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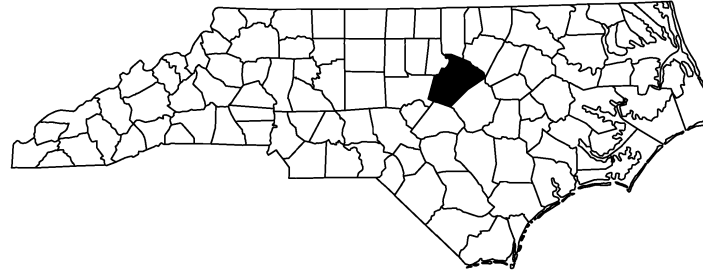
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07/17/2019

CONTRACT: DE00322 TIP PROJECT: R-5785G

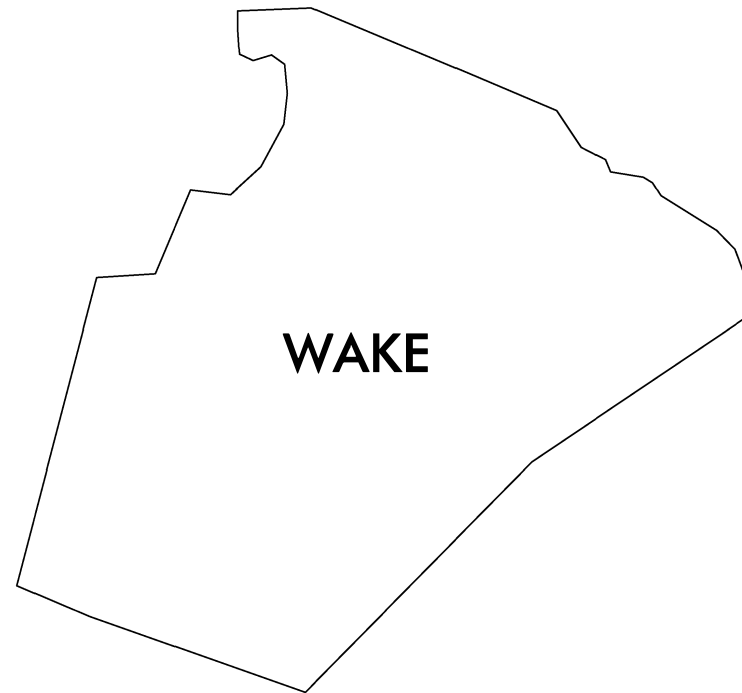
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

***DIVISIONWIDE***



**LOCATION: WAKE COUNTY**

**TYPE OF WORK: CURB RAMP INSTALLATIONS**



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5785G	1	18
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44915.1.1		PE	
44915.3.13	TAP-0505(106)	CON	

**PROJECT LENGTH**

LENGTH ROADWAY TIP PROJECT R-5785G = APPROX 0.5 MILE

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

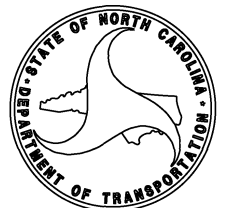
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

RANDY FNGER  
PROJECT ENGINEER

LETTING DATE:  
11/10/2021

NV5  
PROJECT DESIGN ENGINEER



SUMMARY OF QUANTITIES

Sheet No.
2

TIP Number:	R-5785G
WBS Number:	44915.3.13
County:	Wake

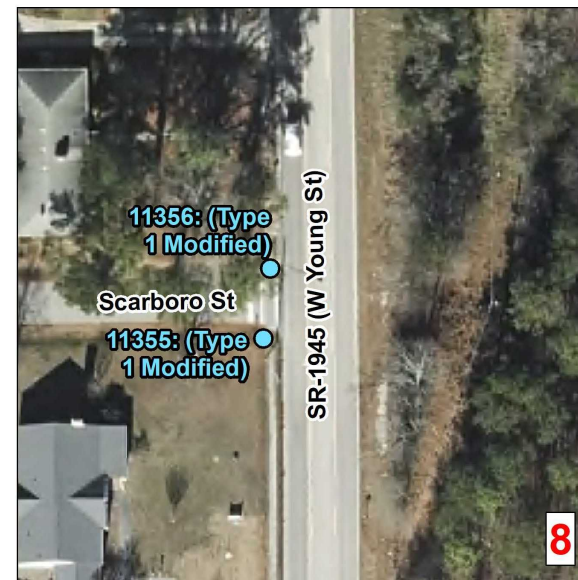
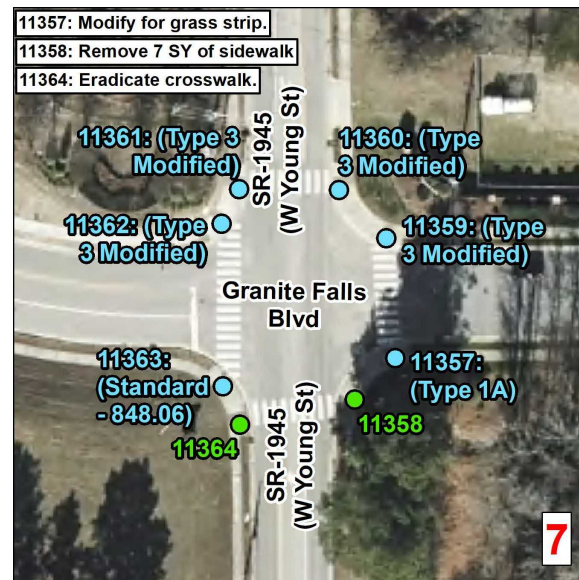
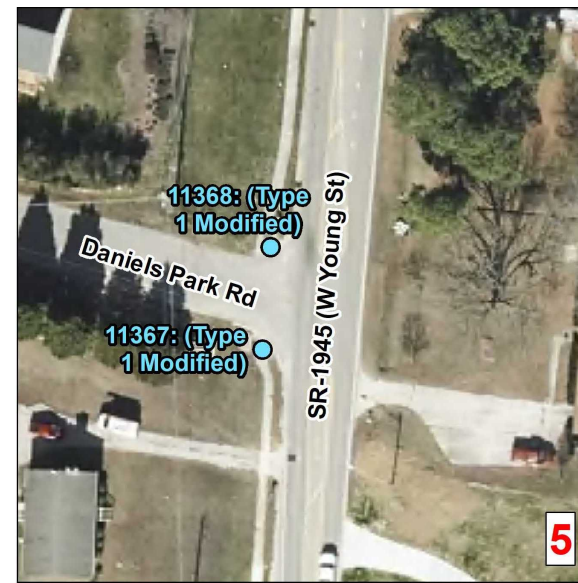
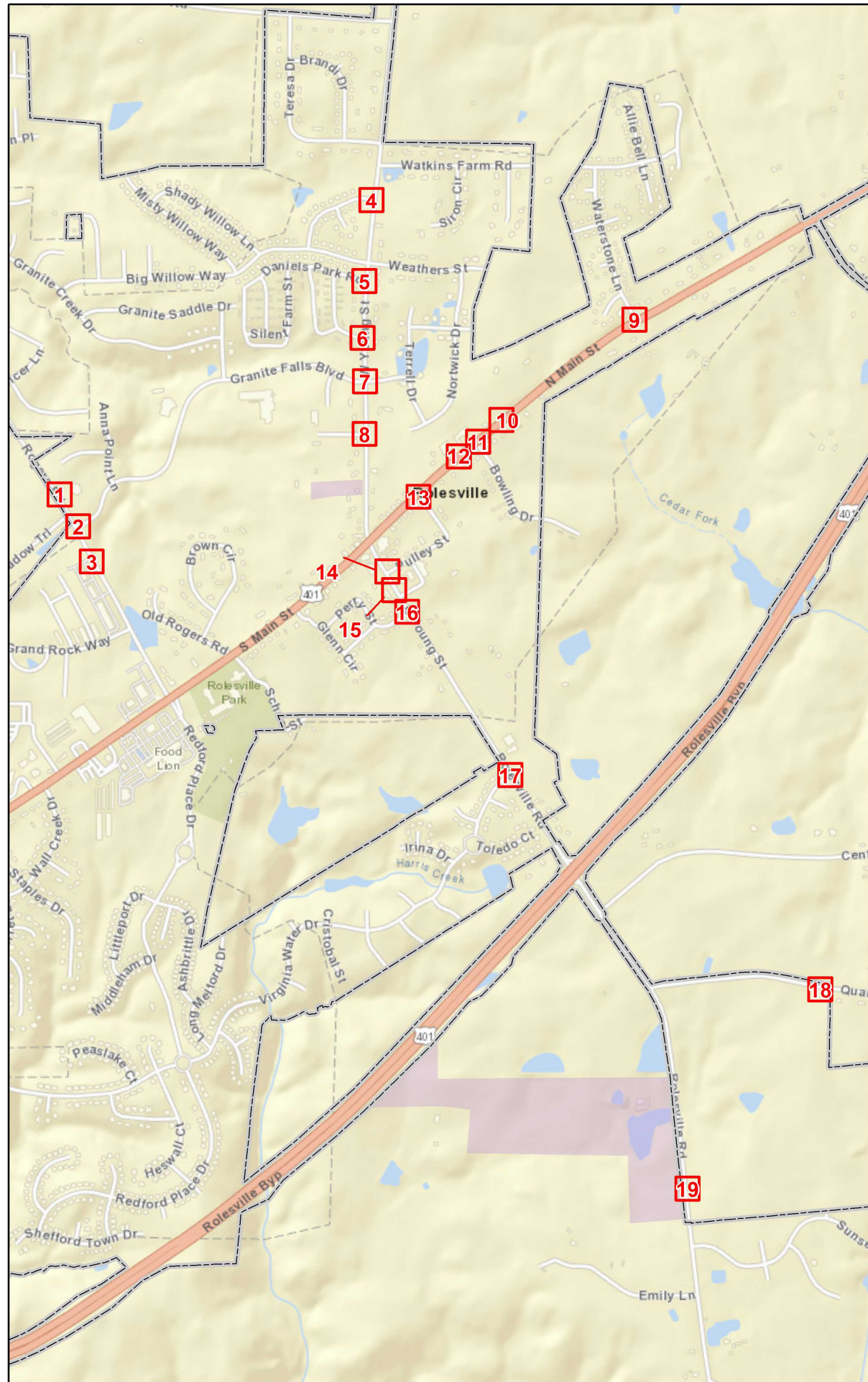
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			Mobilization LS	Pedestrian Channelizing Devices LF	Generic Traffic Control Item - Pedestrian Transport Service EA	Generic Traffic Control Item - Audible Warning Device EA	Asphalt Plant Mix Pavement Repair TON	2'-6" Concrete Curb & Gutter LF	4" Concrete Sidewalk SY	Remove Sidewalk SY	Adjustment of Manholes EA	Adjustment of Meter Boxes or Valve Boxes EA	Relocate Sign Type E EA	24" X 120 MIL White Thermo LF	24" Line Removal LF	Retrofit Existing Curb Ramps EA	Remove and Replace Curb Ramps EA	Concrete Curb Ramps EA	Remove Curb Ramps EA
R-5785G	Wake	Rolesville						80	39	25	0	2	1	0	90	9	34	2	5
R-5785G	Wake	Wake Forest						135	52	25	1	0	0	70	0	22	34	2	8
R-5785G	Wake	Wendell						9	24	25	0	2	0	0	0	6	27	17	1
-	-	-	1	160	40	6	2	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>			<b>1</b>	<b>160</b>	<b>40</b>	<b>6</b>	<b>2</b>	<b>224</b>	<b>115</b>	<b>75</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>70</b>	<b>90</b>	<b>37</b>	<b>95</b>	<b>21</b>	<b>14</b>

SUMMARY OF QUANTITIES – ROLESVILLE

Municipality: Rolesville  
 Project Number: R-5785G  
 WBS Number: 44915.3.13  
 County: Wake

Ramp ID	Inset Map Number	Route 1	Route 2	2549000000-E	2591000000-E	2738000000-E	2830000000-N	2845000000-N	4116100000-N	4710000000-E	4870000000-E	2600000000-N	2613000000-N	2605000000-N	2759000000-N	Improvement Type
				2'-6" Concrete Curb & Gutter LF	4" Concrete Sidewalk SY	Remove Sidewalk SY	Adjustment of Manholes EA	Adjustment of Meter Boxes or Valve Boxes EA	Relocate Sign Type E EA	24" X 120 MIL White Thermo LF	24" Line Removal LF	Retrofit Existing Curb Ramps EA	Remove and Replace Curb Ramps EA	Concrete Curb Ramps EA	Remove Curb Ramps EA	
11429	1	SR-2052 (Rogers Rd)	State Employees credit union (5801 Rogers Rd) Entrance													Type1Modified
11428	1	SR-2052 (Rogers Rd)	State Employees credit union (5801 Rogers Rd) Entrance													Type1Modified
11424	2	SR-2052 (Rogers Rd)	Granite Falls Blvd									1				RetrofitWarnings
11423	2	SR-2052 (Rogers Rd)	Granite Falls Blvd									1				RetrofitWarnings
11422	2	SR-2052 (Rogers Rd)	Granite Falls Blvd									1				RetrofitWarnings
11425	2	SR-2052 (Rogers Rd)	Granite Falls Blvd									1				RetrofitWarnings
11427	3	SR-2052 (Rogers Rd)	Rolesville Plaza (6110 Rogers Rd) Entrance	15	6										1	Remove Ramp
11426	3	SR-2052 (Rogers Rd)	Rolesville Plaza (6110 Rogers Rd) Entrance												1	Type2B
11376	4	SR-1945 (W Young St)	Magnolia View Ln	18	9										1	Remove Ramp
11375	4	SR-1945 (W Young St)	Magnolia View Ln												1	Type3Modified
11374	4	SR-1945 (W Young St)	Magnolia View Ln	17	8										1	Remove Ramp
11373	4	SR-1945 (W Young St)	Magnolia View Ln												1	Type3Modified
11367	5	SR-1945 (W Young St)	Daniels Park Rd												1	Type1Modified
11368	5	SR-1945 (W Young St)	Daniels Park Rd												1	Type1Modified
11366	6	SR-1945 (W Young St)	Cotton Paws St												1	Type1Modified
11365	6	SR-1945 (W Young St)	Cotton Paws St												1	Type1Modified
11361	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Type3Modified
11362	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Type3Modified
11363	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Standard - 848.06
11364	7	SR-1945 (W Young St)	Granite Falls Blvd	15	7						90				1	Remove Ramp
11357	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Type1A
11358	7	SR-1945 (W Young St)	Granite Falls Blvd	15		7									1	Remove Ramp
11359	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Type3Modified
11360	7	SR-1945 (W Young St)	Granite Falls Blvd												1	Type3Modified
11355	8	SR-1945 (W Young St)	Scarboro St												1	Type1Modified
11356	8	SR-1945 (W Young St)	Scarboro St												1	Type1Modified
11347	9	US-401 BUS (N Main St)	Waterstone Ln									1				RetrofitWarnings
11353	10	US-401 BUS (N Main St)	Quality Care Automotive (303 N. Main St) Entrance												1	Type1Modified
11349	11	US-401 BUS (N Main St)	Bowling Dr												1	Type1Modified
11354	11	US-401 BUS (N Main St)	Quality Care Automotive (303 N. Main St) Entrance												1	Type1Modified
11350	11	US-401 BUS (N Main St)	Bowling Dr			3									1	Type1Modified
11352	12	US-401 BUS (N Main St)	Business Center (207 North Main St) Entrance												1	Type1Modified
11351	12	US-401 BUS (N Main St)	Business Center (207 North Main St) Entrance												1	Type1Modified
11346	13	US-401 BUS (Louisburg Rd)	Williams St												1	Type1Modified
11345	13	US-401 BUS (Louisburg Rd)	Williams St												1	Type1Modified
254	14	SR-1003 (E Young St)	Pulley St												1	Type1Modified
253	14	SR-1003 (E Young St)	Pulley St												1	Type1Modified
243	15	SR-1003 (E Young St)	Rolesville EMS Station (204 E. Young St)												1	Type1B
250	15	SR-1003 (E Young St)	Rolesville EMS Station (204 E. Young St)												1	Type1Modified
248	15	SR-1003 (E Young St)	Rolesville EMS Station (204 E. Young St)												1	Type1Modified
246	15	SR-1003 (E Young St)	Rolesville EMS Station (204 E. Young St)												1	Type1Modified
242	16	SR-1003 (E Young St)	Perry St												1	Type2AModified
241	17	SR-1003 (E Young St)	Virginia Water Dr												1	Type4B
240	17	SR-1003 (E Young St)	Virginia Water Dr												1	Type4B
23975	17	SR-1003 (E Young St)	Virginia Water Dr			6									1	Type1Modified
23976	17	SR-1003 (E Young St)	Virginia Water Dr												1	Type3
23820	18	SR-2305 (Quarry Rd)	Rolesville High School Entrance												1	RetrofitWarnings
23821	18	SR-2305 (Quarry Rd)	Rolesville High School Entrance												1	RetrofitWarnings
23822	19	SR-1003 (E Young St)	Rolesville High School Entrance												1	RetrofitWarnings
23823	19	SR-1003 (E Young St)	Rolesville High School Entrance												1	RetrofitWarnings
-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-
<b>Sub-Total for Rolesville</b>				<b>80</b>	<b>39</b>	<b>25</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>90</b>	<b>9</b>	<b>34</b>	<b>2</b>	<b>5</b>	





**Curb Ramps To Be Repaired**

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

Municipal Boundary

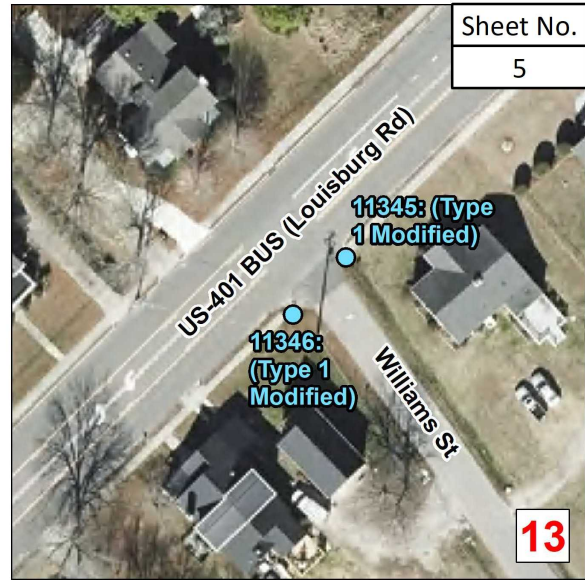
NCHPO Historic Boundary (NR, LHD, and DOE)

