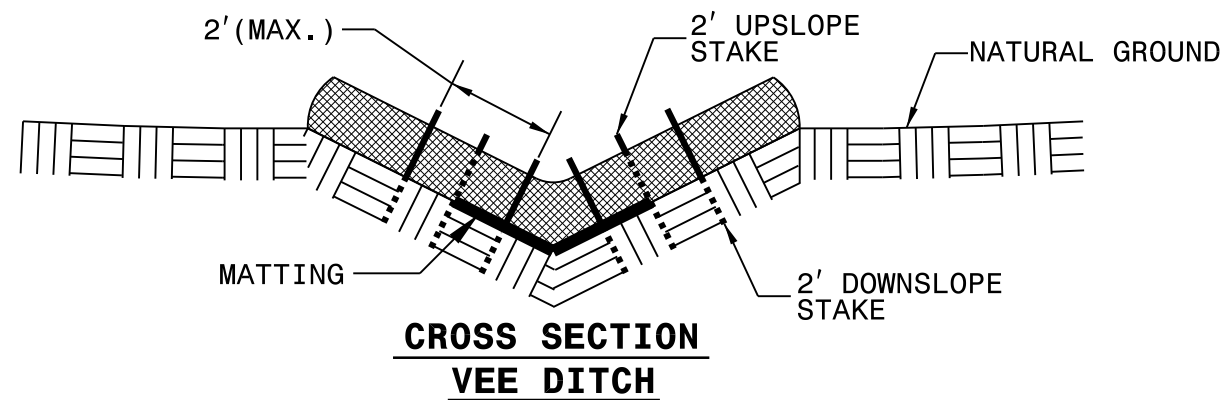
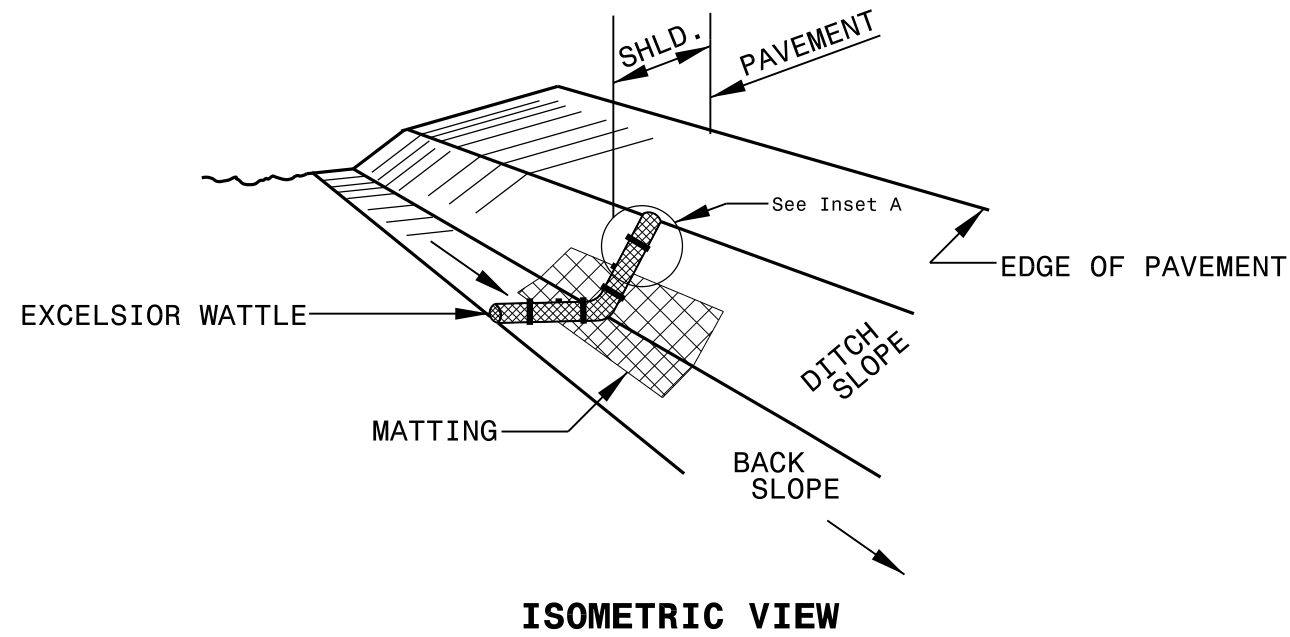


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

