

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

October 15, 2024

CONTRACT: DB00601 TIP NUMBER: BO-2402A WBS ELEMENT: 50931.3.3

COUNTY: BEAUFORT, GREENE, LENOIR, AND PITT

ROUTE: VARIOUS

DESCRIPTION: TAP ADA COMPLIANT CURB RAMPS AT VARIOUS

LOCATIONS IN BEAUFORT, GREENE, LENOIR, AND PITT

COUNTIES

ADDENDUM 1

TO: PROSPECTIVE BIDDERS

Please note the following revisions to the plans.

• Revision of Page 27, Ramp 2323.

Please replace the Plans that were included in the advertisement with the attached Plans.

Please make sure to sign the addendum page in the proposal to acknowledge this addendum.

Sincerely,

Docusigned by:

Mary Voelker Moore

714C11DCCEBC4C6...

Mary Voelker Moore, PE Division Contract Engineer

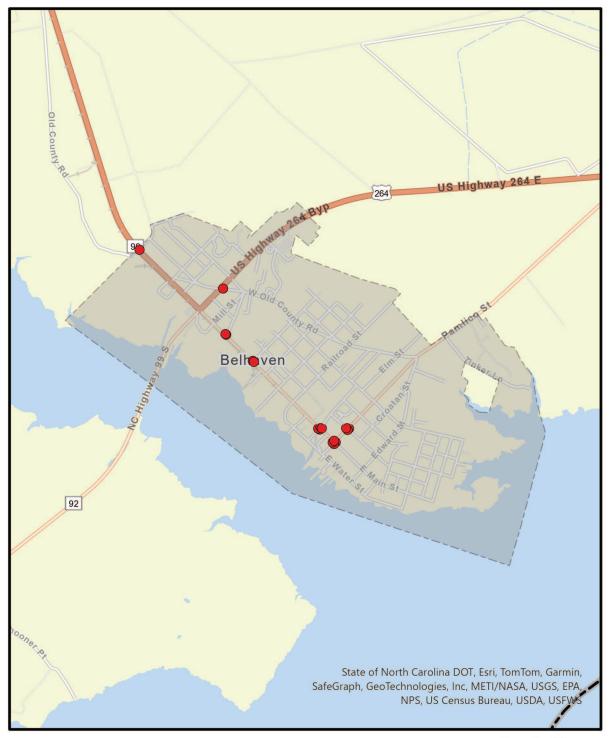
cc: Mr. Chris Smith

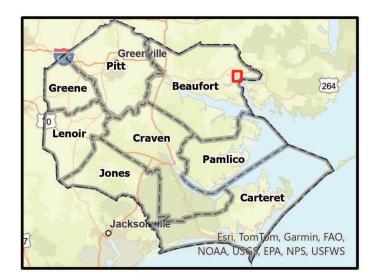
Mr. Jason Beasley

Mr. Michael Aman, PE

Website: www.ncdot.gov

Ms. Heather C. Lane, PE Mr. Aaron Bullard, PE Mr. Jordan Scott, PE





DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Belhaven

LEGEND

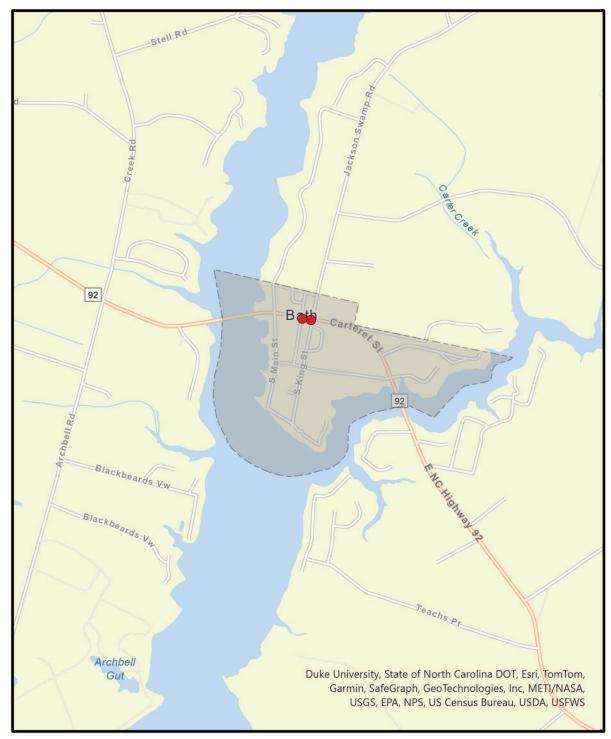
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

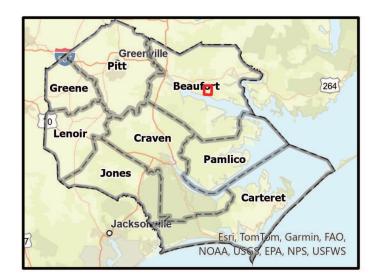




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Bath

LEGEND

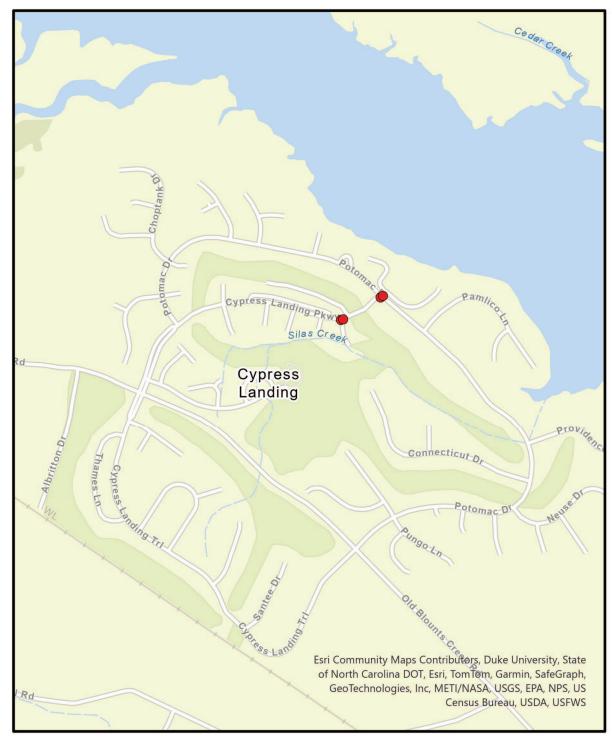
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