**Municipality: Rolesville**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**

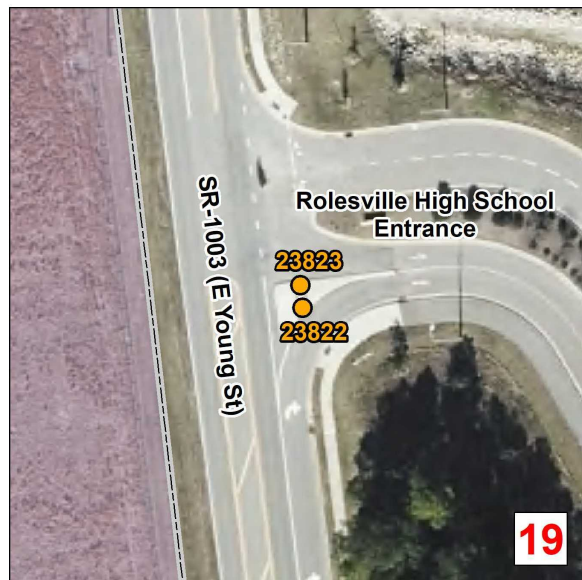
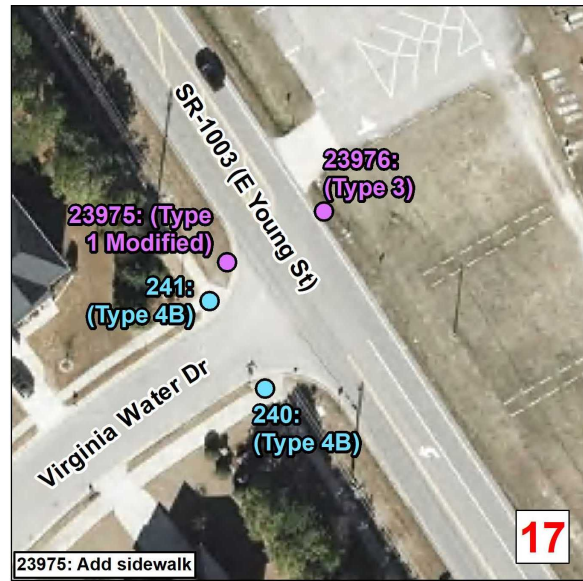
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION 5

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





Sheet No.  
5



**Curb Ramps To Be Repaired**

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

Municipal Boundary

NCHPO Historic Boundary (NR, LHD, and DOE)

**Municipality: Rolesville**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**

NORTH CAROLINA DEPARTMENT  
OF TRANSPORTATION  
DIVISION 5

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



SUMMARY OF QUANTITIES – WAKE FOREST

Sheet No.  
6

Municipality: Wake Forest  
Project Number: R-5785G  
WBS Number: 44915.3.13  
County: Wake

Ramp ID	Inset Map Number	Route 1	Route 2	2549000000-E	2591000000-E	2738000000-E	2830000000-N	2845000000-N	4116100000-N	4710000000-E	4870000000-E	2600000000-N	2613000000-N	2605000000-N	2759000000-N	Improvement Type
				2'-6" Concrete Curb & Gutter LF	4" Concrete Sidewalk SY	Remove Sidewalk SY	Adjustment of Manholes EA	Adjustment of Meter Boxes or Valve Boxes EA	Relocate Sign Type E EA	24" X 120 MIL White Thermo LF	24" Line Removal LF	Retrofit Existing Curb Ramps EA	Remove and Replace Curb Ramps EA	Concrete Curb Ramps EA	Remove Curb Ramps EA	
23855	1	NC-98-BUS (Durham Rd)	SR-1954 (S Wingate St)											1		Type1
1721	2	US-1-ALT (S Main St)	Private Driveway (909 S Main St)									1				RetrofitWarnings
1724	3	US-1-ALT (S Main St)	Pine Ridge Ct										1			Type1Modified
1723	3	US-1-ALT (S Main St)	Pine Ridge Ct											1		Type1Modified
2287	4	US-1-ALT (S Main St)	Car Quest and Napa Auto Parts (1209 S. Main) Entrance									1				RetrofitWarnings
2288	4	US-1-ALT (S Main St)	Car Quest and Napa Auto Parts (1209 S. Main) Entrance									1				RetrofitWarnings
23877	5	US-1-ALT (S Main St)	Cimarron Pkwy / Friendship Professional Center Entrance									1				RetrofitWarnings
2289	5	US-1-ALT (S Main St)	Cimarron Pkwy / Friendship Professional Center Entrance									1				RetrofitWarnings
2290	5	US-1-ALT (S Main St)	Cimarron Pkwy / Friendship Professional Center Entrance									1				RetrofitWarnings
2303	5	US-1-ALT (S Main St)	Cimarron Pkwy / Friendship Professional Center Entrance									1				RetrofitWarnings
2299	6	US-1-ALT (S Main St)	Farm Bureau / Orthodontist (1268 S Main St) North Entrance										1			Type1Modified
2291	6	US-1-ALT (S Main St)	Friendship Chapel Rd									1				RetrofitWarnings
2298	6	US-1-ALT (S Main St)	Farm Bureau / Orthodontist (1268 S Main St) North Entrance										1			Type1Modified
2297	7	US-1-ALT (S Main St)	Farm Bureau / Orthodontist (1268 S Main St) South Entrance									1				RetrofitWarnings
2308	8	US-1-ALT (S Main St)	Forbes Rd									1				RetrofitWarnings
2309	8	US-1-ALT (S Main St)	Forbes Rd									1				RetrofitWarnings
2317	9	US-1-ALT (S Main St)	Nu Image (1725 S Main St) Entrance										1			Type1Modified
2316	9	US-1-ALT (S Main St)	Nu Image (1725 S Main St) Entrance									1				RetrofitWarnings
2314	9	US-1-ALT (S Main St)	Dawkins Murray CPA (1743 S. Main St) Entrance									1				RetrofitWarnings
2315	9	US-1-ALT (S Main St)	Dawkins Murray CPA (1743 S. Main St) Entrance											1		Type1Modified
2311	10	US-1-ALT (S Main St)	Selsey Dr											1		Type1Modified
2312	10	US-1-ALT (S Main St)	Selsey Dr											1		Type3Modified
2310	10	US-1-ALT (S Main St)	Selsey Dr	16	6											Remove Ramp
2313	10	US-1-ALT (S Main St)	Selsey Dr	18	9										1	Remove Ramp
4220	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd)									1				RetrofitWarnings
4225	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd) / Wake Forest Middle School									1				RetrofitWarnings
4222	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd)	17	8										1	Remove Ramp
4221	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd)	16	8										1	Remove Ramp
23874	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd) / Wake Forest Middle School									1				RetrofitWarnings
4223	11	US-1-ALT (S Main St)	SR-2052 (Rogers Rd)									1				RetrofitWarnings
4321	12	US-1-ALT (S Main St)	BB&T (1821 S. Main St) Entrance										1			Type5A
4322	12	US-1-ALT (S Main St)	BB&T (1821 S. Main St) Entrance										1			Type5A
4324	12	US-1-ALT (S Main St)	BB&T (1821 S. Main St) Entrance										1			Type3Modified
4323	12	US-1-ALT (S Main St)	BB&T (1821 S. Main St) Entrance										1			Type3Modified
4232	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type3Modified
4233	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type3Modified
4230	13	US-1-ALT (S Main St)	Alberbury Commons Ct	19	5										1	Remove Ramp
4227	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type1Modified
4228	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type3Modified
4231	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type1Modified
4229	13	US-1-ALT (S Main St)	Alberbury Commons Ct										1			Type3Modified
4226	13	US-1-ALT (S Main St)	Alberbury Commons Ct	15	5					70					1	Remove Ramp
4234	14	US-1-ALT (S Main St)	Sprint (1905 S Main St) Entrance										1			Type1Modified
4236	14	US-1-ALT (S Main St)	Capcom Ave										1			Type3Modified
4235	14	US-1-ALT (S Main St)	Sprint (1905 S Main St) Entrance										1			Type1Modified
23871	15	US-1-ALT (S Main St)	Cashpoints / Brewer Insurance (1920 S Main St) Entrance										1			Type1Modified
23870	15	US-1-ALT (S Main St)	Sonic (1925 S Main St) Entrance									1				RetrofitWarnings
4239	15	US-1-ALT (S Main St)	Sonic (1925 S Main St) Entrance									1				RetrofitWarnings
23868	16	US-1-ALT (S Main St)	BP Gas Station (1933 S Main St) Entrance									1				RetrofitWarnings
4242	16	US-1-ALT (S Main St)	SR-2044 (Ligon Mill Rd)										1			Type3Modified
4246	17	US-1-ALT (S Main St)	Ligon Mill Business center (2004 S Main St) North Entrance										1			Type1Modified
23864	17	US-1-ALT (S Main St)	Valvoline (2005 S Main St) SW Entrance										1			Type1Modified
4249	17	US-1-ALT (S Main St)	Ligon Mill Business center (2004 S Main St) North Entrance										1			Type1Modified
23860	18	US-1-ALT (S Main St)	Wendys / O'Reilly Auto (2091 S Main St) Entrance									1				RetrofitWarnings
23862	18	US-1-ALT (S Main St)	Ligon Mill Business Center (2010 S Main St) South Entrance										1			Type1Modified
<b>Sub-Total</b>				<b>101</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>	<b>0</b>	<b>21</b>	<b>26</b>	<b>2</b>	<b>6</b>	

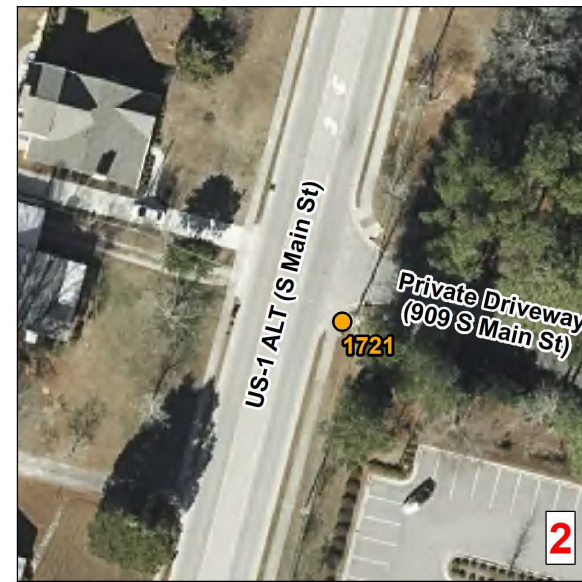
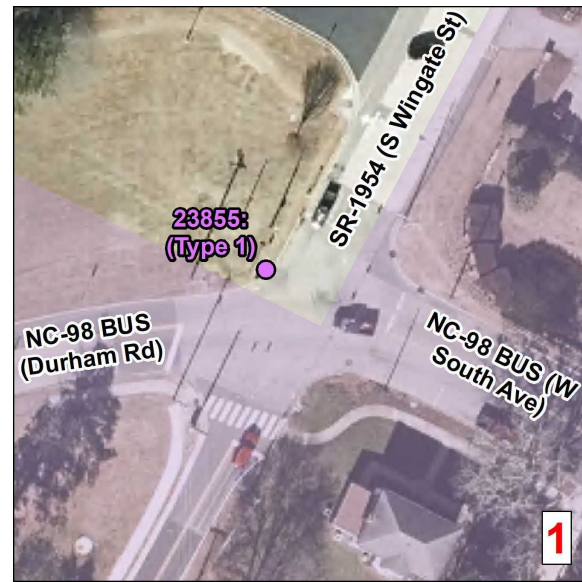
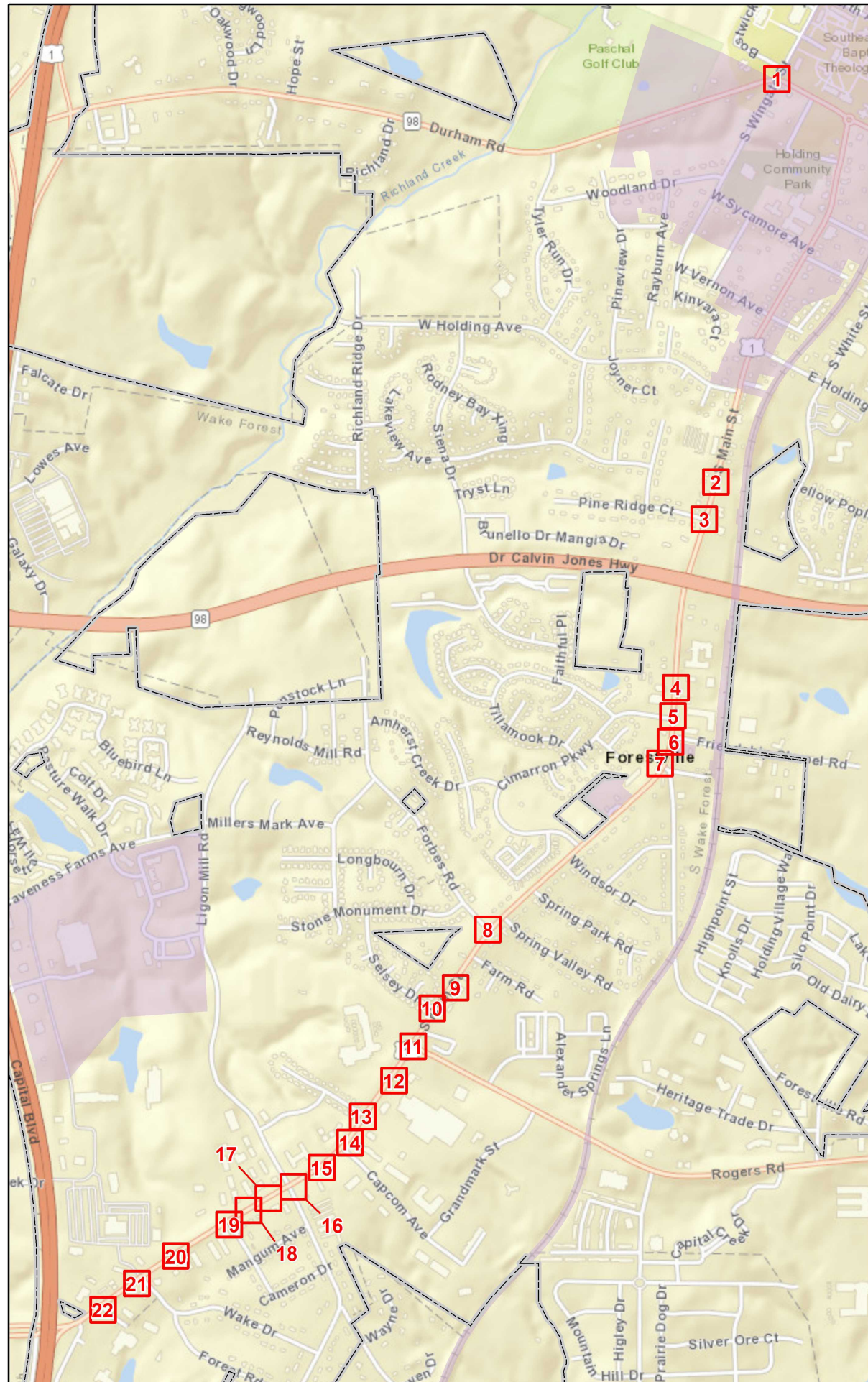
SUMMARY OF QUANTITIES – WAKE FOREST

Sheet No.  
7

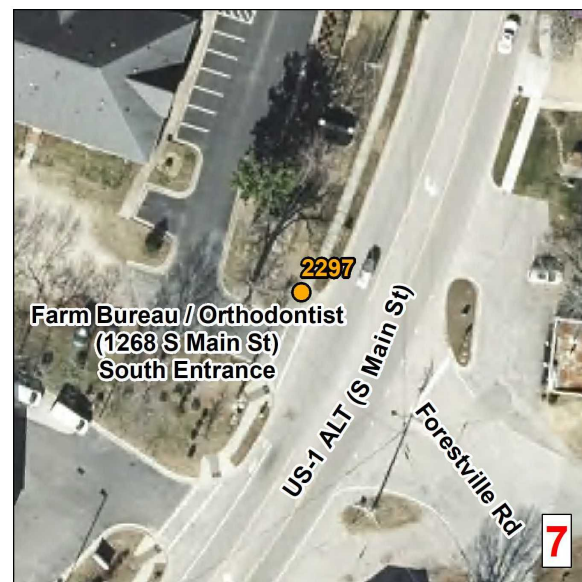
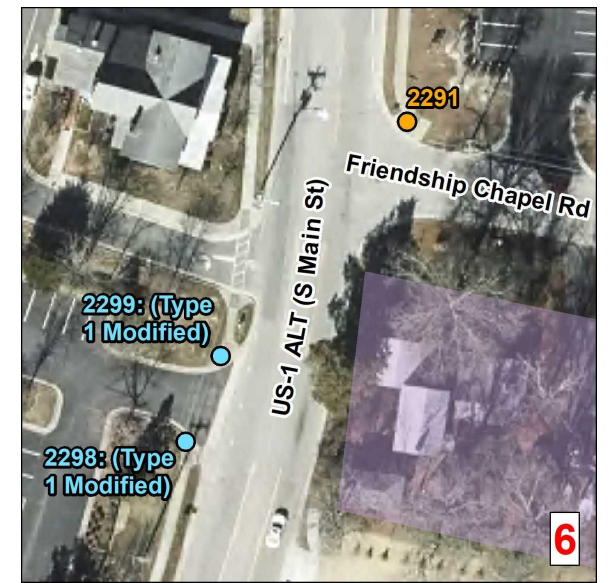
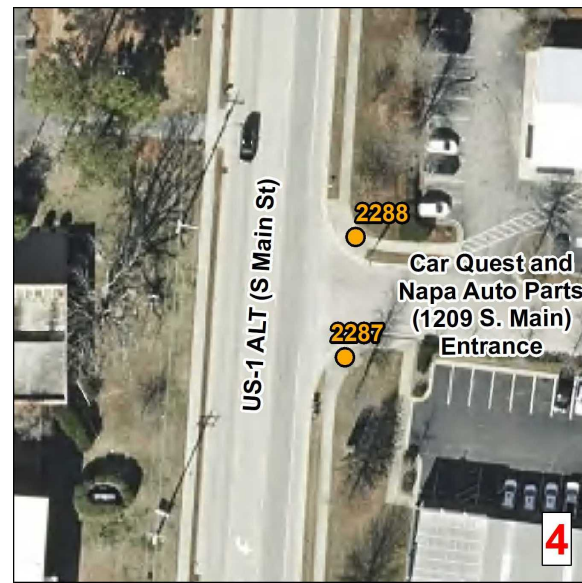
Municipality: Wake Forest  
 Project Number: R-5785G  
 WBS Number: 44915.3.13  
 County: Wake

