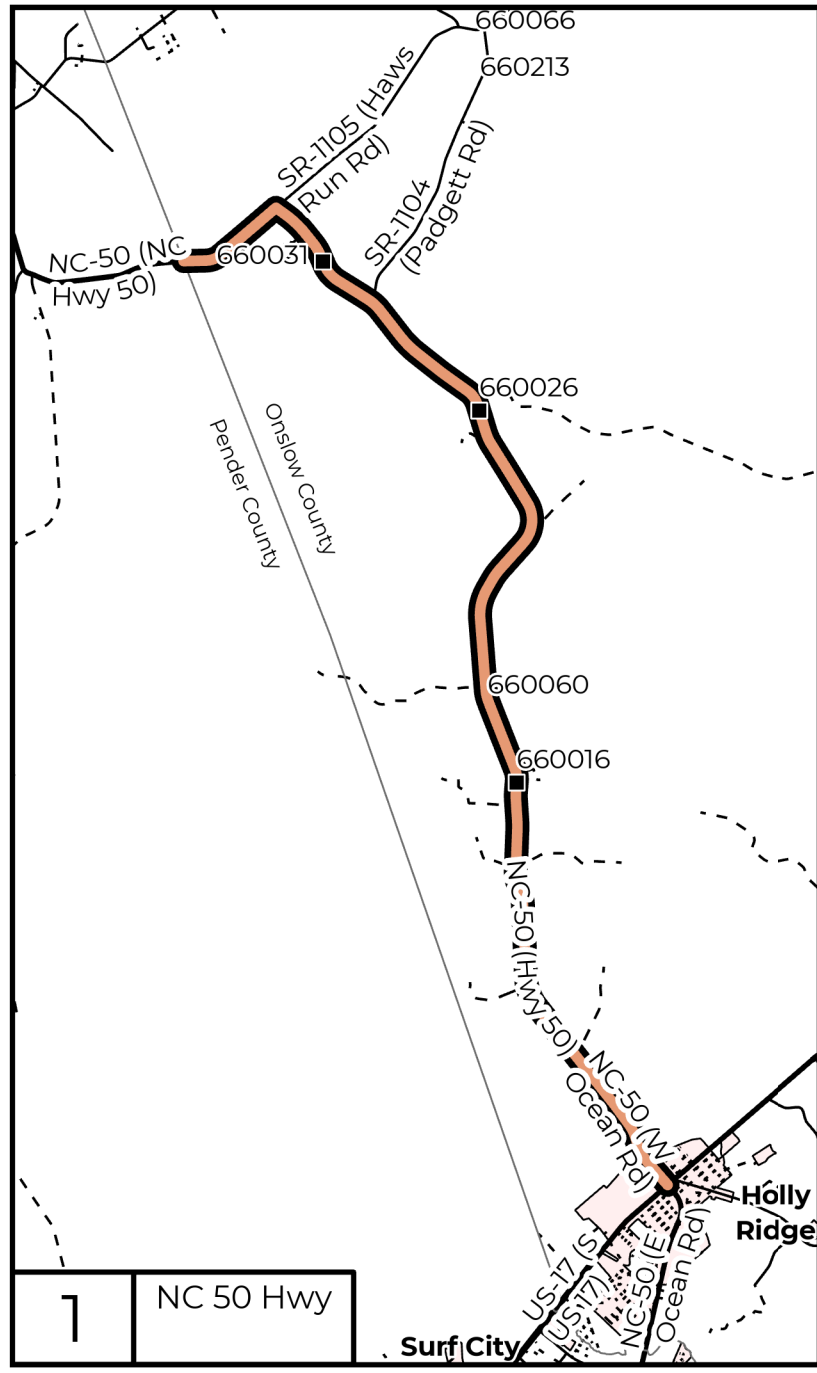
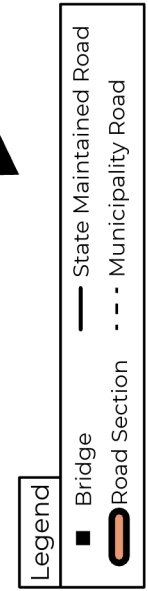
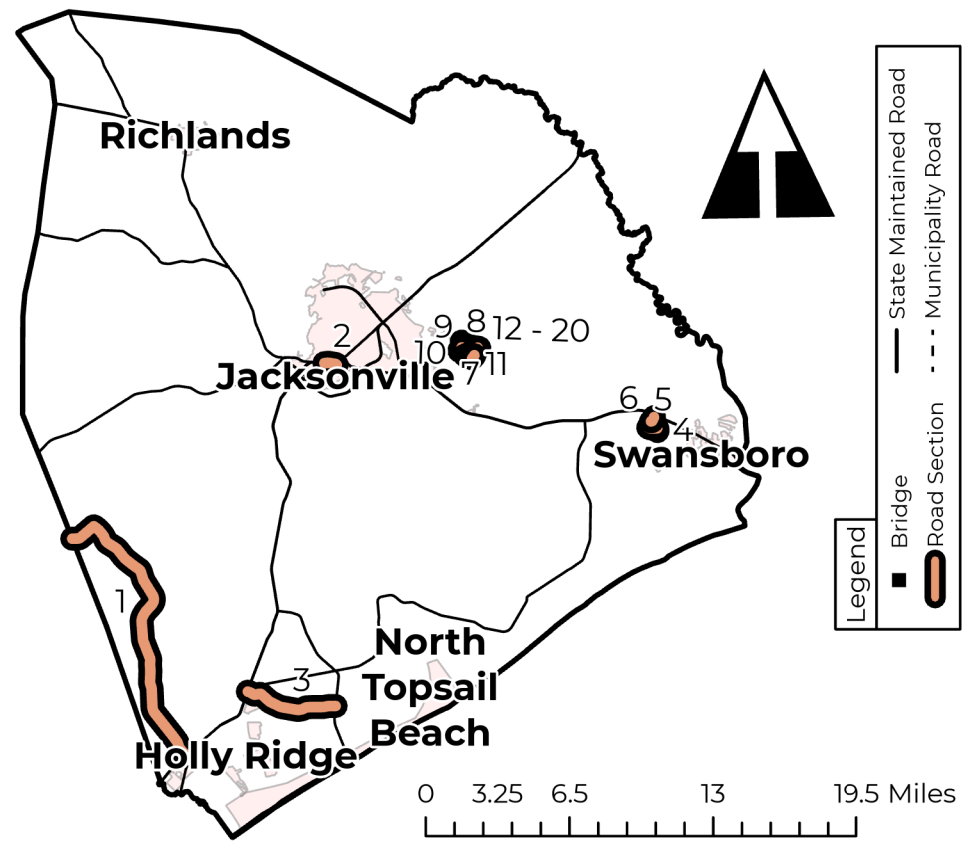
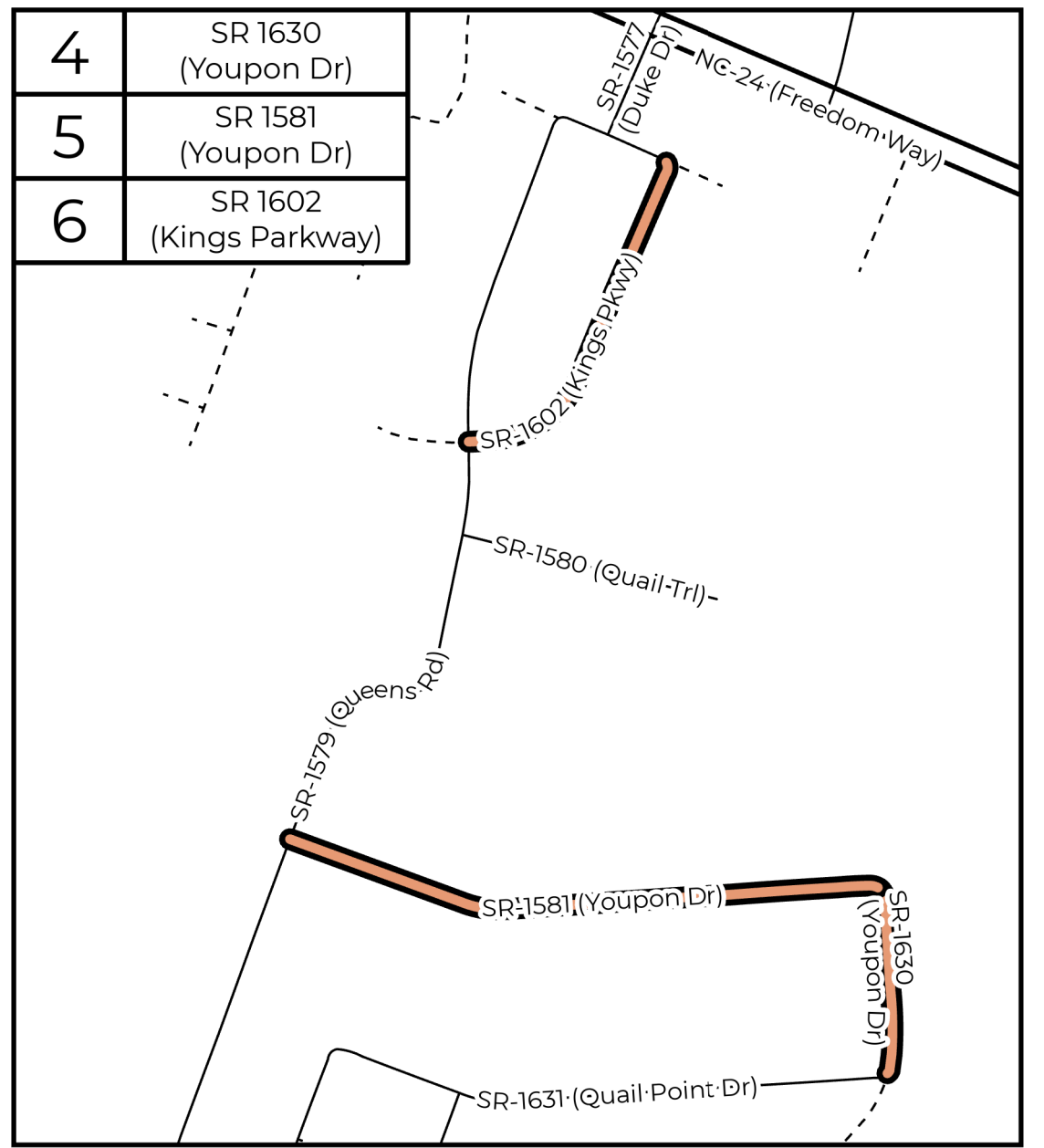