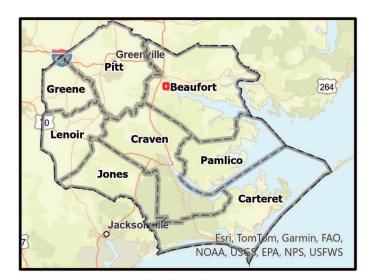




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Chocowinity

LEGEND

- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

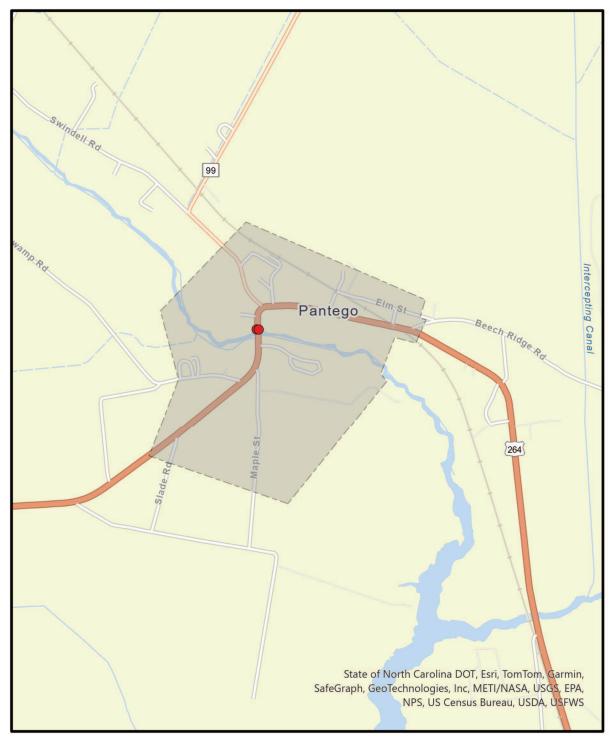


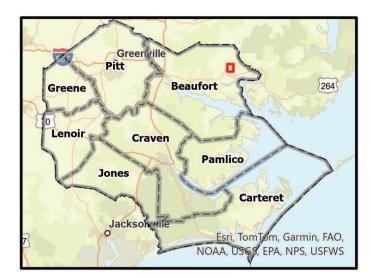


DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:

Page 3 of 8





DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Pantego

LEGEND

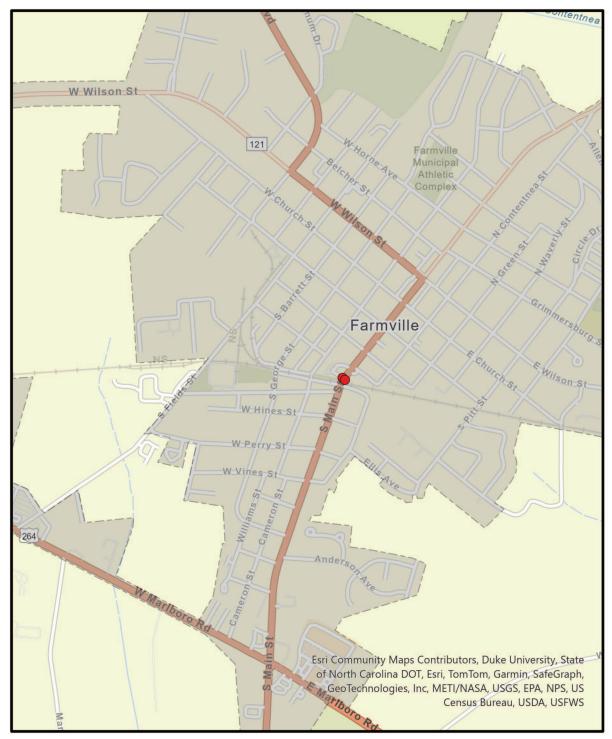
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

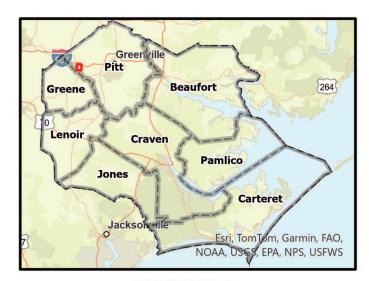




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Pitt County Farmville

LEGEND

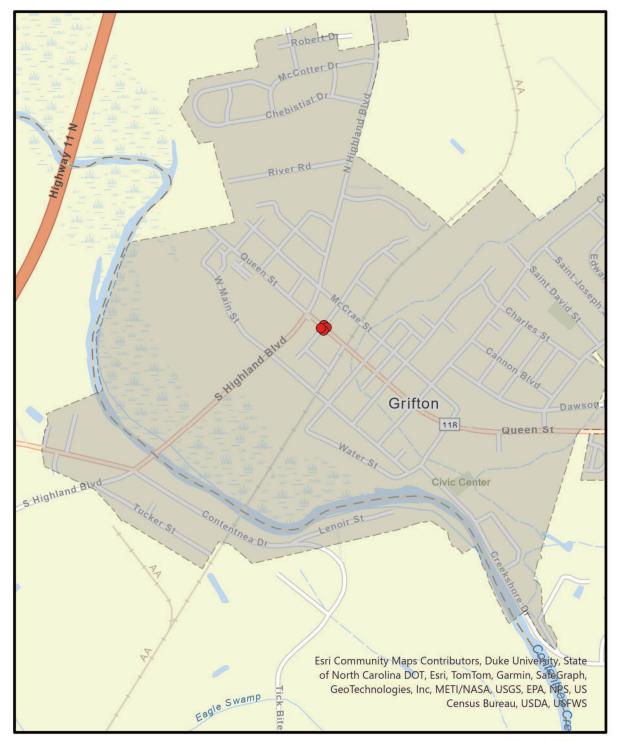
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