Ramp ID	Inset Map Number	Route 1	Route 2	2549000000-E	2591000000-E	2738000000-E	2830000000-N	2845000000-N	4116100000-N	4710000000-E	4870000000-E	2600000000-N	2613000000-N	2605000000-N	2759000000-N	Improvement Type
				2'-6" Concrete Curb & Gutter LF	4" Concrete Sidewalk SY	Remove Sidewalk SY	Adjustment of Manholes EA	Adjustment of Meter Boxes or Valve Boxes EA	Relocate Sign Type E EA	24" X 120 MIL White Thermo LF	24" Line Removal LF	Retrofit Existing Curb Ramps EA	Remove and Replace Curb Ramps EA	Concrete Curb Ramps EA	Remove Curb Ramps EA	
23859	18	US-1-ALT (S Main St)	Wendys / O'Reilly Auto (2091 S Main St) Entrance									1				RetrofitWarnings
23863	18	US-1-ALT (S Main St)	Ligon Mill Business Center (2010 S Main St) South Entrance										1			Type1Modified
4251	19	US-1-ALT (S Main St)	Carter St	16	6										1	Remove Ramp
4250	19	US-1-ALT (S Main St)	Carter St										1			Type3Modified
4256	20	US-1-ALT (S Main St)	Advance Auto Parts (2117 S Main St) Entrance										1			Type3Modified
4257	20	US-1-ALT (S Main St)	Advance Auto Parts (2117 S Main St) Entrance										1			Type1Modified
4267	21	US-1-ALT (S Main St)	Taco Bell (2207 S Main St) Entrance										1			Type1Modified
4263	21	US-1-ALT (S Main St)	Wake Dr										1			Type3Modified
4261	21	US-1-ALT (S Main St)	Wake Dr	18	5		1								1	Remove Ramp
4269	22	US-1-ALT (S Main St)	Auto Zone / Kia (2265 S Main St) Entrance										1			Type1Modified
4268	22	US-1-ALT (S Main St)	Auto Zone / Kia (2265 S Main St) Entrance										1			Type1Modified
-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	
<b>Sub-Total</b>				<b>34</b>	<b>11</b>	<b>25</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>2</b>	
<b>Sub-Total for Wake Forest</b>				<b>135</b>	<b>52</b>	<b>25</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>70</b>	<b>0</b>	<b>22</b>	<b>34</b>	<b>2</b>	<b>8</b>	





Sheet No.  
8



**Curb Ramps To Be Repaired**

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

Municipal Boundary  
 NCHPO Historic Boundary (NR, LHD, and DOE)

**Municipality: Wake Forest**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**

NORTH CAROLINA DEPARTMENT  
 OF TRANSPORTATION  
 DIVISION 5

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

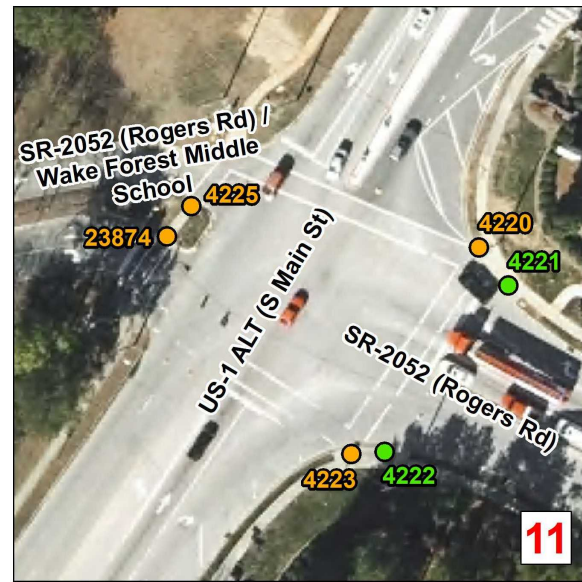




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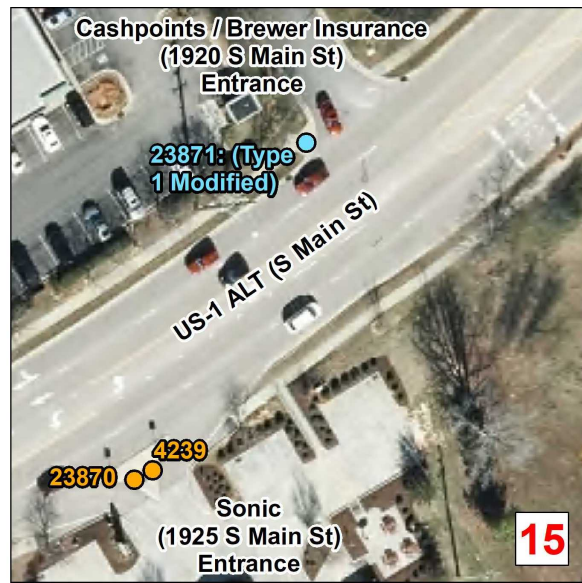


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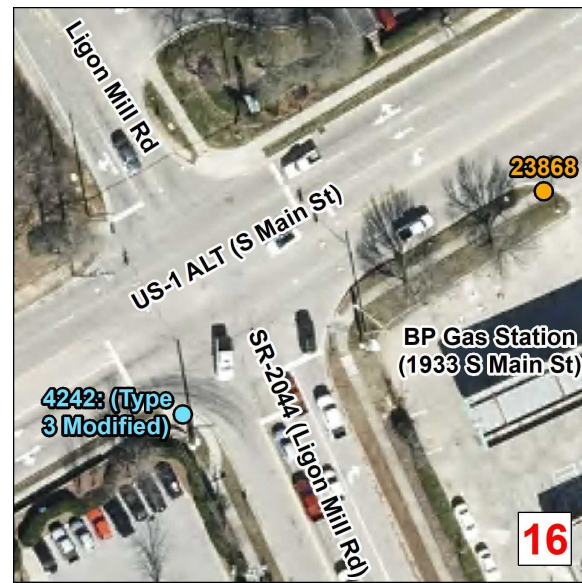
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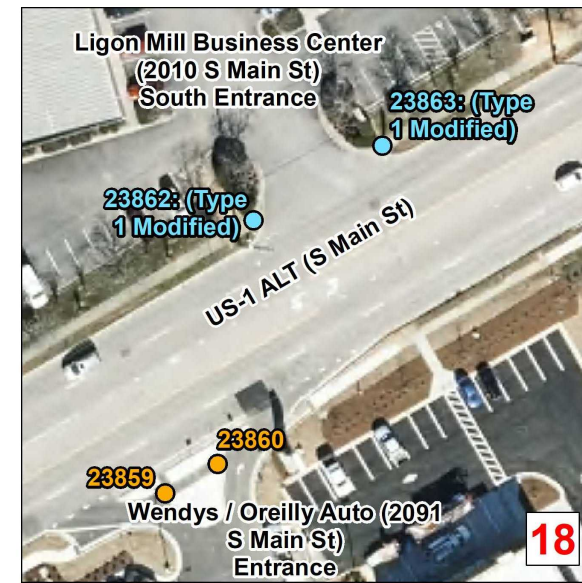
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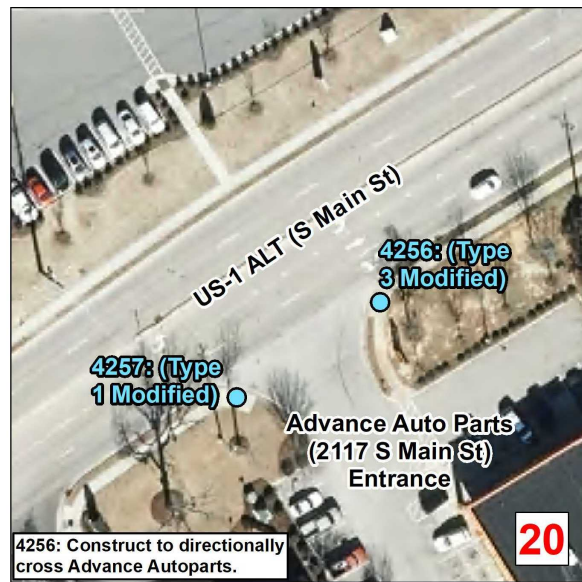
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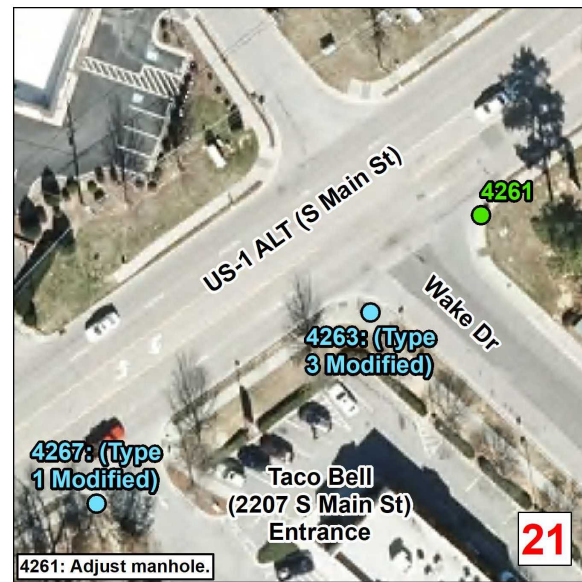
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22

**Curb Ramps To Be Repaired**

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

Municipal Boundary

NCHPO Historic Boundary (NR, LHD, and DOE)

**Municipality: Wake Forest**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION 5

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



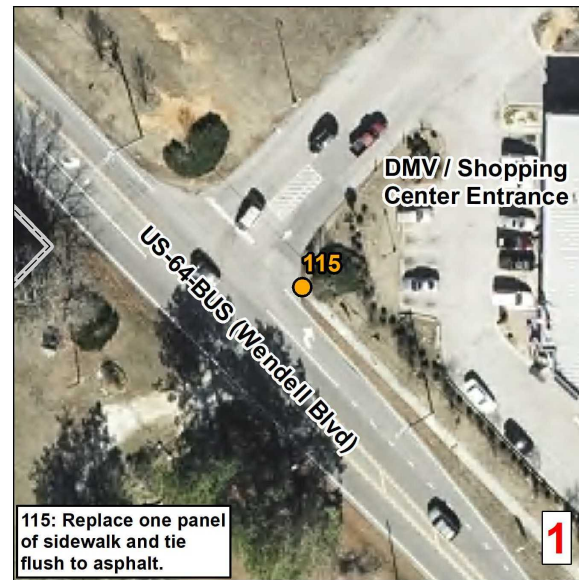
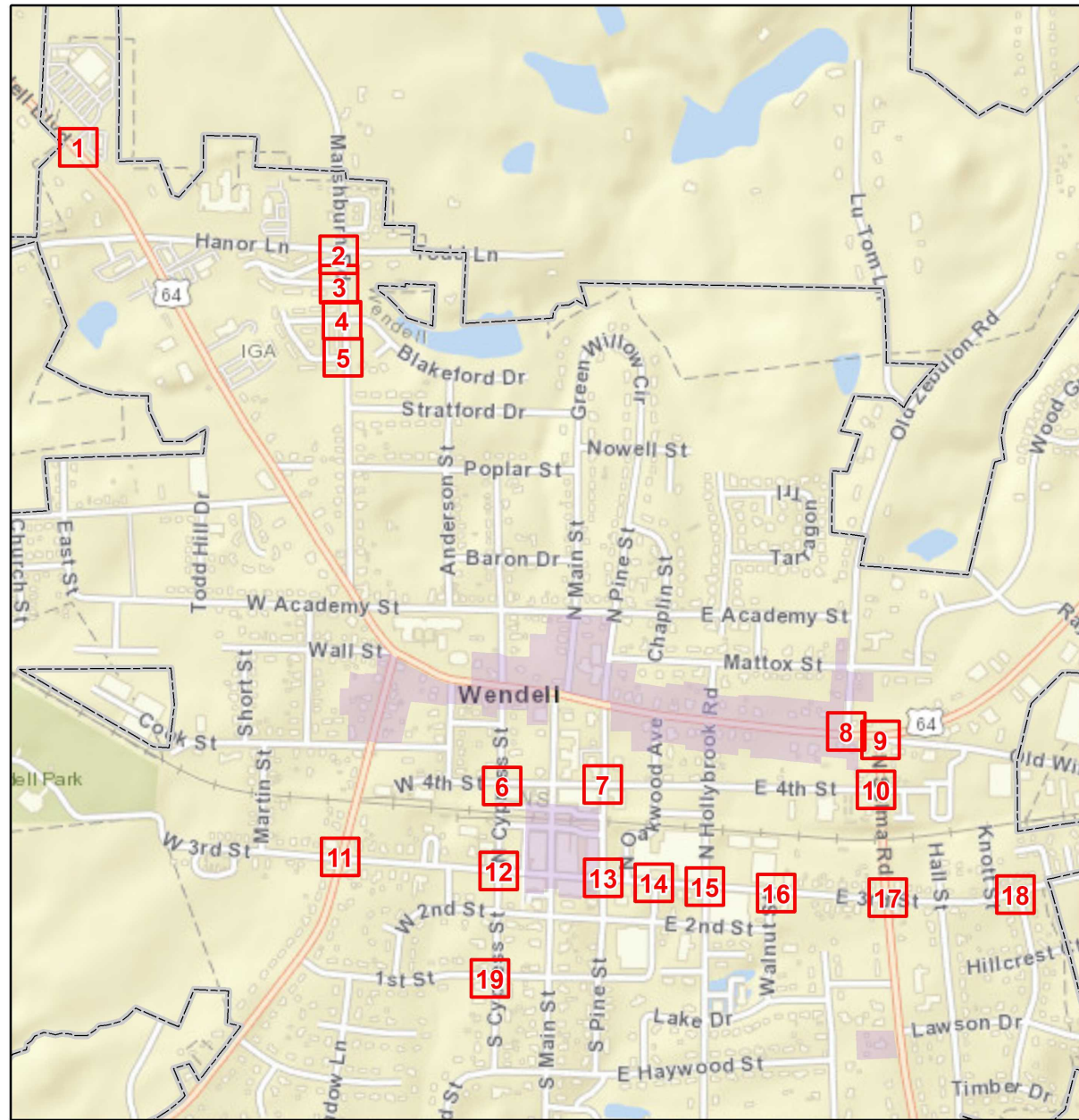
SUMMARY OF QUANTITIES – WENDELL

Sheet No.  
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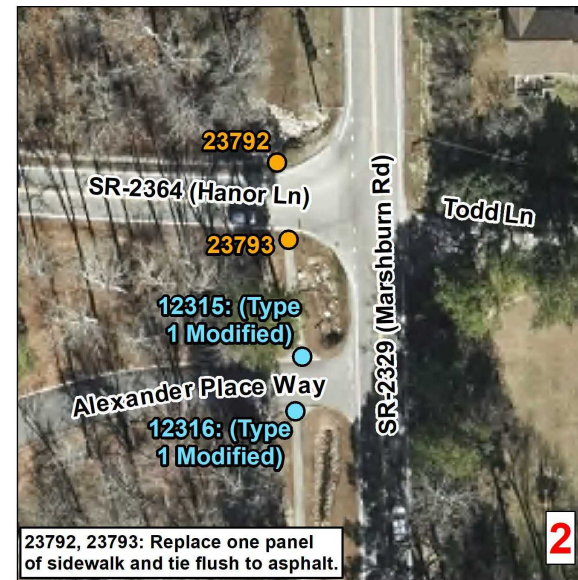
Municipality: Wendell  
Project Number: R-5785G  
WBS Number: 44915.3.13  
County: Wake

