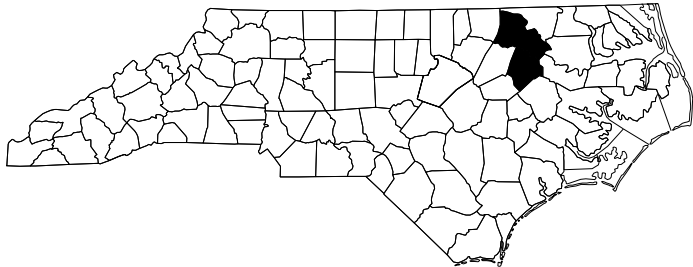


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CONTRACT: DD00513 TIP PROJECT: BO-2404D/BO-2404E



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DIVISIONWIDE

LOCATION: *EDGECOMBE & HALIFAX COUNTIES*

TYPE OF WORK: *CURB RAMP INSTALLATIONS*



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BO-2404D/BO-2404E	1	54
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50933.3.8	5093338	CON (BO-2404D)	
50933.3.9	5093339	CON (BO-2404E)	

Prepared In the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:
5/26/2026

ADDISON GAINEY, PE
PROJECT ENGINEER

NV5
PROJECT DESIGN ENGINEER



ADA SUMMARY OF QUANTITIES - TOTALS

TIP Number:	BO-2404D BO-2404E
WBS Number:	50933.3.8 50933.3.9
County:	Edgemcombe Halifax

Sheet No.
2

TIP	WBS	County	Municipality	0000100000-N (LS) Mobilization	4457000000-N (LS) Temporary Traffic Control	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps
BO-2404D	50933.3.8	Edgemcombe	Macclesfield (<5K)			0	0.5	0	8	0	0	0	0	0	0	2	0	0
BO-2404D	50933.3.8	Edgemcombe	Pinetops (<5K)			14	8.25	95	100	0	0	24	2	0	0	24	2	7
BO-2404D	50933.3.8	Edgemcombe	Princeville (<5K)			0	0.25	0	4	0	0	6	0	0	0	1	0	0
BO-2404D	50933.3.8	Edgemcombe	Rocky Mount (<5K)			0	0.75	0	8	15	0	0	3	0	0	2	1	0
BO-2404D	50933.3.8	Edgemcombe	Tarboro (<5K)			0	0.75	0	12	0	0	0	0	0	0	3	0	0
BO-2404D	50933.3.8	Edgemcombe	Whitakers (<5K)			4	1.25	25	16	0	3	9	3	2	0	4	1	0
BO-2404D	50933.3.8	Halifax	Enfield (<5K)			4	10.75	10	160	20	18	33	6	5	0	40	1	2
BO-2404D	50933.3.8	Halifax	Halifax (<5K)			0	1	0	12	0	0	3	0	0	0	4	0	0
BO-2404D	50933.3.8	Halifax	Hobgood (<5K)			0	1	0	16	0	9	3	0	0	0	4	0	0
BO-2404D	50933.3.8	Halifax	Littleton (<5K)			0	6.5	0	96	0	14	18	0	0	0	24	0	0
BO-2404D	50933.3.8	Halifax	Roanoke Rapids (<5K)			0	0.25	0	4	0	0	0	0	0	0	1	0	0
BO-2404D	50933.3.8	Halifax	Scotland Neck (<5K)			0	10.5	4	120	0	4	54	0	0	8	30	0	1
BO-2404D	50933.3.8	Halifax	Weldon (<5K)			0	0.75	0	12	0	0	0	0	0	0	3	0	0
BO-2404D	50933.3.8	-	-	.75	.75	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal For Below 5,000 Population				.75	.75	22	42.5	134	568	35	48	150	14	7	8	142	5	10
BO-2404E	50933.3.9	Edgemcombe	Princeville (5-50K)			0	0.25	0	4	0	0	6	0	0	0	1	0	0
BO-2404E	50933.3.9	Halifax	Weldon (5-50K)			0	1.25	0	20	0	0	3	0	0	0	5	0	0
BO-2404E	50933.3.9	-	-	.25	.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal For 5,000 - 50,000 Population				.25	.25	0	1.5	0	24	0	0	9	0	0	0	6	0	0
GRAND TOTAL				1	1	22	44	134	592	35	48	159	14	7	8	148	5	10

Notes: (1) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (2) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - MACCLESFIELD (< 5,000 POPULATION)

Municipality:	Macclesfield
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

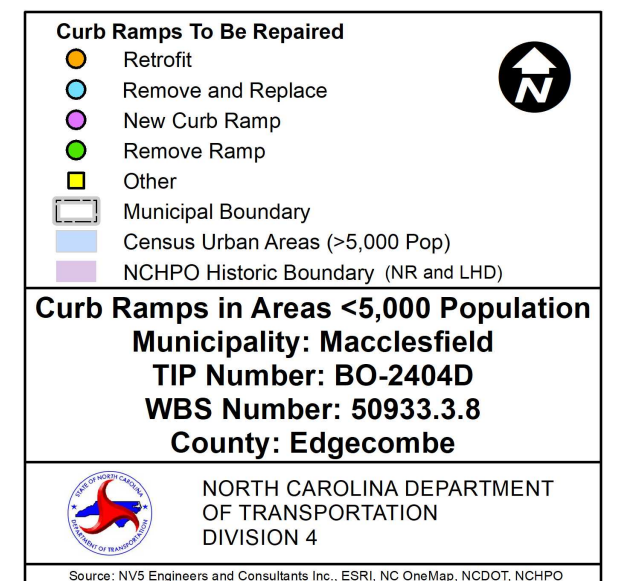
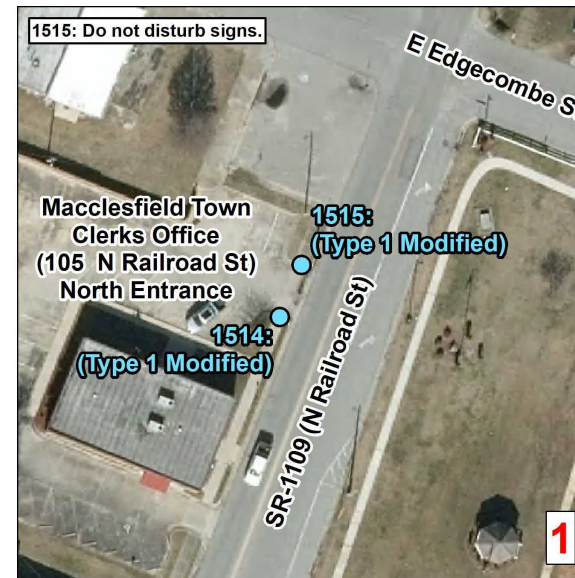
Sheet No.
3

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1514	1	SR-1109 (N Railroad St)	Macclesfield Town Clerks Office (105 N Railroad St) North Entrance											1			Type 1 Modified - 848.06
1515	1	SR-1109 (N Railroad St)	Macclesfield Town Clerks Office (105 N Railroad St) North Entrance											1			Type 1 Modified - 848.06
-	-	-	-	-	0.5*	-	8*	-	-	-	-	-	-	-	-	-	
Sub-Total for Macclesfield				0	0.5	0	8	0	0	0	0	0	0	2	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - PINETOPS (< 5,000 POPULATION)

Municipality:	Pinetops
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

Sheet No.
5

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1441	1	NC-42 (E Hamlett St)	SR-1162 (Sally Jenkins St)											1			Type 1A - 848.06
1437	2	NC-42 (E Hamlett St)	N Twelfth St			15										1	Remove Ramp
1438	2	NC-42 (E Hamlett St)	N Twelfth St			20										1	Remove Ramp
1434	3	NC-42 (E Hamlett St)	N S A Gilliam St			15										1	Remove Ramp
1624	3	NC-42 (E Hamlett St)	N S A Gilliam St			15										1	Remove Ramp
1427**	4	NC-42 (E Hamlett St)	Duck Thru (316 E Hamlett St) East Entrance											1			Type 1 - 848.06
1428**	4	NC-42 (E Hamlett St)	Duck Thru (316 E Hamlett St) East Entrance											1			Type 1 - 848.06
1431	4	NC-42 (E Hamlett St)	N Martin Luther King Blvd			15										1	Remove Ramp
1425**	5	NC-42 (E Hamlett St)	Duck Thru (316 E Hamlett St) West Entrance											1			Type 1 - 848.06
1426**	5	NC-42 (E Hamlett St)	Duck Thru (316 E Hamlett St) West Entrance											1			Type 1 - 848.06
1424**	6	NC-42 (E Hamlett St)	Champs Chicken (314 E Hamlett St)											1			Type 1 - 848.06
1422	7	NC-42 (E Hamlett St)	N Fourth St			15										1	Remove Ramp
1386	8	NC-42 (E Hamlett St)	NC-122 (N Second St)											1			Type 2A Modified - 848.06
1612	8	NC-42 (E Hamlett St)	NC-122 (S Second St)	8											1		Type 1 - 848.06
1419	9	NC-42 (E Hamlett St)	NE First St											1			Standard - 848.06
1520	9	NC-42 (E Hamlett St)	Southern Bank (102 E Hamlett St)							3				1			Type 1 Modified - 848.06
1521	9	NC-42 (E Hamlett St)	Southern Bank (102 E Hamlett St)							3				1			Type 1 Modified - 848.06
1415	10	NC-42 (E Hamlett St)	S First St							3				1			Type 1 Modified - 848.06
1416	10	NC-42 (E Hamlett St)	S First St											1			Type 1B - 848.06
1412	11	NC-42 (W Hamlett St)	Deputy David Sean Manning St SW											1			Standard - 848.06
1414	11	NC-42 (E Hamlett St)	Deputy David Sean Manning St SW							3				1			Type 1 Modified - 848.06
1417	11	NC-42 (E Hamlett St)	Deputy David Sean Manning St SW											1			Type 1 - 848.06
1397	12	NC-42 (W Hamlett St)	NC-43 (N Third St)													1	Remove Ramp
1398	12	NC-42 (W Hamlett St)	NC-43 (N Third St)											1			Type 2B - 848.06
Sub-Total				8	0	95	0	0	0	12	0	0	0	16	1	7	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - PINETOPS (< 5,000 POPULATION)

Municipality:	Pinetops
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

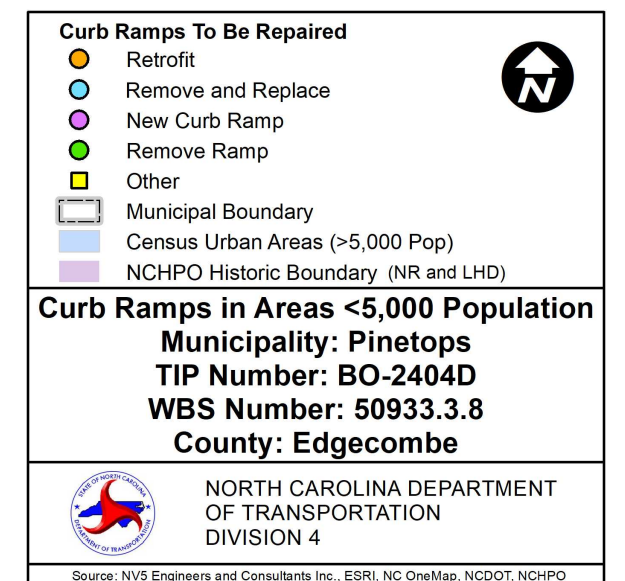
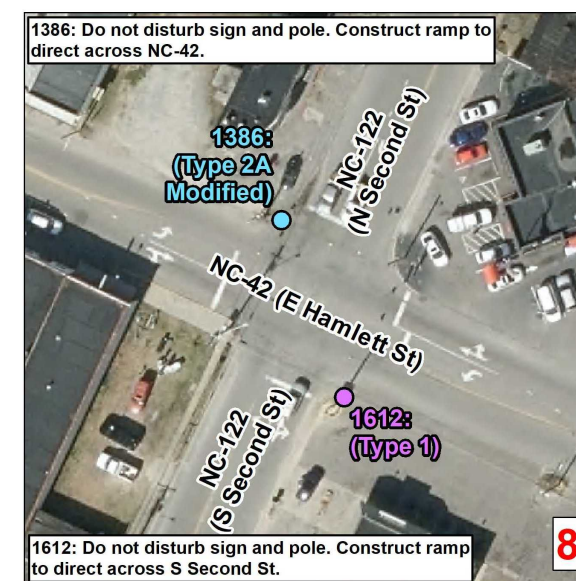
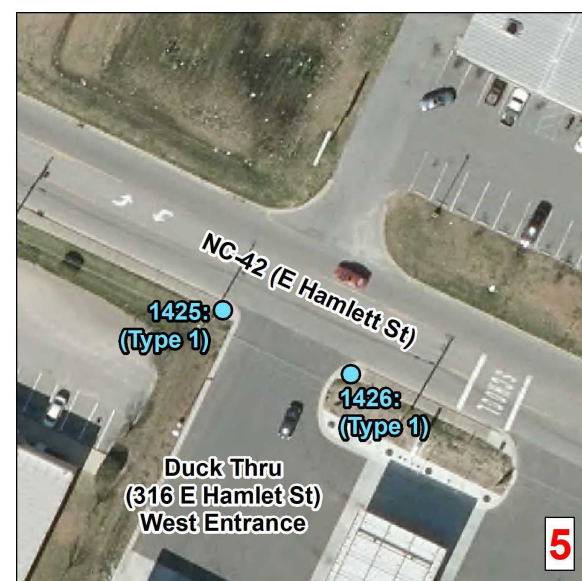
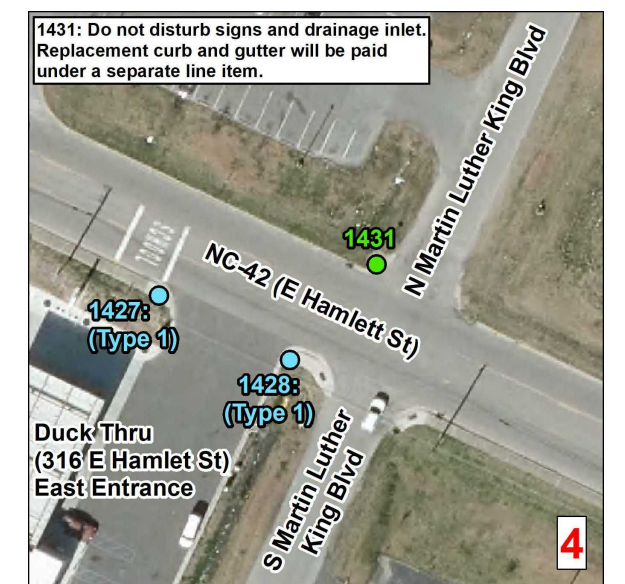
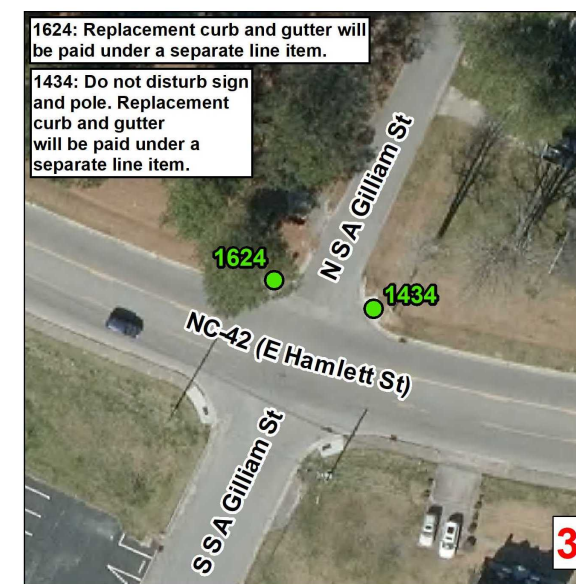
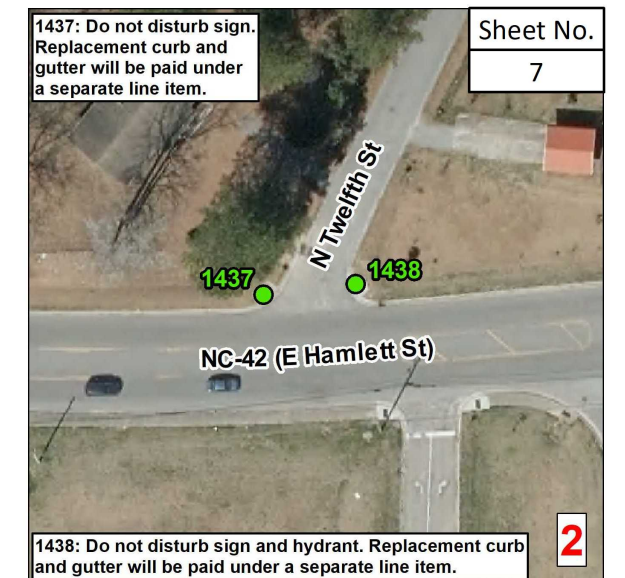
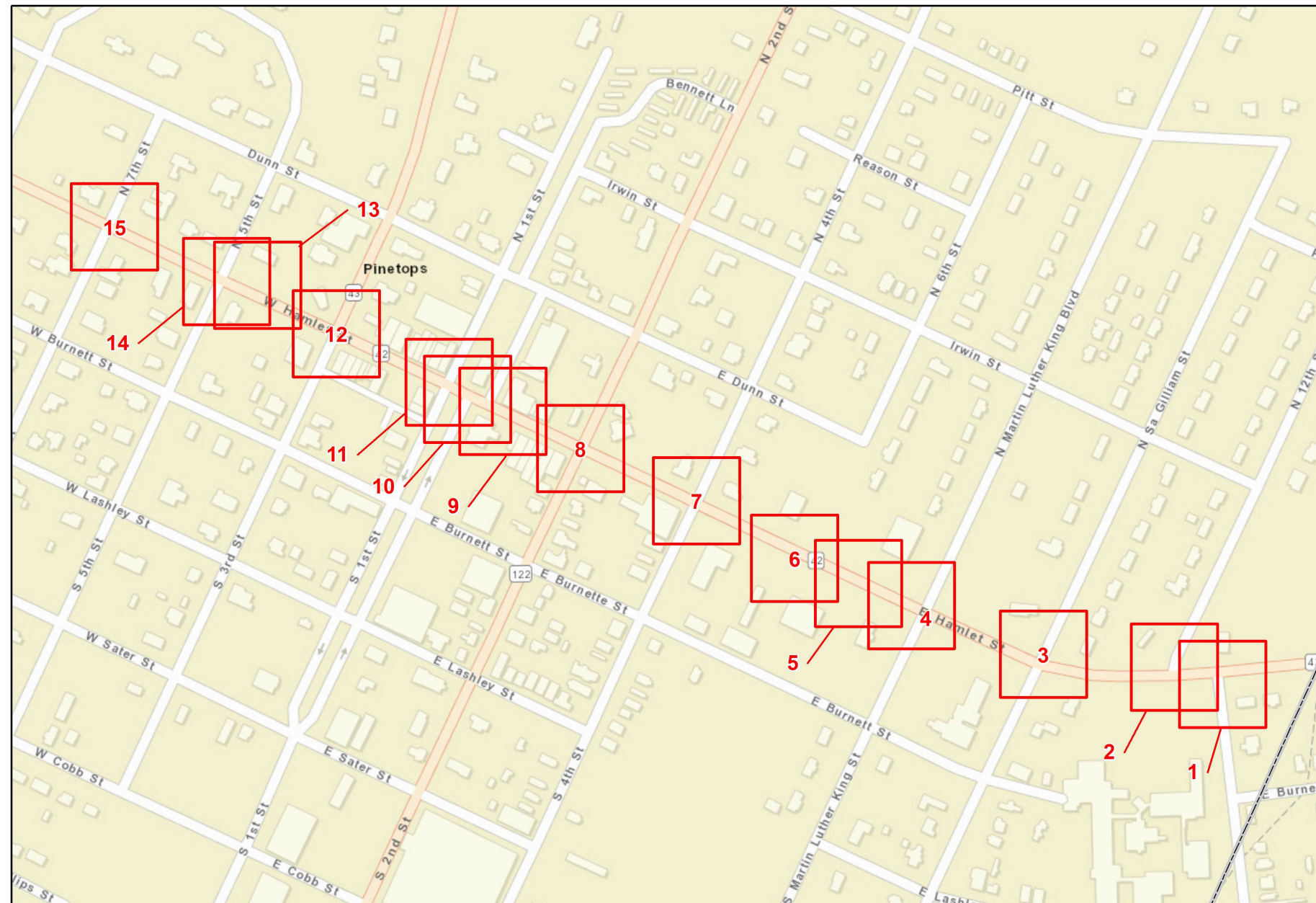
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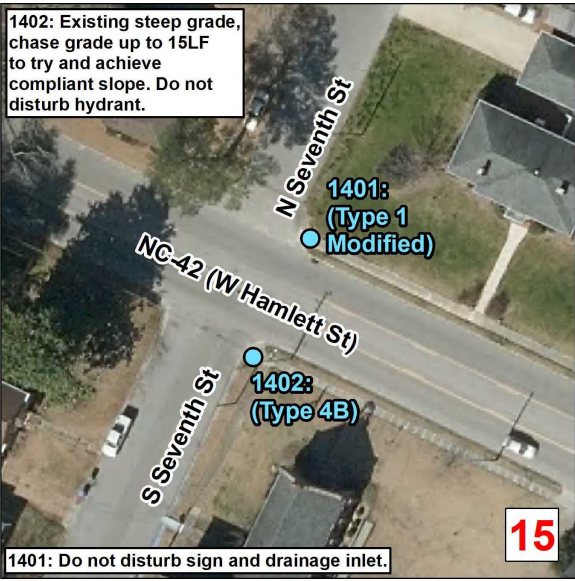
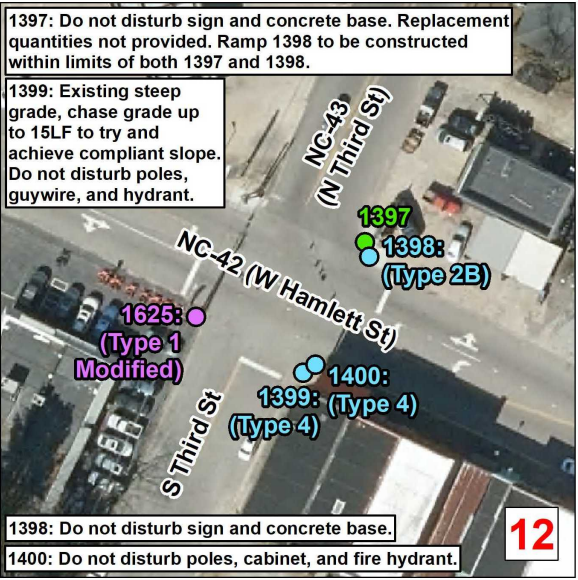
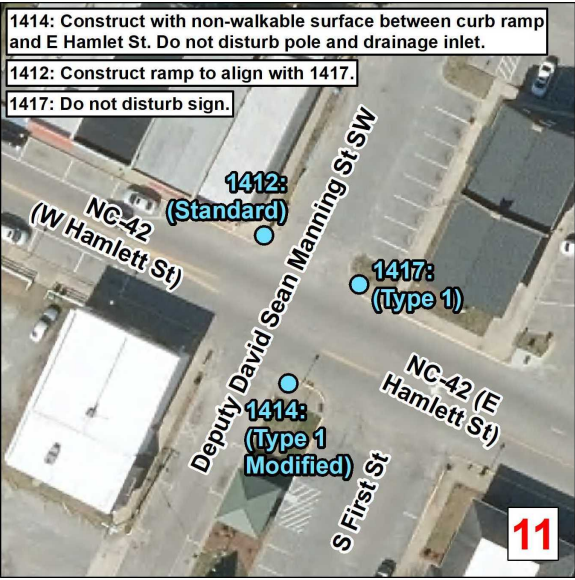
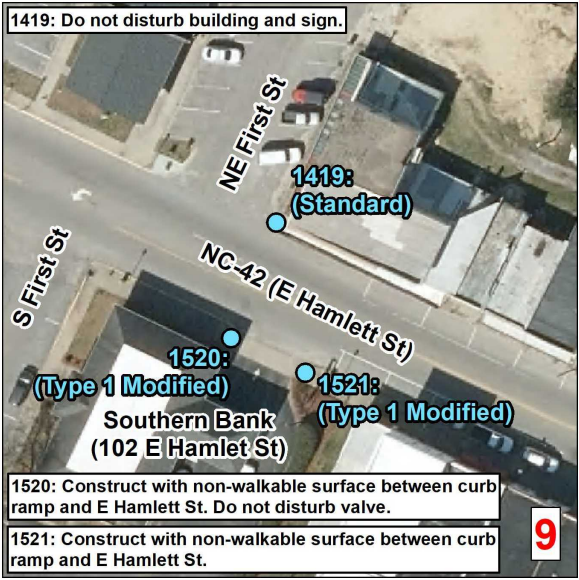
Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1399	12	NC-42 (W Hamlett St)	S Third St											1			Type 4 - 848D0610
1400	12	NC-42 (W Hamlett St)	S Third St											1			Type 4 - 848D0610
1625	12	NC-42 (W Hamlett St)	S Third St	6							2				1		Type 1 Modified - 848.06
1410	13	NC-42 (W Hamlett St)	Gym (206 W Hamlett St)											1			Type 1 Modified - 848.06
1411	13	NC-42 (W Hamlett St)	Gym (206 W Hamlett St)											1			Type 1 Modified - 848.06
1407**	14	NC-42 (W Hamlett St)	S Fifth St											1			Type 1 Modified - 848.06
1408**	14	NC-42 (W Hamlett St)	N Fifth St											1			Type 1 Modified - 848.06
1401**	15	NC-42 (W Hamlett St)	N Seventh St											1			Type 1 Modified - 848.06
1402	15	NC-42 (W Hamlett St)	S Seventh St											1			Type 4B - 848D0610
-	-	-	-	-	8.25*	-	100*	-	-	12*	-	-	-	-	-	-	
Sub-Total				6	8.25	0	100	0	0	12	2	0	0	8	1	0	
Sub-Total for Pinetops				14	8.25	95	100	0	0	24	2	0	0	24	2	7	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.





Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Pinetops

TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Edgecombe

 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - PRINCEVILLE (< 5,000 POPULATION)

Municipality:	Princetonville
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

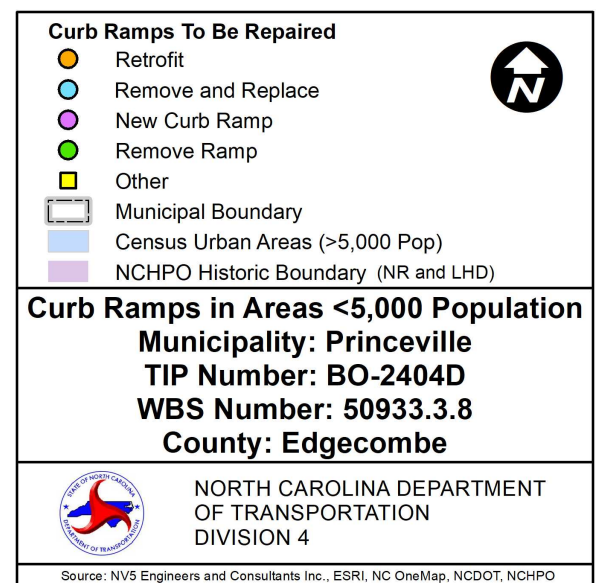
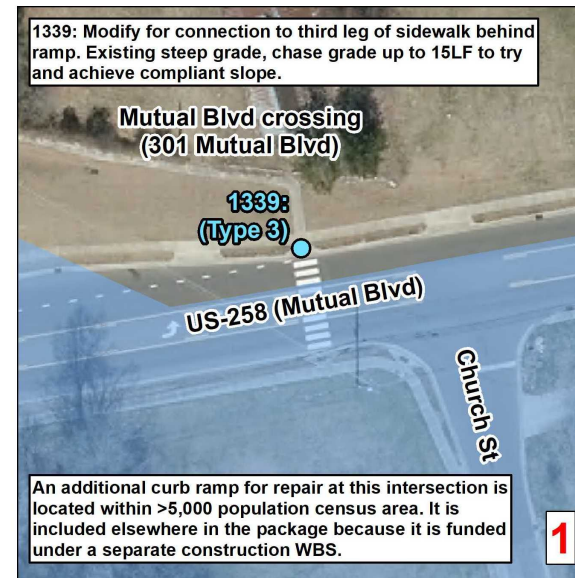
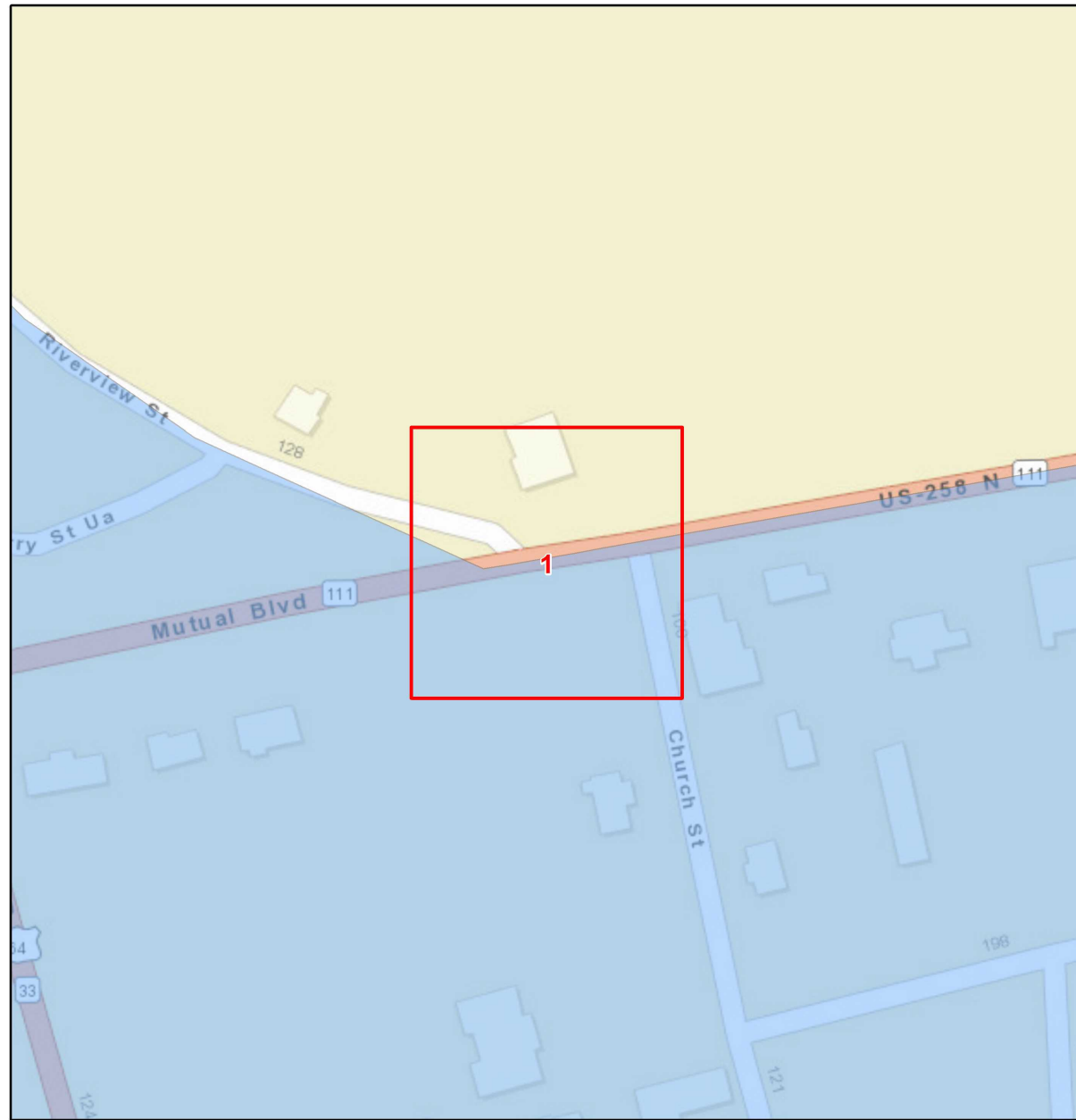
Sheet No.
9

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1339	1	US-258 (Mutual Blvd)	Mutual Blvd crossing (301 Mutual Blvd)											1			Type 3 - 848D0609
-	-	-	-	-	0.25*	-	4*	-	-	6*	-	-	-	-	-	-	
Sub-Total for Princetonville				0	0.25	0	4	0	0	6	0	0	0	1	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - PRINCEVILLE (5,000 - 50,000 POPULATION)

Municipality:	Princetonville
TIP Number:	BO-2404E
WBS Number:	50933.3.9
County:	Edgecombe

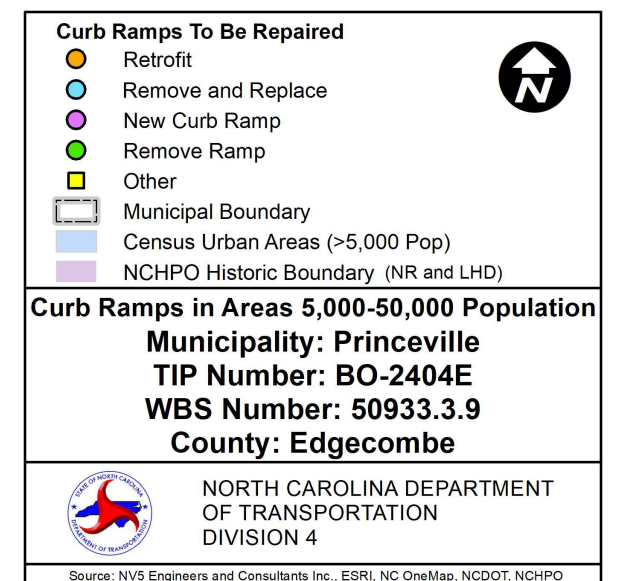
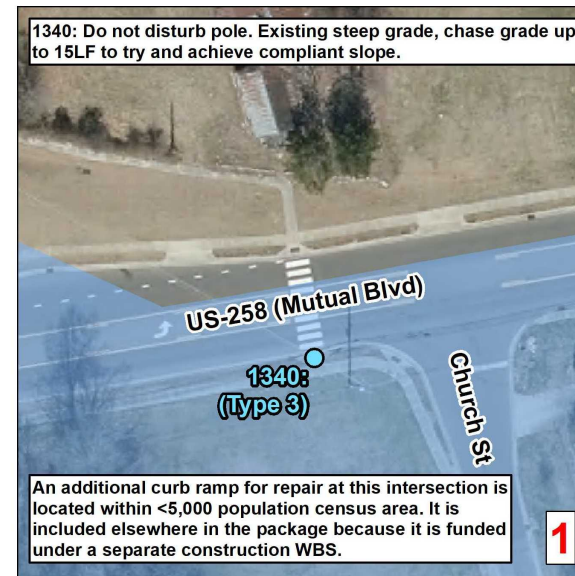
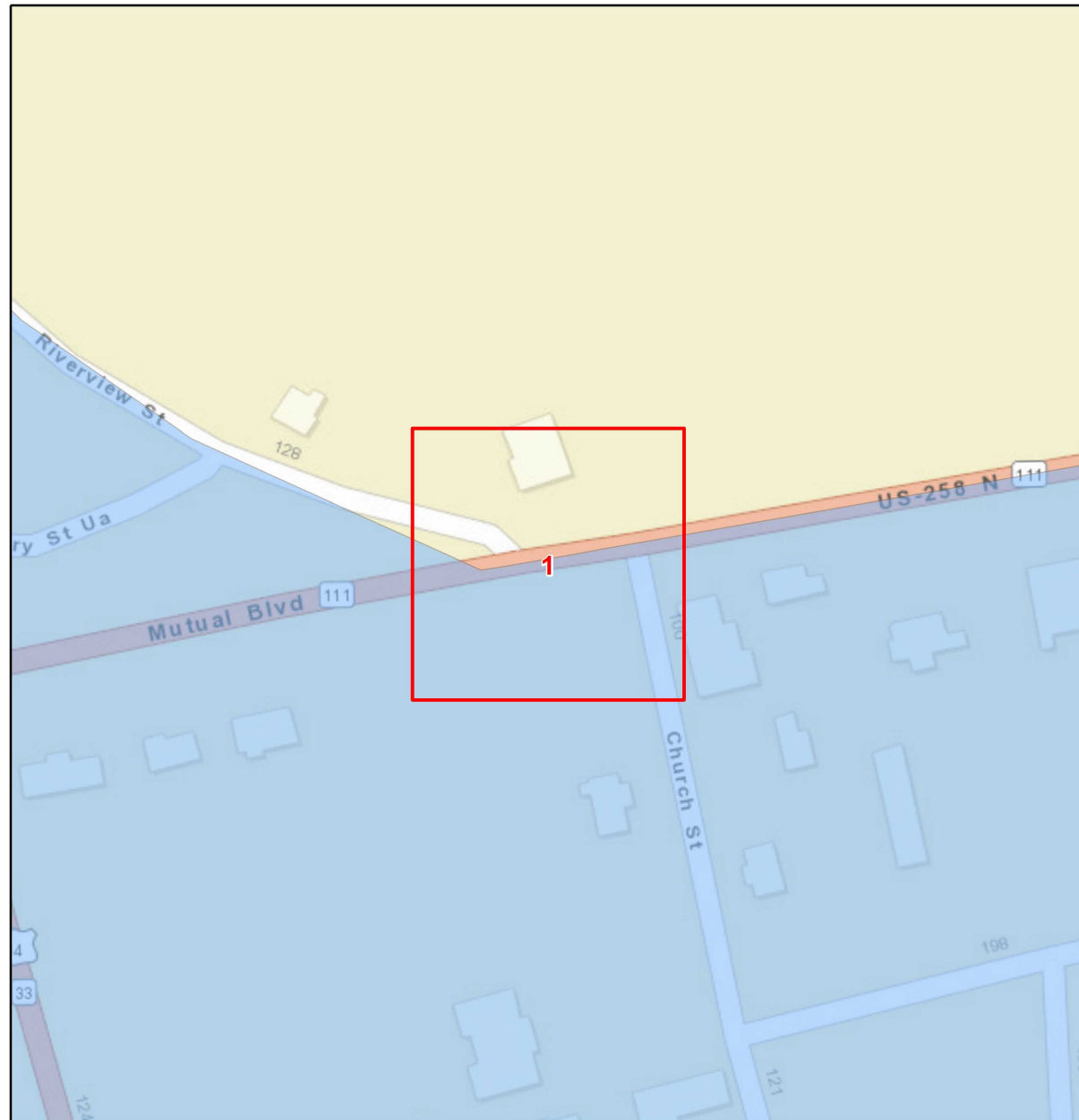
Sheet No.
11

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1340	1	US-258 (Mutual Blvd)	Mutual Blvd crossing (301 Mutual Blvd)											1			Type 3 - 848D0609
-	-	-	-	-	0.25*	-	4*	-	-	6*	-	-	-	-	-	-	
Sub-Total for Princetonville				0	0.25	0	4	0	0	6	0	0	0	1	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - ROCKY MOUNT (< 5,000 POPULATION)

Municipality:	Rocky Mount
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

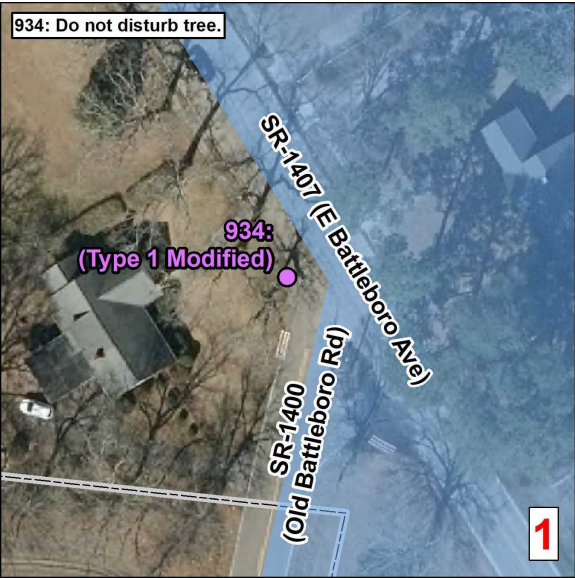
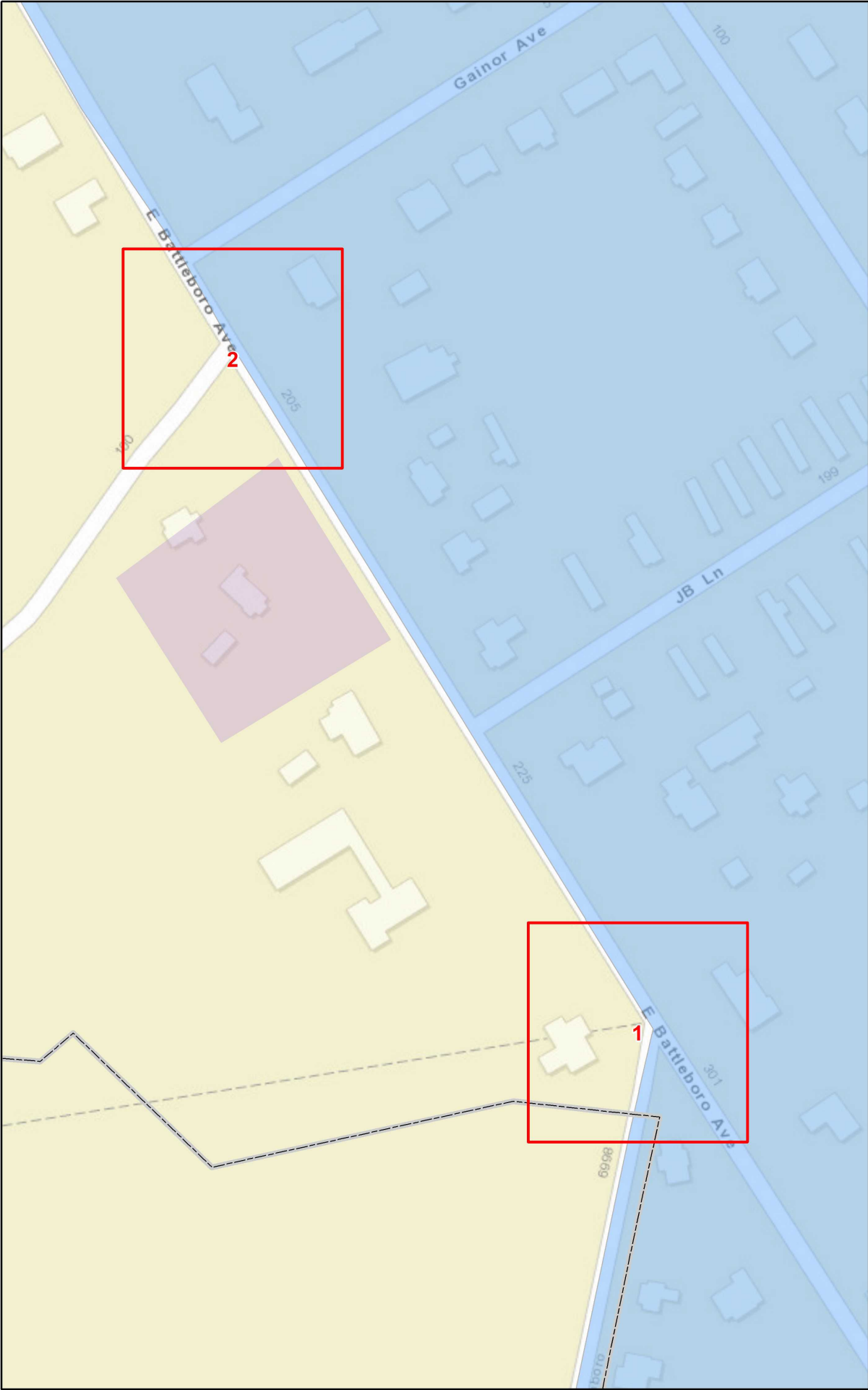
Sheet No.
13

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
934	1	SR-1400 (Old Battleboro Rd)	SR-1407 (E Battleboro Ave)					15			3				1		Type 1 Modified - 848.06
932	2	SR-1407 (E Battleboro Ave)	Cemetery Dr											1			Type 1 Modified - 848.06
933	2	SR-1407 (E Battleboro Ave)	Cemetery Dr											1			Type 1 Modified - 848.06
-	-	-	-	-	0.75*	-	8*	-	-	-	-	-	-	-	-	-	
Sub-Total for Rocky Mount				0	0.75	0	8	15	0	0	3	0	0	2	1	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population
Municipality: Rocky Mount
TIP Number: BO-2404D
WBS Number: 50933.3.8
County: Edgecombe

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - TARBORO (< 5,000 POPULATION)

Municipality:	Tarboro
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

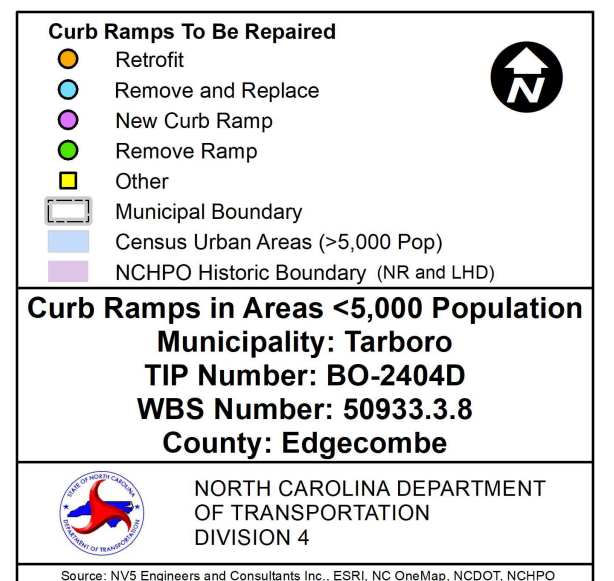
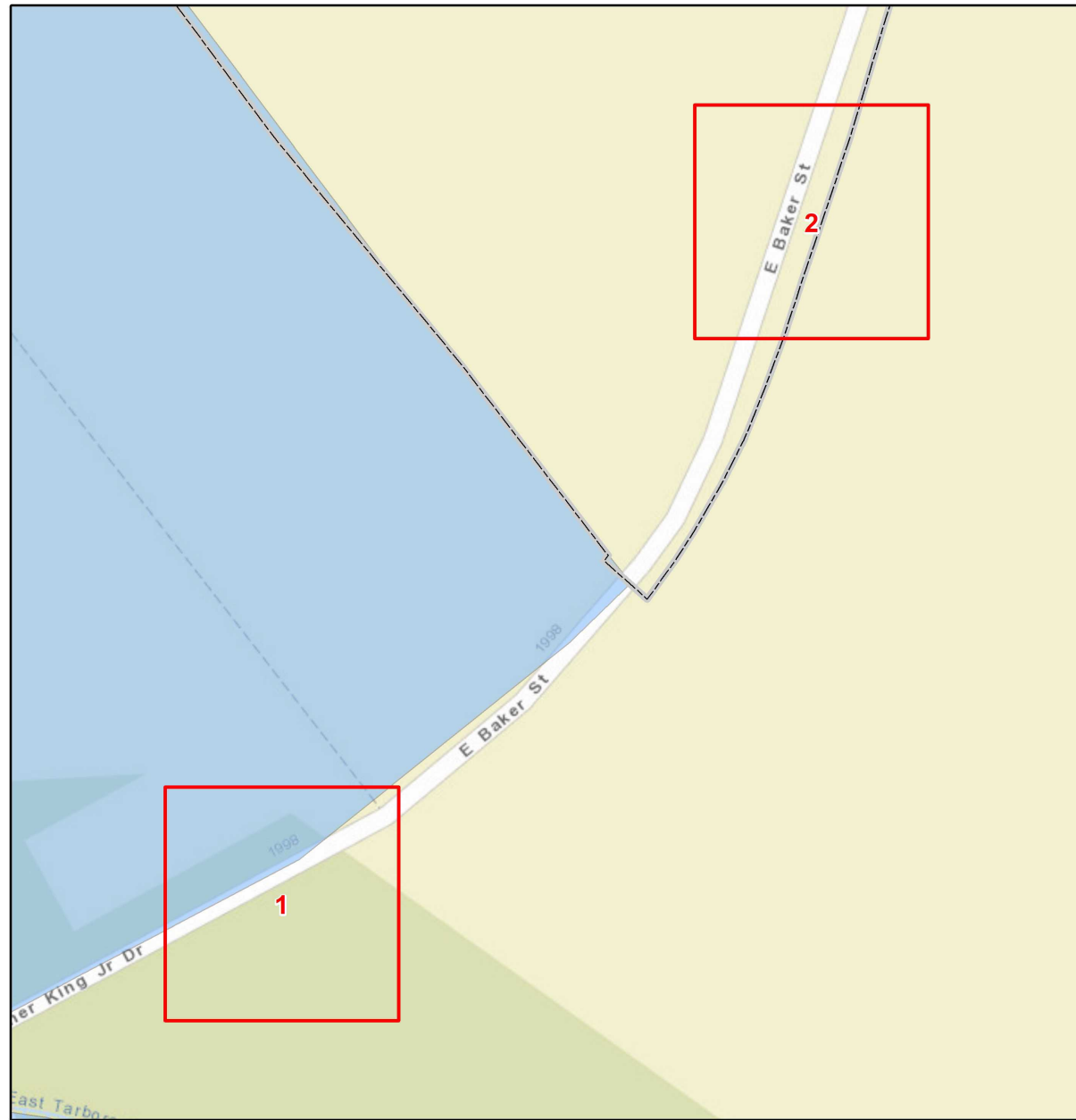
Sheet No.
15

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1336	1	SR-1518 (Martin Luther King Dr)	Clark Park (Martin Luther King Dr)											1			Type 1 Modified - 848.06
1337	1	SR-1518 (Martin Luther King Dr)	Clark Park (Martin Luther King Dr)											1			Type 1 Modified - 848.06
1338	2	SR-1518 (Baker St Ext)	Cemetery (1805 E Baker St)											1			Type 1 Modified - 848.06
-	-	-	-	-	-	-	12*	-	-	-	-	-	-	-	-	-	
Sub-Total for Tarboro				0	0	0	12	0	0	0	0	0	0	3	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - WHITAKERS (< 5,000 POPULATION)

Municipality:	Whitakers
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Edgecombe

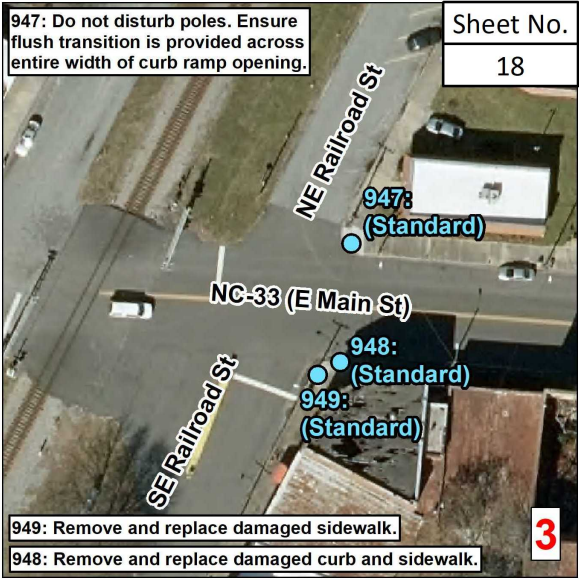
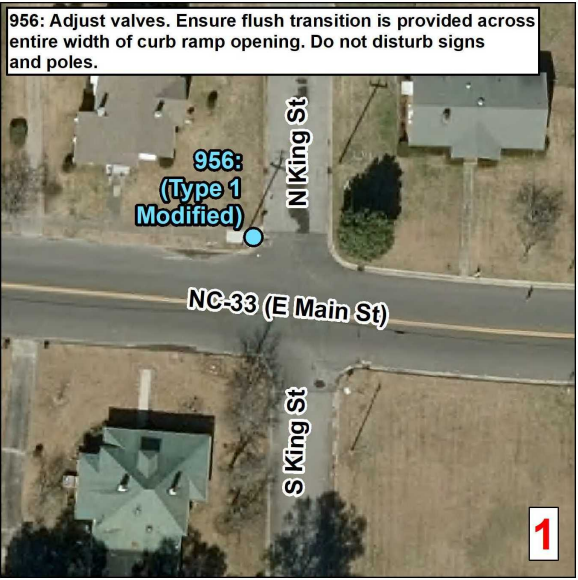
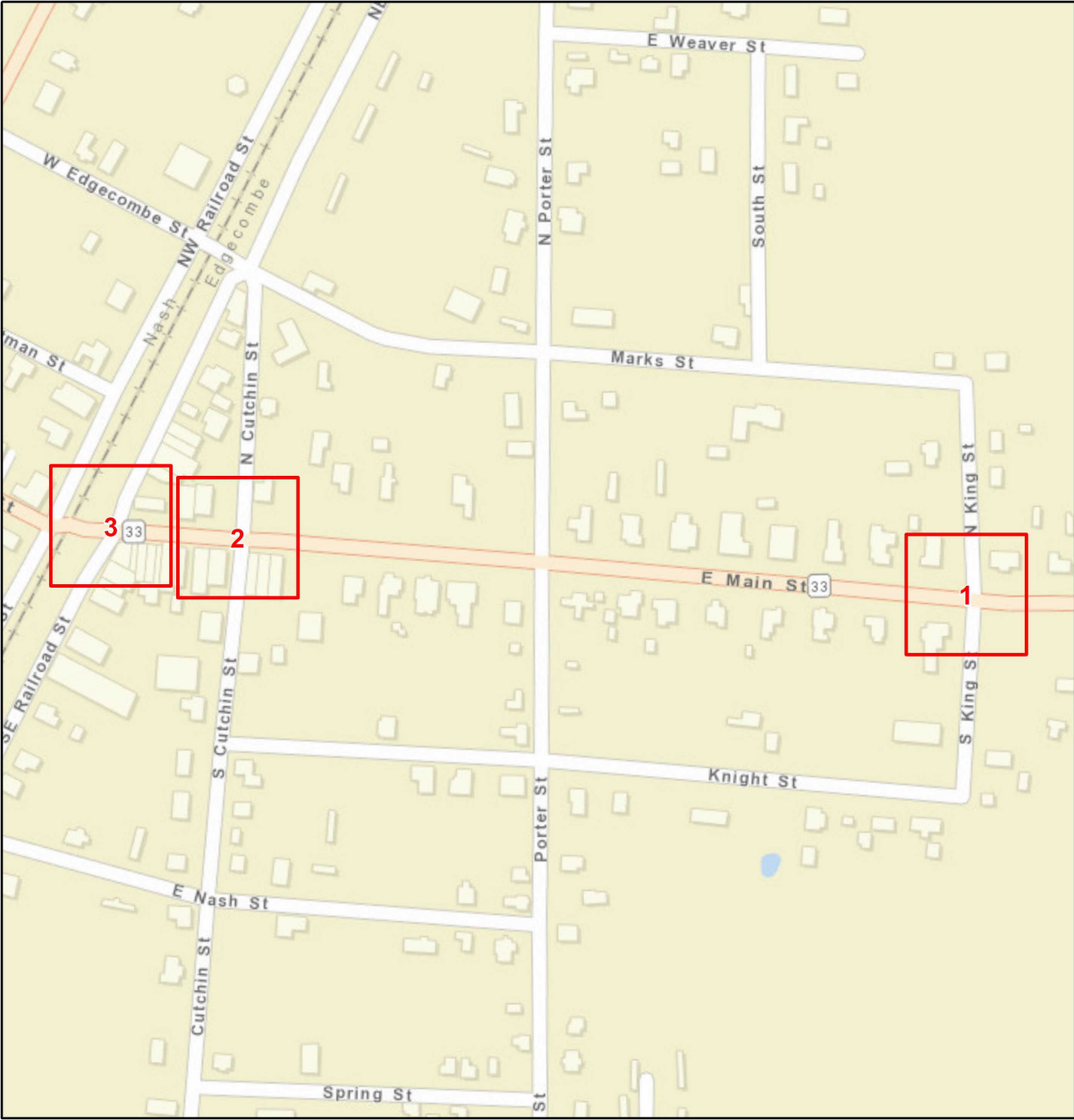
Sheet No.
17

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
956	1	NC-33 (E Main St)	N King St									2		1			Type 1 Modified - 848.06
953	2	NC-33 (E Main St)	SR-1410 (S Cutchin St)	4		15			3		3				1		Type 2A Modified - 848.06
947	3	NC-33 (E Main St)	NE Railroad St											1			Standard - 848.06
948	3	NC-33 (E Main St)	SE Railroad St			10				6				1			Standard - 848.06
949	3	NC-33 (E Main St)	SE Railroad St							3				1			Standard - 848.06
-	-	-	-	-	1.25*	-	16*	-	-	-	-	-	-	-	-	-	
Sub-Total for Whitakers				4	1.25	25	16	0	3	9	3	2	0	4	1	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Whitakers

TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Edgecombe

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - ENFIELD (< 5,000 POPULATION)

Municipality:	Enfield
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

Sheet No.
19

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
965**	1	US-301 (S Mcdaniel St)	AutoZone (731 S McDaniel St) South Entrance											1			Type 1 Modified - 848.06
966	1	US-301 (S Mcdaniel St)	AutoZone (731 S McDaniel St) South Entrance											1			Type 1 Modified - 848.06
959	2	US-301 (S Mcdaniel St)	Busbee Ct											1			Type 1 Modified - 848.06
960	2	US-301 (S Mcdaniel St)	Busbee Ct											1			Type 1 Modified - 848.06
961**	2	US-301 (S Mcdaniel St)	Dollar General (711 S McDaniel St)											1			Type 1 Modified - 848.06
962**	2	US-301 (S Mcdaniel St)	Dollar General (711 S McDaniel St)											1			Type 1 Modified - 848.06
1039	3	SR-1003 (Whitaker St)	Collins Dr											1			Type 1 Modified - 848.06
1033	4	SR-1003 (Whitaker St)	Dr M L King Jr Ave N											1			Type 1 Modified - 848.06
1034	4	SR-1003 (Whitaker St)	Dr M L King Jr Ave S											1			Type 1 Modified - 848.06
1035	4	SR-1003 (Whitaker St)	Dr M L King Jr Ave S											1			Type 1 Modified - 848.06
1036	4	SR-1003 (Whitaker St)	Dr M L King Jr Ave N											1			Type 1 Modified - 848.06
976	5	US-301 (S Mcdaniel St)	Market St									1		1			Type 2A Modified - 848.06
977	5	US-301 (S Mcdaniel St)	Market St			10			6							1	Remove Ramp
978	5	US-301 (S Mcdaniel St)	Market St											1			Type 2B - 848.06
1217	6	US-301 (S Mcdaniel St)	Gas station (113 S McDaniel St) North Entrance											1			Type 1 Modified - 848.06
1218	6	US-301 (S Mcdaniel St)	Gas station (113 S McDaniel St) North Entrance											1			Type 1 Modified - 848.06
1219	6	US-301 (S Mcdaniel St)	Gas Station (113 S McDaniel St) South Entrance											1			Type 1 Modified - 848.06
1220	6	US-301 (S Mcdaniel St)	Gas Station (113 S McDaniel St) South Entrance					5						1			Type 1 Modified - 848.06
979	7	US-301 (S Mcdaniel St)	Hardees (105 S McDaniel St) South Entrance											1			Type 1 Modified - 848.06
980	7	US-301 (S Mcdaniel St)	Hardees (105 S McDaniel St) South Entrance											1			Type 1 Modified - 848.06
983	8	SR-1003 (Whitaker St)	US-301 (S Mcdaniel St)									1		1			Type 2B - 848.06
984	8	SR-1003 (Whitaker St)	US-301 (N Mcdaniel St)	4										1			Type 2B - 848.06
986	8	US-301 (S Mcdaniel St)	NC-481 BUS (Whitaker St)					15		6					1		Type 2A Modified - 848.06
1031	9	NC-481 BUS (Whitaker St)	Tillery St						3					1			Type 1 Modified - 848.06
Sub-Total				4	0	10	0	20	9	0	6	2	0	22	1	1	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - ENFIELD (< 5,000 POPULATION)