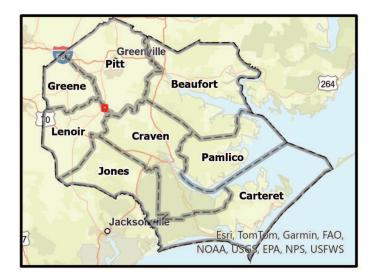




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Pitt County Grifton

LEGEND

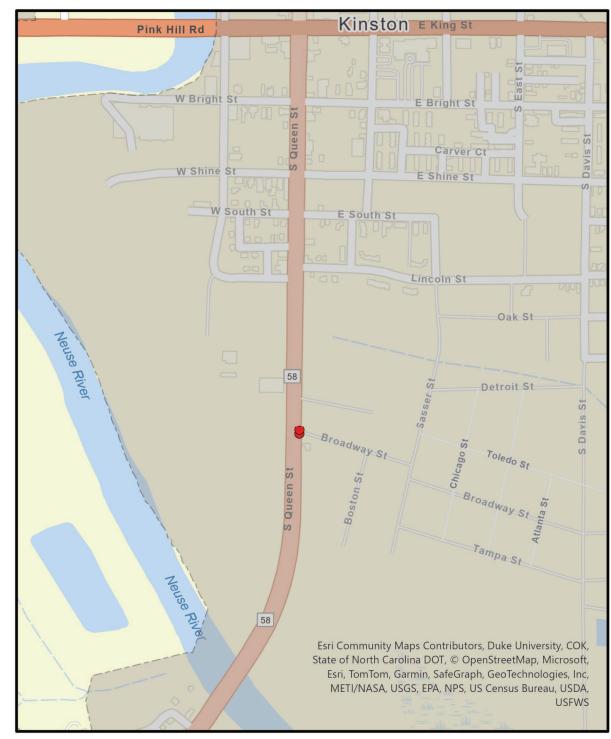
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

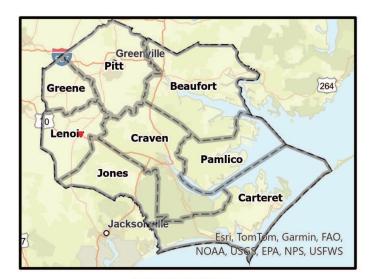




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Lenoir County Kinston

LEGEND

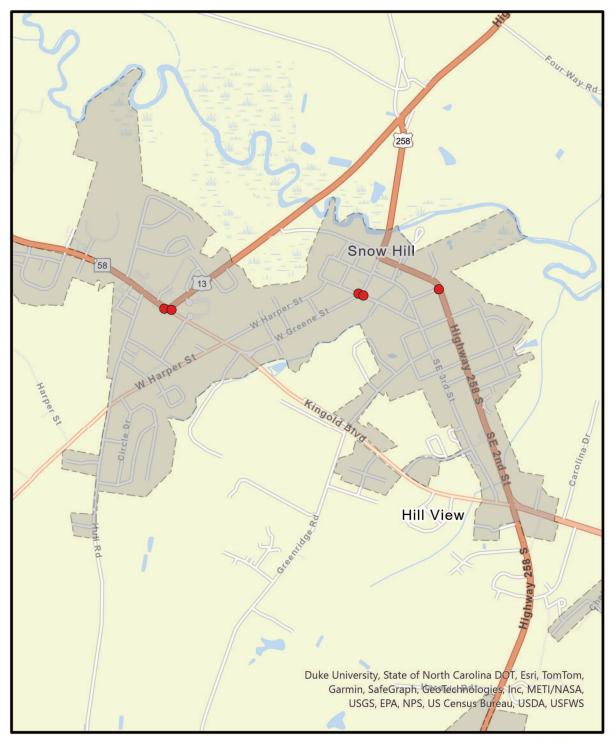
- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
- Non-Compliant Curb Ramp

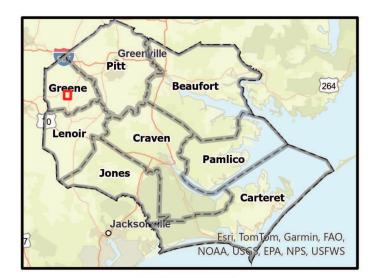




DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:





DIVISION 2 NON-COMPLIANT CURB RAMPS Greene County Snow Hill

LEGEND

- NCDOT Div 2 Municipal Boundaries
- NCDOT Div 2 Boundary Line
 - Non-Compliant Curb Ramp





DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:

Page 8 of 8



NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Beaufort - Bath

STIP Project: BO-2402A

FA Project No.: 5093101

	•
	Recommendations
Ramp #	Proposal
264	Remove existing ramp and replace with Type 1D ramp
269	Remove existing ramp and replace with Type 1D ramp





NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Beaufort - Pantego

STIP Project: BO-2402A

FA Project No.: 5093101

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	Recommendations	antego Fire Station 88	25690
Ramp #	Proposal	Mail Mail	
1909	Remove existing ramp and replace with Type 1A ramp	Main St Mill Pond Rd	
1910	Add Type 1A ramp	Pon	
		Rd Rd	
			1910
		1909	The state of the s
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		Pungo River	
		Main St	· · · · · · · · · · · · · · · · · · ·
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NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Beaufort - Belhaven

STIP Project: BO-2402A

	Recommendations
Ramp #	Proposal
174	Remove existing ramp and replace with Type 1 Modified ramp
175	Remove existing ramp and approximately 56' sidewalk, replace with sidewalk and Type 1 Modified ramp
178	Remove existing ramp, approximately 11' sidewalk, and replace with sidewalk and Type 1 ramp
179	Remove existing ramp and replace with Type 1 ramp

STIP Project: BO-2402A

FA Project No.: 5093101

WBS: 50931.3.3

2115	Project: BO-2402A	FA Project No.: 5093101	WBS: 50931.3.3
	Recommendations		
Ramp#	Proposal	264	
226	Remove approximately 20' curb and gutter, replace with curb and gutter and Type I Modified ramp		Cemetery Rd
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		264 Cernetery	
		Center	
		226	
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			Way .
			WARINS
		Southern States - Balhavan Agronomy	