Ramp ID	Inset Map Number	Route 1	Route 2	2549000000-E	2591000000-E	2738000000-E	2830000000-N	2845000000-N	4116100000-N	4710000000-E	4870000000-E	2600000000-N	2613000000-N	2605000000-N	2759000000-N	Improvement Type
				2'-6" Concrete Curb & Gutter LF	4" Concrete Sidewalk SY	Remove Sidewalk SY	Adjustment of Manholes EA	Adjustment of Meter Boxes or Valve Boxes EA	Relocate Sign Type E EA	24" X 120 MIL White Thermo LF	24" Line Removal LF	Retrofit Existing Curb Ramps EA	Remove and Replace Curb Ramps EA	Concrete Curb Ramps EA	Remove Curb Ramps EA	
115	1	US-64-BUS (Wendell Blvd)	DMV / Shopping Center Entrance		3							1				RetrofitWarnings
12315	2	SR-2329 (Marshburn Rd)	Alexander place way										1			Type1Modified
23792	2	SR-2364 (Hanor Ln)	SR-2329 (Marshburn Rd)		3							1				RetrofitWarnings
12316	2	SR-2329 (Marshburn Rd)	Alexander place way										1			Type1Modified
23793	2	SR-2364 (Hanor Ln)	SR-2329 (Marshburn Rd)		3							1				RetrofitWarnings
12317	3	SR-2329 (Marshburn Rd)	Alexander place way										1			Type1Modified
12318	3	SR-2329 (Marshburn Rd)	Alexander place way										1			Type1Modified
12320	4	SR-2329 (Marshburn Rd)	Crestfield Cir										1			Type1Modified
12319	4	SR-2329 (Marshburn Rd)	Crestfield Cir										1			Type1Modified
12322	5	SR-2329 (Marshburn Rd)	Crestfield Cir										1			Type1Modified
12321	5	SR-2329 (Marshburn Rd)	Crestfield Cir										1			Type1Modified
94	6	SR-2358 (N Cypress St)	W Fourth St										1			Type2A
96	7	SR-2373 (N Pine St)	E Fourth St									1				RetrofitWarnings
23774	7	SR-2373 (N Pine St)	E Fourth St										1			Type2B
99	7	SR-2373 (N Pine St)	E Fourth St										1			Type2B
97	7	SR-2373 (N Pine St)	E Fourth St											1		Type2A
98	7	SR-2373 (N Pine St)	E Fourth St	9	9										1	Remove Ramp
58	8	US-64-BUS (Wendell Blvd)	SR-2359 (Old Zebulon Rd)										1			Type1Modified
57	8	US-64-BUS (Wendell Blvd)	SR-2359 (Old Zebulon Rd)										1			Type1Modified
12298	9	US-64-BUS	NC-231											1		Type3Modified
12299	9	US-64-BUS	NC-231											1		Type3
12297	9	US-64-BUS	NC-231											1		Type2B
23794	10	NC-231 (N Selma Rd)	E Fourth St											1		Type3Modified
62	10	NC-231 (N Selma Rd)	E Fourth St											1		Type1A
59	10	NC-231 (N Selma Rd)	E Fourth St											1		Type1A
12306	11	SR-1007 (N Buffalo St)	SR-2355 (W Third St)										1			Type1Modified
12307	11	SR-1007 (N Buffalo St)	SR-2355 (W Third St)										1			Type1Modified
90	12	SR-2355 (W Third St)	SR-2358 (N Cypress St)										1			Type2A
88	12	SR-2355 (W Third St)	SR-2358 (S Cypress St)										1			Type4
93	12	SR-2355 (W Third St)	SR-2358 (S Cypress St)										1			Type1Modified
23955	12	SR-2355 (W Third St)	SR-2358 (S Cypress St)											1		Type4
23775	13	SR-2355 (E Third St)	S Pine St										1			Type4A
79	13	SR-2355 (E Third St)	SR-2373 (N Pine St)										1			Type2AModified
81	13	SR-2355 (E Third St)	SR-2373 (N Pine St)					1						1		Type4
23799	13	SR-2355 (E Third St)	SR-2373 (N Pine St)					1						1		Type4
23954	13	SR-2355 (E Third St)	S Pine St										1			Type4A
75	14	SR-2355 (E Third St)	Kemp St											1		Type1Modified
23771	14	SR-2355 (E Third St)	Kemp St										1			Type1Modified
76	14	SR-2355 (E Third St)	Kemp St											1		Type1Modified
77	15	SR-2355 (E Third St)	N Hollybrook Rd										1			Type1Modified
78	15	SR-2355 (E Third St)	N Hollybrook Rd											1		Type2A
80	15	SR-2355 (E Third St)	SR-2357 (S Hollybrook Rd)										1			Type1Modified
73	16	SR-2355 (E Third St)	Eastern Wake EMS Entrance		3							1				RetrofitWarnings
72	16	SR-2355 (E Third St)	Eastern Wake EMS Entrance		3							1				RetrofitWarnings
74	16	SR-2355 (E Third St)	Walnut St										1			Type1Modified
71	17	NC-231 (N Selma Rd)	SR-2355 (E Third St)										1			Type1A
70	17	NC-231 (N Selma Rd)	SR-2355 (E Third St)											1		Type3
23796	17	NC-231 (N Selma Rd)	SR-2355 (E Third St)											1		Type1A
69	17	NC-231 (N Selma Rd)	SR-2355 (E Third St)											1		Type3Modified
12294	18	SR-2355 (E Third St)	Griffin drive										1			Type1
101	19	SR-2358 (S Cypress St)	W First St											1		Type1Modified
-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-
<b>Sub-Total for Wendell</b>				<b>9</b>	<b>24</b>	<b>25</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>27</b>	<b>17</b>	<b>1</b>	

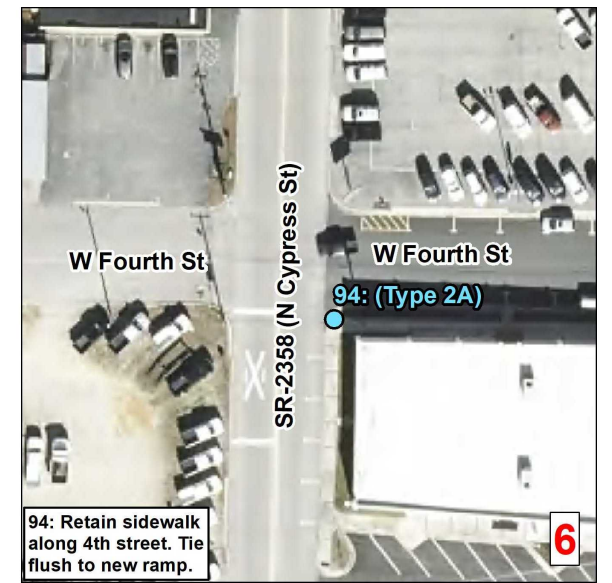
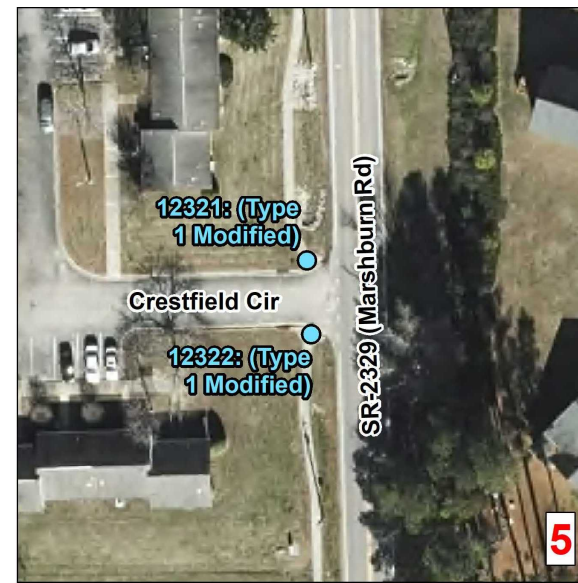




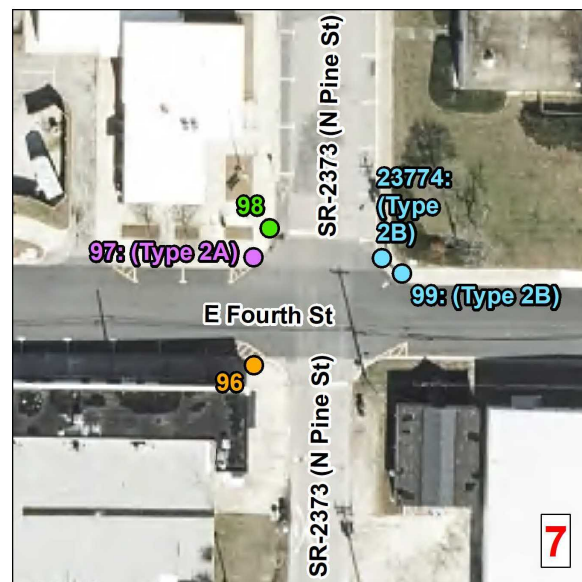
115: Replace one panel of sidewalk and tie flush to asphalt.



23792, 23793: Replace one panel of sidewalk and tie flush to asphalt.



94: Retain sidewalk along 4th street. Tie flush to new ramp.



**Curb Ramps To Be Repaired**

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

Municipal Boundary

NCHPO Historic Boundary (NR, LHD, and DOE)

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**Municipality: Wendell**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**

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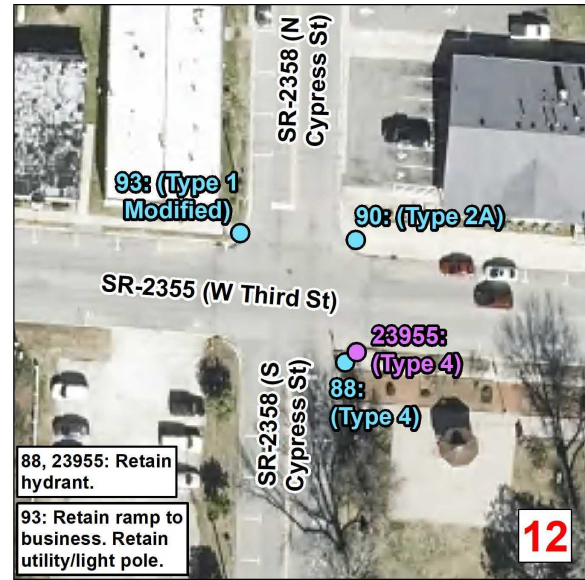
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION 5

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

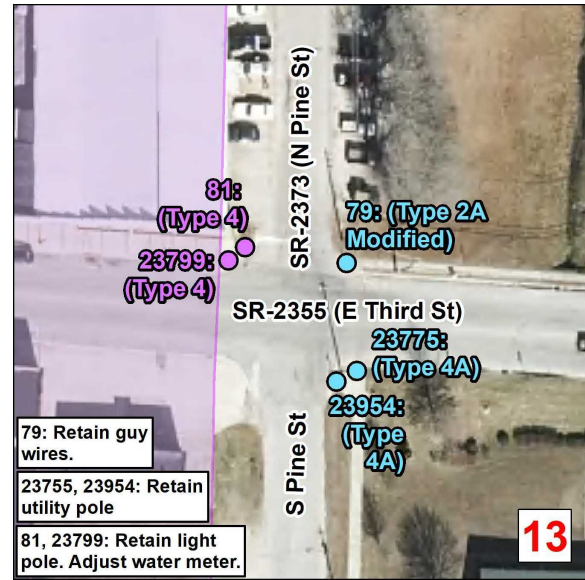




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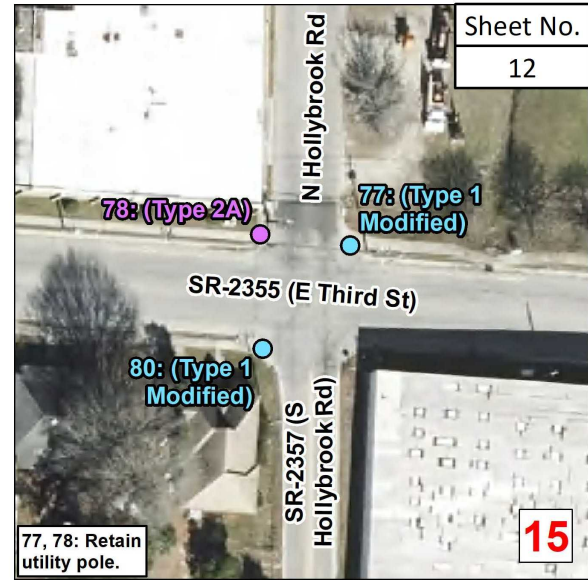
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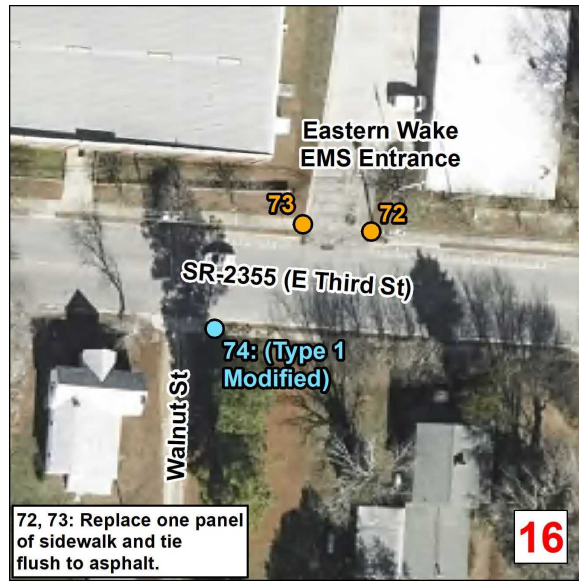
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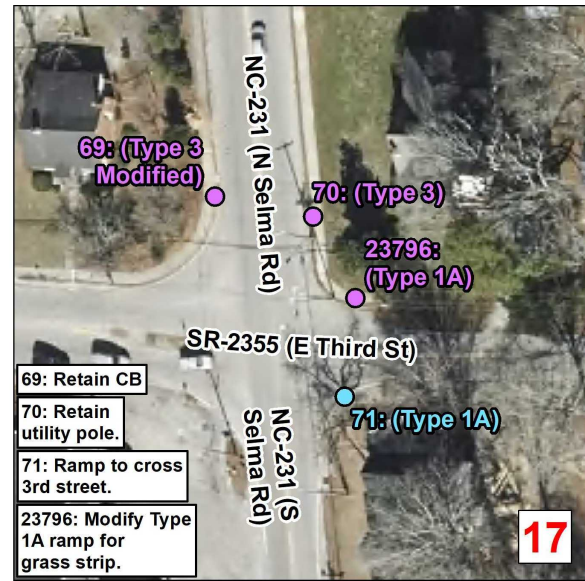
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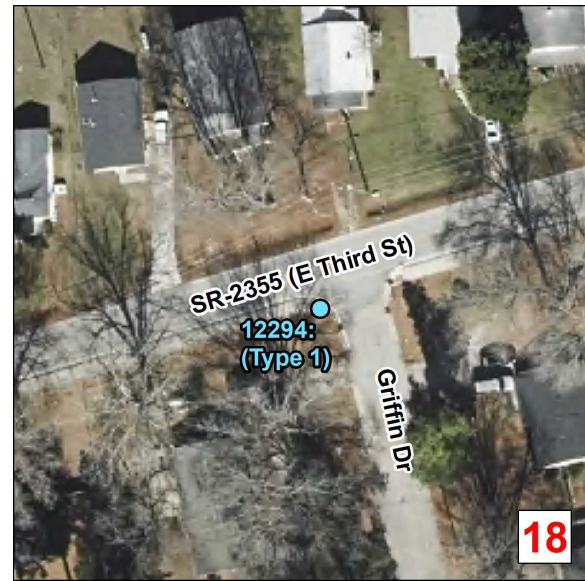
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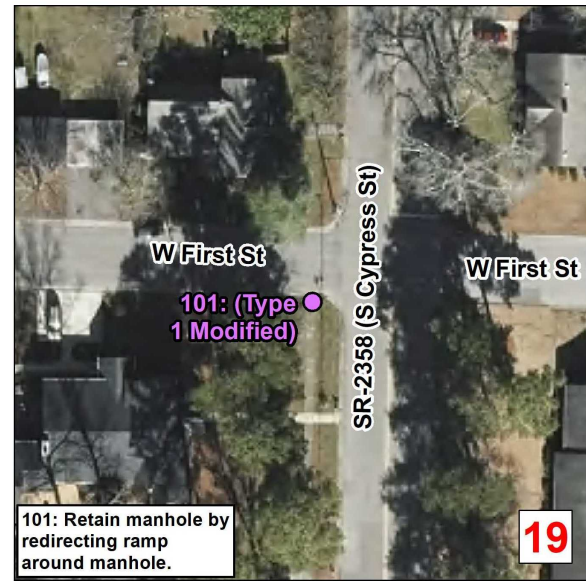
16



17



18



19

72, 73: Replace one panel of sidewalk and tie flush to asphalt.

69: Retain CB  
70: Retain utility pole.  
71: Ramp to cross 3rd street.  
23796: Modify Type 1A ramp for grass strip.

79: Retain guy wires.  
23755, 23954: Retain utility pole  
81, 23799: Retain light pole. Adjust water meter.

76: Retain utility pole.

77, 78: Retain utility pole.

