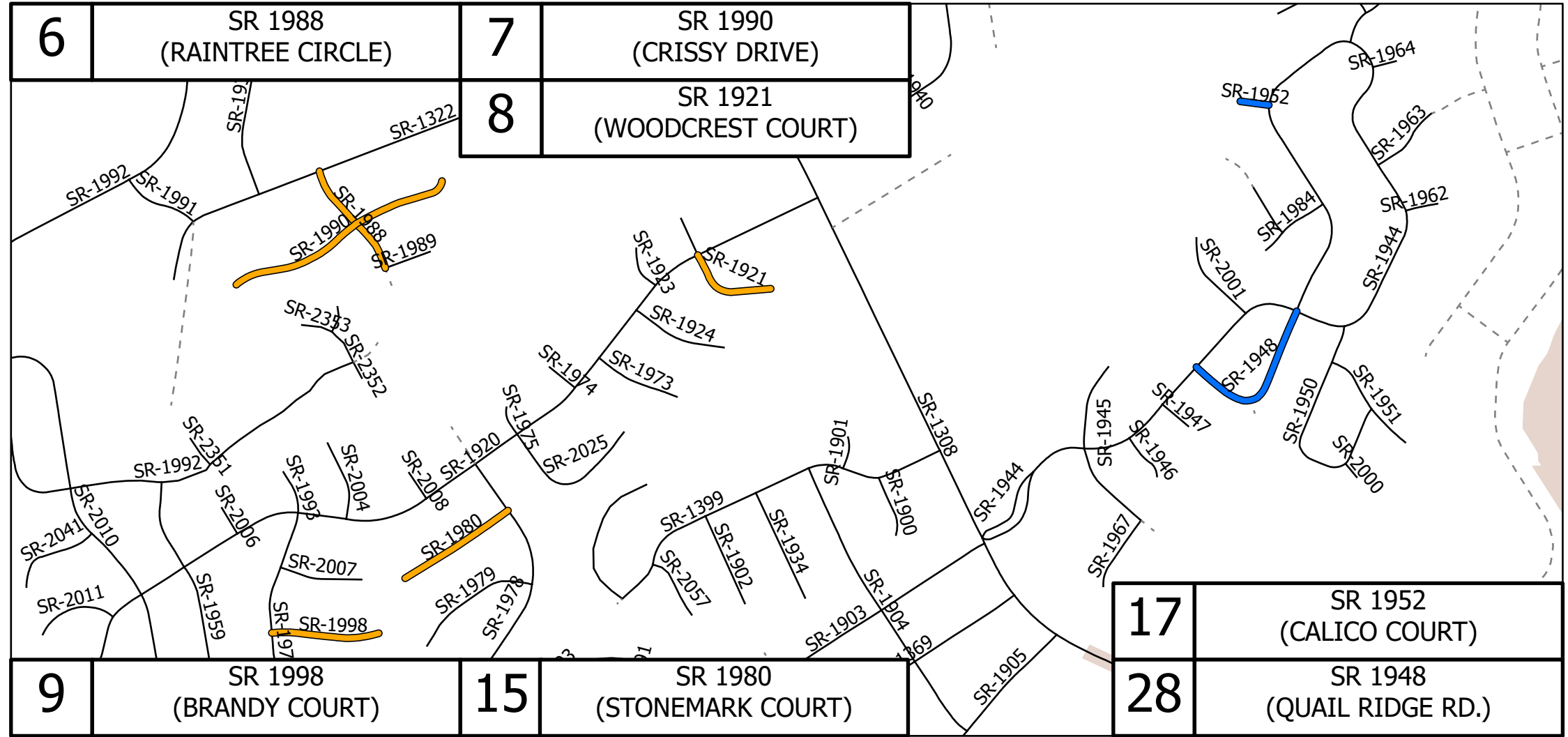
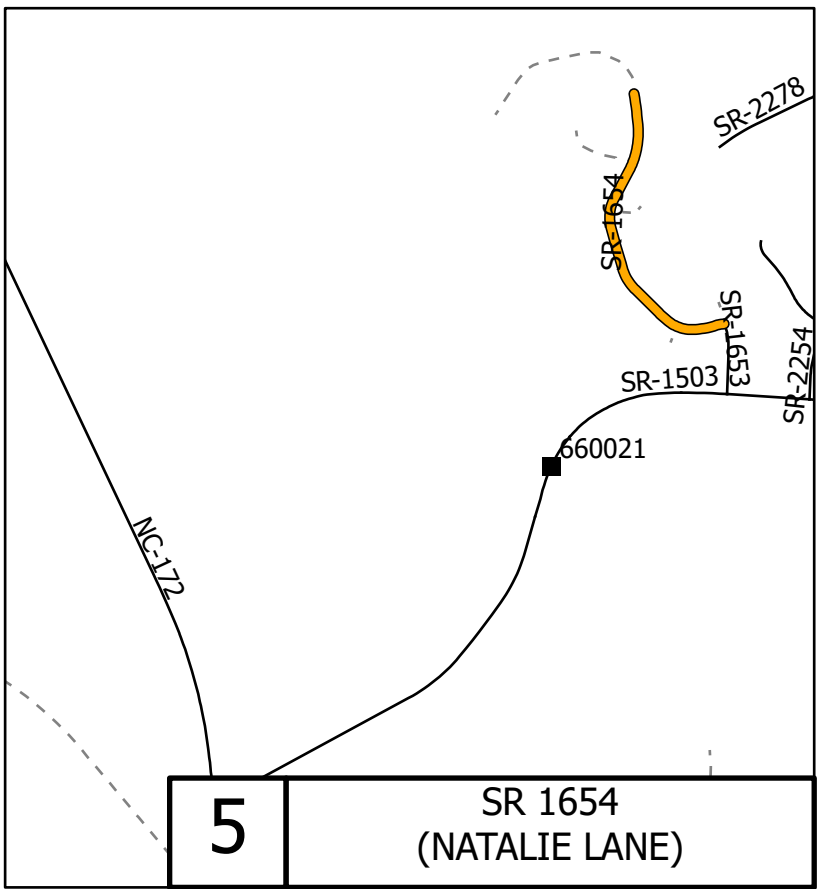
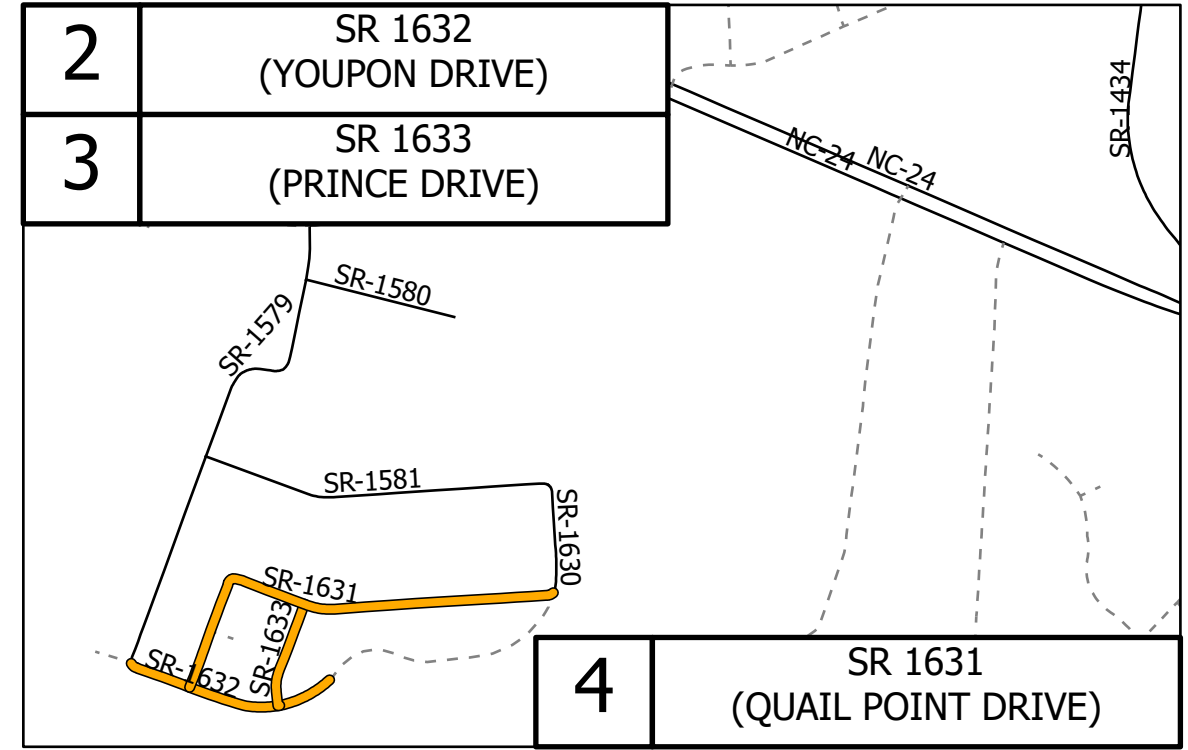
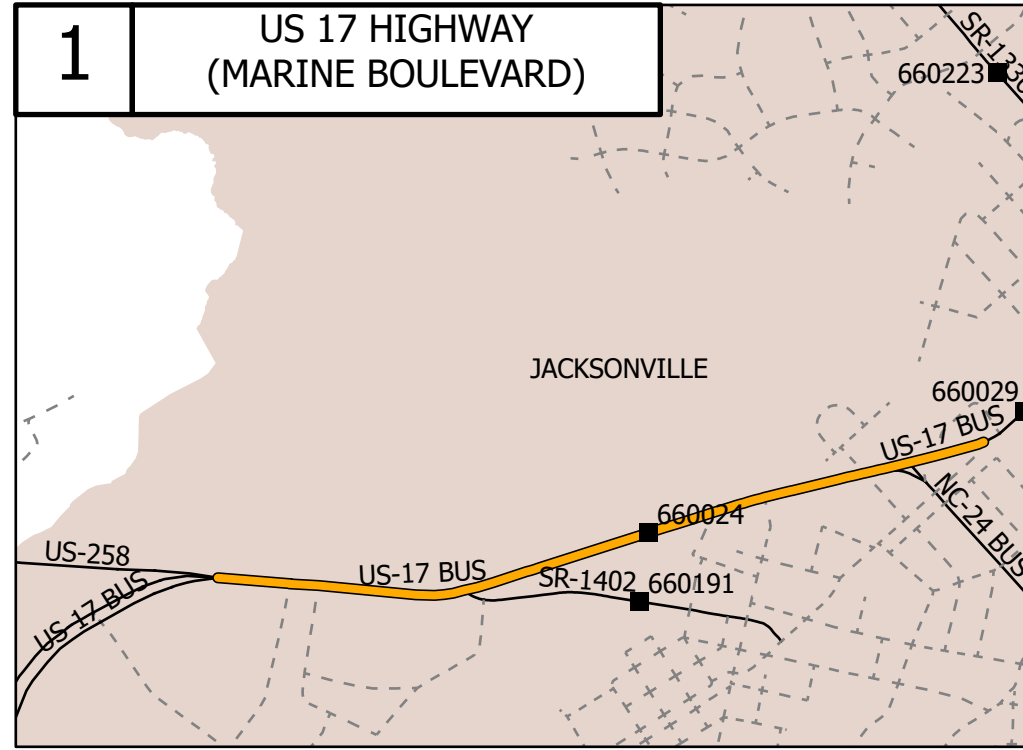
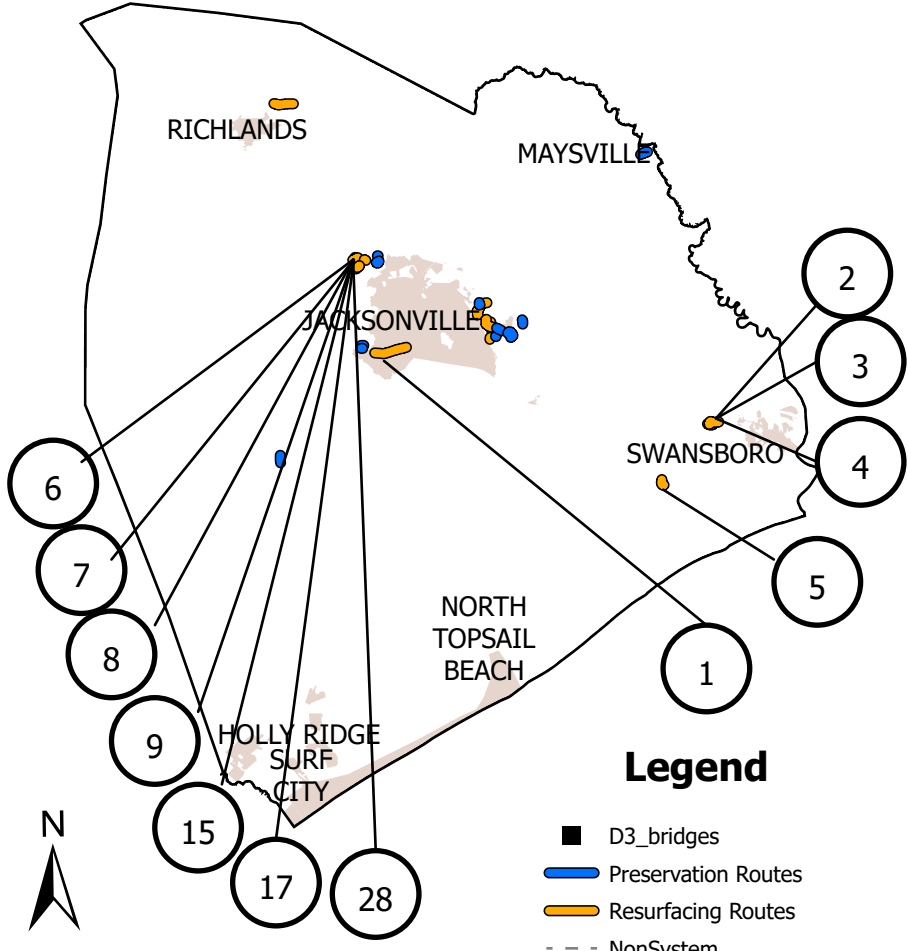
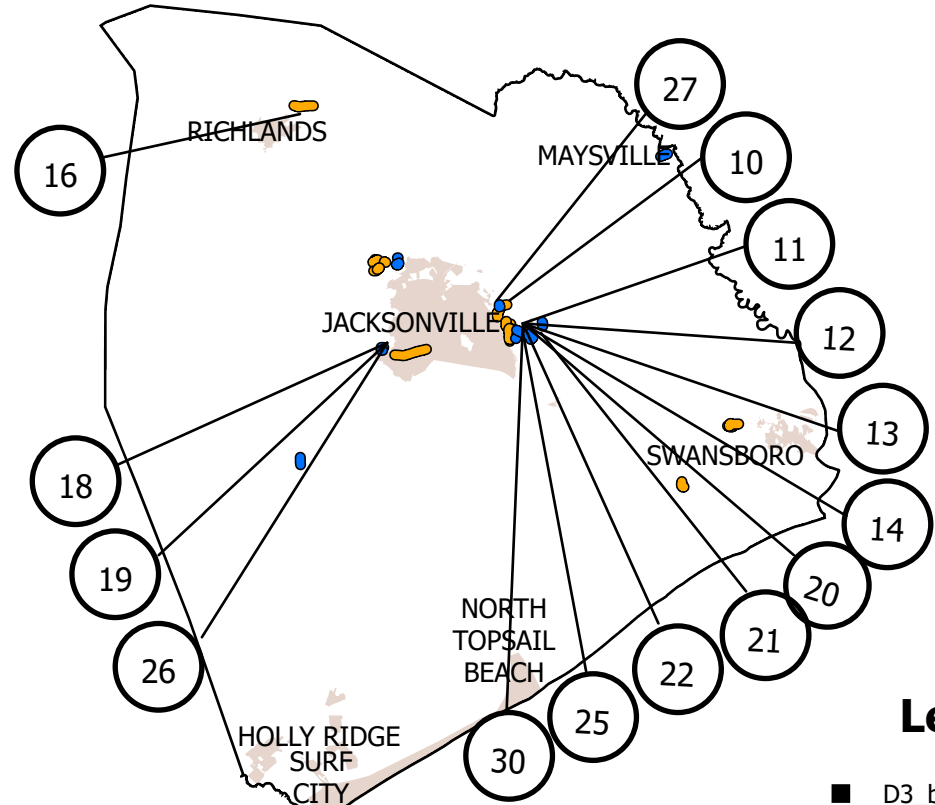


ONSLOW 1-9, 15, 17, 28



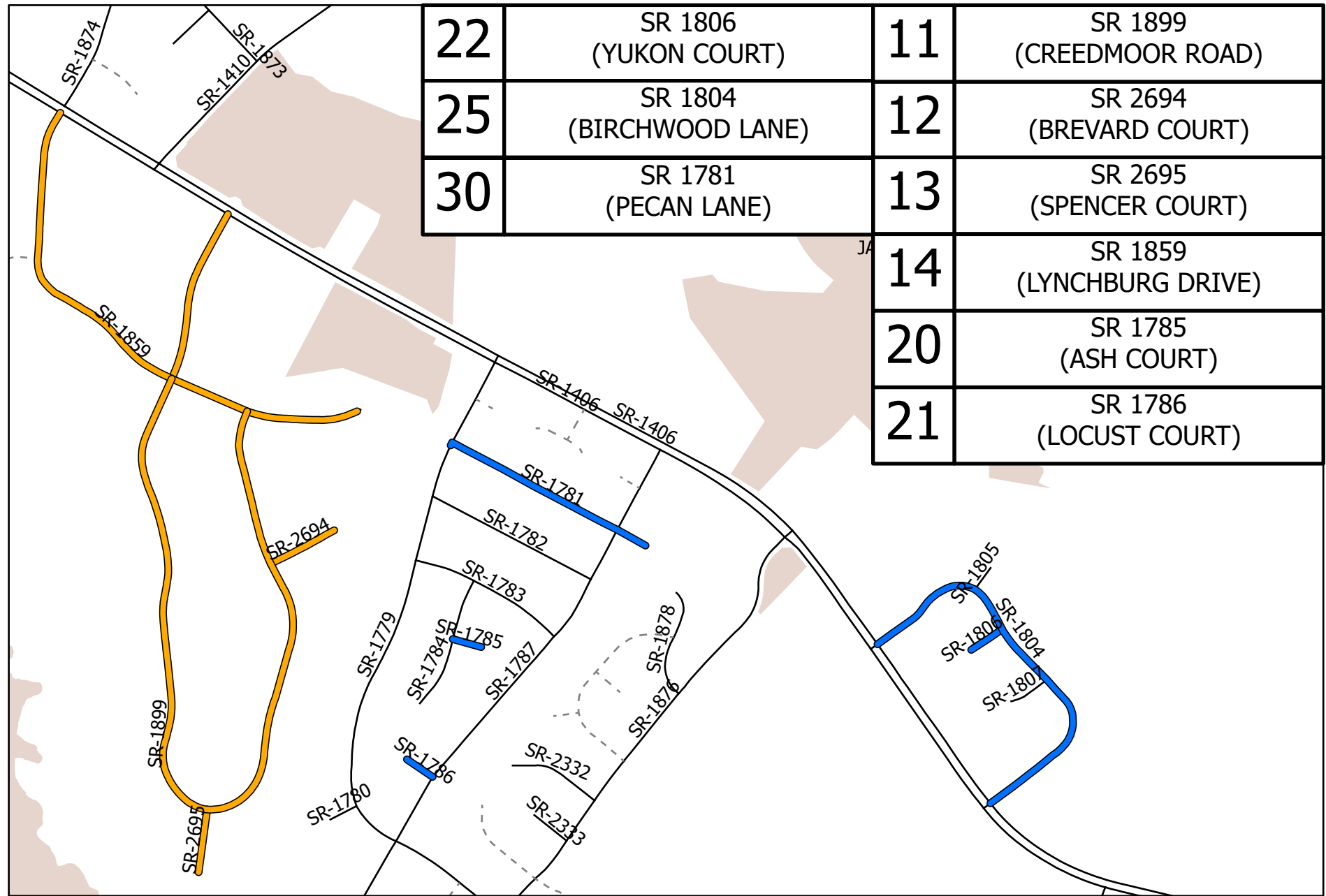
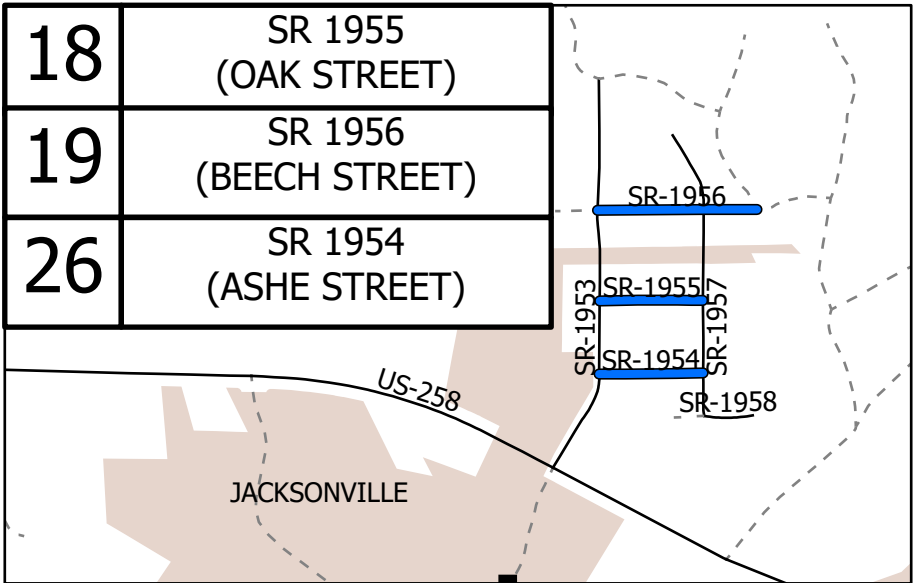
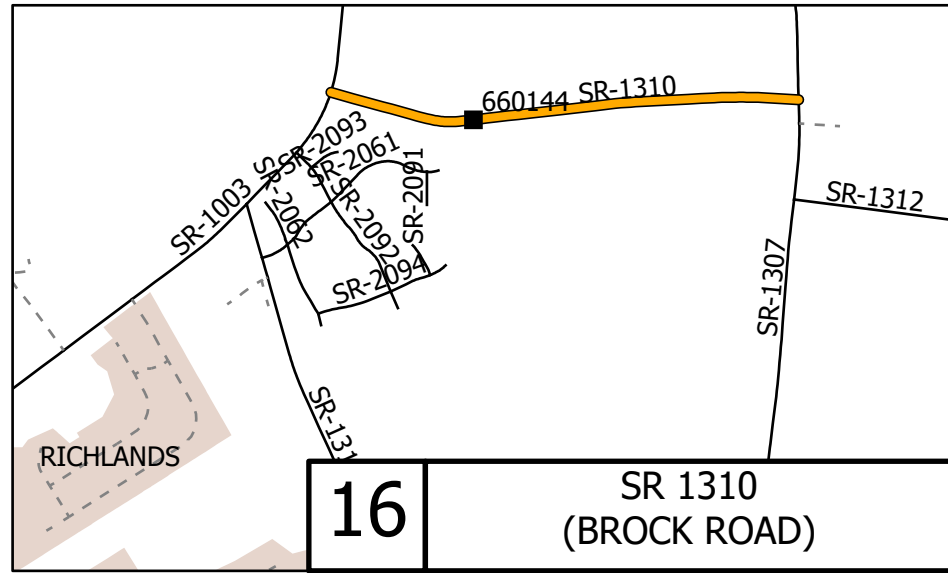
ONSLOW 10-14, 16, 18-22, 25-27, 30

PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.05.10671, ETC.	2



Legend

- D3_bridges
- Preservation Routes
- Resurfacing Routes
- - - NonSystem

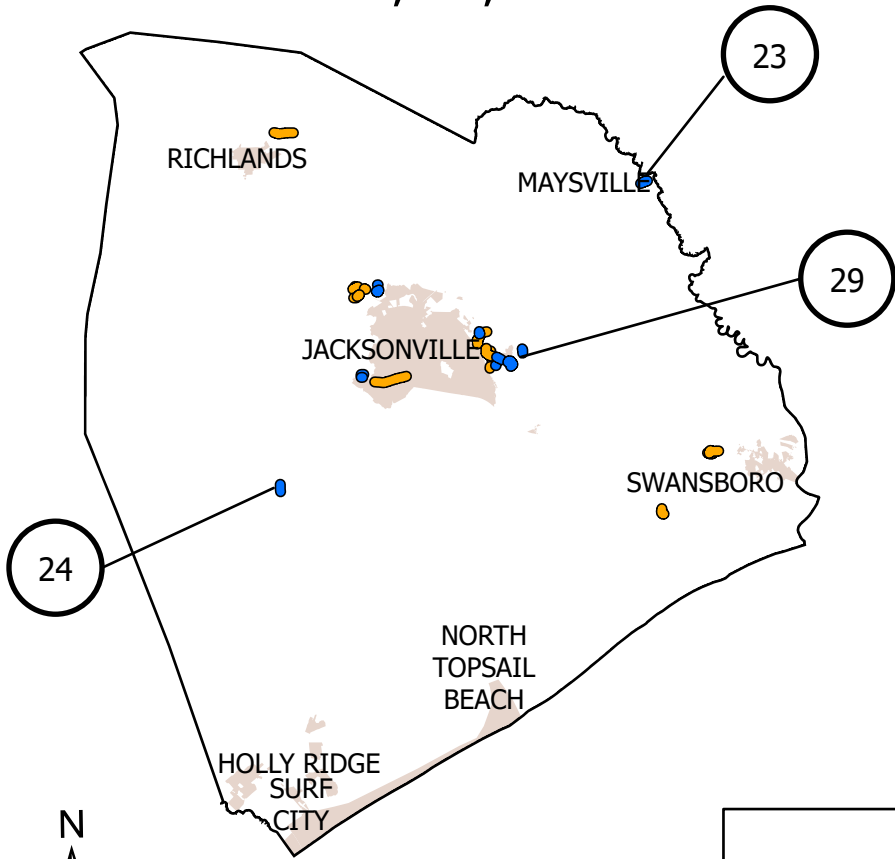


10	SR 1708 (COUNTRY CLUB ROAD)
27	SR 1809 (WINDSOR COURT)

22	SR 1806 (YUKON COURT)	11	SR 1899 (CREEDMOOR ROAD)
25	SR 1804 (BIRCHWOOD LANE)	12	SR 2694 (BREVARD COURT)
30	SR 1781 (PECAN LANE)	13	SR 2695 (SPENCER COURT)
		14	SR 1859 (LYNCHBURG DRIVE)
		20	SR 1785 (ASH COURT)
		21	SR 1786 (LOCUST COURT)

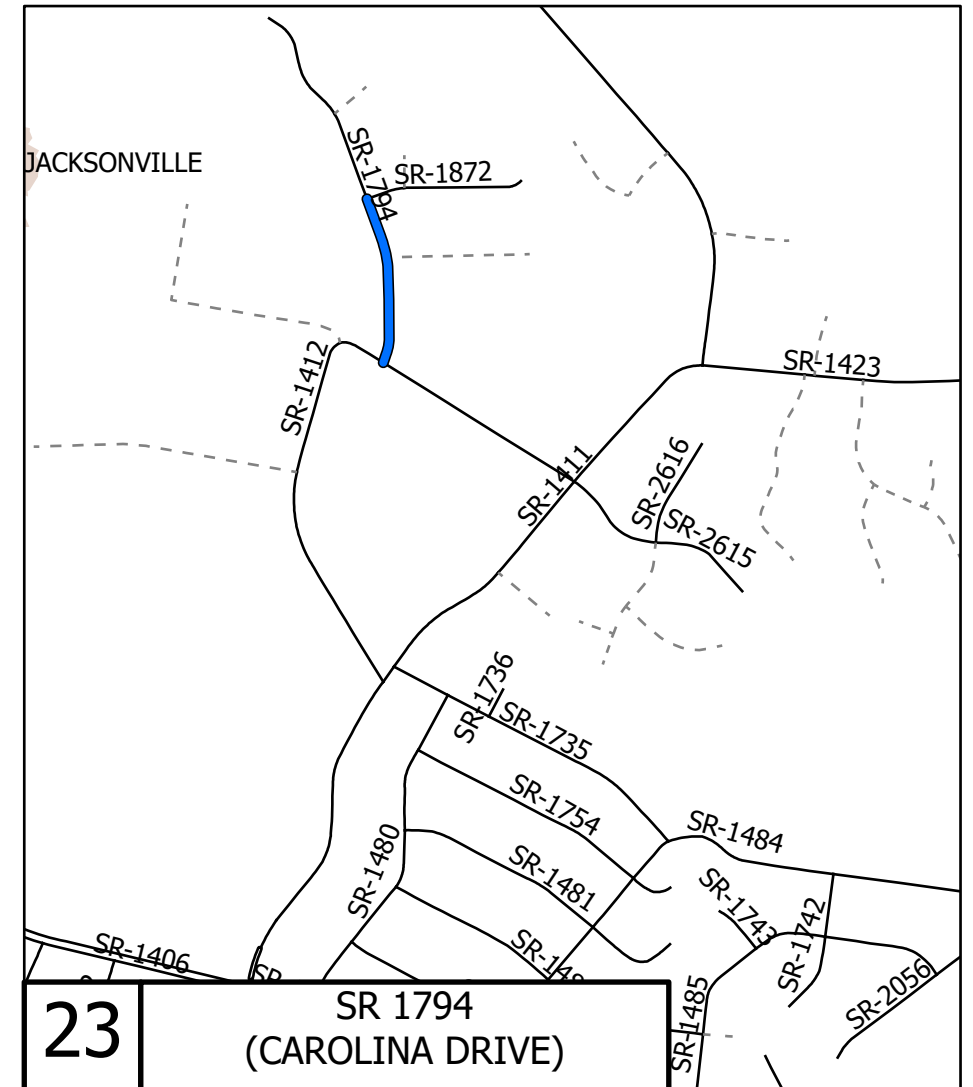
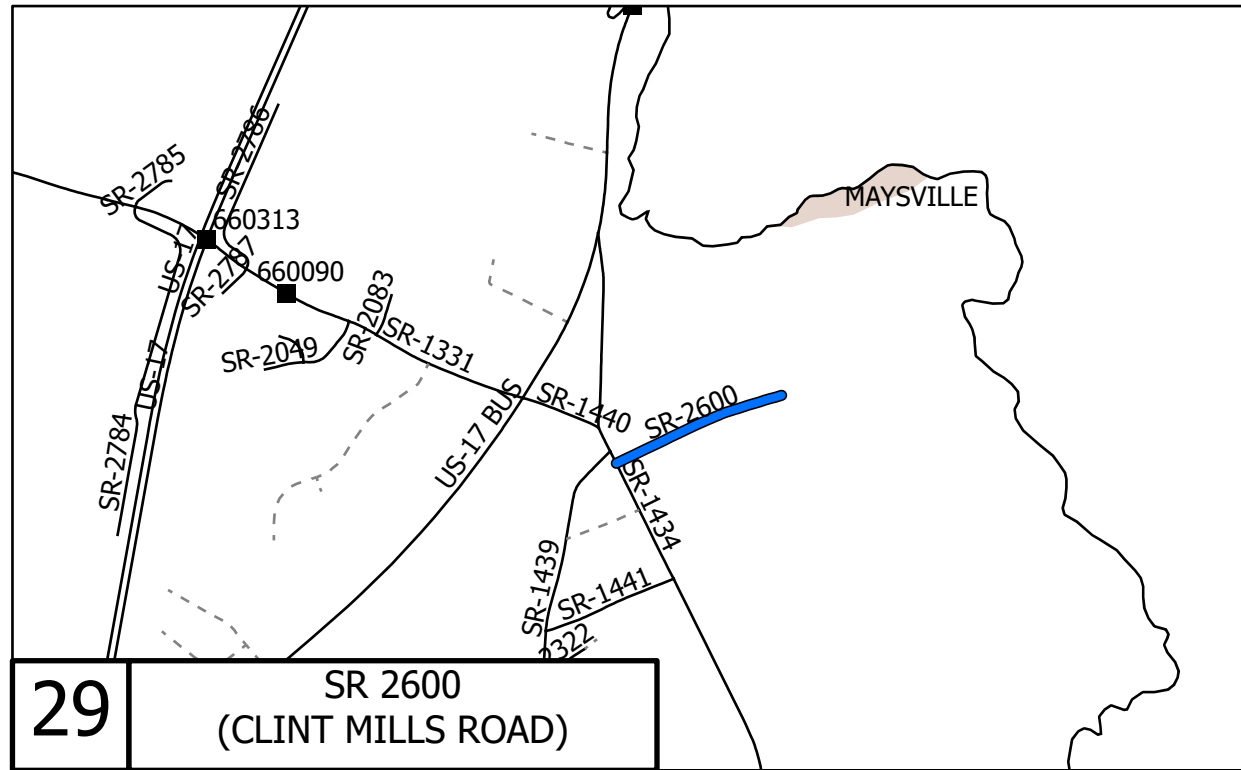
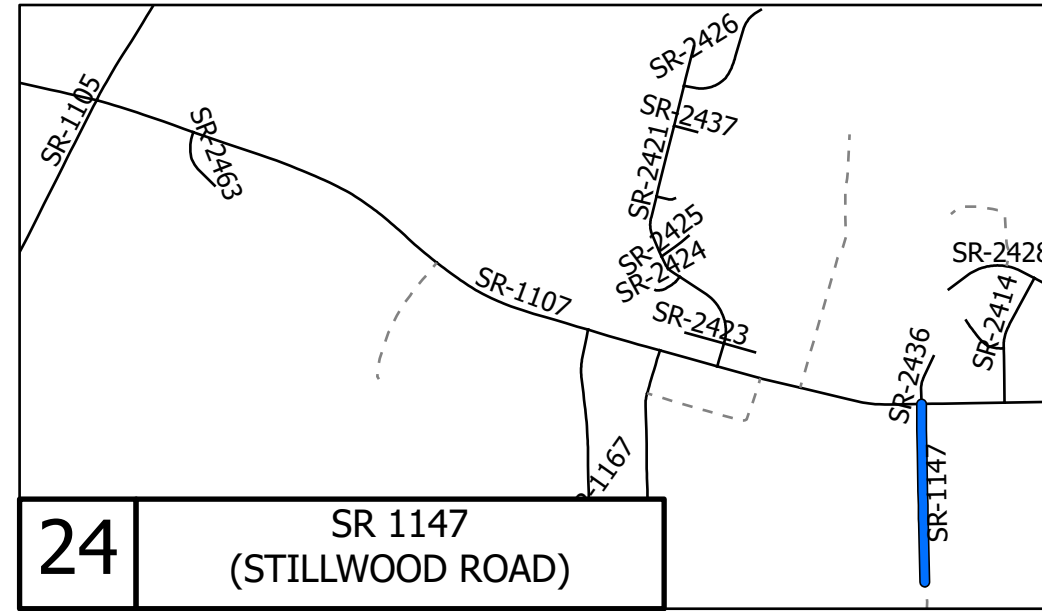
ONSLOW 23, 24, 29

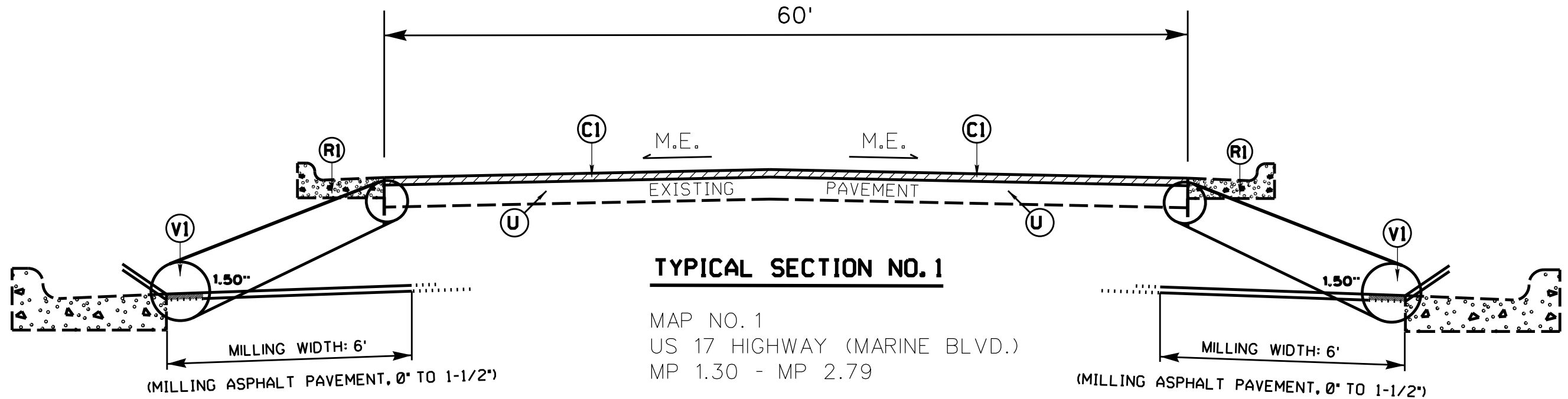
PROJECT REFERENCE NO.	SHEET NO.
2023CPT.03.05.10671, ETC.	3



Legend

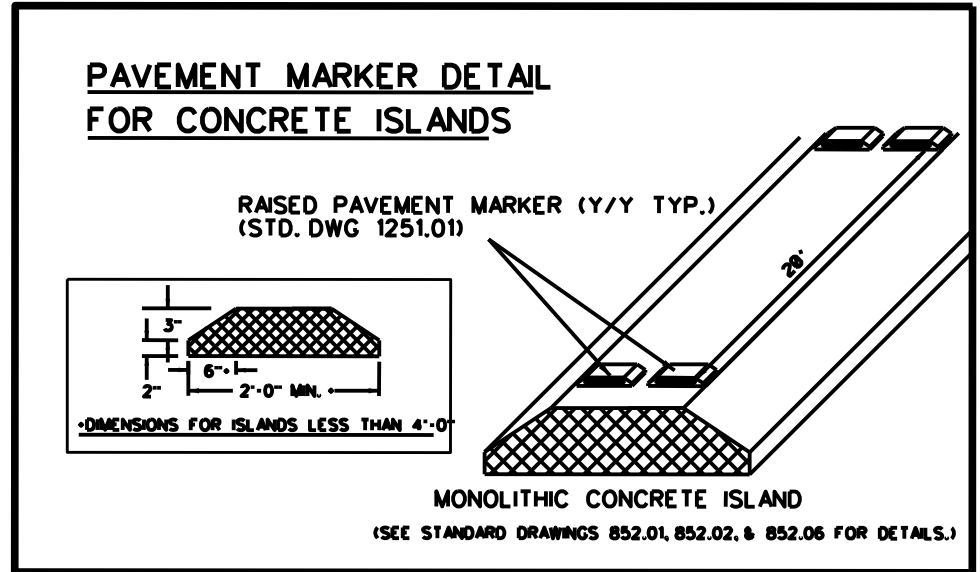
- D3_bridges
- ▬ Preservation Routes
- ▬ Resurfacing Routes
- - - NonSystem





REVISIONS

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 S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD.
C4	PROP. APPROX. 2" DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S4.75A, AT AN AVERAGE RATE OF 110 LBS. PER SQ.YD. IN EACH OF TWO LAYERS
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 1'-6" CURB & GUTTER
T1	EARTH MATERIAL (SHOULDER RECONSTRUCTION)
U	EXISTING PAVEMENT
V1	VARIABLE MILLING 0" TO 1.5" DEPTH



EFF.01-16-2018 REV.

2018 ROADWAY ENGLISH STANDARD DRAWINGS

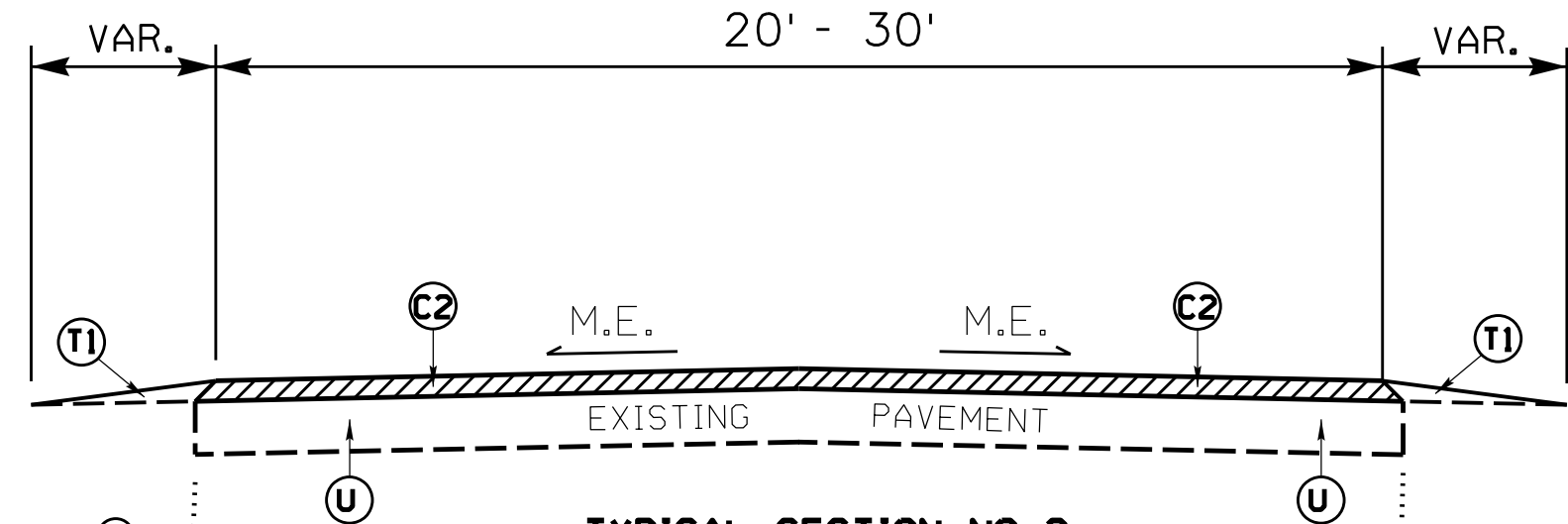
The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N.C. Department of Transportation - Raleigh, N.C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 8 - INCIDENTALS	
846.01	Concrete Curb, Gutter and Curb & Gutter
848.01	Concrete Sidewalk
848.05	Curb Ramp - Proposed Curb & Gutter
848.06	Curb Ramp - Existing Curb & Gutter
DIVISION 12 - PVMT MARKING, MARKERS AND DELINEATION	
1205.08	Pavement Markings - Symbols & Word Messages

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

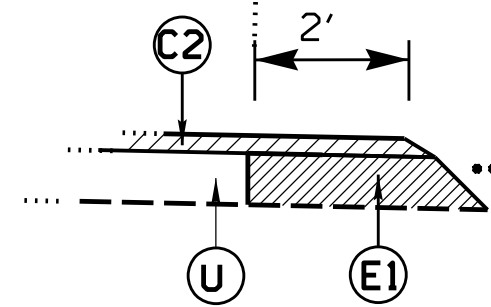
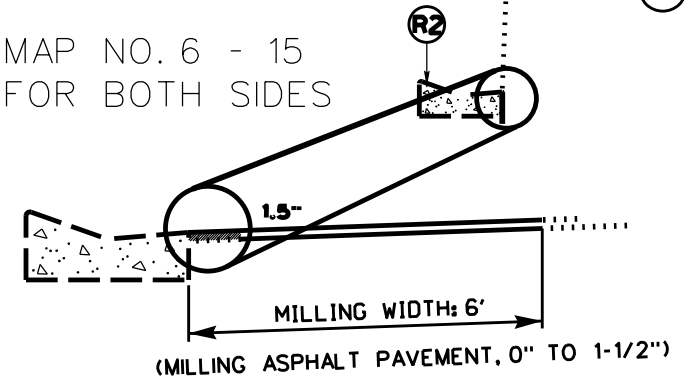
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 \$\$\$ADJGN\$\$\$\$
 \$\$\$LNSENAME\$\$\$\$



TYPICAL SECTION NO. 2

PAVEMENT SCHEDULE	
C2	1½" S9.5B
E1	5" B25.0C
R2	1'-6" CURB & GUTTER
T1	EARTH MATERIAL SHOULDER RECONST.
U	EXISTING PAVEMENT

MAP NO. 6 - 15 FOR BOTH SIDES



MAP 16 - SR 1310 (BROCK RD.)
2' SPIRAL WIDENING BOTH SIDES

NOTE: STATE FORCES WILL MARK SPIRAL WIDENING LOCATIONS

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

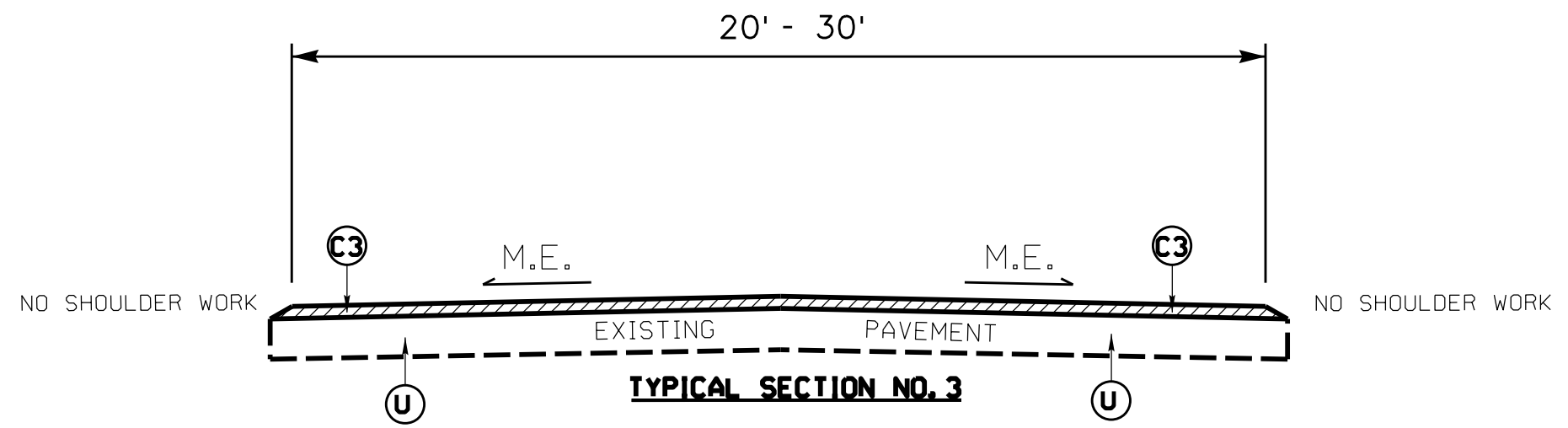
NOTES: SHOULDER WORK ON MAP NO. 2 - 5, 14, 16 AS NEEDED, TO BE DETERMINED BY ENGINEER.