Municipality:	Enfield
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

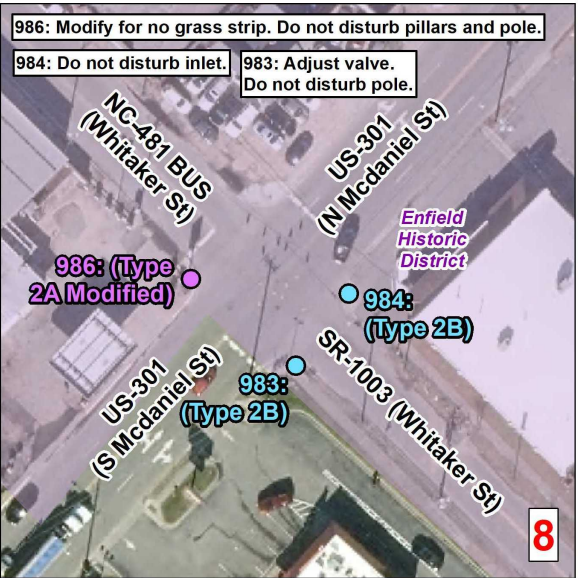
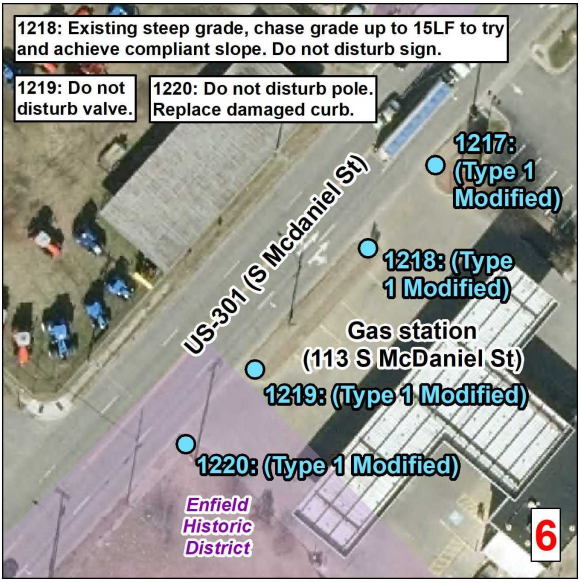
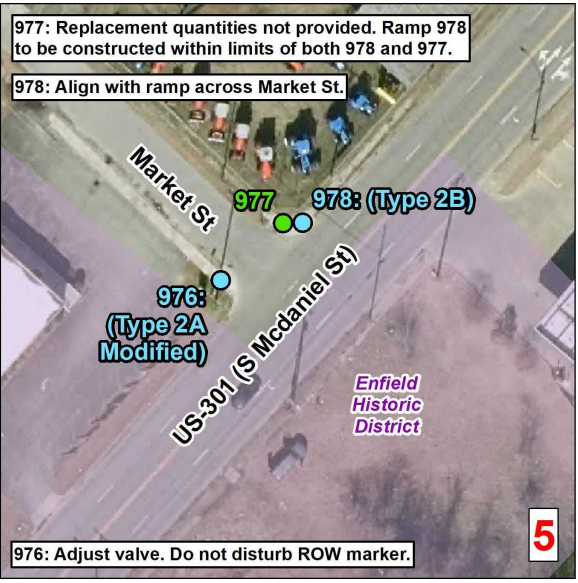
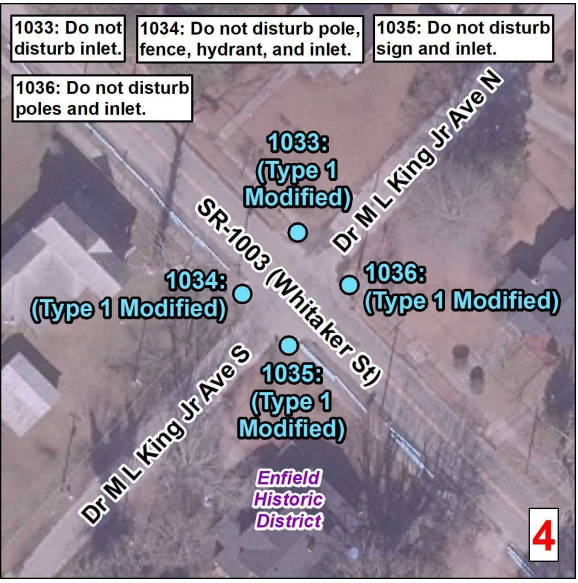
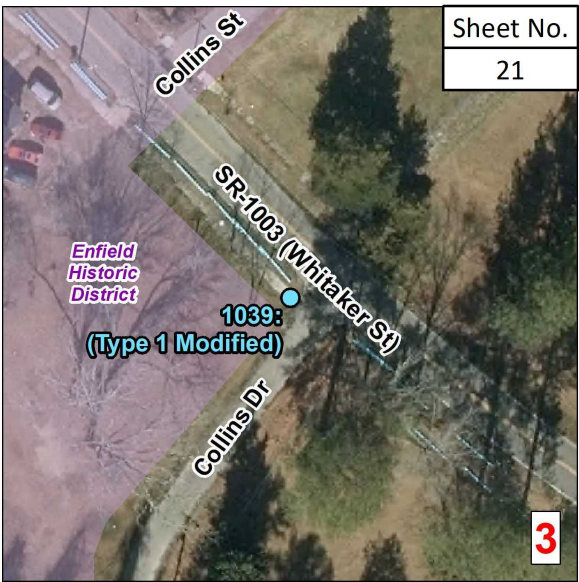
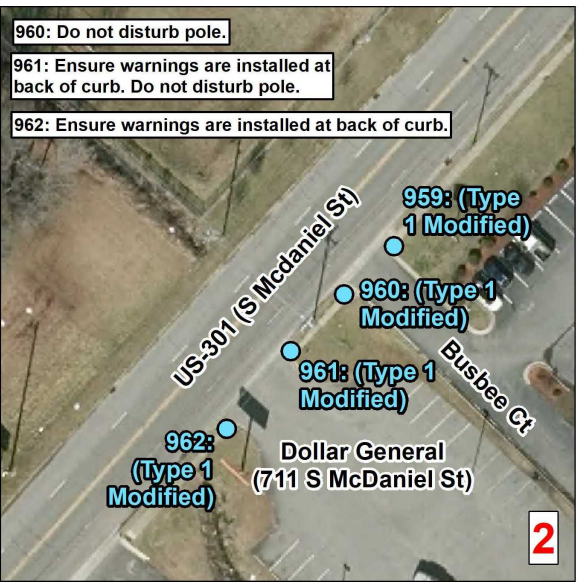
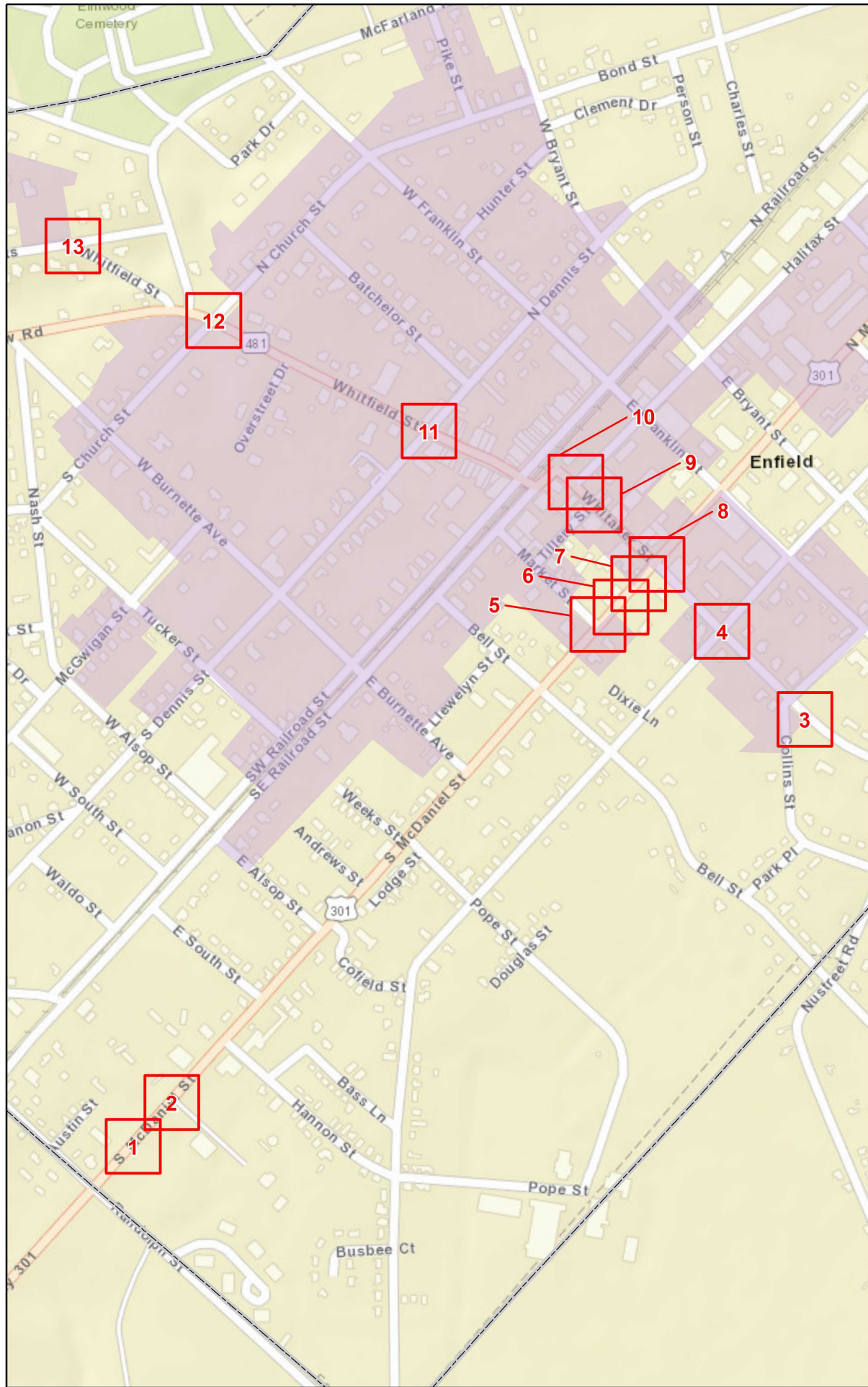
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20

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1032**	9	NC-481 BUS (Whitaker St)	Tillery St						3					1			Type 1 - 848.06
1029	10	NC-481 BUS (Whitaker St)	Halifax St						3					1			Type 1 - 848.06
1030**	10	NC-481 BUS (Whitaker St)	Halifax St						3					1			Type 1 Modified - 848.06
998**	11	NC-481 BUS (Whitfield St)	N Dennis St											1			Type 4C - 848D0610
999**	11	NC-481 BUS (Whitfield St)	N Dennis St							9				1			Type 4C - 848D0610
1000	11	NC-481 BUS (Whitfield St)	SR-1224 (S Dennis St)											1			Type 4C - 848D0610
1001	11	NC-481 BUS (Whitfield St)	SR-1224 (S Dennis St)											1			Type 4C - 848D0610
1002**	11	NC-481 BUS (Whitfield St)	SR-1224 (S Dennis St)											1			Type 4 - 848D0610
1003	11	NC-481 BUS (Whitfield St)	SR-1224 (S Dennis St)							9				1			Type 4 - 848D0610
1004**	11	NC-481 BUS (Whitfield St)	N Dennis St											1			Type 2A - 848.06
1005	11	NC-481 BUS (Whitfield St)	N Dennis St													1	Remove Ramp
1014**	12	NC-481 BUS (Whitfield St)	S Church St											1			Type 4A - 848D0610
1015**	12	NC-481 BUS (Whitfield St)	S Church St									1		1			Type 4A - 848D0610
1016**	12	NC-481 BUS (Whitfield St)	SR-1001 (N Church St)											1			Type 5 - 848.06
1017**	12	NC-481 BUS (Whitfield St)	SR-1001 (N Church St)									2		1			Type 5 - 848.06
1018	12	NC-481 BUS (Whitfield St)	S Church St											1			Type 2A Modified - 848.06
1019	12	NC-481 BUS (Whitfield St)	SR-1001 (N Church St)							6				1			Type 4A - 848D0610
1020	12	NC-481 BUS (Whitfield St)	SR-1001 (N Church St)											1			Type 4A - 848D0610
1024	13	SR-1223 (Whitfield St)	Sherrod Heights											1			Type 1C - 848.06
-	-	-	-	-	10.75*	-	160*	-	-	9*	-	-	-	-	-	-	
Sub-Total				0	10.75	0	160	0	9	33	0	3	0	18	0	1	
Sub-Total for Enfield				4	10.75	10	160	20	18	33	6	5	0	40	1	2	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

▭ Municipal Boundary

▭ Census Urban Areas (>5,000 Pop)

▭ NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Enfield

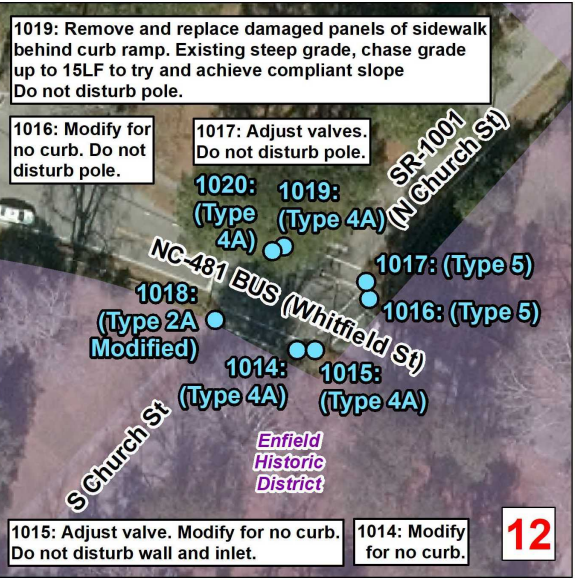
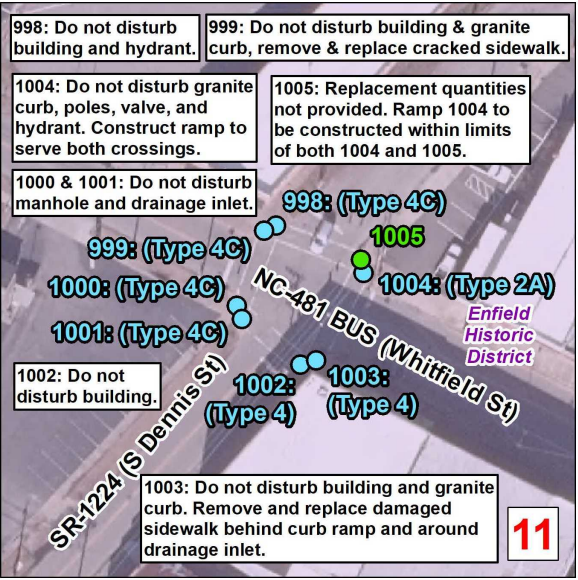
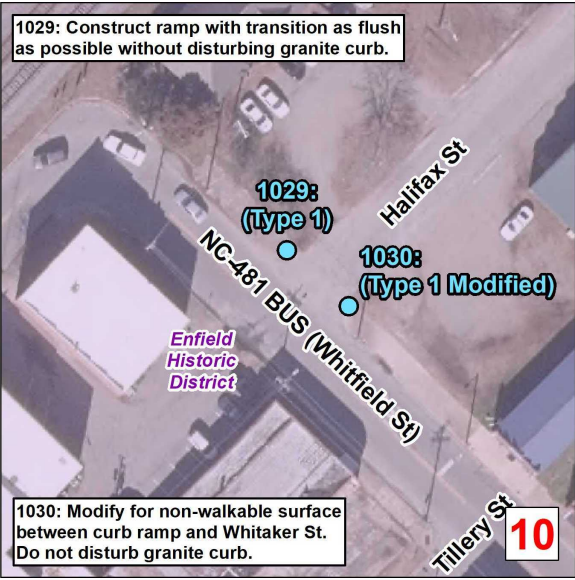
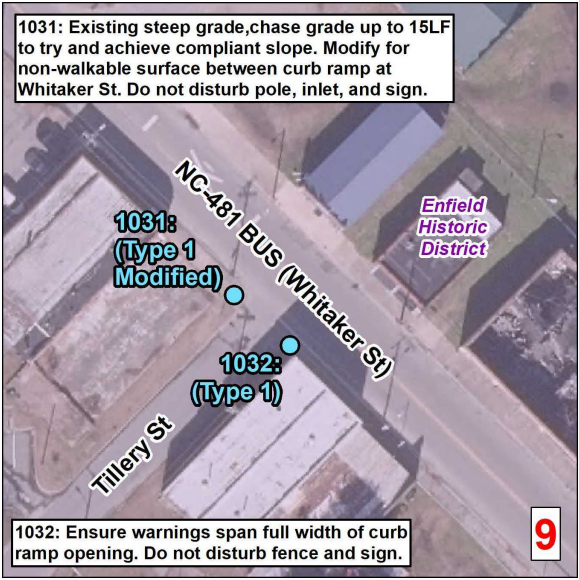
TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Halifax

 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Enfield

TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Halifax

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - HALIFAX (< 5,000 POPULATION)

Municipality:	Halifax
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

Sheet No.
23

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
887	1	US-301 BUS (S King St)	C St											1			Type 1 Modified - 848.06
910	2	US-301 BUS (S King St)	W Prussia St											1			Type 1 Modified - 848.06
896**	3	US-301 BUS (N King St)	SR-1158 (W Pittsylvania St)											1			Type 4C - 848D0610
897	3	US-301 BUS (N King St)	SR-1158 (W Pittsylvania St)											1			Type 4C - 848D0610
-	-	-	-	-	1*	-	12*	-	-	3*	-	-	-	-	-	-	
Sub-Total for Halifax				0	1	0	12	0	0	3	0	0	0	4	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - HOBGOOD (< 5,000 POPULATION)

Municipality:	Hobgood
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

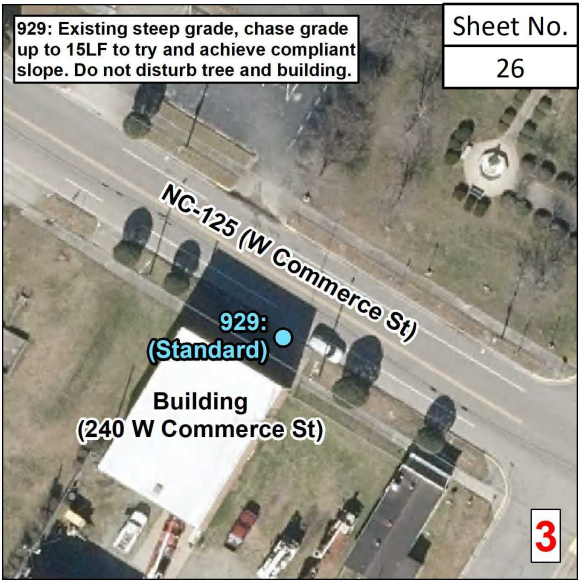
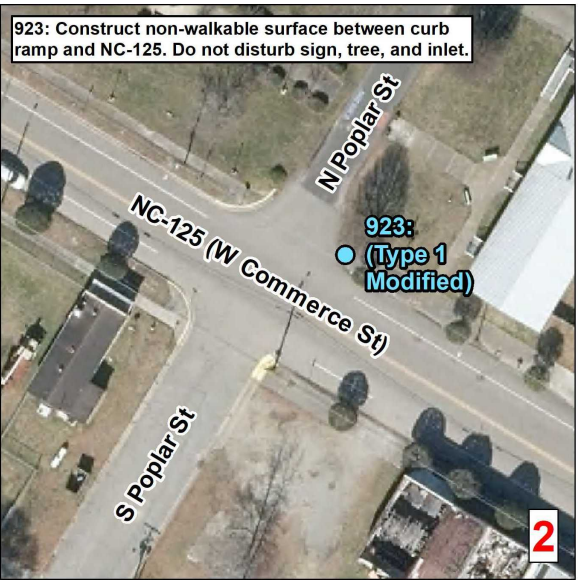
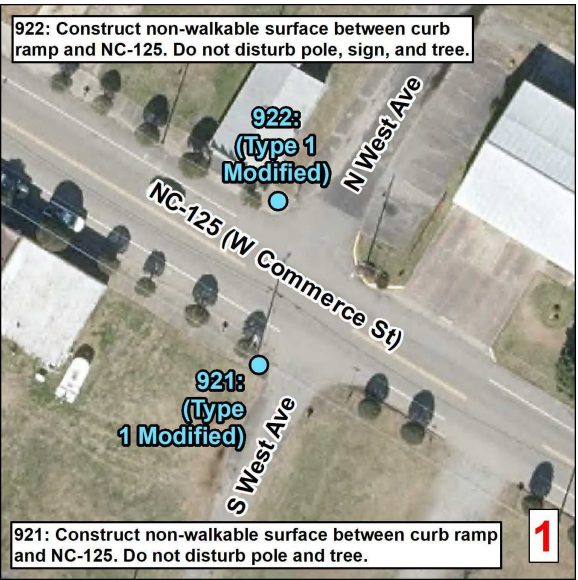
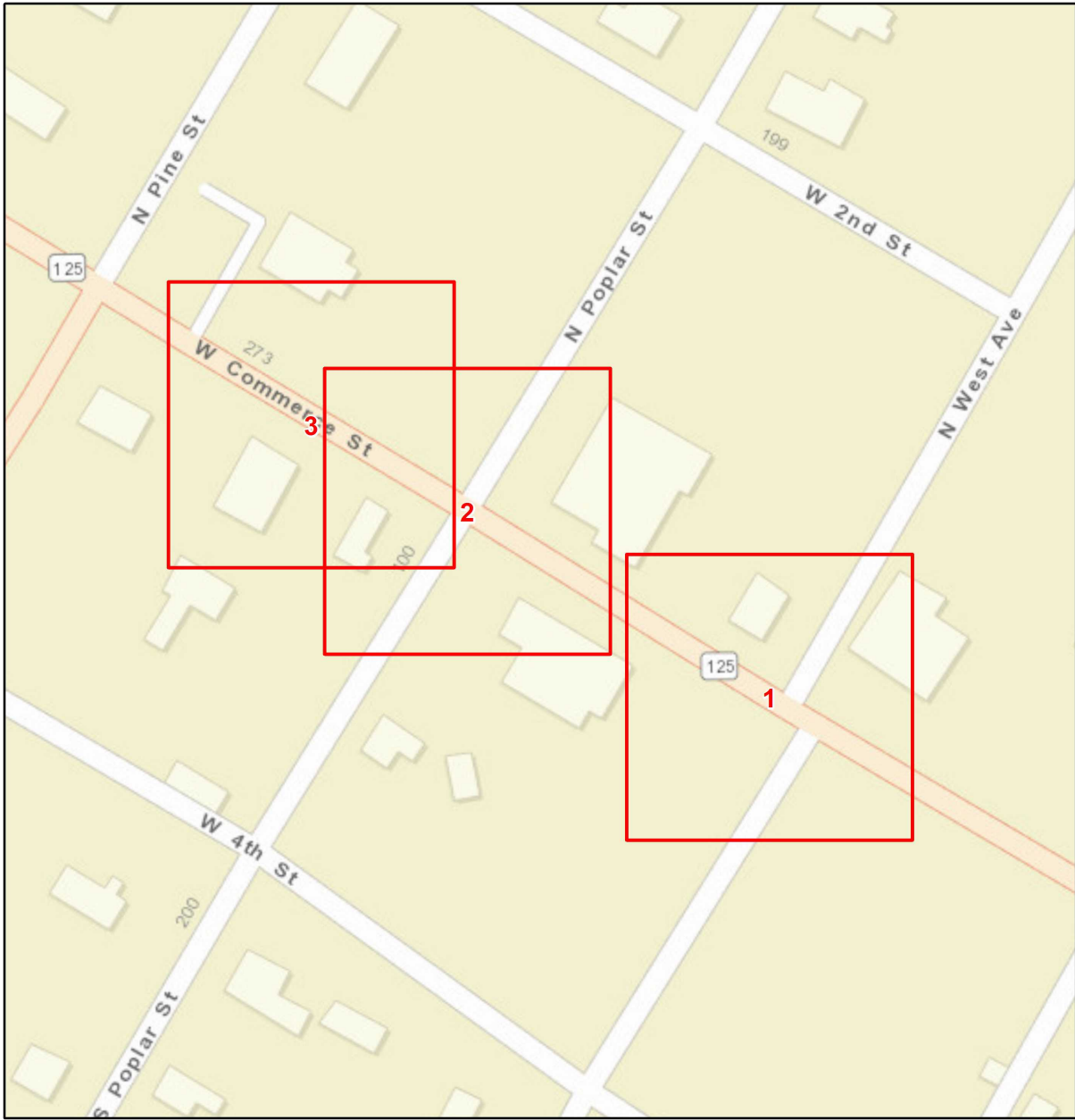
Sheet No.
25

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
921	1	NC-125 (W Commerce St)	S West Ave						3					1			Type 1 Modified - 848.06
922	1	NC-125 (W Commerce St)	N West Ave						3					1			Type 1 Modified - 848.06
923	2	NC-125 (W Commerce St)	N Poplar St						3					1			Type 1 Modified - 848.06
929	3	NC-125 (W Commerce St)	Building (240 W Commerce St)											1			Standard - 848.06
-	-	-	-	-	1*	-	16*	-	-	3*	-	-	-	-	-	-	
Sub-Total for Hobgood				0	1	0	16	0	9	3	0	0	0	4	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Hobgood

TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Halifax

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - LITTLETON (< 5,000 POPULATION)

Municipality:	Littleton
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

Sheet No.
27

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
849	1	NC-4 (Mosby Ave)	W Halifax St											1			Type 1B - 848.06
850	1	NC-4 (Mosby Ave)	W Halifax St											1			Type 1B - 848.06
851	1	NC-4 (Mosby Ave)	E Halifax St											1			Type 1B - 848.06
852	1	NC-4 (Mosby Ave)	E Halifax St											1			Type 1 Modified - 848.06
861**	2	US-158 (E South Main St)	Johnston St											1			Type 1 Modified - 848.06
859	3	US-158 (E South Main St)	First Citizens Bank (111 E South Main St) Entrance											1			Type 1 Modified - 848.06
862	3	US-158 (E South Main St)	First Citizens Bank (111 E South Main St) Entrance											1			Type 1 Modified - 848.06
863	3	US-158 (E South Main St)	First Citizens Bank (111 E South Main St) Exit											1			Type 1 Modified - 848.06
864	3	US-158 (E South Main St)	First Citizens Bank (111 E South Main St) Exit											1			Type 1 Modified - 848.06
865**	4	US-158 (E South Main St)	US-158 Crossing (131 E South Main St)		0.5									1			Standard - 848.06
837	5	SR-1402 (E North Main St)	SR-1402 (Spring St)											1			Type 1B - 848.06
836	6	SR-1402 (Spring St)	Center St						11								Other
839	7	SR-1402 (E North Main St)	Church St						3					1			Type 1 Modified - 848.06
840**	7	SR-1402 (E North Main St)	Church St											1			Type 1 Modified - 848.06
867**	8	US-158 (E South Main St)	SR-1402 (Church St)											1			Type 1 Modified - 848.06
868**	8	US-158 (E South Main St)	SR-1402 (Church St)											1			Type 1 Modified - 848.06
885	9	US-158 (E South Main St)	SR-1401 (Ferguson St)											1			Standard - 848.06
876	10	SR-1401 (Ferguson St)	Blue Jay Bistro (141 E South Main St) Back lot South Entrance											1			Type 1C - 848.06
879	10	SR-1401 (Ferguson St)	Grandpa's Kitchen (149 E South Main St) Back Entrance							9				1			Type 1 - 848.06
1623	10	SR-1401 (Ferguson St)	Grandpa's Kitchen (149 E South Main St) Back Entrance											1			Type 1 Modified - 848.06
883	11	US-158 (Hwy 158 E)	Hardees (221 Hwy 158 E) West Entrance											1			Type 1A - 848.06
884	11	US-158 (Hwy 158 E)	Hardees (221 Hwy 158 E) West Entrance											1			Type 1A - 848.06
881	12	US-158 (Hwy 158 E)	Hardees (221 Hwy 158 E) East Entrance											1			Type 1A - 848.06
Sub-Total				0	0.5	0	0	0	14	9	0	0	0	22	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - LITTLETON (< 5,000 POPULATION)