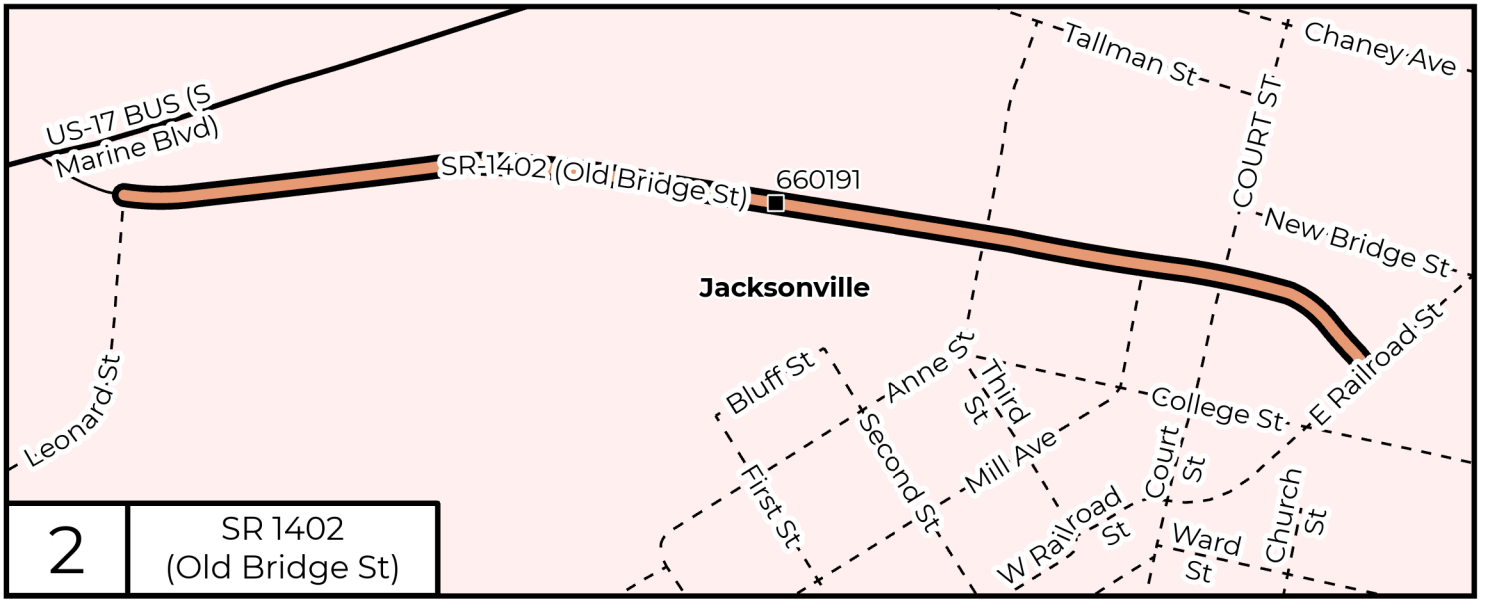
Onslow County 1 - 6



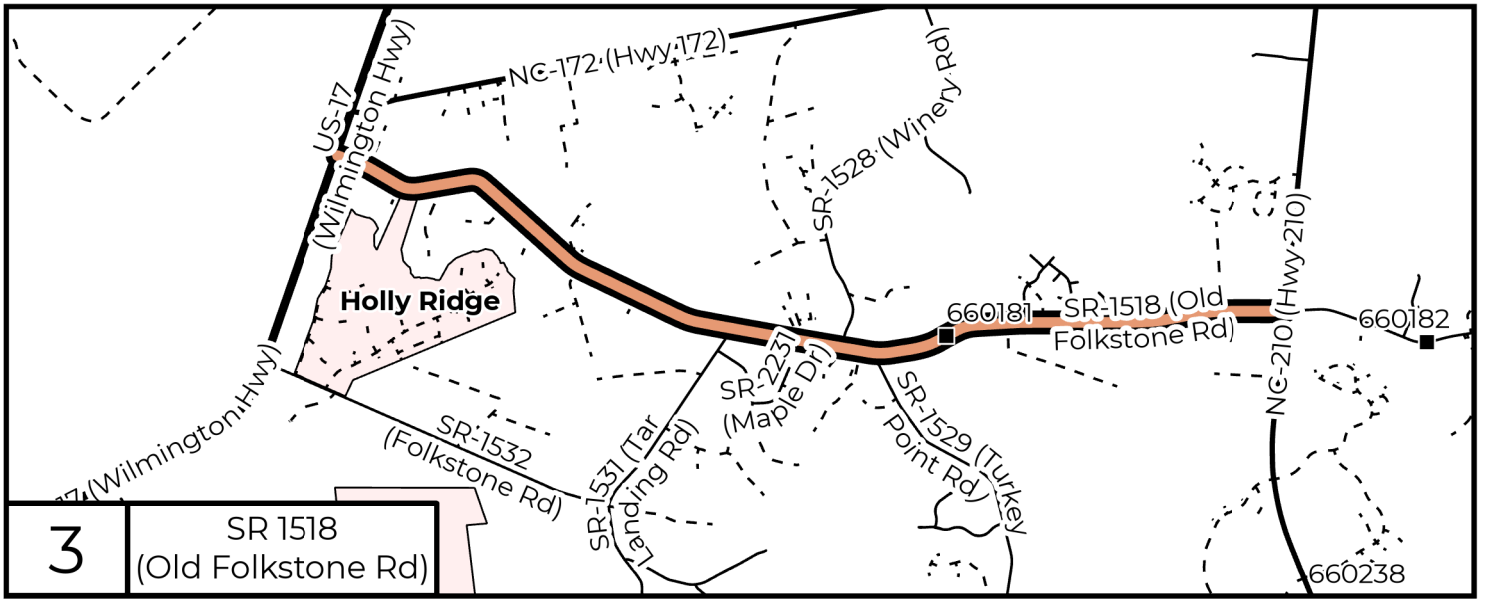
1	NC 50 Hwy
---	-----------



4	SR 1630 (Youpon Dr)
5	SR 1581 (Youpon Dr)
6	SR 1602 (Kings Parkway)

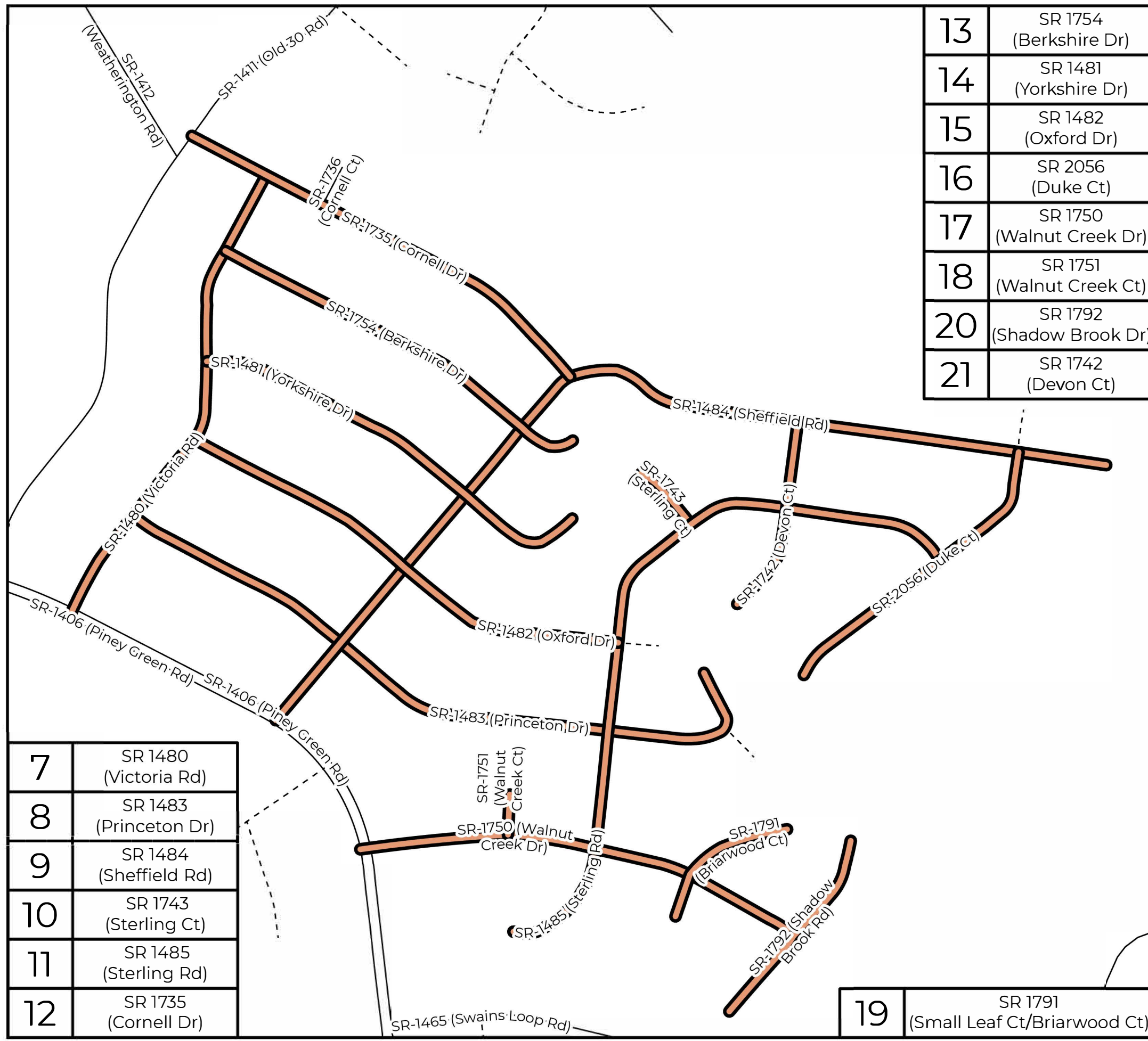
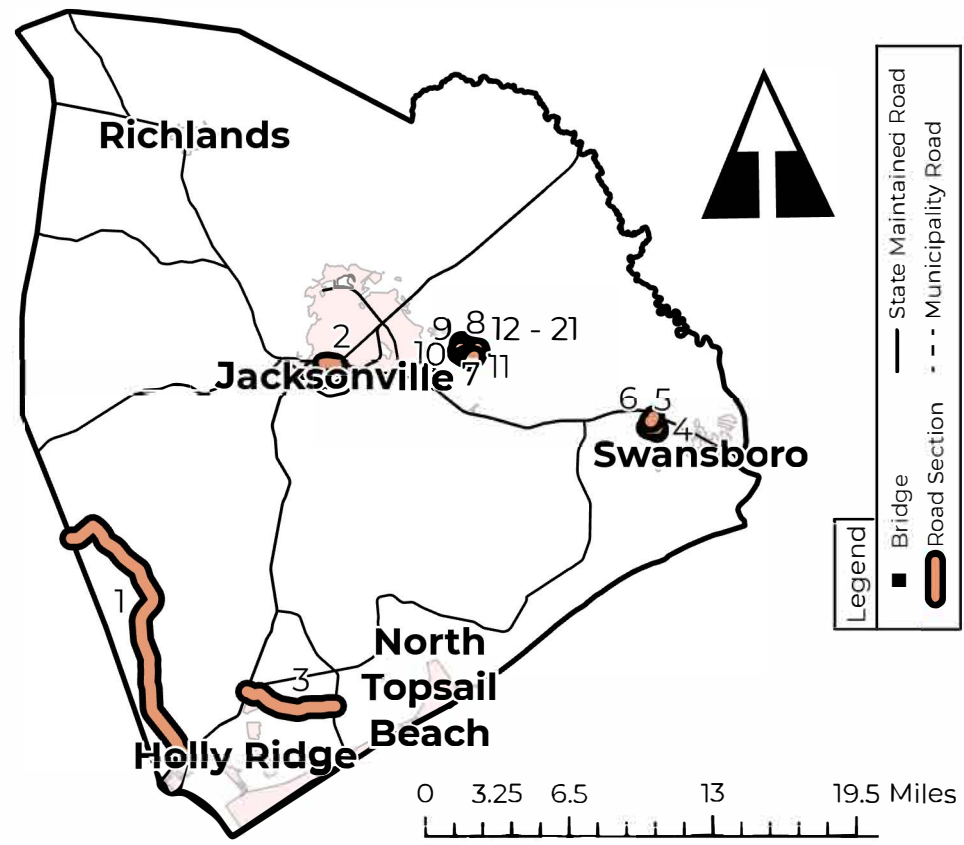


2	SR 1402 (Old Bridge St)
---	----------------------------



3	SR 1518 (Old Folkstone Rd)
---	-------------------------------

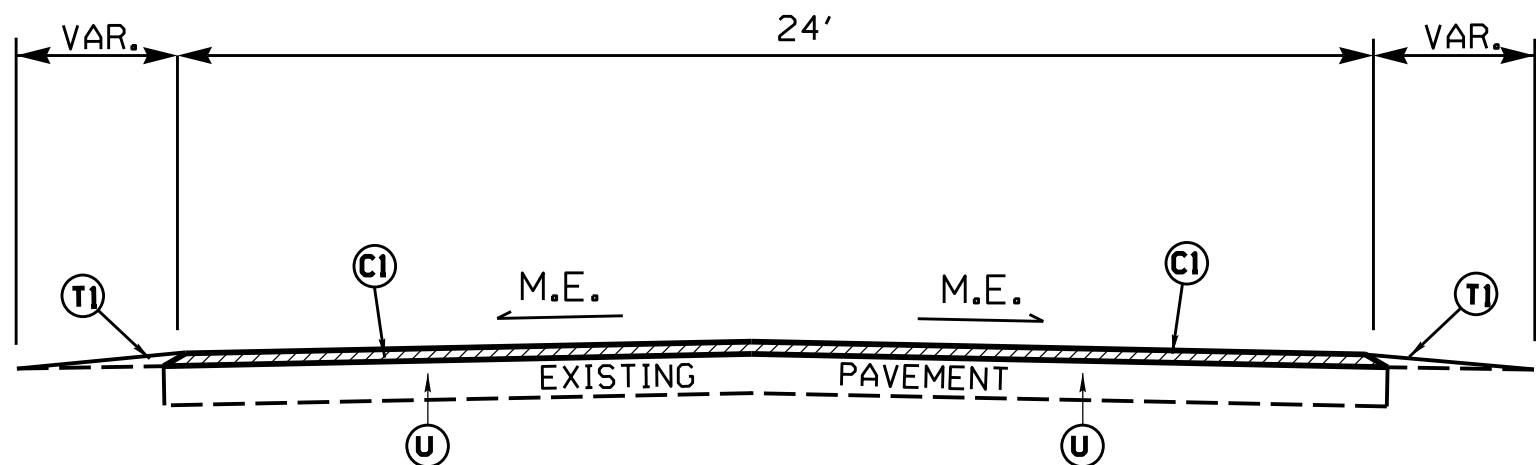
Onslow County 7 - 21



7	SR 1480 (Victoria Rd)
8	SR 1483 (Princeton Dr)
9	SR 1484 (Sheffield Rd)
10	SR 1743 (Sterling Ct)
11	SR 1485 (Sterling Rd)
12	SR 1735 (Cornell Dr)

13	SR 1754 (Berkshire Dr)
14	SR 1481 (Yorkshire Dr)
15	SR 1482 (Oxford Dr)
16	SR 2056 (Duke Ct)
17	SR 1750 (Walnut Creek Dr)
18	SR 1751 (Walnut Creek Ct)
20	SR 1792 (Shadow Brook Dr)
21	SR 1742 (Devon Ct)

19	SR 1791 (Small Leaf Ct/Briarwood Ct)
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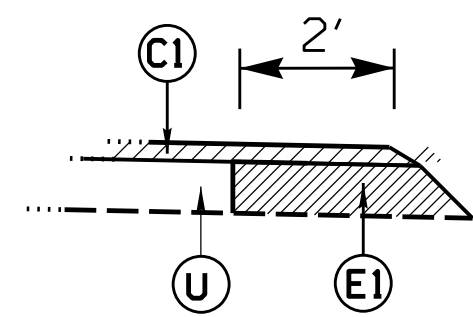


TYPICAL SECTION NO. 1

MAP NO. 1
 NC 50 HWY.
 MP 1.90 - MP 13.18
 MP 13.36 - MP 15.21

*NO WORK ON BRIDGE NO. 031
 MP 13.18 - MP 13.36

*ALSO SEE TYPICAL NO. 3



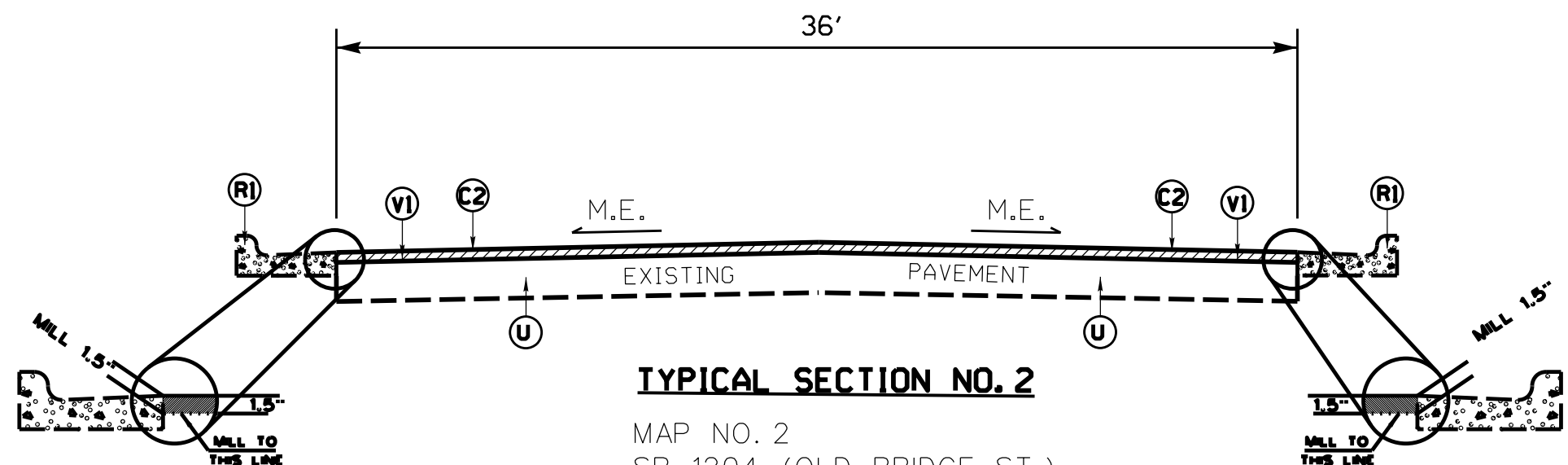
NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

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 110.0 LBS. PER SQ.YD.
C4	PROP. APPROX. 1" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110.0 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 CONCRETE 2'-6" CURB & GUTTER
R2	EXISTING CONCRETE BRIDGE RAIL
T1	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.

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

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



TYPICAL SECTION NO. 2

MAP NO. 2
 SR 1204 (OLD BRIDGE ST.)
 MP 0.05 - MP 0.62

*ALSO SEE TYPICAL NO. 3

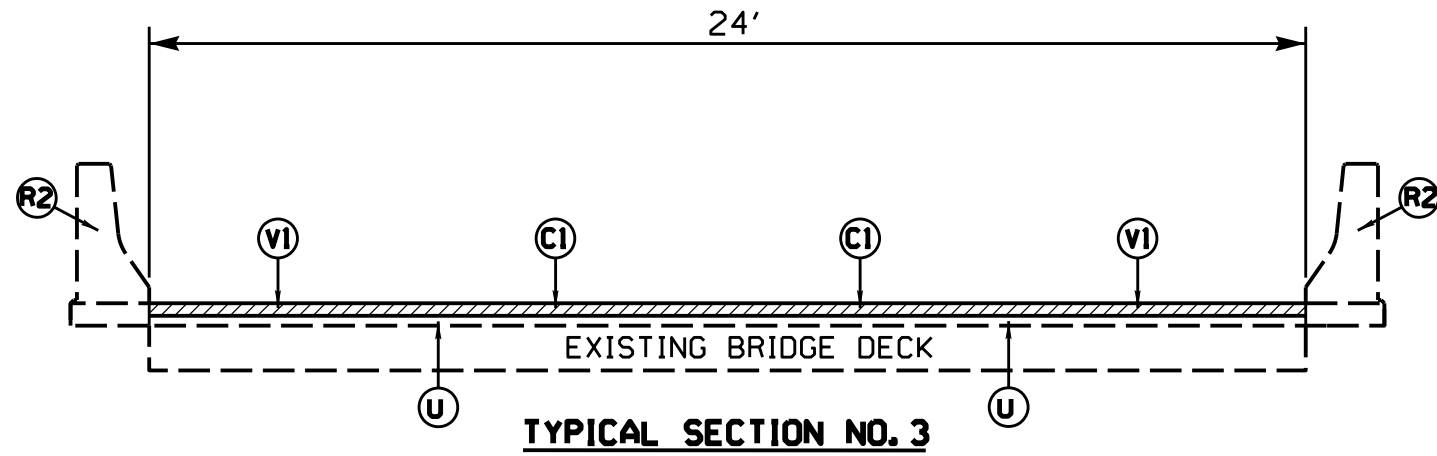
MAP 1 - NC 50 HWY. SPIRAL WIDENING LOCATIONS

	MILEPOST		LENGTH (LF)	WIDTH (FT)	SYD	MIX TYPE (TONS)	
	START	END				B 25.0	S 9.5C
RT	2.22	2.41	1000	2	222.22	63.33	18.67
LT	2.43	2.62	1000	2	222.22	63.33	18.67
RT	4.20	4.57	1950	2	433.33	123.5	36.4
RT	5.55	5.67	630	2	140.00	39.9	11.76
RT	7.54	7.65	580	2	128.89	36.73	10.83
LT	9.40	9.83	2300	2	511.11	145.67	42.93
RT	13.00	13.20	1000	2	222.22	63.33	18.67
RT	14.81	14.94	680	2	151.11	43.07	12.69
TOTALS:			9140		2031.1	578.86	170.62

REVISIONS

8/17/99

SYSTEMS DESIGN

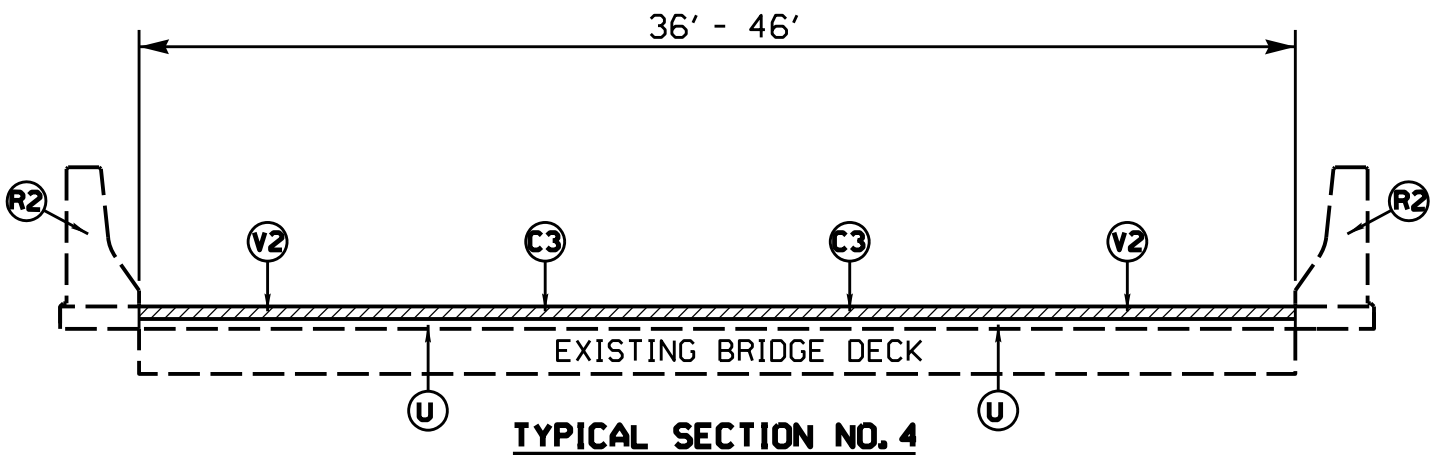


MAP NO. 1
 NC 50 HWY.
 ONSLOW BRIDGE NO. 016
 MP 0.61 - MP 0.64

ONSLOW BRIDGE NO. 026
 MP 10.92 - MP 10.95

PAVEMENT SCHEDULE	
C1	1½" S9.5C
C3	1" S9.5B
R2	EXISTING CONCRETE BRIDGE RAIL
U	EXISTING PAVEMENT
V1	MILLING 1½' DEPTH
V2	MILLING 1" DEPTH

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



MAP NO. 2
 SR 1204 (OLD BRIDGE ST.)
 ONSLOW BRIDGE NO. 191
 MP 0.29 - MP 0.38

MAP NO. 3
 SR 1518 (OLD FORKSTONE RD.)
 ONSLOW BRIDGE NO. 181
 MP 3.90 - MP 3.96

EFF.01-16-2018 REV.