REVISIONS

- | | | |
|--|--|---|
| MAP NO. 2
SR 1632 (YOUPON DR.)
MP 0.00 - MP 0.27 | MAP NO. 3
SR 1633 (PRINCE DR.)
MP 0.00 - MP 0.13 | MAP NO. 4
SR 1631 (QUAIL POINT DR.)
MP 0.00 - MP 0.54 |
| MAP NO. 5
SR 1654 (NATALIE LN.)
MP 0.00 - MP 0.33 | MAP NO. 6
SR 1988 (RAINTREE CIR.)
MP 0.00 - MP 0.13 | MAP NO. 7
SR 1990 (CRISSY DR.)
MP 0.00 - MP 0.25 |
| MAP NO. 8
SR 1921 (WOODCREST CT.)
MP 0.00 - MP 0.10 | MAP NO. 9
SR 1998 (BRANDY CT.)
MP 0.00 - MP 0.11 | MAP NO. 10
SR 1708 (COUNTRY CLUB RD.)
MP 0.07 - MP 0.80 |
| MAP NO. 11
SR 1899 (CREEDMOOR RD.)
MP 0.00 - MP 1.28 | MAP NO. 12
SR 2694 (BREVARD CT.)
MP 0.00 - MP 0.08 | MAP NO. 13
SR 2695 (SPENCER CT.)
MP 0.00 - MP 0.07 |
| MAP NO. 14
SR 1859 (LYNCHBURG DR.)
MP 0.00 - MP 0.60 | MAP NO. 15
SR 1980 (STONEMARK CT.)
MP 0.00 - MP 0.13 | MAP NO. 16
SR 1310 (BROCK RD.)
MP 0.00 - MP 0.89 |

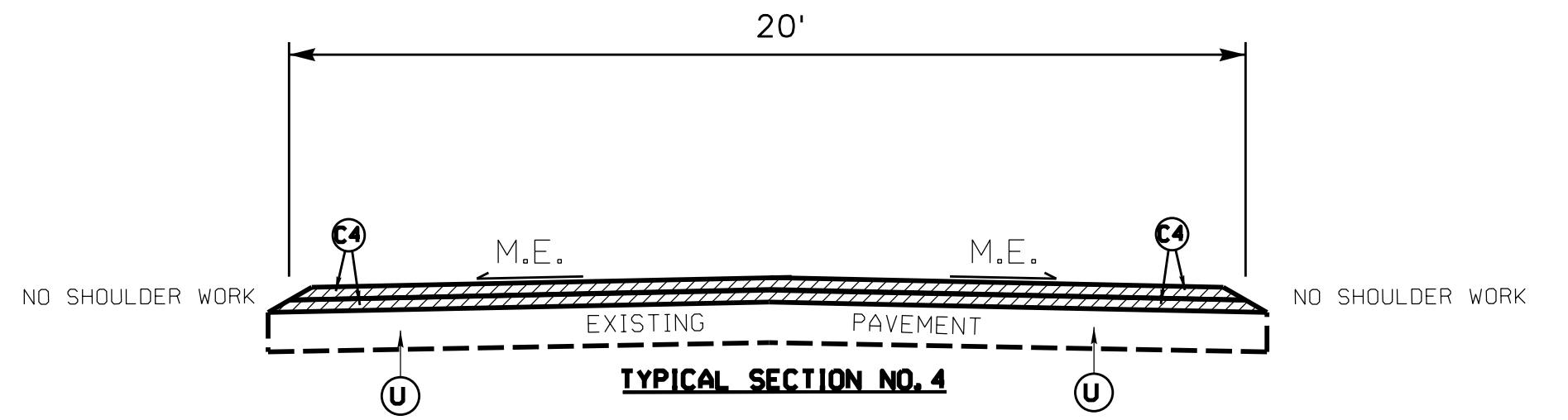
8/17/99
 SYSTEMS DESIGN
 NAME

PAVEMENT SCHEDULE	
C3	1" S4.75A
C4	2" S4.75A
U	EXISTING PAVEMENT



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

- | | | |
|--|--|--|
| MAP NO. 17
SR 1952 (CALICO CT.)
MP 0.00 - MP 0.03 | MAP NO. 18
SR 1955 (OAK STREET)
MP 0.00 - MP 0.08 | MAP NO. 19
SR 1956 (BEECH STREET)
MP 0.00 - MP 0.12 |
| MAP NO. 26
SR 1954 (ASHE ST.)
MP 0.00 - MP 0.08 | MAP NO. 27
SR 1809 (WINDSOR CT.)
MP 0.00 - MP 0.12 | MAP NO. 28
SR 1948 (QUAIL RIDGE RD.)
MP 0.00 - MP 0.19 |
| MAP NO. 29
SR 2600 (CLINT MILLS RD.)
MP 0.00 - MP 0.34 | MAP NO. 30
SR 1781 (PECAN LN.)
MP 0.00 - MP 0.25 | |



- MAP NO. 24
SR 1147 (STILLWOOD RD.)
MP 0.00 - MP 0.10

MILL PATCH ONLY:

- | | | |
|--|---|--|
| MAP NO. 20
SR 1785 (ASH CT.)
MP 0.00 - MP 0.04 | MAP NO. 21
SR 1786 (LOCUST CT.)
MP 0.00 - MP 0.04 | |
| MAP NO. 22
SR 1806 (YUKON CT.)
MP 0.00 - MP 0.04 | MAP NO. 23
SR 1794 (CAROLINA DR.)
MP 0.00 - MP 0.20 | MAP NO. 25
SR 1804 (BIRCHWOOD LN.)
MP 0.00 - MP 0.48 |

REVISIONS

8/17/99

\$\$\$\$\$SYTIME\$\$\$\$\$
\$\$\$\$\$DESIGN\$\$\$\$\$
\$\$\$\$\$NAME\$\$\$\$\$

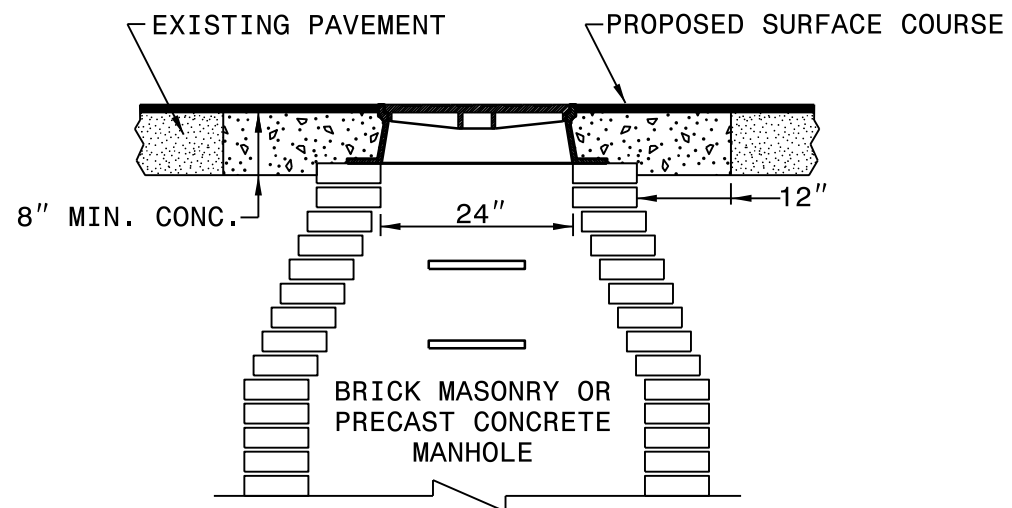
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

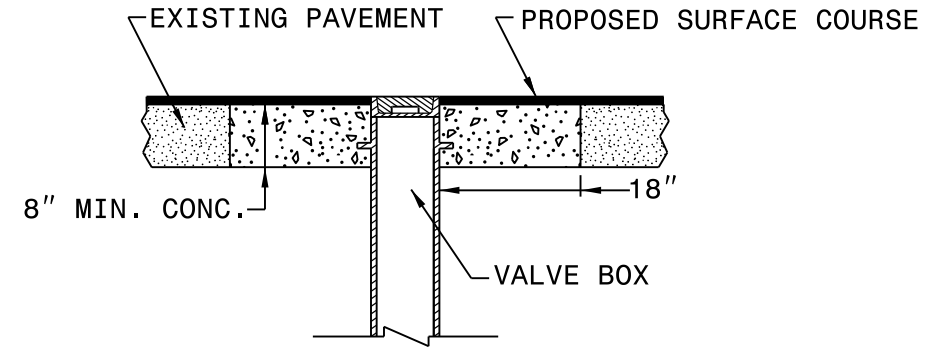
SHEET 1 OF 1
840D55

GENERAL NOTES:

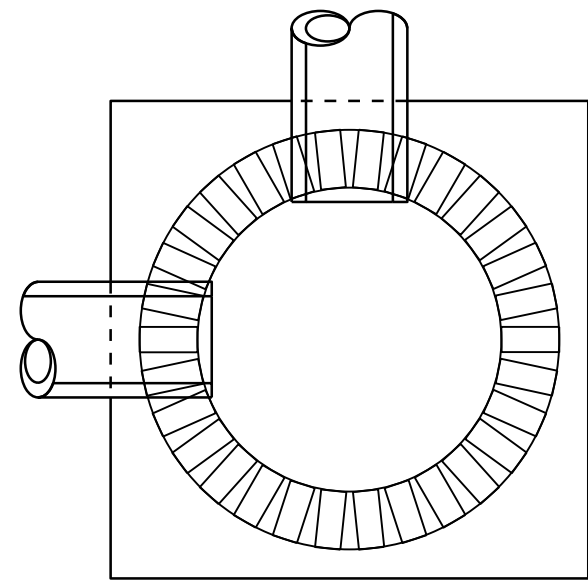
1. USE RAPID SET GROUT, MORTAR, OR CONCRETE THAT WILL TAKE FULL SET AND BECOME LOAD BEARING WITHIN SIXTY MINUTES OF PLACEMENT WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI.
2. REMOVE ALL FAULTY EXISTING BRICKWORK AND REPLACE WITH NEW BRICK MASONRY.
3. SHEER CUT EXCAVATION FOR THE ADJUSTMENT ON ALL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

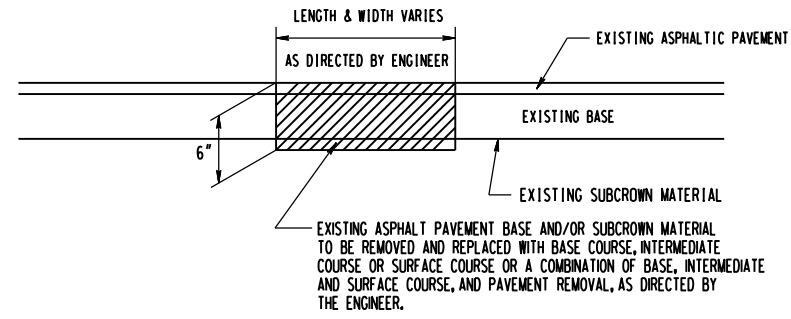
ENGLISH DETAIL DRAWING FOR
MANHOLE AND VALVE BOX ADJUSTMENTS

SHEET 1 OF 1
840D55

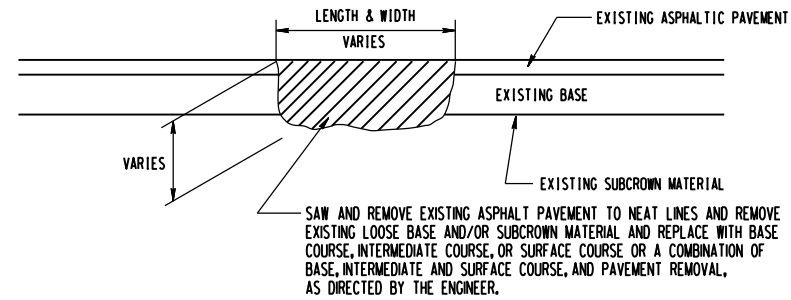
REVISIONS

28-NOV-2017 10:49
S:\Division Resurfacing\z Design Standards & Specifications\Drawings\Tutorials_Curb, Etc.dwg
8/17/99

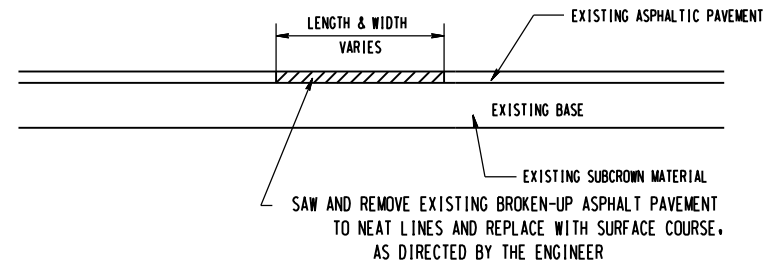
DETAILS OF REPAIRING EXISTING PAVEMENT PRIOR TO RESURFACING FOR FULL DEPTH AND MILLING



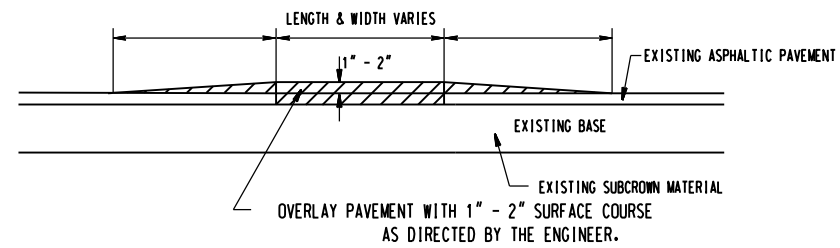
DETAIL NO. 1



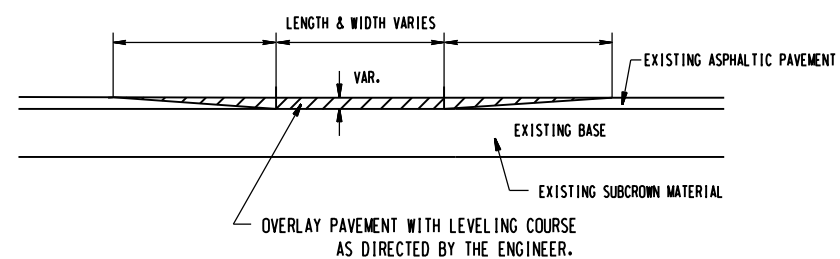
DETAIL NO. 2



DETAIL NO. 3



DETAIL NO. 4

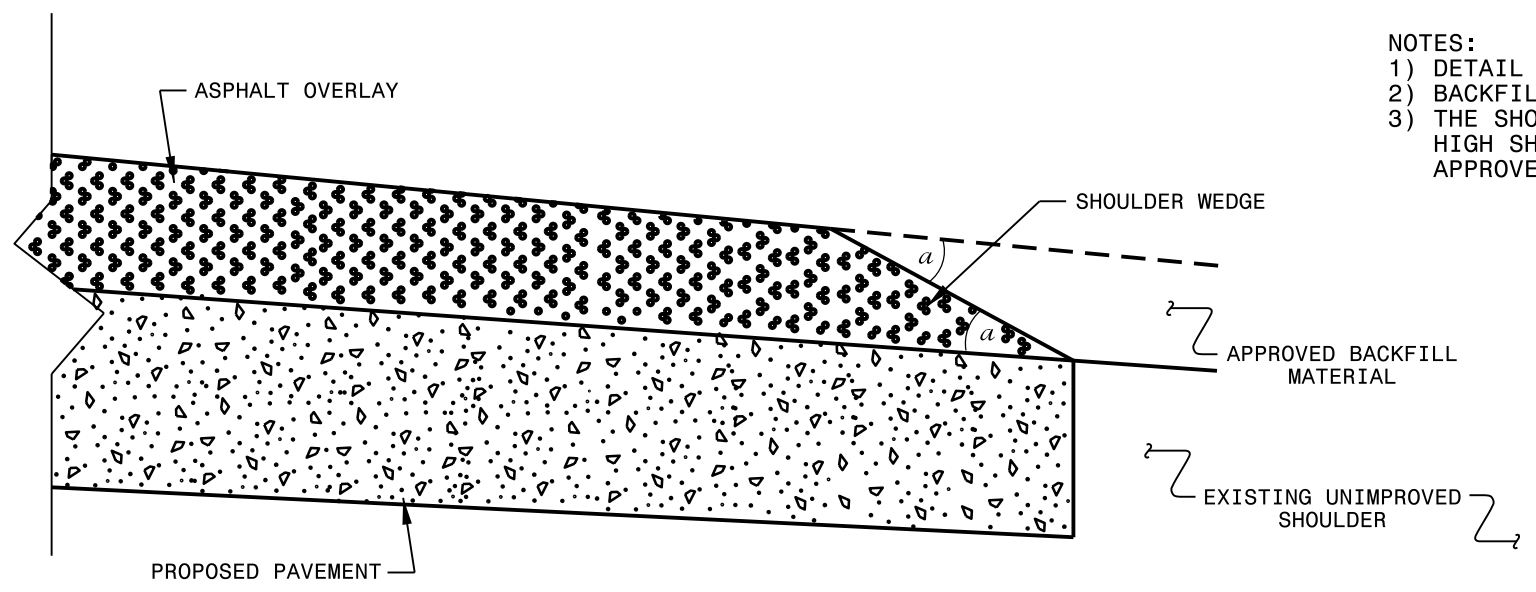


DETAIL NO. 5

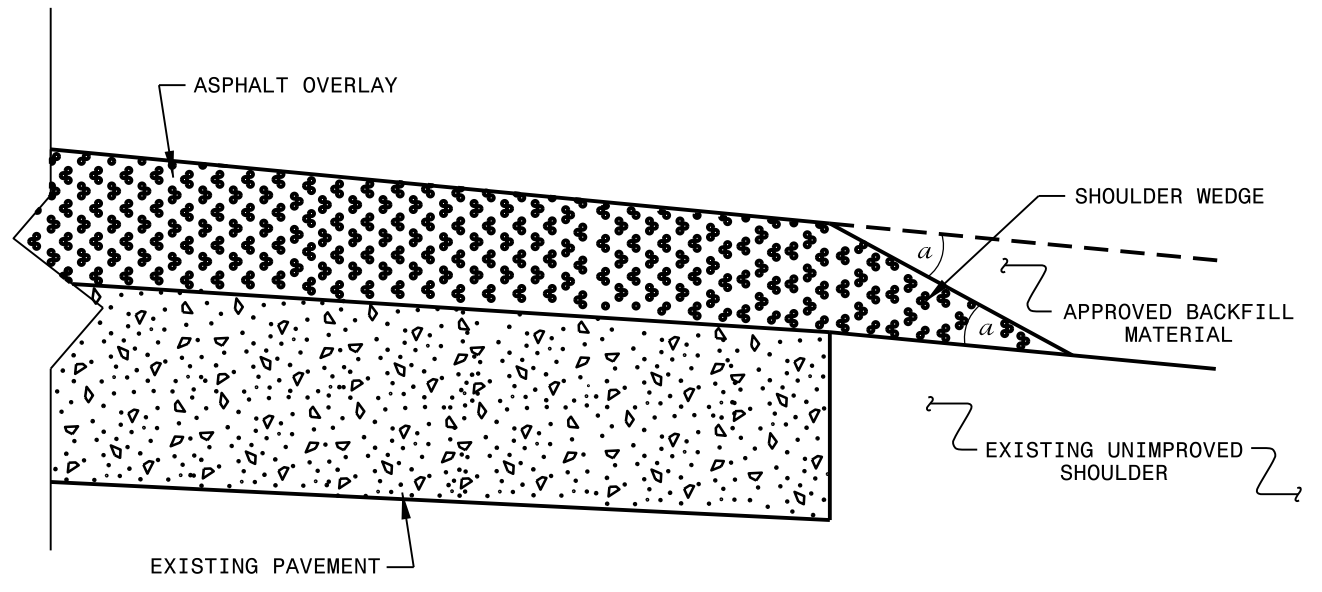
REVISIONS

20-APP-2015-1156
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 \$\$\$SYSTRAN\$\$\$

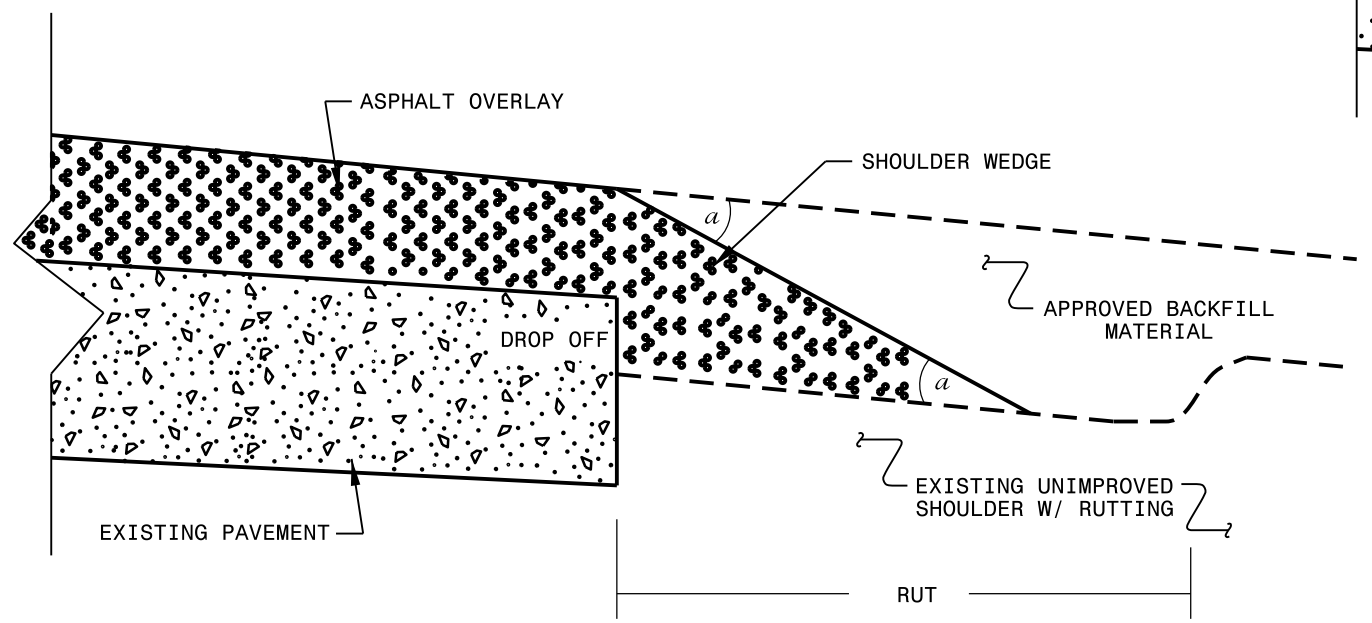
- NOTES:
- 1) DETAIL DOES NOT APPLY TO OGAFC AND ULTRA-THIN BONDED WEARING COURSE.
 - 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 - 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



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



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)

