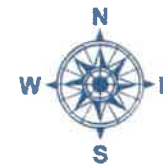


## DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Belhaven

### LEGEND

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



### DIVISION OF HIGHWAYS - DIVISION 2

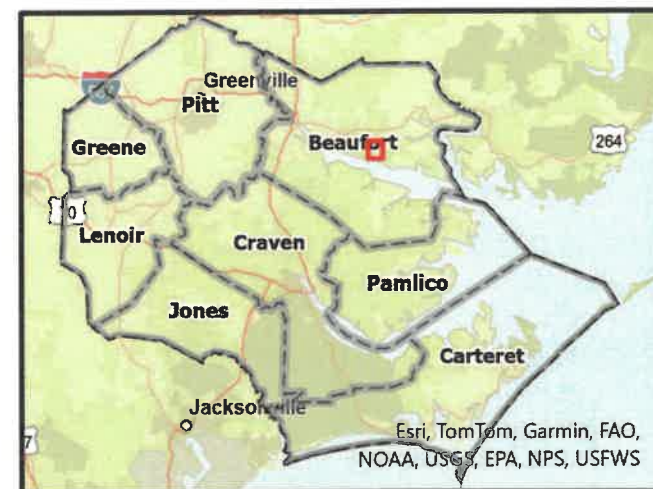
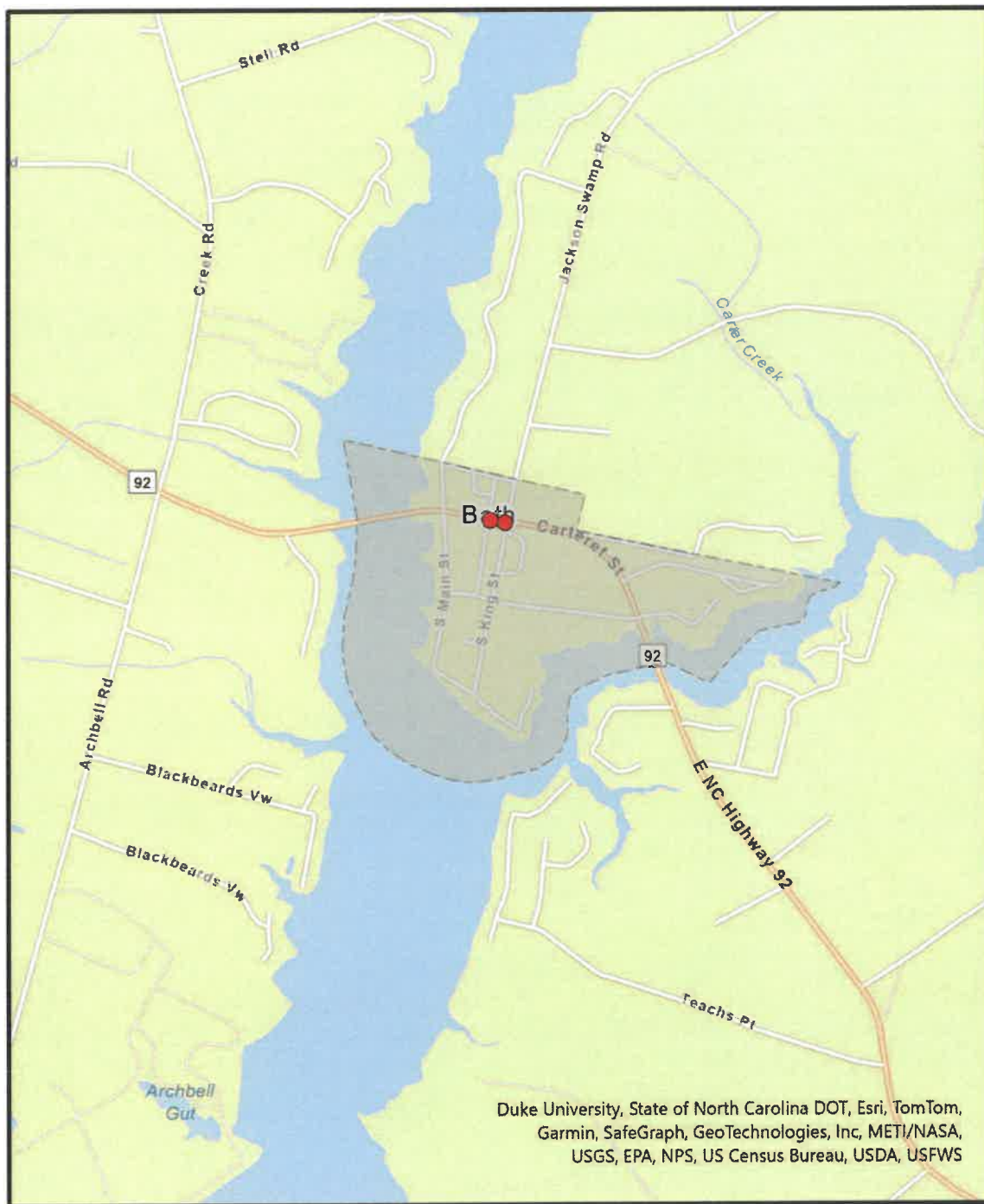
PREPARED BY:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS




PROJECT DEVELOPMENT UNIT

1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835



## DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Bath

### LEGEND

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

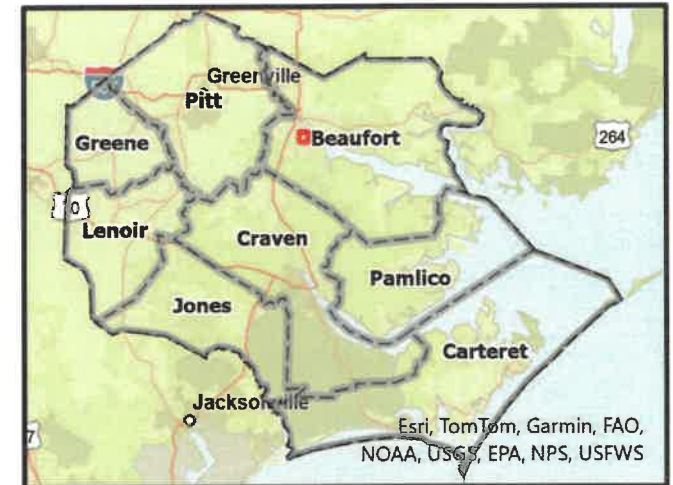


### DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PROJECT DEVELOPMENT UNIT  
1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835

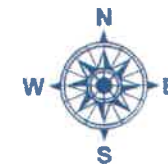




## DIVISION 2 NON-COMPLIANT CURB RAMPS Beaufort County Chocowinity

### LEGEND

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



### DIVISION OF HIGHWAYS - DIVISION 2

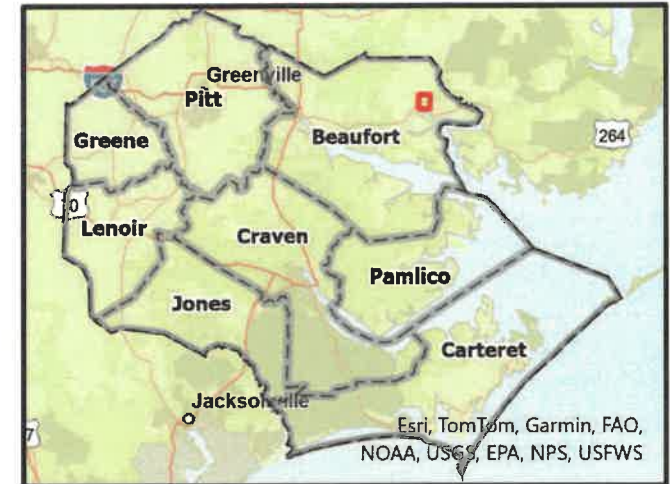
PREPARED BY:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROJECT DEVELOPMENT UNIT

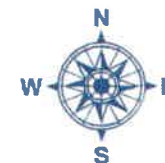
1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835



## 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:

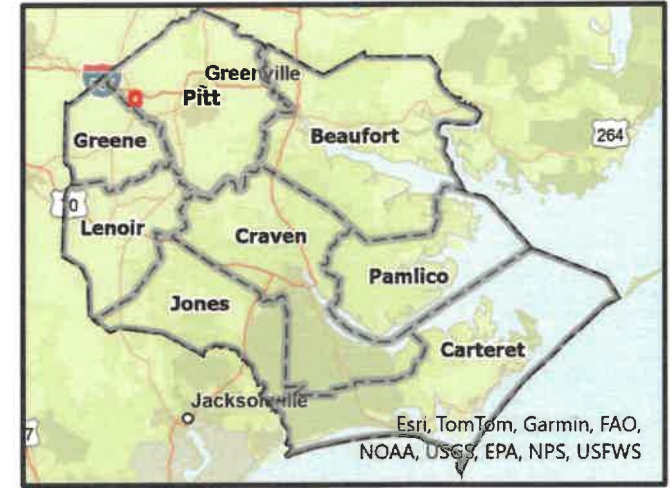
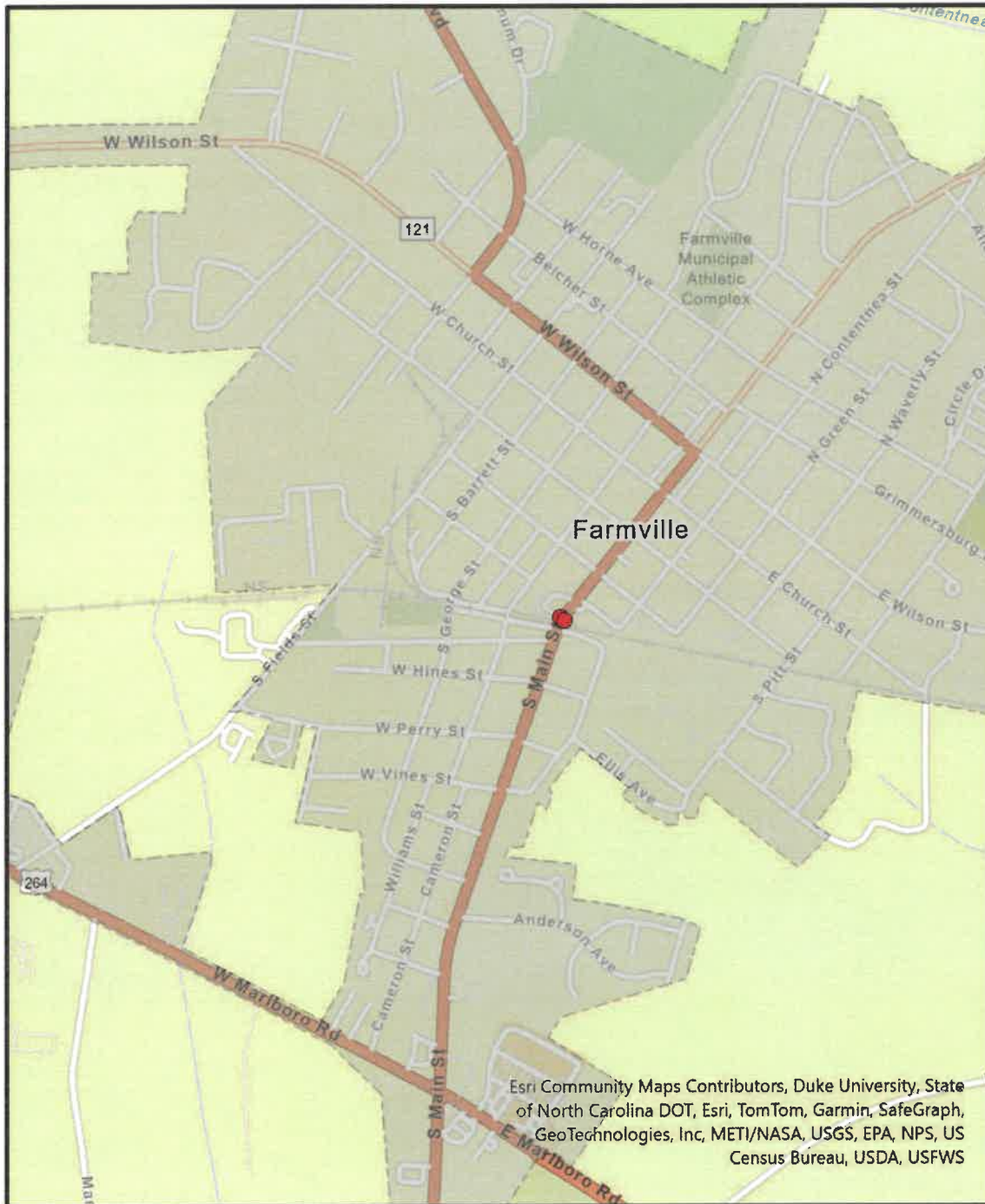
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROJECT DEVELOPMENT UNIT