STIP Project: BO-2402A

FA Project No.: 5093101

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	Recommendations		公	
Ramp#	Proposal			
192	Remove existing ramp and approximately 11' of sidewalk, replace with sidewalk and Type IA ramp			
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			2	
		264		
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		Stock up. Buy	Little as 30	is OMfins

Ramp#

203

204

205

206

W/RS: 50931 3 3

STIP Project: BO-2402A

Recommendations

FA Project No.: 5093101

FA Project No.: 5093101	WBS: 50931.3.3
	*Note: Coordinate resetting
	stop sign with Division Traffic Services.
Bank (s)	
aven 204 Pillenst	206 orial Museum orarily closed
203 and	Associates Fish Hooks Cafe
	EUS (264)
d Jones - Financial or: Mike	G Carte
EG ST.	Milling Guit Lin
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STIP Project: BO-2402A

	FA Pro	iect	No.:	5093101
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	•	,			
	Recommendations		Switch to Uscellulare		264 264
Ramp #	Proposal	Belhaven Beau	by Bar		
60	Remove existing ramp and replace with a Type 4 ramp	Belhaven Beaut Newly Reno Belhavens Olde	vated - Communication St. Sa	310	
61	Remove existing ramp and replace with a Type 4 ramp	200			*Note: Coordinate Intersection stripping needs
62	Remove existing ramp and replace with a Type 4 ramp	rbread Bakery	33	63	with Division Traffic Services
63	Remove existing ramp and replace with a Type 4 ramp	als Snack Bar	1 1/8	03	
		286			
			62		Municipal Building
		Cloud 9 Greamery Belhaven	02		325
		lee Gream 265			
		257		61	U Belhaven
		208			
			263	276	ARII S
		110 1	266		
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STIP Project: BO-2402A

FA Project No.: 50	93101
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	Recommendations
Ramp #	Proposal
394	Remove existing ramp approximately 20' curb and gutter, replace with a Type I Modified ramp and curb and gutter
395	Remove approximately 20' sidewalk and replace with sidewalk and a Type I Modified ramp
396	Remove existing ramp and replace with a Type I ramp
397	Remove existing ramp approximately 20' curb and gutter, replace with a Type I Modified ramp and curb and gutter



NORTH CAROLINA

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Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Beaufort - Chocowinity

STIP Project: BO-2402A

FA Project No.: 5093101

Recommendations		
Ramp #	Proposal	
3248	Remove existing ramp and replace with Type 1 Modified ramp	
3249	Remove existing ramp and replace with Type 1 ramp	
3251	Remove existing ramp and approximately 9' sidewalk, replace with sidewalk, adjust 2 valves and Type 1A ramp	
3252	Remove existing ramp and approximately 9' sidewalk, replace with sidewalk and Type 1A ramp	





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Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Greene-Snow Hill

STIP Project: BO-2402A

FA Project No.: 5093101

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Recommendations	Sand Series	The same	1	La Company	\$
Proposal		12	102	7	
Remove existing ramp and replace with Type 3 ramp			1	100	
Remove existing ramp and replace with Type 1 Modified ramp			A Constitution of the	Son H	70
	44		2270	3//	
	NW Alb St		3270	7/6	AR
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	100	1		Total Control	3272
		e St		Maria.	9
	M Green	N. W.			
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		102		Was to	
	Recommendations Proposal Remove existing ramp and replace with Type 3 ramp Remove existing ramp and replace with Type 1 Modified	Remove existing ramp and replace with Type 3 ramp Remove existing ramp and replace with Type 1 Modified ramp	Proposal Remove existing ramp and replace with Type 3 ramp Remove existing ramp and replace with Type 1 Modified ramp Www.ath.st	Proposal Remove existing ramp and replace with Type 3 ramp Remove existing ramp and replace with Type 1 Modified ramp	Remove existing ramp and replace with Type 3 ramp and replace with Type 1 Modified ramp Windly St. Greene St. Windly St.

STIP Project: BO-2402A

FA Project No.: 5093101

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	Recommendations	
Ramp#	Proposal	258
3393	Remove existing ramps and replace with Type 1 Modified ramp	
		SK Plud St
		Oak St
		0ak 51 3393
		# 1 F
		258
		Happer Frank H CPA

STIP Project: BO-2402A

FA Project No.: 5093101

WBS: 50931.3.3

21151	Project: BO-2402A	FA Project No.: 5093101	WBS: 50931.3.3
	Recommendations		
Ramp #	Proposal		
3301	Remove existing ramp and replace with Type 3 ramp		
3347	Remove existing ramp and replace with Type 4B ramp		
			13
		3301	
			3347
			3347
		13	
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NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Lenoir - Kinston

Ramp#

2321

2323

WBS: 50931.3.3

STIP Project: BO-2402A

Recommendations

Proposal

Remove both ramps, remove

abandoned asphalt apron between the ramps and remove approximately 9' of damaged

sidewalk and install sidewalk and

section.

FA Project No.: 5093101

	8us (70)	
barber shop Mills International Clawn mower store	8US 258	
	S Queen St	2321 Broad Way St 2323 er's Detailing
B.J. 25	1	Broadwayst



NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Pitt-Farmville

STIP Project: BO-2402A

Recommendations			
Ramp#	Proposal		
2054	Remove ramp and approximately 9' of sidewalk and 10' of curb and gutter. Install Type I Modified ramp with sidewalk and curb and gutter. Adjust manhole		
2055	Remove existing ramp, Install Type 1 ramp.		