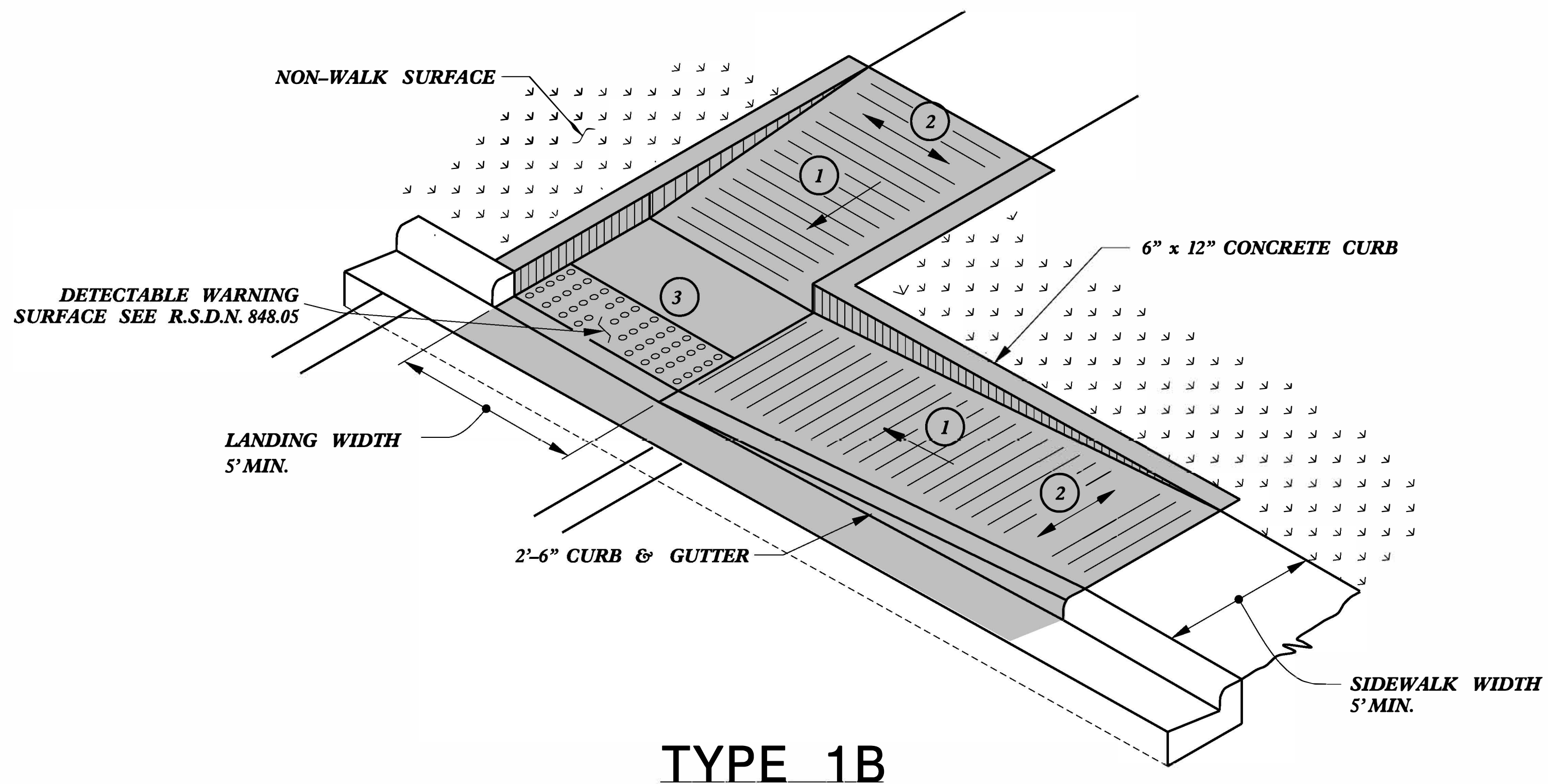


SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

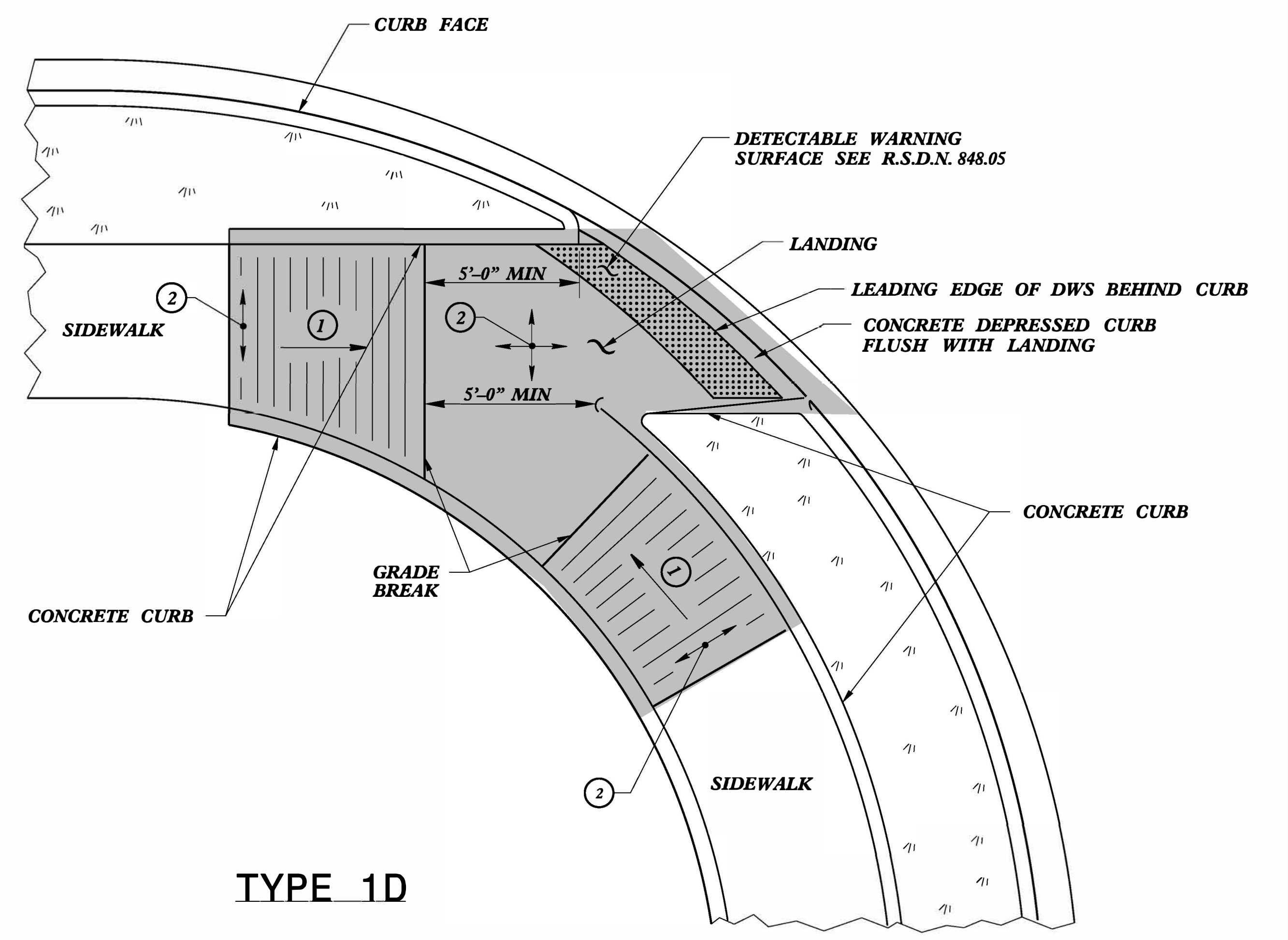
- SHOULDER WEDGE ANGLE = 30°

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			

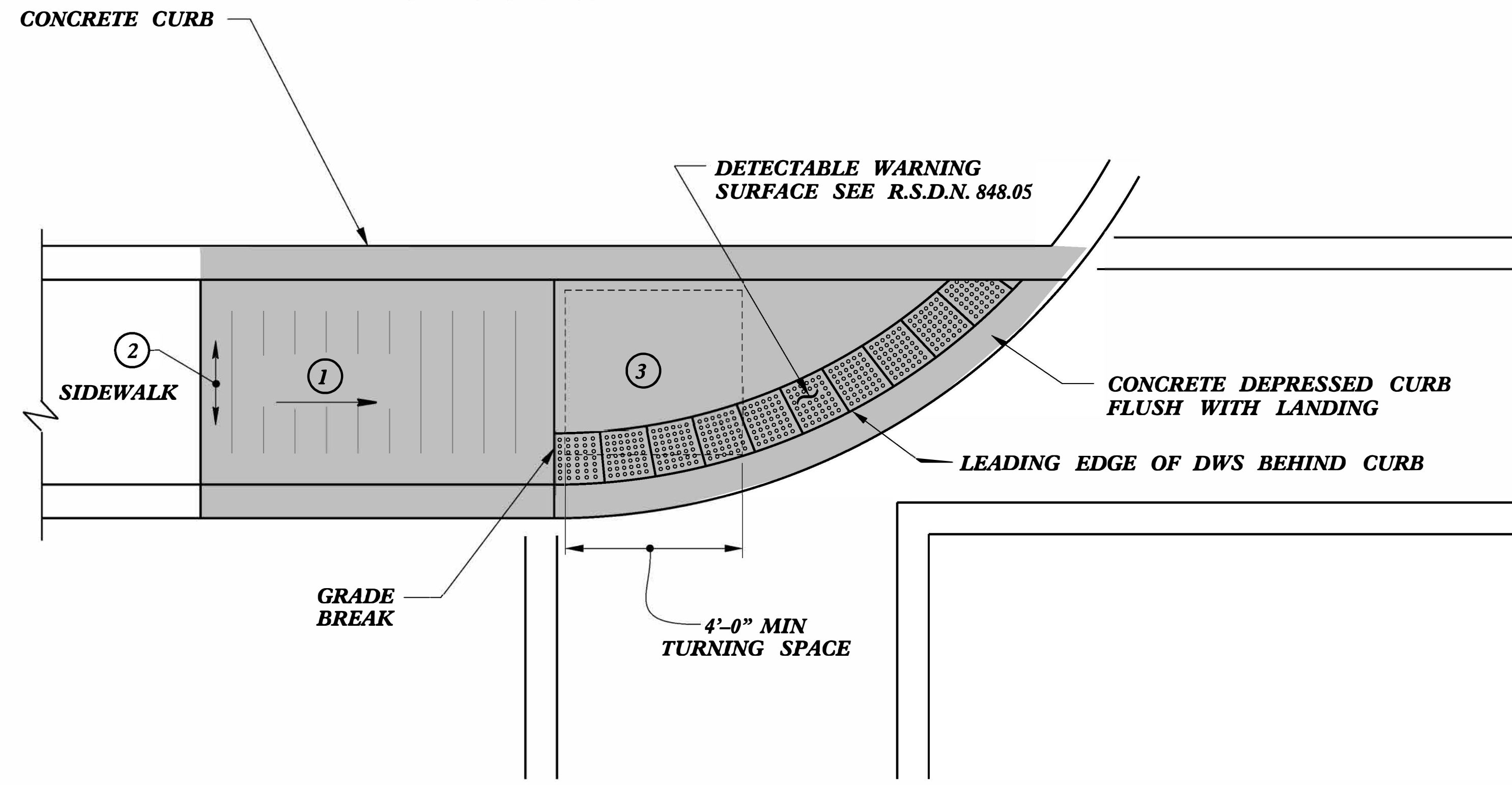
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 P:\porter_41_CSD_2018_05_25



TYPE 1B



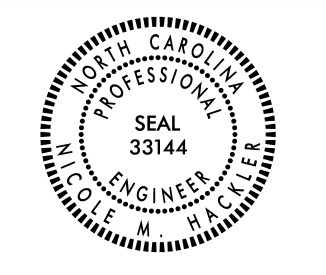
TYPE 1D



TYPE 1C

- 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.

PAY LIMITS FOR 1 CURB RAMP



DocuSigned by:
Nicole M. Hecker
58842323416425

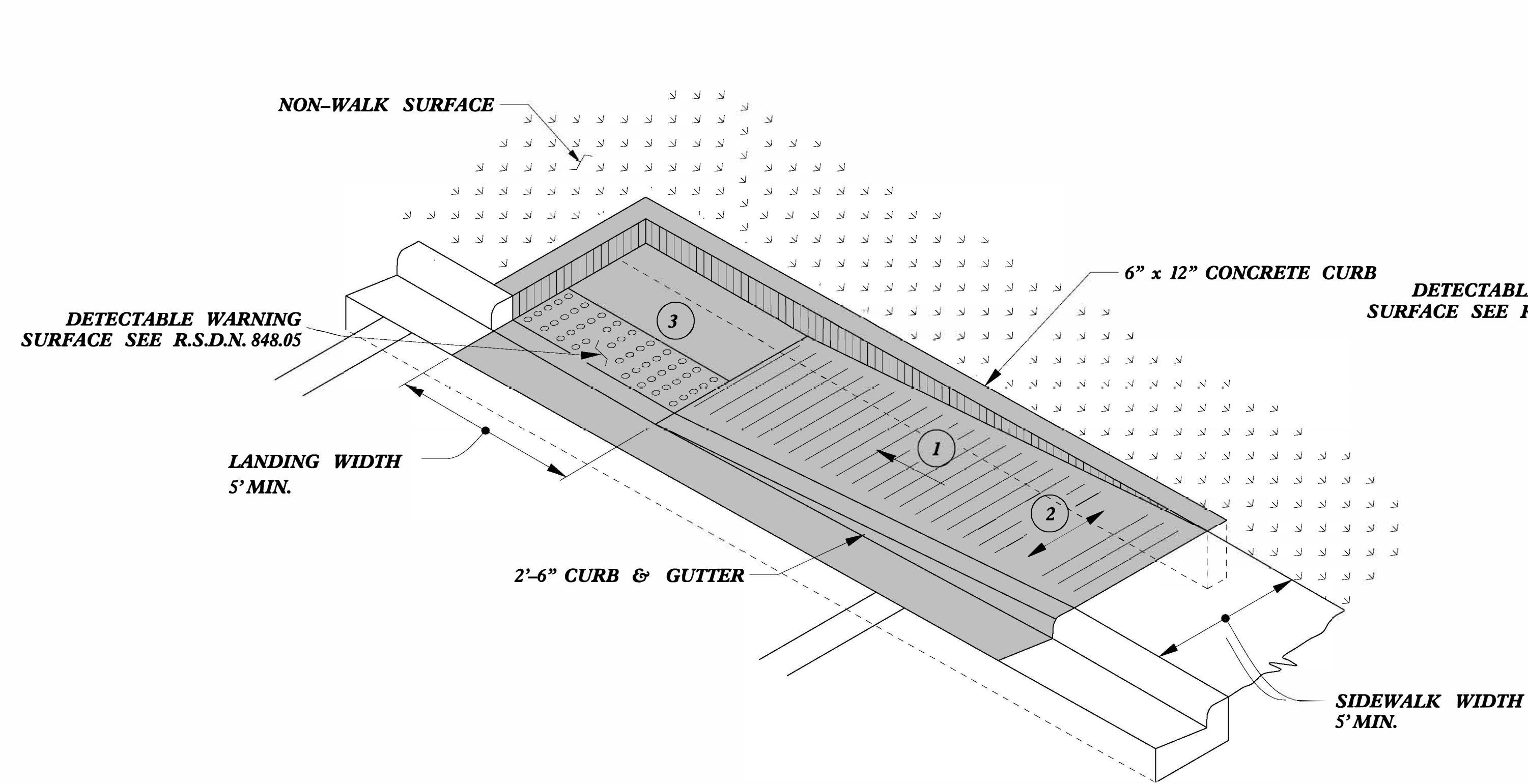
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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	

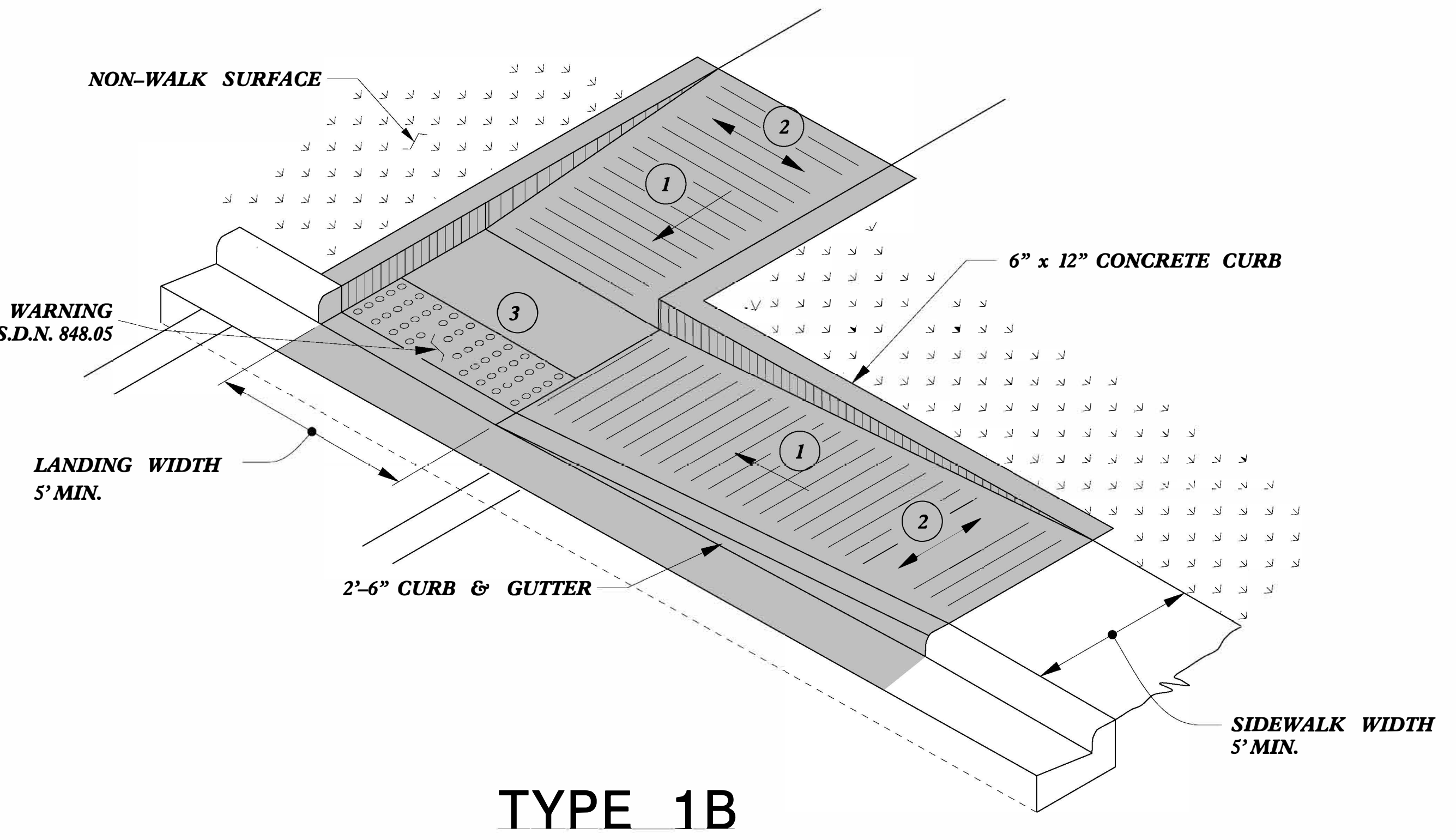
REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

5/14/99 SYSTEMS DESIGN SERVICES

5/14/99



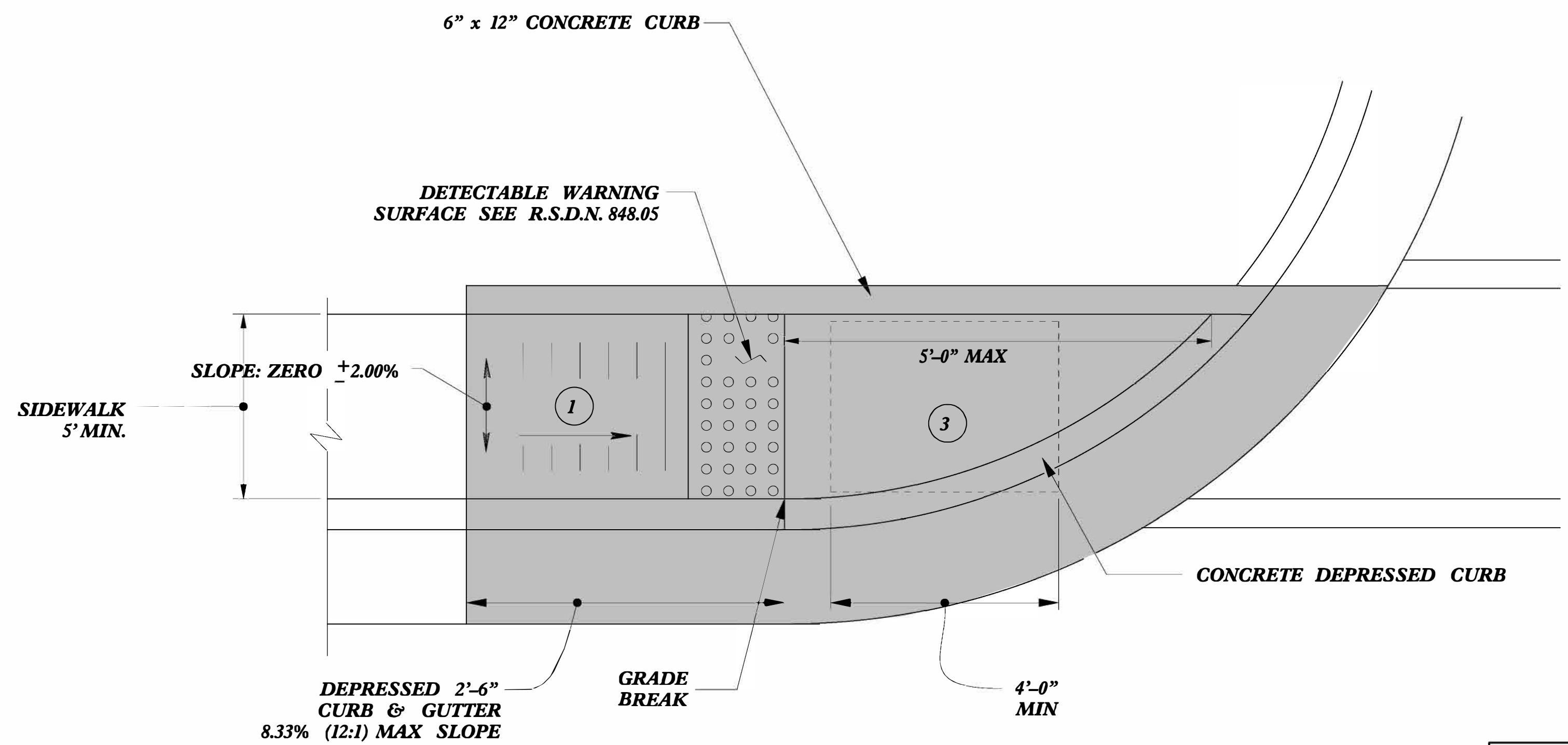
TYPE 1A



TYPE 1B

 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 1

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED


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

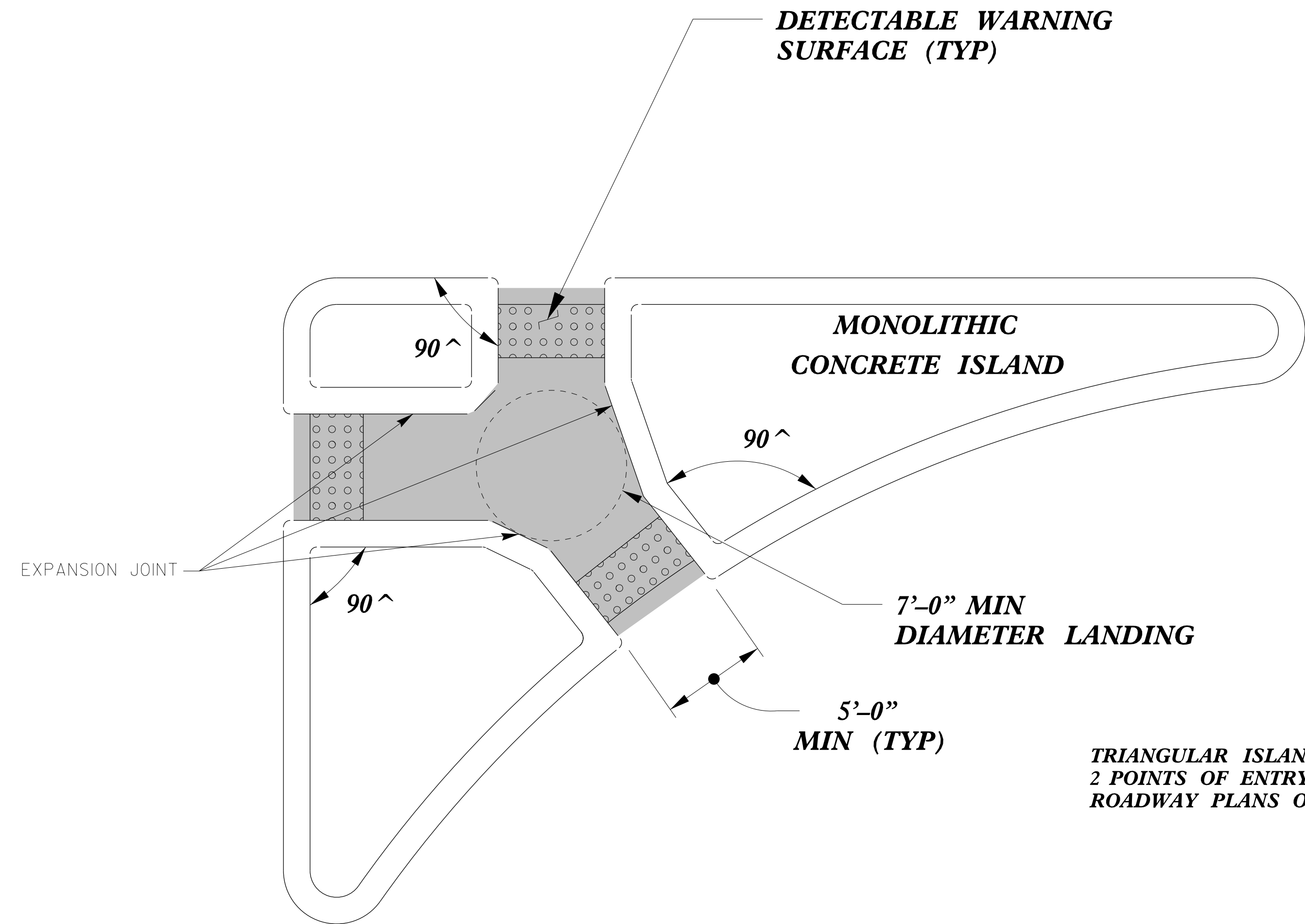
CURB RAMPS
Directional Ramps

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11
 MODIFIED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
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REFER TO ROADWAY STANDARD DRAWING NUMBER 848.05 SHEET 3 OF 3 FOR ALL RAMP NOTES