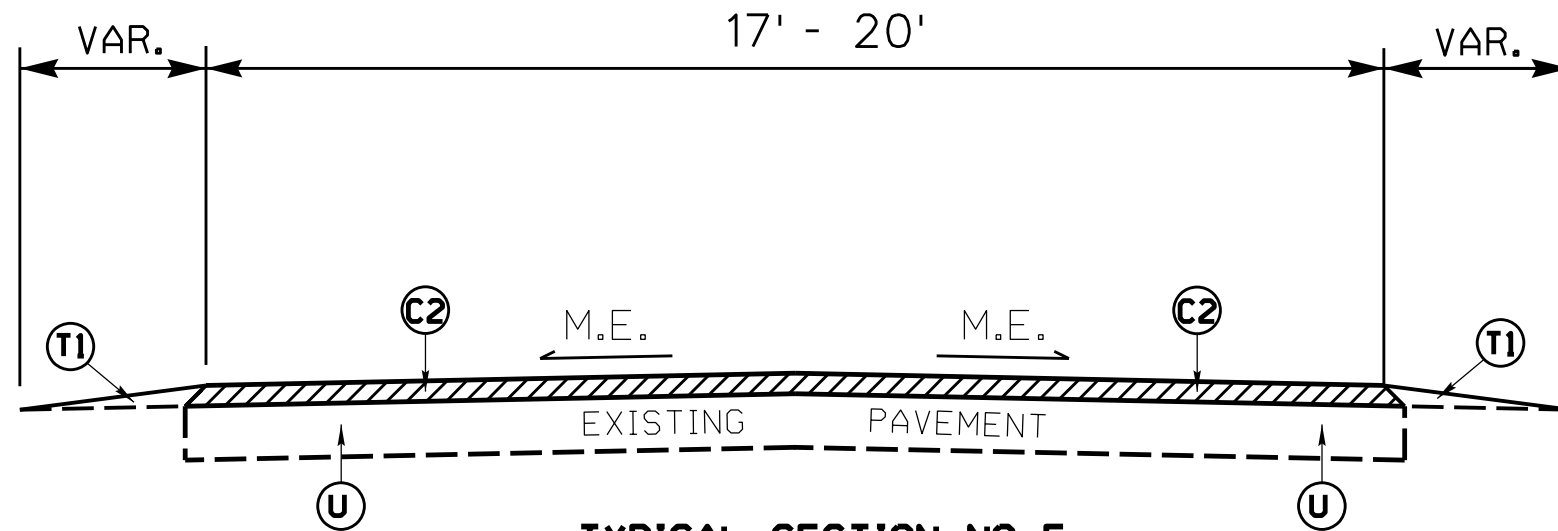
2018 ROADWAY ENGLISH STANDARD DRAWINGS

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

STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
846.01	Concrete Curb, Gutter and Curb & Gutter
848.06	Curb Ramp - Existing Curb & Gutter

REVISIONS

8/17/99
 SYSTEMS
 DESIGN
 NAME



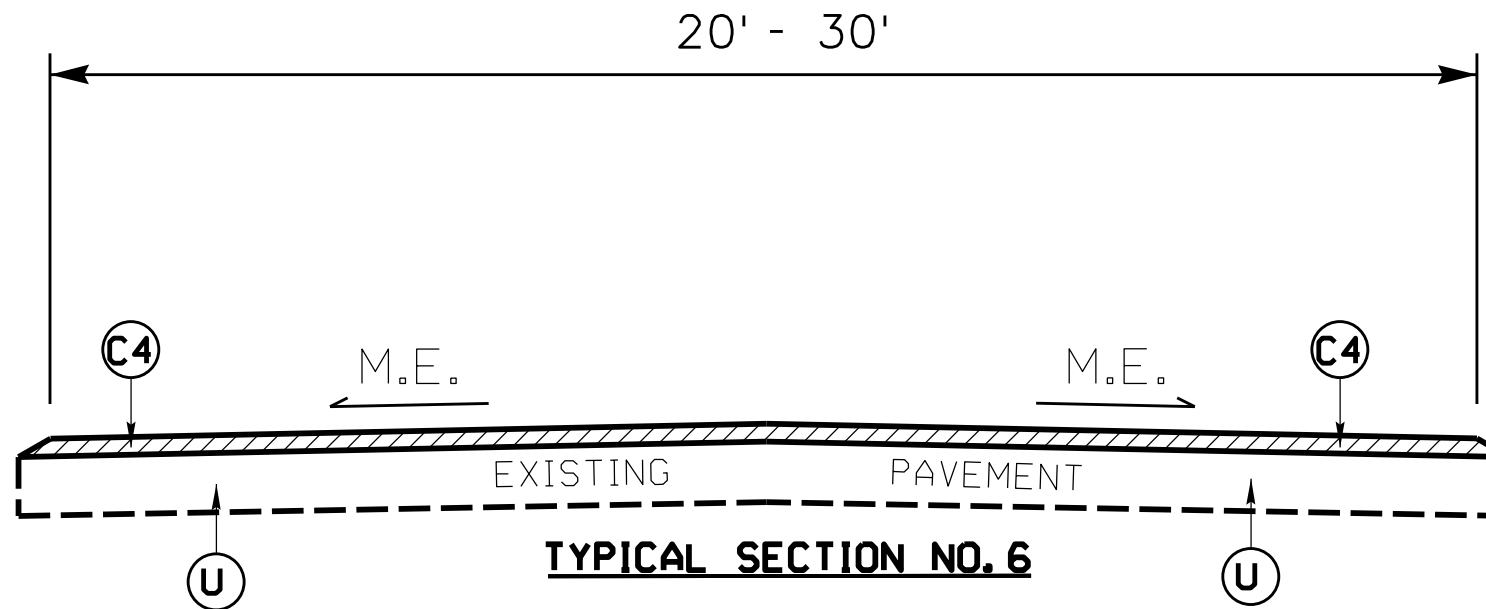
TYPICAL SECTION NO. 5

PAVEMENT SCHEDULE	
C2	1½" S9.5B
C4	1" S4.75A
T1	EARTH MATERIAL SHOULDER RECONST.
U	EXISTING PAVEMENT

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

- | | | | |
|---|--|--|---|
| MAP NO. 3
SR 1518 (OLD FORKSTONE RD.)
MP 2.51 - MP 6.70 | MAP NO. 4
SR 1630 (YOUPON DR.)
MP 0.00 - MP 0.13 | MAP NO. 5
SR 1581 (YOUPON DR.)
MP 0.01 - MP 0.42 | MAP NO. 6
SR 1602 (KINGS PKWY.)
MP 0.01 - MP 0.26 |
|---|--|--|---|

*ALSO SEE TYPICAL NO. 3



TYPICAL SECTION NO. 6

NOTES: SHOULDER WORK ON MAP NO. 3 - 9 AS NEEDED, TO BE DETERMINED BY ENGINEER.

- MAP NO. 7
SR 1480 (VICTORIA RD.)
MP 0.02 - MP 0.42

- MAP NO. 8
SR 1483 (PRINCETON DR.)
MP 0.00 - MP 0.63

- MAP NO. 13
SR 1754 (BERKSHIRE DR.)
MP 0.01 - MP 0.35

- MAP NO. 18
SR 1751 (WALNUT CREEK CT.)
MP 0.00 - MP 0.04

- MAP NO. 9
SR 1484 (SHEFFIELD RD.)
MP 0.01 - MP 0.87

- MAP NO. 14
SR 1481 (YORKSHIRE DR.)
MP 0.01 - MP 0.37

- MAP NO. 19
SR 1791 (SMALL LEAF CT./BRIARWOOD CT.)
MP 0.00 - MP 0.14

- MAP NO. 10
SR 1743 (STERLING CT.)
MP 0.00 - MP 0.06

- MAP NO. 15
SR 1482 (OXFORD DR.)
MP 0.01 - MP 0.41

- MAP NO. 11
SR 1485 (STERLING RD.)
MP 0.00 - MP 0.66

- MAP NO. 16
SR 2056 (DUKE CT.)
MP 0.01 - MP 0.28

- MAP NO. 20
SR 1792 (SHADOW BROOK DR.)
MP 0.00 - MP 0.19

- MAP NO. 12
SR 1735 (CORNELL DR.)
MP 0.01 - MP 0.39

- MAP NO. 17
SR 1750 (WALNUT CREEK DR.)
MP 0.02 - MP 0.39

- MAP NO. 21
SR 1742 (DEVON CT.)
MP 0.00 - MP 0.17

REVISIONS

8/17/99

SYSTEMS DESIGN

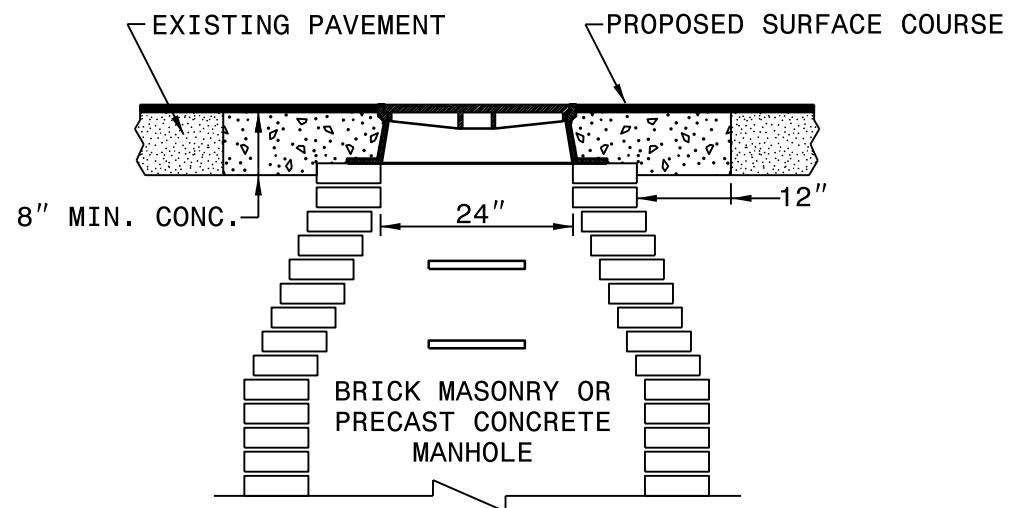
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

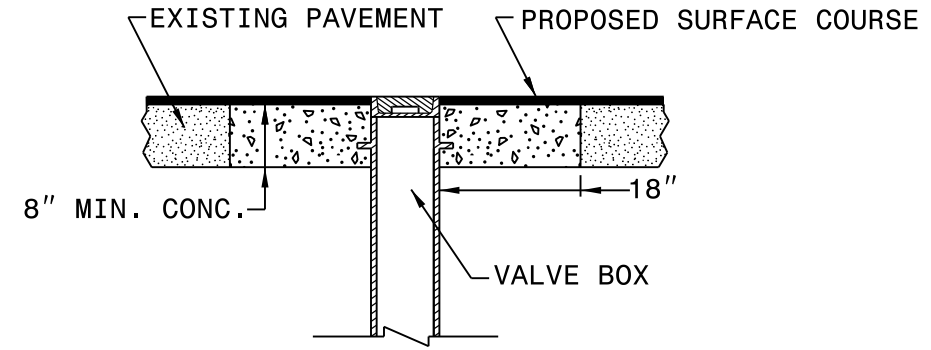
SHEET 1 OF 1
840D55

GENERAL NOTES:

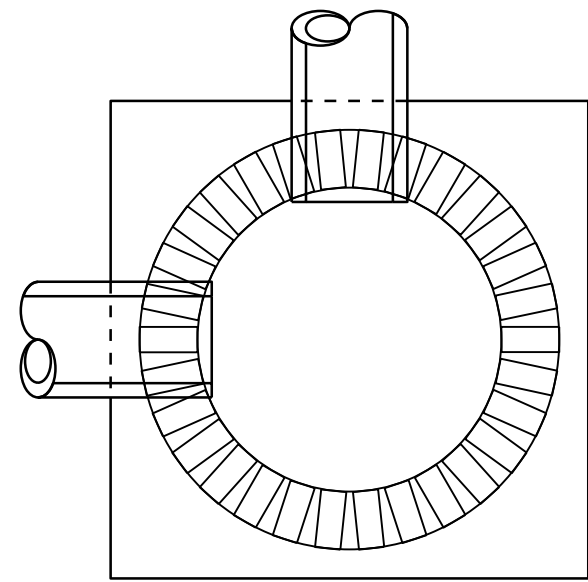
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL 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

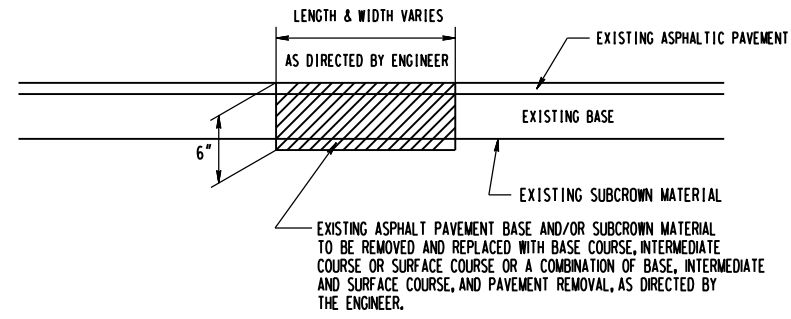
ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

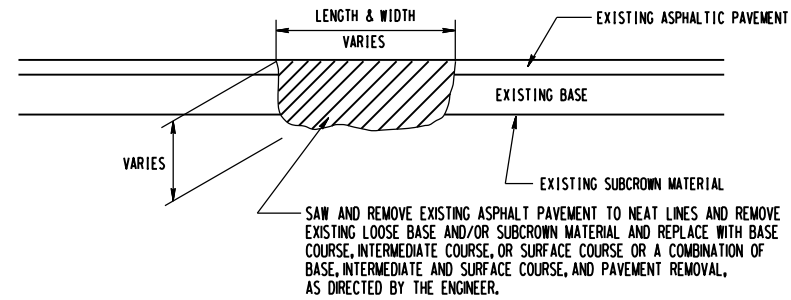
REVISIONS

28-NOV-2017 10:49
S:\Division Resurfacing\z Design Standards & CADD\CADD_Specs.Dwg\Tutorials_Curb, Etc.dwg
\$\$\$\$\$

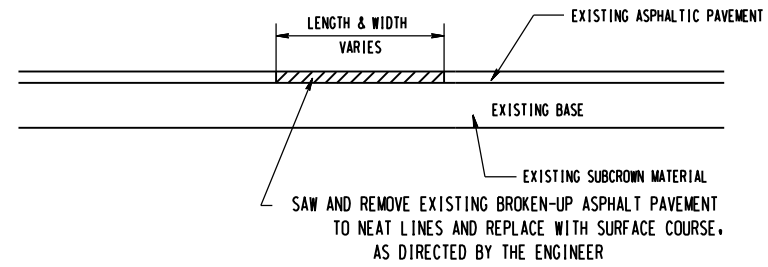
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



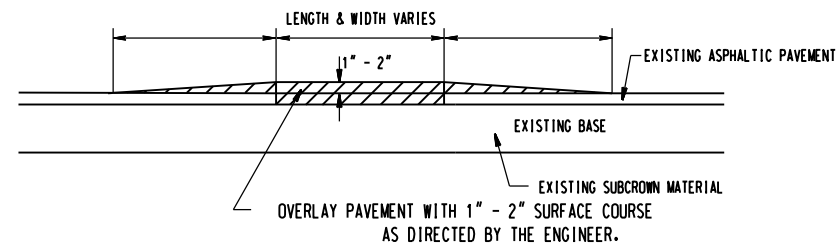
DETAIL NO. 1



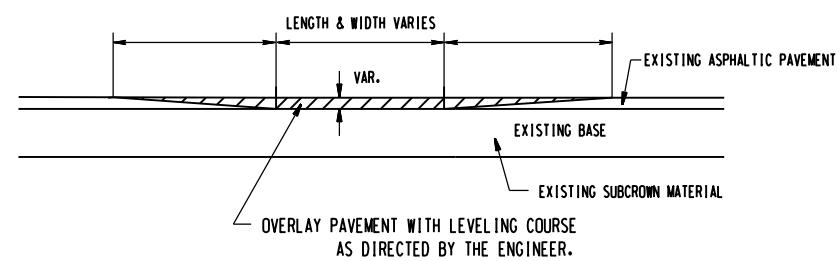
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