FA Project No.: 5093101 WBS: 50931.3.3





NORTH CAROLINA

Department of Transportation



















Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

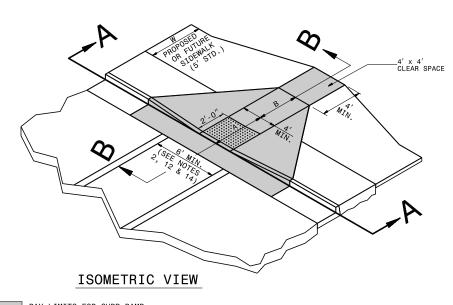
Pitt-Grifton

STIP Project: BO-2402A

FA Project	No.:	5093101
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Recommendations				
Ramp #	Proposal			
1534	Remove existing ramp and replace with Type 1 ramp Remove existing ramp and			
1535	replace with Type 1 ramp			
1536	Remove existing ramp and replace with Type 1 ramp			
1537	Remove existing ramp and replace with Type 1 Modified ramp			

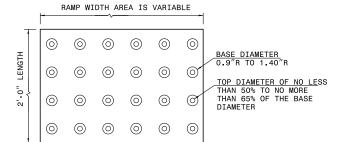




PAY LIMITS FOR CURB RAMP

DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



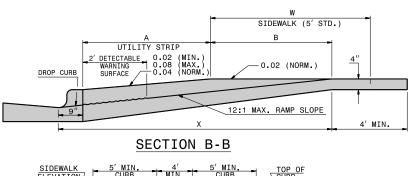
0.9" TO 1.4"	0.65" MIN	.50″	1.6"	то
7. A. O. Q. A.		. O .	0 . 0 . 0	

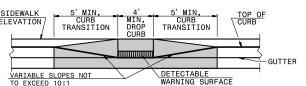
DETECTABLE WARNING SURFACE

W	Α	W+A+9"	Х	В
5'	0.0'	5.8'	5.8'	5.0'*
6′	0.0'	6.8'	6.8'	6.0'**
7′	0.0'	7.8'	7.3'	6.5'**
8′	0.0'	8.8'	7.3'	6.5'**
5′	2.0'	7.8'	7.8'	5.0'
5	2.5'	8.3'	8.1'	4.8'
5′	3.0'	8.8'	8.3'	4.4'
5′	3.5	9.3'	8.4'	4.1'
5'	4 0'	9.8'	8.6'	3.8'
5′	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

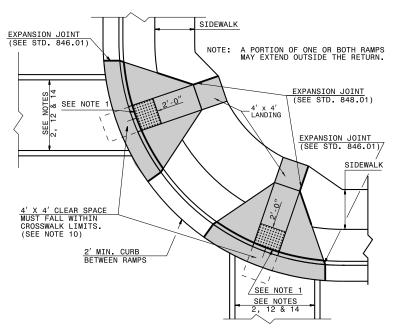
B = X - (A+9'')

- B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.
- BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
- ** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.



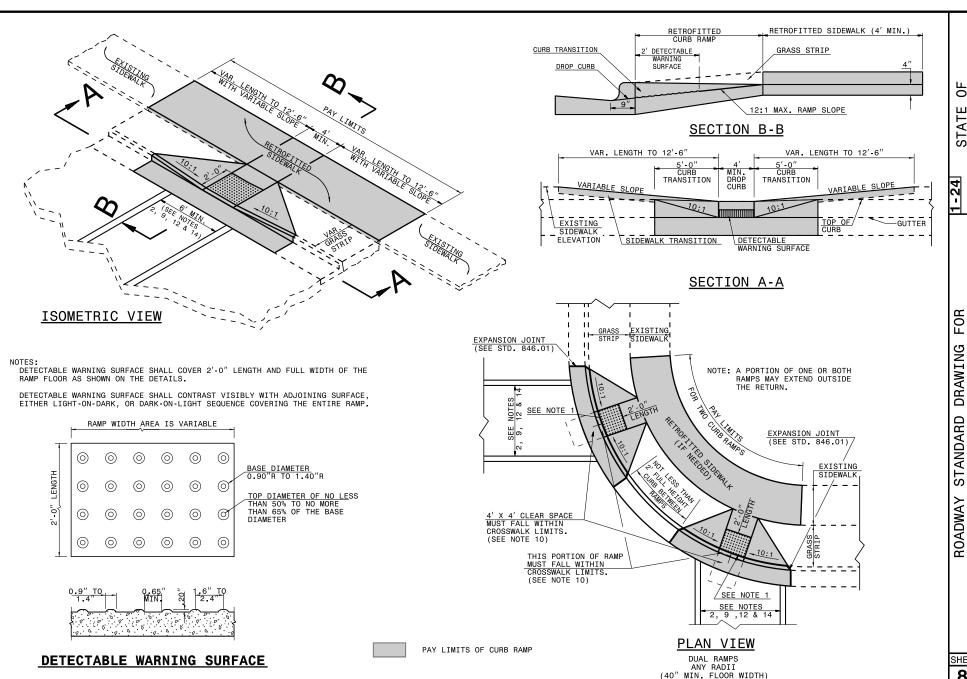


SECTION A-A



PLAN VIEW

DUAL RAMPS ANY RADII (4' MIN. FLOOR WIDTH)



-24 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. DEPT

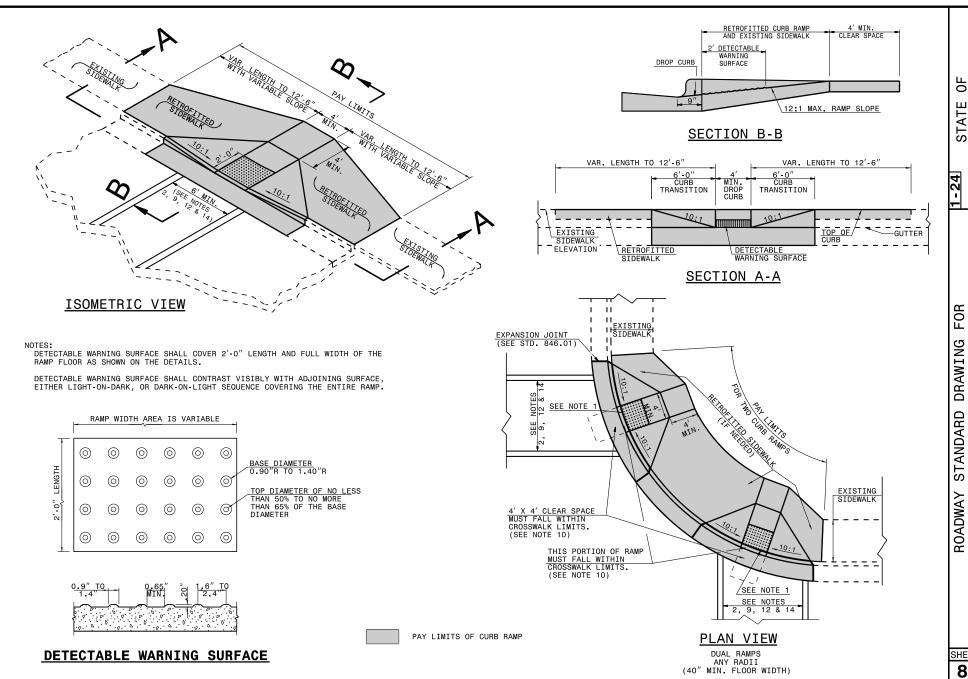
> SIDEWALK EXISTING RAMP CURB AND RAMP CURB