**Curb Ramps To Be Repaired**

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

Municipal Boundary  
 NCHPO Historic Boundary (NR, LHD, and DOE)

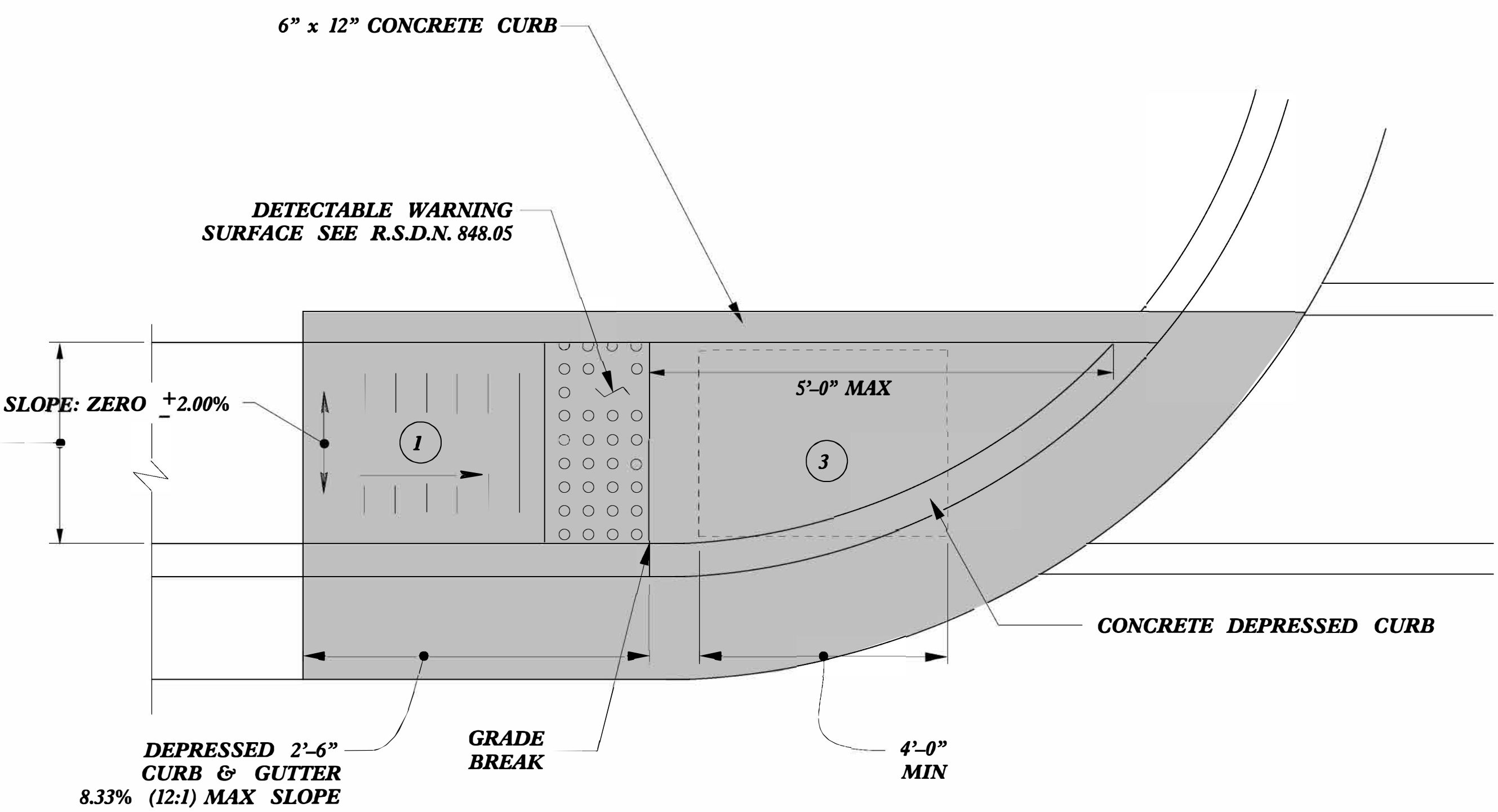
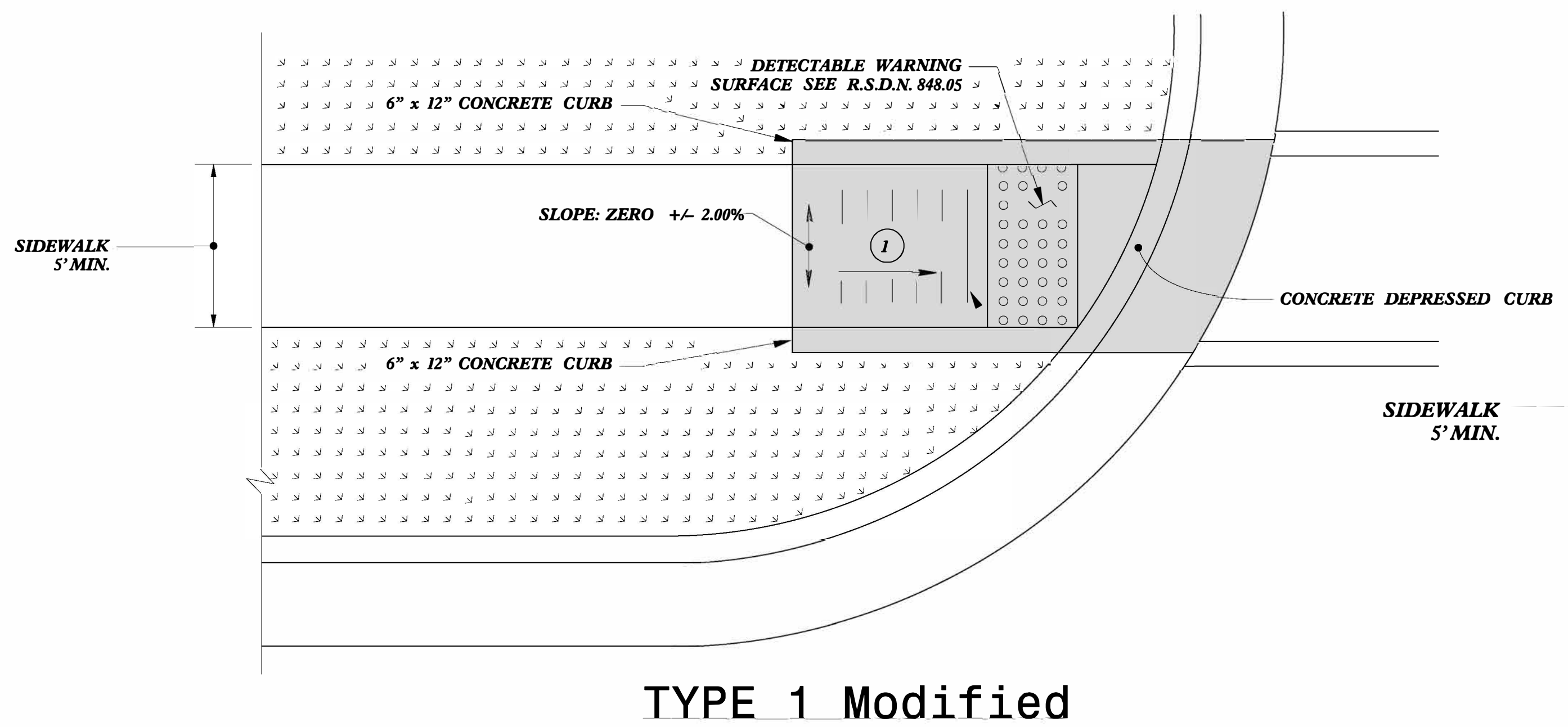
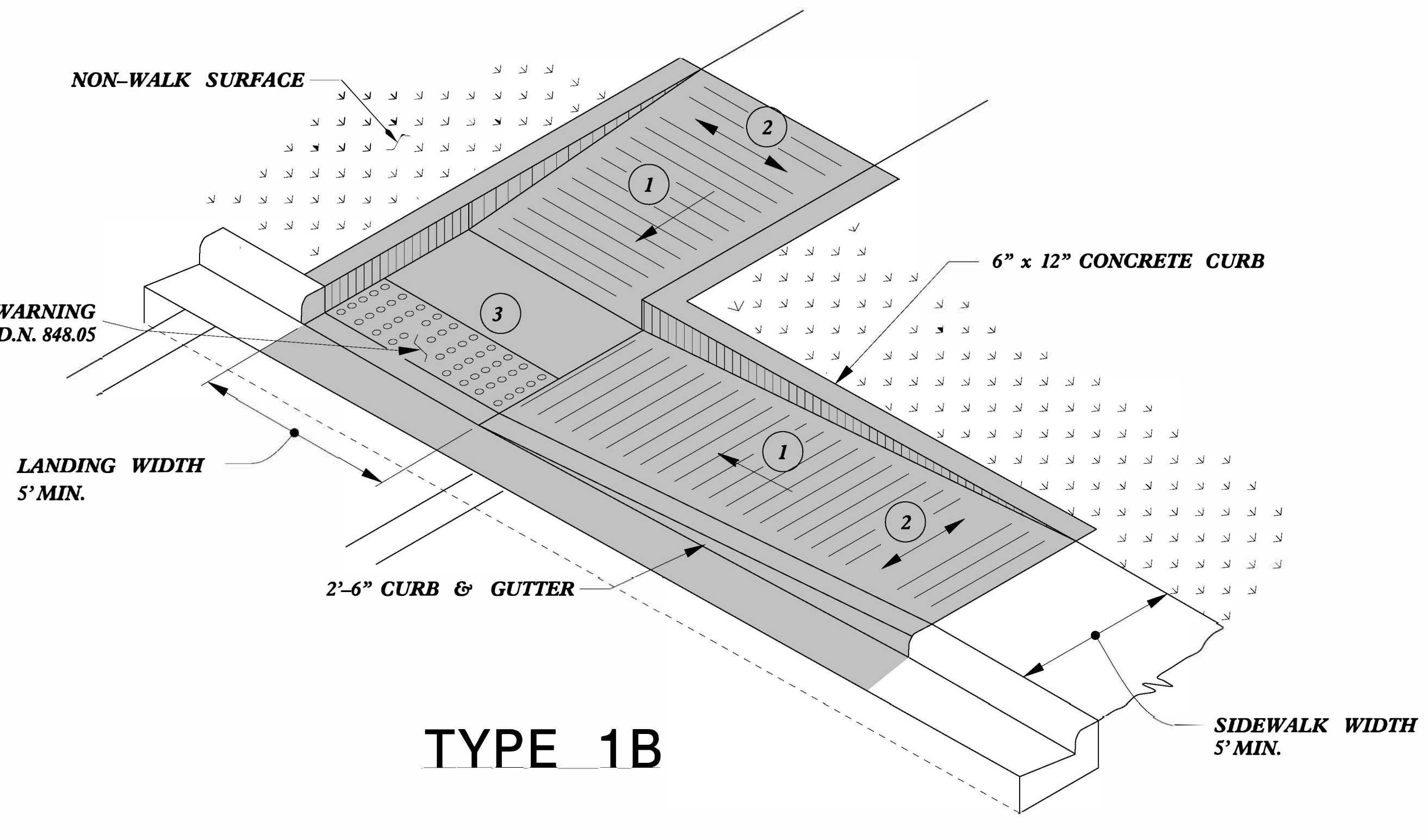
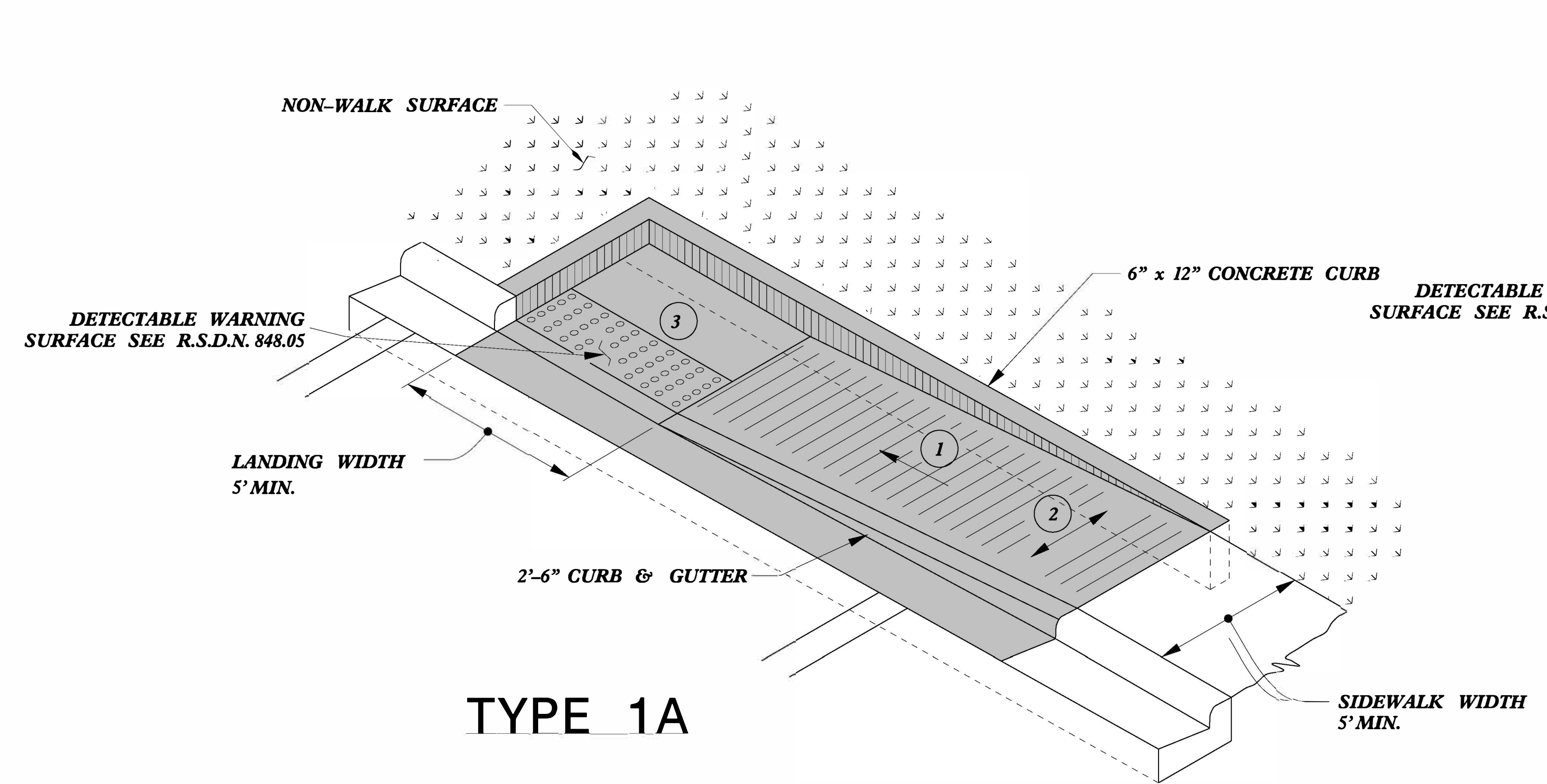