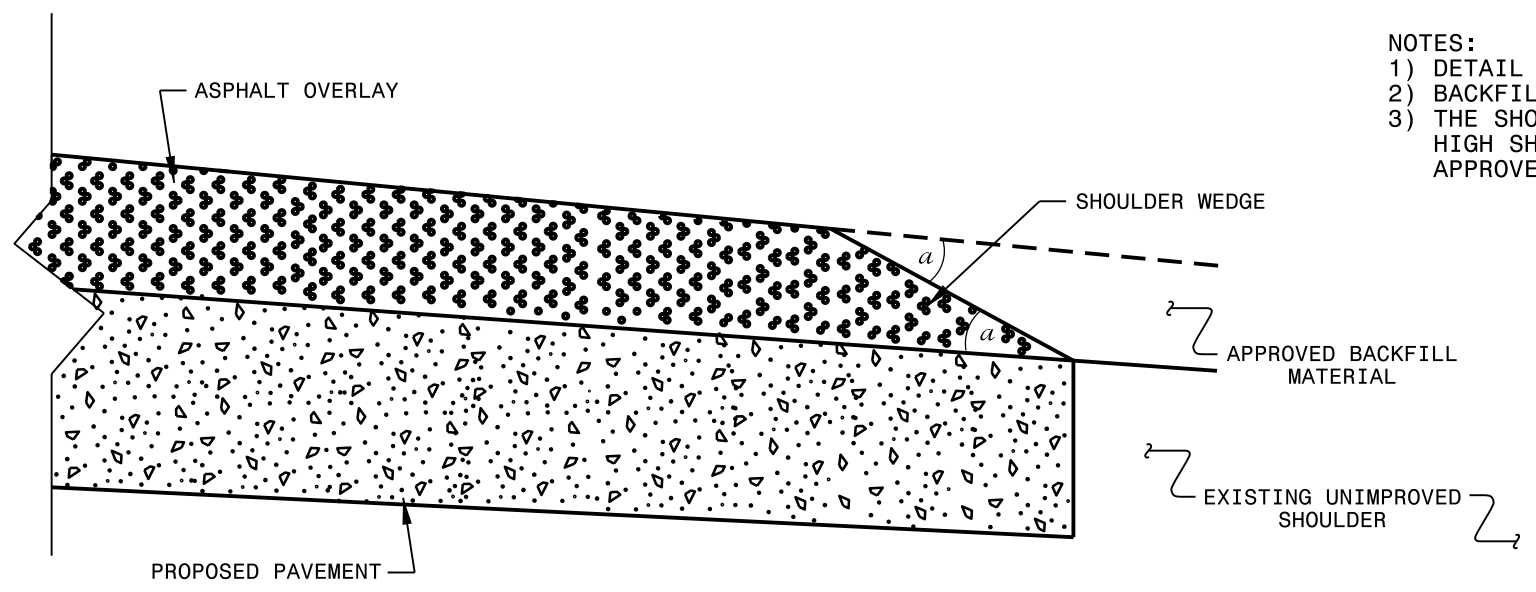


DETAIL NO. 5

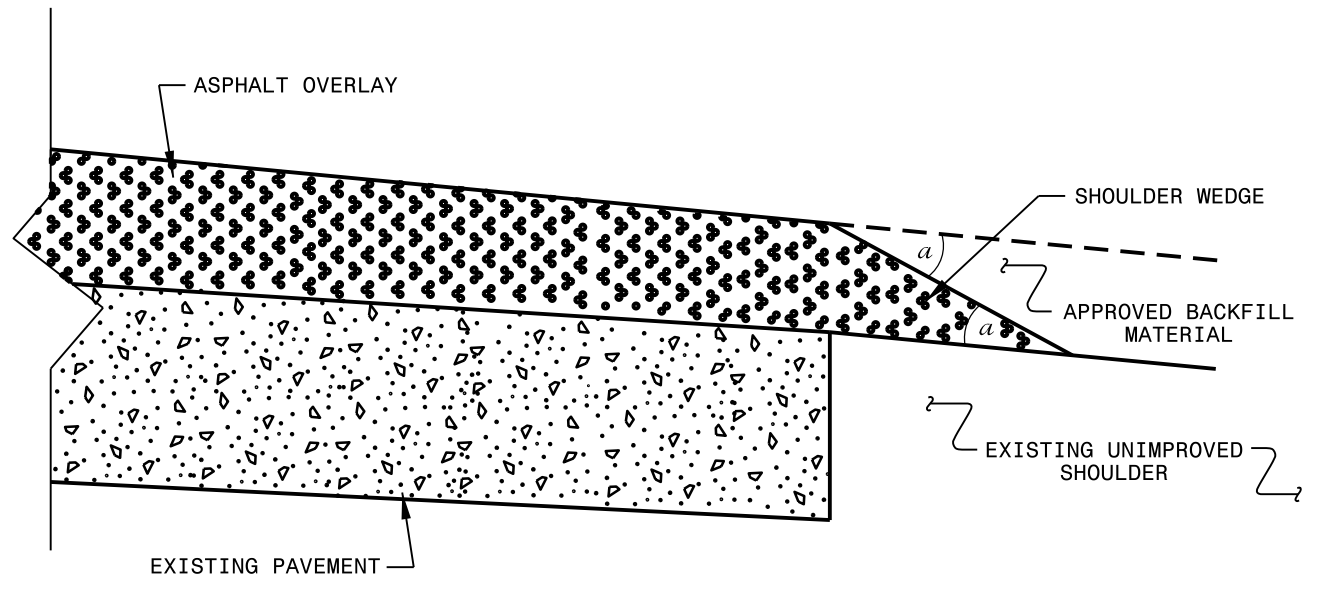
REVISIONS

20-APP-2015-1156
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 \$\$\$USERNAME\$\$\$

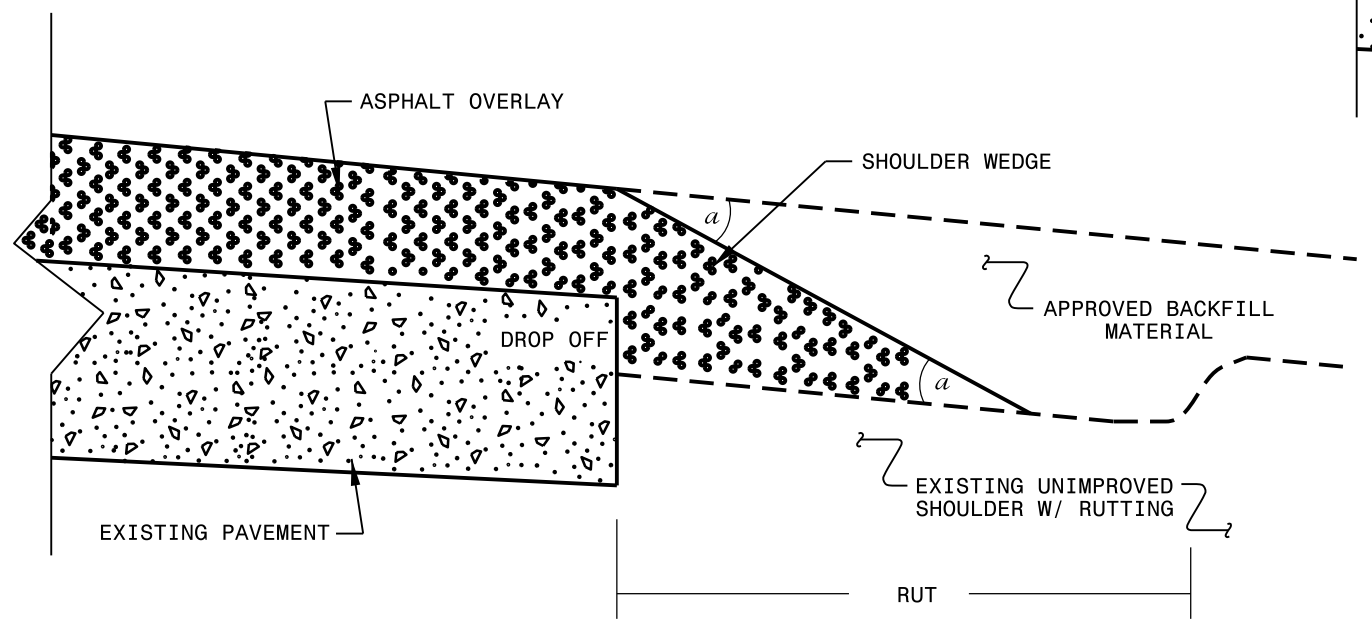
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ Widening or
 with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY:	T.SPELL	DATE:	7-19-11
MODIFIED BY:		DATE:	2/2/16
CHECKED BY:		DATE:	
FILE SPEC.:	s:\usr\details\stand\shoulderwedgedetail.dgn		

27 JUN 2018 13:22
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 P:\porter

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

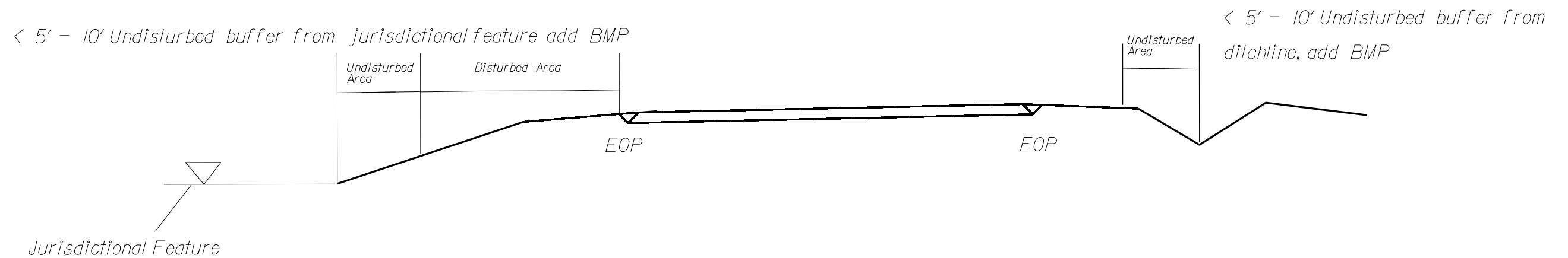
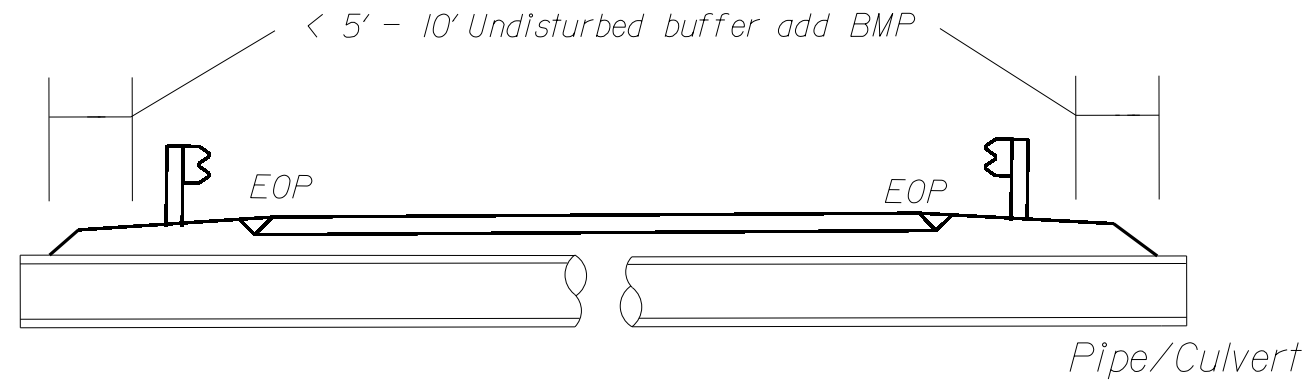
SOIL STABILIZATION TIMEFRAMES

<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

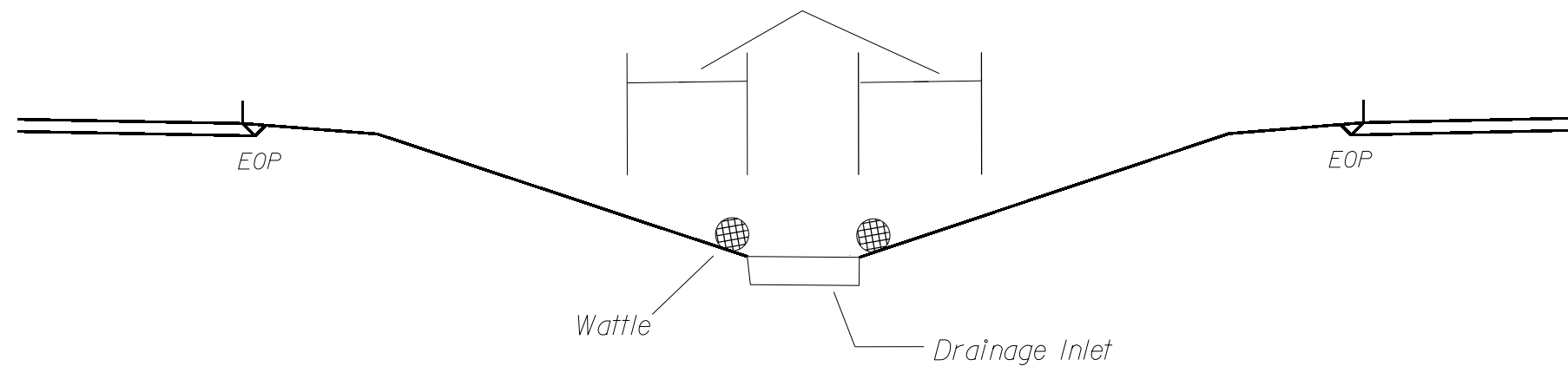
EROSION CONTROL DETAIL



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

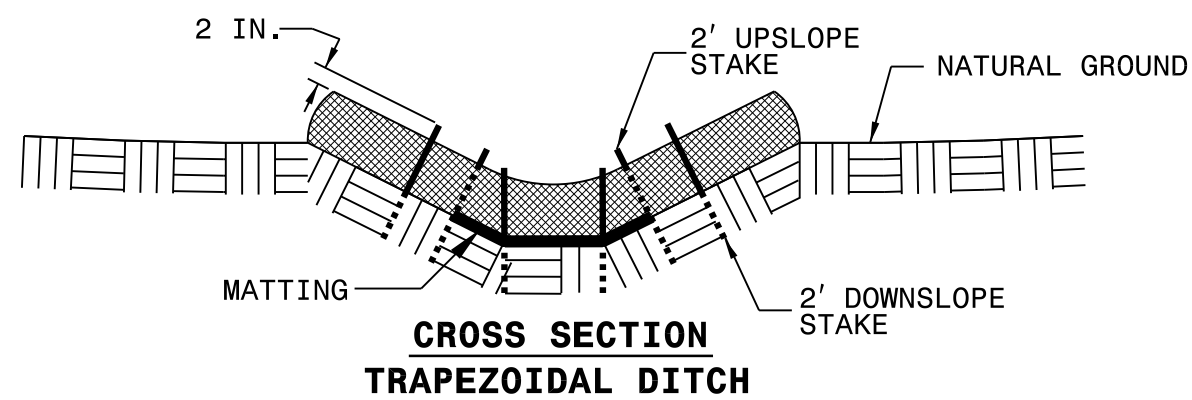
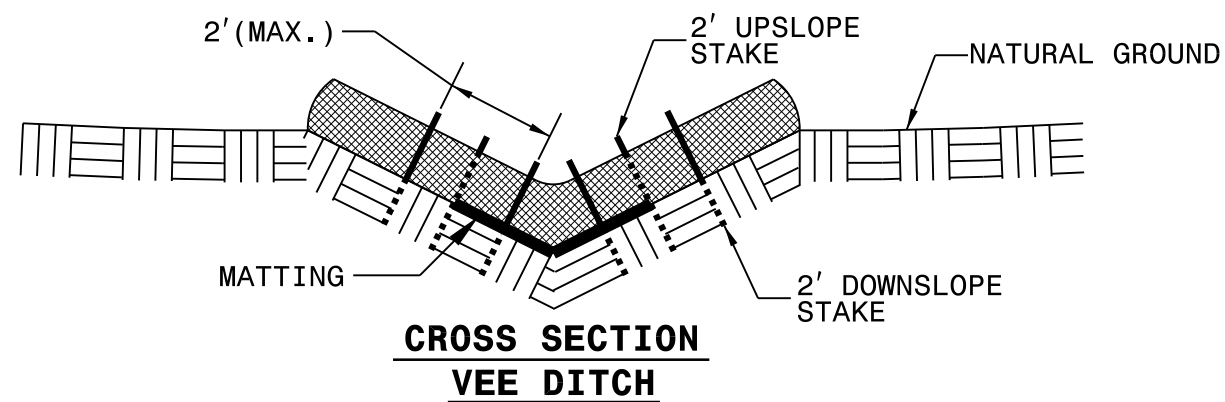
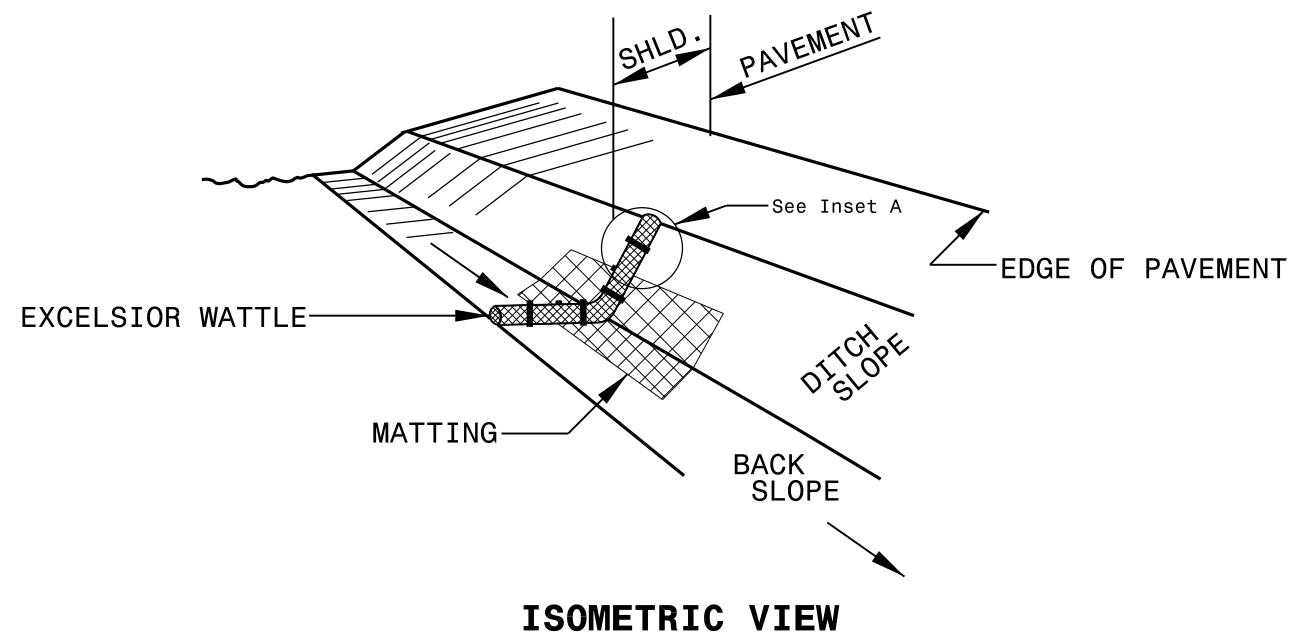