STRII

GRASS

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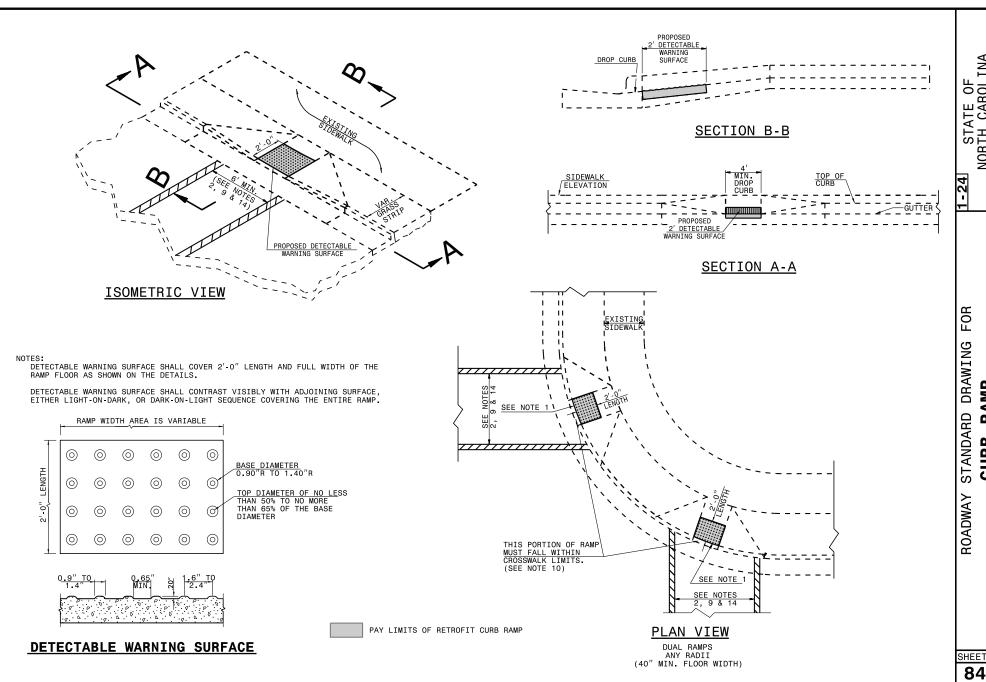
SHEET 2 OF 13 848.06



1-24 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

CURB RAMP
RAMP AND EXISTING SIDEWALK
ADJACENT TO CURB

SHEET 3 0F13 **848 . 06**



NORTH CARÓLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C. DEPT SURFACE

WARNING RAMP CURB

RAMP

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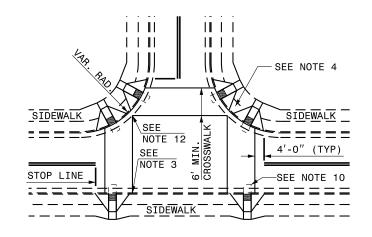
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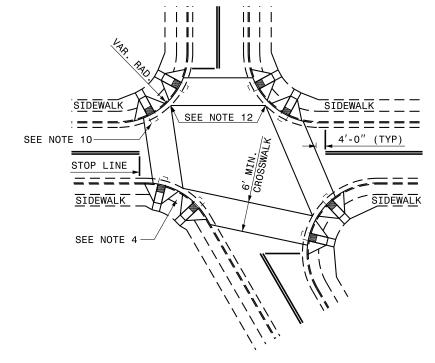
SHEET 4 OF 13

848.06

ALLOWABLE LOCATIONS DUAL RAMP RADII.....ANY

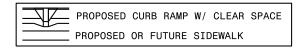


DETAIL SHOWING TYPICAL LOCATION OF CURB RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF CURB RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES





TYPE 1 MODIFIED

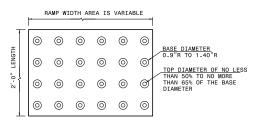
DETECTABLE WARNING SURFACE 5'-0" MAX 1 SIDEWALK 3 0000 CONCRETE DEPRESSED CURB DEPRESSED 2'-6" -CURB & GUTTER 8.33% (12:1) MAX SLOPE - CLEAR SPACE WIDTH

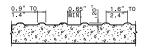
6" CONCRETE CURB-

- TYPE 1
- 1) 8.33% (12:1) MAX RAMP SLOPE
- CROSS SLOPE: 2.00%
- 3 MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE

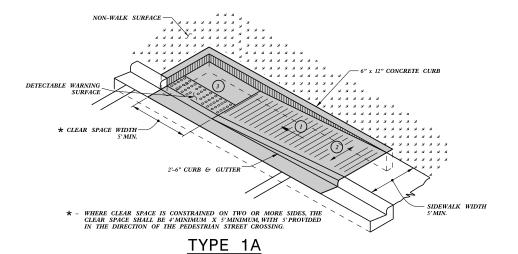
NOTES: DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.