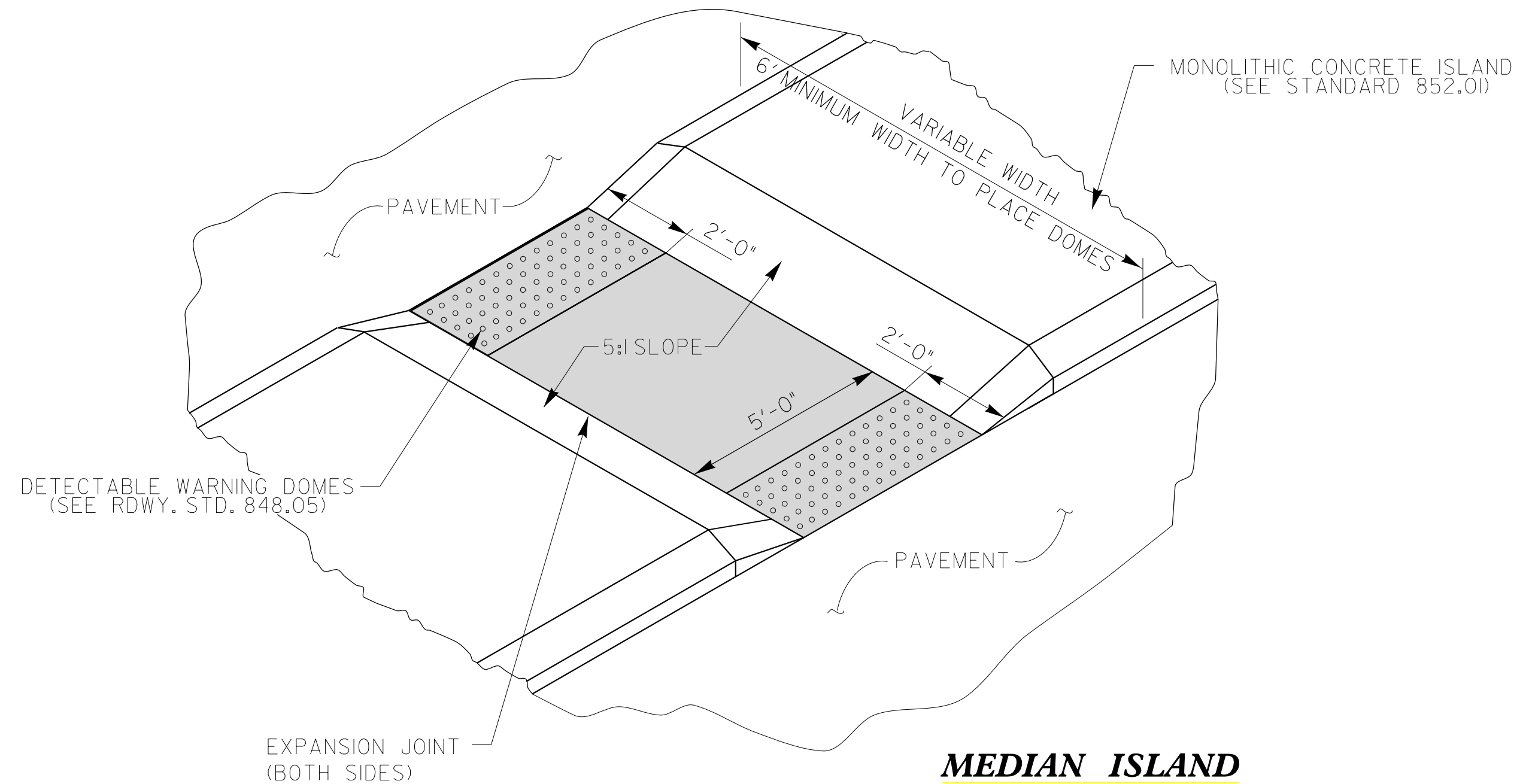
5/14/99
 C:\P\03\05\10671\stds\2012CurbRamp\CurbRampDetails.dgn
 USER: JSH

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

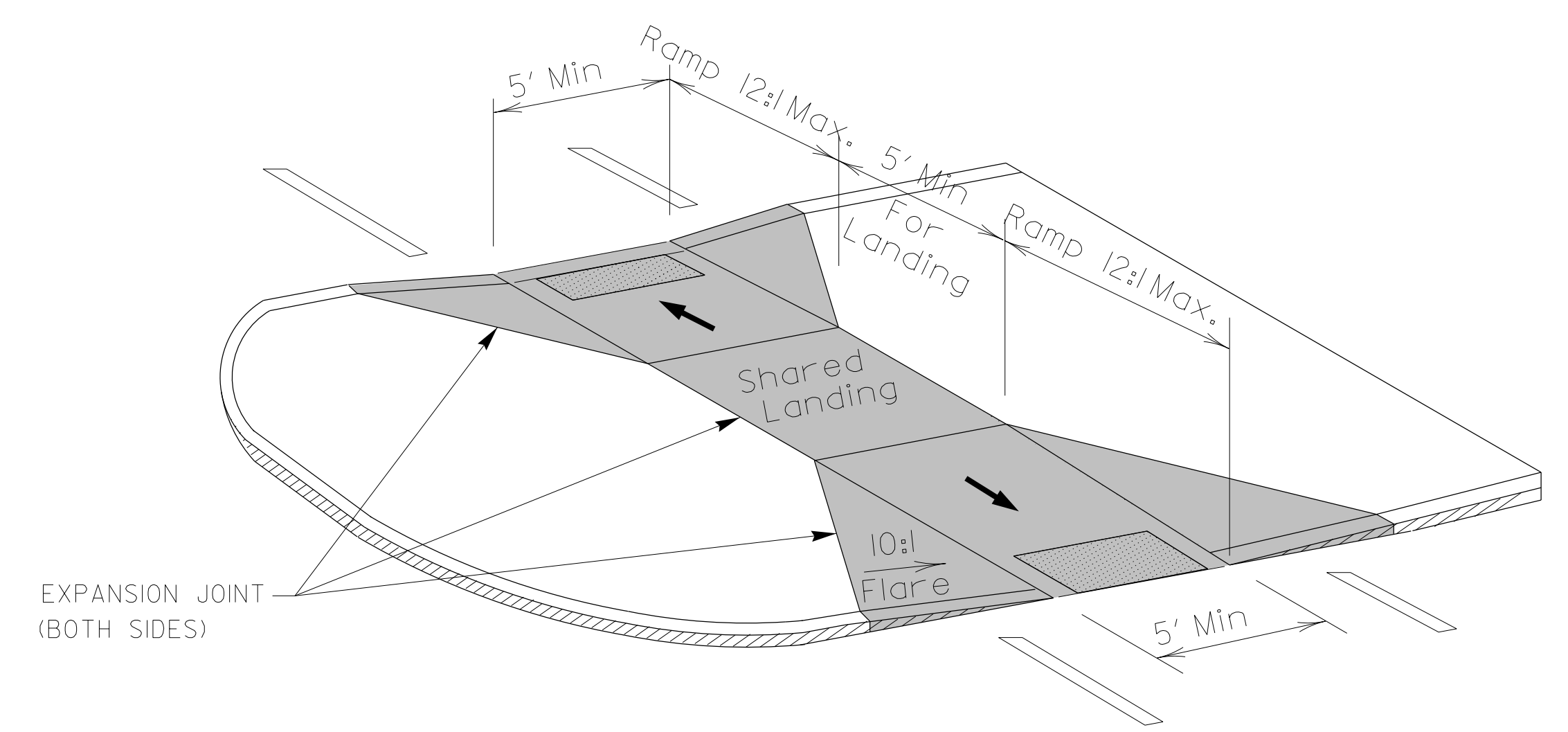


TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY
2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE
ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

**TRIANGULAR ISLAND
WITH CUT THROUGH**



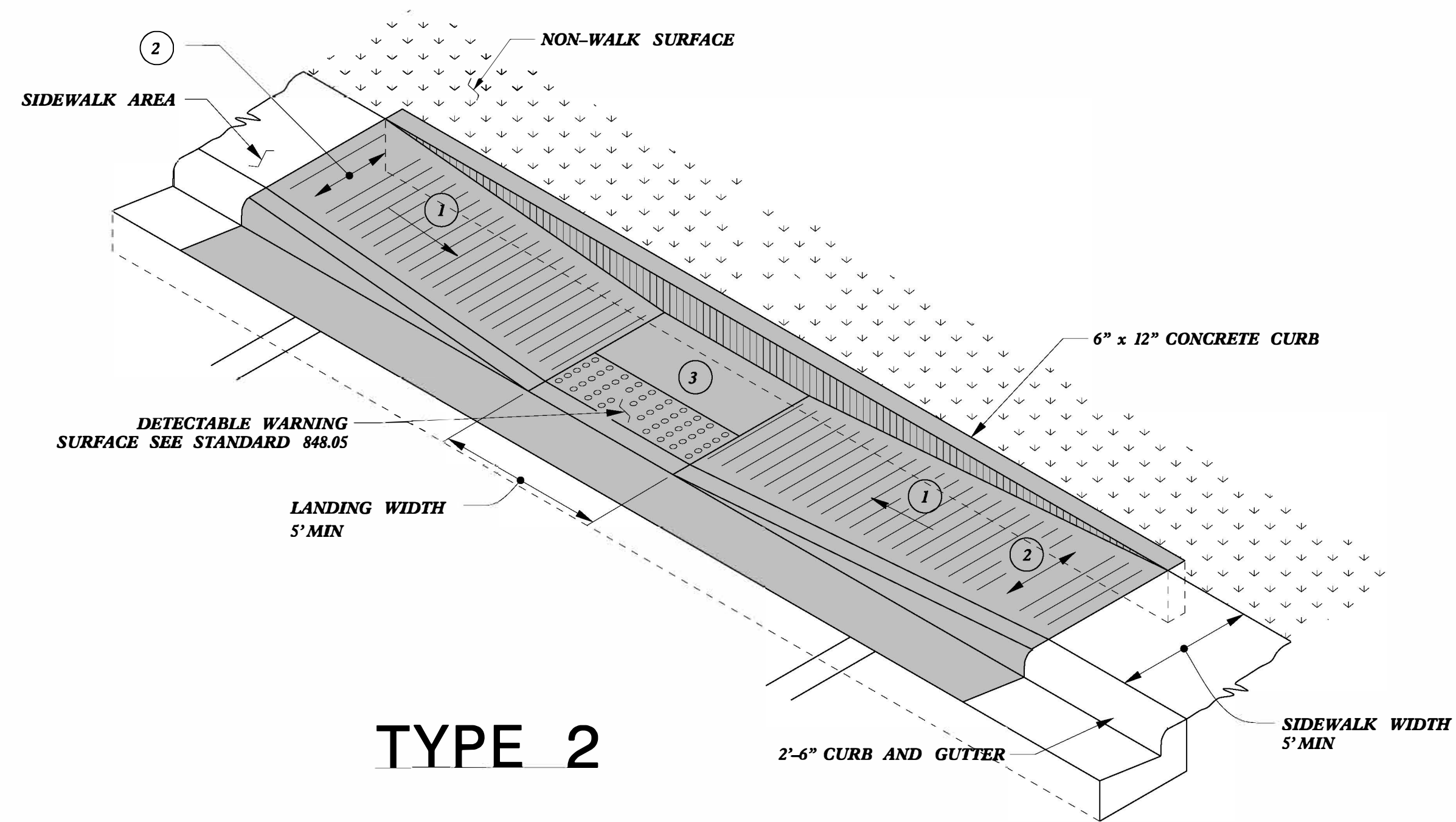
**MEDIAN ISLAND
WITH CUT THROUGH**



**MEDIAN ISLAND
CURB RAMPS**

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.dgn	

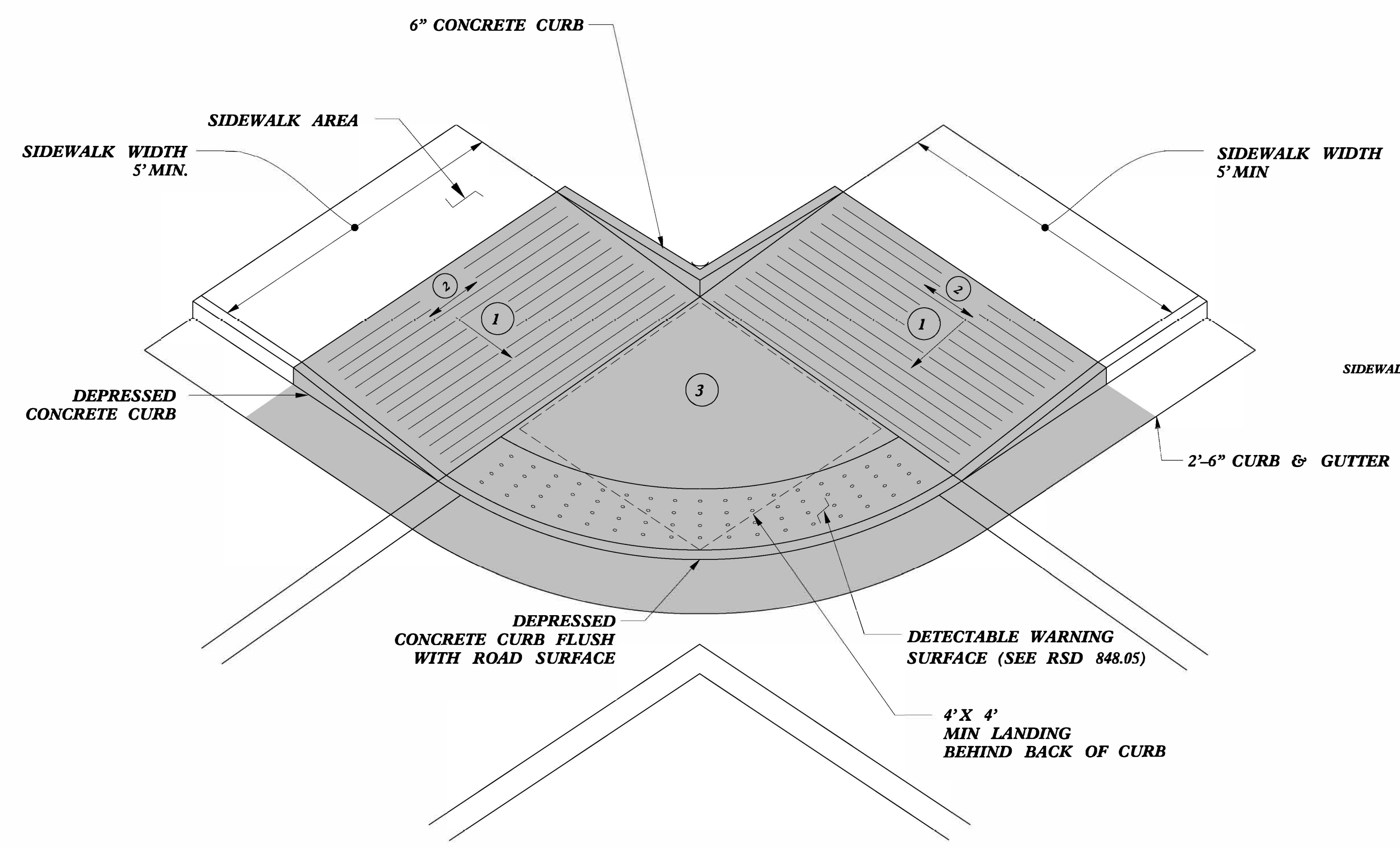
5/14/99
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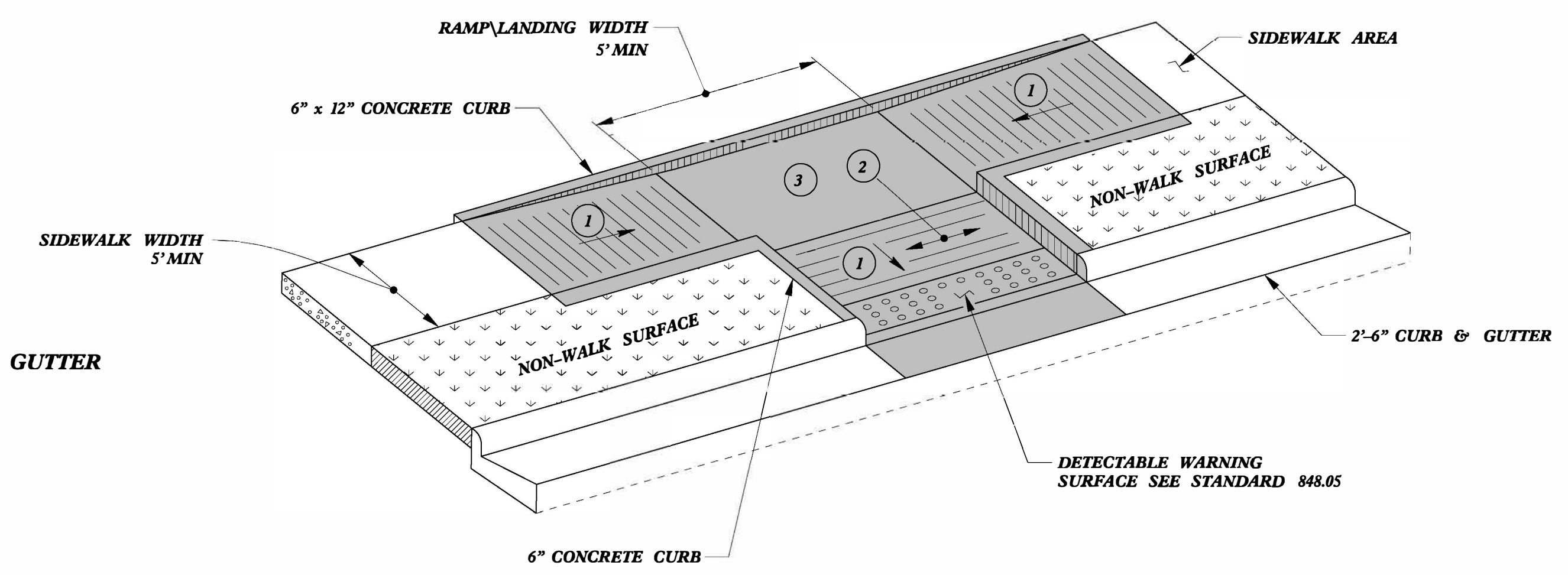
TYPE 2

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



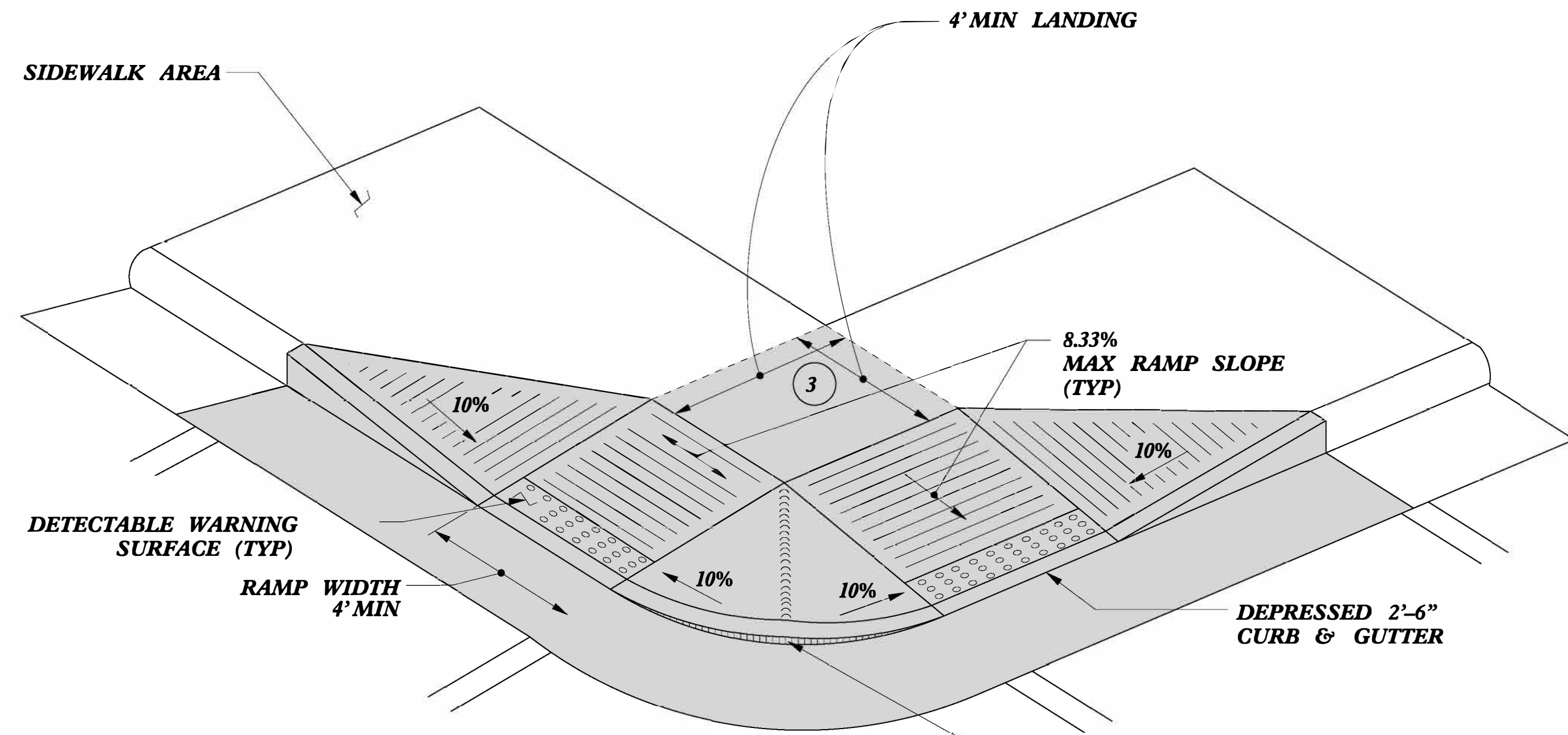
TYPE 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

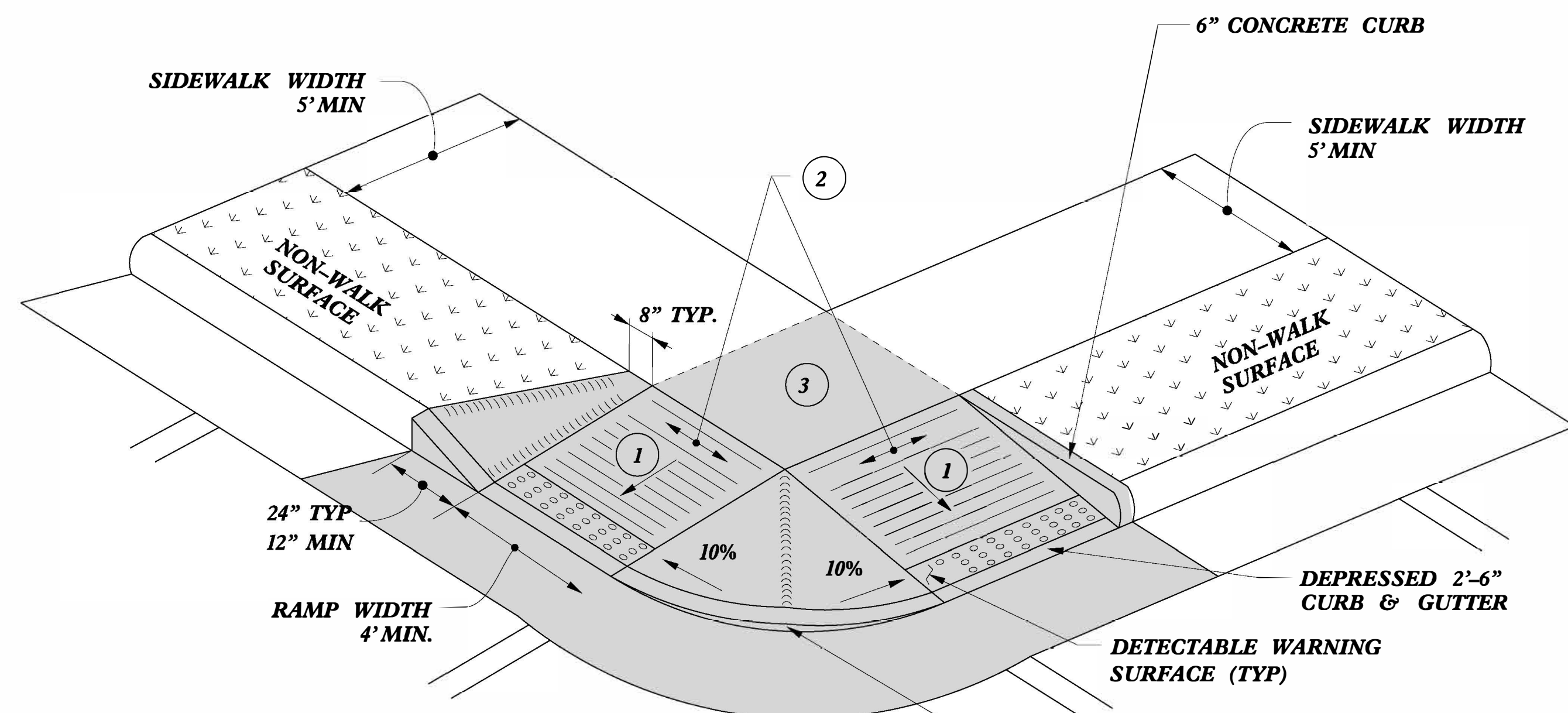
CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
CURB RAMPS	
Parallel Ramps	
ORIGINAL BY: J.S. HOWERTON	DATE: 7/7/11
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC. :stds\2012CurbRamp\CurbRampDetails.dgn	