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

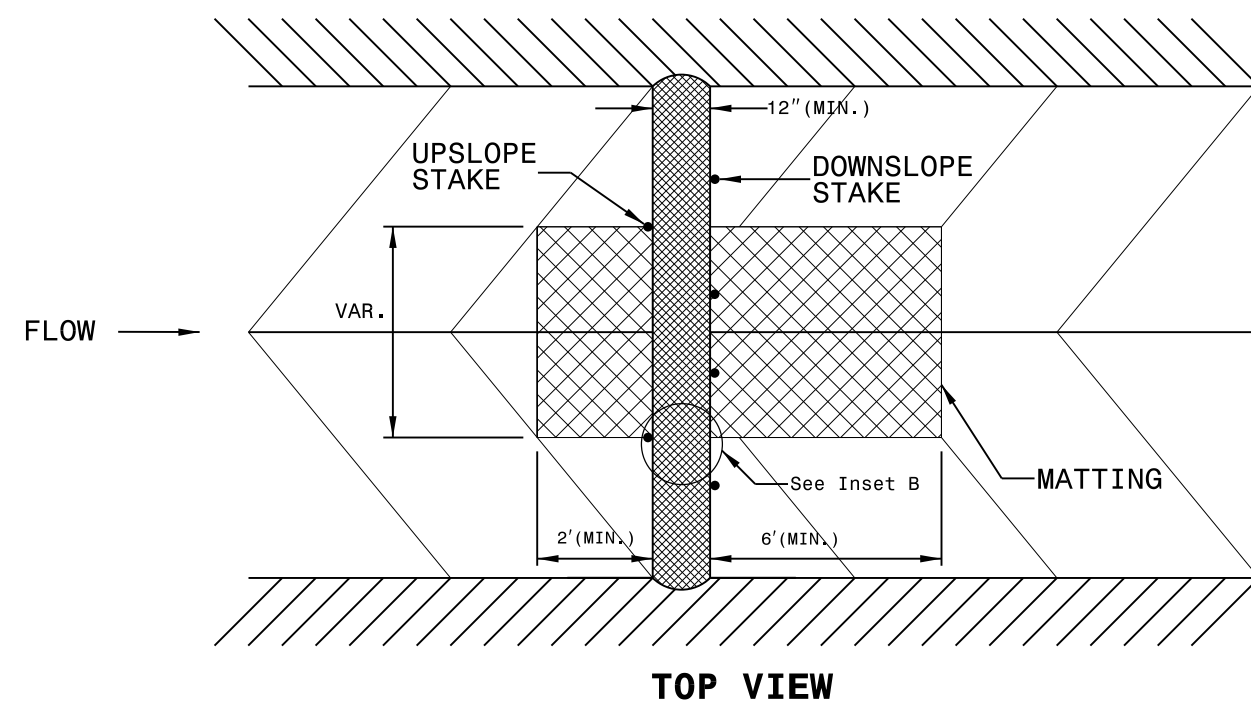
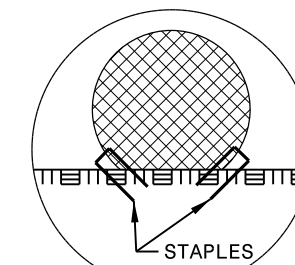
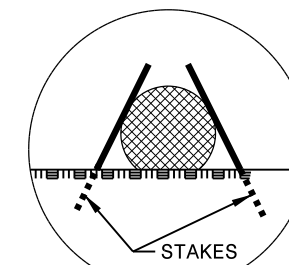
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.



I:\FEB-2015\1141\01\Resurfacing\Plan Sheets\3CR.20711.173. EC RESURF. 2015.dgn

NON-WALK SURFACE
DETECTABLE WARNING SURFACE SEE R.S.D.N. 848.05

LANDING WIDTH 5' MIN.

2'-6" CURB & GUTTER

SIDEWALK WIDTH 5' MIN.

TYPE 1A

NON-WALK SURFACE

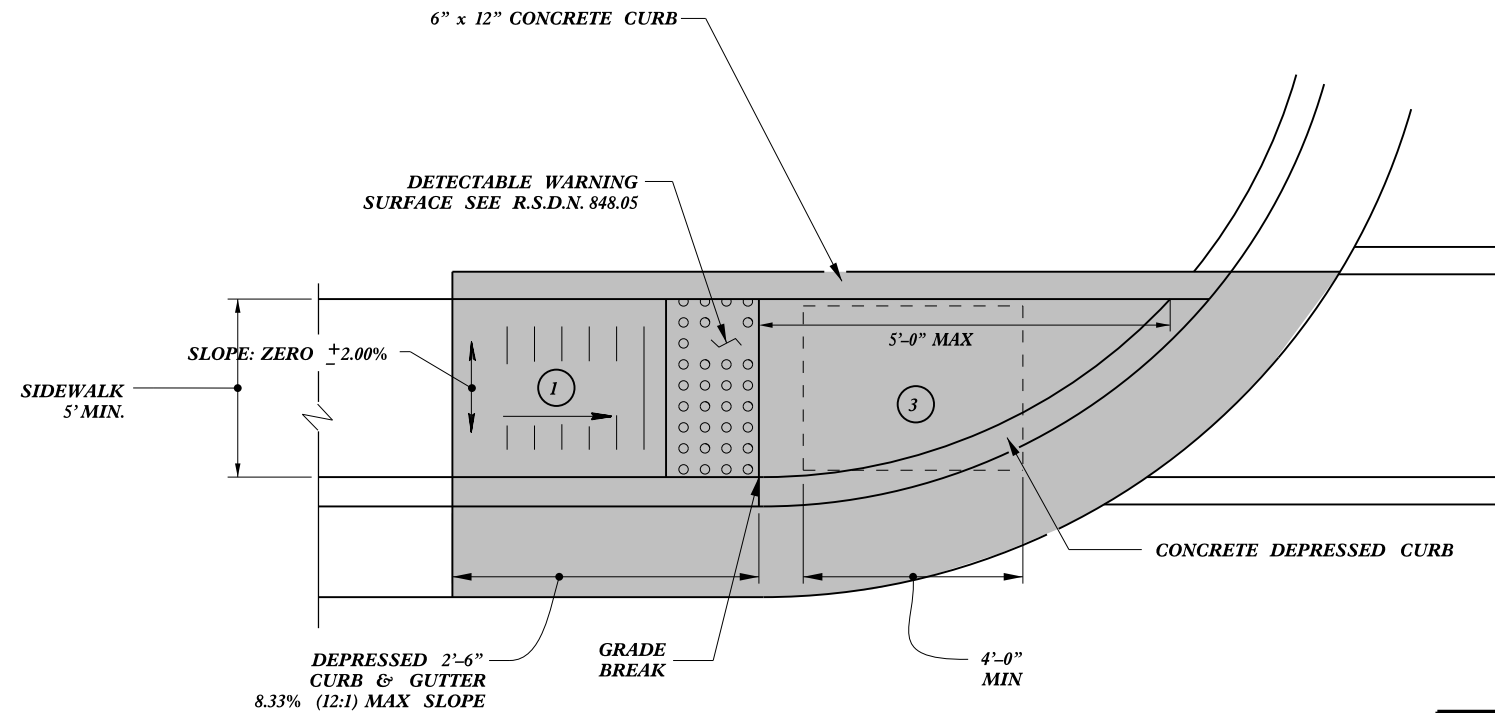
DETECTABLE WARNING SURFACE SEE R.S.D.N. 848.05

LANDING WIDTH 5' MIN.

2'-6" CURB & GUTTER

SIDEWALK WIDTH 5' MIN.

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



DocuSigned by:
Joel S Howerton

449E8E25522144F...
11/18/2015

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

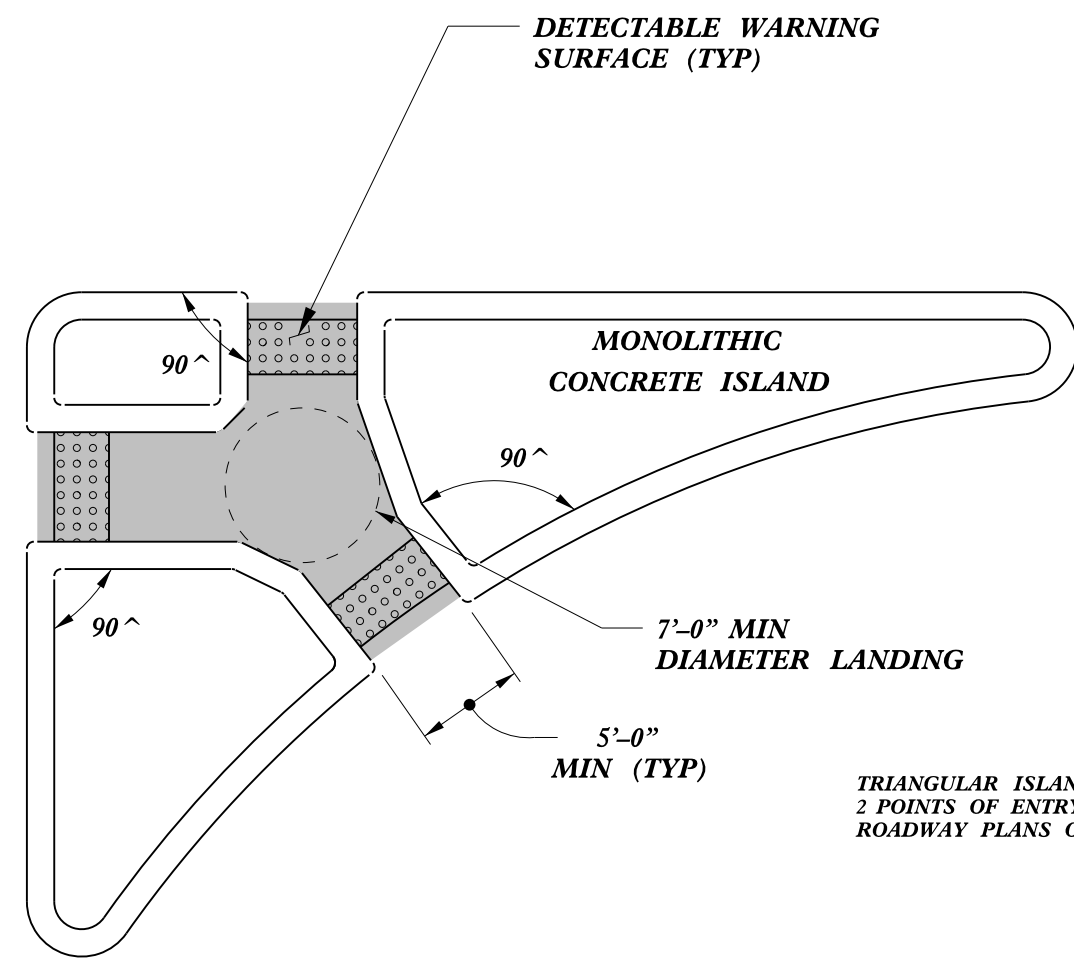
CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

CURB RAMPS
Directional Ramps

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

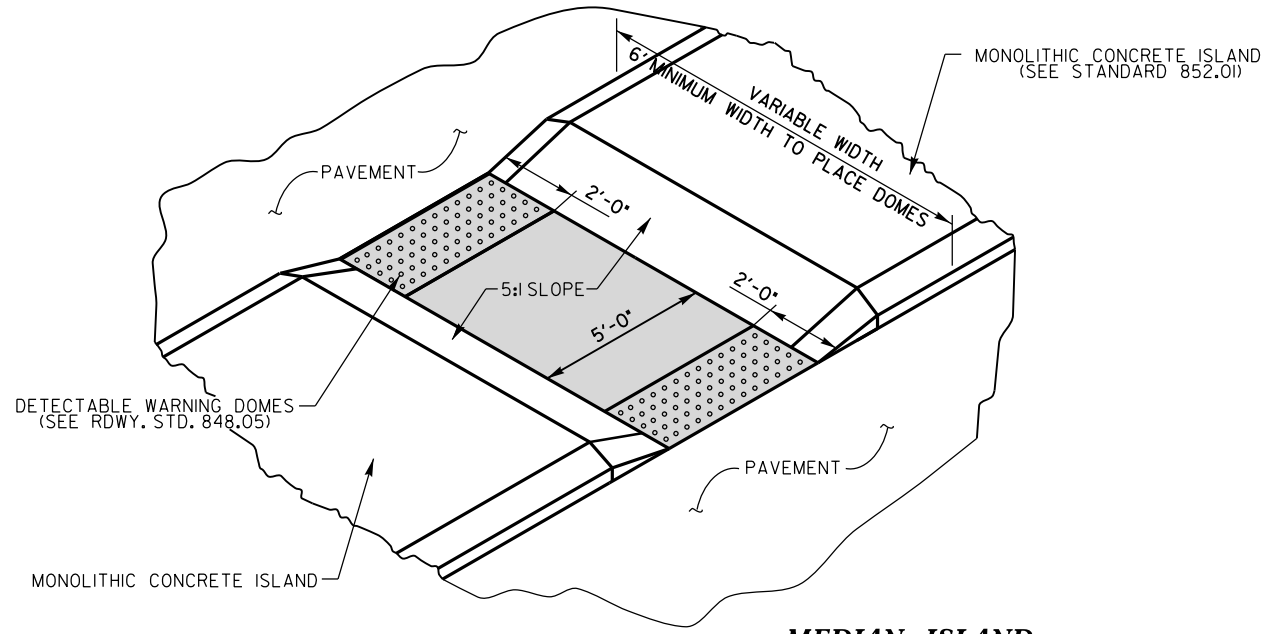
5/14/99
CONSTRUCTION USER NAME
DATE

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

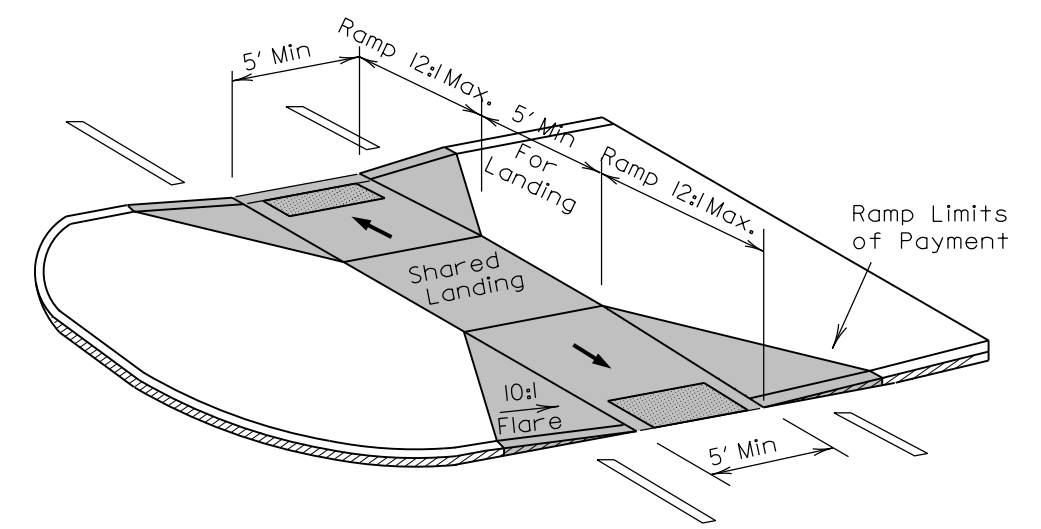


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND
WITH CUT THROUGH**



**MEDIAN ISLAND
WITH CUT THROUGH**



**MEDIAN ISLAND
CURB RAMPS**

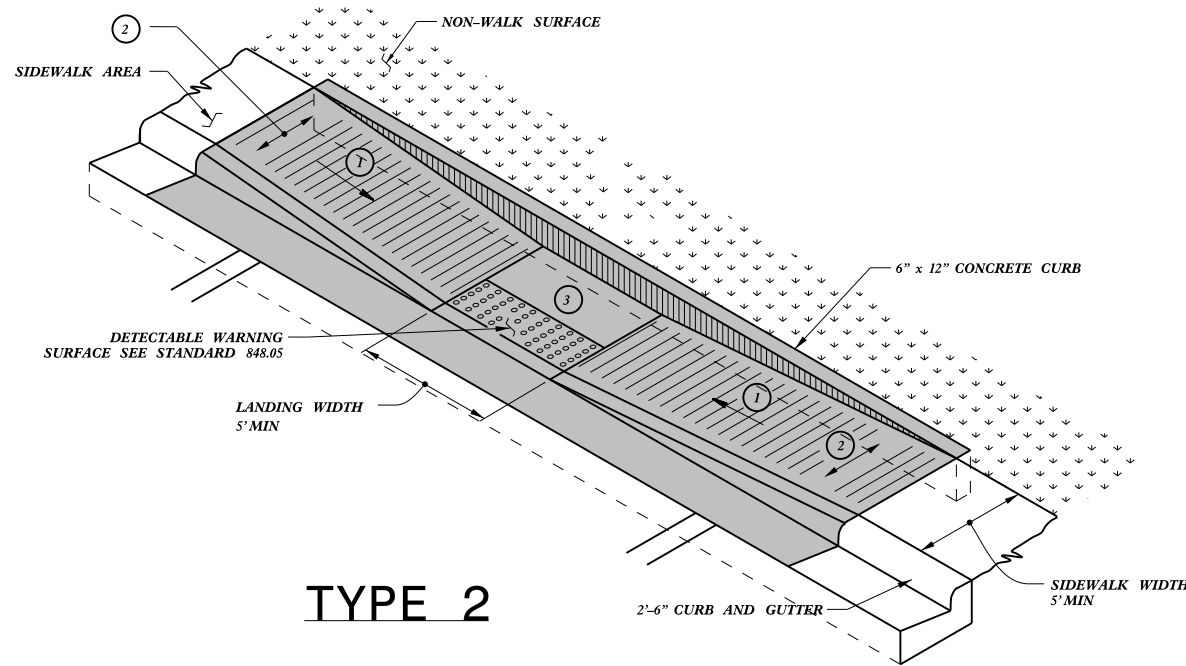
5/14/99
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USER: J.S.HOWERTON
DATE: 11/18/2015 11:18:15 AM
FILE: 2012CurbRamp\CurbRampDetails.dwg