1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835

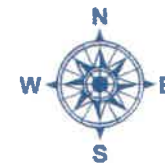




## DIVISION 2 NON-COMPLIANT CURB RAMPS Pitt County Farmville

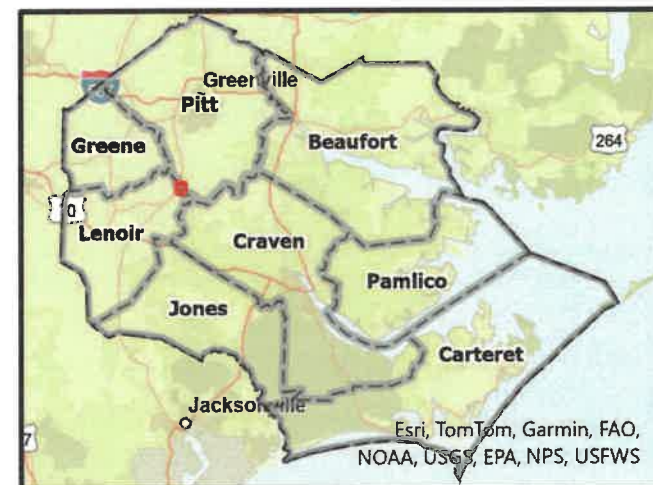
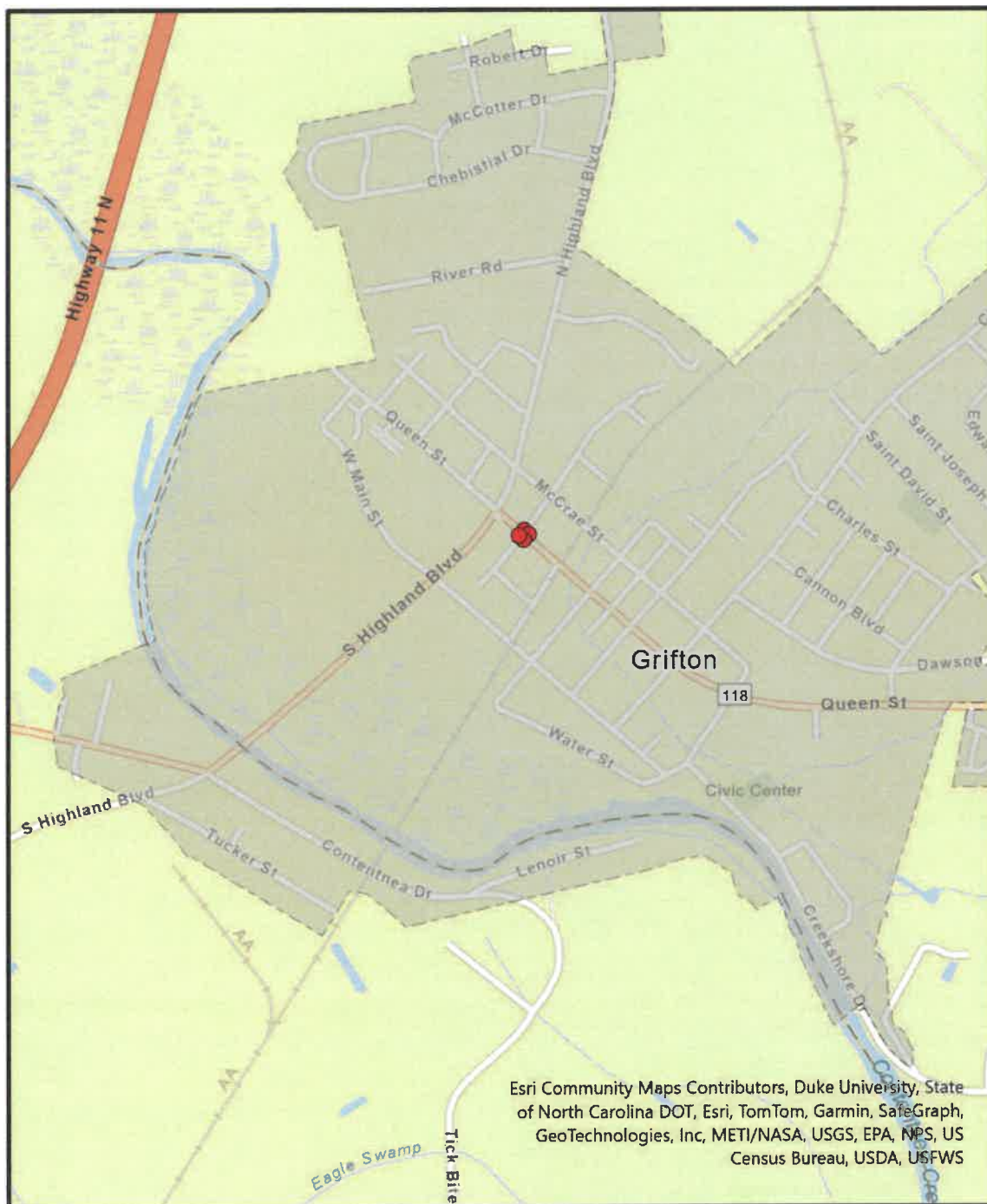
### LEGEND

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



### DIVISION OF HIGHWAYS - DIVISION 2

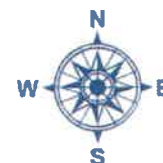
PREPARED BY:  
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PROJECT DEVELOPMENT UNIT  
1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835



## DIVISION 2 NON-COMPLIANT CURB RAMPS Pitt County Grifton

### LEGEND

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

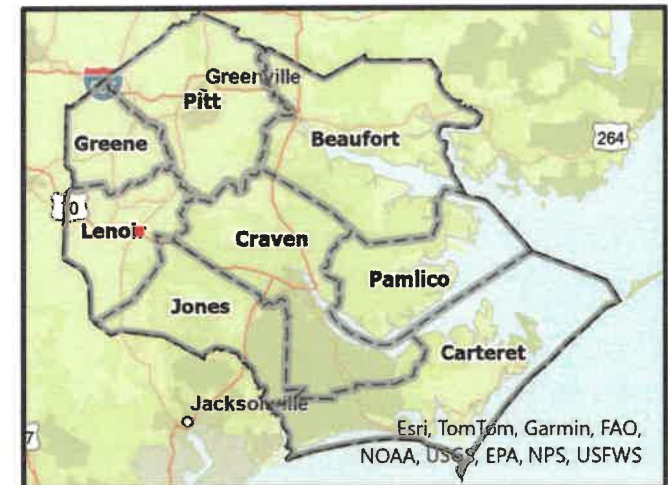
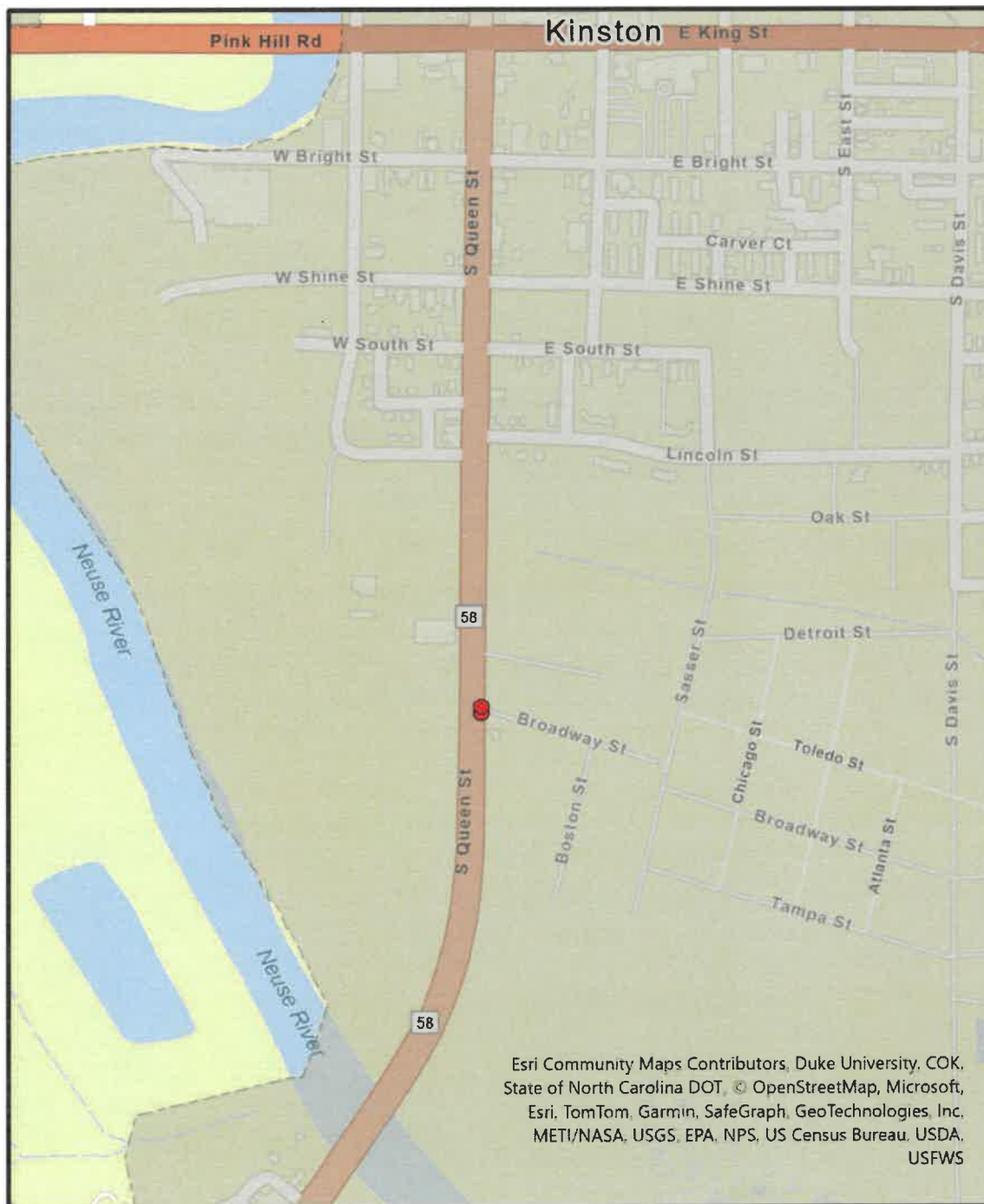


### DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PROJECT DEVELOPMENT UNIT  
1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835

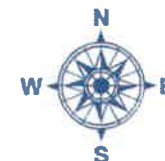




## DIVISION 2 NON-COMPLIANT CURB RAMPS Lenoir County Kinston

### LEGEND

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



### DIVISION OF HIGHWAYS - DIVISION 2

PREPARED BY:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

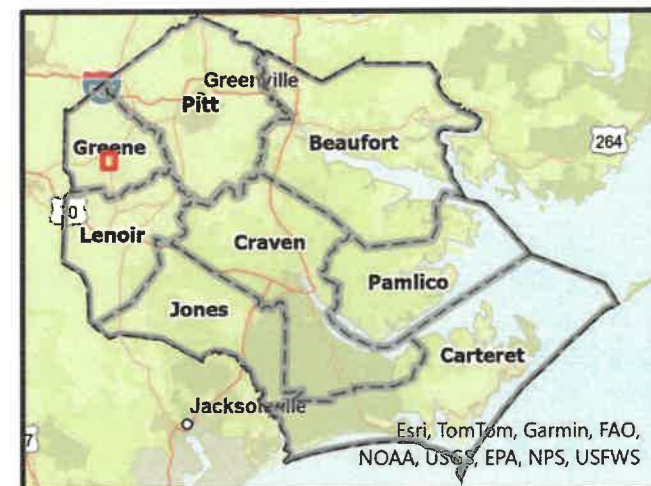
DIVISION OF HIGHWAYS

PROJECT DEVELOPMENT UNIT

1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835



Duke University, State of North Carolina DOT, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



## 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:

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROJECT DEVELOPMENT UNIT

1037 W.H. SMITH BLVD.; GREENVILLE, NC 27835





## **NORTH CAROLINA**

Department of Transportation



# Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Beaufort - Bath

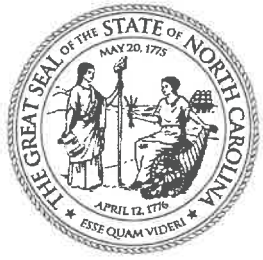
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FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]





## **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

**WBS: 50931.3.3**

[illegible]





## **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**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]

**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

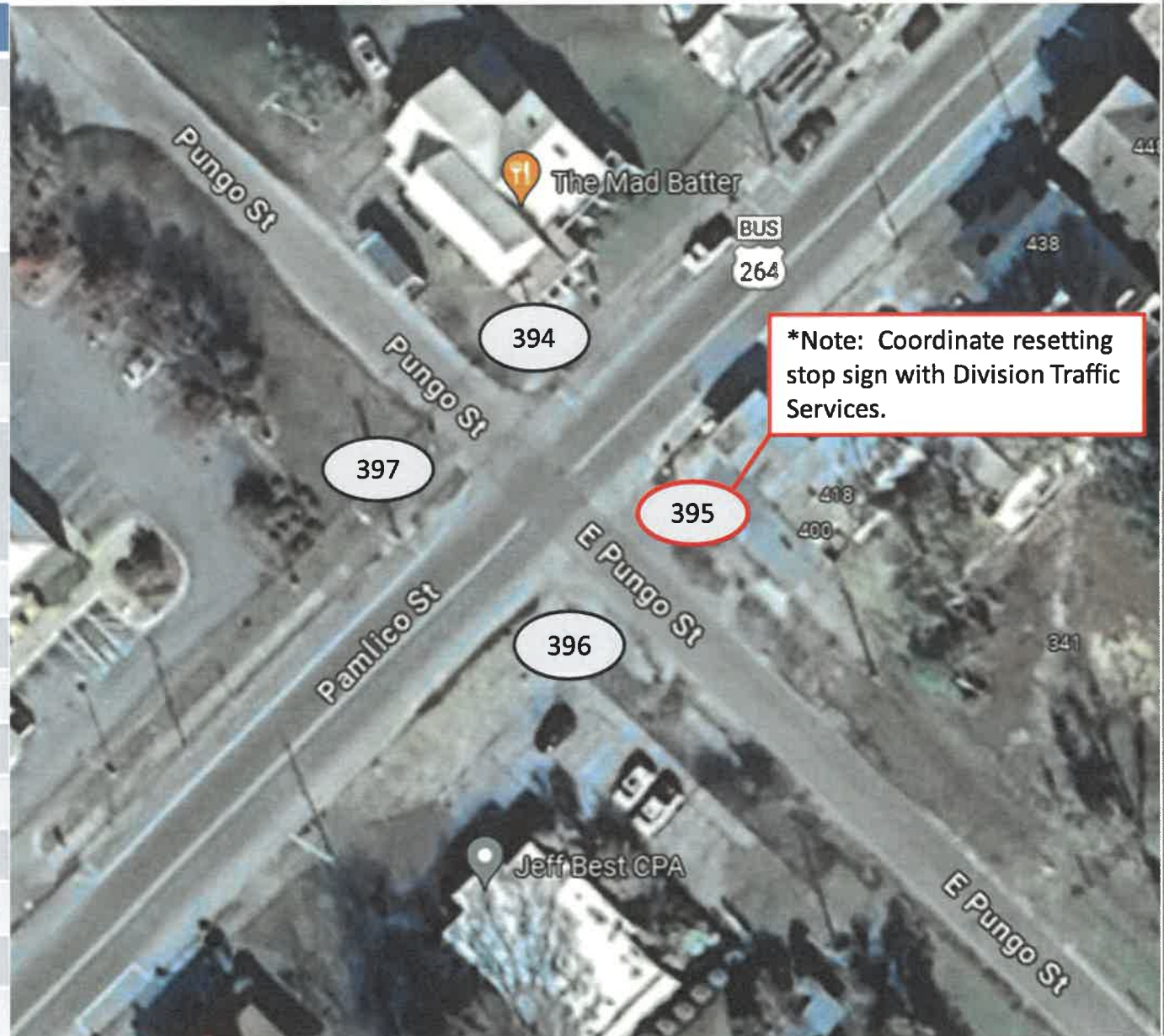
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**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



## **NORTH CAROLINA**

Department of Transportation



# 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

**WBS: 50931.3.3**

[illegible]



## **NORTH CAROLINA**

Department of Transportation



# 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

**WBS: 50931.3.3**

[illegible]

**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



## **NORTH CAROLINA**

Department of Transportation



# Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Lenoir - Kinston



**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



## **NORTH CAROLINA**

Department of Transportation



# Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Pitt-Farmville

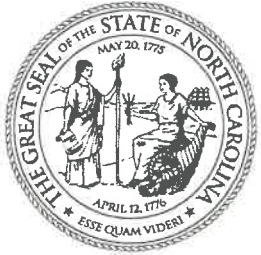


**STIP Project: BO-2402A**

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]



## **NORTH CAROLINA**

Department of Transportation



# Sidewalk Ramps Project

STIP Project: BO-2402A

FA Project No: 5093101

WBS 50931.3.3

October 2024

Pitt-Grifton

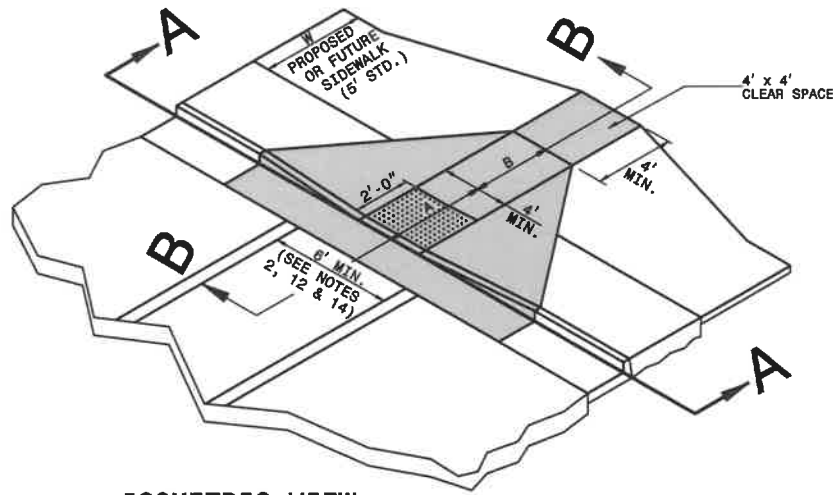


STIP Project: BO-2402A

FA Project No.: 5093101

**WBS: 50931.3.3**

[illegible]

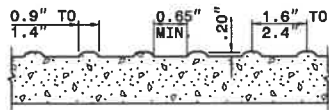
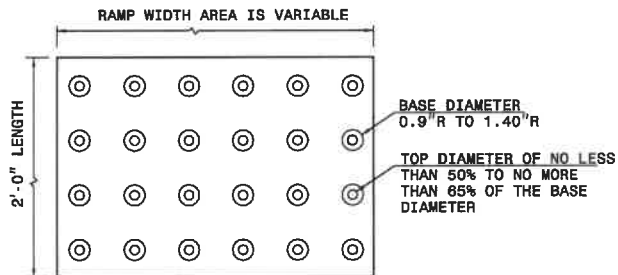