DETECTABLE WARNING SURFACE



PAY LIMITS FOR 1 CURB RAMP

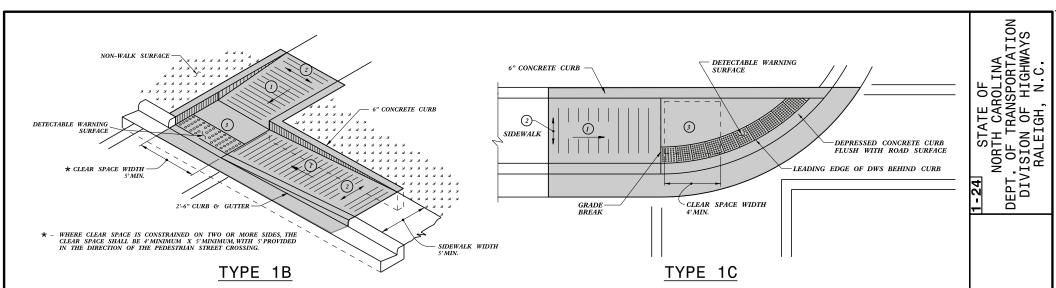
SIDEWALK 5' MIN.

FOR STANDARD DRAWING DIRECTIONAL RAMP RAMP CURB

ROADWAY

SHEET 6 OF 13

848.06



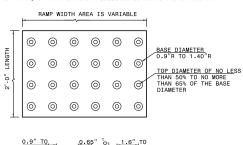
(1) 8.33% (12:1) MAX RAMP SLOPE

(2) CROSS SLOPE: 2.00%

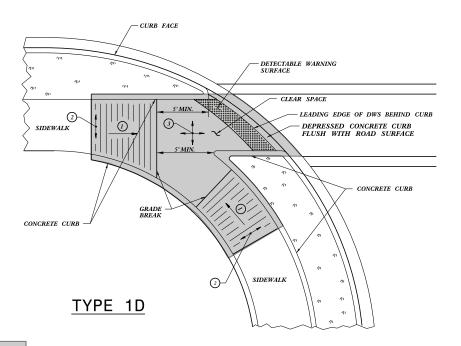
MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

NOTES: DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



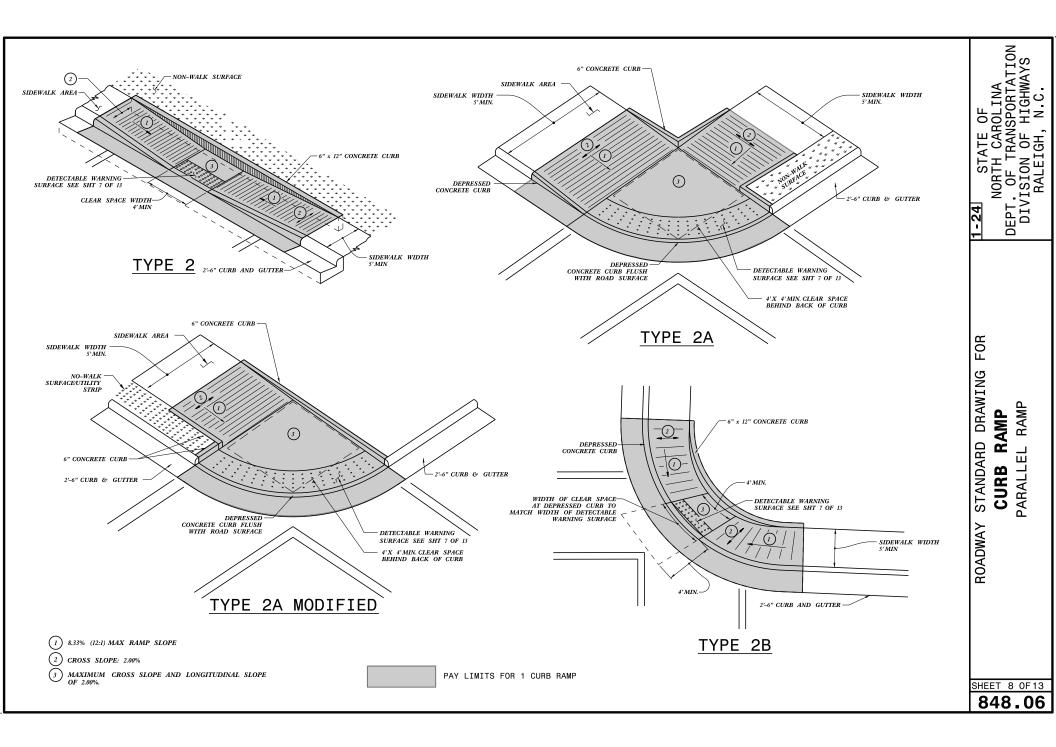
DETECTABLE WARNING SURFACE



PAY LIMITS FOR 1 CURB RAMP

FOR STANDARD DRAWING DIRECTIONAL RAMP CURB ROADWAY

SHEET 7 OF 13 848.06



RAMP

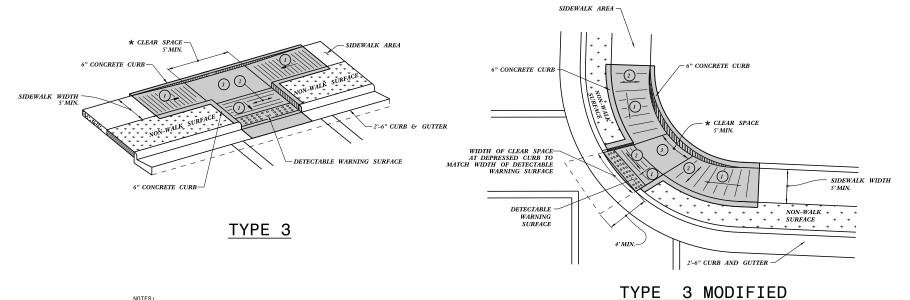
STANDARD DRAWING

PARALLEL

SHEET 9 OF 13

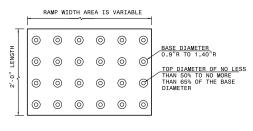
848.06

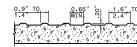
* - WHERE CLEAR SPACE IS CONSTRAINED ON TWO OR MORE SIDES. THE CLEAR SPACE SHALL BE 4 MINIMUM X S'MINIMUM, WITH S'PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.



NOTES:
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.