11/18/2015

DocuSign
Seal
Joel S. Howerton
449E8E25522144F...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

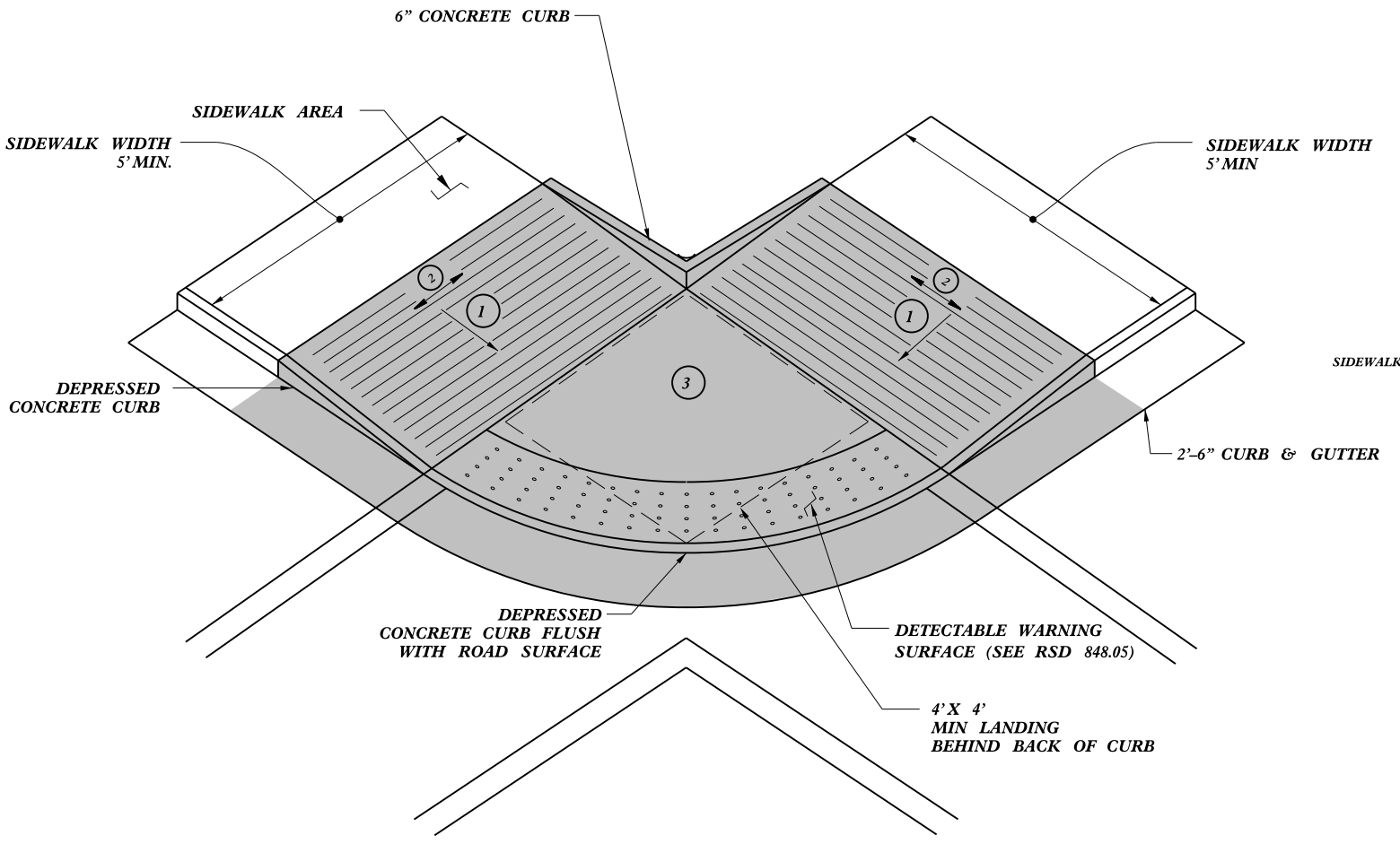
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950	FAX 919-250-4119
CURB RAMPS	
Median or Turn Lane Islands	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC: stds/2012CurbRamp/CurbRampDetails.dwg	



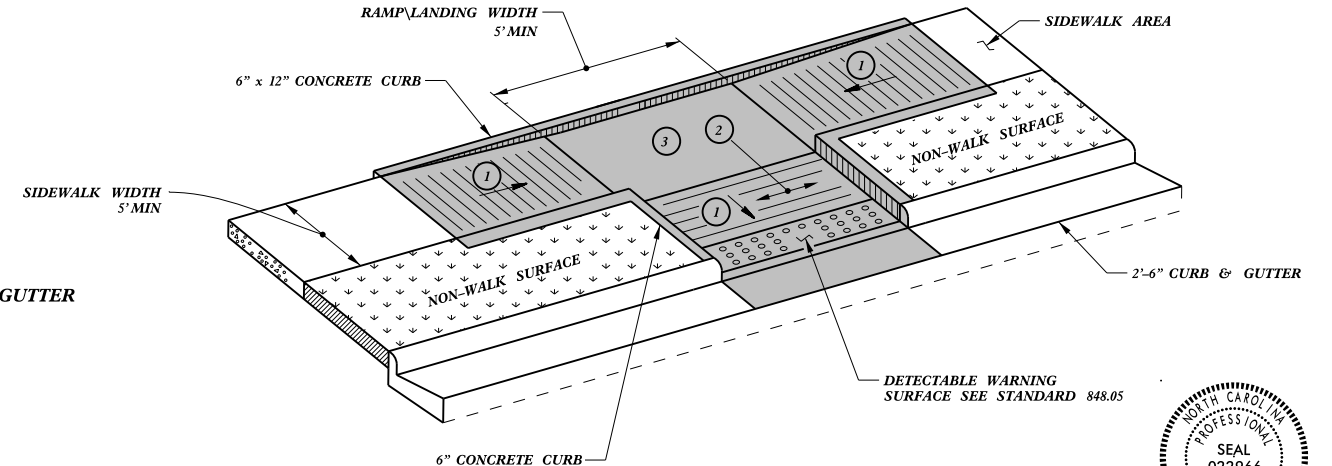
TYPE 2

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



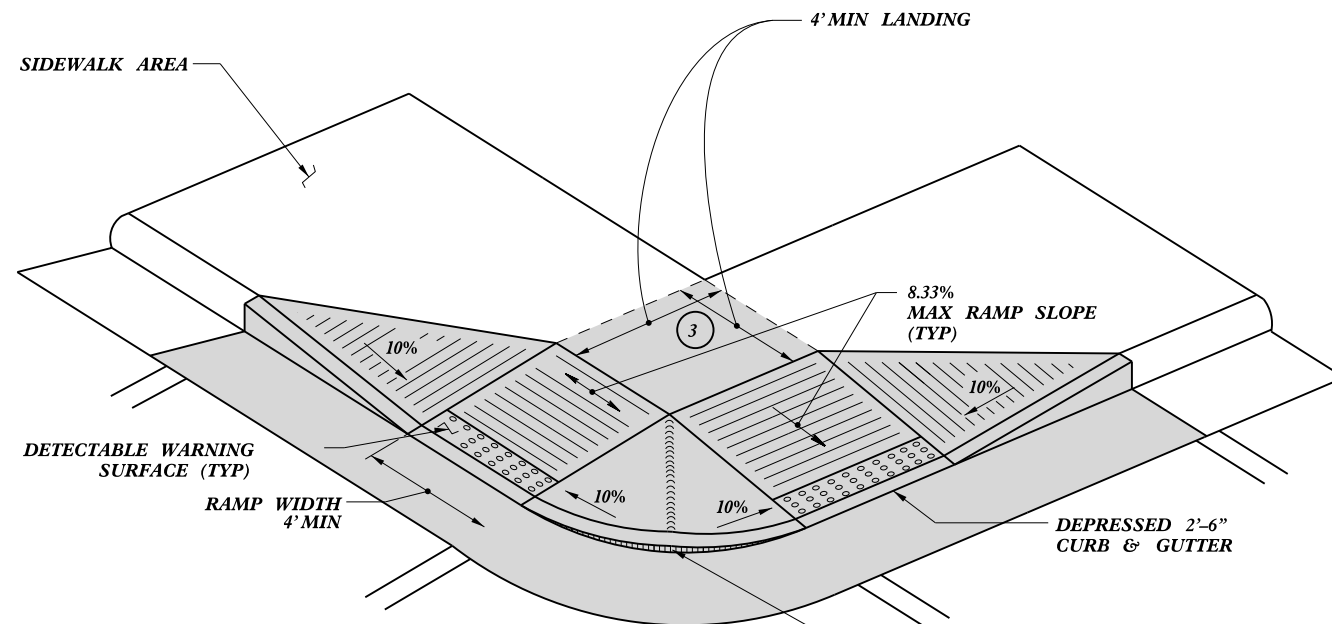
DocuSign
 Joel S. Howerton
 4498E25522144E

11/18/2015

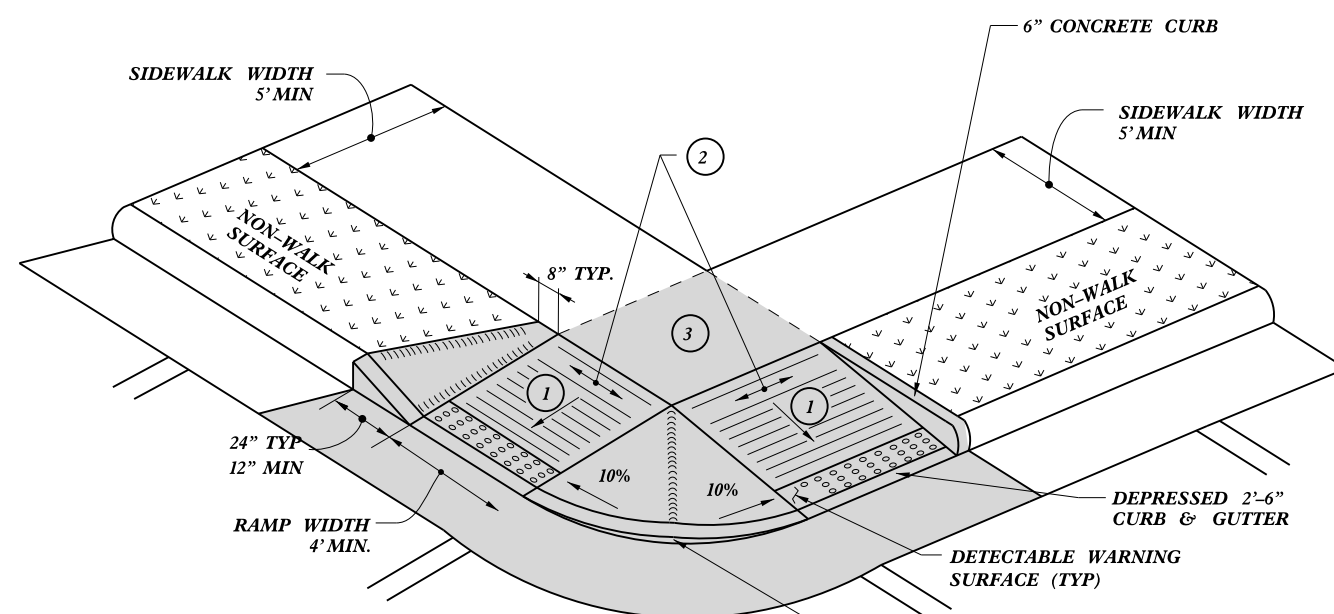
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
CURB RAMPS	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC. :stds/2012CurbRamp/CurbRampDetails.dwg	

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

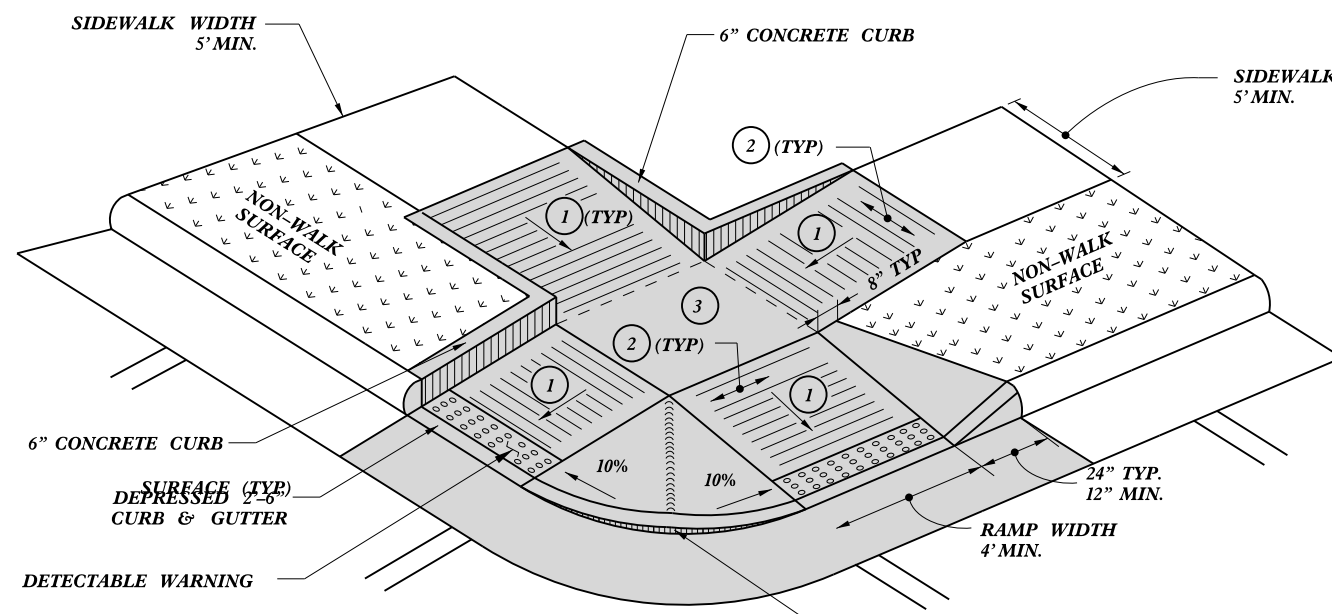
5/14/99
 TIME TO CONSIDER NAME
 12/15/11
 12/15/11



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

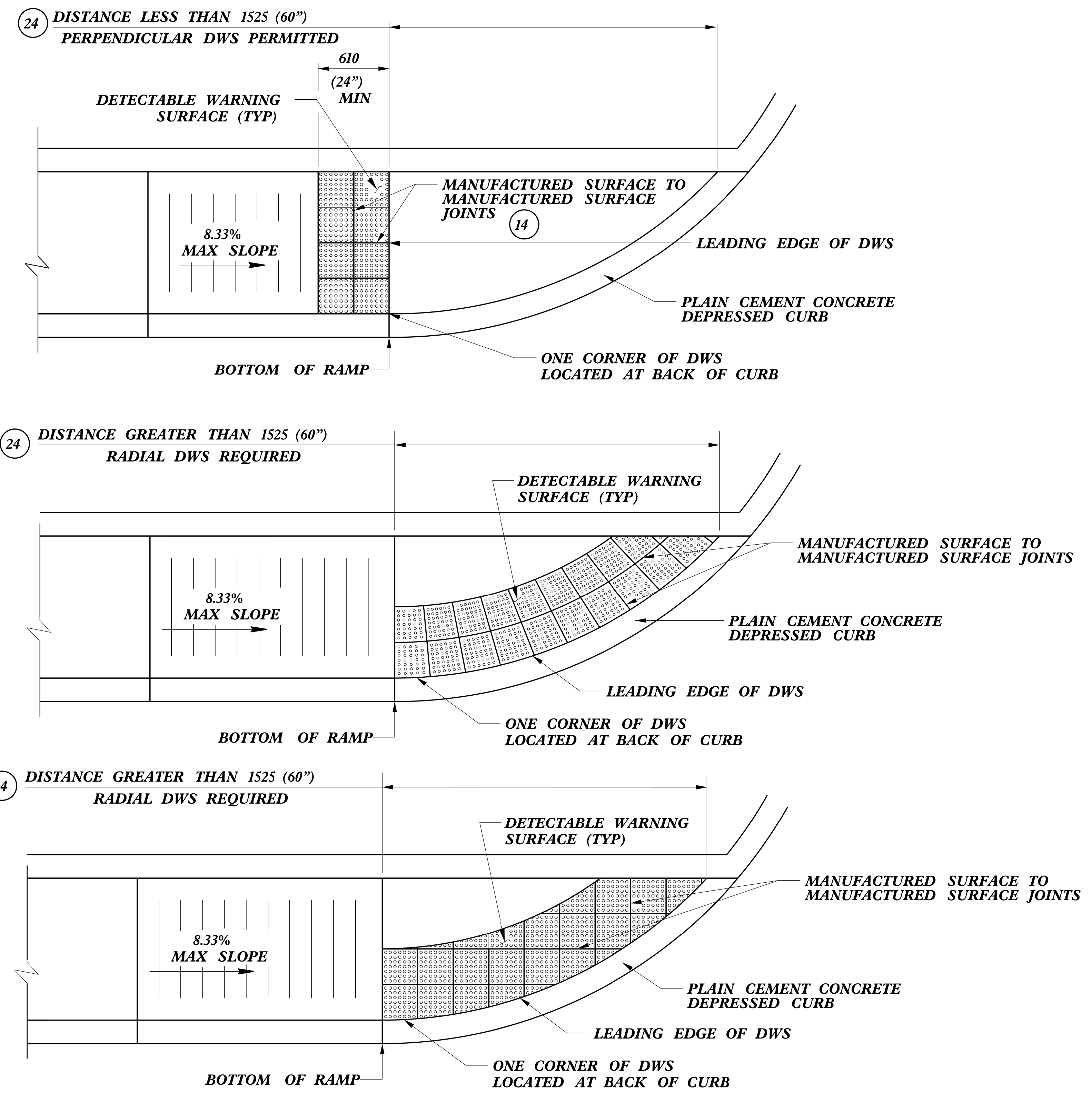
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