ISOMETRIC VIEW

PAY LIMITS FOR CURB RAMP

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

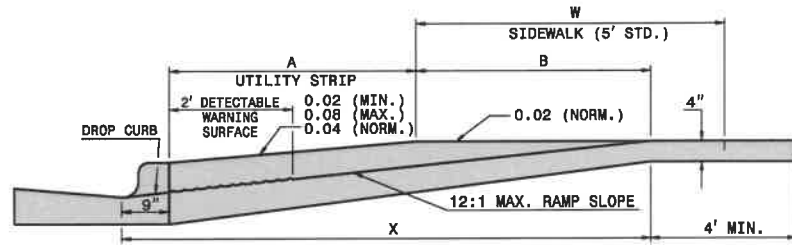
W	A	W+A+9"	X	B
5'	0.0'	5.8'	5.8'	5.0'*
6'	0.0'	6.8'	6.8'	6.0'**
7'	0.0'	7.8'	7.3'	6.5'**
8'	0.0'	8.8'	7.3'	6.5'**
5'	2.0'	7.8'	7.8'	5.0'
5'	2.5'	8.3'	8.1'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4.0'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

$$B = X - (A + 9")$$

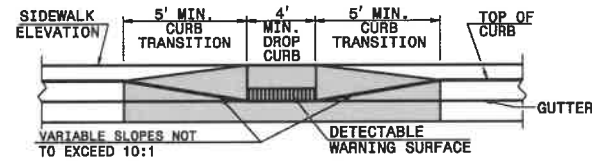
B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.

\* BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.

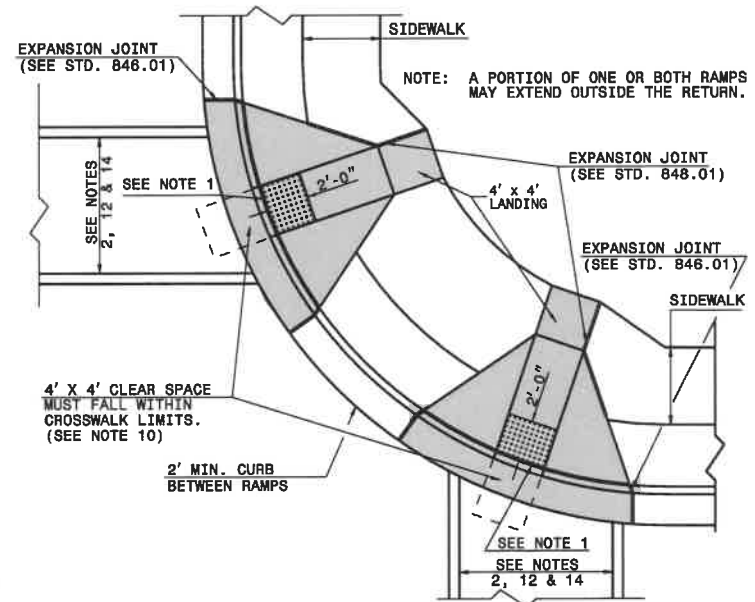
\*\* BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.



SECTION B-B



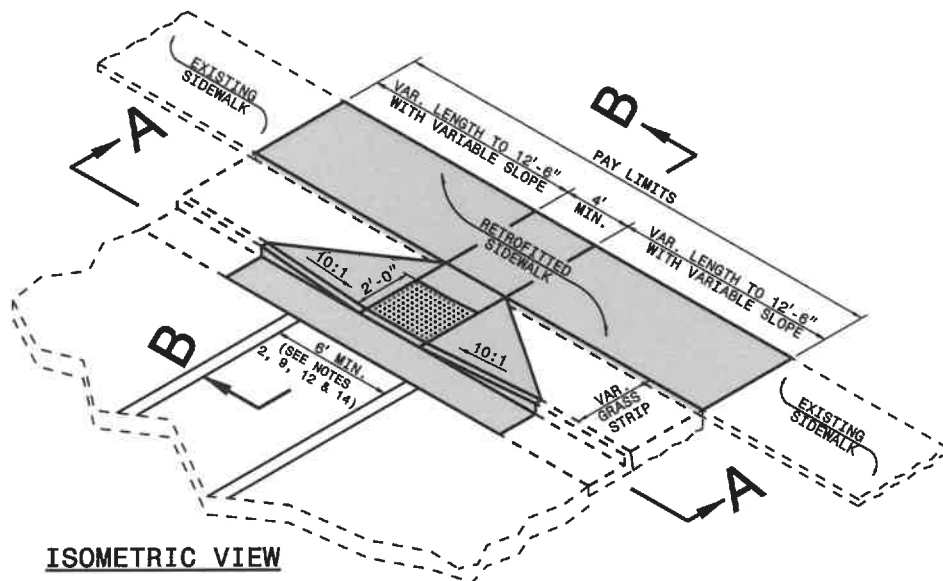
SECTION A-A



PLAN VIEW

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

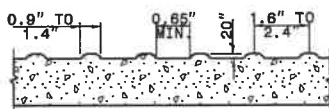
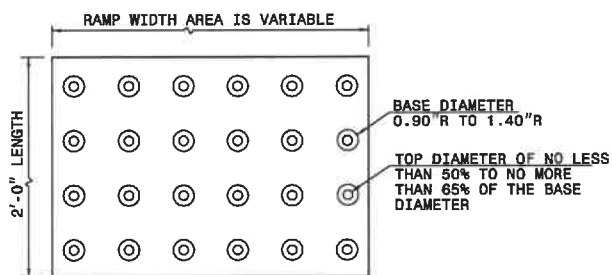




**ISOMETRIC VIEW**

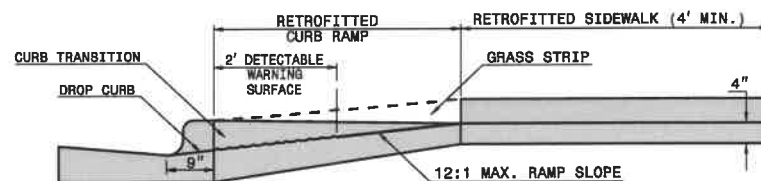
NOTES:  
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.

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

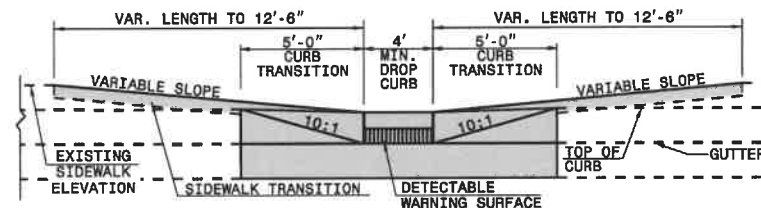


**DETECTABLE WARNING SURFACE**

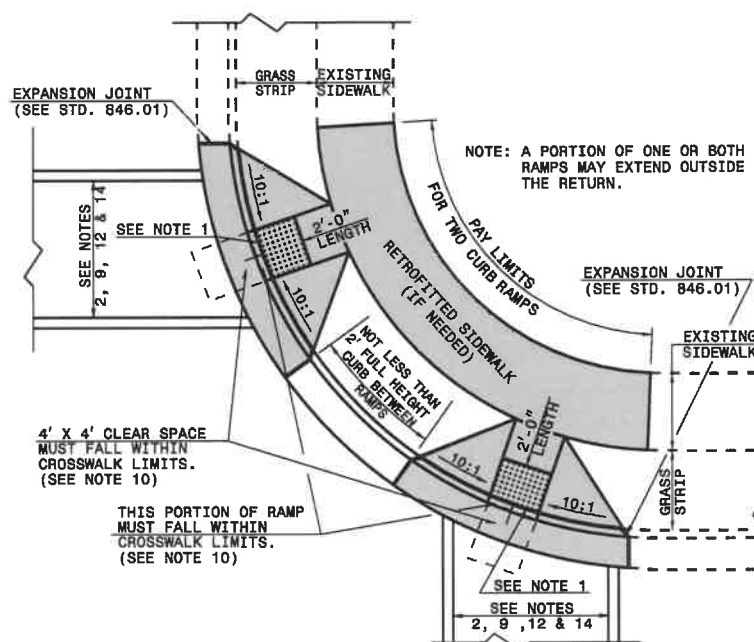
 PAY LIMITS OF CURB RAMP



**SECTION B-B**

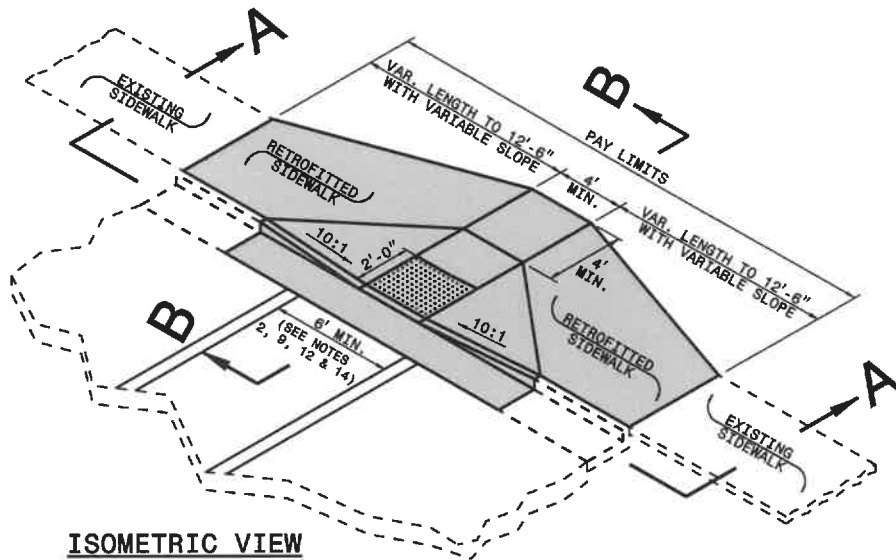


**SECTION A-A**



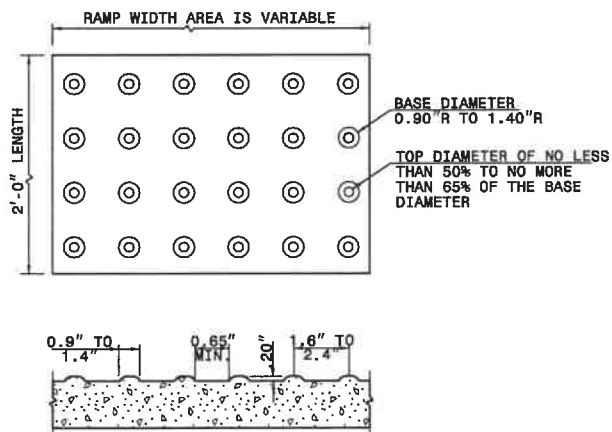
**PLAN VIEW**

DUAL RAMPS  
ANY RADIUS  
(40" MIN. FLOOR WIDTH)