**Municipality: Wendell**  
**TIP Number: R-5785G**  
**WBS Number: 44915.3.13**  
**County: Wake**



NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
 DIVISION 5

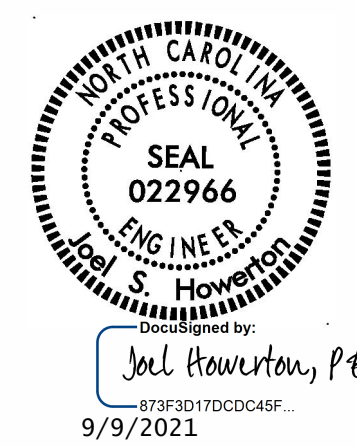




- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

PAY LIMITS FOR 1 CURB RAMP

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



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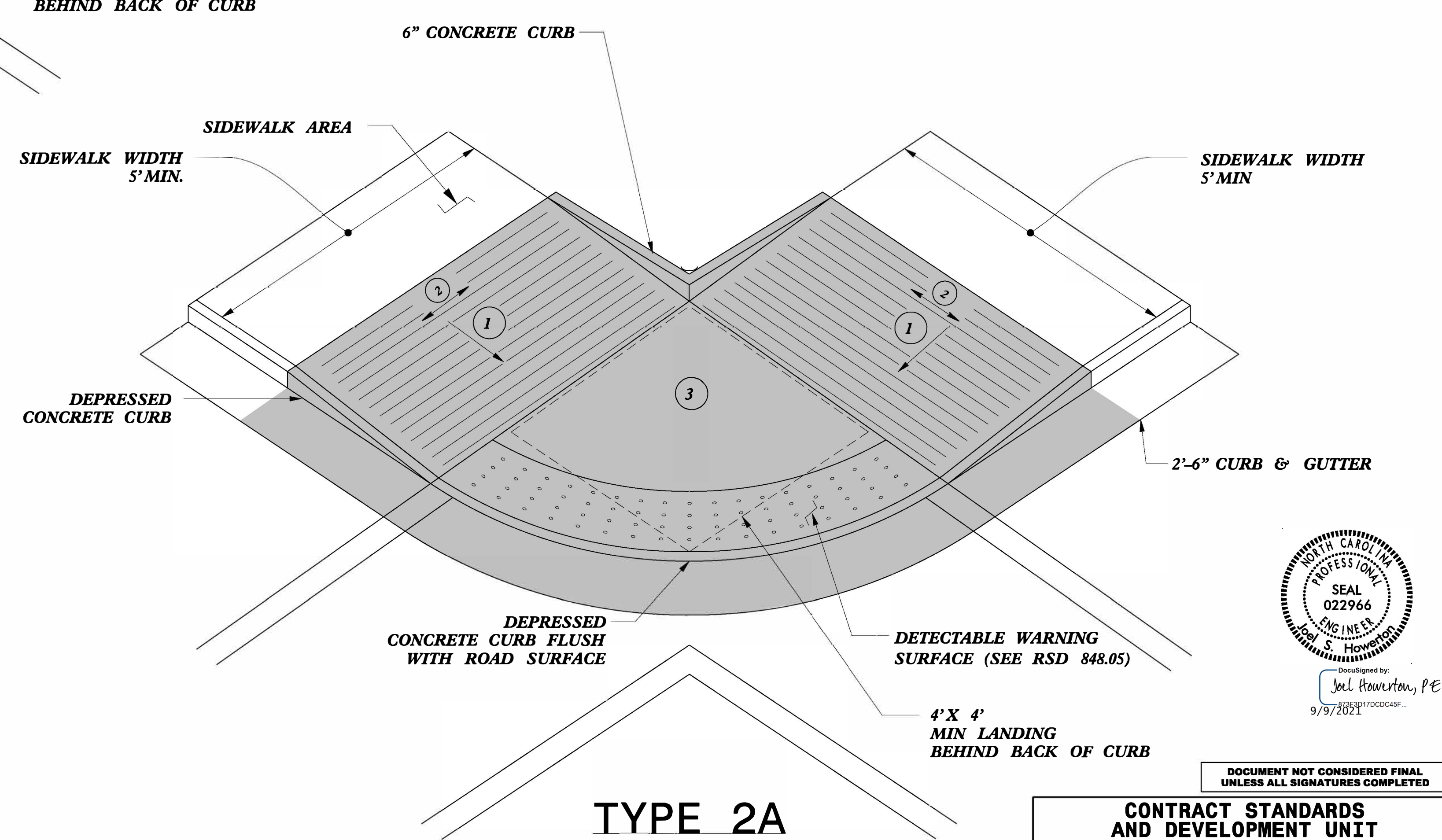
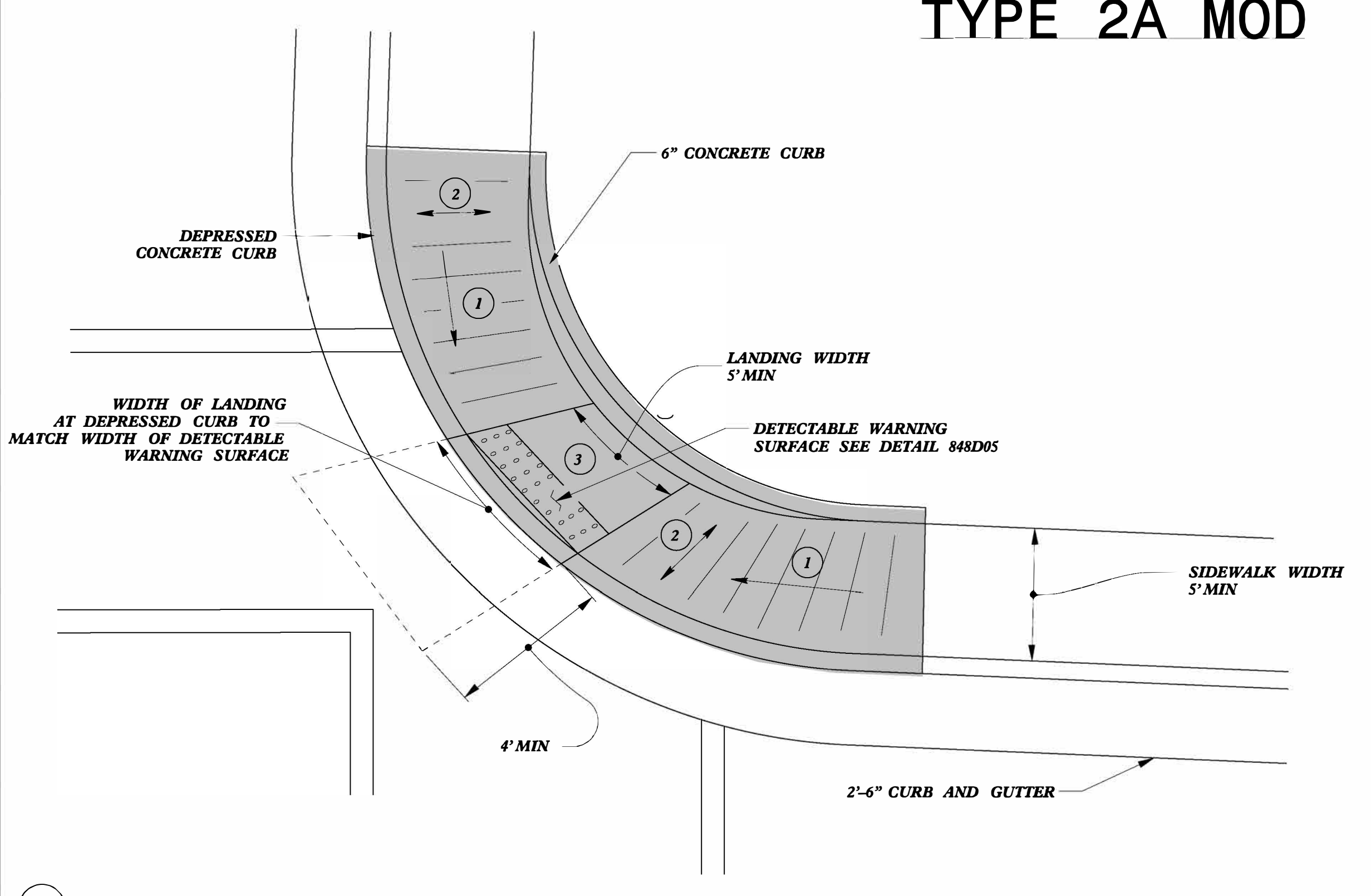
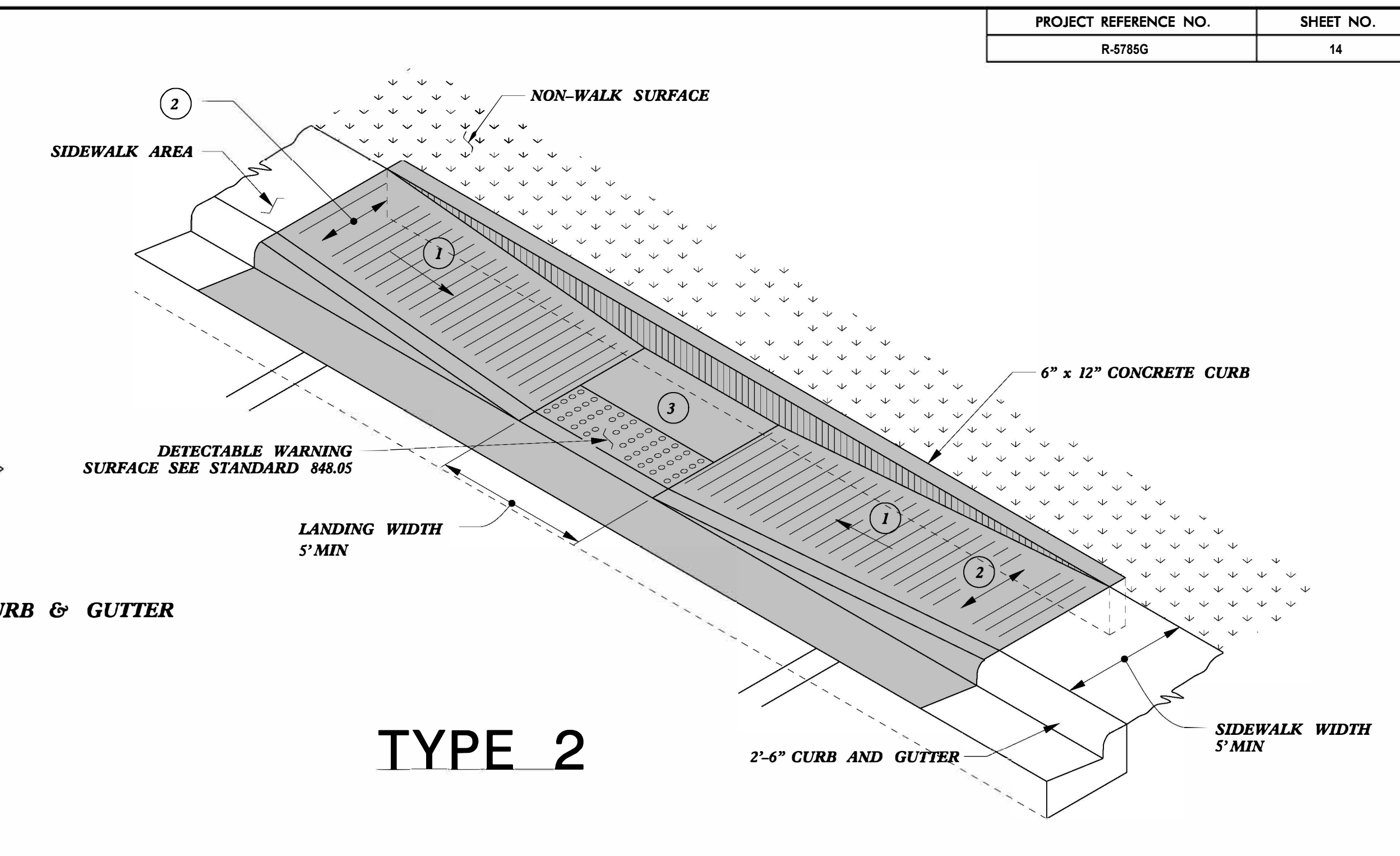
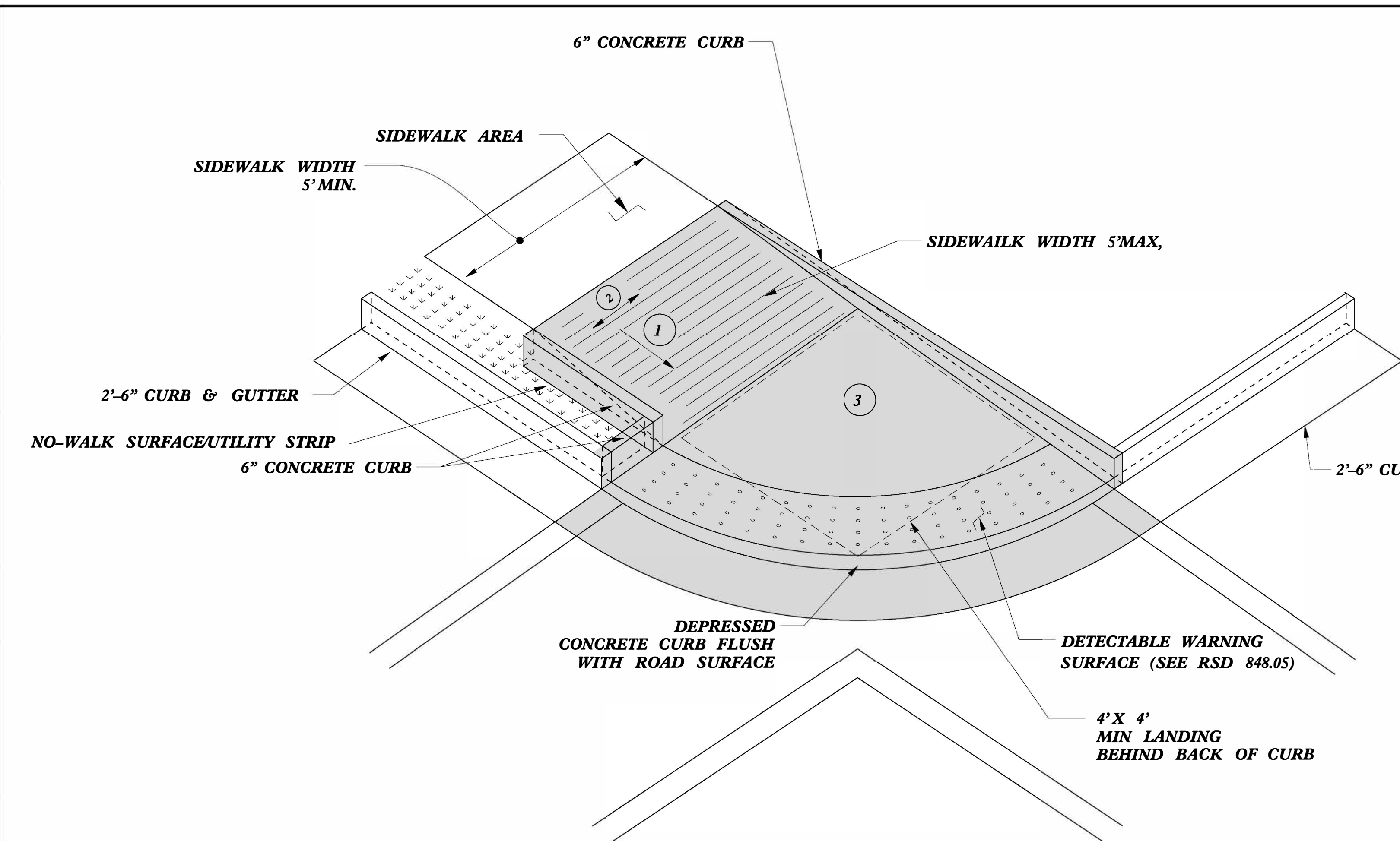
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**CURB RAMPS**  
Directional Ramps

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 MODIFIED BY: DATE:  
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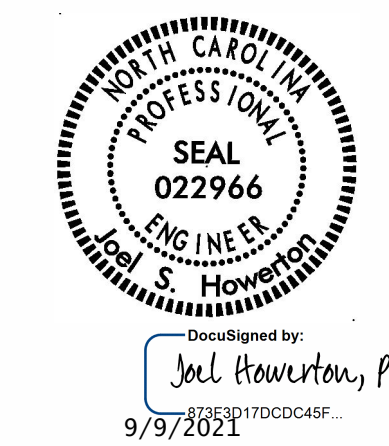
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- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

PAY LIMITS FOR 1 CURB RAMP



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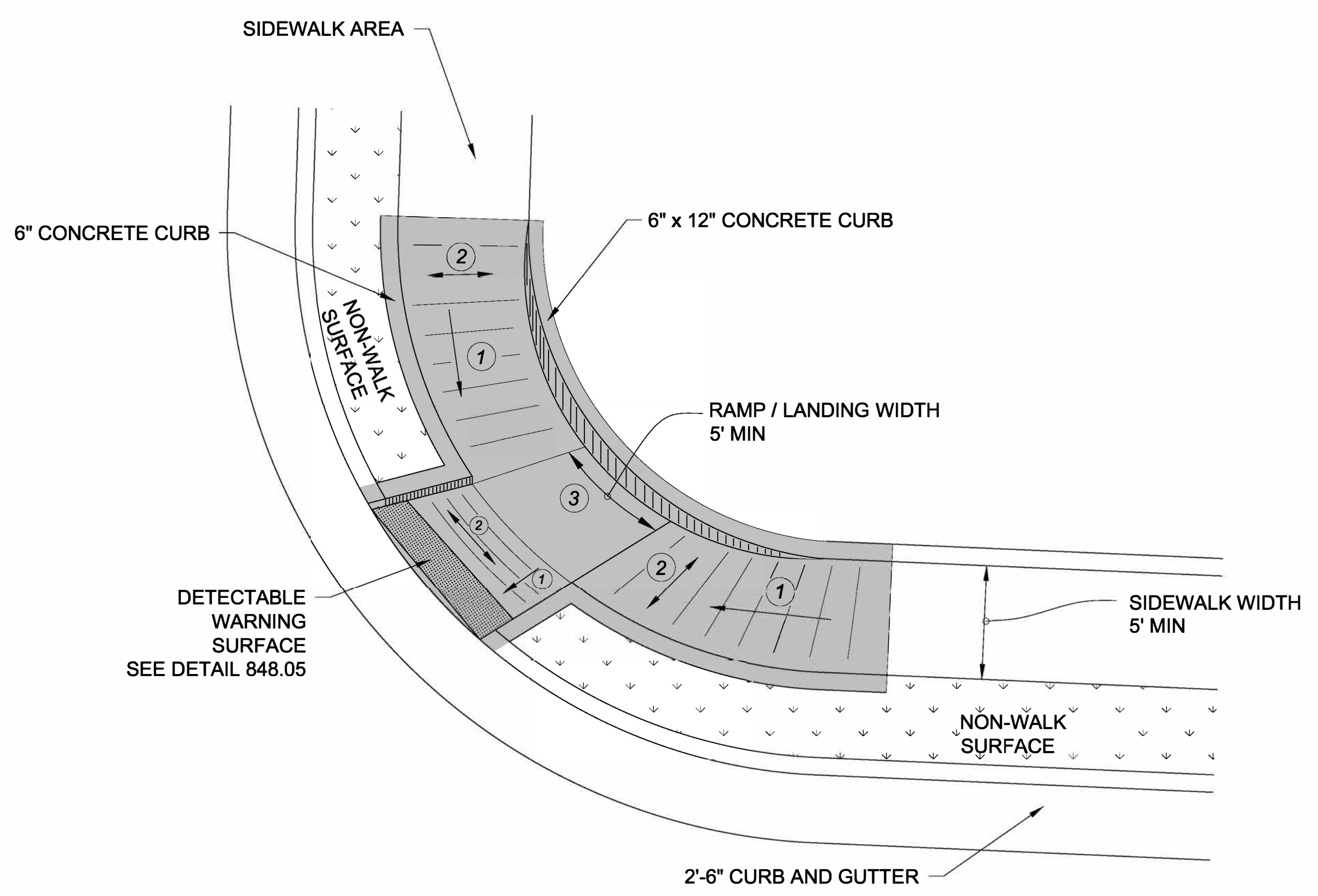
**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
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**CURB RAMPS**

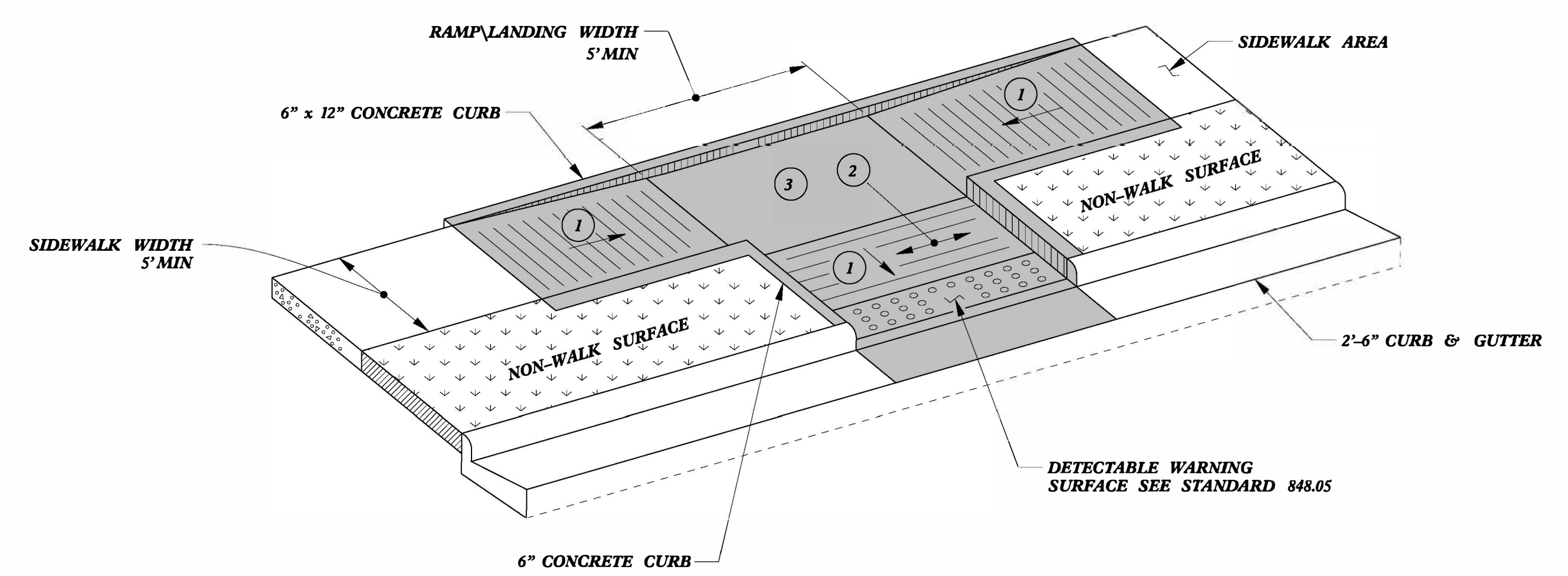
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**PAY LIMITS FOR 1 CURB RAMP**