Municipality:	Littleton
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

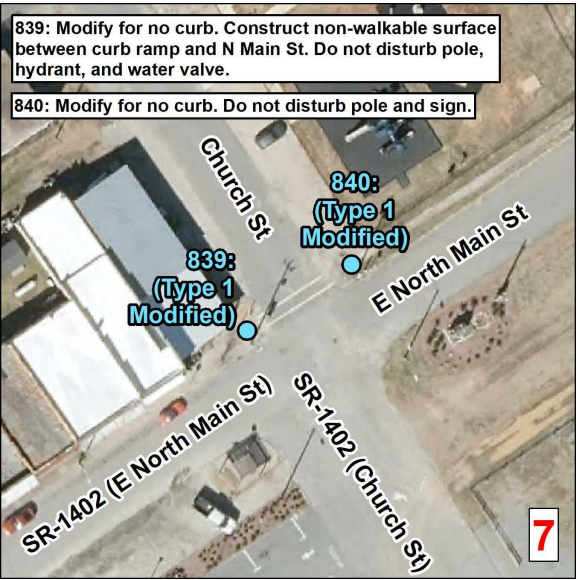
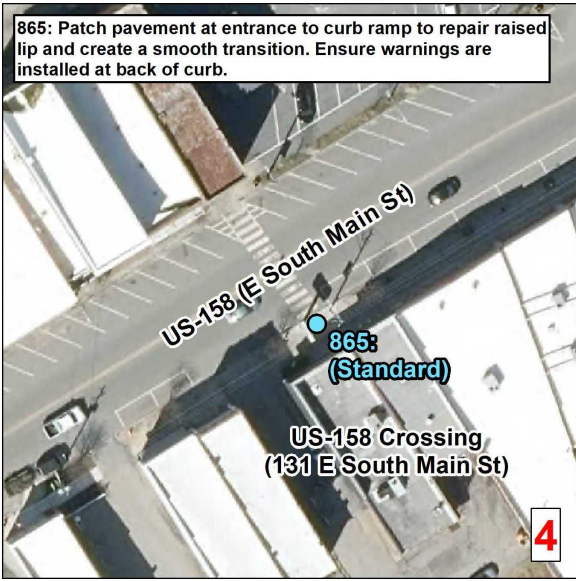
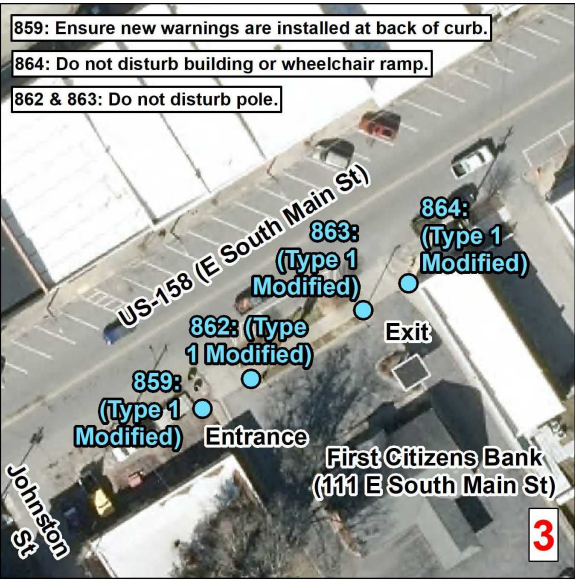
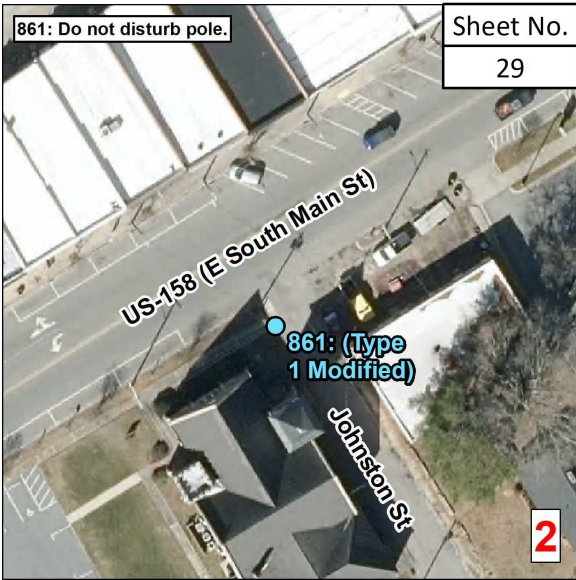
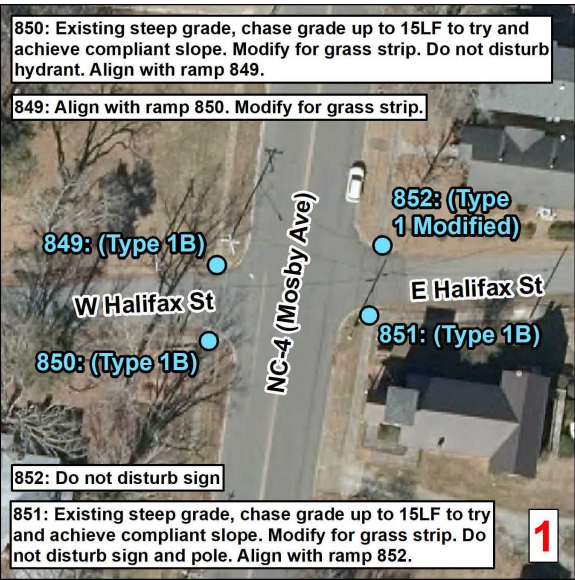
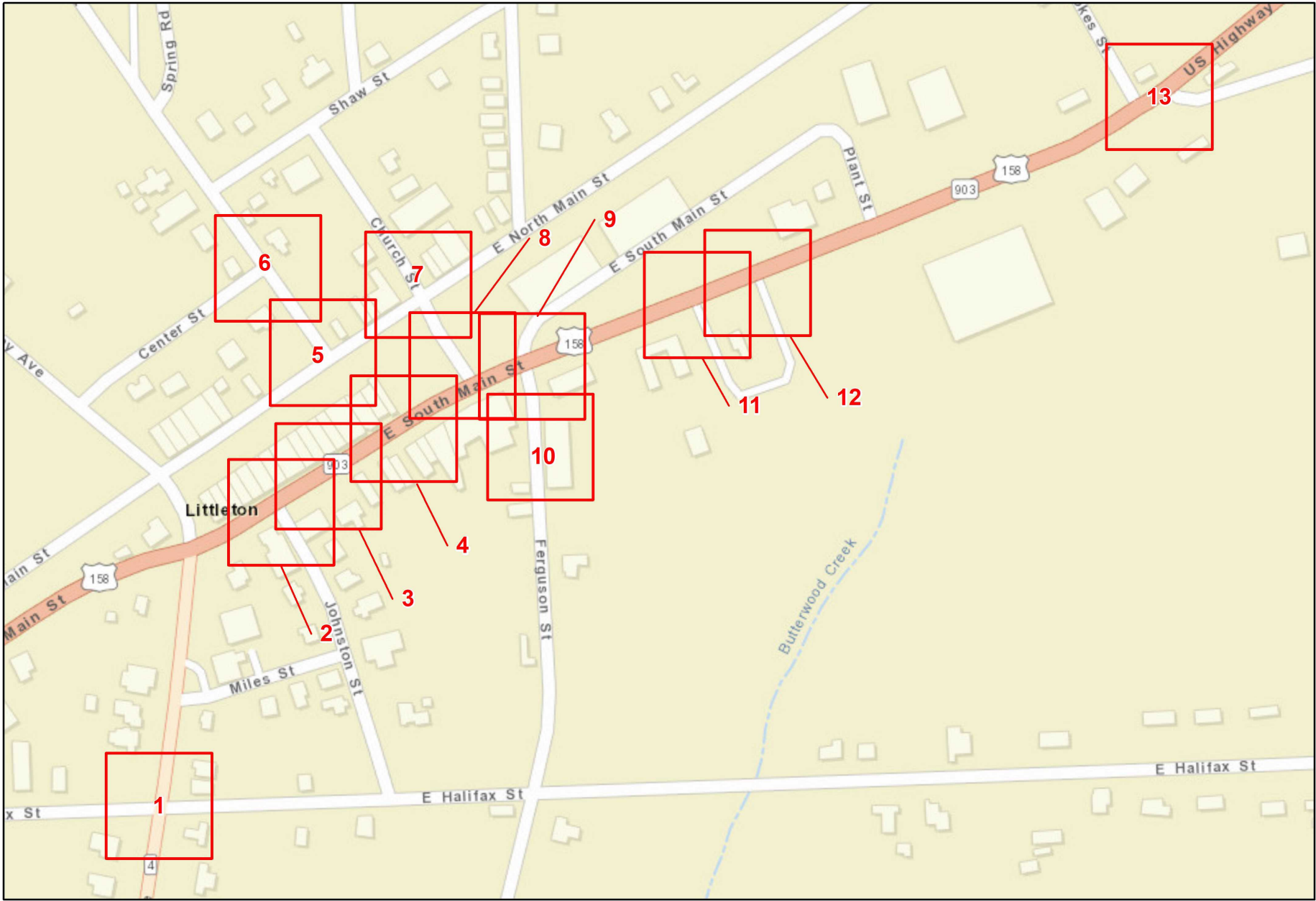
Sheet No.
28

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
882	12	US-158 (Hwy 158 E)	Hardees (221 Hwy 158 E) East Entrance											1			Type 1A - 848.06
880	13	US-158 (Hwy 158 E)	SR-1403 (East End Ave)											1			Type 1A - 848.06
-	-	-	-	-	6*	-	96*	-	-	9*	-	-	-	-	-	-	
Sub-Total				0	6	0	96	0	0	9	0	0	0	2	0	0	
Sub-Total for Littleton				0	6.5	0	96	0	14	18	0	0	0	24	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Littleton

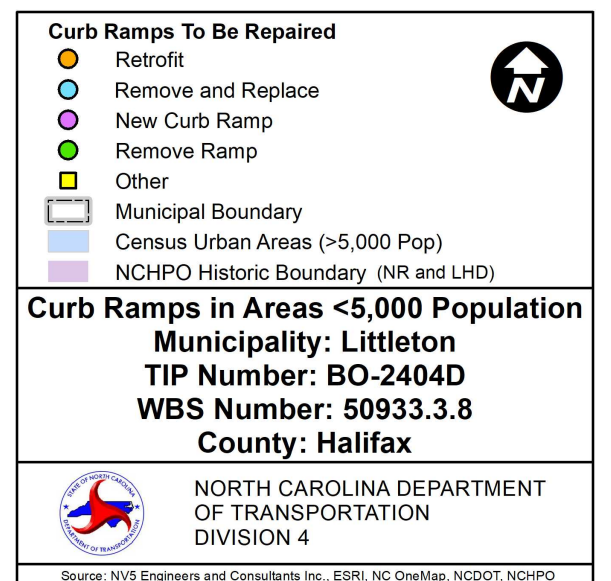
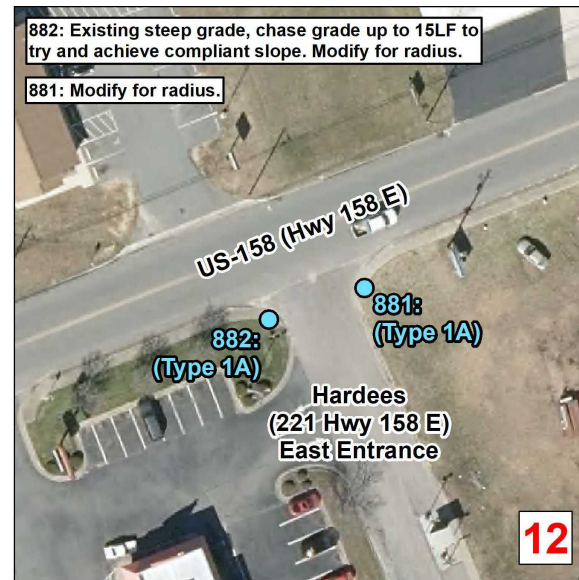
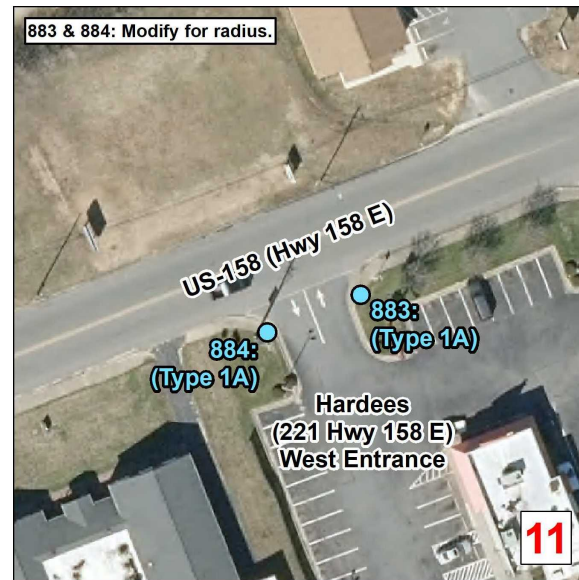
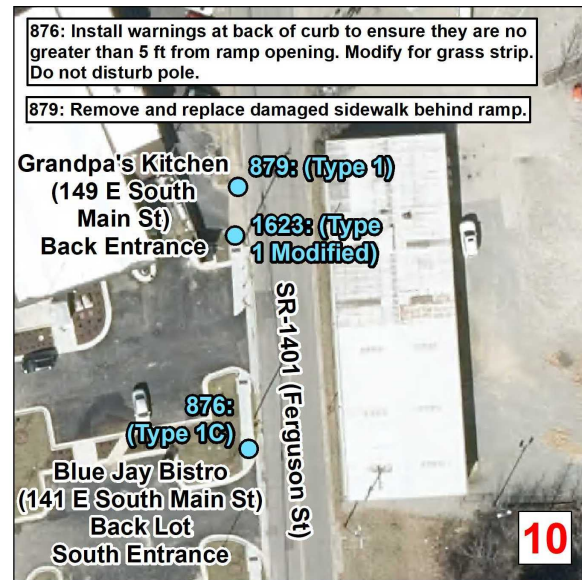
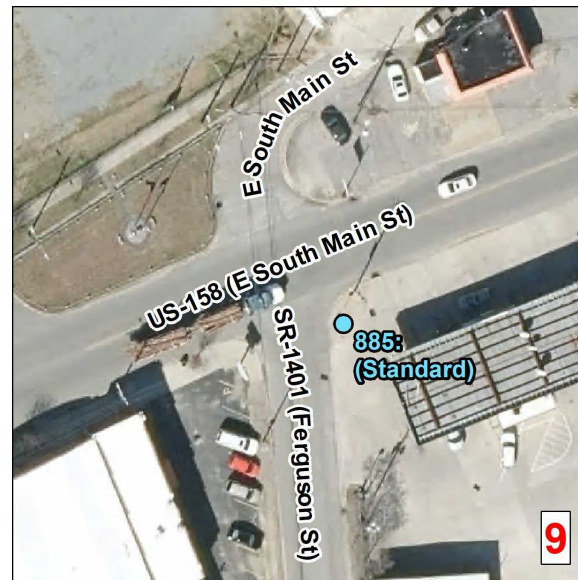
TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Halifax

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO



ADA SUMMARY OF QUANTITIES - ROANOKE RAPIDS (< 5,000 POPULATION)

Municipality:	Roanoke Rapids
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

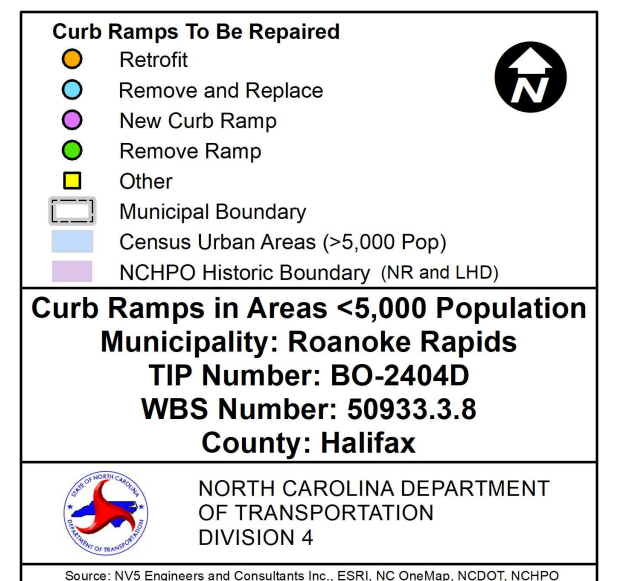
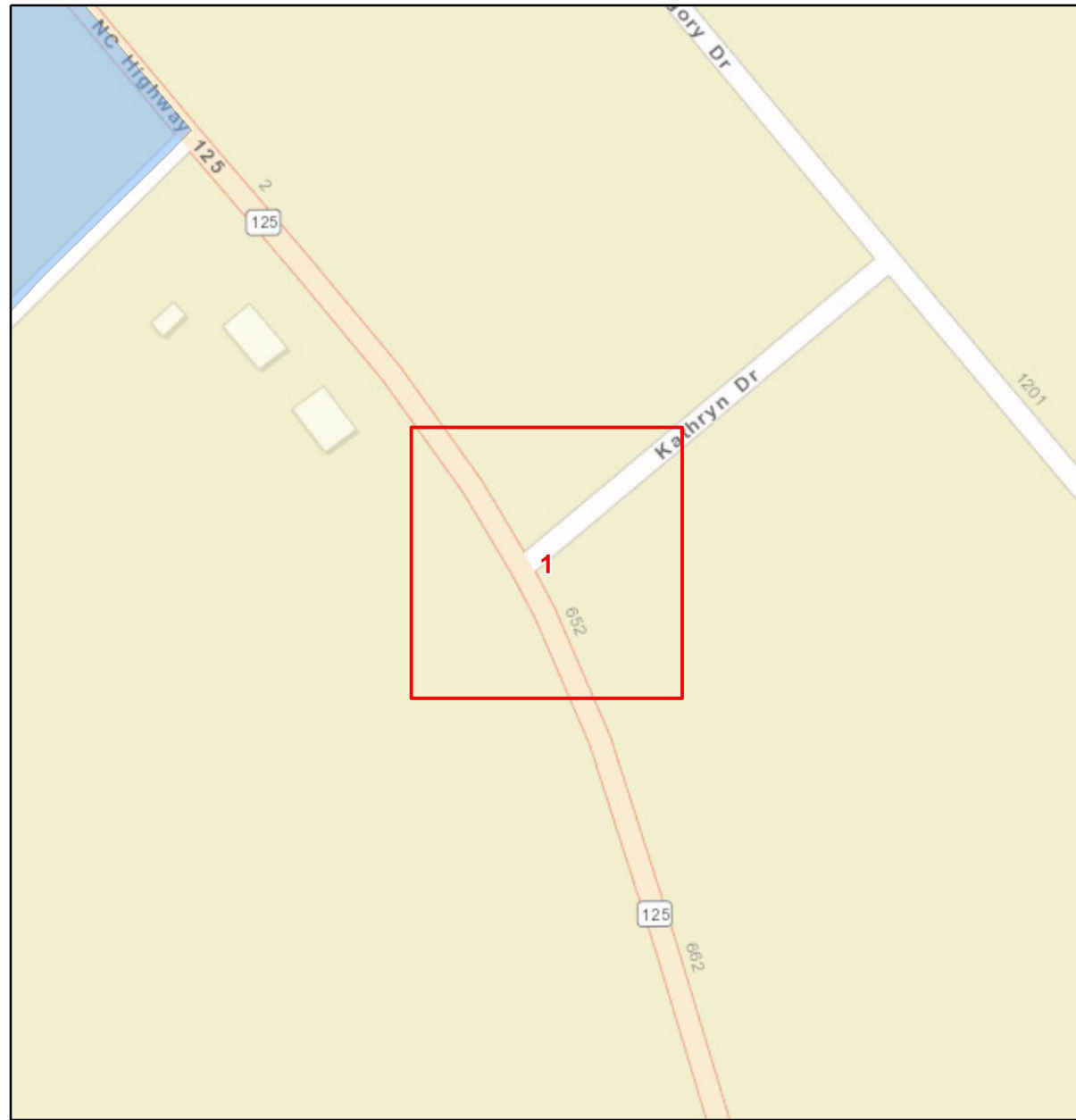
Sheet No.
31

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
822	1	NC-125 (Hwy 125)	Kathryn Dr											1			Standard - 848.06
-	-	-	-	-	0.25*	-	4*	-	-	-	-	-	-	-	-	-	
Sub-Total for Roanoke Rapids				0	0.25	0	4	0	0	0	0	0	0	1	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - SCOTLAND NECK (< 5,000 POPULATION)

Municipality:	Scotland Neck
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

Sheet No.
33

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1126	1	US-258 (Main St)	Exxon / Handy Mart (408 Main St) South Entrance											1			Type 1 Modified - 848.06
1127	1	US-258 (Main St)	Exxon / Handy Mart (408 Main St) North Entrance											1			Type 1 Modified - 848.06
1129	1	US-258 (Main St)	Scotland Neck Halifax County ABC Store (411 Main St)											1			Type 1 Modified - 848.06
1130	1	US-258 (Main St)	Scotland Neck Halifax County ABC Store (411 Main St)											1			Type 1 Modified - 848.06
1141	2	US-258 (Main St)	Hardees (608 Main St) South Entrance											1			Type 1 Modified - 848.06
1142	2	US-258 (Main St)	Hardees (608 Main St) South Entrance											1			Type 1 Modified - 848.06
1143	2	US-258 (Main St)	Hardees (608 Main St) North Entrance											1			Type 1 Modified - 848.06
1144	2	US-258 (Main St)	Hardees (608 Main St) North Entrance											1			Type 1 Modified - 848.06
1158	3	US-258 (Main St)	Business (701 Main St) South Entrance											1			Type 1 Modified - 848.06
1159	3	US-258 (Main St)	Business (701 Main St) South Entrance											1			Type 1 Modified - 848.06
1160	3	US-258 (Main St)	Business (701 Main St) North Entrance											1			Type 1 Modified - 848.06
1161	3	US-258 (Main St)	Business (701 Main St) North Entrance											1			Type 1 Modified - 848.06
1149	4	US-258 (Main St)	Willoughby Funeral Home (708 Main St)			4			4							1	Remove Ramp
1162	5	US-258 (Main St)	Southern Bank (810 Main St) Parking Lot Entrance											1			Type 1 Modified - 848.06
1163	5	US-258 (Main St)	Southern Bank (810 Main St) Parking Lot Entrance											1			Type 1 Modified - 848.06
1164	5	US-258 (Main St)	Southern Bank (810 Main St) Teller Exit											1			Type 1 Modified - 848.06
1117	6	NC-903 (E 9th St)	Roanoke St											1			Type 4A - 848D0610
1118	6	NC-903 (E 9th St)	Roanoke St											1			Type 4A - 848D0610
1119	6	NC-903 (E 9th St)	Roanoke St											1			Type 5 - 848.06
1120**	6	NC-903 (E 9th St)	Roanoke St											1			Type 5 - 848.06
1123	6	NC-903 (E 9th St)	Roanoke St											1			Type 4A - 848D0610
1124	6	NC-903 (E 9th St)	Roanoke St											1			Type 4A - 848D0610
1062	7	NC-903 (E 9th St)	Greenwood St		0.5												Other
1596	7	NC-903 (E 9th St)	Greenwood St		0.5												Other
Sub-Total				0	1	4	0	0	4	0	0	0	0	21	0	1	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.

ADA SUMMARY OF QUANTITIES - SCOTLAND NECK (< 5,000 POPULATION)

Municipality:	Scotland Neck
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

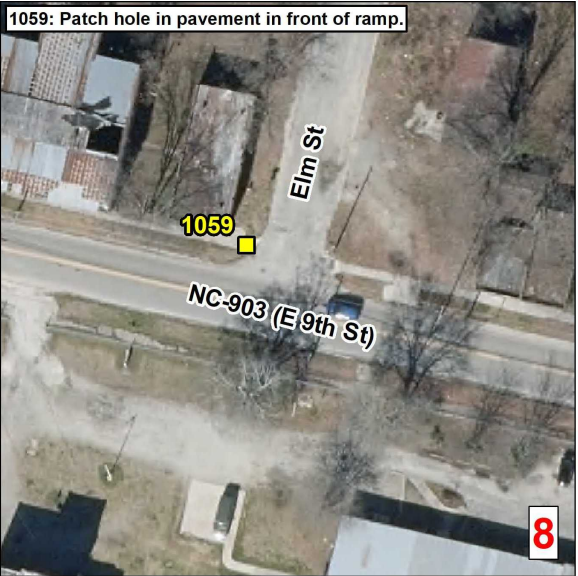
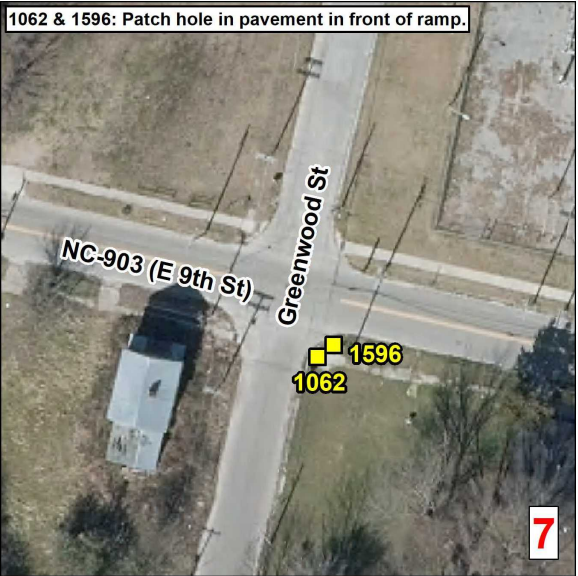
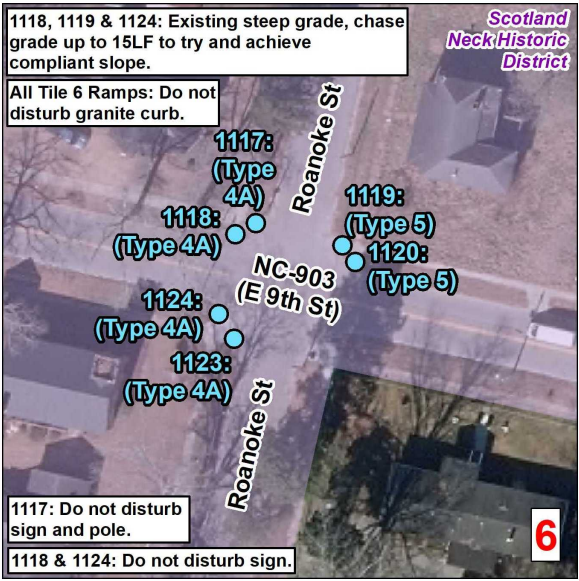
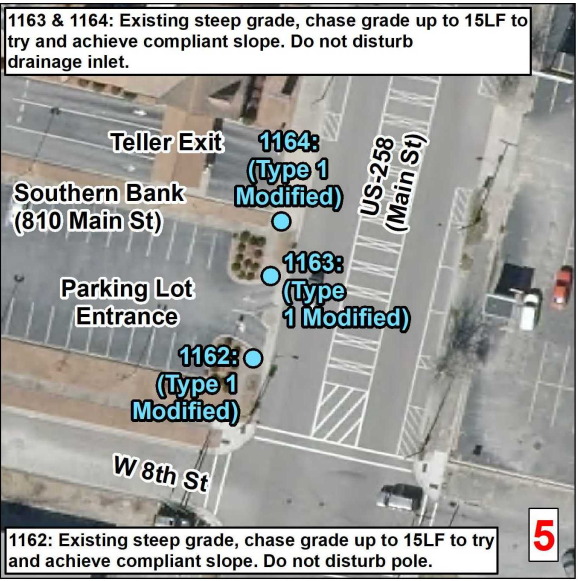
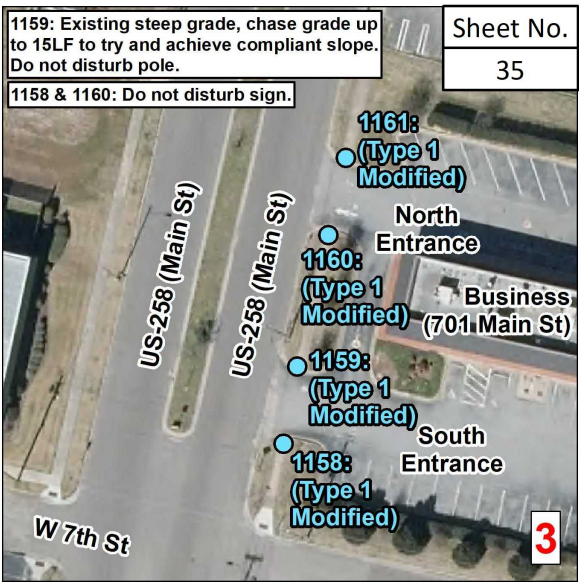
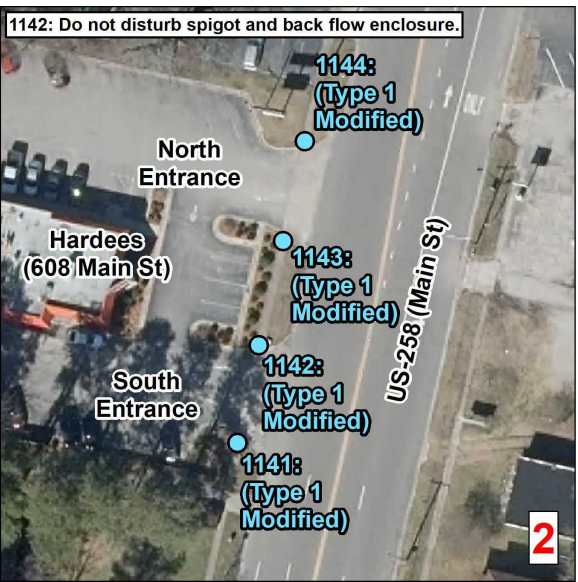
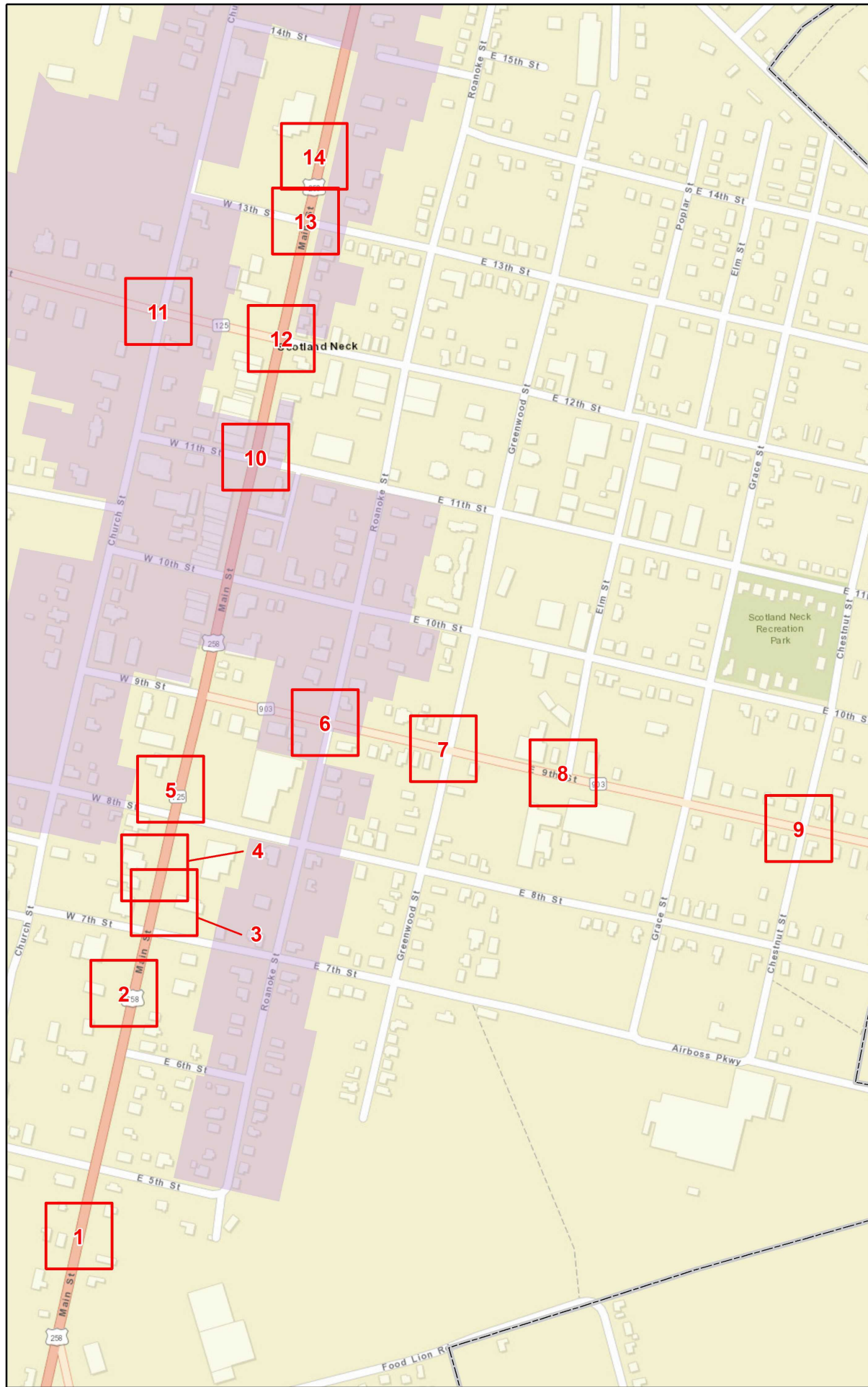
Sheet No.
34