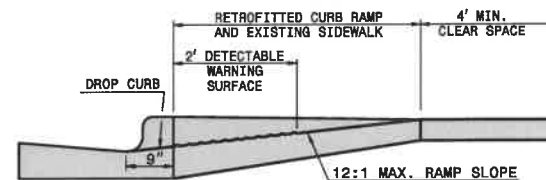


**ISOMETRIC VIEW**

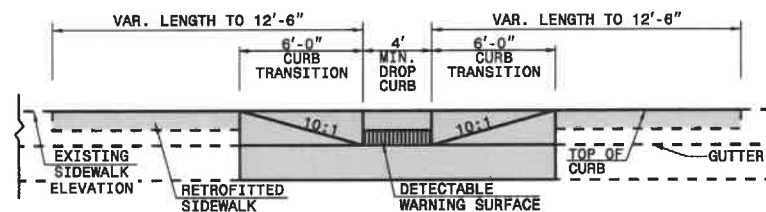
NOTES:  
 DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.  
 DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



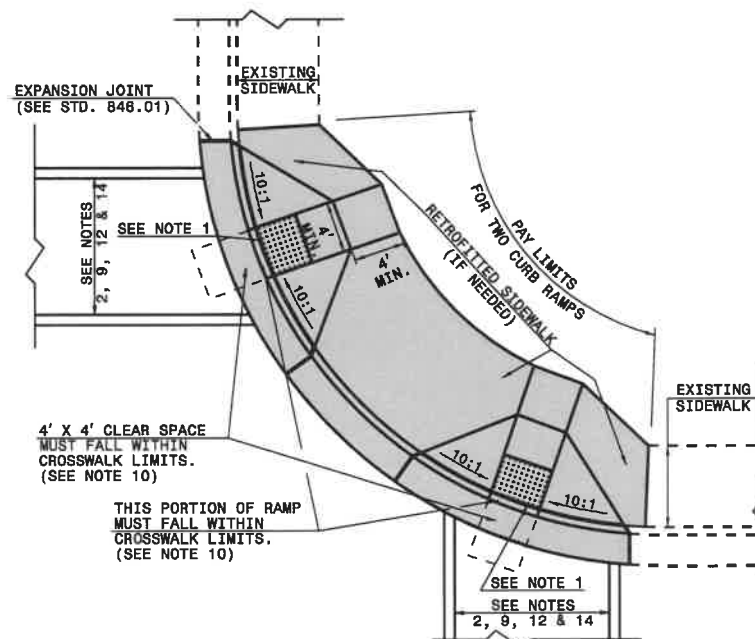
**DETECTABLE WARNING SURFACE**



**SECTION B-B**



**SECTION A-A**

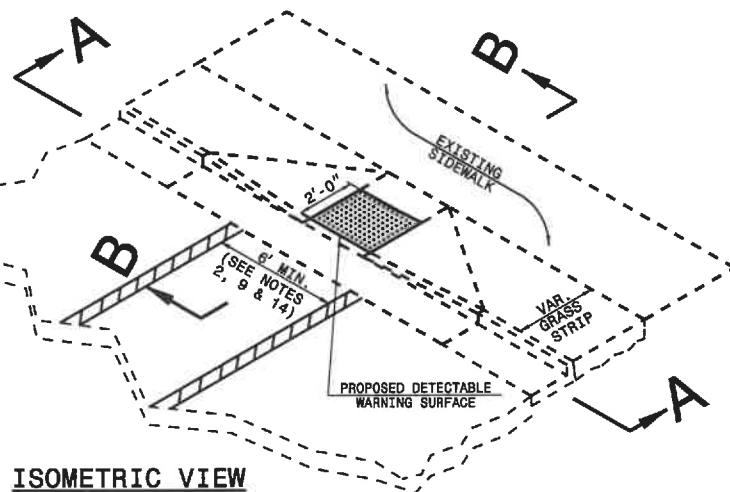


**PLAN VIEW**

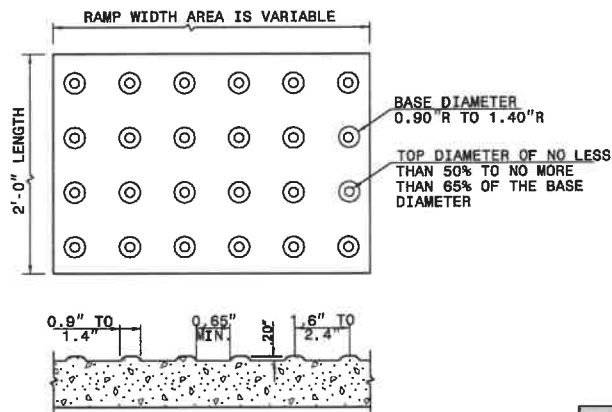
DUAL RAMPS  
 ANY RADII  
 (40" MIN. FLOOR WIDTH)

 PAY LIMITS OF CURB RAMP



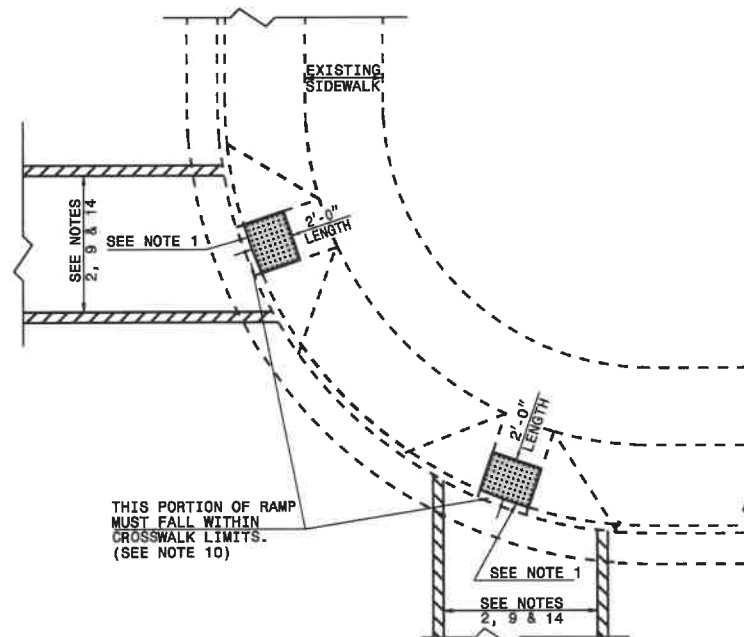
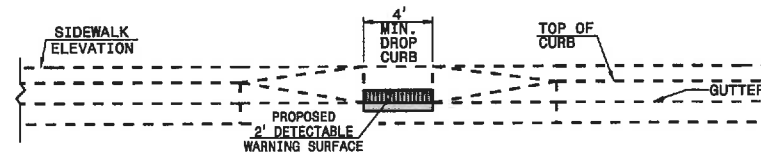
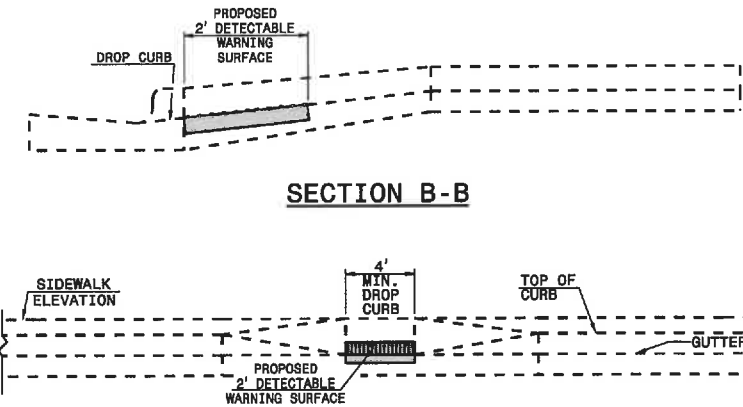


NOTES:  
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.  
DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.

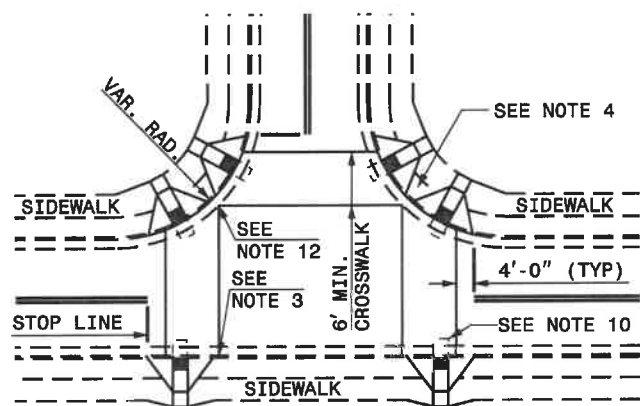


**DETECTABLE WARNING SURFACE**

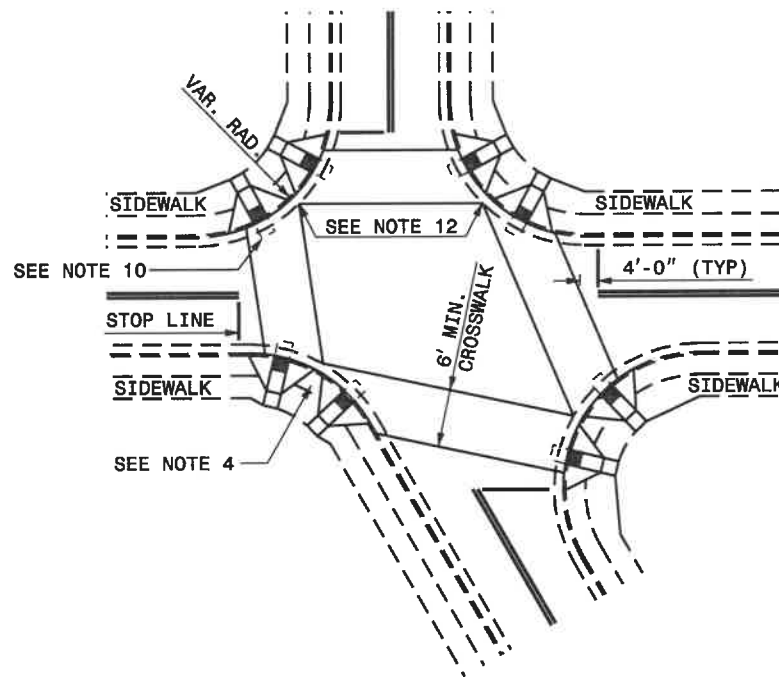
PAY LIMITS OF RETROFIT CURB RAMP



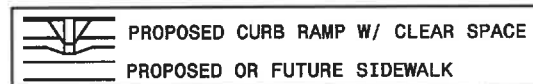
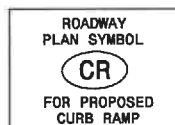
DUAL RAMPS  
ANY RADIUS  
(40" MIN. FLOOR WIDTH)