5/14/99

TRUNCATED DOMES AT RADIUS DETAIL



DETECTABLE WARNING SURFACE (DWS)
ON CURVED SURFACES

REVISIONS

14 DEC 2015 08:46:46 NDER\SR-5001CB_40924.1.F78.S1.dwg Point Loop MUP\ROADWAY\Proj\Plan_Sheets\3CR.PE_PSH.L2F.dgn
 \$\$\$\$\$\$USERNAM\$\$\$\$\$\$

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

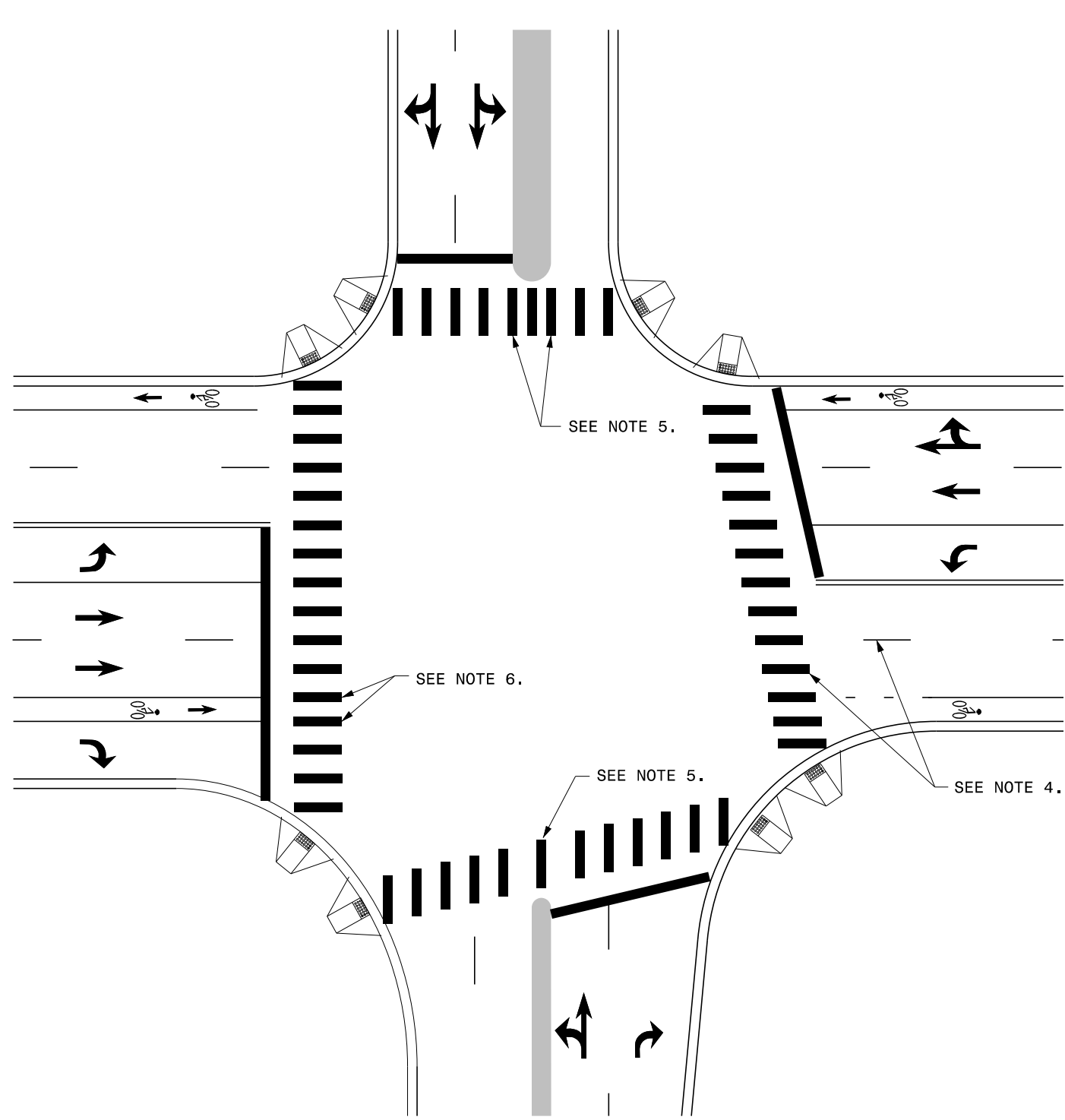
2-19

ENGLISH TYPICAL DRAWING FOR
PAVEMENT MARKINGS
HI-VISIBILITY CROSSWALKS
NO-TRACK MARKING GUIDANCE

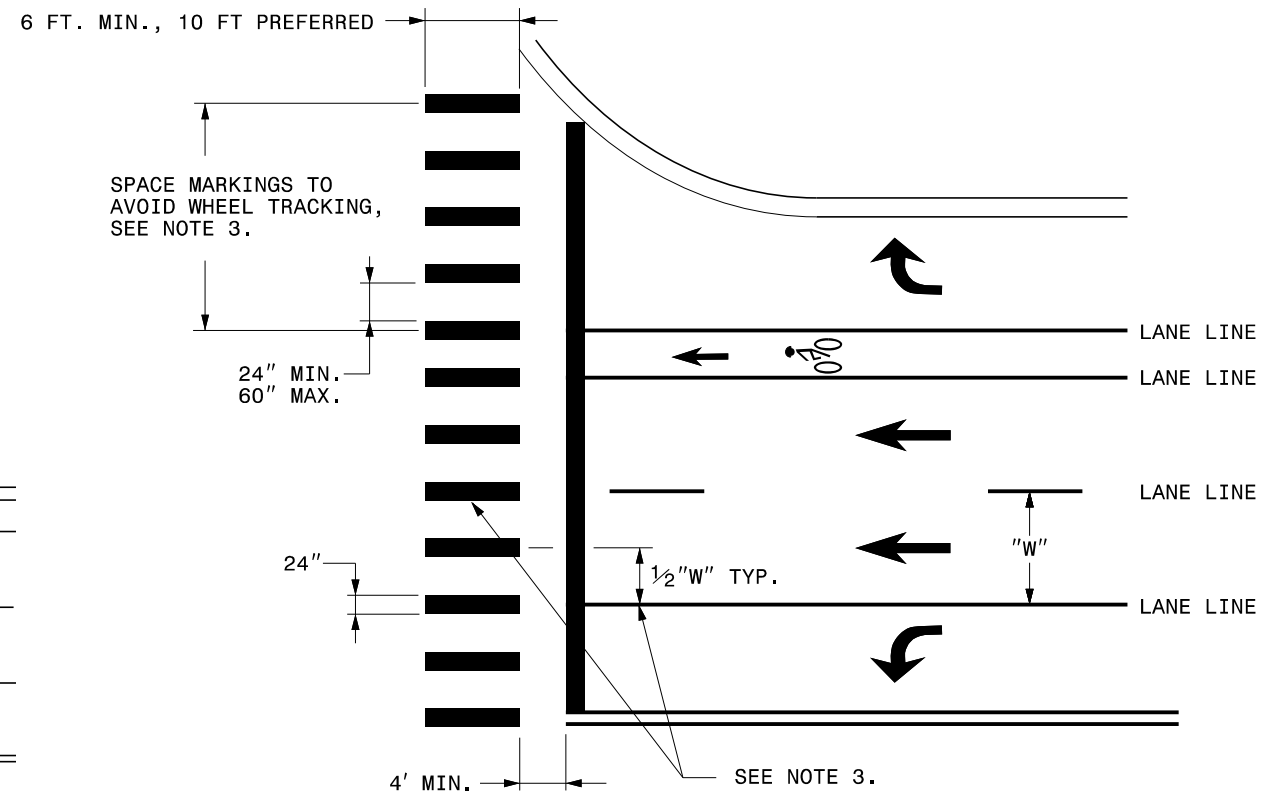
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

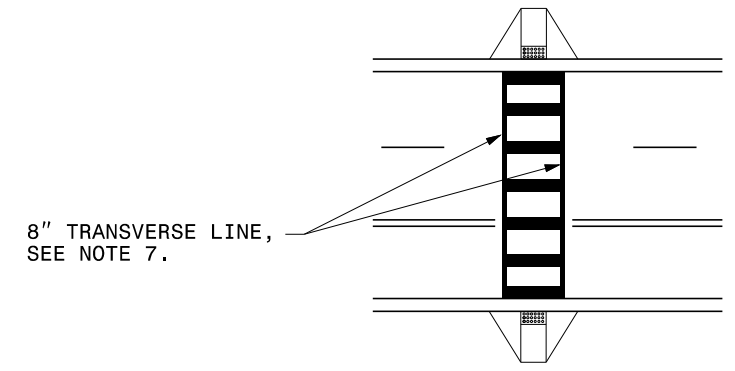
ENGLISH TYPICAL DRAWING FOR
PAVEMENT MARKINGS
HI-VISIBILITY CROSSWALKS
NO-TRACK MARKING GUIDANCE



CROSSWALK INTERSECTION DETAIL



CROSSWALK MARKING DETAIL



MID-BLOCK CROSSWALK DETAIL

GENERAL NOTES:

- 1- THE GUIDANCE IN THIS DETAIL IS TO BE USED WHEN NO-TRACK SPACING OF HI-VISIBILITY MARKINGS IS REQUESTED.
- 2- USE THE GUIDANCE SHOWN ON THE ABOVE DETAILS IN CONJUNCTION WITH PAVEMENT MARKING GUIDANCE SHOWN ON ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.07.
- 3- PLACE MARKINGS TO AVOID WHEELPATH OF VEHICLES. MARKINGS TYPICALLY WILL BE LOCATED CENTERED AT THE LANE LINES AND EDGE LINES WITH ONE ADDITIONAL MARKING CENTERED IN THE MIDDLE OF THE LANE. AT WIDE LANE WIDTHS DUE TO TAPERS AND LARGE RADII, LOCATE MARKINGS AT BEST SPACING TO AVOID WHEEL TRACKING. THE SPACE BETWEEN MARKINGS SHALL NOT BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.

- 4- WHERE THE CROSSWALK IS SKEWED TO THE LANE LINES, THE MARKINGS SHOULD BE PARALLEL TO THE LANE LINES.
- 5- PLACE MARKINGS ON BOTH EDGES OF THE NOSE OF A MEDIAN. FOR NARROW MEDIANS LESS THAN 4 FEET, A SINGLE MARKING MAY BE USED. FOR WIDE MEDIANS, INSTALL ADDITIONAL MARKINGS IN THE MEDIAN AREA. THE SPACE BETWEEN THE MARKINGS SHALL NOT TO BE LESS THAN 24 INCHES OR GREATER THAN 60 INCHES.
- 6- LOCATE MARKINGS CENTERED ON BICYCLE LANE LINES. MARKINGS SHALL NOT BE LOCATED IN THE CENTER OF THE BICYCLE PATH.
- 7- INCLUDE 8" TRANSVERSE LINES WITH 24" LONGITUDINAL MARKINGS AT MID-BLOCK CROSSINGS.

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	1.5" MILLING	1" MILLING	1330000000-E	1491000000-E	1519000000-E	1523000000-E	1526000000-E	1575000000-E	1880000000-E					
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION			INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	SURFACE COURSE, S9.5C	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL) GENERIC	PATCHING EXISTING PAVEMENT (FULL DEPTH) GENERIC				
												MI	FT	CY	TON	SMI	SY	SY	SY	TONS	TON	TON	TON	TON	TON			
2022CPT.03.05.10671	Onslow	1	NC 50 HWY.	FROM US 17 (WILMINGTON HWY.) TO PENDER CO. LINE [MP 1.90 - MP 15.21]	1, 3	2	2WU	NO	NO	13.31	24																	
TOTAL FOR MAP NO. 1												13.31		2,052	184	26.62	1,058			523	579		16,552		1,003	300		
TOTAL FOR PROJ NO. 2022CPT.03.05.10671												13.31		2,052	184	26.62	1,058			523	579		16,552		1,003	300		
																	1,058									300		
2022CPT.03.05.20671	Onslow	2	SR 1402 (OLD BRIDGE STREET)	FROM LEONARD STREET (NON SYSTEM) TO RAILROAD STREET (NON SYSTEM) [MP 0.05 - MP 0.62]	2,4	2	2WU	NO	NO	0.57	36																	
TOTAL FOR MAP NO. 2												0.57								11,645	1,872		128		1,096		71	70
2022CPT.03.05.20671	Onslow	3	SR 1518 (OLD FOLKSTONE ROAD)	FROM NC 210 HWY. TO US 17 HWY. [MP 2.51 - MP 6.70]	3,5	2	2WU	NO	NO	4.19	22																	
TOTAL FOR MAP NO. 3												4.19		640	308	8.38				1,156	550		4,577		297	134		
2022CPT.03.05.20671	Onslow	4	SR 1630 (YOUAPON DRIVE)	FROM SR 1581 (YOUAPON DR.) TO SR 1631 (QUAIL POINT DR.) [MP 0.00 - MP 0.13]	5	2	2WU	NO	NO	0.13	20																	
TOTAL FOR MAP NO. 4												0.13		20	8	0.26				56	127		8	10				
2022CPT.03.05.20671	Onslow	5	SR 1581 (YOUAPON DRIVE)	FROM SR 1579 (QUEENS RD.) TO SR 1630 (YOUAPON DR.) [MP 0.01 - MP 0.42]	5	2	2WU	NO	NO	0.41	20																	
TOTAL FOR MAP NO. 5												0.41		63	46	0.82				56	399		26	100				
2022CPT.03.05.20671	Onslow	6	SR 1602 (KINGS PARKWAY)	FROM SR 1579 (QUEENS RD.) TO SR 1578 (DUCHESS LN.) [MP 0.01 - MP 0.26]	5	2	2WU	NO	NO	0.25	20																	
TOTAL FOR MAP NO. 6												0.25		38	24	0.50				112	244		16	130				
TOTAL FOR PROJ NO. 2022CPT.03.05.20671												5.55		761	386	9.96	11,645	3,028		902	6,443		418	374	70			
																	14,673							444				
2022CPT.03.05.20672	Onslow	7	SR 1480 (VICTORIA ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1735 (CORNELL DR.) [MP 0.02 - MP 0.42]	6	2	2WU	NO	NO	0.4	22																	
TOTAL FOR MAP NO. 7												0.4												293	20	20		
2022CPT.03.05.20672	Onslow	8	SR 1483 (PRINCETON DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DA-SAC [MP 0.00 - MP 0.63]	6	2	2WU	NO	NO	0.63	24																	
TOTAL FOR MAP NO. 8												0.63												517	36	36		
2022CPT.03.05.20672	Onslow	9	SR 1484 (SHEFFIELD ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DA-SAC [MP 0.01 - MP 0.87]	6	2	2WU	NO	NO	0.86	24																	
TOTAL FOR MAP NO. 9												0.86												687	48	34		
2022CPT.03.05.20672	Onslow	10	SR 1743 (STERLING COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	NO	NO	0.06	22																	
TOTAL FOR MAP NO. 10												0.06												61	4	10		
2022CPT.03.05.20672	Onslow	11	SR 1485 (STERLING ROAD)	FROM CUL-DE-SAC TO SR 1742 (DEVON CT.) [MP 0.00 - MP 0.66]	6	2	2WU	NO	NO	0.66	24																	
TOTAL FOR MAP NO. 11												0.66												532	37	25		
2022CPT.03.05.20672	Onslow	12	SR 1735 (CORNELL DRIVE)	FROM SR 1141 (OLD 30 RD.) TO SR 1484 (SHEFFIELD RD.) [MP 0.01 - MP 0.39]	6	2	2WU	NO	NO	0.38	24																	
TOTAL FOR MAP NO. 12												0.38												303	21	37		
2022CPT.03.05.20672	Onslow	13	SR 1754 (BERKSHIRE DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DE-SAC [MP 0.01 - MP 0.35]	6	2	2WU	NO	NO	0.34	24																	
TOTAL FOR MAP NO. 13												0.34												271	19	30		
2022CPT.03.05.20672	Onslow	14	SR 1481 (YORKSHIRE DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DE-SAC [MP 0.01 - MP 0.37]	6	2	2WU	NO	NO	0.36	24																	
TOTAL FOR MAP NO. 14												0.36												301	21	22		
2022CPT.03.05.20672	Onslow	15	SR 1482 (OXFORD DRIVE)	FROM SR 1480 (VICTORIA RD.) TO SR 1485 (STERLING RD.) [MP 0.01 - MP 0.41]	6	2	2WU	NO	NO	0.4	24																	
TOTAL FOR MAP NO. 15												0.4												319	22	31		
2022CPT.03.05.20672	Onslow	16	SR 2056 (DUKE COURT)	FROM SR 1484 (SHEFFIELD RD.) TO CUL-DE-SAC [MP 0.01 MP 0.28]	6	2	2WU	NO	NO	0.27	24																	
TOTAL FOR MAP NO. 16												0.27												229	16	15		
2022CPT.03.05.20672	Onslow	17	SR 1750 (WALNUT CREEK DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1792 (SHADOW BROOK RD.) [MP 0.02 - MP 0.39]	6	2	2WU	NO	NO	0.37	30																	
TOTAL FOR MAP NO. 17												0.37												369	26	35		
2022CPT.03.05.20672	Onslow	18	SR 1751 (WALNUT CREEK COURT)	FROM SR 1750 (WALNUT CREEK DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	NO	NO	0.04	30																	
TOTAL FOR MAP NO. 18												0.04												58	4	10		