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

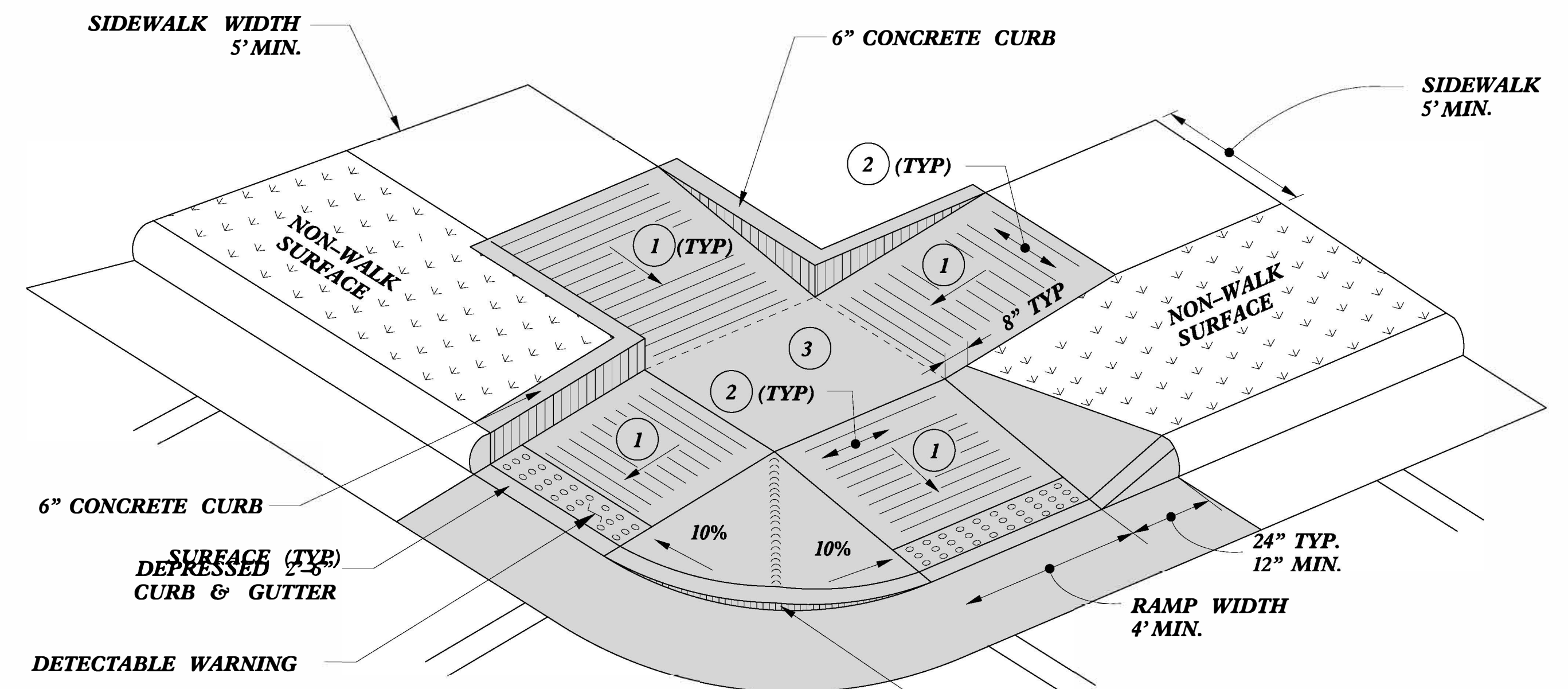
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TYPE 4



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.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

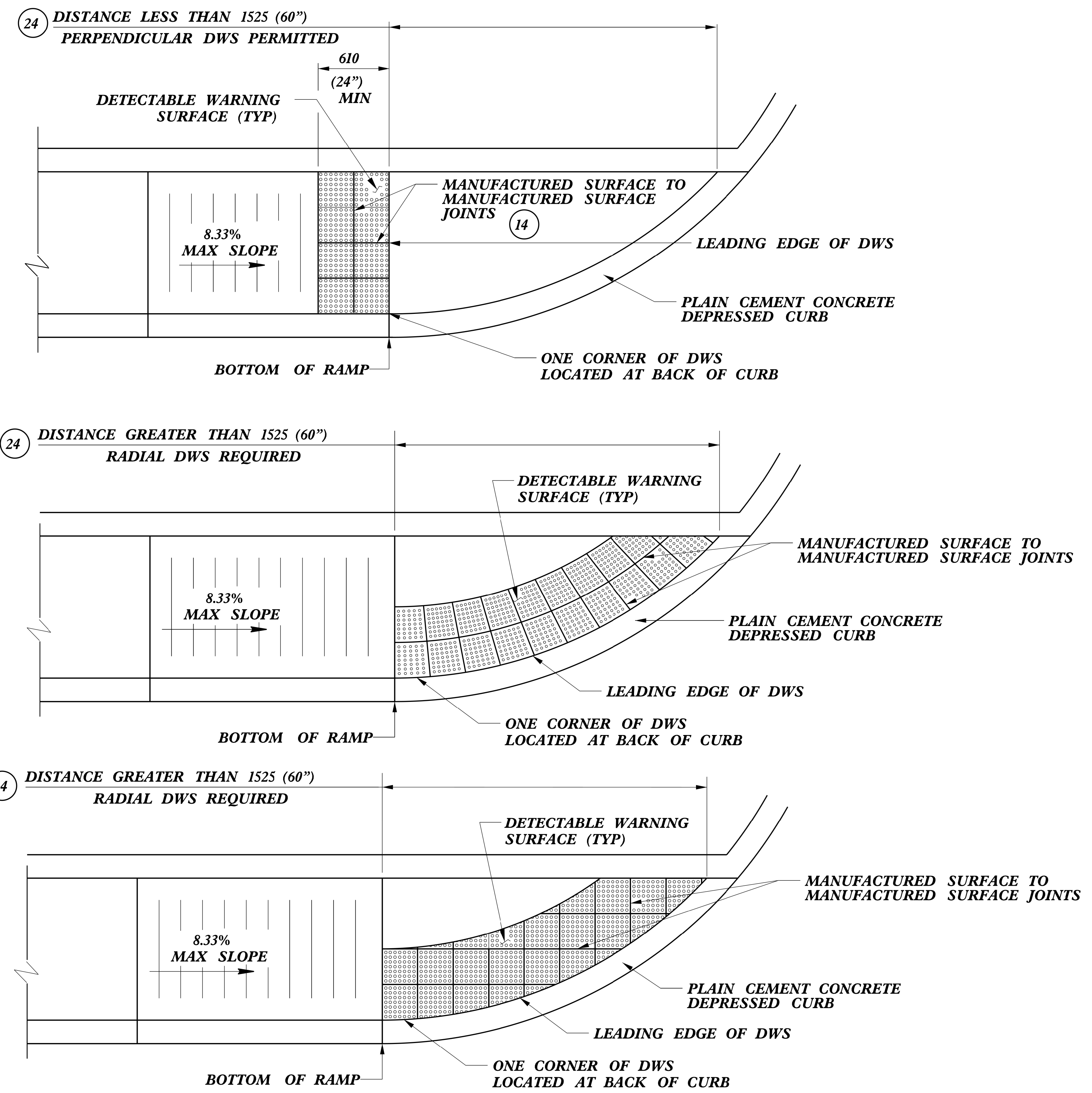
CURB RAMPS
Shared Landing

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

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

5/14/99
\$\$\$\$\$CUT\$\$\$\$\$
\$\$\$\$\$USER\$\$\$\$\$

TRUNCATED DOMES AT RADIUS DETAIL



DETECTABLE WARNING SURFACE (DWS)
ON CURVED SURFACES

REVISIONS

14 DEC 2015 09:46:46 USER: J... NDER\SR-5001CB...40924.1.F78.S1.dwg Point Loop MUP\ROADWAY\Proj\Plan_Sheets\3CR.PE_PSH.L2F.dgn
 8/17/2015

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

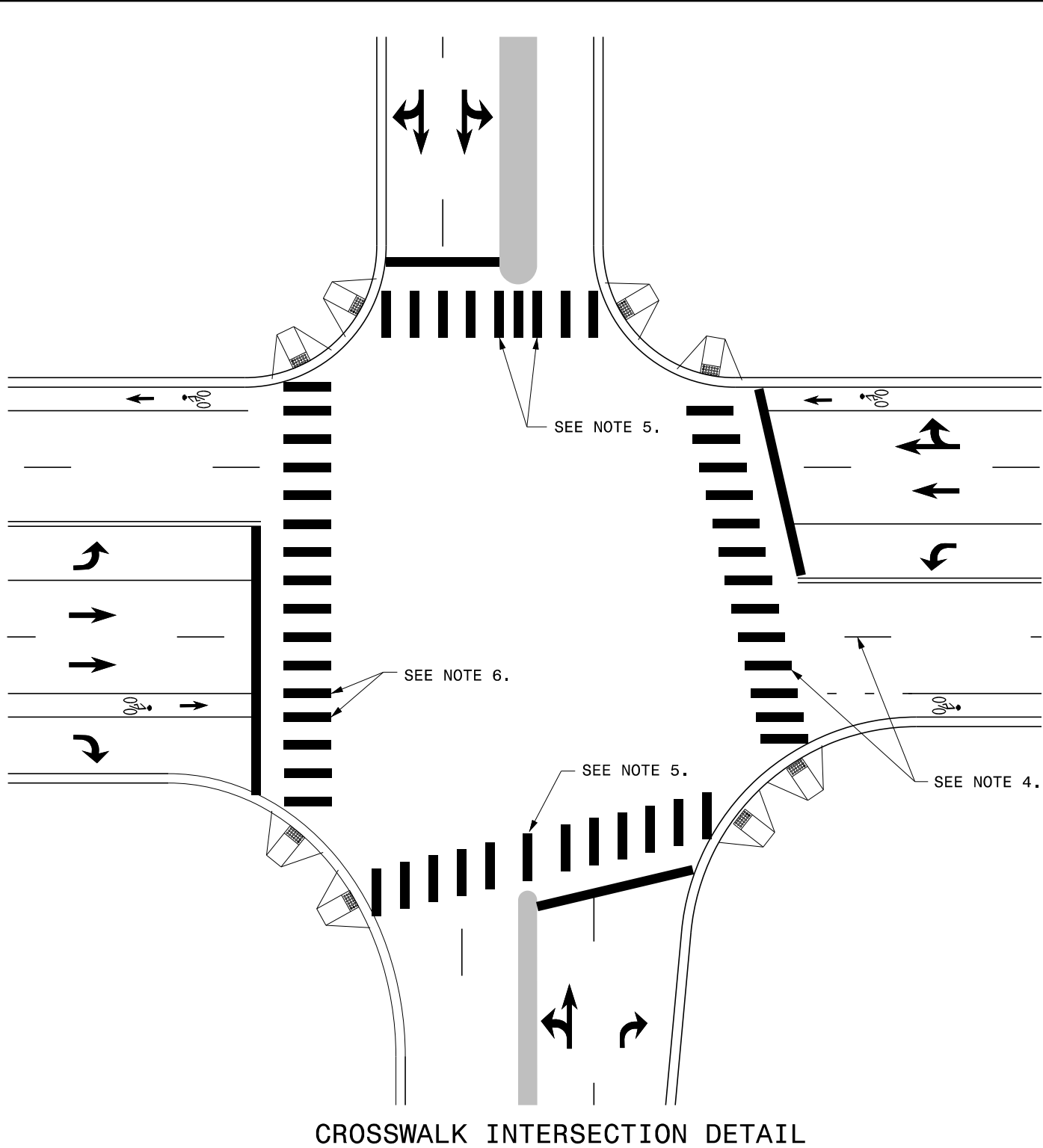
SHEET 1 OF 1

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

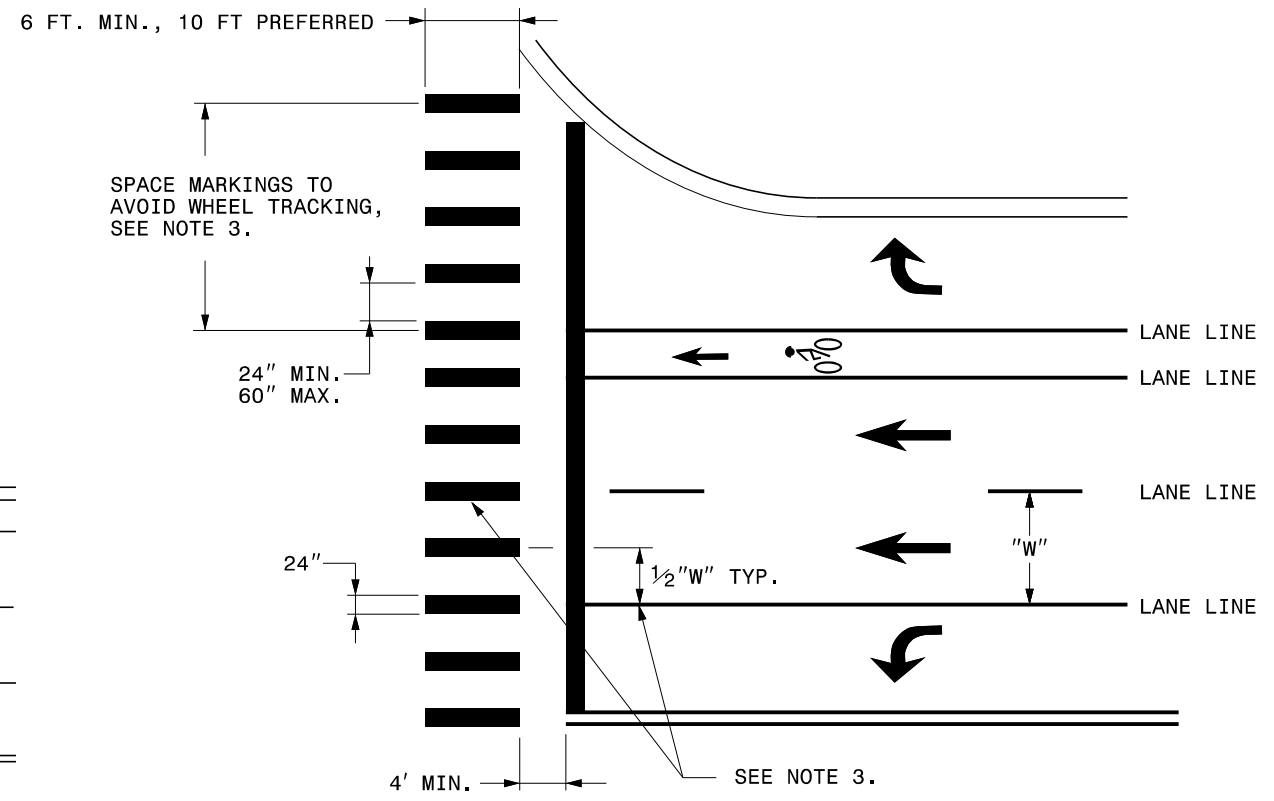
2-19

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

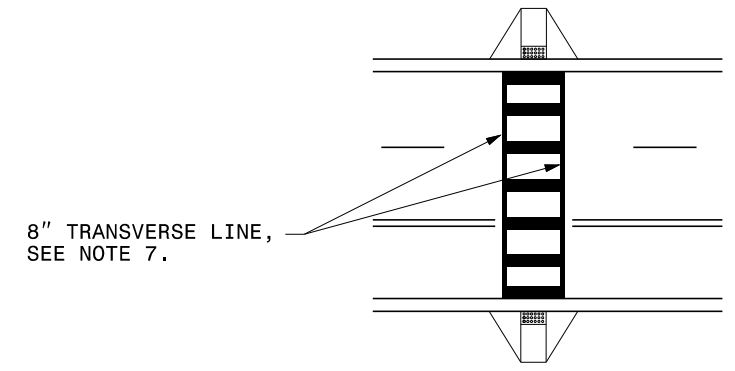
SHEET 1 OF 1



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.

2-28-18

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, Etc.	17

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	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1526000000-E	1575000000-E	1705500000-E	2549000000-E				
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	0" - 1.5" MILLING (GENERIC)	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	2'-6" CONCRETE CURB & GUTTER				
											MI	FT	CY	TON	SMI	SY	SY	TONS	TON	TON	TON	TON	TON	TON	LF			
2023CPT.03.05.10671	Onslow	1	US 17 HIGHWAY (MARINE BOULEVARD)	FROM US 258 HWY. (RICHLANDS HWY.) TO CHANEY AVE. (NON-SYSTEM) [MP 1.30 - MP 2.79]	1	2	MU	NO	NO	1.49	60				10,663	3,128					5,191		315	175	50			
TOTAL FOR MAP NO. 1											1.49					10,663	3,128				5,191		315	175	50			
TOTAL FOR PROJ NO. 2023CPT.03.05.10671											1.49					10,663	3,128				5,191		315	175	50			
2023CPT.03.05.20671	Onslow	2	SR 1632 (YOUPON DRIVE)	FROM SR 1579 (QUEENS RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.27]	2	2	2WU	NO	NO	0.27	20	41	20	0.54				455	291	5			19	5				
TOTAL FOR MAP NO. 2											0.27		41	20	0.54				455	291	5			19	5			
2023CPT.03.05.20671	Onslow	3	SR 1633 (PRINCE DRIVE)	FROM SR 1631 (QUAIL POINT DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	20	20	14	0.26					127				12	80				
TOTAL FOR MAP NO. 3											0.13		20	14	0.26				127				12	80				
2023CPT.03.05.20671	Onslow	4	SR 1631 (QUAIL POINT DRIVE)	FROM SR 1630 (YOUPON DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.54]	2	2	2WU	NO	NO	0.54	20	83	54	1.08					526				44	200				
TOTAL FOR MAP NO. 4											0.54		83	54	1.08				112	526			44	200				
2023CPT.03.05.20671	Onslow	5	SR 1654 (NATALIE LANE)	FROM SR 1653 (MELISSA LN.) TO END OF MAINTENANCE [MP 0.00 - MP 0.33]	2	2	2WU	NO	NO	0.33	20	50		0.66					112	321			21	5				
TOTAL FOR MAP NO. 5											0.33		50		0.66				112	321			21	5				
2023CPT.03.05.20671	Onslow	6	SR 1988 (RAINTREE CIRCLE)	FROM SR 1322 (SUMMERSILL SCHOOL RD.) TO SR 1989 (SARAH CT.) [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	30				920	794			244	5			18	30				
TOTAL FOR MAP NO. 6											0.13					920	794			244	5			18	30			
2023CPT.03.05.20671	Onslow	7	SR 1990 (CRISSY DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.25]	2	2	2WU	NO	NO	0.25	24				1,837				344				26	80				
TOTAL FOR MAP NO. 7											0.25					1,837			344				26	80				
2023CPT.03.05.20671	Onslow	8	SR 1921 (WOODCREST COURT)	FROM SR 1920 (RAINTREE RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	2	2	2WU	NO	NO	0.1	22				700	64			127				9	5				
TOTAL FOR MAP NO. 8											0.1					700	64			127			9	5				
2023CPT.03.05.20671	Onslow	9	SR 1998 (BRANDY COURT)	FROM SR 1978 (RAINTREE CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.11]	2	2	2WU	NO	NO	0.11	20				815	56			127				9	10				
TOTAL FOR MAP NO. 9											0.11					815	56			127			9	10				
2023CPT.03.05.20671	Onslow	10	SR 1708 (COUNTRY CLUB ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.07 - MP 0.80]	2	2	2WU	NO	NO	0.73	24				4,348	1,624			852				72	350				
TOTAL FOR MAP NO. 10											0.73					4,348	1,624			852			72	350				
2023CPT.03.05.20671	Onslow	11	SR 1899 (CREEDMOOR ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1859 (LYNCHBURG DR.) [MP 0.00 - MP 1.28]	2	2	2WU	NO	NO	1.28	27				8,564	463			1,705	25			113	10				
TOTAL FOR MAP NO. 11											1.28					8,564	463			1,705	25			113	10			
2023CPT.03.05.20671	Onslow	12	SR 2694 (BREVARD COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.08]	2	2	2WU	NO	NO	0.08	27				587	75			130				8					
TOTAL FOR MAP NO. 12											0.08					587	75			130			8					
2023CPT.03.05.20671	Onslow	13	SR 2695 (SPENCER COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	24				533	67			106				7					
TOTAL FOR MAP NO. 13											0.07					533	67			106			7					
2023CPT.03.05.20671	Onslow	14	SR 1859 (LYNCHBURG DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.60]	2	2	2WU	NO	NO	0.6	26				3,867	414			787	40			56	50				
TOTAL FOR MAP NO. 14											0.6					3,867	414			787	40		56	50				
2023CPT.03.05.20671	Onslow	15	SR 1980 (STONEMARK COURT)	FROM SR 1978 (RAINTREE CIRCLE) TO CUL-DE-SAC [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	23				950	70			164				12	25				
TOTAL FOR MAP NO. 15											0.13					950	70			164			12	25				
2023CPT.03.05.20671	Onslow	16	SR 1310 (BROCK ROAD)	FROM SR 1003 (COMFORT RD.) TO SR 1307 (FRANCKTOWN RD.) [MP 0.00 - MP 0.89]	2	2	2WU	NO	NO	0.89	20	136	10	1.78					876	30			59	20				
TOTAL FOR MAP NO. 16											0.89		136	10	1.78				556	30			59	20				
TOTAL FOR PROJ NO. 2023CPT.03.05.20671											5.64		330	98	4.32				23,121	4,862	30		6,727	75		485	870	
2023CPT.03.05.20672	Onslow	17	SR 1952 (CALICO COURT)	FROM SR 1944 (HUNTING GREEN DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	3	2	2WU	NO	NO	0.03	26										40		3	5				
TOTAL FOR MAP NO. 17											0.03											40		3	5			