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
1059	8	NC-903 (E 9th St)	Elm St		0.5												Other
1051	9	NC-903 (E 9th St)	Chestnut St							6				1			Type 1 Modified - 848.06
1185	10	US-258 (Main St)	E 11th St											1			Type 5 - 848.06
1186	10	US-258 (Main St)	E 11th St											1			Type 5 - 848.06
1048**	11	NC-125 (W 12th St)	Church St							9				1			Type 4A - 848D0610
1049	11	NC-125 (W 12th St)	Church St											1			Type 4A - 848D0610
1189	12	US-258 (Main St)	NC-125 (W 12th St)										1				Retrofit Warnings - 848.06
1190	12	US-258 (Main St)	NC-125 (W 12th St)										1				Retrofit Warnings - 848.06
1191	12	US-258 (Main St)	NC-125 (W 12th St)										1				Retrofit Warnings - 848.06
1192	12	US-258 (Main St)	NC-125 (W 12th St)										1				Retrofit Warnings - 848.06
1193**	12	US-258 (Main St)	E 12th St										1				Retrofit Warnings - 848.06
1194	12	US-258 (Main St)	E 12th St										1				Retrofit Warnings - 848.06
1195	12	US-258 (Main St)	E 12th St										1				Retrofit Warnings - 848.06
1196**	12	US-258 (Main St)	E 12th St										1				Retrofit Warnings - 848.06
1199	13	US-258 (Main St)	W 13th St											1			Type 4A - 848D0610
1200**	13	US-258 (Main St)	W 13th St											1			Type 4A - 848D0610
1619	14	US-258 (Main St)	Scotland Neck Municipal Complex (1310 Main St)											1			Type 1 Modified - 848.06
1620	14	US-258 (Main St)	Scotland Neck Municipal Complex (1310 Main St)											1			Type 1 Modified - 848.06
-	-	-	-	-	9*	-	120*	-	-	39*	-	-	-	-	-	-	
Sub-Total				0	9.5	0	120	0	0	15	0	0	8	9	0	0	
Sub-Total for Scotland Neck				0	10.5	4	120	0	4	54	0	0	8	30	0	1	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population

Municipality: Scotland Neck

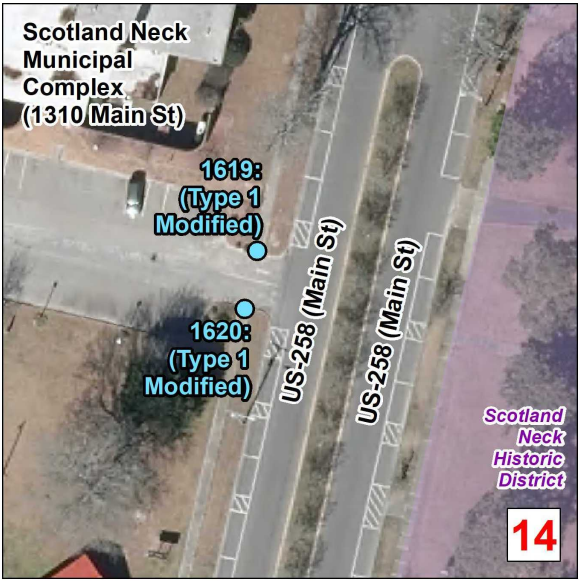
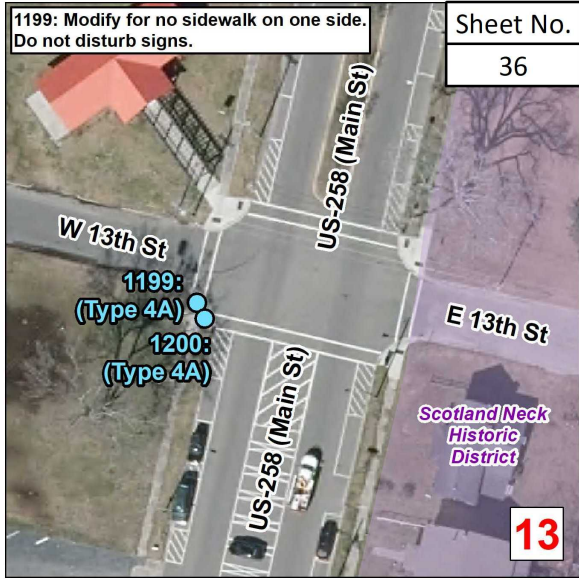
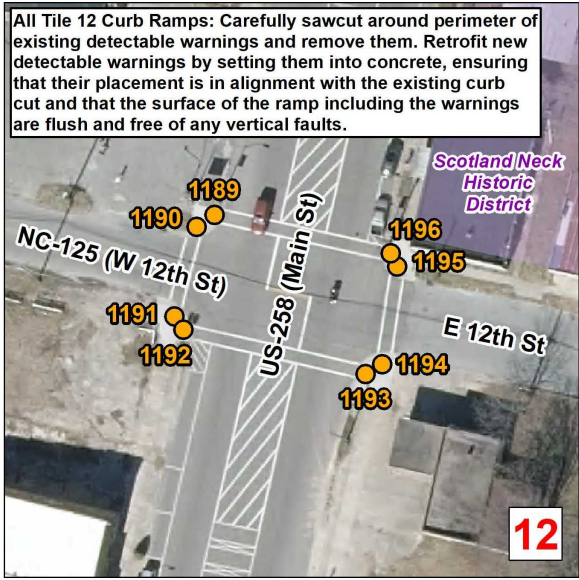
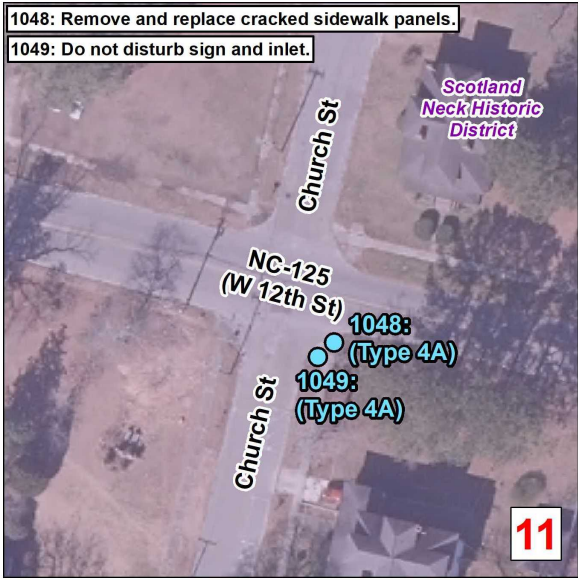
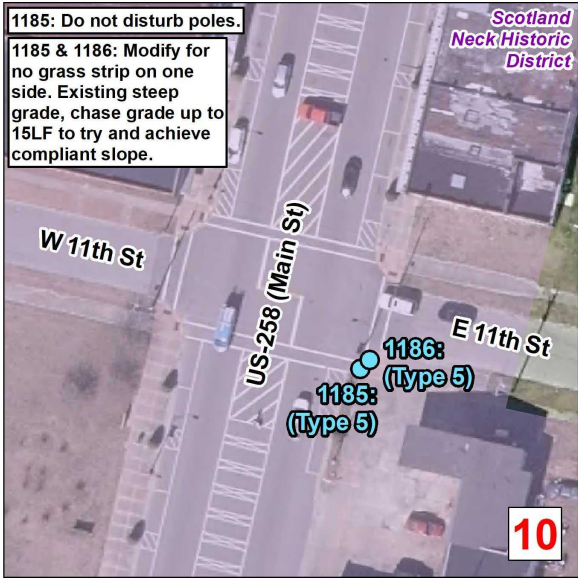
TIP Number: BO-2404D

WBS Number: 50933.3.8

County: Halifax

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO



Curb Ramps To Be Repaired

- Retrofit
- Remove and Replace
- New Curb Ramp
- Remove Ramp
- Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

Curb Ramps in Areas <5,000 Population
Municipality: Scotland Neck
TIP Number: BO-2404D
WBS Number: 50933.3.8
County: Halifax

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO

ADA SUMMARY OF QUANTITIES - WELDON (< 5,000 POPULATION)

Municipality:	Weldon
TIP Number:	BO-2404D
WBS Number:	50933.3.8
County:	Halifax

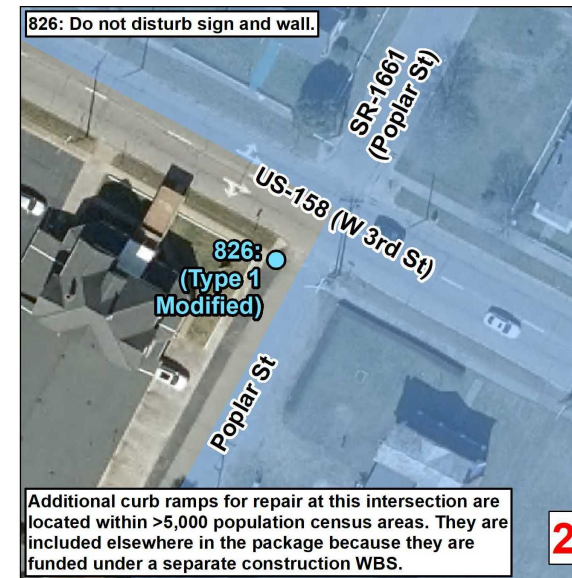
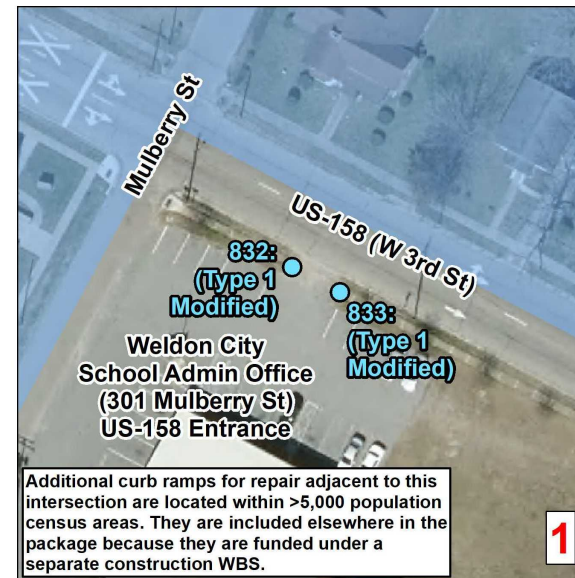
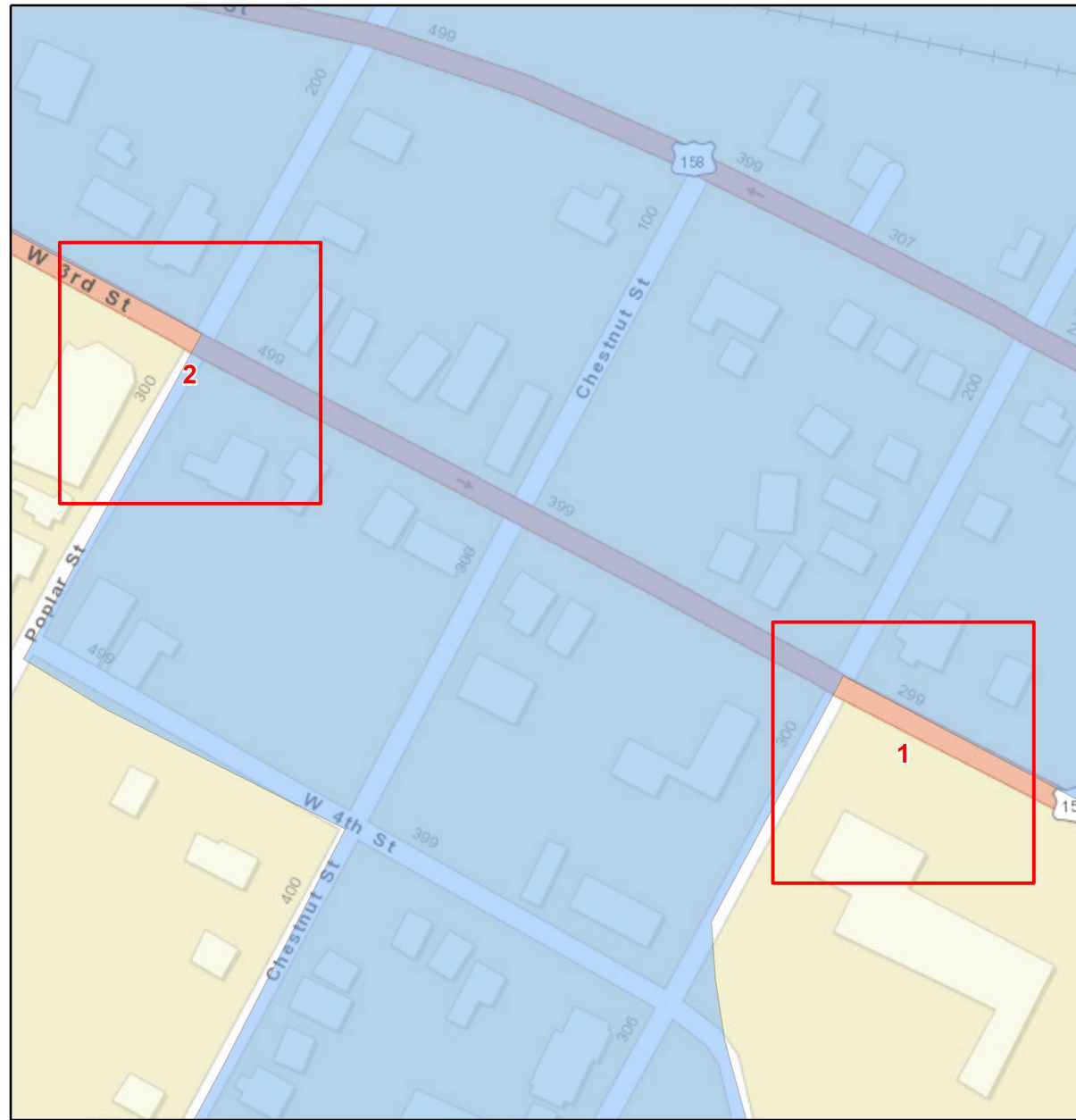
Sheet No.
37

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
832	1	US-158 (W 3rd St)	Weldon City School Admin Office (301 Mulberry St) US-158 Entrance											1			Type 1 Modified - 848.06
833	1	US-158 (W 3rd St)	Weldon City School Admin Office (301 Mulberry St) US-158 Entrance											1			Type 1 Modified - 848.06
826	2	US-158 (W 3rd St)	Poplar St											1			Type 1 Modified - 848.06
-	-	-	-	-	0.75*	-	12*	-	-	-	-	-	-	-	-	-	
Sub-Total for Weldon				0	0.75	0	12	0	0	0	0	0	0	3	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



ADA SUMMARY OF QUANTITIES - WELDON (5,000-50,000 POPULATION)

Municipality:	Weldon
TIP Number:	BO-2404E
WBS Number:	50933.3.9
County:	Halifax

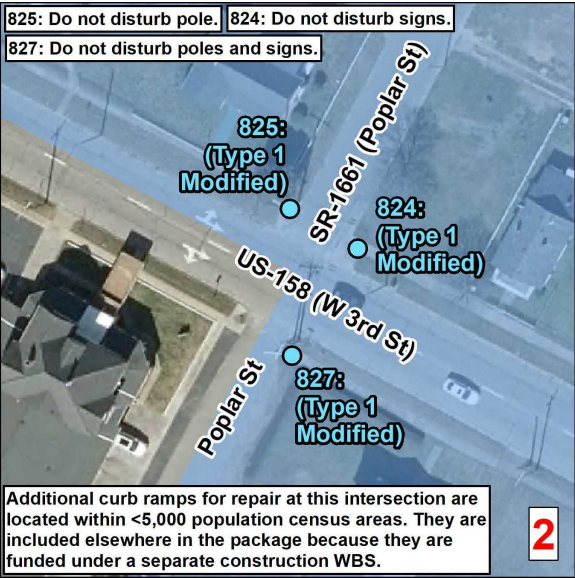
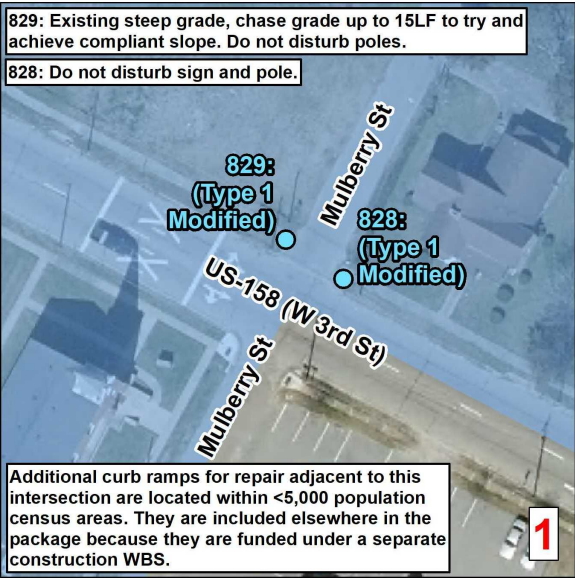
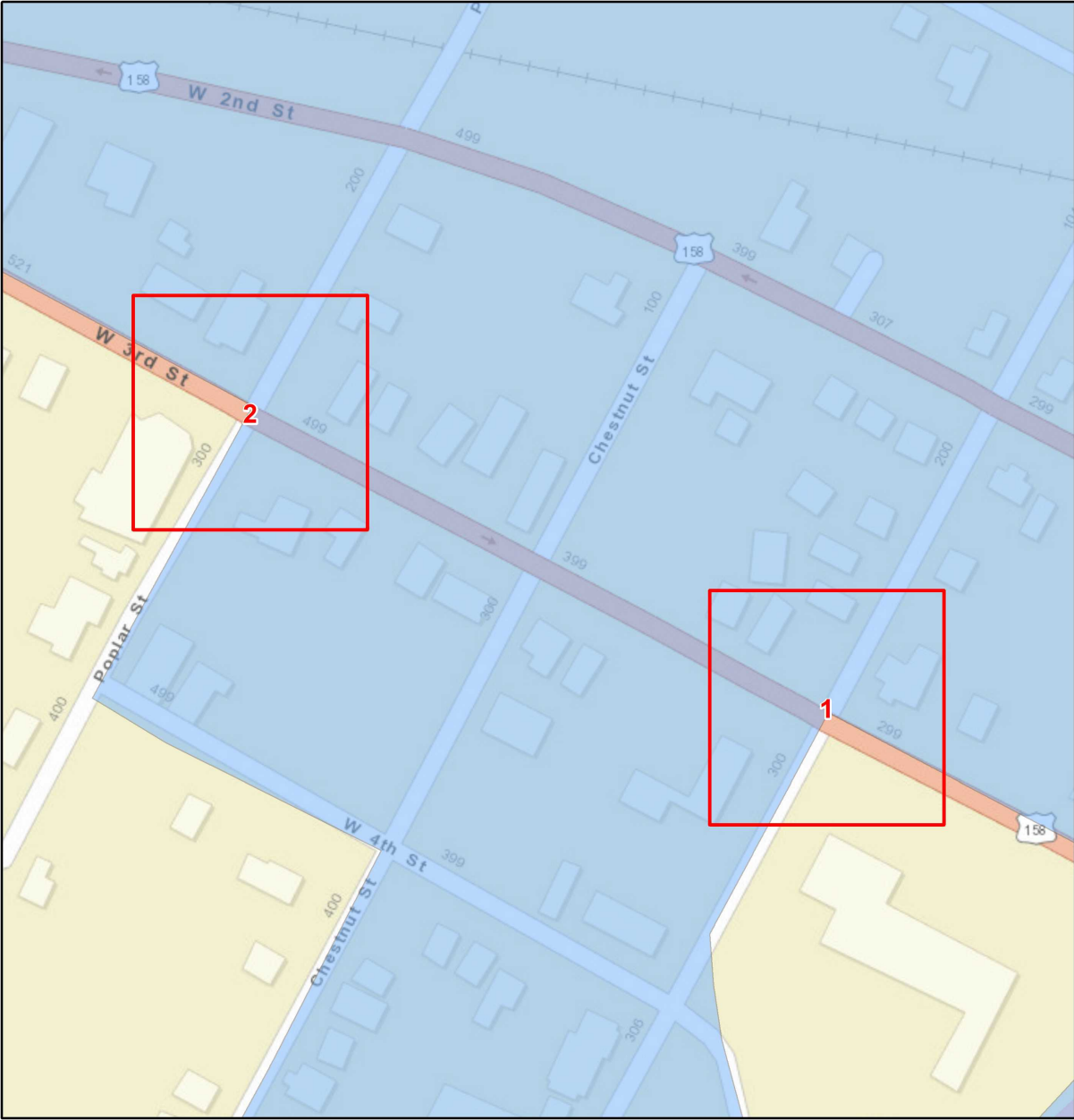
Sheet No.
39

Ramp ID	Inset Map Number	Route 1	Route 2	0156000000-E (SY) Removal of Existing Asphalt Pavement	1704000000-E (TON) Patching Existing Pavement	2549000000-E (LF) 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove And Replace 2'-6" Concrete Curb & Gutter	2752000000-E (LF) Remove 2'-6" Concrete Curb & Gutter	2591000000-E (SY) 4" Concrete Sidewalk	2738000000-E (SY) Remove And Replace 4" Concrete Sidewalk	2738000000-E (SY) Remove 4" Concrete Sidewalk	2845000000-N (EA) Adjustment of Meter Boxes or Valve Boxes	2612300000-N (EA) Retrofit Existing Concrete Curb Ramps	2612500000-N (EA) Remove and Replace Concrete Curb Ramps	2605000000-N (EA) Concrete Curb Ramps	2759000000-N (EA) Remove Concrete Curb Ramps	Improvement Type
828	1	US-158 (W 3rd St)	Mulberry St											1			Type 1 Modified - 848.06
829	1	US-158 (W 3rd St)	Mulberry St											1			Type 1 Modified - 848.06
824	2	US-158 (W 3rd St)	SR-1661 (Poplar St)											1			Type 1 Modified - 848.06
825	2	US-158 (W 3rd St)	SR-1661 (Poplar St)											1			Type 1 Modified - 848.06
827	2	US-158 (W 3rd St)	Poplar St											1			Type 1 Modified - 848.06
-	-	-	-	-	1.25*	-	20*	-	-	3*	-	-	-	-	-	-	
Sub-Total for Weldon				0	1.25	0	20	0	0	3	0	0	0	5	0	0	

*Contingency line item amount provided for additional adjustments outside of curb ramp pay limits, as needed.

**While ramp is compliant upon initial inspection, it is to be improved in order to create a more resilient curb ramp.

Notes: (1) ADA quantity totals are provided on the project 'ADA SUMMARY OF QUANTITIES - TOTALS' page. (2) Construct in accordance with Section 848. Detectable warnings shall be of one of the following materials: engineered plastics, rubber, or composite tile. Additionally, warnings shall be applied directly to the curb ramps by incorporating into the concrete of the curb ramps unless otherwise approved by the Engineer. Surface mounted rubber mats, brick, steel and stamped concrete pavers will not be accepted. (3) In accordance with PROWAG Sections R304.2.1 and R304.3.1, curb ramp running slope is to be constructed to a maximum of 8.33%. Where the curb ramp length must exceed 15 feet to achieve an 8.33% running slope, the curb ramp length shall extend at least 15 feet and may have a running slope greater than 8.33%.



Curb Ramps To Be Repaired

Retrofit

Remove and Replace

New Curb Ramp

Remove Ramp

Other

Municipal Boundary

Census Urban Areas (>5,000 Pop)

NCHPO Historic Boundary (NR and LHD)

N

Curb Ramps in Areas 5,000-50,000 Population

Municipality: Weldon

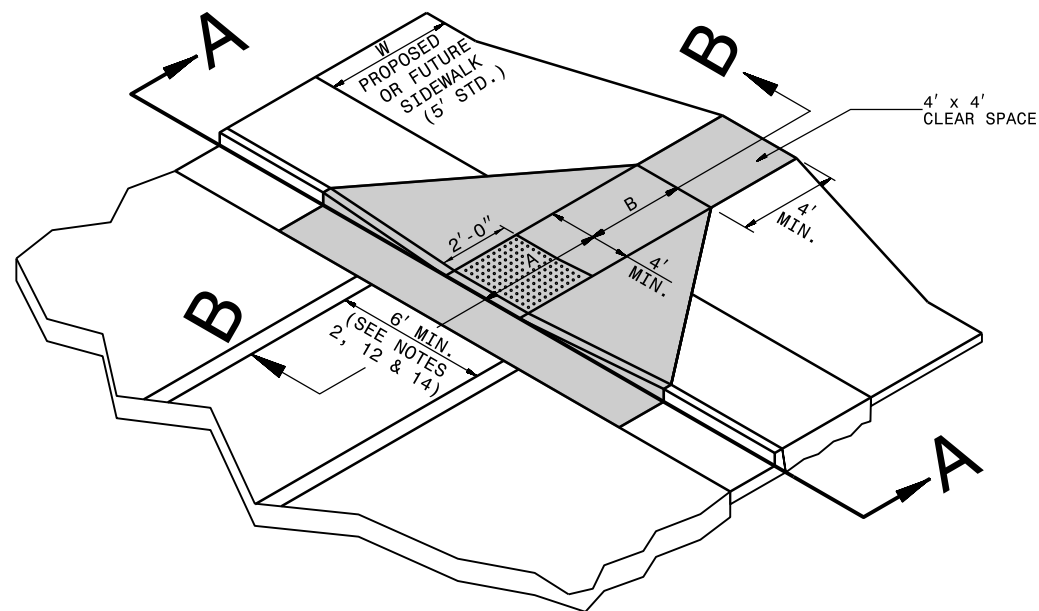
TIP Number: BO-2404E

WBS Number: 50933.3.9

County: Halifax

NORTH CAROLINA DEPARTMENT
OF TRANSPORTATION
DIVISION 4

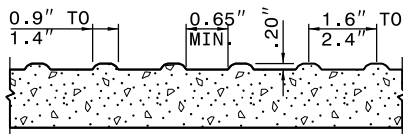
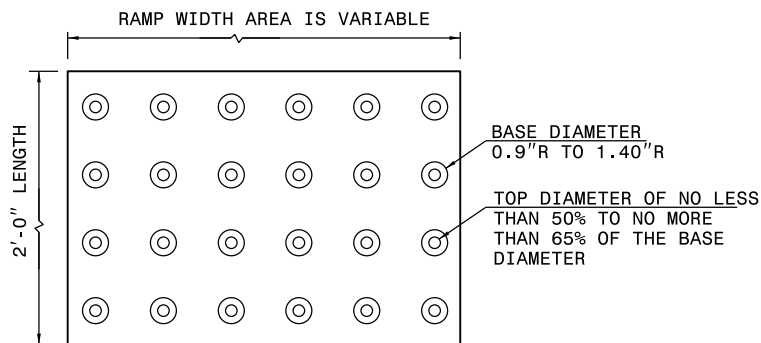
Source: NV5 Engineers and Consultants Inc., ESRI, NC OneMap, NCDOT, NCHPO



ISOMETRIC VIEW

PAY LIMITS FOR CURB RAMP

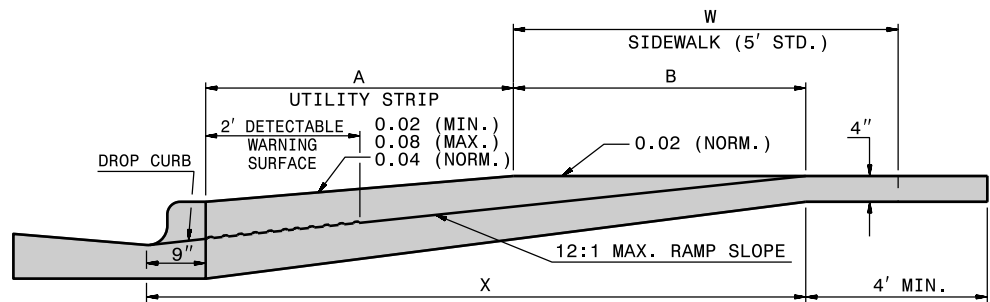
NOTES:
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



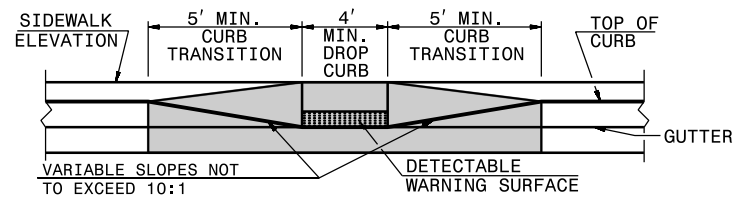
DETECTABLE WARNING SURFACE

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'

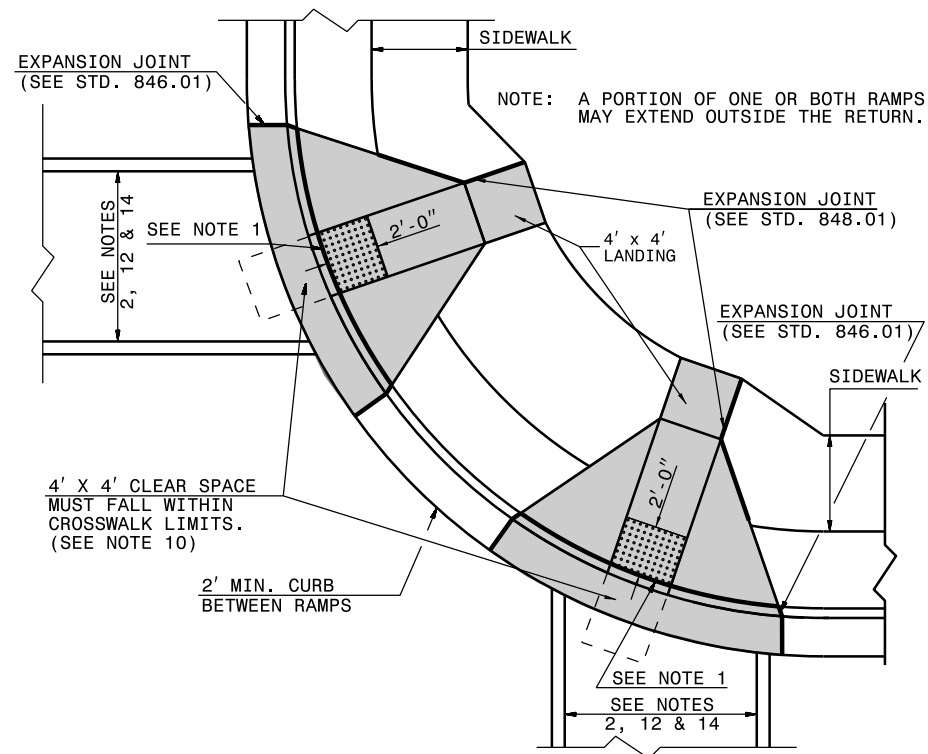
$B = X - (A + 9")$
B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.
* BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.