**TYPE 3 MODIFIED  
INSTALLATION IN A RADIUS**



**TYPE 3**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.

DocuSigned by:  
**Joel Howerton, PE**  
 8793917DDC45F...  
 9/9/2021

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**CONTRACT STANDARDS  
AND DEVELOPMENT UNIT**

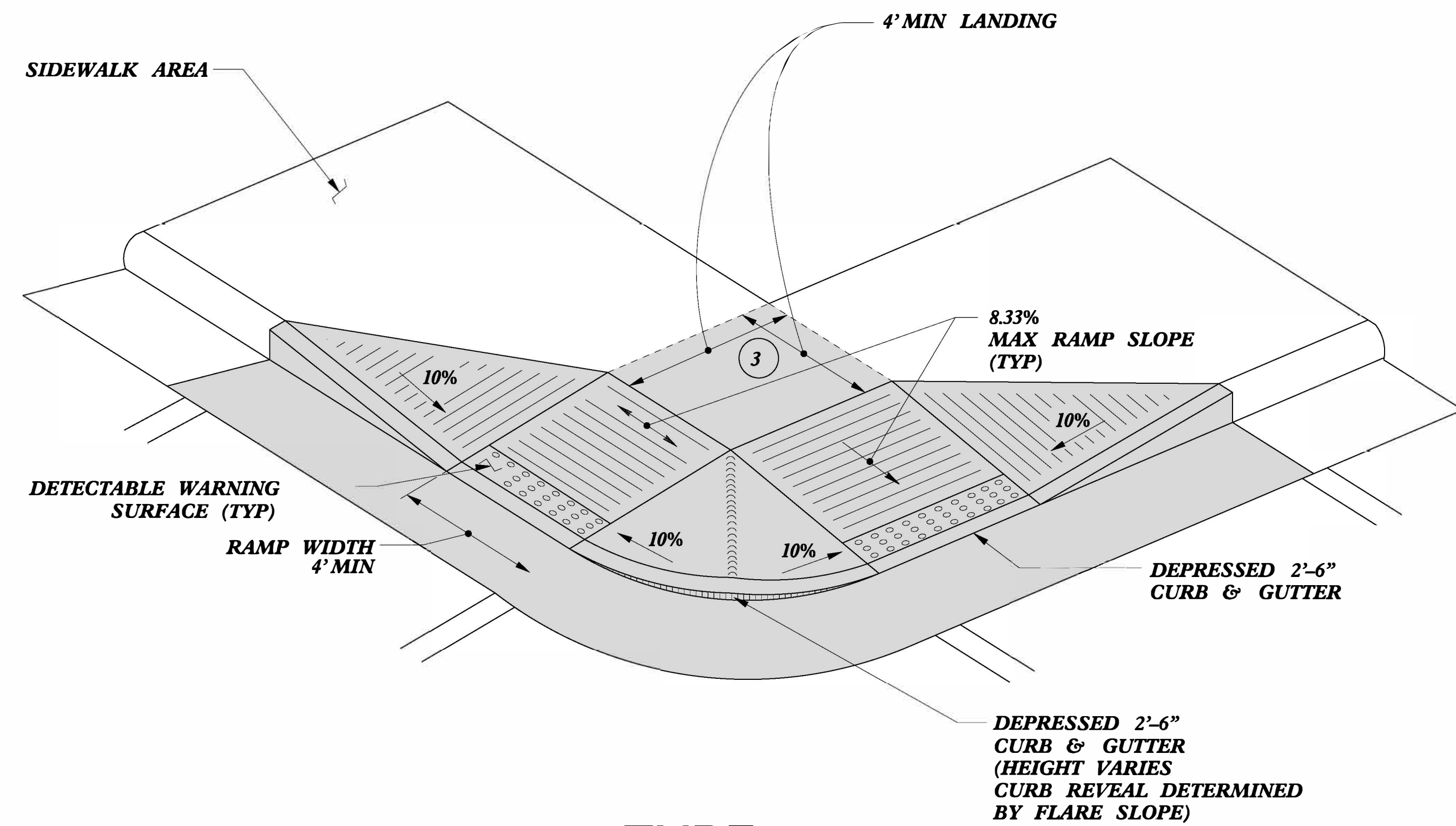
Office 919-707-6950 FAX 919-250-4119

**CURB RAMPS**

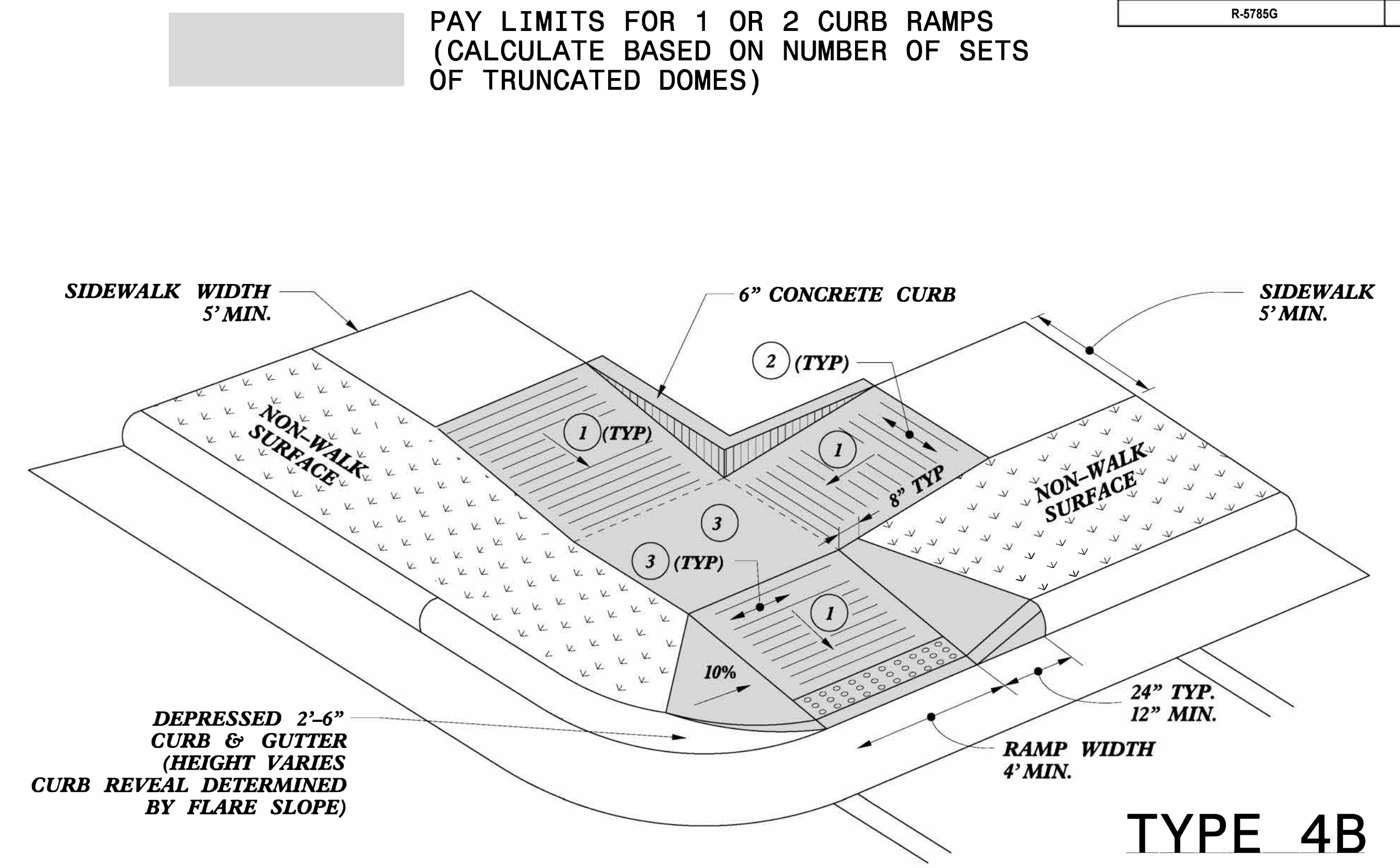
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5/14/99  
 CURB RAMPS  
 15

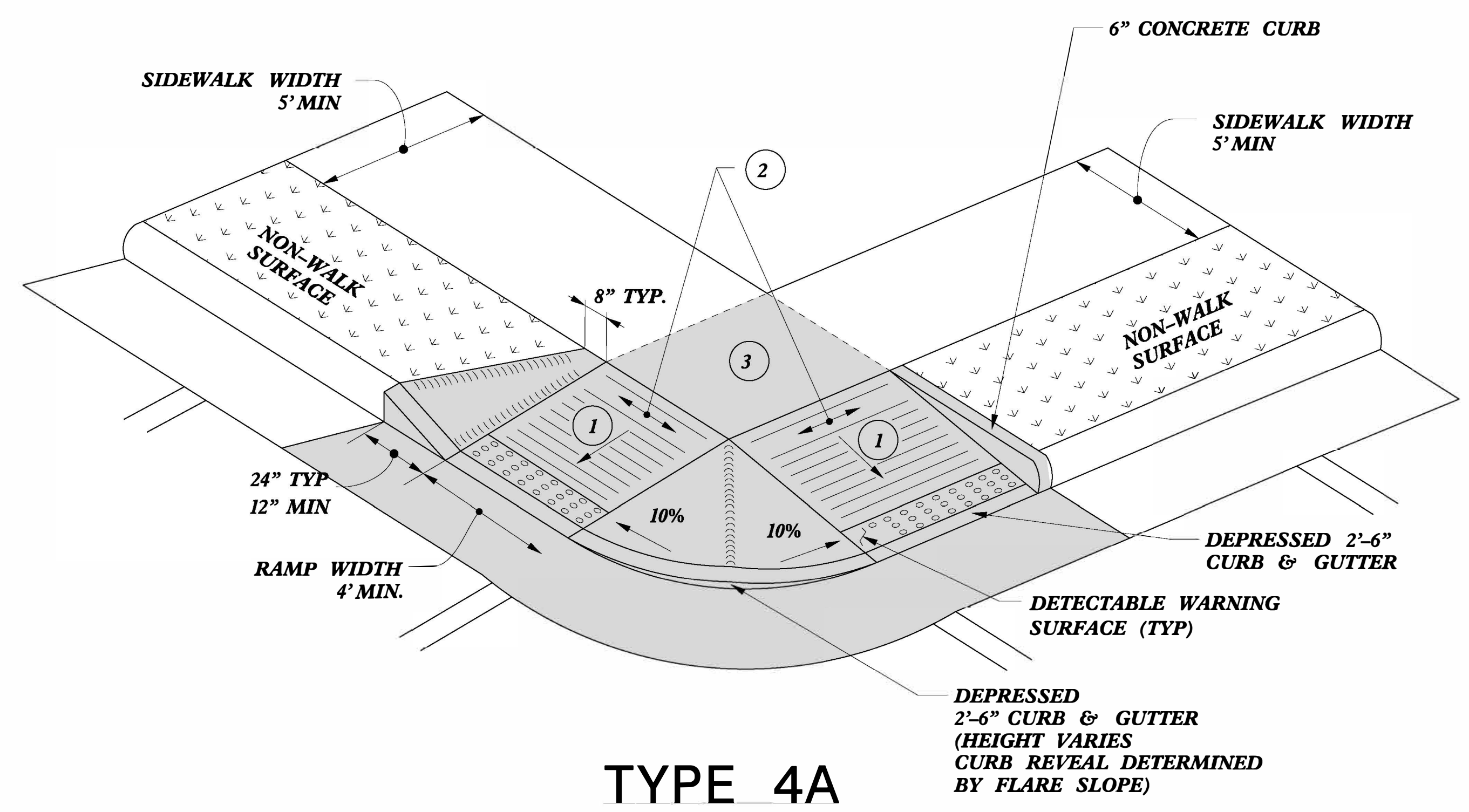




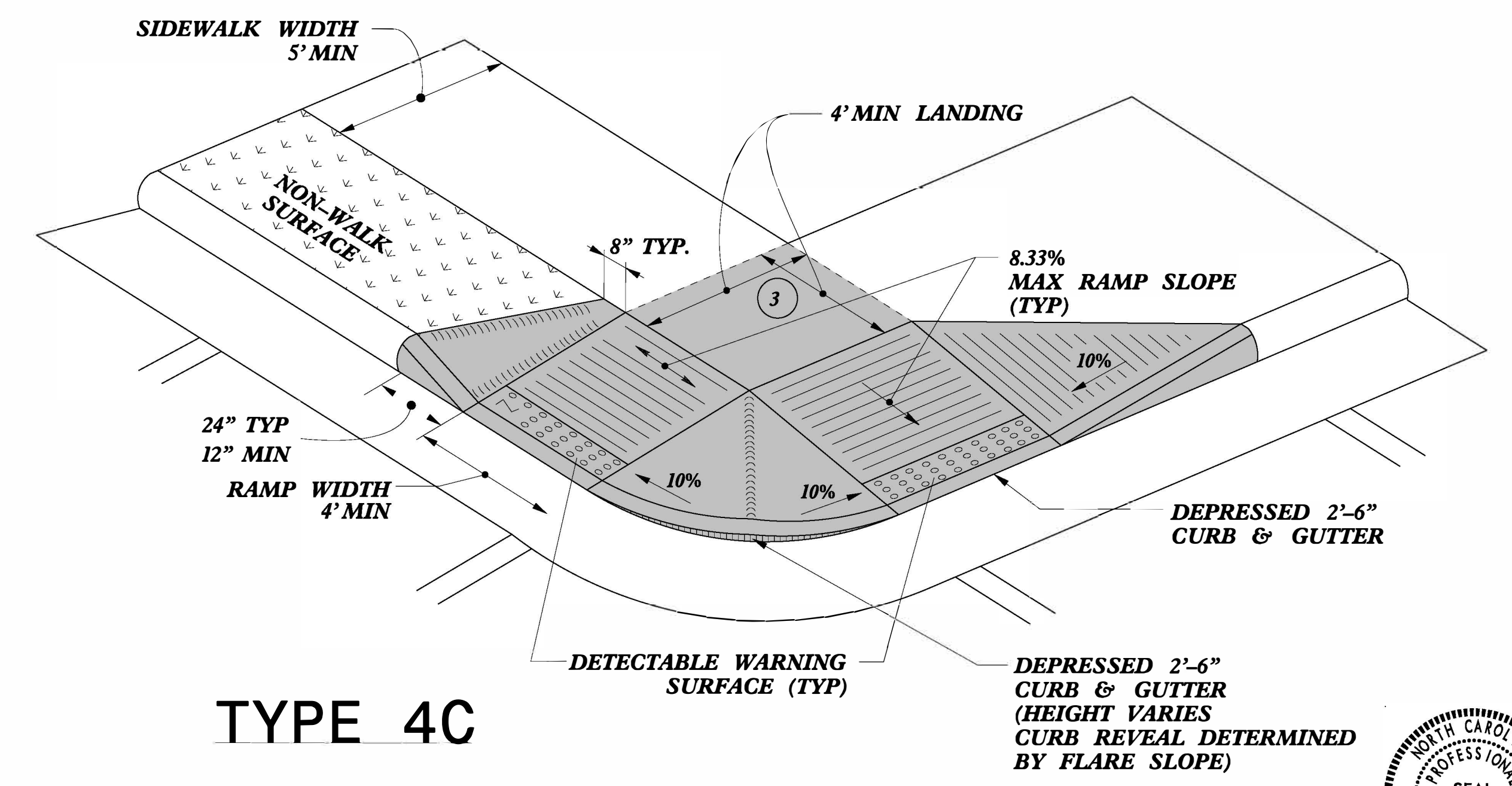
TYPE 4



TYPE 4B



TYPE 4A



TYPE 4C

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
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**CURB RAMPS**