DETECTABLE WARNING SURFACE

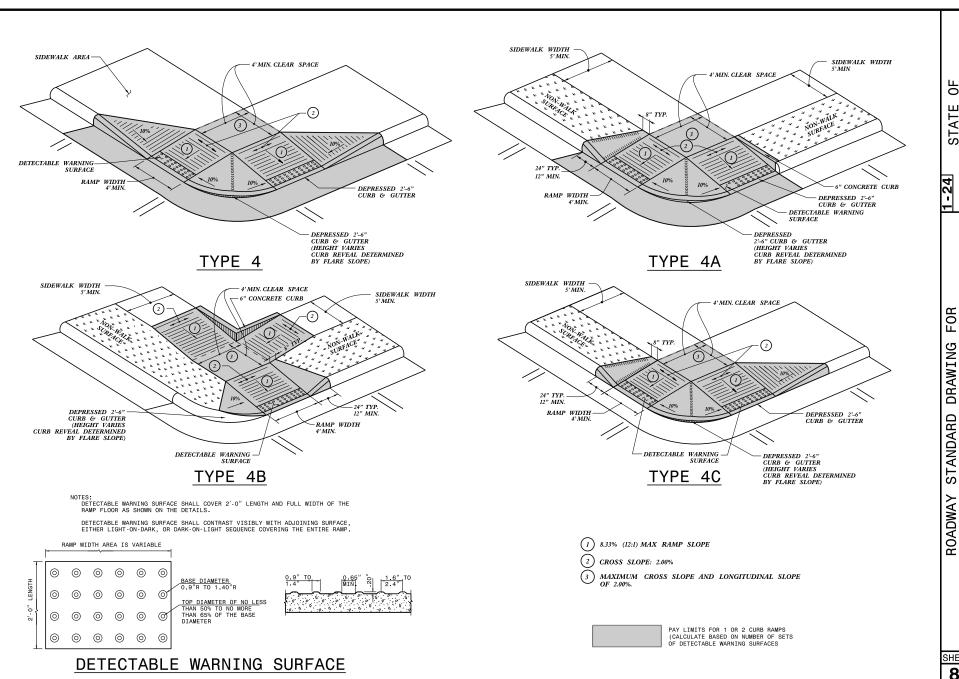
1) 8.33% (12:1) MAX RAMP SLOPE

(2) CROSS SLOPE: 2.00%

3) MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

PAY LIMITS FOR 1 CURB RAMP

INSTALLATION IN A RADIUS



-24 STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. DEPT

> RAMP CURB

LANDING SHARED

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ROADWAY MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

GRADE BREAK

2'-6" CURB & GUTTER

SIDEWALK WIDTH 5'MIN.

PAY LIMITS FOR 1 OR 2 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF DETECTABLE WARNING SURFACES)

6" CONCRETE CURB

6" CONCRETE CURB

WHERE CLEAR SPACE IS CONSTRAINED ON TWO OR MORE SIDES, THE CLEAR SPACE SHALL BE 4'MINIMUM X 5'MINIMUM, WITH 5'PROVIDED IN THE DIRECTION OF THE PEDESTRAIN STREET CROSSING.

TYPE 5A

(1) 8.33% (12:1) MAX RAMP SLOPE

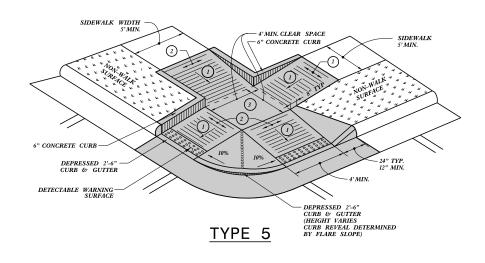
(2) CROSS SLOPE: 2.00%

SIDEWALK WIDTH 5'MIN.

★- 5'X 5'MIN. CLEAR SPACE

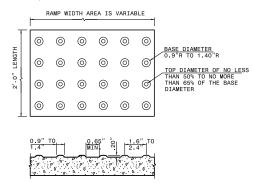
SURFACE W

(1)



DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



DETECTABLE WARNING SURFACE

FOR



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STANDARD DRAWING ROADWAY



NOTH TO PLACE DONES MONOLITHIC CONCRETE ISLAND (SEE STANDARD 852.01) DETECTABLE WARNING SURFACE EXPANSION JOINT (BOTH SIDES)

> MEDIAN ISLAND WITH CUT THROUGH

TYPE 7



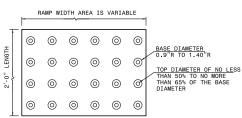
PAY LIMITS FOR 2 OR 3 CURB RAMPS (CALCULATE BASED ON NUMBER OF SETS OF DETECTABLE WARNING SURFACES)

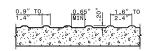
TRIANGULAR ISLANDS MAY BE CONSTRUCTED WITH ONLY 2 POINTS OF ENTRY AND EXIT AS SHOWN IN THE ROADWAY PLANS OR AS DIRECTED BY THE ENGINEER.

MIN. DIAMETER CLEAR SPACE

NOTES: DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.





DETECTABLE WARNING SURFACE

FLARE EXPANSION JOINT (BOTH SIDES) DETECTABLE WARNING SURFACE

TRIANGULAR ISLAND

WITH CUT THROUGH

TYPE 6

DETECTABLE WARNING SURFACE

MONOLITHIC CONCRETE ISLAND (SEE STANDARD 852.01)

EXPANSION JOINT

MEDIAN ISLAND CURB RAMPS

TYPE 8

DEPT

CURB ROADWAY

NOTES:

- 1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
- 2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
- COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
- SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
- REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
- TERMINATE PARKING A MINIMUM OF 20' FROM THE BACK OF PEDESTRIAN CROSSWALK.
- CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
- CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
- ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
- CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
- CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
- 12. CONSTRUCT CLEAR SPACES FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT CLEAR SPACES FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. IF CONSTRAINED ON TWO OR MORE SIDES, THE THE CLEAR SPACE SHALL BE 4' MINIMUM X 5' MINIMUM, WITH 5' PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
- 13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA. MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
- 14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'X5' CLEAR SPACE AT THE TOP OF RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
- 15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP, WHERE THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE. OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
- 16. PLACE A $\frac{1}{2}$ " EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01.
- 17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
- 18. DETECTABLE WARNING SURFACES WILL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
- 19. DETECTABLE WARNING SURFACES WILL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.

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