SECTION B-B



SECTION A-A



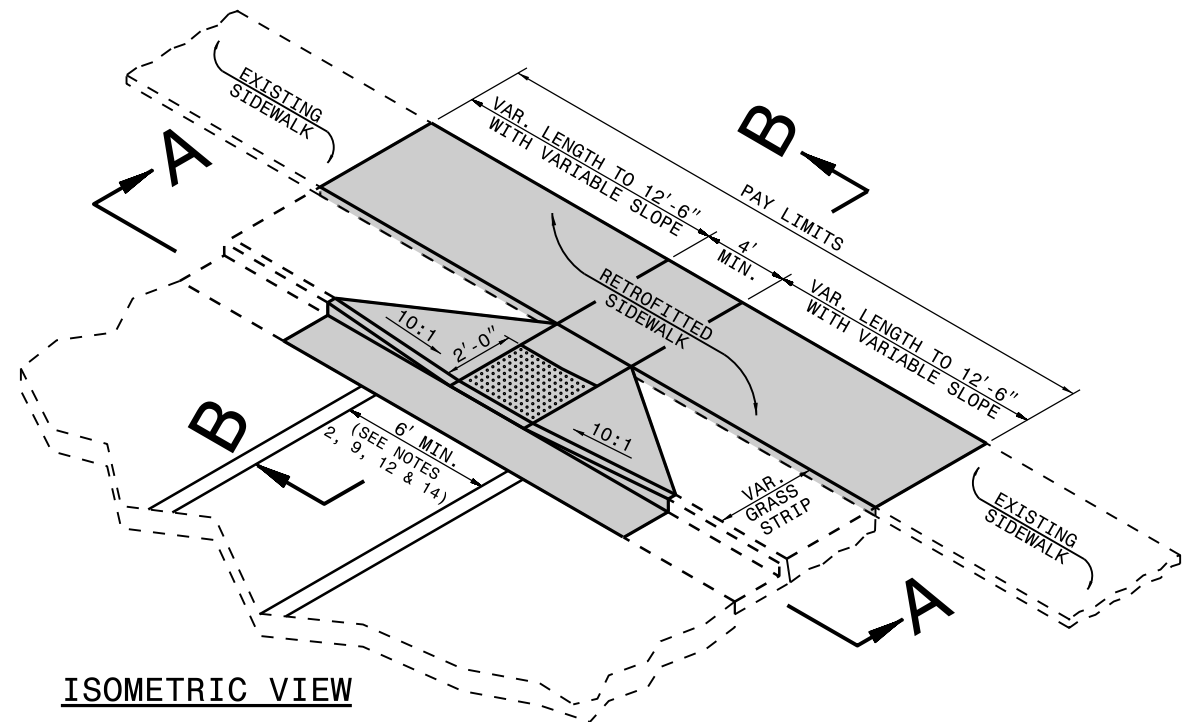
PLAN VIEW

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

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

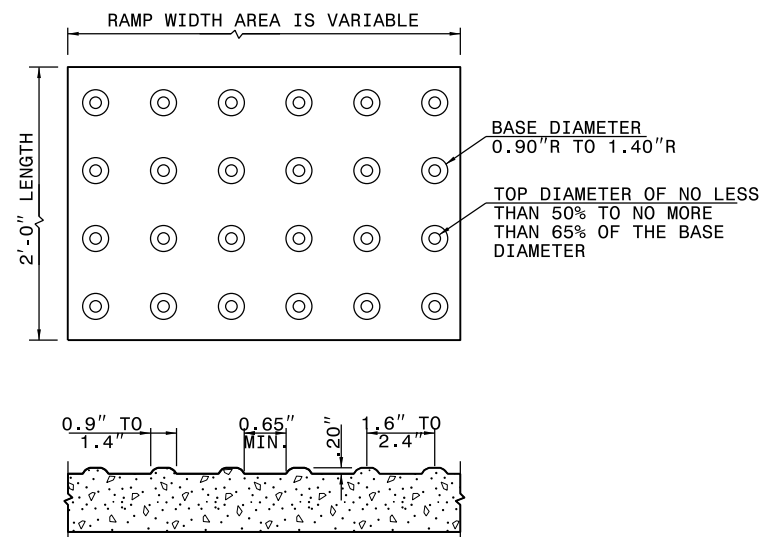
ROADWAY STANDARD DRAWING FOR
CURB RAMP
PROPOSED CURB AND GUTTER

SHEET 1 OF 13
848.06



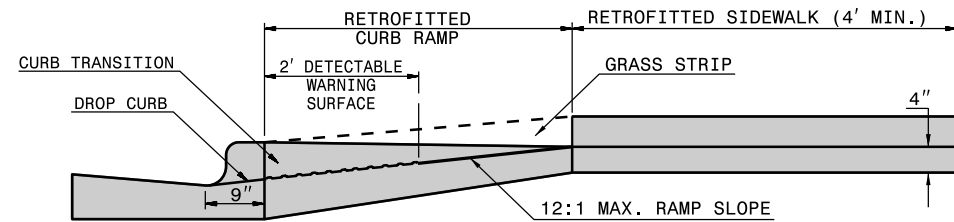
ISOMETRIC VIEW

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.

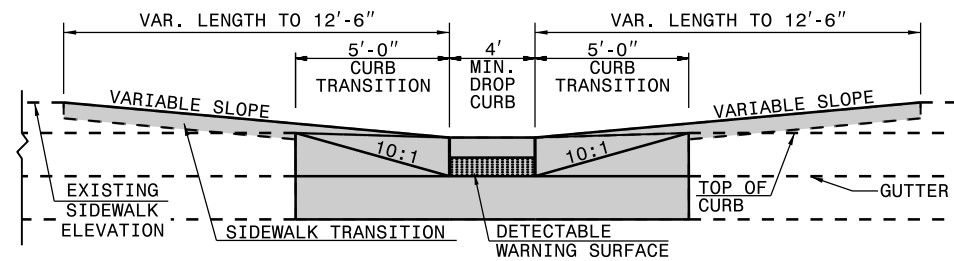


DETECTABLE WARNING SURFACE

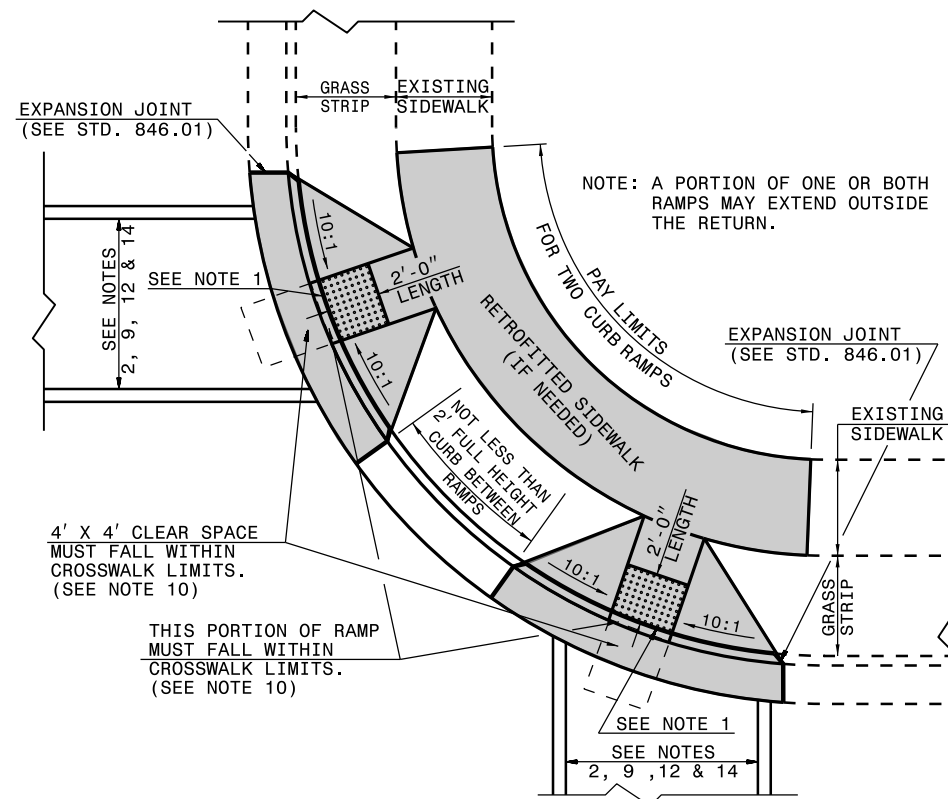
 PAY LIMITS OF CURB RAMP



SECTION B-B



SECTION A-A

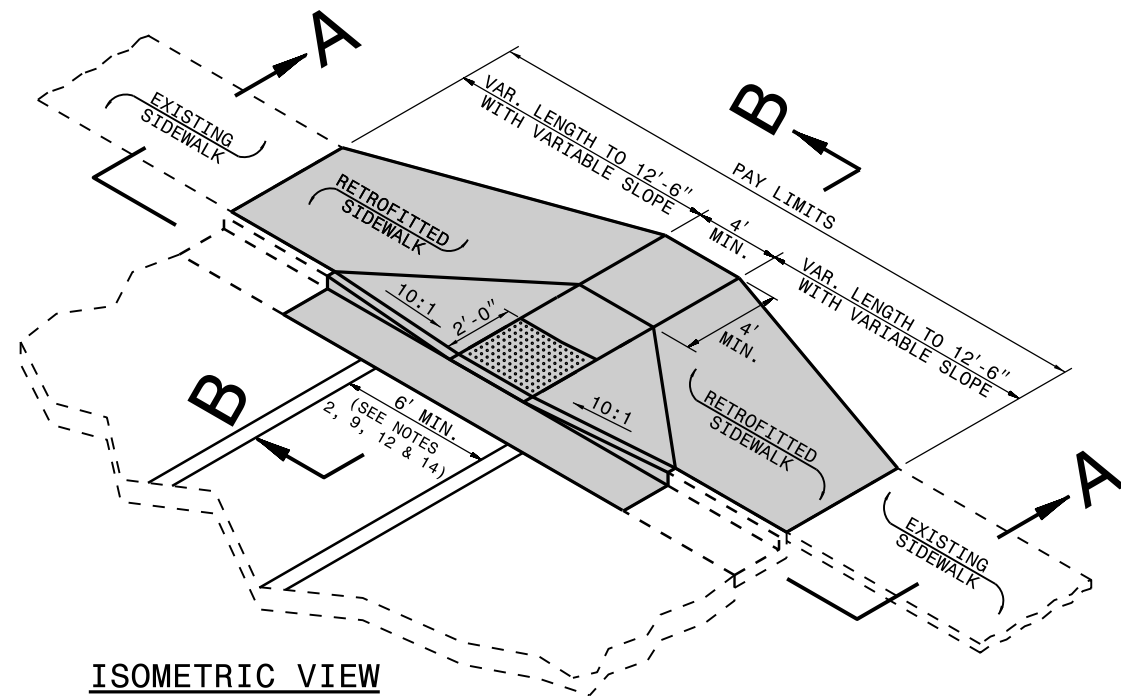


PLAN VIEW

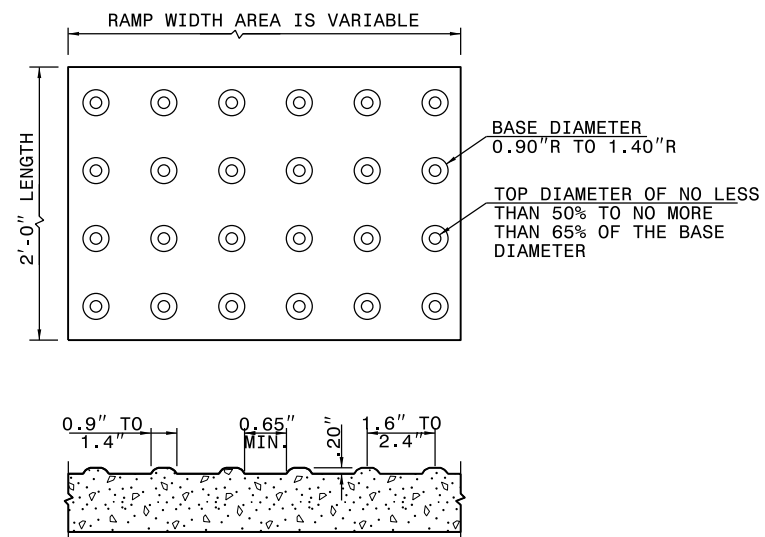
DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

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

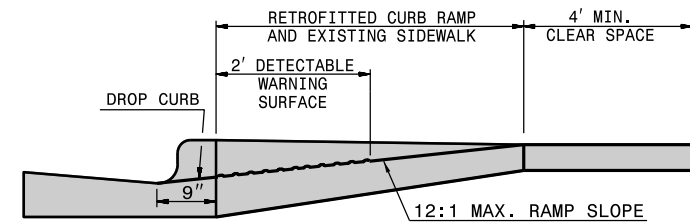
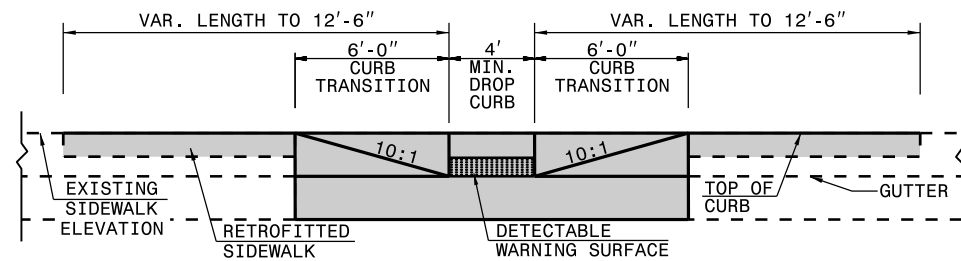
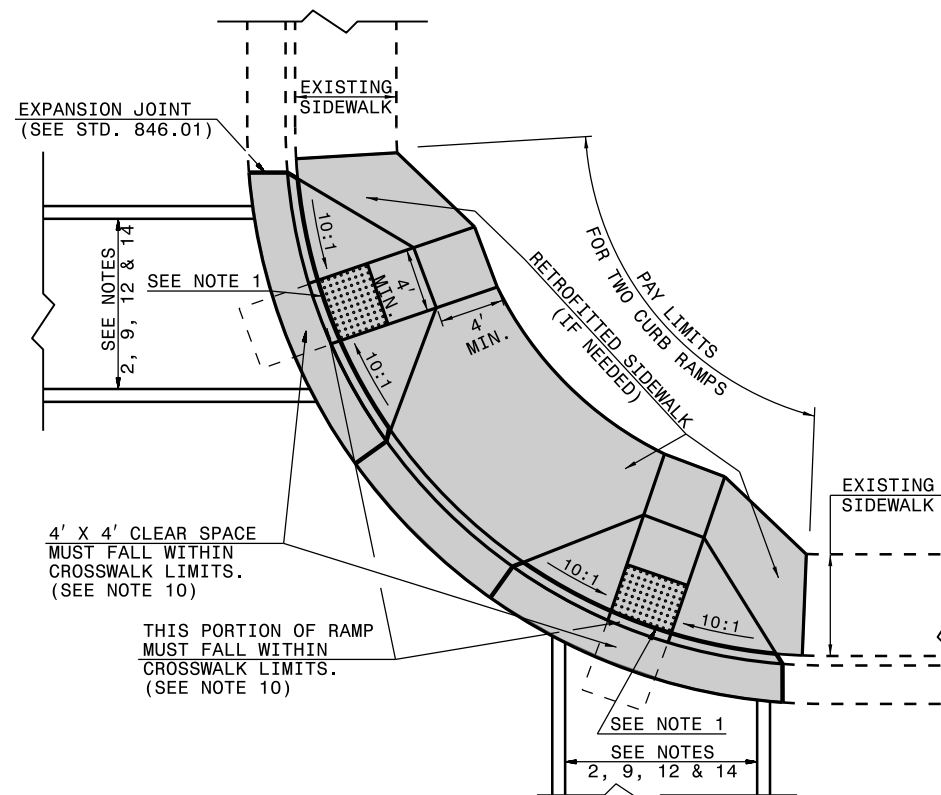
ROADWAY STANDARD DRAWING FOR
CURB RAMP
CURB RAMP AND EXISTING SIDEWALK
WITH GRASS STRIP

**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**

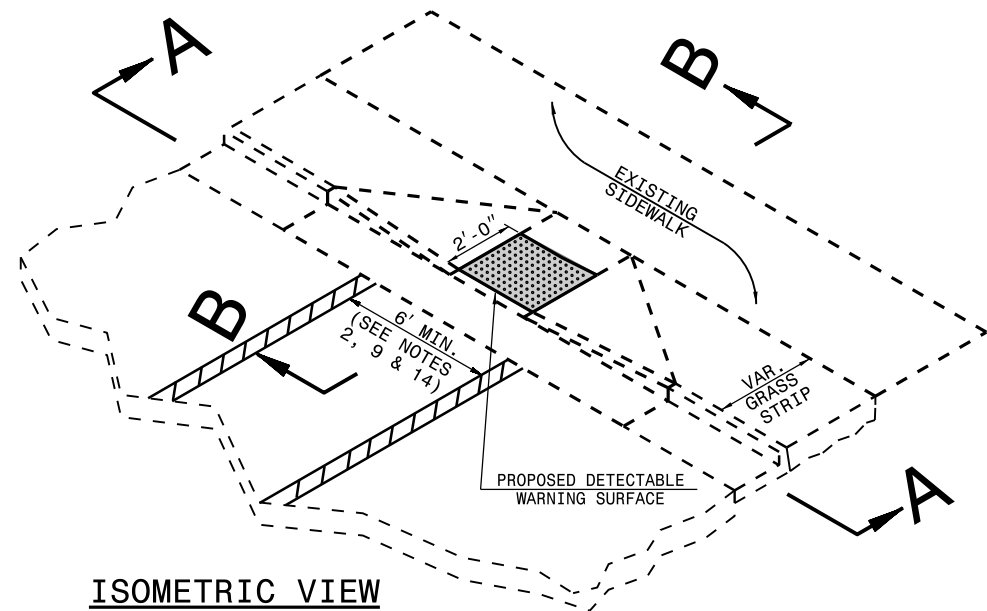
DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

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

ROADWAY STANDARD DRAWING FOR
CURB RAMP
CURB RAMP AND EXISTING SIDEWALK
ADJACENT TO CURB

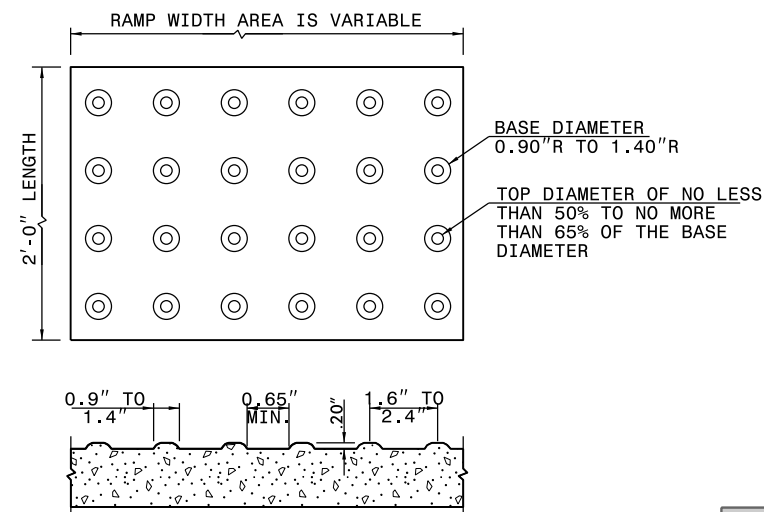
SHEET 3 OF 13

848.06

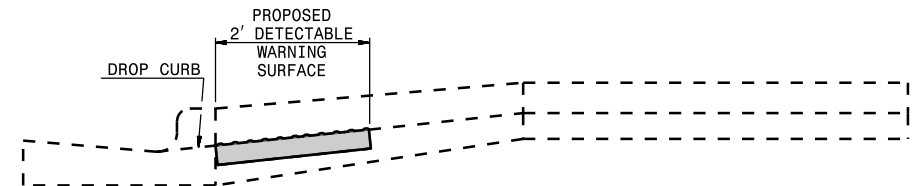
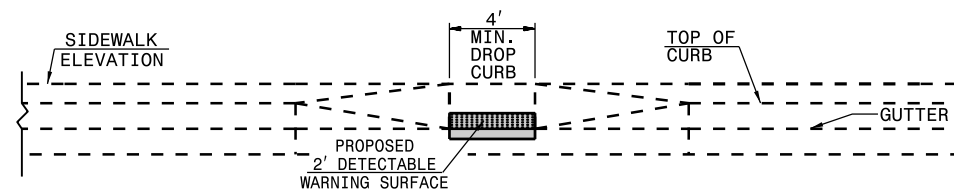
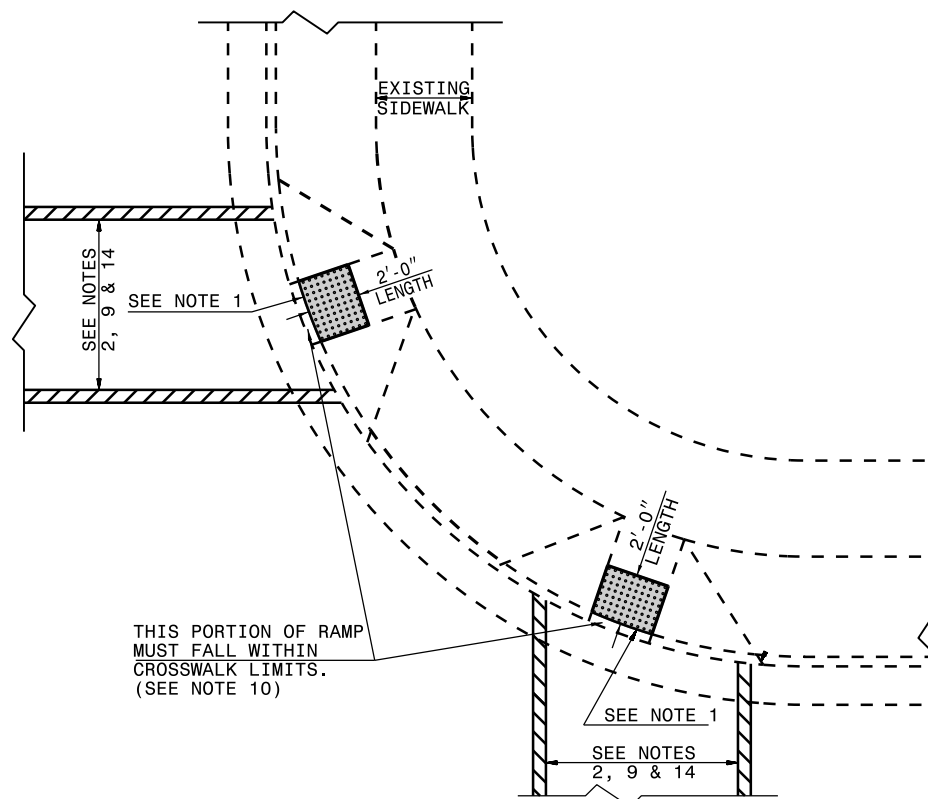
**ISOMETRIC VIEW****NOTES:**

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 RETROFIT CURB RAMP

**SECTION B-B****SECTION A-A****PLAN VIEW**

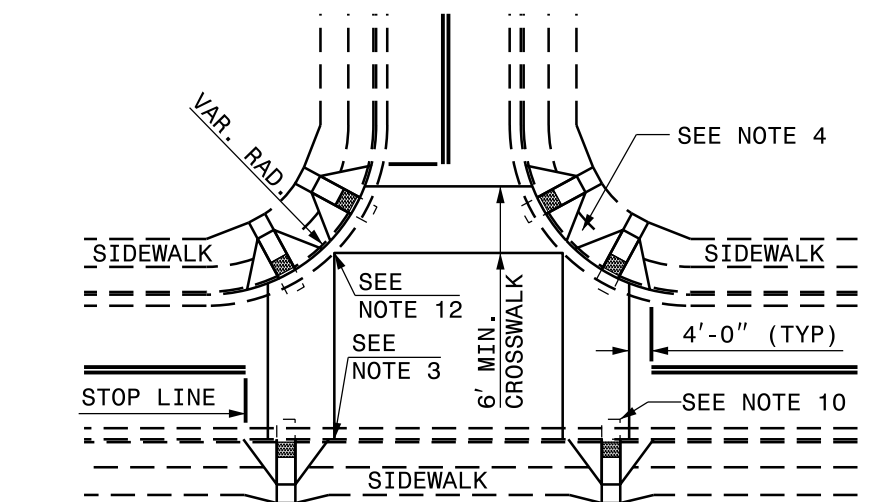
DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

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

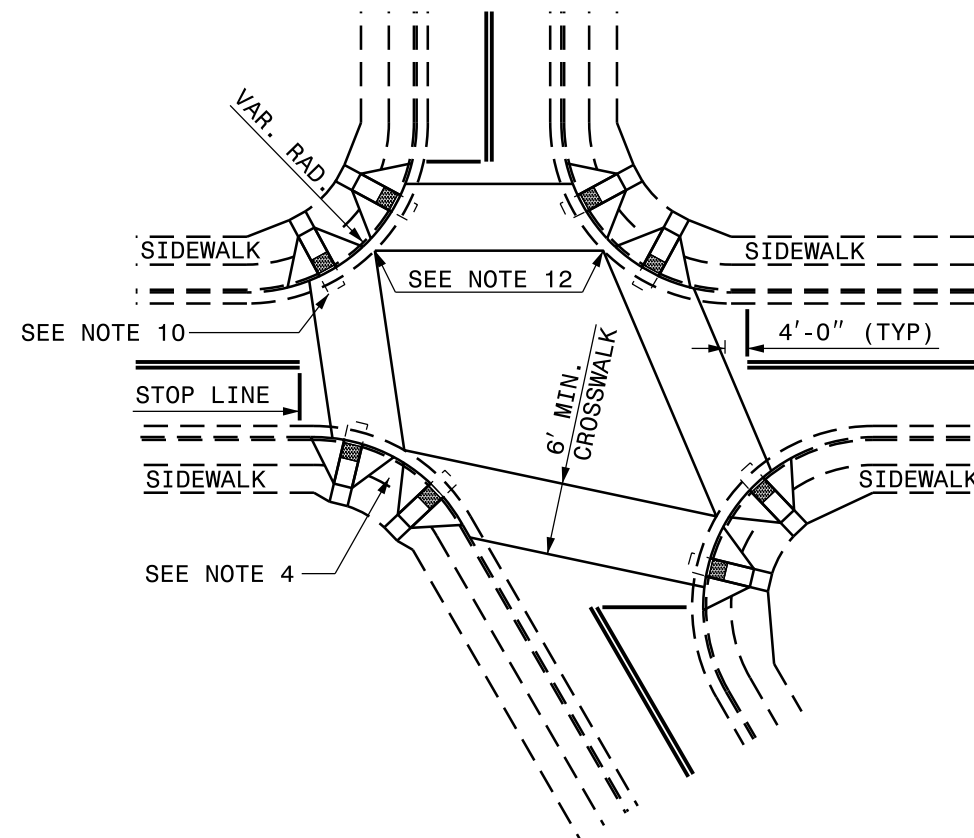
ROADWAY STANDARD DRAWING FOR
CURB RAMP
RETROFITTING DETECTABLE WARNING SURFACE
ONTO EXISTING CURB RAMP