PROJECT NO.	SHEET NO.
2022CPT.03.05.10671, 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	2600000000-N	2613000000-N	2752000000-E	2759000000-N	2815000000-N	2830000000-N	2845000000-N	5255000000-N	6000000000-E	6009000000-E	6012000000-E			
												RETROFIT EXISTING CURB RAMP	REMOVE & REPLACE CURB RAMPS	REMOVE & REPLACE 2'-6" CURB & GUTTER (GENERIC)	REMOVE CURB RAMPS (GENERIC)	ADJUSTMENT OF DROP INLET	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	PORTABLE LIGHTING	TEMPORARY SILT FENCE	STONE FOR EC CLASS B	SEDIMENT CONTROL STONE			
												EA	EA	LF	EA	EA	EA	EA	LS	LF	TON	TON			
2022CPT.03.05.20672	Onslow	19	SR 1791 (SMALL LEAF COURT/BRIARWOOD COURT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.14]	6	2	2WU	NO	NO	0.14	28														
TOTAL FOR MAP NO. 19																									
2022CPT.03.05.20672	Onslow	20	SR 1792 (SHADOW BROOK DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	NO	NO	0.19	28														
TOTAL FOR MAP NO. 20																									
2022CPT.03.05.20672	Onslow	21	SR 1742 (DEVON COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.17]	6	2	2WD	NO	NO	0.17	20														
TOTAL FOR MAP NO. 21																									
TOTAL FOR PROJ NO. 2022CPT.03.05.20672																									
GRAND TOTAL																									
												24.13			1	2	80	2	1	5	6	1.00	1,805	453	753

PROJECT NO.	SHEET NO.
2022CPT.03.05.10671, 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	601500000-E	601800000-E	602100000-E	603600000-E	604200000-E	607101000-E	608400000-E	609000000-E	609300000-E	611700000-N			
												TEMPORARY MULCHING	SEED FOR TEMPORARY SEEDING	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			
												MI	FT	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	
2022CPT.03.05.20672	Onslow	19	SR 1791 (SMALL LEAF COURT/BRIARWOOD COURT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.14]	6	2	2WU	NO	NO	0.14	28													
TOTAL FOR MAP NO. 19												0.14												
2022CPT.03.05.20672	Onslow	20	SR 1792 (SHADOW BROOK DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	NO	NO	0.19	28													
TOTAL FOR MAP NO. 20												0.19												
2022CPT.03.05.20672	Onslow	21	SR 1742 (DEVON COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.17]	6	2	2WD	NO	NO	0.17	20													
TOTAL FOR MAP NO. 21												0.17												
TOTAL FOR PROJ NO. 2022CPT.03.05.20672												5.27												
GRAND TOTAL												24.13			17.98	900	24.99	140	915	300	17.43	901	4.49	29

PROJECT NO.	SHEET NO.
2022CPT.03.05.10671, Etc.	22

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4415000000-N	4420000000-N	4434000000-N	4457000000-N	4480000000-N	4510000000-N	4685000000-E		4695000000-E	4700000000-E		
										WORK ZONE ADVANCE/G ENEAL WARNING SIGNING	FLASHING ARROW BOARD	PORT CHANG MSG SIGN	SEQUENTIAL FLASHING WARNING LIGHTS	TEMPORARY TRAFFIC CONTROL	TMA	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO		
									MI	FT	SF	EA	EA	EA	LS	EA	HR	LF	LF	LF	LF	
2022CPT.03.05.10671	Onslow	1	NC 50 HWY.	FROM US 17 (WILMINGTON HWY.) TO PENDER CO. LINE [MP 1.90 - MP 15.21]	1, 3	2	2WU	13.31	24	1,488				0.49		80	138,031	62,402				
TOTAL FOR MAP NO. 1									13.31		1,488			0.49		80	138,031	62,402				
TOTAL FOR PROJ NO. 2022CPT.03.05.10671									13.31		1,488			0.49		80	138,031	62,402				
																	200,433					
2022CPT.03.05.20671	Onslow	2	SR 1402 (OLD BRIDGE STREET)	FROM LEONARD STREET (NON SYSTEM) TO RAILROAD STREET (NON SYSTEM) [MP 0.05 - MP 0.62]	2,4	2	2WU	0.57	36		1	1	6	0.02	1	40	555	5,770	162	75		
TOTAL FOR MAP NO. 2									0.57				1	1	6	0.02	1	40	555	5,770	162	75
2022CPT.03.05.20671	Onslow	3	SR 1518 (OLD FOLKSTONE ROAD)	FROM NC 210 HWY. TO US 17 HWY. [MP 2.51 - MP 6.70]	3,5	2	2WU	4.19	22	480				0.14		40	44,584	35,861				
TOTAL FOR MAP NO. 3									4.19		480			0.14		40	44,584	35,861				
2022CPT.03.05.20671	Onslow	4	SR 1630 (YOUAPON DRIVE)	FROM SR 1581 (YOUAPON DR.) TO SR 1631 (QUAIL POINT DR.) [MP 0.00 - MP 0.13]	5	2	2WU	0.13	20					0.02								
TOTAL FOR MAP NO. 4									0.13					0.02								
2022CPT.03.05.20671	Onslow	5	SR 1581 (YOUAPON DRIVE)	FROM SR 1579 (QUEENS RD.) TO SR 1630 (YOUAPON DR.) [MP 0.01 - MP 0.42]	5	2	2WU	0.41	20					0.02								
TOTAL FOR MAP NO. 5									0.41					0.02								
2022CPT.03.05.20671	Onslow	6	SR 1602 (KINGS PARKWAY)	FROM SR 1579 (QUEENS RD.) TO SR 1578 (DUCHESS LN.) [MP 0.01 - MP 0.26]	5	2	2WU	0.25	20					0.02								
TOTAL FOR MAP NO. 6									0.25					0.02								
TOTAL FOR PROJ NO. 2022CPT.03.05.20671									5.55		480	1	1	6	0.22	1	80	45,139	41,631	162	75	
																	86,770					
2022CPT.03.05.20672	Onslow	7	SR 1480 (VICTORIA ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1735 (CORNELL DR.) [MP 0.02 - MP 0.42]	6	2	2WU	0.4	22					0.02								
TOTAL FOR MAP NO. 7									0.4					0.02								
2022CPT.03.05.20672	Onslow	8	SR 1483 (PRINCETON DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DA-SAC [MP 0.00 - MP 0.63]	6	2	2WU	0.63	24					0.02								
TOTAL FOR MAP NO. 8									0.63					0.02								
2022CPT.03.05.20672	Onslow	9	SR 1484 (SHEFFIELD ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DA-SAC [MP 0.01 - MP 0.87]	6	2	2WU	0.86	24					0.03								
TOTAL FOR MAP NO. 9									0.86					0.03								
2022CPT.03.05.20672	Onslow	10	SR 1743 (STERLING COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.06]	6	2	2WU	0.06	22					0.01								
TOTAL FOR MAP NO. 10									0.06					0.01								
2022CPT.03.05.20672	Onslow	11	SR 1485 (STERLING ROAD)	FROM CUL-DE-SAC TO SR 1742 (DEVON CT.) [MP 0.00 - MP 0.66]	6	2	2WU	0.66	24					0.02								
TOTAL FOR MAP NO. 11									0.66					0.02								
2022CPT.03.05.20672	Onslow	12	SR 1735 (CORNELL DRIVE)	FROM SR 1141 (OLD 30 RD.) TO SR 1484 (SHEFFIELD RD.) [MP 0.01 - MP 0.39]	6	2	2WU	0.38	24					0.02								
TOTAL FOR MAP NO. 12									0.38					0.02								
2022CPT.03.05.20672	Onslow	13	SR 1754 (BERKSHIRE DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DE-SAC [MP 0.01 - MP 0.35]	6	2	2WU	0.34	24					0.02								
TOTAL FOR MAP NO. 13									0.34					0.02								
2022CPT.03.05.20672	Onslow	14	SR 1481 (YORKSHIRE DRIVE)	FROM SR 1480 (VICTORIA RD.) TO CUL-DE-SAC [MP 0.01 - MP 0.37]	6	2	2WU	0.36	24					0.02								
TOTAL FOR MAP NO. 14									0.36					0.02								
2022CPT.03.05.20672	Onslow	15	SR 1482 (OXFORD DRIVE)	FROM SR 1480 (VICTORIA RD.) TO SR 1485 (STERLING RD.) [MP 0.01 - MP 0.41]	6	2	2WU	0.4	24					0.02								

PROJECT NO.	SHEET NO.
2022CPT.03.05.10671, Etc.	23

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4415000000-N	4420000000-N	4434000000-N	4457000000-N	4480000000-N	4510000000-N	4685000000-E		4695000000-E	4700000000-E		
								MI	FT	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	FLASHING ARROW BOARD	PORT CHANG MSG SIGN	SEQUENTIAL FLASHING WARNING LIGHTS	TEMPORARY TRAFFIC CONTROL	TMA	LAW ENFORCEMENT	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	8" X 90 M WHITE THERMO	12" X 90 M YELLOW THERMO		
TOTAL FOR MAP NO. 15									0.4													
2022CPT.03.05.20672	Onslow	16	SR 2056 (DUKE COURT)	FROM SR 1484 (SHEFFIELD RD.) TO CUL-DE-SAC [MP 0.01 MP 0.28]	6	2	2WU	0.27	24					0.02								
TOTAL FOR MAP NO. 16									0.27					0.02								
2022CPT.03.05.20672	Onslow	17	SR 1750 (WALNUT CREEK DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1792 (SHADOW BROOK RD.) [MP 0.02 - MP 0.39]	6	2	2WU	0.37	30					0.02								
TOTAL FOR MAP NO. 17									0.37					0.02								
2022CPT.03.05.20672	Onslow	18	SR 1751 (WALNUT CREEK COURT)	FROM SR 1750 (WALNUT CREEK DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	0.04	30					0.01								
TOTAL FOR MAP NO. 18									0.04					0.01								
2022CPT.03.05.20672	Onslow	19	SR 1791 (SMALL LEAF COURT/BRIARWOOD COURT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.14]	6	2	2WU	0.14	28					0.02								
TOTAL FOR MAP NO. 19									0.14					0.02								
2022CPT.03.05.20672	Onslow	20	SR 1792 (SHADOW BROOK DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	0.19	28					0.02								
TOTAL FOR MAP NO. 20									0.19					0.02								
2022CPT.03.05.20672	Onslow	21	SR 1742 (DEVON COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.17]	6	2	2WD	0.17	20					0.02								
TOTAL FOR MAP NO. 21									0.17					0.02								
TOTAL FOR PROJ NO. 2022CPT.03.05.20672									5.27					0.29								
GRAND TOTAL									24.13			1,968	1	1	6	1.00	1	160	183,170	104,033	162	75
																	287,203					

PROJECT NO.	SHEET NO.
2022CPT.03.05.10671, Etc.	25

THERMOPLASTIC AND PAINT QUANTITIES

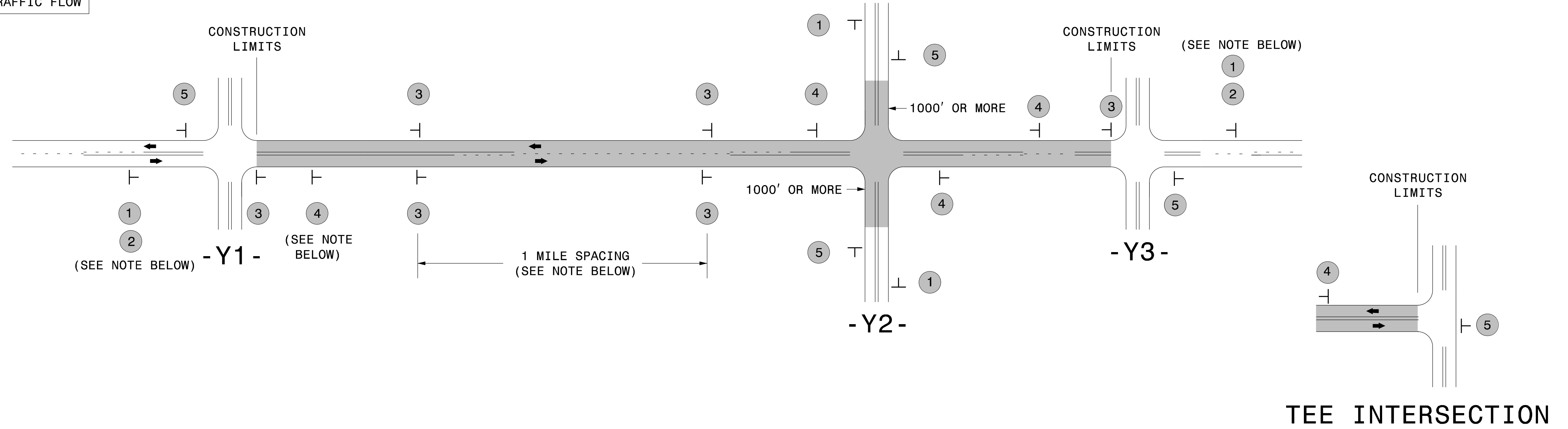
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	4725000000-E					4891000000-E	4895000000-N		4900000000-N		
										THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO LT & RT ARROW 90 M	THERMO STR ARROW 90 M	THERMO STR & LT ARROW 90 M	24" X 90 M WHITE THERMO	NON CAST IRON SNOW PLOWABLE MARKERS (Y/Y)	NON CAST IRON SNOW PLOWABLE MARKERS (C/R)	YELLOW & YELLOW MARKERS		
									MI	FT	EA	EA	EA	EA	EA	EA	EA			
TOTAL FOR MAP NO. 15									0.4											
2022CPT.03.05.20672	Onslow	16	SR 2056 (DUKE COURT)	FROM SR 1484 (SHEFFIELD RD.) TO CUL-DE-SAC [MP 0.01 MP 0.28]	6	2	2WU	0.27	24											
TOTAL FOR MAP NO. 16									0.27											
2022CPT.03.05.20672	Onslow	17	SR 1750 (WALNUT CREEK DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1792 (SHADOW BROOK RD.) [MP 0.02 - MP 0.39]	6	2	2WU	0.37	30											
TOTAL FOR MAP NO. 17									0.37											
2022CPT.03.05.20672	Onslow	18	SR 1751 (WALNUT CREEK COURT)	FROM SR 1750 (WALNUT CREEK DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	6	2	2WU	0.04	30											
TOTAL FOR MAP NO. 18									0.04											
2022CPT.03.05.20672	Onslow	19	SR 1791 (SMALL LEAF COURT/BRIARWOOD COURT)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.14]	6	2	2WU	0.14	28											
TOTAL FOR MAP NO. 19									0.14											
2022CPT.03.05.20672	Onslow	20	SR 1792 (SHADOW BROOK DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.19]	6	2	2WU	0.19	28											
TOTAL FOR MAP NO. 20									0.19											
2022CPT.03.05.20672	Onslow	21	SR 1742 (DEVON COURT)	FROM SR 1485 (STERLING RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.17]	6	2	2WD	0.17	20											
TOTAL FOR MAP NO. 21									0.17											
TOTAL FOR PROJ NO. 2022CPT.03.05.20672									5.27											
GRAND TOTAL									24.13			12	6	1	2	2	56	1,197	43	22
												23				1,240				

SIGNING FOR RESURFACING PROJECTS

LEGEND

┃ STATIONARY SIGN

← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

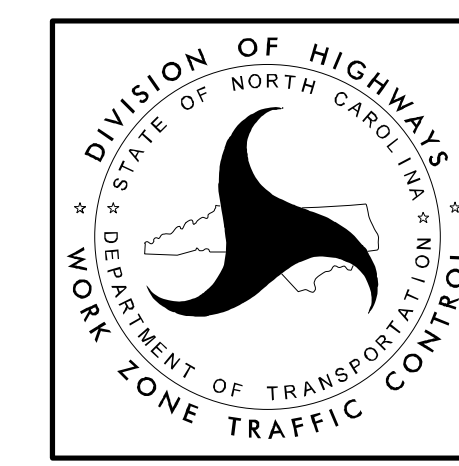
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	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.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> LESS THAN 1000' OF RESURFACING ALONG -Y- LINE SUBDIVISION ROADS DEAD END ROADS <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;"> <small>W20-1 48" X 48"</small> <p>PLACED 500' IN ADVANCE OF FLAGGER.</p> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> <p>PLACED 250' IN ADVANCE OF FLAGGER.</p> </div> </div>
	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>	<ul style="list-style-type: none"> 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>	<ul style="list-style-type: none"> 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.	

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