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

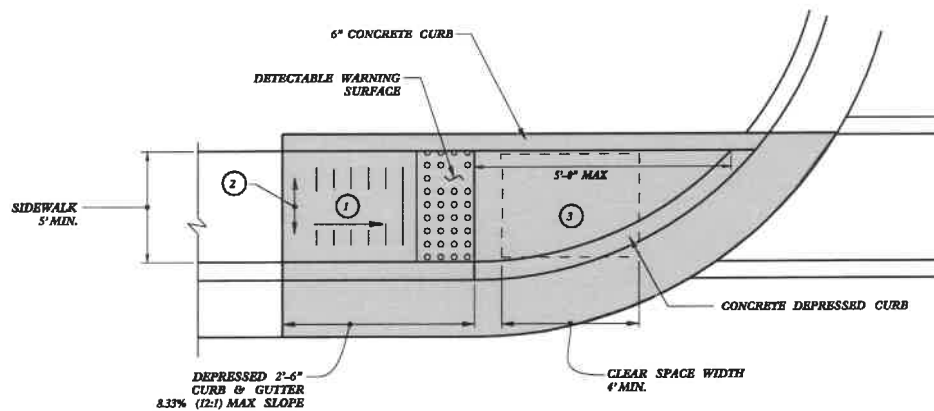


DETAIL SHOWING TYPICAL LOCATION OF CURB  
RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES



ALLOWABLE LOCATIONS  
.....ANY

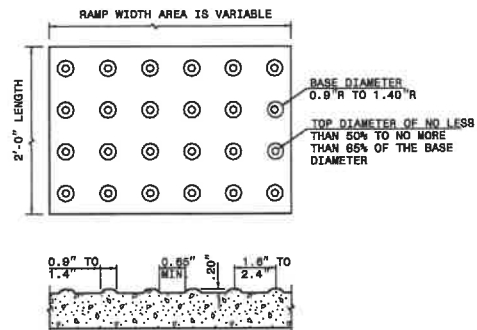




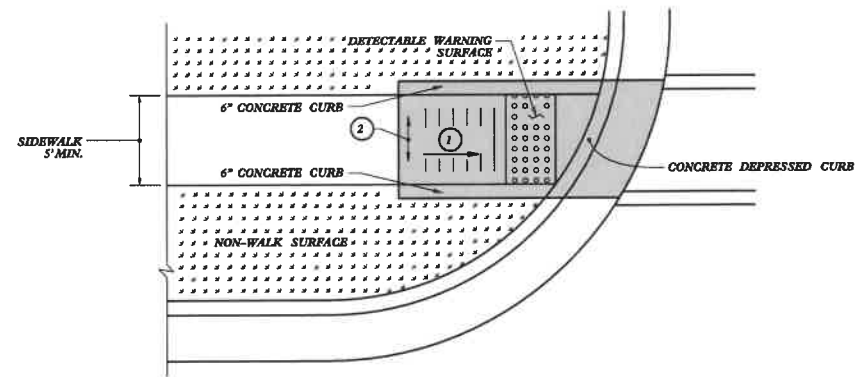
**TYPE 1**

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

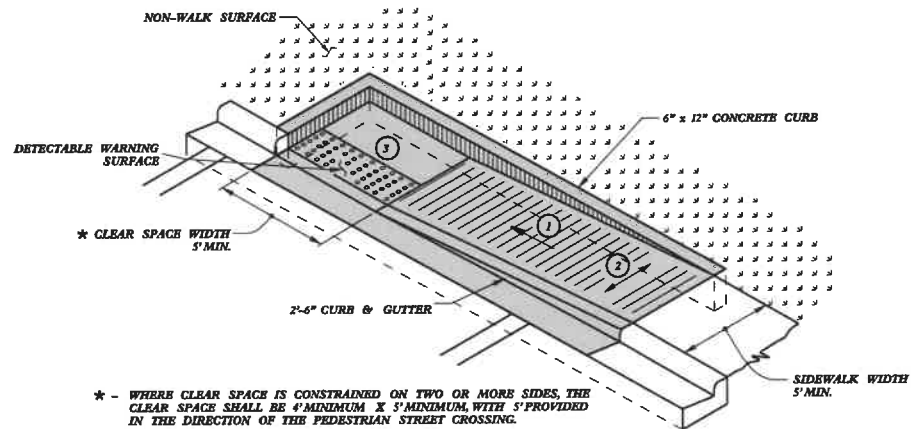
NOTES:  
 DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.  
 DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.




**DETECTABLE WARNING SURFACE**

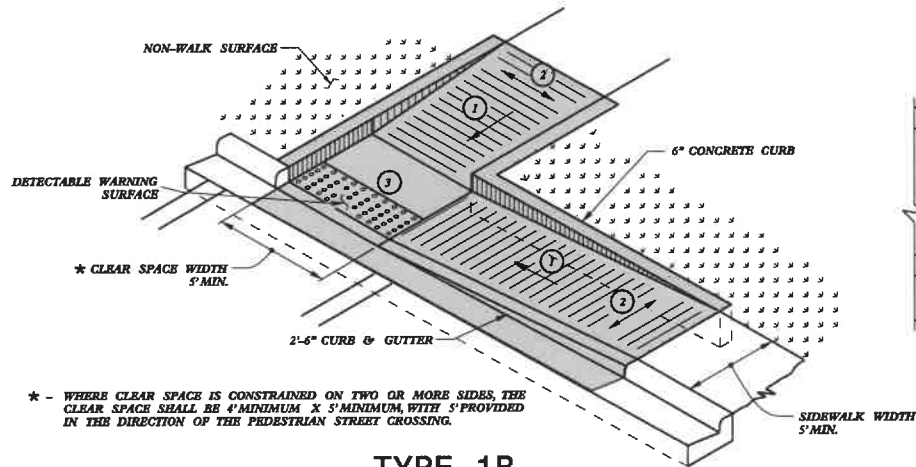


**TYPE 1 MODIFIED**

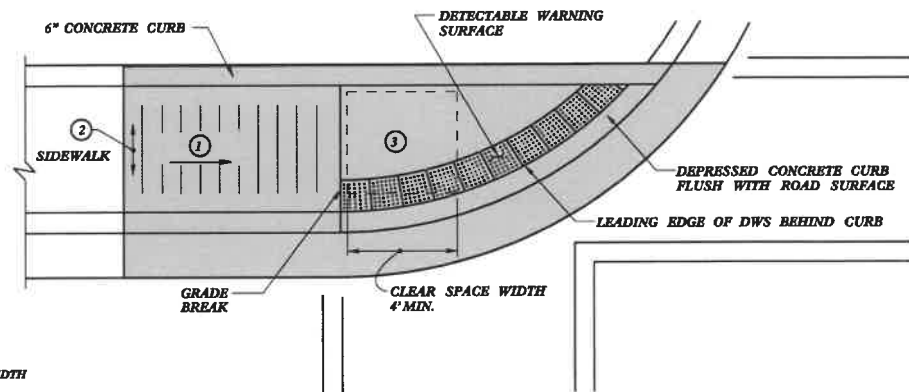


**TYPE 1A**

 PAY LIMITS FOR 1 CURB RAMP



**TYPE 1B**

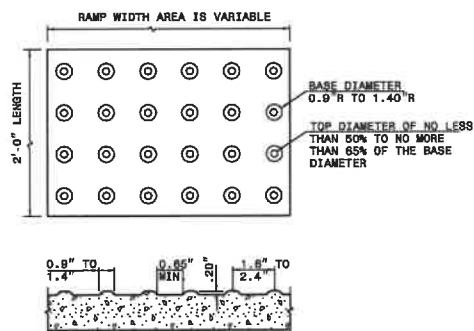


**TYPE 1C**

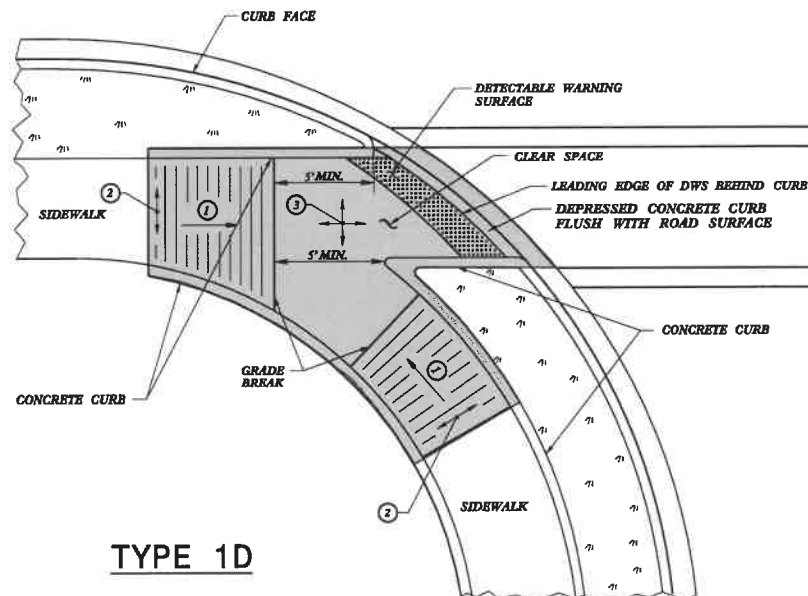
- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%