SHEET 4 OF 13

848.06



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



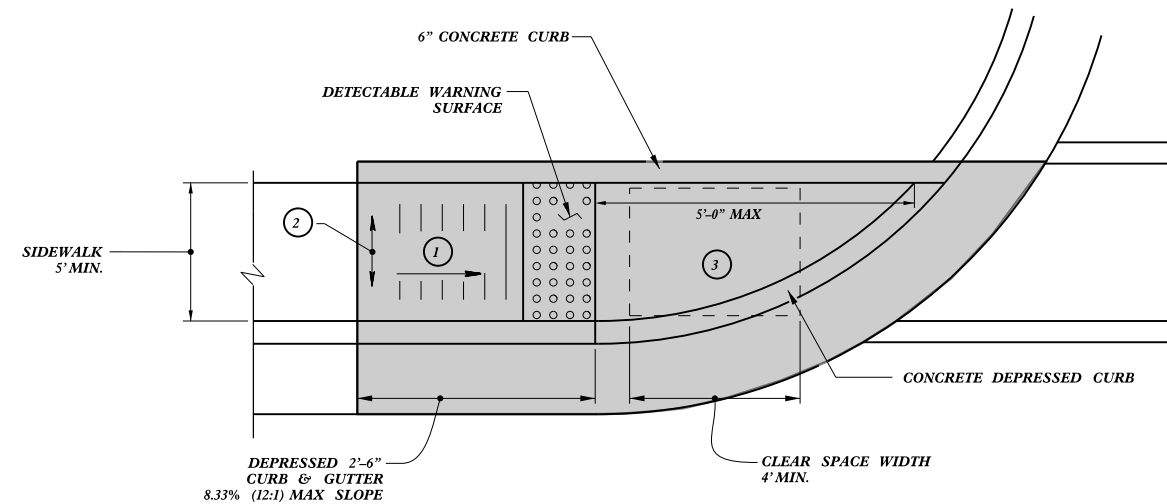
DETAIL SHOWING TYPICAL LOCATION OF CURB
RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES

ROADWAY
PLAN SYMBOL
CR
FOR PROPOSED
CURB RAMP

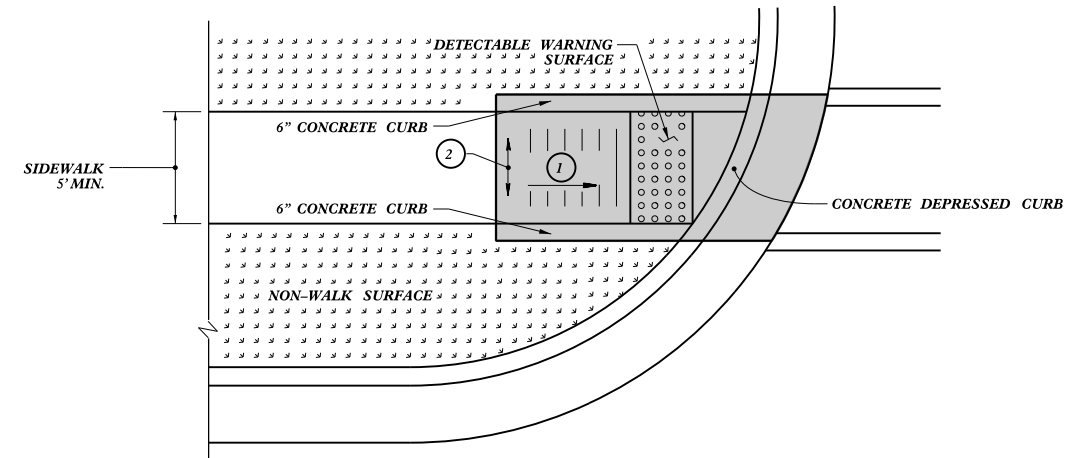
 PROPOSED CURB RAMP W/ CLEAR SPACE
 PROPOSED OR FUTURE SIDEWALK

ALLOWABLE LOCATIONS
DUAL RAMP RADII.....ANY

1-24	STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.
	ROADWAY STANDARD DRAWING FOR CURB RAMP CURB RAMP LOCATION
SHEET 5 OF 13	
848.06	



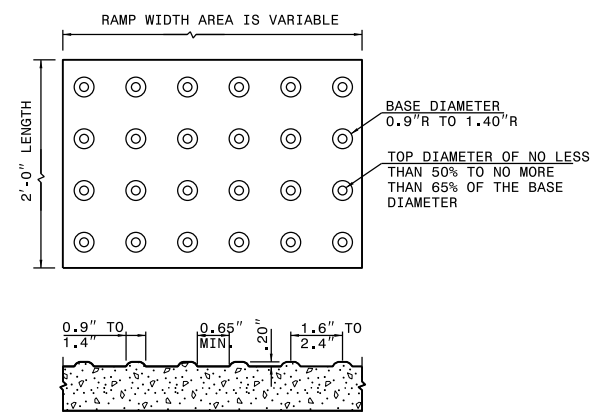
TYPE 1



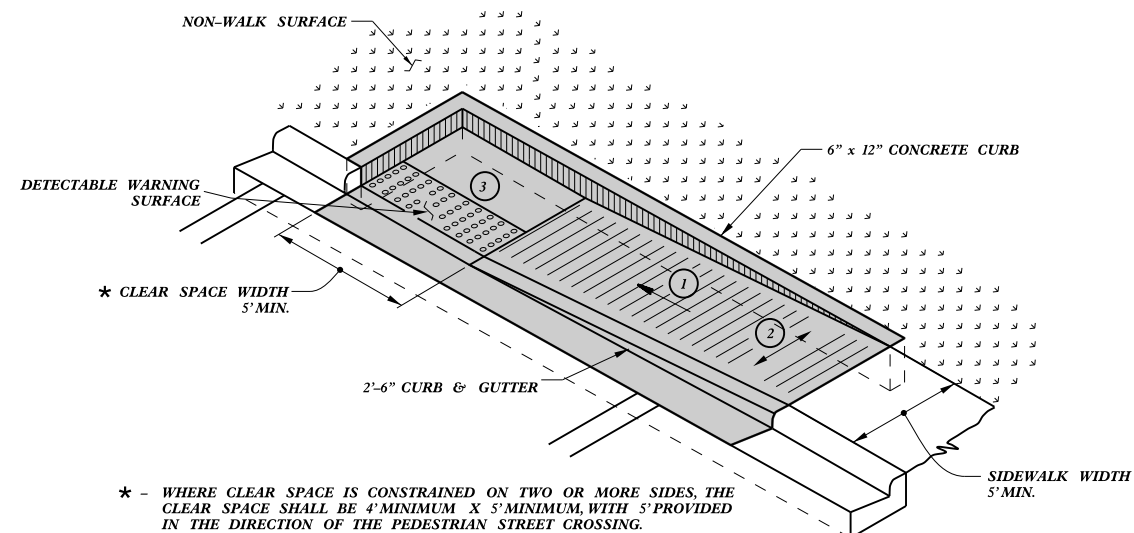
TYPE 1 MODIFIED

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

NOTES:
 1. DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
 2. 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 1A

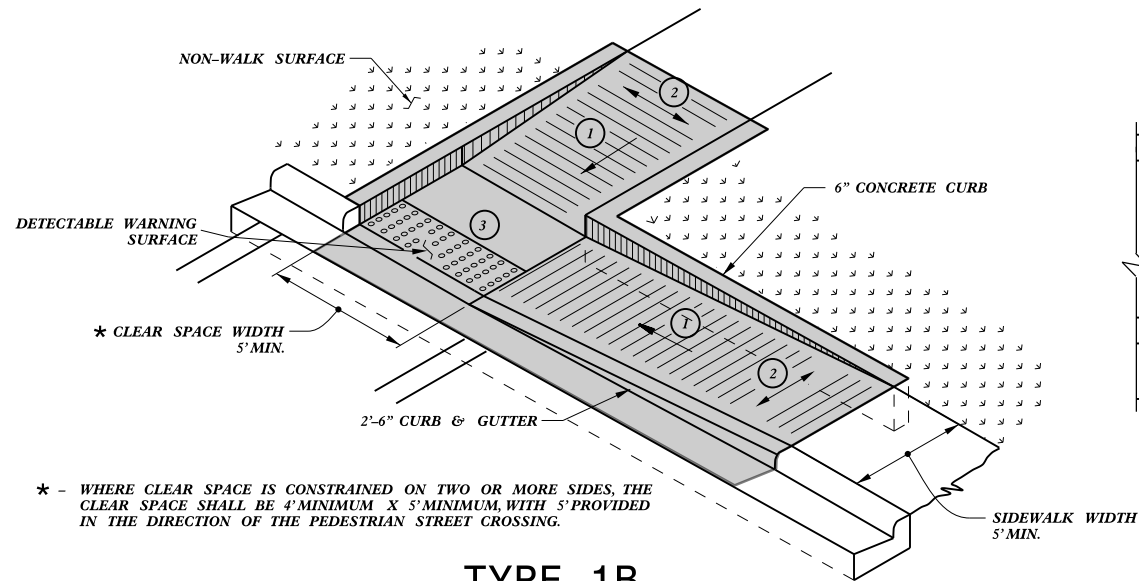
PAY LIMITS FOR 1 CURB RAMP

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

ROADWAY STANDARD DRAWING FOR **CURB RAMP** DIRECTIONAL RAMP

SHEET 6 OF 13

848.06



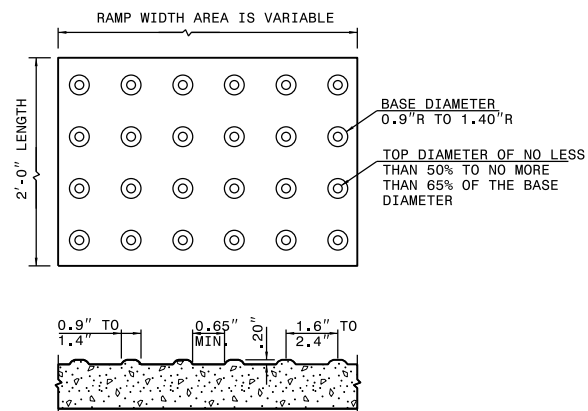
* - WHERE CLEAR SPACE IS CONSTRAINED ON TWO OR MORE SIDES, THE CLEAR SPACE SHALL BE 4' MINIMUM X 5' MINIMUM, WITH 5' PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.

TYPE 1B

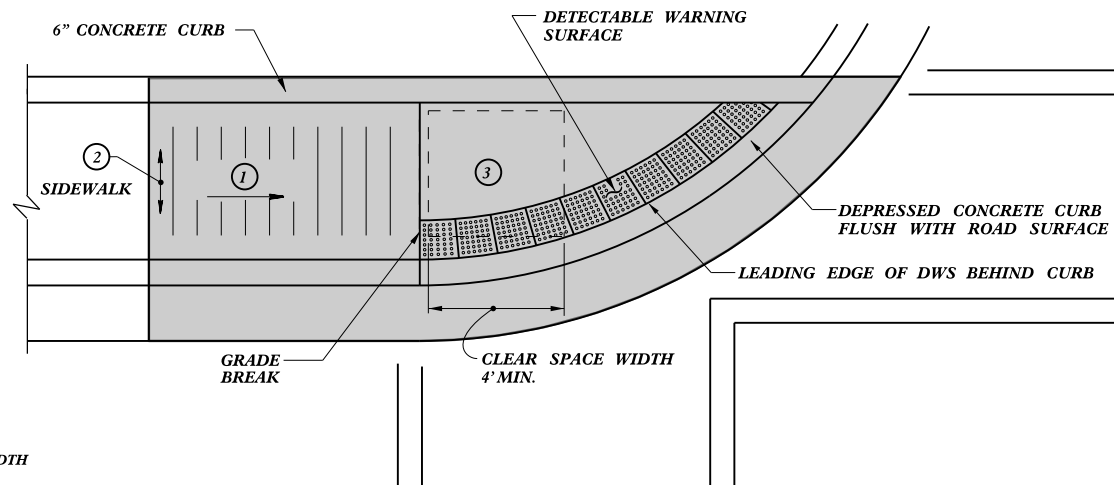
- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00%.

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

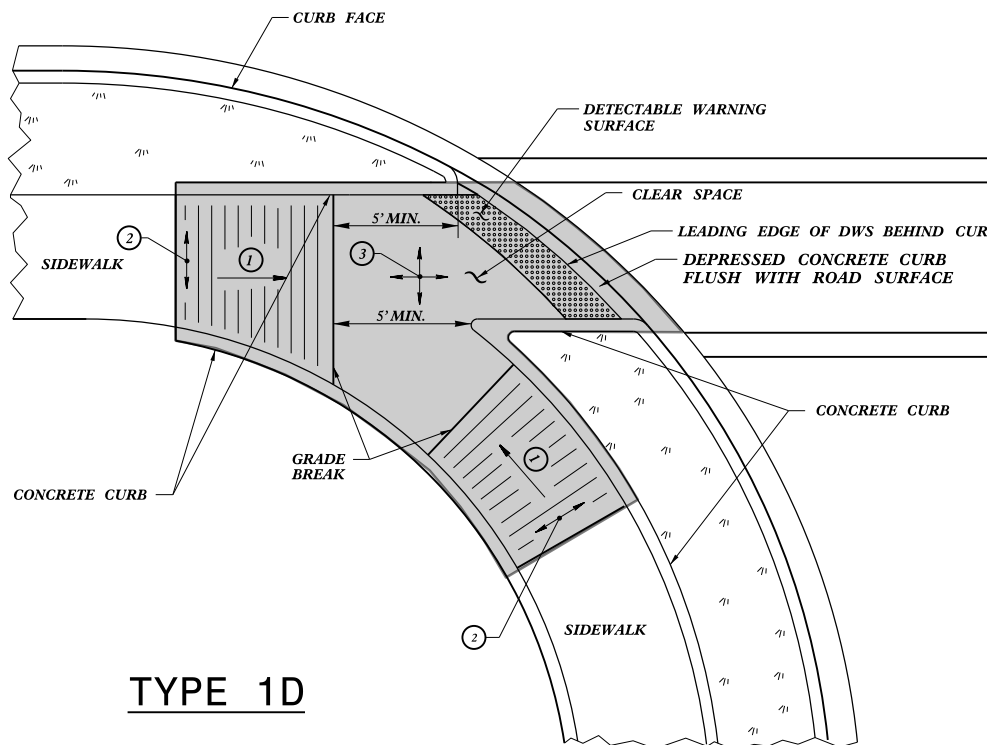
DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



DETECTABLE WARNING SURFACE



TYPE 1C



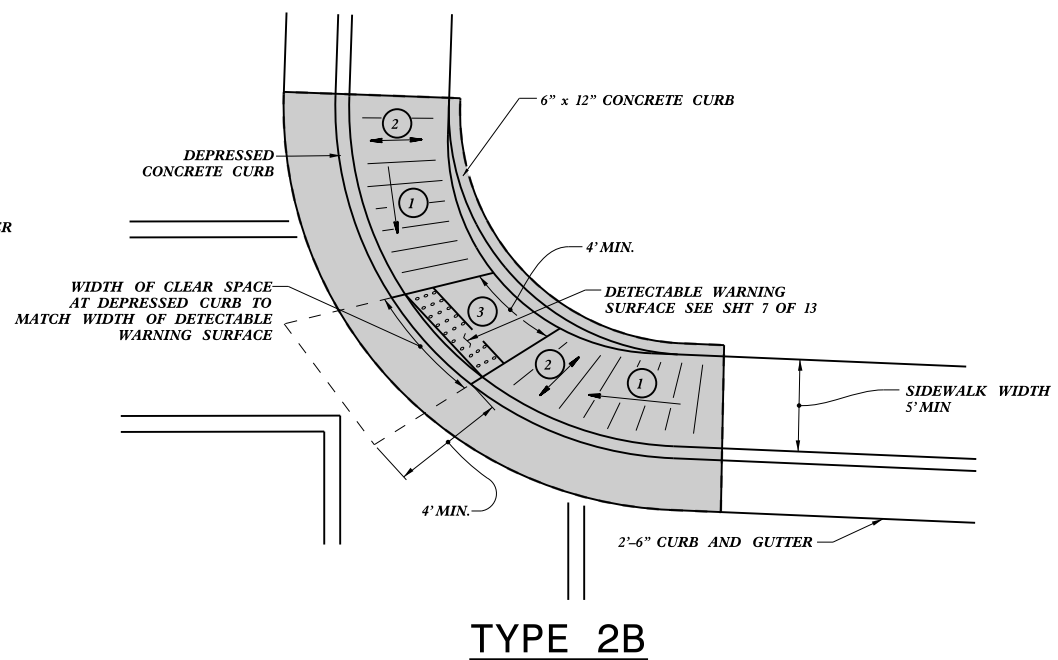
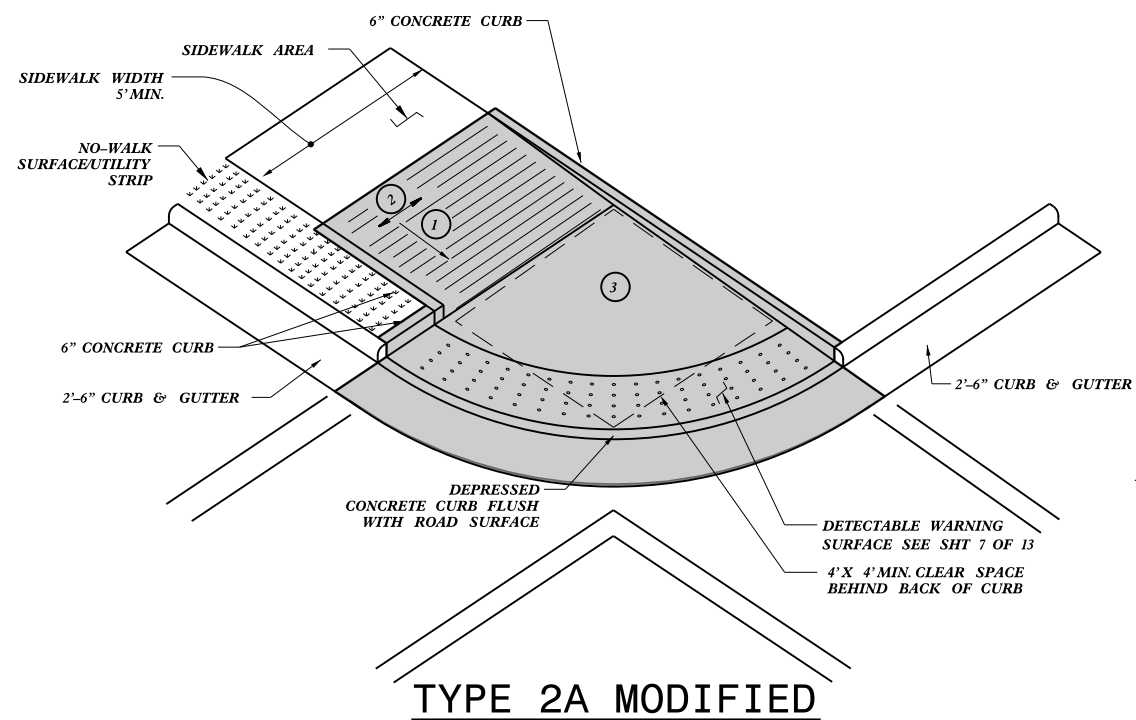
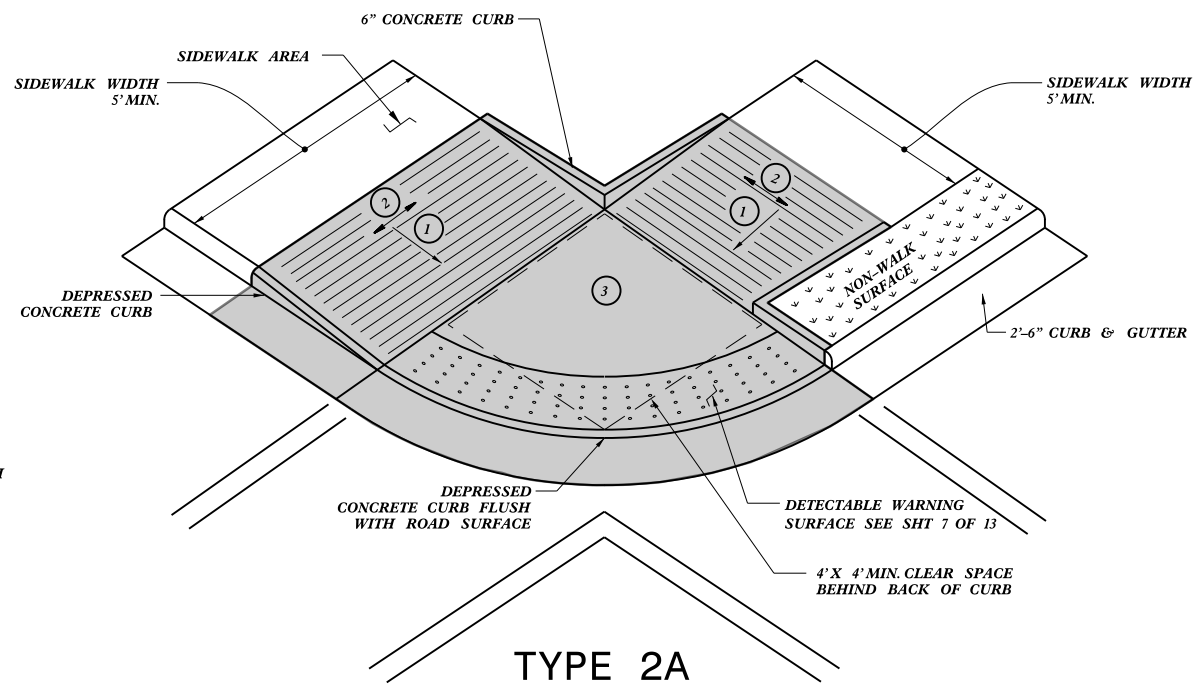
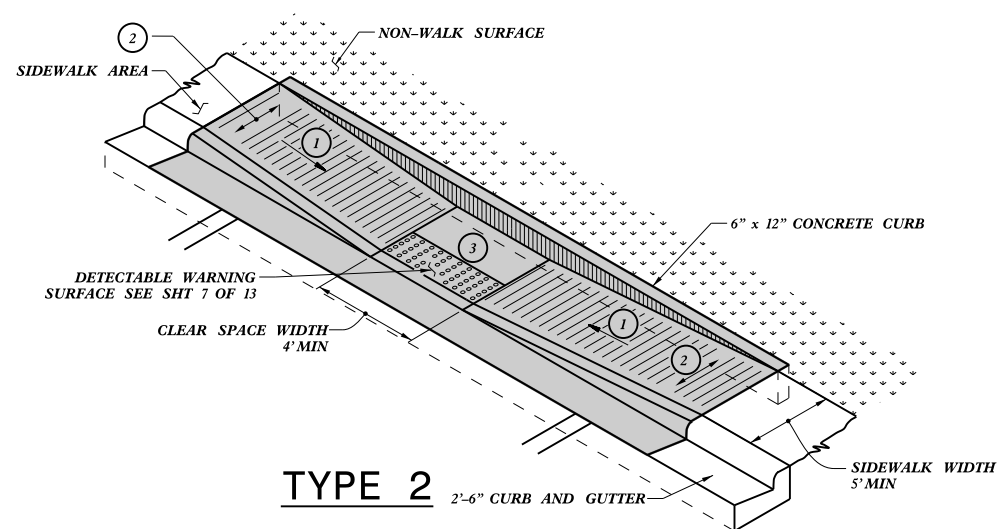
TYPE 1D