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, 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	1308000000-E	1330000000-E	1491000000-E	1519000000-E	1520000000-E	1523000000-E	1526000000-E	1575000000-E	1705500000-E	2549000000-E																		
												BORROW EXCAVATION	INCIDENTAL STONE BASE	SHOULDER RECONSTRUCTION	0" - 1.5" MILLING (GENERIC)	INCIDENTAL MILLING	BASE COURSE, B25.0C	SURFACE COURSE, S9.5B	LEVELING COURSE, S9.5B	SURFACE COURSE, S9.5C	SURFACE COURSE, S4.75A	ASPHALT BINDER FOR PLANT MIX	PATCHING EXISTING PAVEMENT (MILL)	2'-6" CONCRETE CURB & GUTTER																		
												MI	FT	CY	TON	SMI	SY	SY	TONS	TON	TON	TON	TON	TON	TON	LF																
2023CPT.03.05.20672	Onslow	18	SR 1955 (OAK STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22										57	4	5																			
TOTAL FOR MAP NO. 18												0.08												57	4	5																
2023CPT.03.05.20672	Onslow	19	SR 1956 (BEECH STREET)	FROM SR 1953 (HICKORY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	22										86	6	5																			
TOTAL FOR MAP NO. 19												0.12													86	6	5															
2023CPT.03.05.20672	Onslow	20	SR 1785 (ASH COURT)	FROM 1784 (ASH PL.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30											2	50																			
TOTAL FOR MAP NO. 20												0.04														2	50															
2023CPT.03.05.20672	Onslow	21	SR 1786 (LOCUST COURT)	FROM SR 1787 (WHITE OAK BLVD.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30											2	50																			
TOTAL FOR MAP NO. 21												0.04														2	50															
2023CPT.03.05.20672	Onslow	22	SR 1806 (YUKON COURT)	FROM SR 1804 (BIRCHWOOD LN.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	20											2	50																			
TOTAL FOR MAP NO. 22												0.04														2	50															
2023CPT.03.05.20672	Onslow	23	SR 1794 (CAROLINA DRIVE)	FROM SR 1412 (WEATHERINGTON RD.) TO SR 1872 (PINWOOD DR.) [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	20											2	50																			
TOTAL FOR MAP NO. 23												0.2														2	50															
2023CPT.03.05.20672	Onslow	24	SR 1147 (STILLWOOD ROAD)	FROM SR 1107 (DAWSON CABIN RD.) TO END OF PAVEMENT [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.1	20										130	10	15																			
TOTAL FOR MAP NO. 24												0.1														130	10	15														
2023CPT.03.05.20672	Onslow	25	SR 1804 (BIRCHWOOD LANE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1406 (PINEY GREEN RD.) [MP 0.00 - MP 0.48]	3	2	2WU	NO	NO	0.48	20											7	150																			
TOTAL FOR MAP NO. 25												0.48															7	150														
2023CPT.03.05.20672	Onslow	26	SR 1954 (ASHE STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22											57	4	5																		
TOTAL FOR MAP NO. 26												0.08																	57	4	5											
2023CPT.03.05.20672	Onslow	27	SR 1809 (WINDSOR COURT)	FROM SR 1708 (COUNTRY CLUB RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	24											93	7	5																		
TOTAL FOR MAP NO. 27												0.12																		93	7	5										
2023CPT.03.05.20672	Onslow	28	SR 1948 (QUAIL RIDGE ROAD)	FROM SR 1944 (HUNTING GREEN RD.) TO SR 1944 (HUNTING GREEN RD.) [MP 0.00 - MP 0.19]	3	2	2WU	NO	NO	0.19	26											160	11	5																		
TOTAL FOR MAP NO. 28												0.19																		160	11	5										
2023CPT.03.05.20672	Onslow	29	SR 2600 (CLINT MILLS ROAD)	FROM SR 1434 (BELGRADE-SWANSBORO RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.34]	3	2	2WU	NO	NO	0.34	20											220	16	10																		
TOTAL FOR MAP NO. 29												0.34																		220	16	10										
2023CPT.03.05.20672	Onslow	30	SR 1781 (PECAN LANE)	FROM SR 1779 (BALSAM RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.25]	3	2	2WU	NO	NO	0.25	30											262	19	15																		
TOTAL FOR MAP NO. 30												0.25																		262	19	15										
TOTAL FOR PROJ NO. 2023CPT.03.05.20672												2.11																			1,105	95	420									
GRAND TOTAL												9.24																		330	98	4.32	33,784	7,990	30	6,727	75	5,191	1,105	895	1,465	50

PROJECT NO.	SHEET NO.
2023CPT.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	2605000000-N	2613000000-N	2738000000-E	2752000000-E	2759000000-N	2800000000-N	2830000000-N	2845000000-N	6000000000-E		
												CONCRETE CURB RAMP	REMOVE & REPLACE CURB RAMPS (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	2'-6" CURB & GUTTER, REMOVE & REPLACE (GENERIC)	REMOVE CURB RAMPS (GENERIC)	ADJUSTMENT OF CATCH BASIN	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE		
											EA	EA	SY	LF	EA	EA	EA	EA	EA	LF		
2023CPT.03.05.10671	Onslow	1	US 17 HIGHWAY (MARINE BOULEVARD)	FROM US 258 HWY. (RICHLANDS HWY.) TO CHANEY AVE. (NON-SYSTEM) [MP 1.30 - MP 2.79]	1	2	MU	NO	NO	1.49	60	1	10	60	200	3			11			
TOTAL FOR MAP NO. 1											1.49	1	10	60	200	3			11			
TOTAL FOR PROJ NO. 2023CPT.03.05.10671											1.49	1	10	60	200	3			11			
2023CPT.03.05.20671	Onslow	2	SR 1632 (YOUPON DRIVE)	FROM SR 1579 (QUEENS RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.27]	2	2	2WU	NO	NO	0.27	20										30	
TOTAL FOR MAP NO. 2											0.27											30
2023CPT.03.05.20671	Onslow	3	SR 1633 (PRINCE DRIVE)	FROM SR 1631 (QUAIL POINT DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	20										13	
TOTAL FOR MAP NO. 3											0.13											13
2023CPT.03.05.20671	Onslow	4	SR 1631 (QUAIL POINT DRIVE)	FROM SR 1630 (YOUPON DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.54]	2	2	2WU	NO	NO	0.54	20										54	
TOTAL FOR MAP NO. 4											0.54											54
2023CPT.03.05.20671	Onslow	5	SR 1654 (NATALIE LANE)	FROM SR 1653 (MELISSA LN.) TO END OF MAINTENANCE [MP 0.00 - MP 0.33]	2	2	2WU	NO	NO	0.33	20									1	33	
TOTAL FOR MAP NO. 5											0.33										1	33
2023CPT.03.05.20671	Onslow	6	SR 1988 (RAINTREE CIRCLE)	FROM SR 1322 (SUMMERSILL SCHOOL RD.) TO SR 1989 (SARAH CT.) [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	30								4	3		
TOTAL FOR MAP NO. 6											0.13									4	3	
2023CPT.03.05.20671	Onslow	7	SR 1990 (CRISSY DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.25]	2	2	2WU	NO	NO	0.25	24								6	3		
TOTAL FOR MAP NO. 7											0.25									6	3	
2023CPT.03.05.20671	Onslow	8	SR 1921 (WOODCREST COURT)	FROM SR 1920 (RAINTREE RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	2	2	2WU	NO	NO	0.1	22								3	2		
TOTAL FOR MAP NO. 8											0.1									3	2	
2023CPT.03.05.20671	Onslow	9	SR 1998 (BRANDY COURT)	FROM SR 1978 (RAINTREE CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.11]	2	2	2WU	NO	NO	0.11	20								3	2		
TOTAL FOR MAP NO. 9											0.11									3	2	
2023CPT.03.05.20671	Onslow	10	SR 1708 (COUNTRY CLUB ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.07 - MP 0.80]	2	2	2WU	NO	NO	0.73	24								16	9		
TOTAL FOR MAP NO. 10											0.73									16	9	
2023CPT.03.05.20671	Onslow	11	SR 1899 (CREEDMOOR ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1859 (LYNCHBURG DR.) [MP 0.00 - MP 1.28]	2	2	2WU	NO	NO	1.28	27		10	98	200		2					
TOTAL FOR MAP NO. 11											1.28	10	98	200		2						
2023CPT.03.05.20671	Onslow	12	SR 2694 (BREVARD COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.08]	2	2	2WU	NO	NO	0.08	27											
TOTAL FOR MAP NO. 12											0.08											
2023CPT.03.05.20671	Onslow	13	SR 2695 (SPENCER COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.07]	2	2	2WU	NO	NO	0.07	24											
TOTAL FOR MAP NO. 13											0.07											
2023CPT.03.05.20671	Onslow	14	SR 1859 (LYNCHBURG DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.60]	2	2	2WU	NO	NO	0.6	26	2	4	56	80					8		
TOTAL FOR MAP NO. 14											0.6	2	4	56	80					8		
2023CPT.03.05.20671	Onslow	15	SR 1980 (STONEMARK COURT)	FROM SR 1978 (RAINTREE CIRCLE) TO CUL-DE-SAC [MP 0.00 - MP 0.13]	2	2	2WU	NO	NO	0.13	23								2	2		
TOTAL FOR MAP NO. 15											0.13									2	2	
2023CPT.03.05.20671	Onslow	16	SR 1310 (BROCK ROAD)	FROM SR 1003 (COMFORT RD.) TO SR 1307 (FRANCKTOWN RD.) [MP 0.00 - MP 0.89]	2	2	2WU	NO	NO	0.89	20										90	
TOTAL FOR MAP NO. 16											0.89										90	
TOTAL FOR PROJ NO. 2023CPT.03.05.20671											5.64	2	14	154	280	2	34	30	220			
2023CPT.03.05.20672	Onslow	17	SR 1952 (CALICO COURT)	FROM SR 1944 (HUNTING GREEN DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	3	2	2WU	NO	NO	0.03	26								1	2		
TOTAL FOR MAP NO. 17											0.03								1	2		

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, 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	2605000000-N	2613000000-N	2738000000-E	2752000000-E	2759000000-N	2800000000-N	2830000000-N	2845000000-N	6000000000-E		
												CONCRETE CURB RAMP	REMOVE & REPLACE CURB RAMPS (GENERIC)	REMOVE AND REPLACE 4" CONCRETE SIDEWALK (GENERIC)	2'-6" CURB & GUTTER, REMOVE & REPLACE (GENERIC)	REMOVE CURB RAMPS (GENERIC)	ADJUSTMENT OF CATCH BASIN	ADJUSTMENT OF MANHOLES	ADJUSTMENT OF METER OR VALVE BOX	TEMPORARY SILT FENCE		
												EA	EA	SY	LF	EA	EA	EA	EA	LF		
2023CPT.03.05.20672	Onslow	18	SR 1955 (OAK STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22											
TOTAL FOR MAP NO. 18										0.08												
2023CPT.03.05.20672	Onslow	19	SR 1956 (BEECH STREET)	FROM SR 1953 (HICKORY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	22											
TOTAL FOR MAP NO. 19										0.12												
2023CPT.03.05.20672	Onslow	20	SR 1785 (ASH COURT)	FROM 1784 (ASH PL.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30											
TOTAL FOR MAP NO. 20										0.04												
2023CPT.03.05.20672	Onslow	21	SR 1786 (LOCUST COURT)	FROM SR 1787 (WHITE OAK BLVD.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30											
TOTAL FOR MAP NO. 21										0.04												
2023CPT.03.05.20672	Onslow	22	SR 1806 (YUKON COURT)	FROM SR 1804 (BIRCHWOOD LN.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	20											
TOTAL FOR MAP NO. 22										0.04												
2023CPT.03.05.20672	Onslow	23	SR 1794 (CAROLINA DRIVE)	FROM SR 1412 (WEATHERINGTON RD.) TO SR 1872 (PINEWOOD DR.) [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	20											
TOTAL FOR MAP NO. 23										0.2												
2023CPT.03.05.20672	Onslow	24	SR 1147 (STILLWOOD ROAD)	FROM SR 1107 (DAWSON CABIN RD.) TO END OF PAVEMENT [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.1	20											
TOTAL FOR MAP NO. 24										0.1												
2023CPT.03.05.20672	Onslow	25	SR 1804 (BIRCHWOOD LANE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1406 (PINEY GREEN RD.) [MP 0.00 - MP 0.48]	3	2	2WU	NO	NO	0.48	20											
TOTAL FOR MAP NO. 25										0.48												
2023CPT.03.05.20672	Onslow	26	SR 1954 (ASHE STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22											
TOTAL FOR MAP NO. 26										0.08												
2023CPT.03.05.20672	Onslow	27	SR 1809 (WINDSOR COURT)	FROM SR 1708 (COUNTRY CLUB RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	24											
TOTAL FOR MAP NO. 27										0.12												
2023CPT.03.05.20672	Onslow	28	SR 1948 (QUAIL RIDGE ROAD)	FROM SR 1944 (HUNTING GREEN RD.) TO SR 1944 (HUNTING GREEN RD.) [MP 0.00 - MP 0.19]	3	2	2WU	NO	NO	0.19	26							4				
TOTAL FOR MAP NO. 28										0.19								4				
2023CPT.03.05.20672	Onslow	29	SR 2600 (CLINT MILLS ROAD)	FROM SR 1434 (BELGRADE-SWANSBORO RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.34]	3	2	2WU	NO	NO	0.34	20											
TOTAL FOR MAP NO. 29										0.34												
2023CPT.03.05.20672	Onslow	30	SR 1781 (PECAN LANE)	FROM SR 1779 (BALSAM RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.25]	3	2	2WU	NO	NO	0.25	30							4	2			
TOTAL FOR MAP NO. 30										0.25								4	2			
TOTAL FOR PROJ NO. 2023CPT.03.05.20672										2.11								9	4			
GRAND TOTAL										9.24				3	24	214	480	3	2	54	34	220

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, 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	6009000000-E	6012000000-E	6015000000-E	6018000000-E	6021000000-E	6036000000-E	6042000000-E	6071010000-E	6084000000-E	6090000000-E	6093000000-E	6117000000-N	7444000000-E						
												STONE FOR EC CLASS B	SEDIMENT CONTROL STONE	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	INDUCTIVE LOOP SAWCUT						
												MI	FT	TON	TON	ACR	LBS	TON	SY	LF	LF	AC	LB	TON	EA	LF				
2023CPT.03.05.20672	Onslow	18	SR 1955 (OAK STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22																			
TOTAL FOR MAP NO. 18											0.08																			
2023CPT.03.05.20672	Onslow	19	SR 1956 (BEECH STREET)	FROM SR 1953 (HICKORY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	22																			
TOTAL FOR MAP NO. 19											0.12																			
2023CPT.03.05.20672	Onslow	20	SR 1785 (ASH COURT)	FROM 1784 (ASH PL.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30																			
TOTAL FOR MAP NO. 20											0.04																			
2023CPT.03.05.20672	Onslow	21	SR 1786 (LOCUST COURT)	FROM SR 1787 (WHITE OAK BLVD.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	30																			
TOTAL FOR MAP NO. 21											0.04																			
2023CPT.03.05.20672	Onslow	22	SR 1806 (YUKON COURT)	FROM SR 1804 (BIRCHWOOD LN.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	NO	NO	0.04	20																			
TOTAL FOR MAP NO. 22											0.04																			
2023CPT.03.05.20672	Onslow	23	SR 1794 (CAROLINA DRIVE)	FROM SR 1412 (WEATHERINGTON RD.) TO SR 1872 (PINWOOD DR.) [MP 0.00 - MP 0.20]	3	2	2WU	NO	NO	0.2	20																			
TOTAL FOR MAP NO. 23											0.2																			
2023CPT.03.05.20672	Onslow	24	SR 1147 (STILLWOOD ROAD)	FROM SR 1107 (DAWSON CABIN RD.) TO END OF PAVEMENT [MP 0.00 - MP 0.10]	3	2	2WU	NO	NO	0.1	20																			
TOTAL FOR MAP NO. 24											0.1																			
2023CPT.03.05.20672	Onslow	25	SR 1804 (BIRCHWOOD LANE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1406 (PINEY GREEN RD.) [MP 0.00 - MP 0.48]	3	2	2WU	NO	NO	0.48	20																			
TOTAL FOR MAP NO. 25											0.48																			
2023CPT.03.05.20672	Onslow	26	SR 1954 (ASHE STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	NO	NO	0.08	22																			
TOTAL FOR MAP NO. 26											0.08																			
2023CPT.03.05.20672	Onslow	27	SR 1809 (WINDSOR COURT)	FROM SR 1708 (COUNTRY CLUB RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.12]	3	2	2WU	NO	NO	0.12	24																			
TOTAL FOR MAP NO. 27											0.12																			
2023CPT.03.05.20672	Onslow	28	SR 1948 (QUAIL RIDGE ROAD)	FROM SR 1944 (HUNTING GREEN RD.) TO SR 1944 (HUNTING GREEN RD.) [MP 0.00 - MP 0.19]	3	2	2WU	NO	NO	0.19	26																			
TOTAL FOR MAP NO. 28											0.19																			
2023CPT.03.05.20672	Onslow	29	SR 2600 (CLINT MILLS ROAD)	FROM SR 1434 (BELGRADE-SWANSBORO RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.34]	3	2	2WU	NO	NO	0.34	20																			
TOTAL FOR MAP NO. 29											0.34																			
2023CPT.03.05.20672	Onslow	30	SR 1781 (PECAN LANE)	FROM SR 1779 (BALSAM RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.25]	3	2	2WU	NO	NO	0.25	30																			
TOTAL FOR MAP NO. 30											0.25																			
TOTAL FOR PROJ NO. 2023CPT.03.05.20672											2.11																			
GRAND TOTAL											9.24							64	64	2.16	110	0.54	50	119	60	2.09	110	0.54	10	4,462

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, Etc.	24

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		4709000000-E	4725000000-E											
										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 WHITE THERMO	12" X 90 M YELLOW THERMO	THERMOPLASTIC PAVEMENT MARKING LINES (24" X 90 MILS)	THERMO STR ARROW (90 MIL)	THERMO LT ARROW (90 MIL)	THERMO RT ARROW (90 MIL)	THERMO STR & RT ARROW (90 MIL)	THERMO LT & RT ARROW (90 MIL)	24" YIELD LINE TRIANGLE (90 MIL)						
									MI	FT	SF	EA	EA	EA	LS	EA	HR	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA					
2023CPT.03.05.20672	Onslow	17	SR 1952 (CALICO COURT)	FROM SR 1944 (HUNTING GREEN DR.) TO CUL-DE-SAC [MP 0.00 - MP 0.03]	3	2	2WU	0.03	26																									
TOTAL FOR MAP NO. 17									0.03																									
2023CPT.03.05.20672	Onslow	18	SR 1955 (OAK STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	0.08	22																									
TOTAL FOR MAP NO. 18									0.08																									
2023CPT.03.05.20672	Onslow	19	SR 1956 (BEECH STREET)	FROM SR 1953 (HICKORY RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.12]	3	2	2WU	0.12	22																									
TOTAL FOR MAP NO. 19									0.12																									
2023CPT.03.05.20672	Onslow	20	SR 1785 (ASH COURT)	FROM 1784 (ASH PL.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	0.04	30																									
TOTAL FOR MAP NO. 20									0.04																									
2023CPT.03.05.20672	Onslow	21	SR 1786 (LOCUST COURT)	FROM SR 1787 (WHITE OAK BLVD.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	0.04	30																									
TOTAL FOR MAP NO. 21									0.04																									
2023CPT.03.05.20672	Onslow	22	SR 1806 (YUKON COURT)	FROM SR 1804 (BIRCHWOOD LN.) TO CUL-DE-SAC [MP 0.00 - MP 0.04]	3	2	2WU	0.04	20																									
TOTAL FOR MAP NO. 22									0.04																									
2023CPT.03.05.20672	Onslow	23	SR 1794 (CAROLINA DRIVE)	FROM SR 1412 (WEATHERINGTON RD.) TO SR 1872 (PINWOOD DR.) [MP 0.00 - MP 0.20]	3	2	2WU	0.2	20																									
TOTAL FOR MAP NO. 23									0.2																									
2023CPT.03.05.20672	Onslow	24	SR 1147 (STILLWOOD ROAD)	FROM SR 1107 (DAWSON CABIN RD.) TO END OF PAVEMENT [MP 0.00 - MP 0.10]	3	2	2WU	0.1	20																									
TOTAL FOR MAP NO. 24									0.1																									
2023CPT.03.05.20672	Onslow	25	SR 1804 (BIRCHWOOD LANE)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1406 (PINEY GREEN RD.) [MP 0.00 - MP 0.48]	3	2	2WU	0.48	20																									
TOTAL FOR MAP NO. 25									0.48																									
2023CPT.03.05.20672	Onslow	26	SR 1954 (ASHE STREET)	FROM SR 1953 (HICKORY RD.) TO SR 1957 (CHESTNUT RD.) [MP 0.00 - MP 0.08]	3	2	2WU	0.08	22																									
TOTAL FOR MAP NO. 26									0.08																									
2023CPT.03.05.20672	Onslow	27	SR 1809 (WINDSOR COURT)	FROM SR 1708 (COUNTRY CLUB RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.12]	3	2	2WU	0.12	24																									
TOTAL FOR MAP NO. 27									0.12																									
2023CPT.03.05.20672	Onslow	28	SR 1948 (QUAIL RIDGE ROAD)	FROM SR 1944 (HUNTING GREEN RD.) TO SR 1944 (HUNTING GREEN RD.) [MP 0.00 - MP 0.19]	3	2	2WU	0.19	26																									
TOTAL FOR MAP NO. 28									0.19																									
2023CPT.03.05.20672	Onslow	29	SR 2600 (CLINT MILLS ROAD)	FROM SR 1434 (BELGRADE-SWANSBORO RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.34]	3	2	2WU	0.34	20																									
TOTAL FOR MAP NO. 29									0.34																									
2023CPT.03.05.20672	Onslow	30	SR 1781 (PECAN LANE)	FROM SR 1779 (BALSAM RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.25]	3	2	2WU	0.25	30																									
TOTAL FOR MAP NO. 30									0.25																									
TOTAL FOR PROJ NO. 2023CPT.03.05.20672									2.11																									
GRAND TOTAL									9.24																									
										128	2	1	15	1	2	200	7,765	17,360	1,240	134	280	445	40	47	5	4	1	5						
																	25,125		414				102											

PROJECT NO.	SHEET NO.
2023CPT.03.05.10671, Etc.	25

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	481000000-E		482500000-E	483500000-E	485000000-E	486000000-E	490000000-N	490510000-N	
										4" YELLOW PAINT	4" WHITE PAINT	12" YELLOW PAINT	24" WHITE PAINT	REMOVAL OF PAVEMENT MARKING LINES (4")	REMOVAL OF PAVEMENT MARKING LINES (8")	YELLOW & YELLOW MARKERS	NON CAST IRON SNOWPLOWABLE MARKERS (C/R)	NON CAST IRON SNOWPLOWABLE MARKERS (Y/Y)
										MI	FT	LF	LF	LF	LF	EA	EA	EA
2023CPT.03.05.10671	Onslow	1	US 17 HIGHWAY (MARINE BOULEVARD)	FROM US 258 HWY. (RICHLANDS HWY.) TO CHANEY AVE. (NON-SYSTEM) [MP 1.30 - MP 2.79]	1	2	MU	1.49	60	6,992	1,314	1,452		4,153	726	40	405	165
TOTAL FOR MAP NO. 1										1.49	6,992	1,314	1,452	4,153	726	40	405	165
TOTAL FOR PROJ NO. 2023CPT.03.05.10671											6,992	1,314	1,452	4,153	726	40	405	165
										8,306						570		
2023CPT.03.05.20671	Onslow	2	SR 1632 (YOUPON DRIVE)	FROM SR 1579 (QUEENS RD.) TO END OF MAINTENANCE [MP 0.00 - MP 0.27]	2	2	2WU	0.27	20									
TOTAL FOR MAP NO. 2										0.27								
2023CPT.03.05.20671	Onslow	3	SR 1633 (PRINCE DRIVE)	FROM SR 1631 (QUAIL POINT DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.13]	2	2	2WU	0.13	20									
TOTAL FOR MAP NO. 3										0.13								
2023CPT.03.05.20671	Onslow	4	SR 1631 (QUAIL POINT DRIVE)	FROM SR 1630 (YOUPON DR.) TO SR 1632 (YOUPON DR.) [MP 0.00 - MP 0.54]	2	2	2WU	0.54	20									
TOTAL FOR MAP NO. 4										0.54								
2023CPT.03.05.20671	Onslow	5	SR 1654 (NATALIE LANE)	FROM SR 1653 (MELISSA LN.) TO END OF MAINTENANCE [MP 0.00 - MP 0.33]	2	2	2WU	0.33	20									
TOTAL FOR MAP NO. 5										0.33								
2023CPT.03.05.20671	Onslow	6	SR 1988 (RAINTREE CIRCLE)	FROM SR 1322 (SUMMERSILL SCHOOL RD.) TO SR 1989 (SARAH CT.) [MP 0.00 - MP 0.13]	2	2	2WU	0.13	30									
TOTAL FOR MAP NO. 6										0.13								
2023CPT.03.05.20671	Onslow	7	SR 1990 (CRISSY DRIVE)	FROM CUL-DE-SAC TO CUL-DE-SAC [MP 0.00 - MP 0.25]	2	2	2WU	0.25	24									
TOTAL FOR MAP NO. 7										0.25								
2023CPT.03.05.20671	Onslow	8	SR 1921 (WOODCREST COURT)	FROM SR 1920 (RAINTREE RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.10]	2	2	2WU	0.1	22									
TOTAL FOR MAP NO. 8										0.1								
2023CPT.03.05.20671	Onslow	9	SR 1998 (BRANDY COURT)	FROM SR 1978 (RAINTREE CIR.) TO CUL-DE-SAC [MP 0.00 - MP 0.11]	2	2	2WU	0.11	20									
TOTAL FOR MAP NO. 9										0.11								
2023CPT.03.05.20671	Onslow	10	SR 1708 (COUNTRY CLUB ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.07 - MP 0.80]	2	2	2WU	0.73	24									
TOTAL FOR MAP NO. 10										0.73								
2023CPT.03.05.20671	Onslow	11	SR 1899 (CREEDMOOR ROAD)	FROM SR 1406 (PINEY GREEN RD.) TO SR 1859 (LYNCHBURG DR.) [MP 0.00 - MP 1.28]	2	2	2WU	1.28	27	592								
TOTAL FOR MAP NO. 11										1.28	592							
2023CPT.03.05.20671	Onslow	12	SR 2694 (BREVARD COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.08]	2	2	2WU	0.08	27									
TOTAL FOR MAP NO. 12										0.08								
2023CPT.03.05.20671	Onslow	13	SR 2695 (SPENCER COURT)	FROM SR 1899 (CREEDMOOR RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.07]	2	2	2WU	0.07	24									
TOTAL FOR MAP NO. 13										0.07								
2023CPT.03.05.20671	Onslow	14	SR 1859 (LYNCHBURG DRIVE)	FROM SR 1406 (PINEY GREEN RD.) TO CUL-DE-SAC [MP 0.00 - MP 0.60]	2	2	2WU	0.6	26	460			36			3		
TOTAL FOR MAP NO. 14										0.6	460		36		3			
2023CPT.03.05.20671	Onslow	15	SR 1980 (STONEMARK COURT)	FROM SR 1978 (RAINTREE CIRCLE) TO CUL-DE-SAC [MP 0.00 - MP 0.13]	2	2	2WU	0.13	23									
TOTAL FOR MAP NO. 15										0.13								
2023CPT.03.05.20671	Onslow	16	SR 1310 (BROCK ROAD)	FROM SR 1003 (COMFORT RD.) TO SR 1307 (FRANKTOWN RD.) [MP 0.00 - MP 0.89]	2	2	2WU	0.89	20	14,258	18,957			160		120		
TOTAL FOR MAP NO. 16										0.89	14,258	18,957		160		120		
TOTAL FOR PROJ NO. 2023CPT.03.05.20671										5.64	15,310	18,957		36	160		123	
										34,267								