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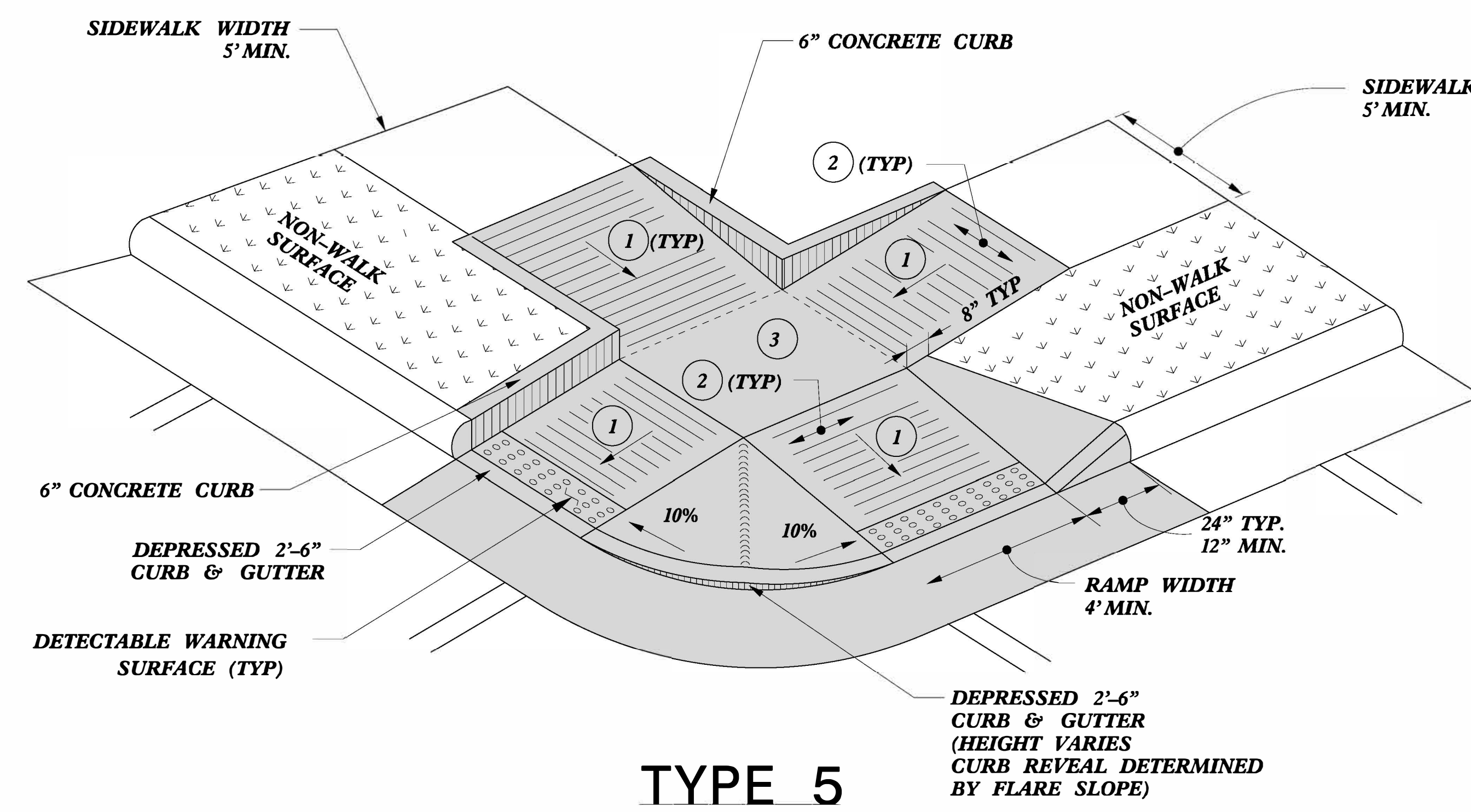
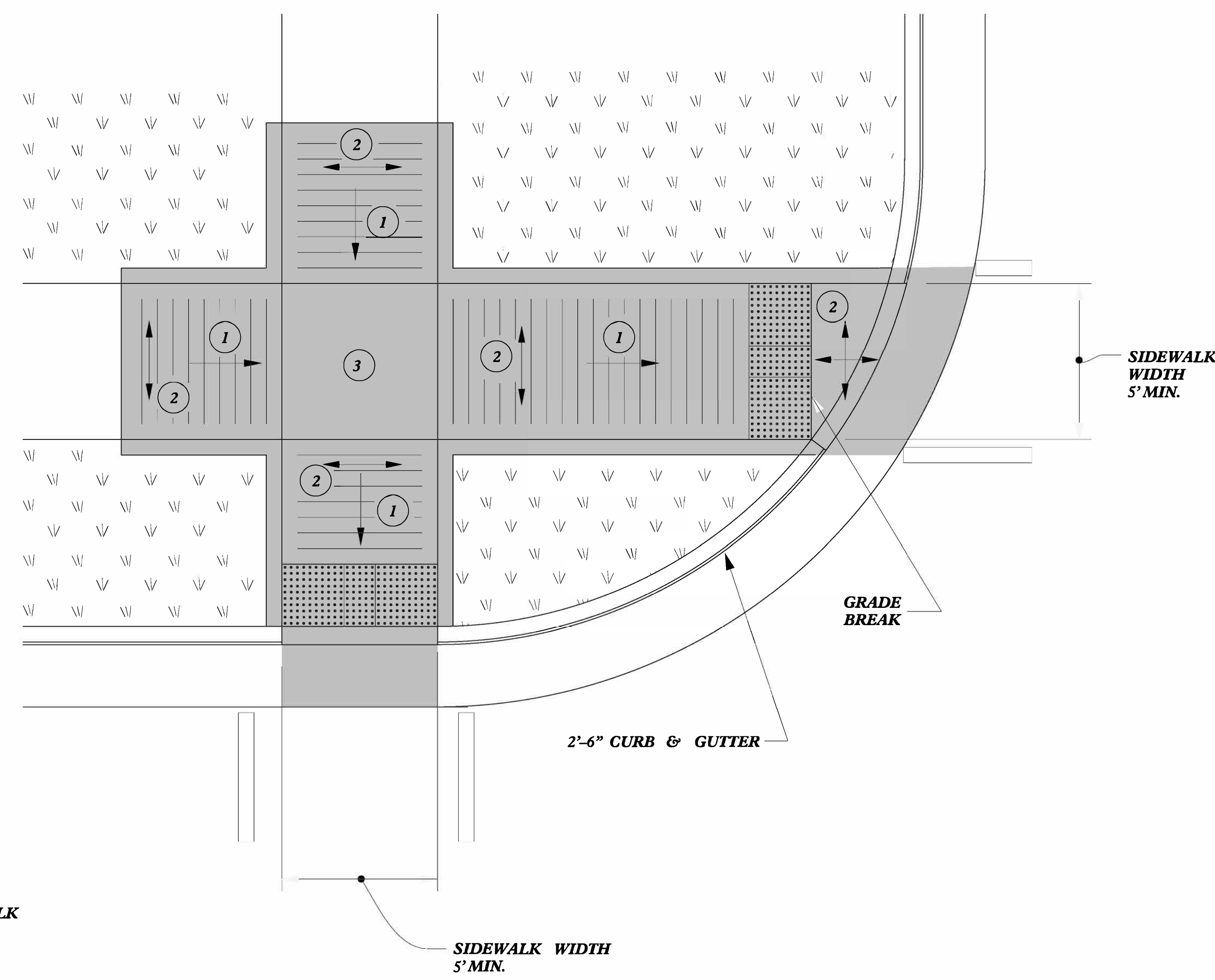
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5/14/99



5/14/99

**PAY LIMITS FOR 1 OR 2 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF SETS  
OF TRUNCATED DOMES)**



**TYPE 5A**

**TYPE 5**

- 1 8.33% (12:1) MAX RAMP SLOPE
- 2 CROSS SLOPE: 2.00%
- 3 CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 2.00% WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.



DocuSigned by:  
Joel Howerton, PE  
9/9/2021

**CONTRACT STANDARDS  
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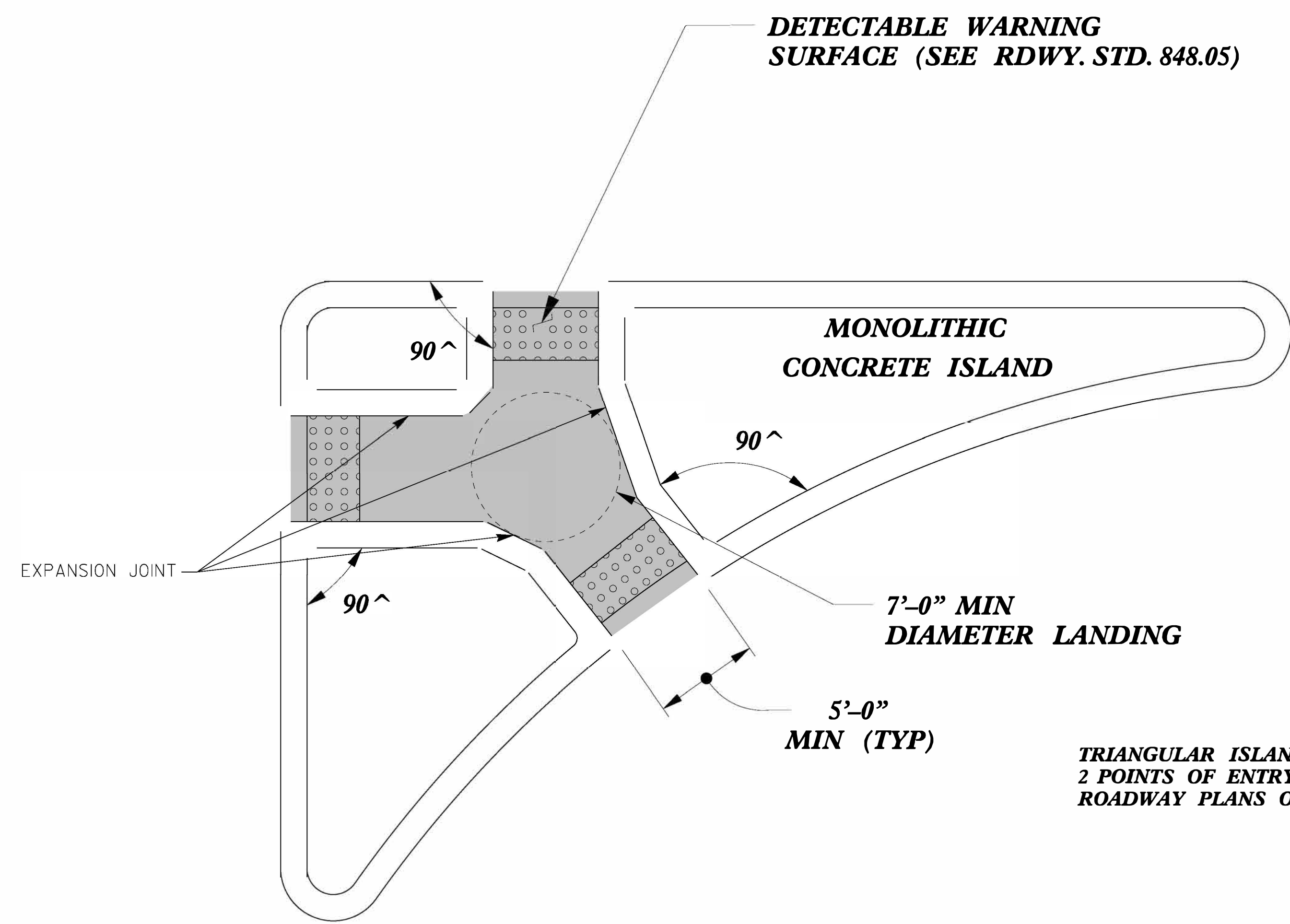
**CURB RAMPS**

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

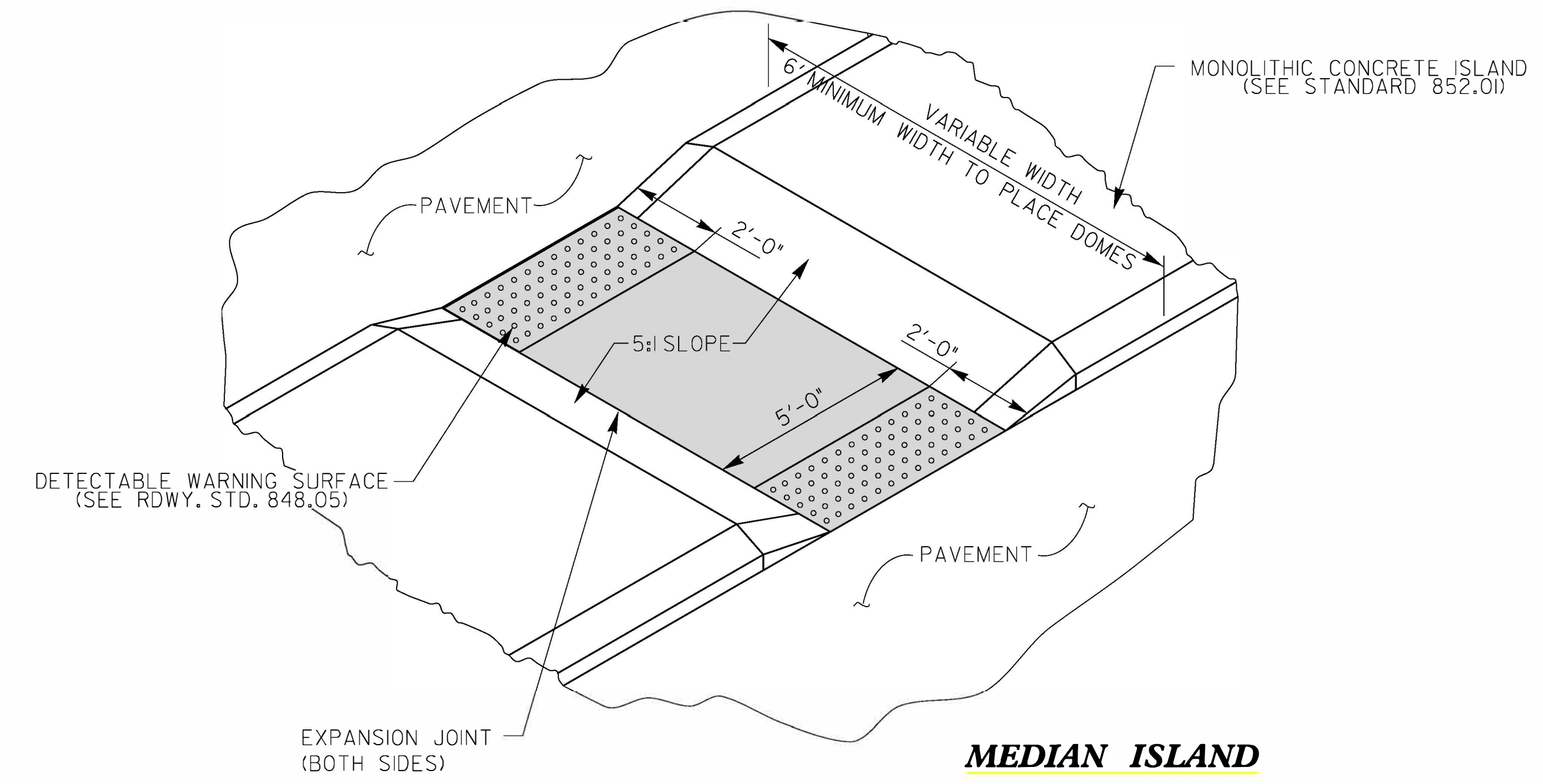
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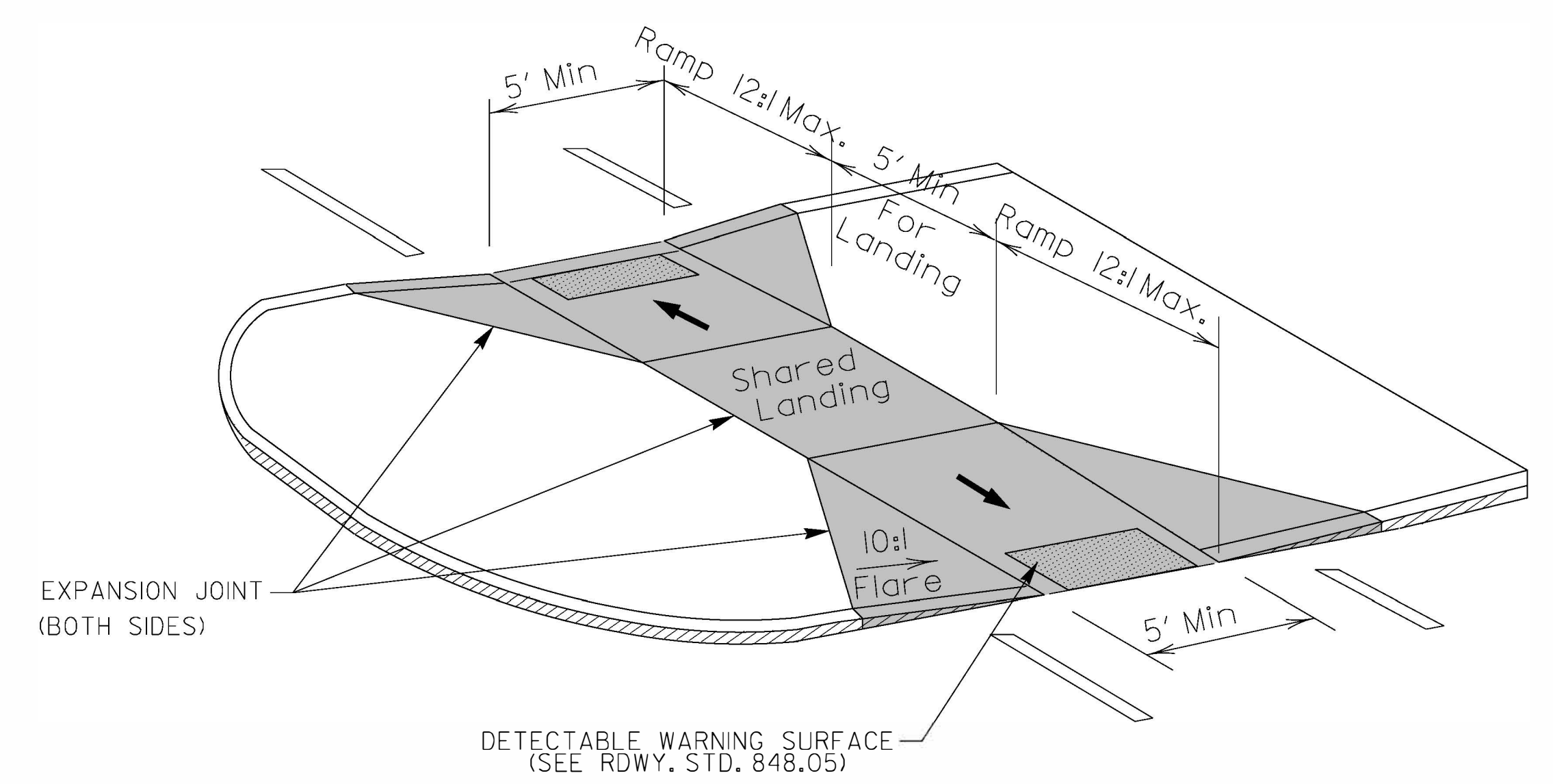


**PAY LIMITS FOR 2 OR 3 CURB RAMPS  
(CALCULATE BASED ON NUMBER OF  
SETS OF TRUNCATED DOMES)**

**TRIANGULAR ISLAND  
WITH CUT THROUGH  
TYPE 6**



**MEDIAN ISLAND  
WITH CUT THROUGH  
TYPE 7**



**MEDIAN ISLAND  
CURB RAMPS  
TYPE 8**

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AND DEVELOPMENT UNIT**  
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**CURB RAMPS**  
Median or Turn Lane Islands

ORIGINAL BY: J.S. HOWERTON DATE: 7/7/11  
 MODIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
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5/14/99