PAY LIMITS FOR 1 CURB RAMP

1-24
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP
DIRECTIONAL RAMP

SHEET 7 OF 13
848.06



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

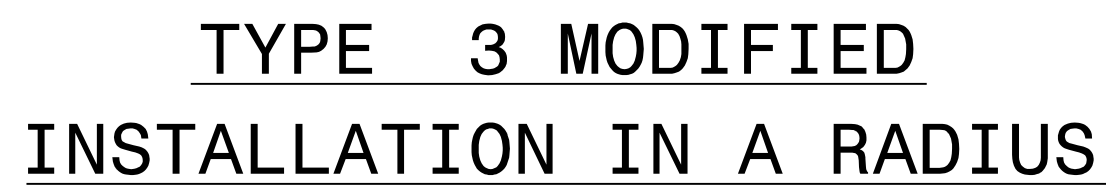
PAY LIMITS FOR 1 CURB RAMP

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

ROADWAY STANDARD DRAWING FOR
CURB RAMP
PARALLEL RAMP



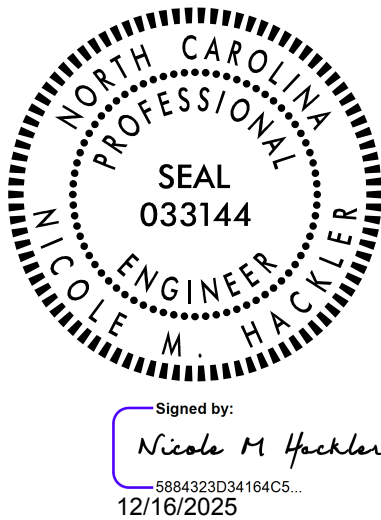
DETECTABLE WARNING SURFACE



- PAY LIMITS FOR 1 CURB RAMP

ROADWAY STANDARD DRAWING FOR
CURB RAMP
PARALLEL RAMP

SHEET 9 OF 13
848D06



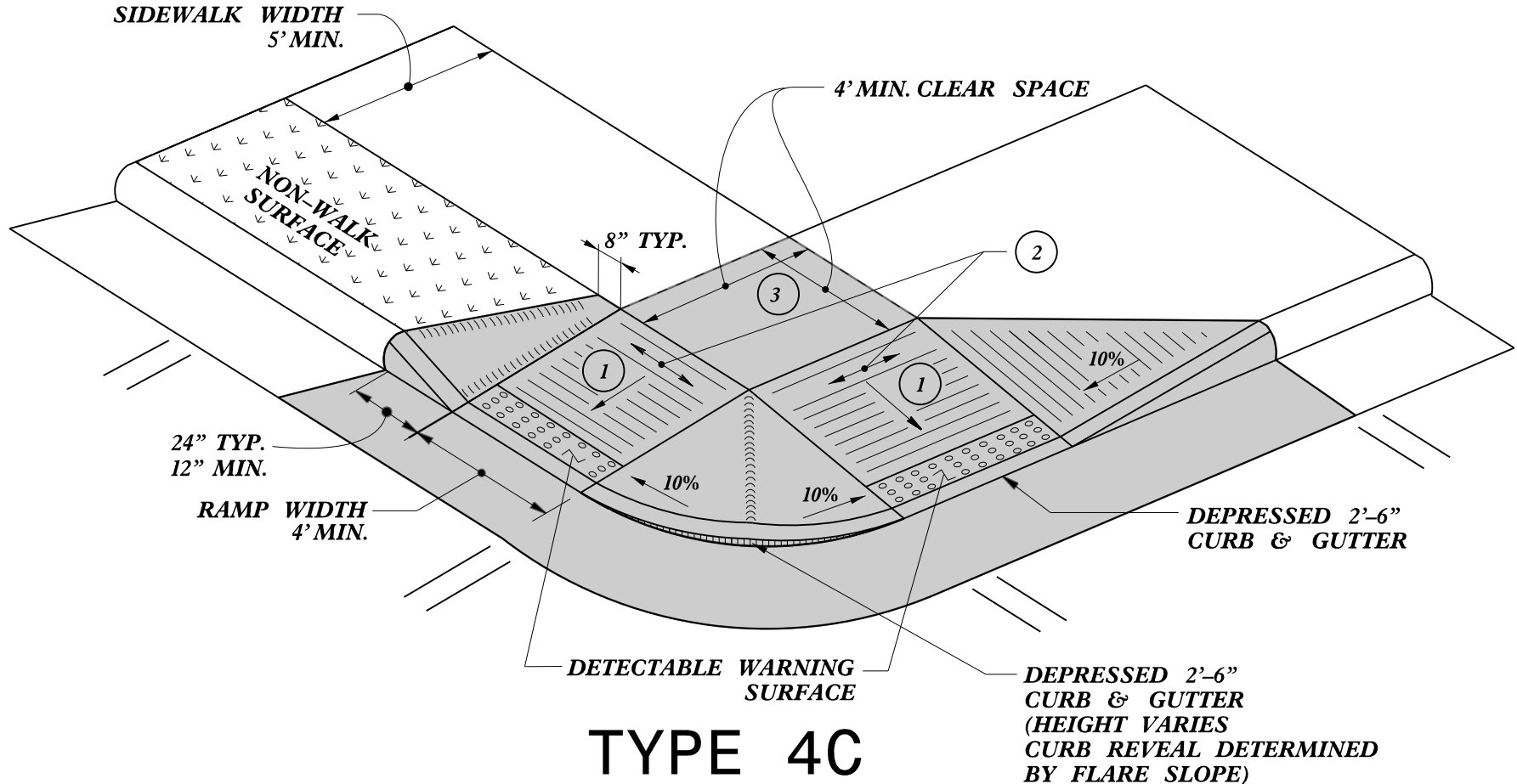
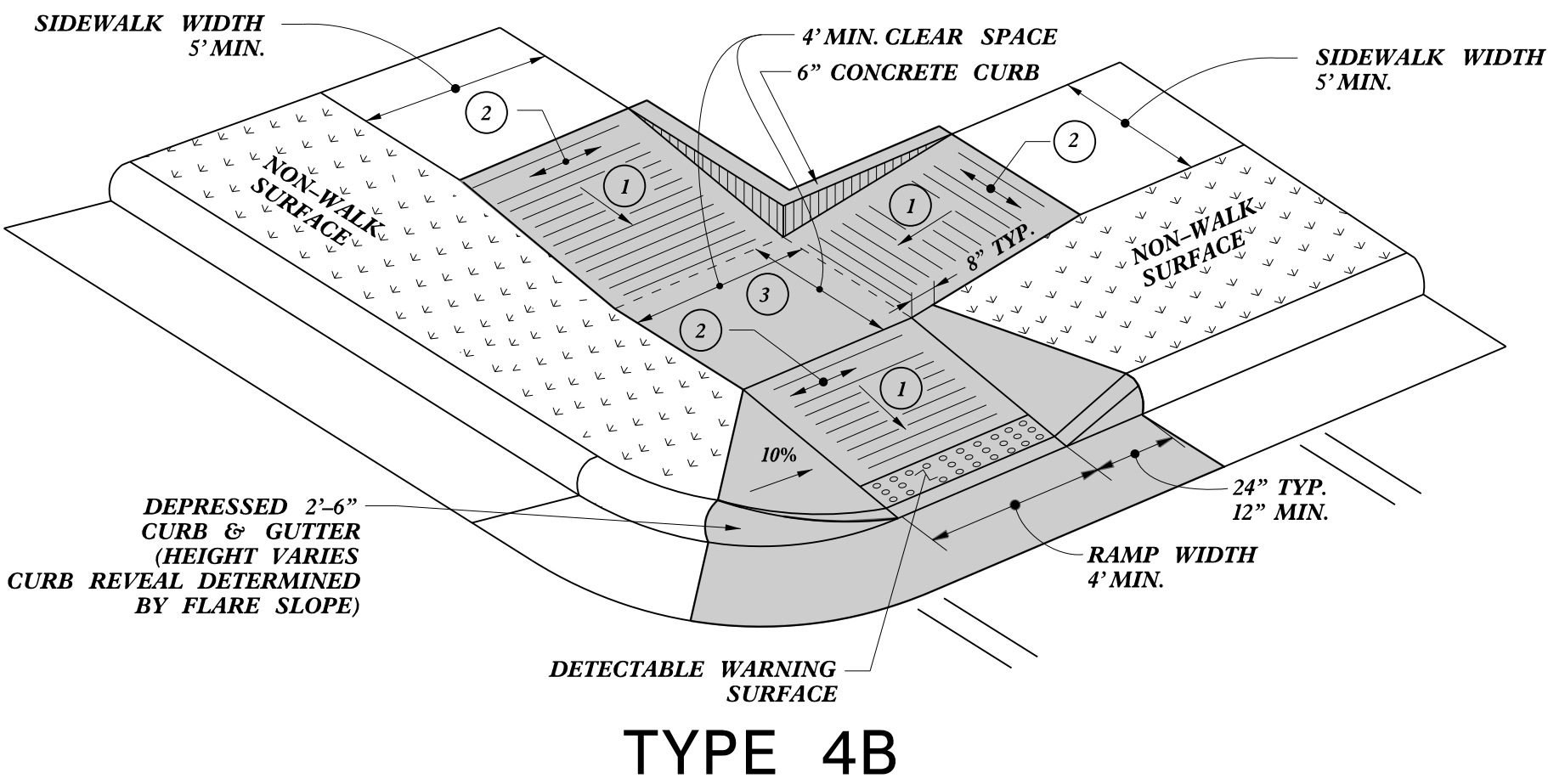
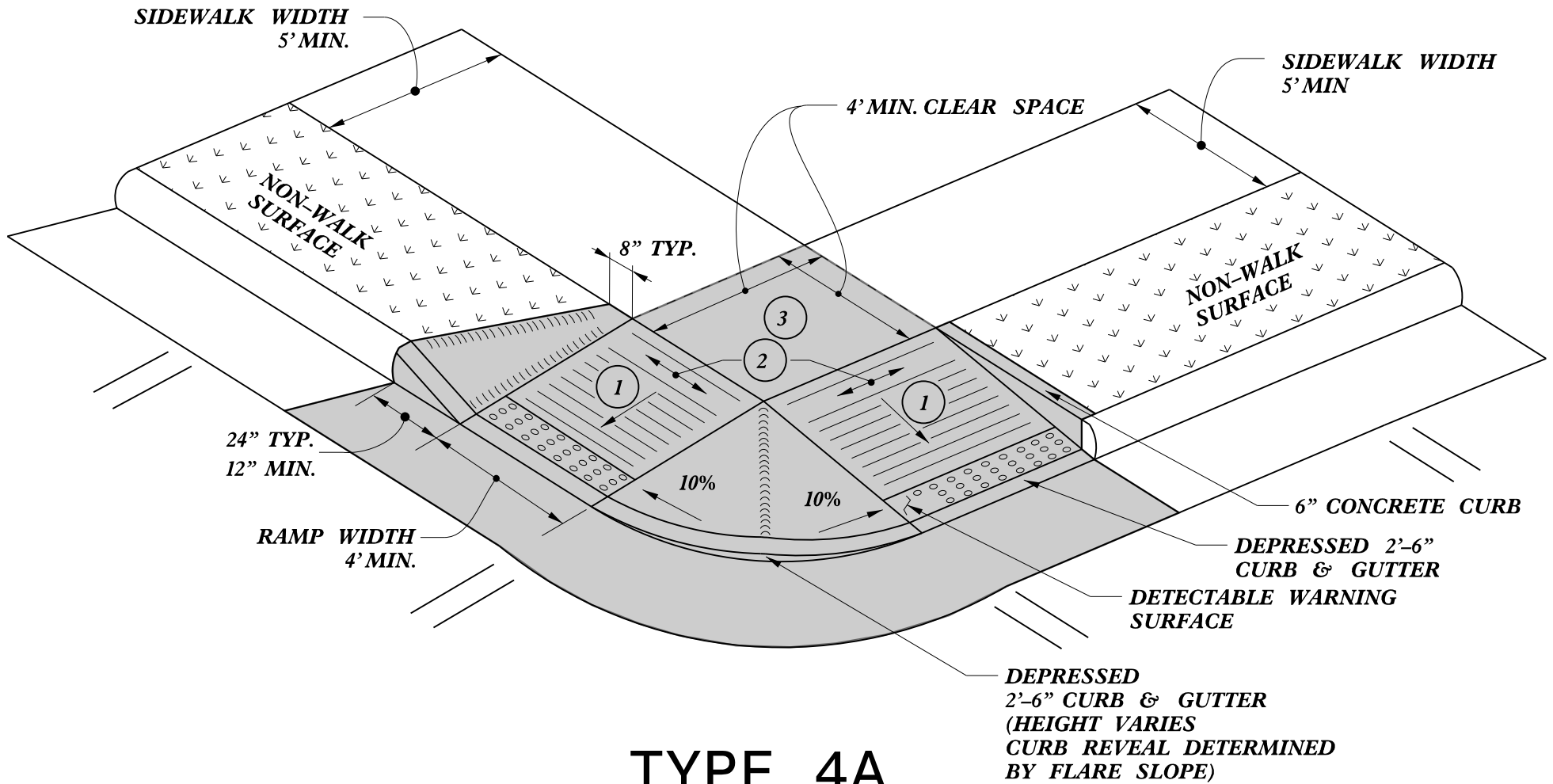
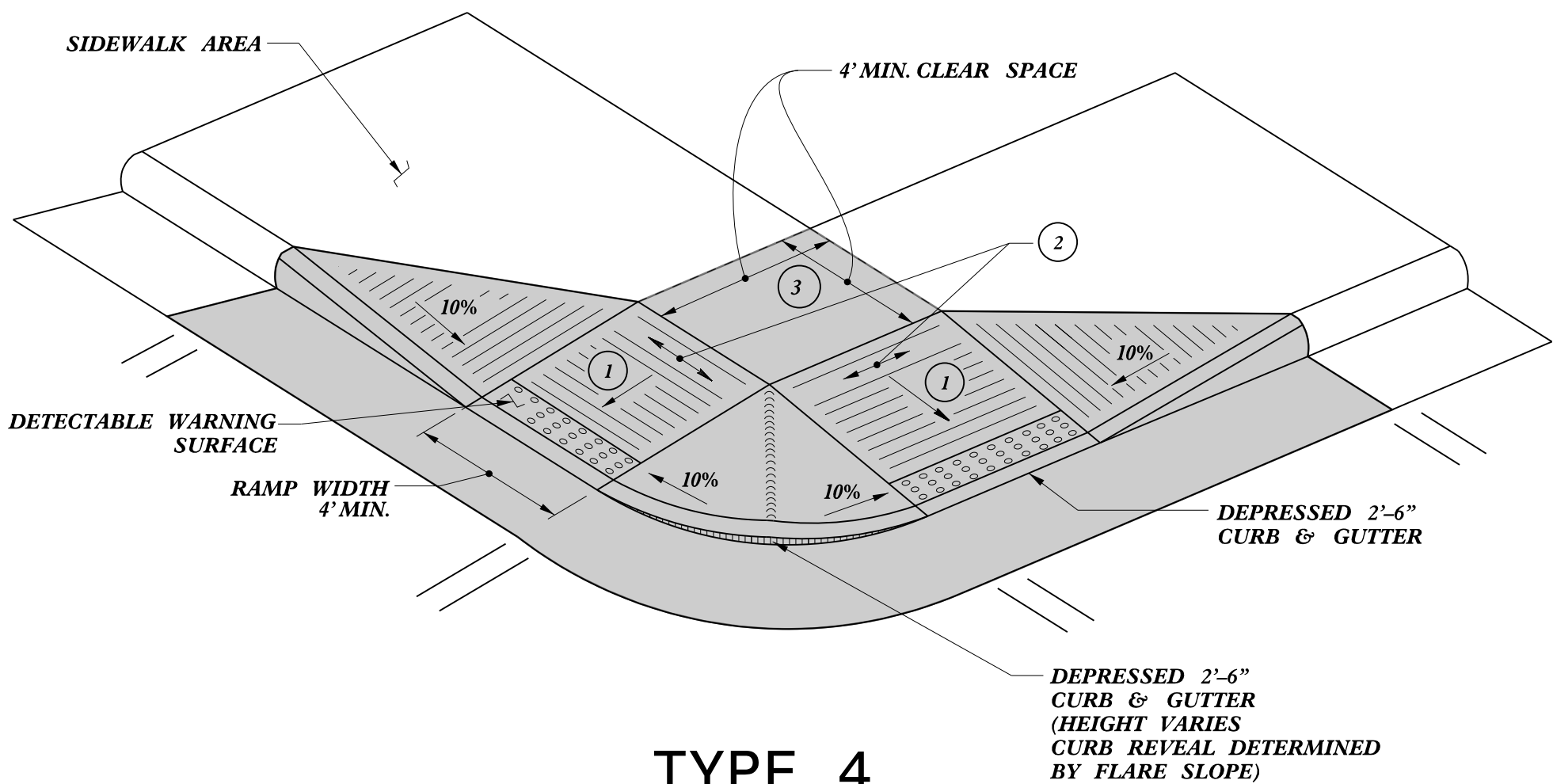
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UNLESS ALL SIGNATURES COMPLETED**

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**
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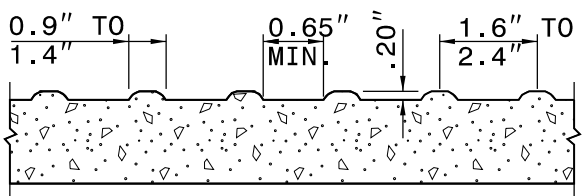
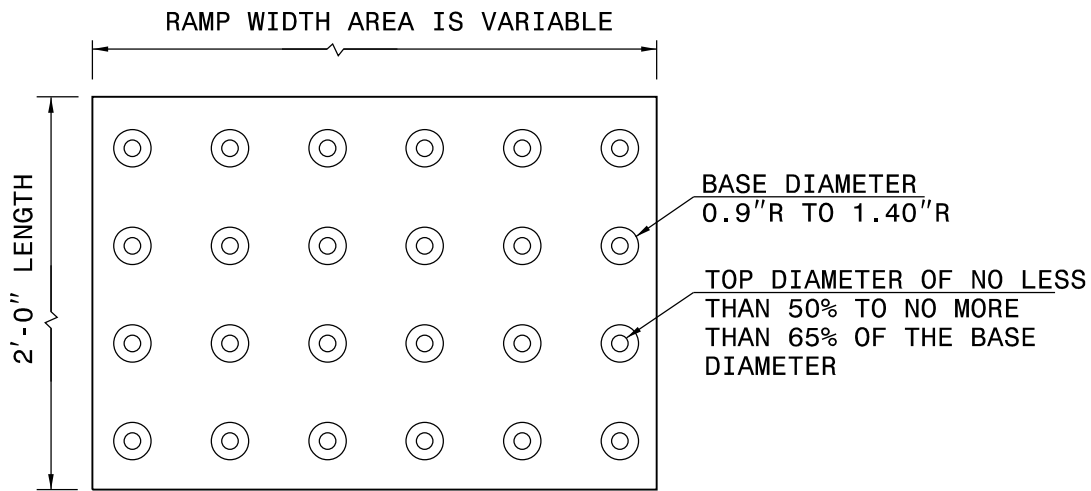
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MODIFIED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
FILE SPEC.: special_details\nmhackler\0609.dgn	

PROJECT REFERENCE NO.	SHEET NO.
BO-2404D & BO-2404E	50

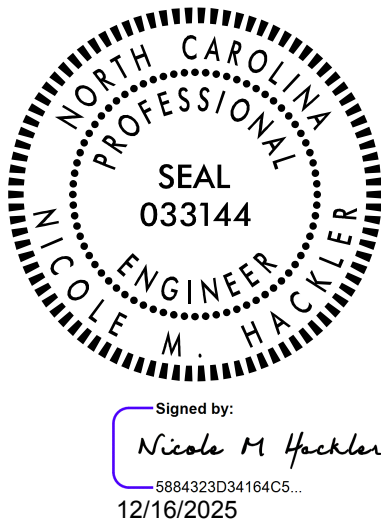


NOTES:
DETECTABLE WARNING SURFACE SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
DETECTABLE WARNING SURFACE SHALL CONTRAST VISIBLY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.



- 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)



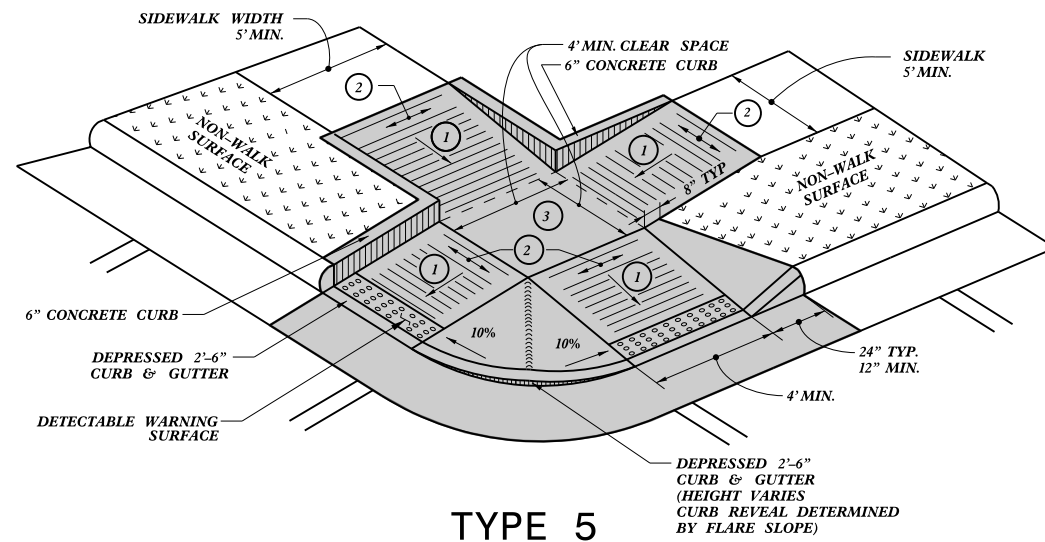
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP
SHARED LANDING

SHEET 10 OF 13
848D06

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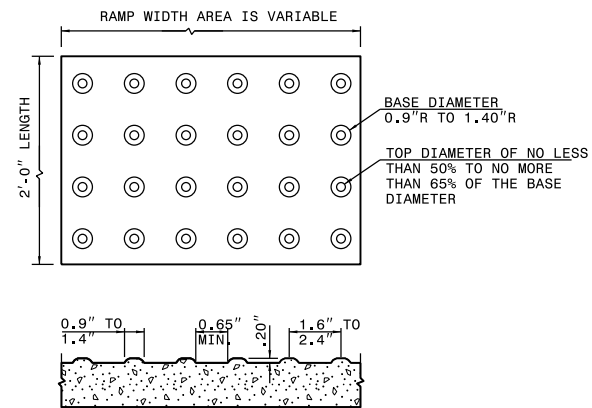
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CHECKED BY:	DATE:
FILE SPEC.: special_details\nmhackler\848D0610.dgn	



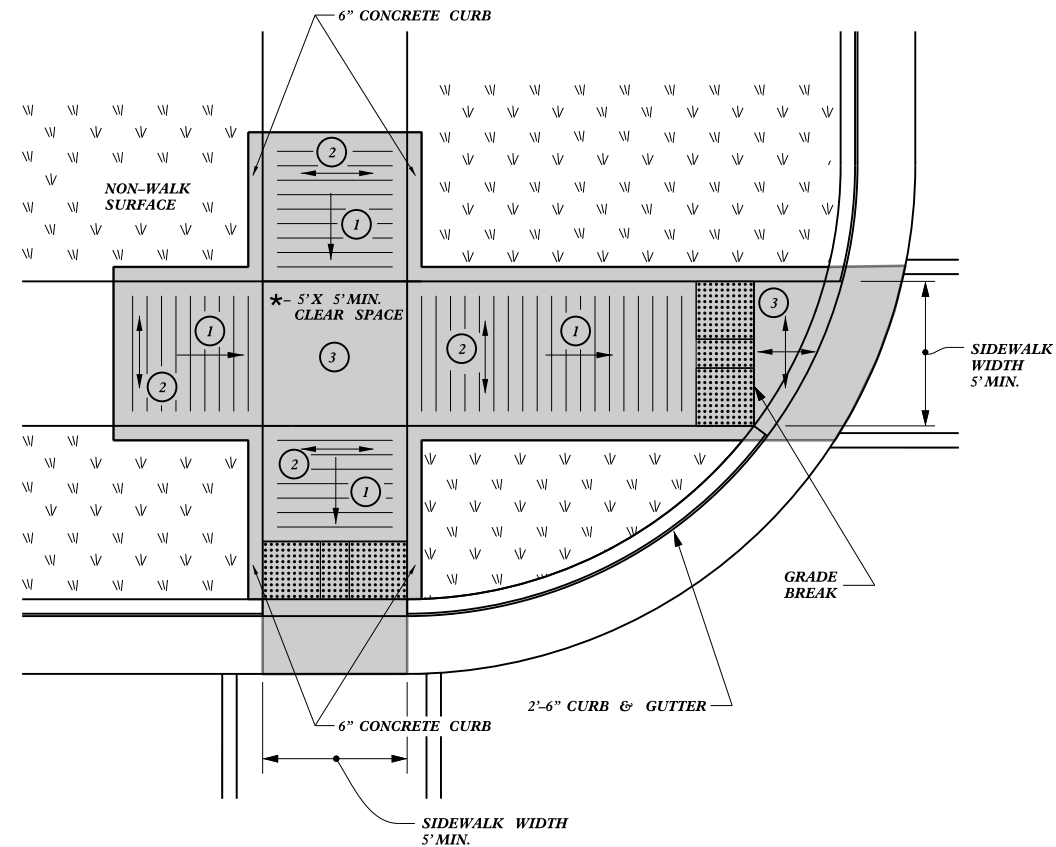
NOTES:

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



* - 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 5A

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

- (2) **CROSS SLOPE:** 2.00%

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

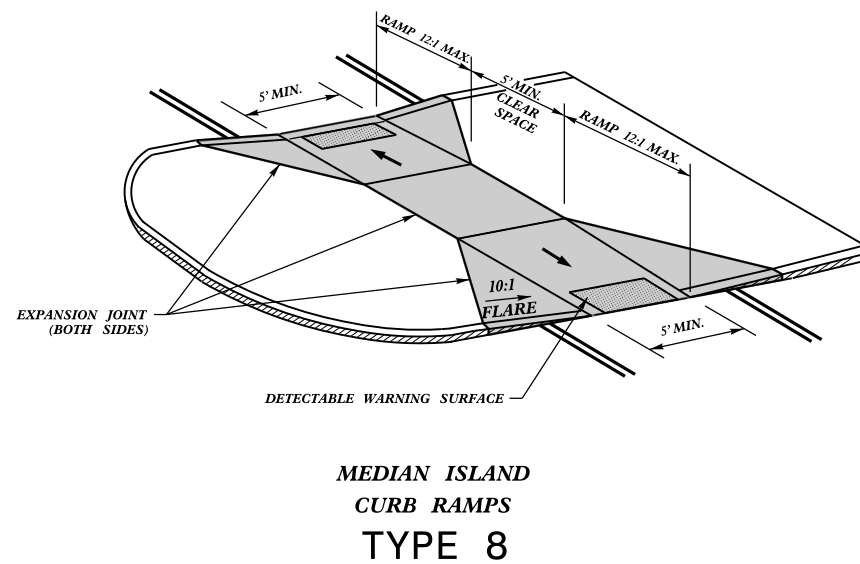
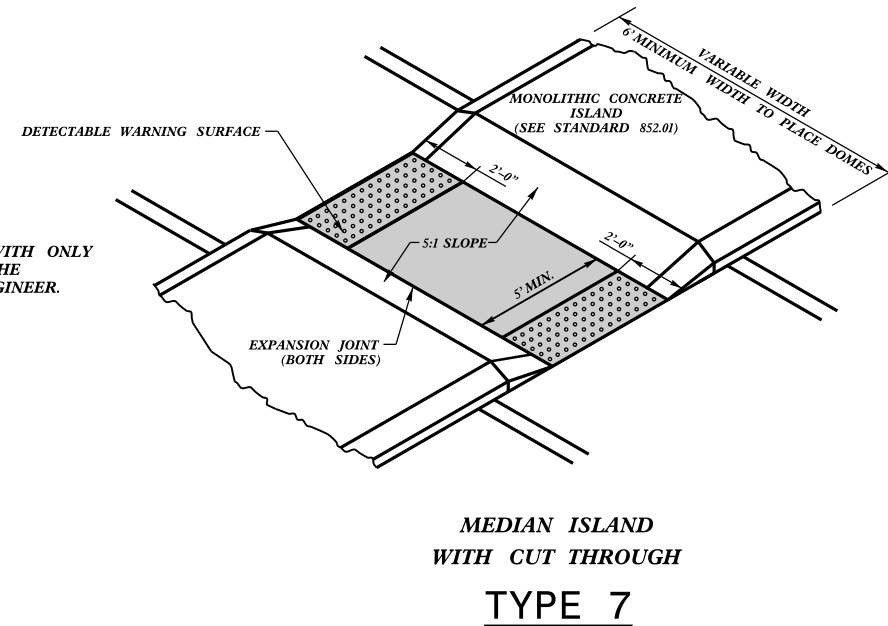
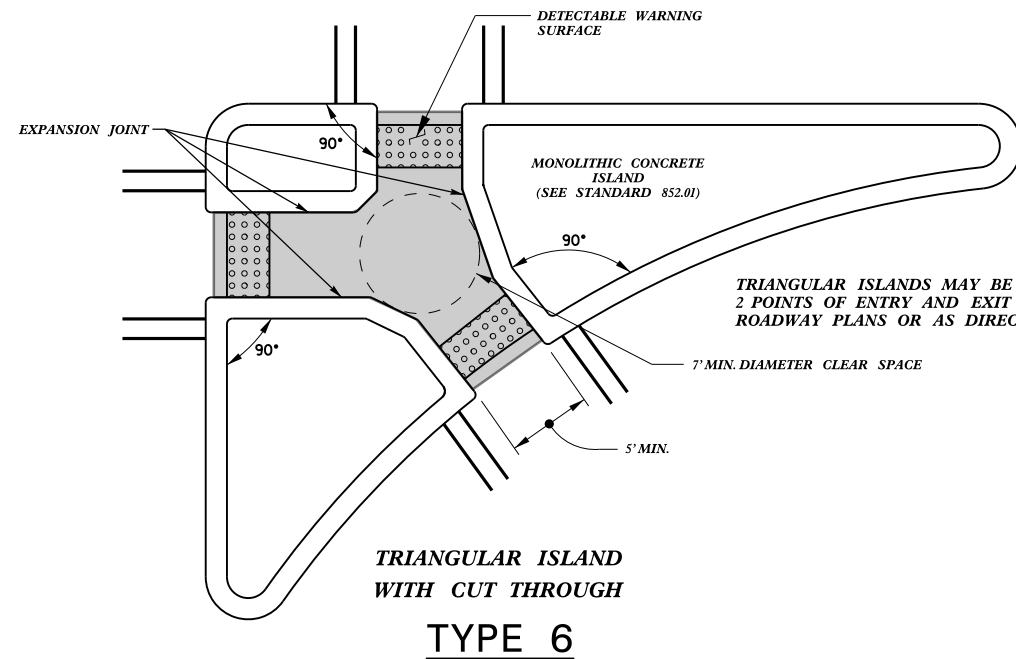
PAY LIMITS FOR 1 OR 2 CURB RAMPS
(CALCULATE BASED ON NUMBER OF SETS
OF DETECTABLE WARNING SURFACES)

1-24 STATE OF
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DIVISION OF HIGHWAYS
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ROADWAY STANDARD DRAWING FOR
CURB RAMP
SHARED LANDING

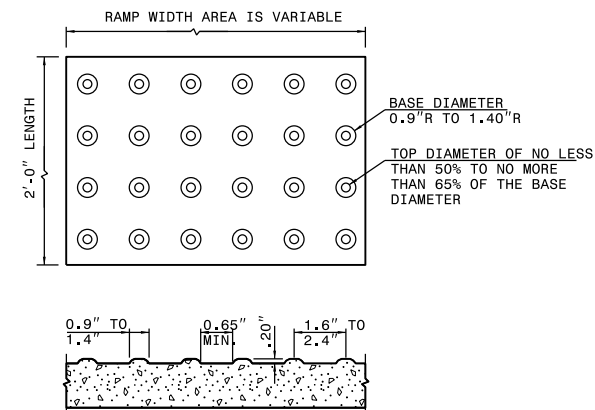
SHEET 11 OF 13

848.06



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

STATE OF
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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP
ISLAND RAMP

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.

1-24

STATE OF
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RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMP
NOTES

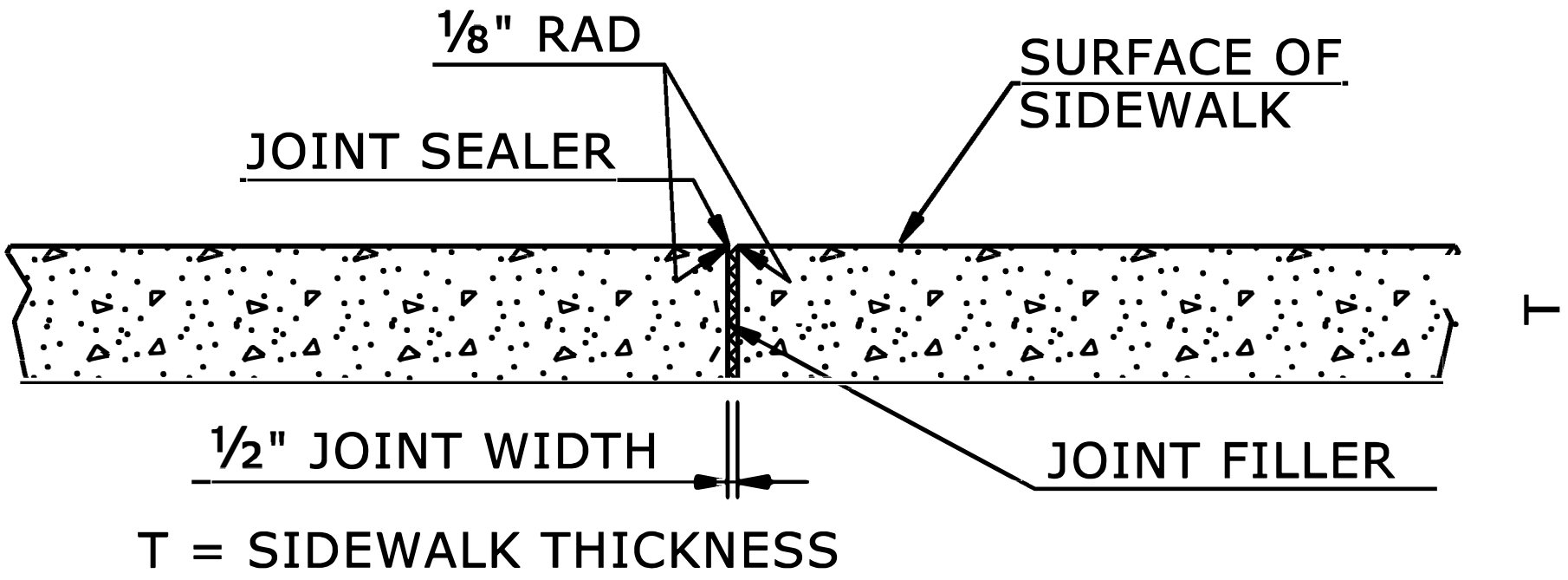
SHEET 13 OF 13
848.06

NOTES:

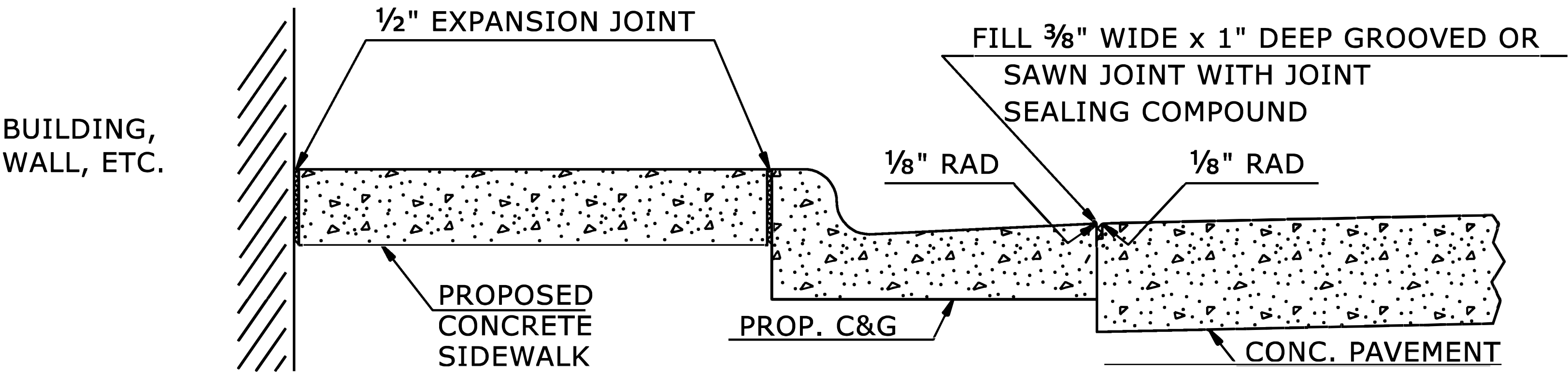
CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.

PLACE A GROOVE JOINT 1" DEEP WITH 1/8" RADII IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 50' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.

SEE STD. DWG. 848.06 FOR CURB RAMP LOCATION REQUIREMENTS AND CONSTRUCTION GUIDELINES.



TRANSVERSE EXPANSION JOINT
IN SIDEWALK



DETAILS SHOWING JOINTS IN CONCRETE SIDEWALK

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RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
CONCRETE SIDEWALK

SHEET 1 OF 1
848D01



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