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**

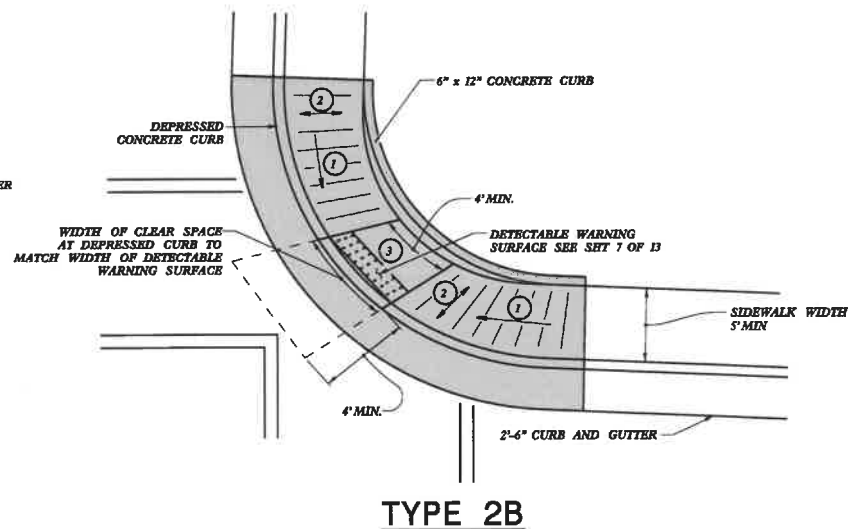
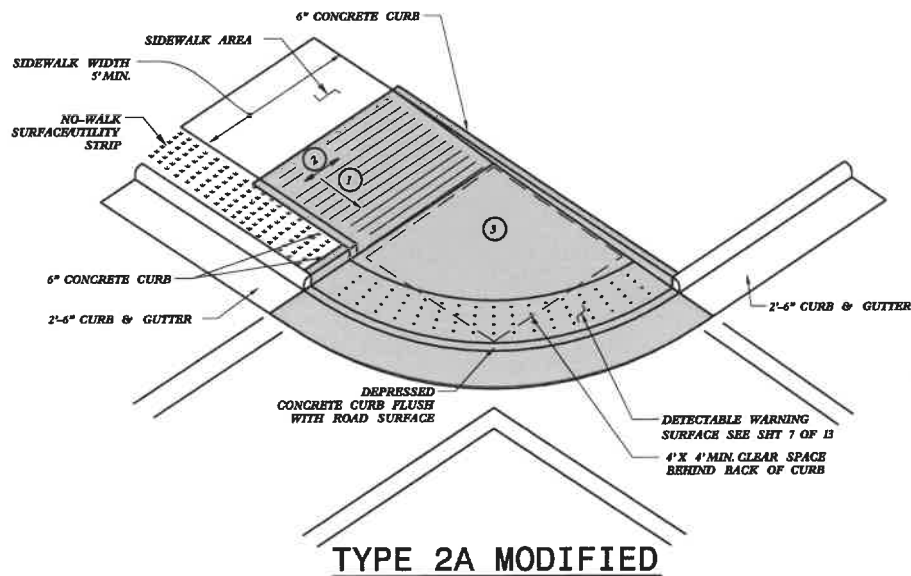
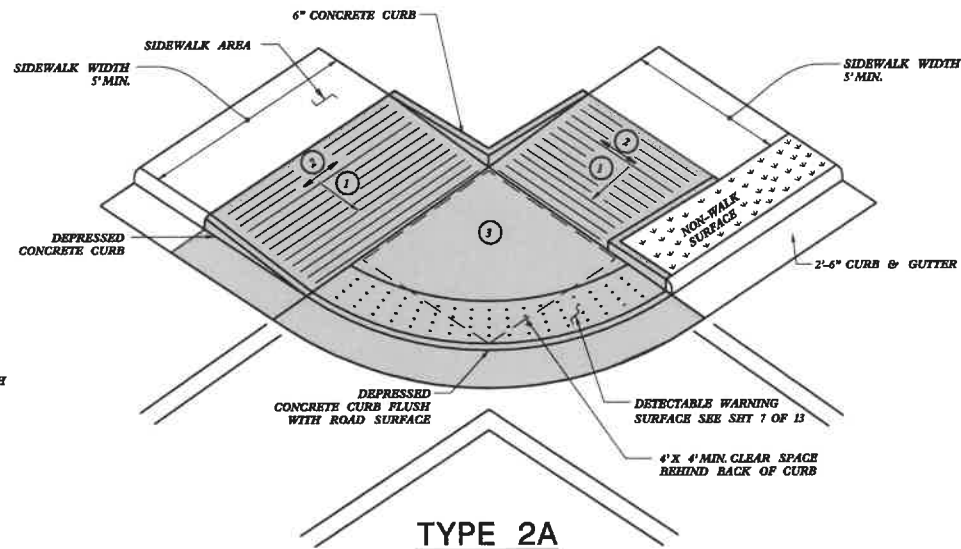
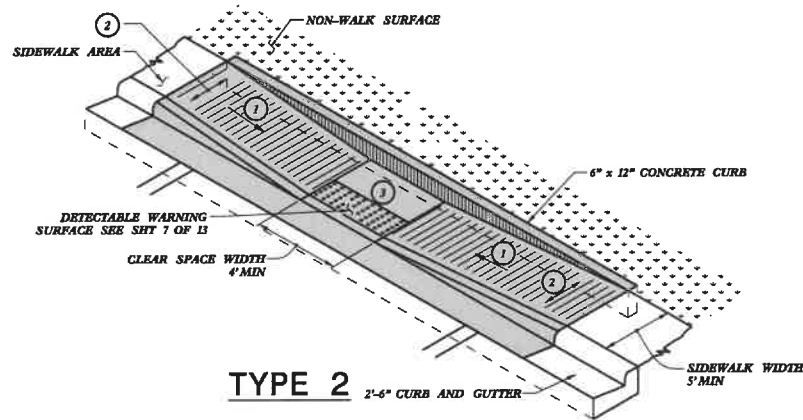


**TYPE 1D**



PAY LIMITS FOR 1 CURB RAMP

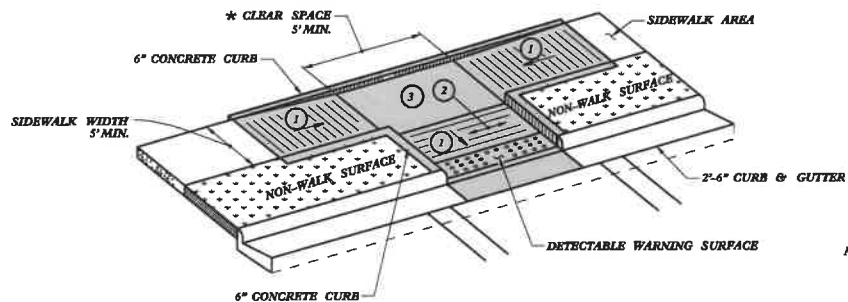




- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%

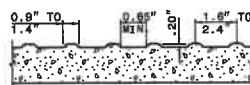
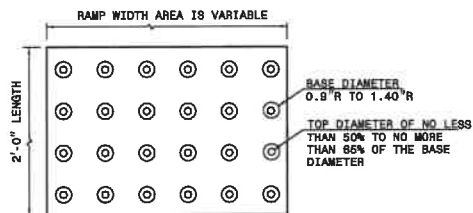
 PAY LIMITS FOR 1 CURB RAMP

\* - 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 PEDESTRIAN STREET CROSSING.

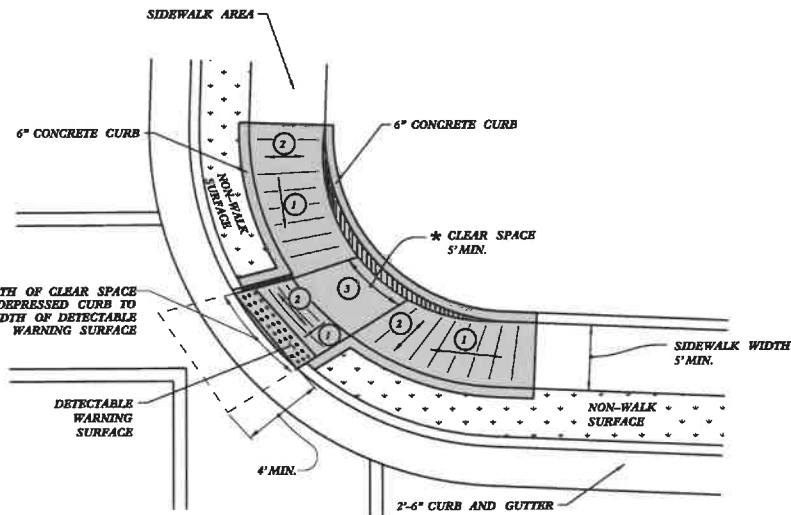


**TYPE 3**

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**

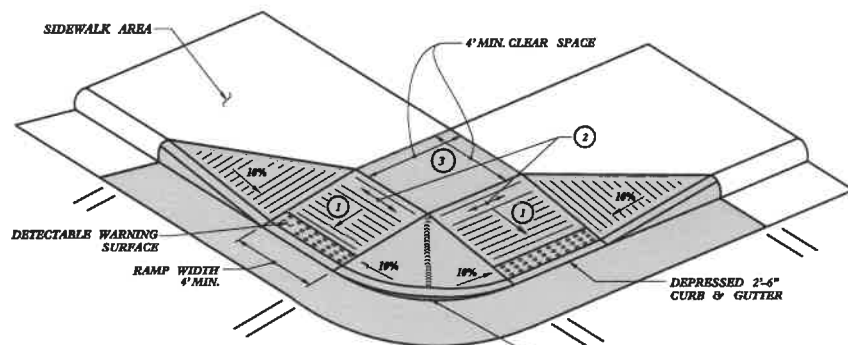


**TYPE 3 MODIFIED  
INSTALLATION IN A RADIUS**

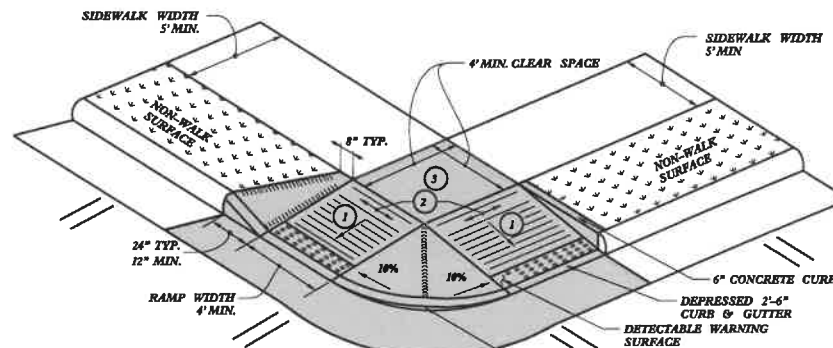
- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%

 PAY LIMITS FOR 1 CURB RAMP

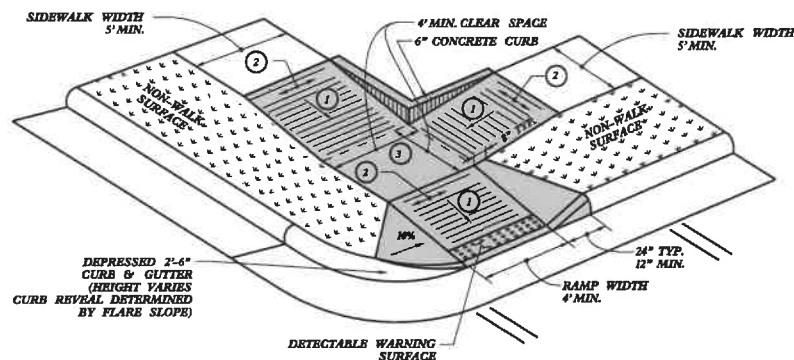




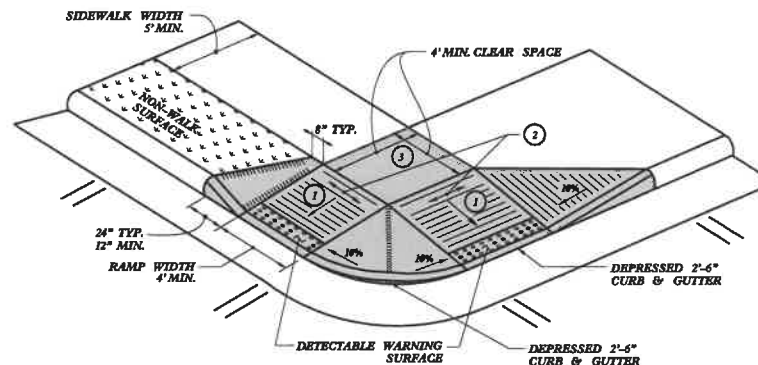
**TYPE 4**



**TYPE 4A**

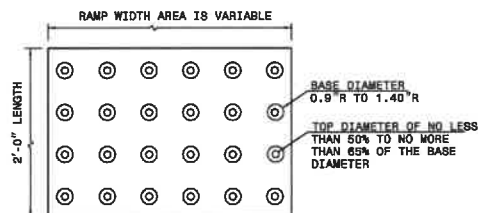


**TYPE 4B**

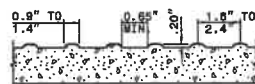


**TYPE 4C**

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.

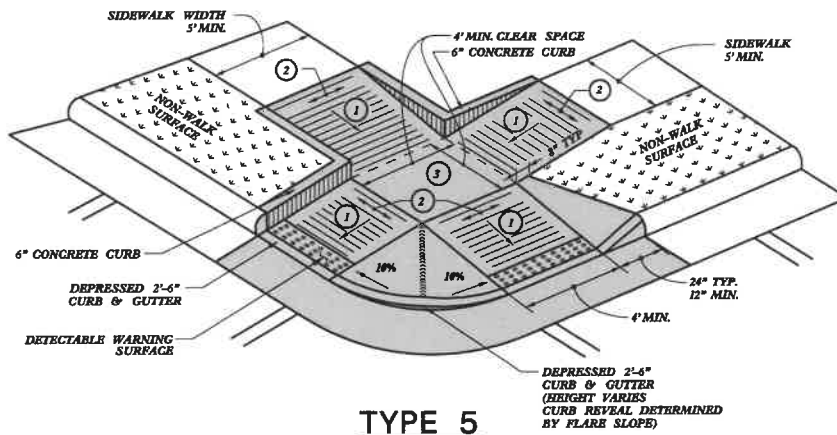


**DETECTABLE WARNING SURFACE**

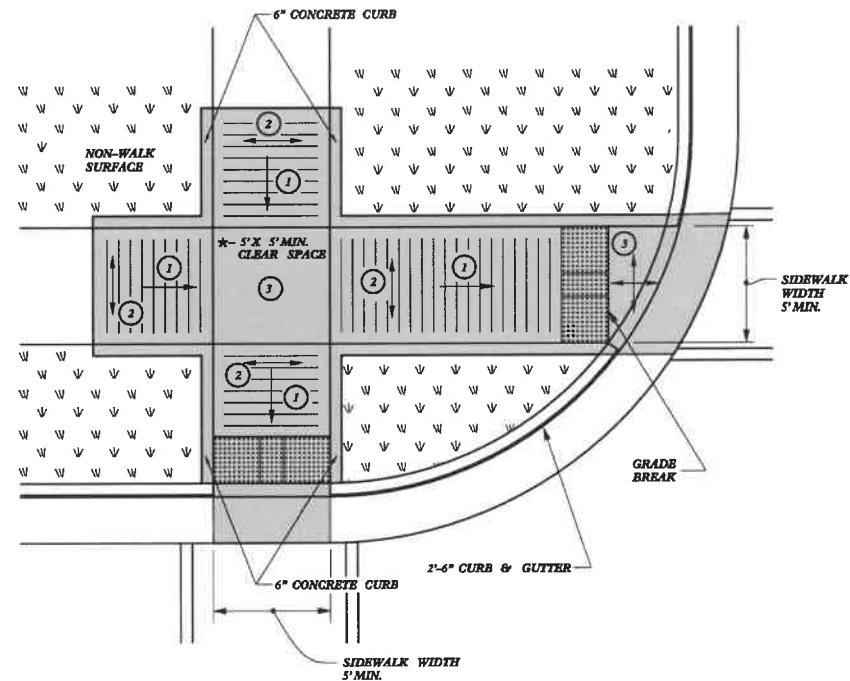
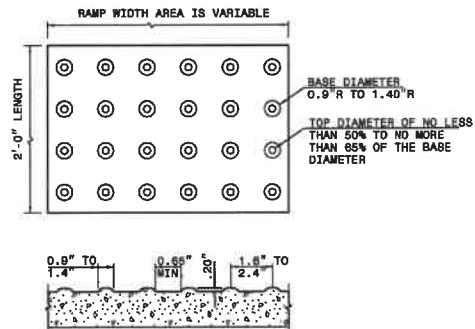


- ① 8.33% (12:1) MAX RAMP SLOPE
- ② CROSS SLOPE: 2.00%
- ③ MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%

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



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.

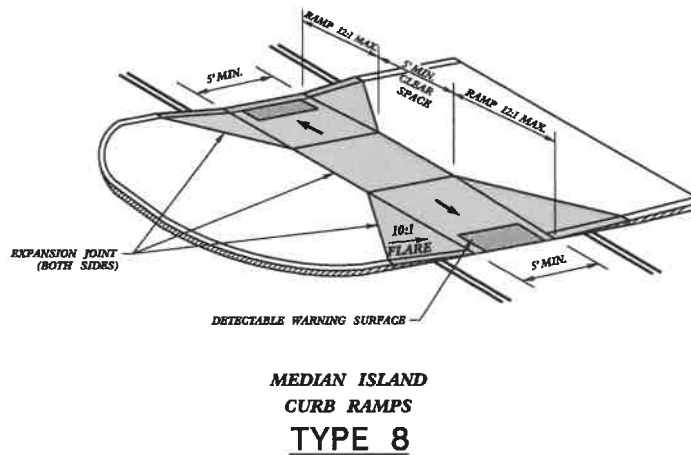
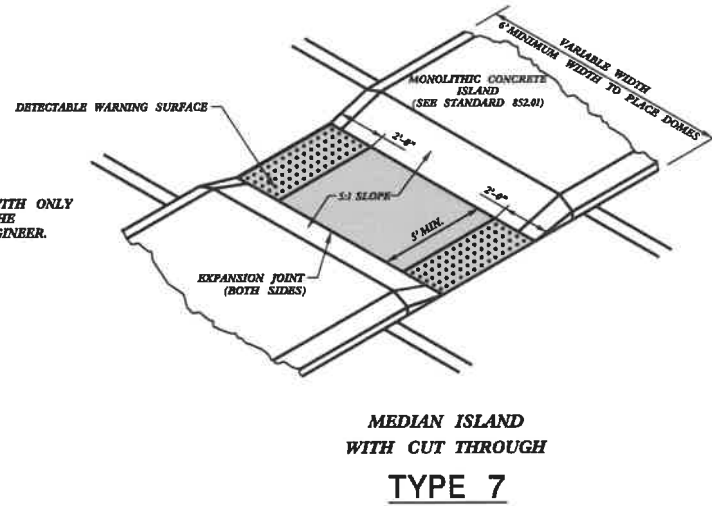
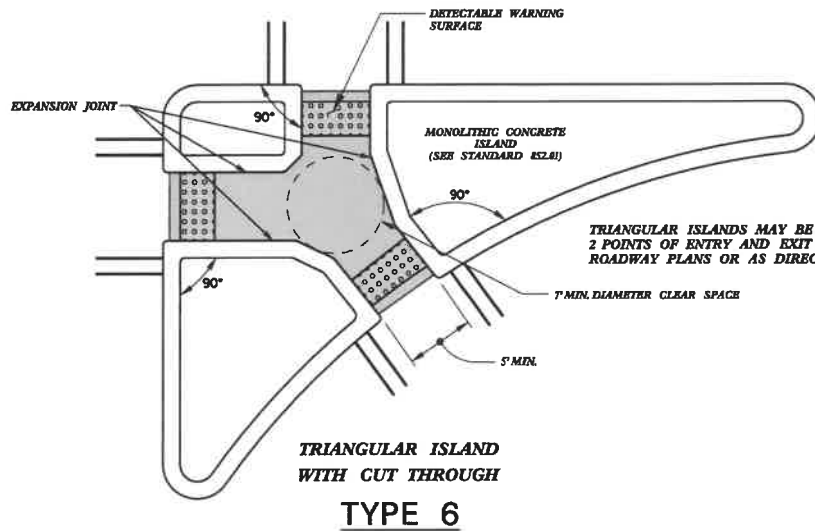


\* - WHERE CLEAR SPACE IS CONSTRAINED ON TWO OR MORE SIDES, THE CLEAR SPACE SHALL BE 4' MINIMUM X 5' MINIMUM, WITH 5' PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.

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

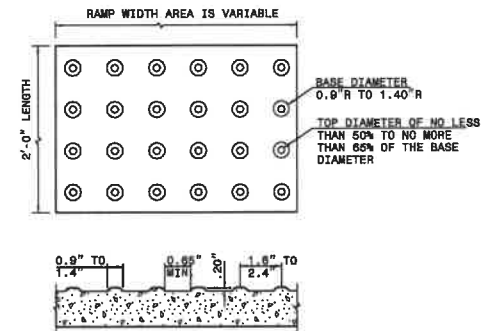
PAY LIMITS FOR 1 OR 2 CURB RAMPS  
 (CALCULATE BASED ON NUMBER OF SETS OF DETECTABLE WARNING SURFACES)





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

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**

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.
3. 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.
4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
5. 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.
6. TERMINATE PARKING A MINIMUM OF 20' FROM THE BACK OF PEDESTRIAN CROSSWALK.
7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
11. 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 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 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.