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

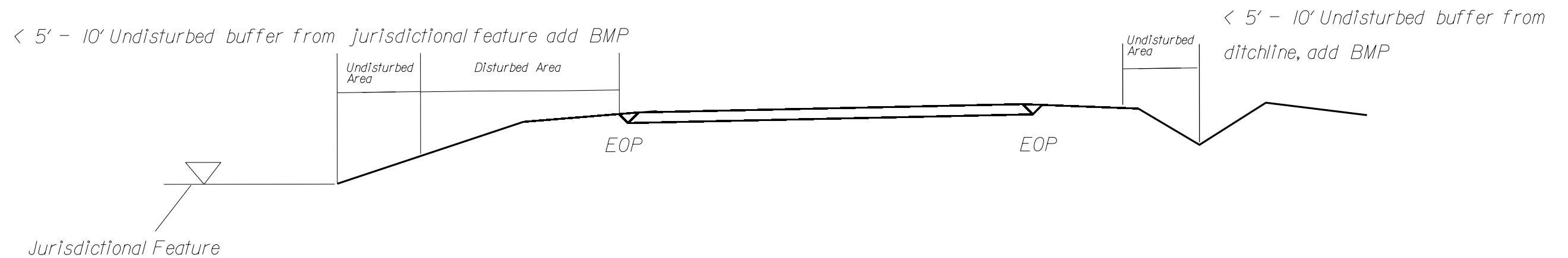
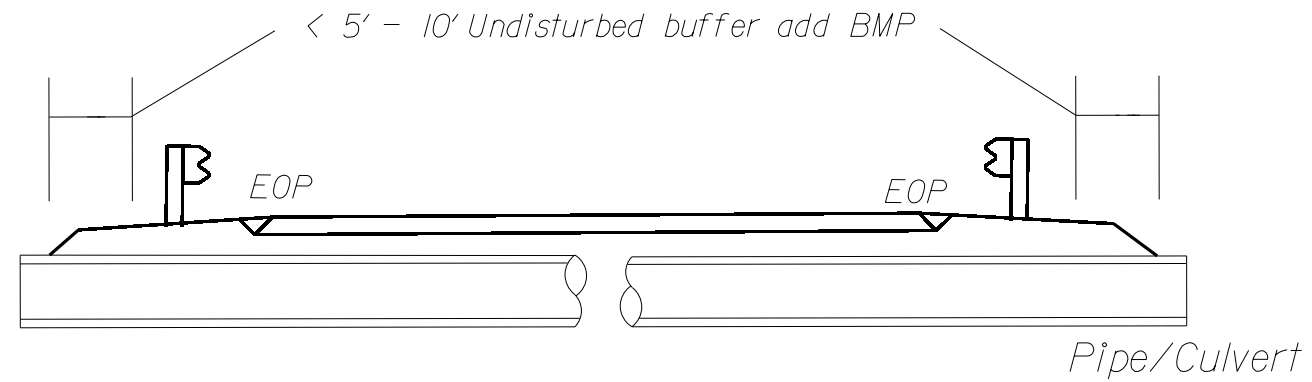
SOIL STABILIZATION TIMEFRAMES

<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.

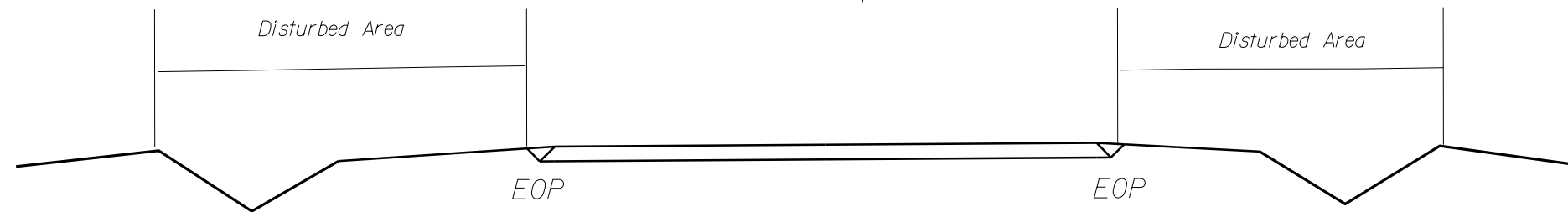
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

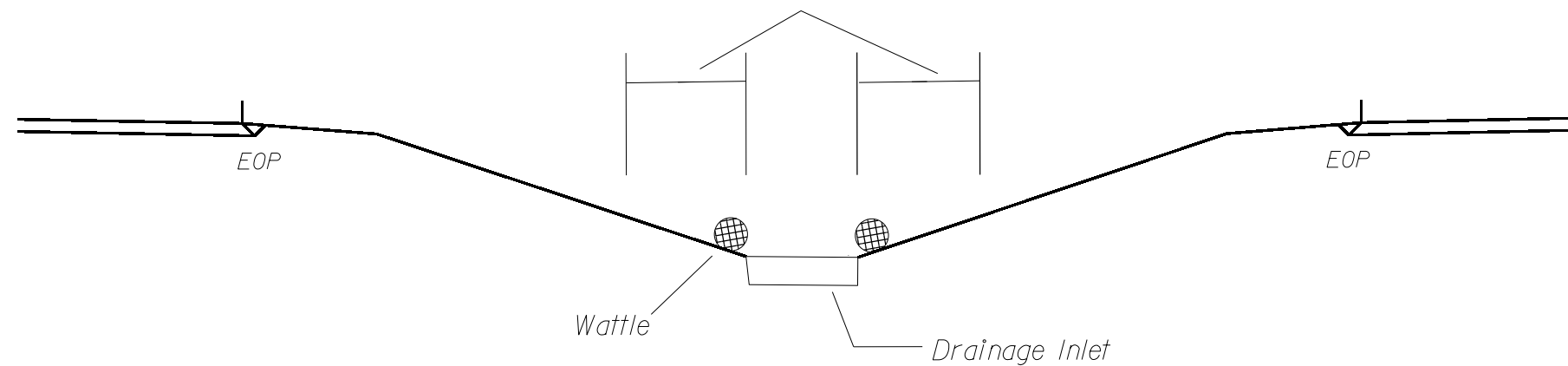
EROSION CONTROL DETAIL



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

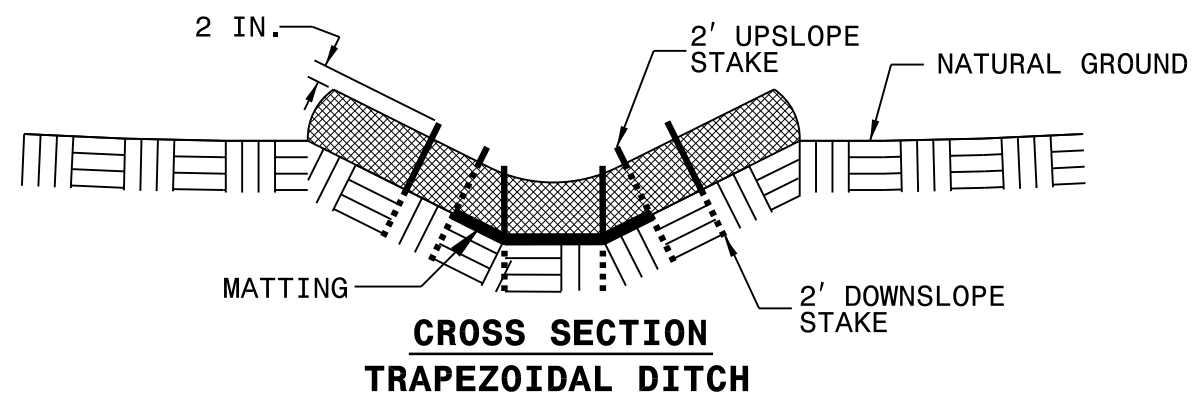
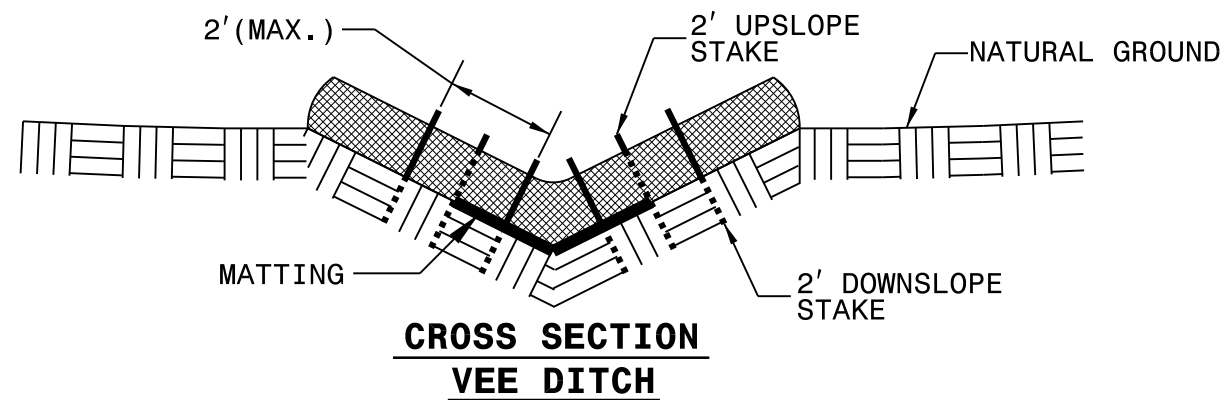
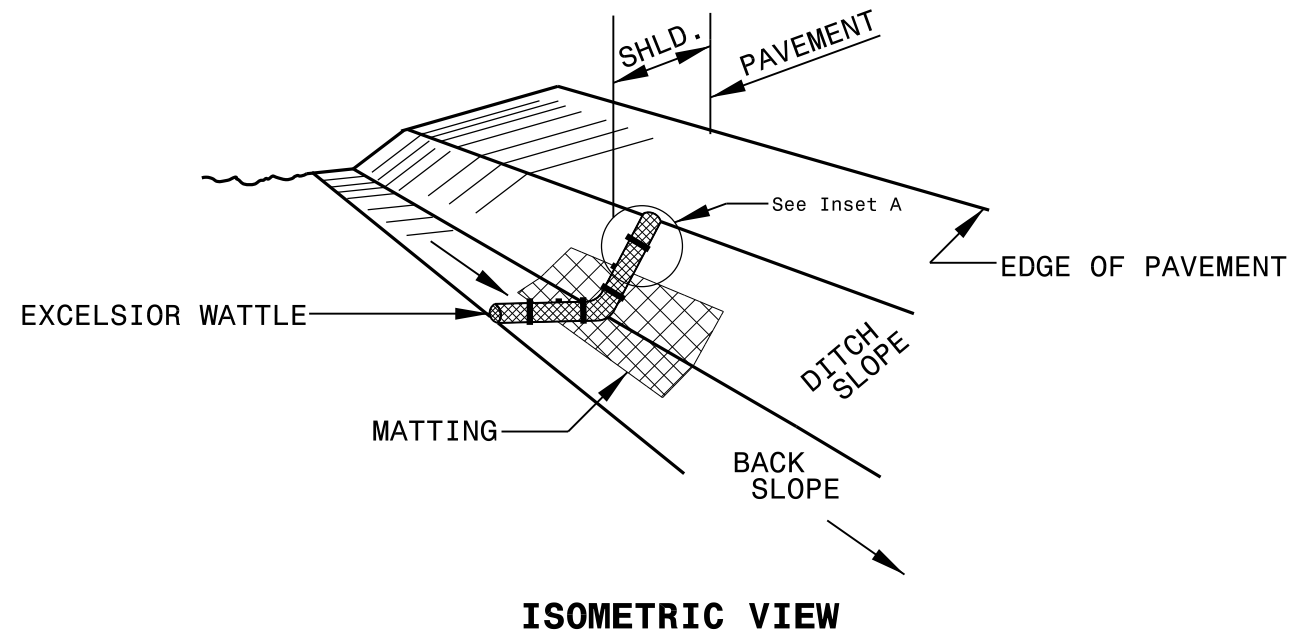


< 5' - 10' Undisturbed buffer from inlet, add wattle



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.

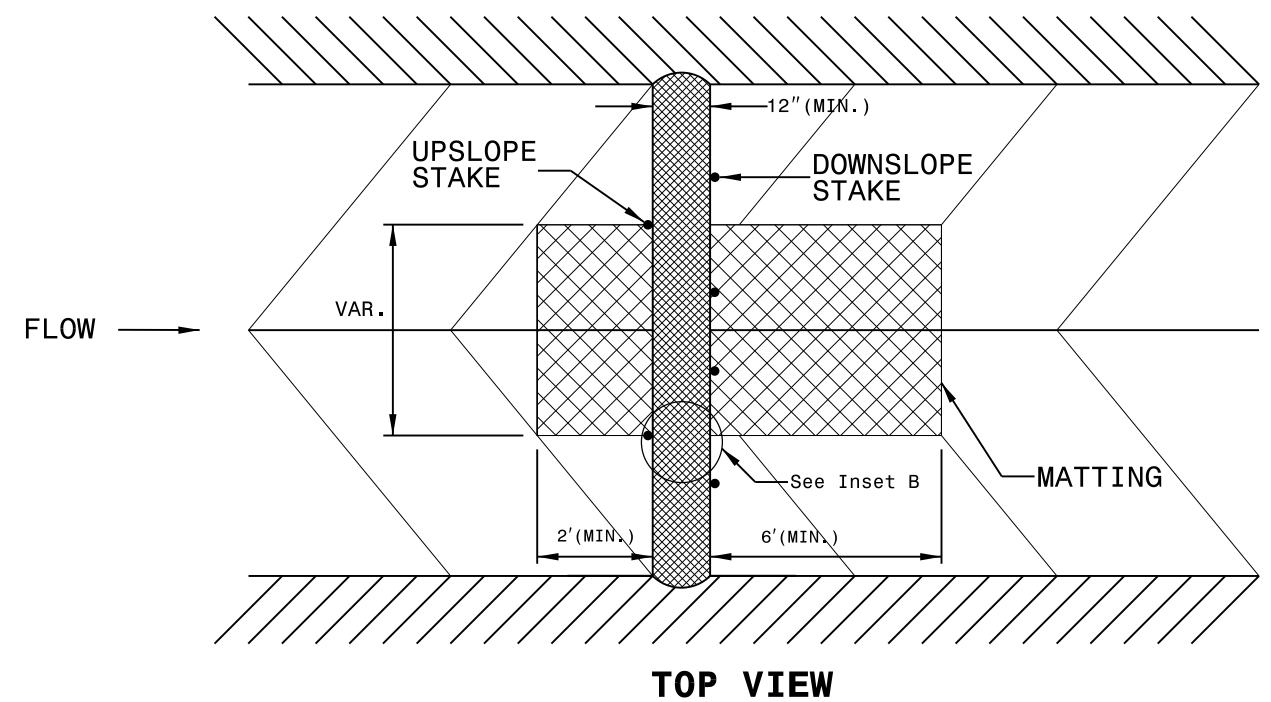
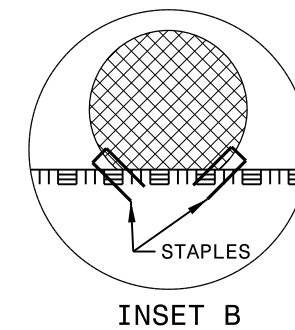
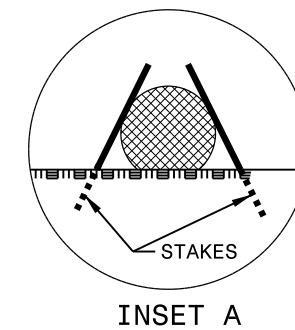
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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.

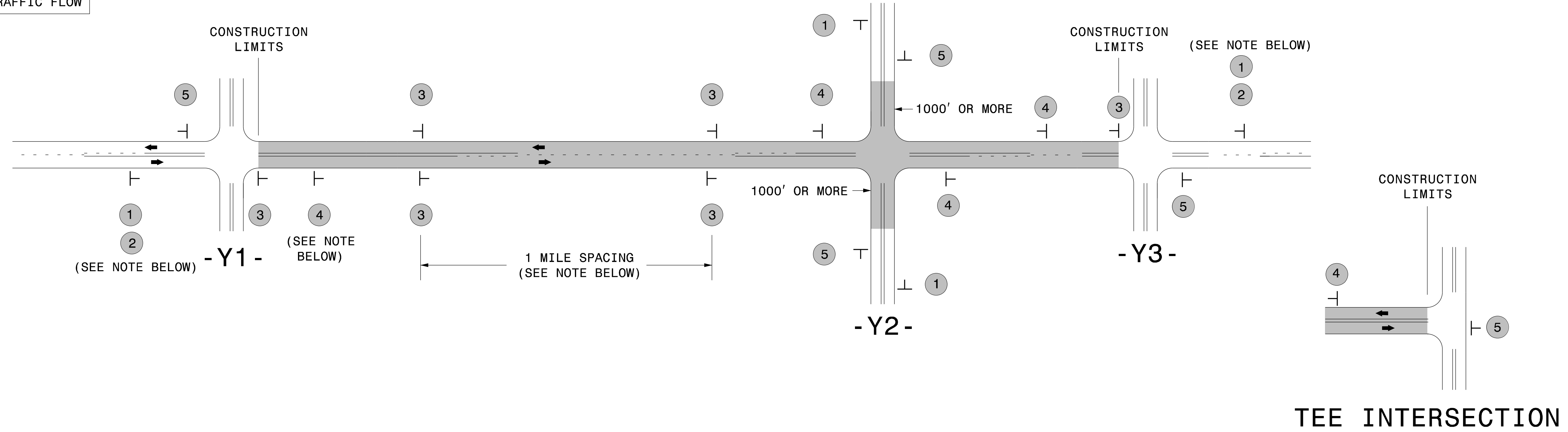
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

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



SIGNING FOR RESURFACING PROJECTS

LEGEND
 ┆ STATIONARY SIGN
 ← DIRECTION OF TRAFFIC FLOW



MAINLINE (-L-) SIGNING

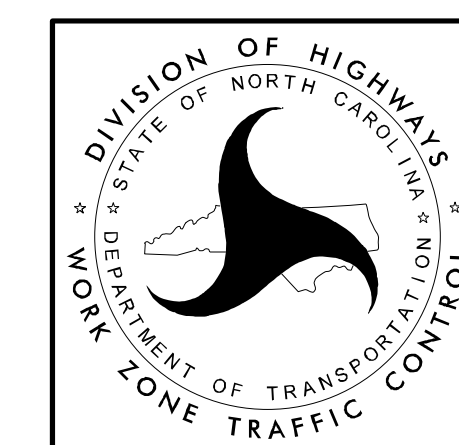
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 W20-1 48" X 48"	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.	<p>NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) 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;"> W20-1 48" X 48" </div> <div style="text-align: center;"> W20-7 A 48" X 48" </div> </div> <p>PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
	2	 W7-3aP 24" X 18"	#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	
	3	 SP 13107 48" X 48"	<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	 SP 13106 48" X 48"	<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	 G20-2 A 48" X 24"	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	

THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

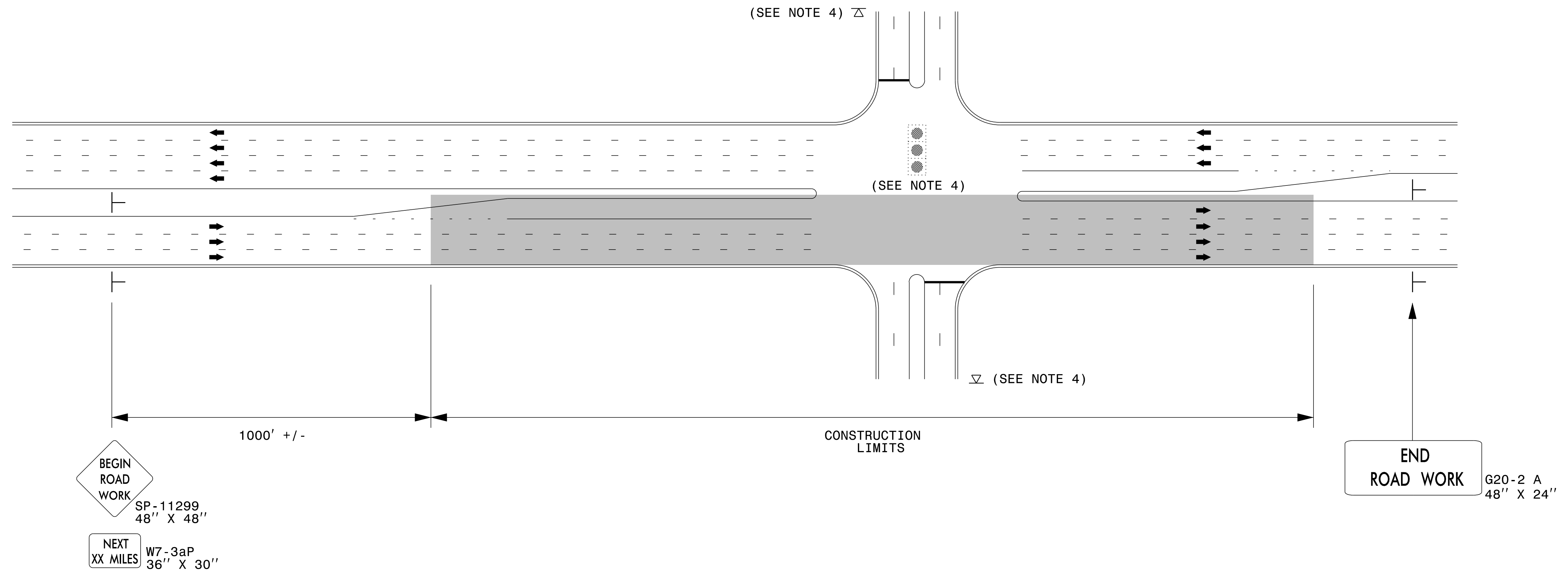
MAPS LESS THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.



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

URBAN / SUBURBAN WORKZONES

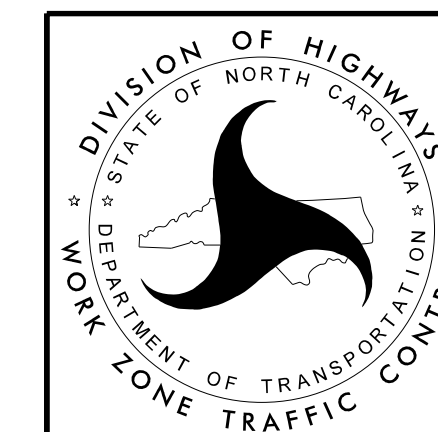


NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

LEGEND

- ┆ STATIONARY SIGN
- ➔ DIRECTION OF TRAFFIC FLOW



**RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES**