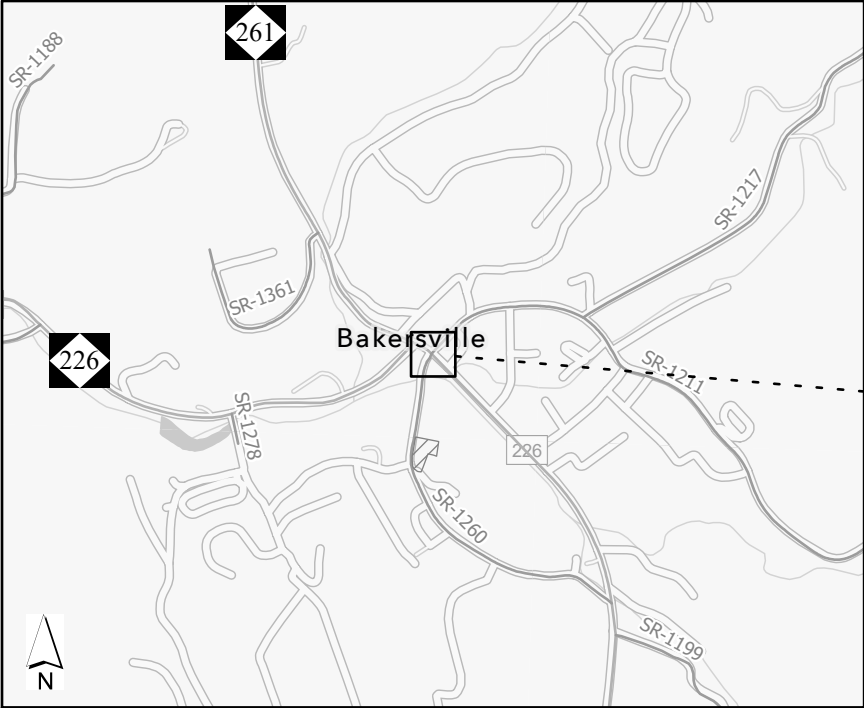


Map 1 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 1

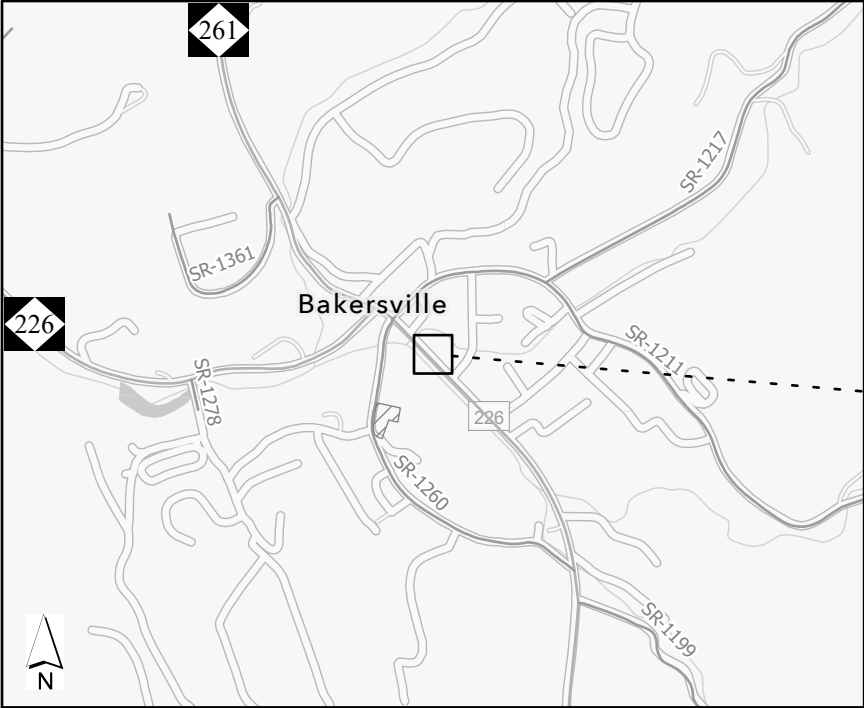


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
M68	Mitchell	NC 226 (Crimson Laurel Way)	Mitchell County Historical Society	36.01542719	-82.158647
M67	Mitchell	NC 226 (Crimson Laurel Way)	103 Crimson Laurel Way	36.01533065	-82.158702
M89	Mitchell	NC 226 (Crimson Laurel Way)	23 Crimson Laurel Way	36.01503553	-82.158059
M90	Mitchell	NC 226 (Crimson Laurel Way)	33 Crimson Laurel Way	36.01492488	-82.157918

Division	County	Municipality	Ramp ID	Latitude	Longitude	ASPHALT PLANT MIX, PAVEMENT REPAIR (TONS)	6" CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	Mitchell	Bakersville	M67	36.015331	-82.158702			1	10	15		
			M68	36.015427	-82.158647			1	10	15	15	
			M89	36.015036	-82.158059	2	15		15	20	10	
			M90	36.014925	-82.157918	2	15		30	10		
						4	30	2	65	60	25	

*The above space is reserved for project quantities.

Map 2 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 2

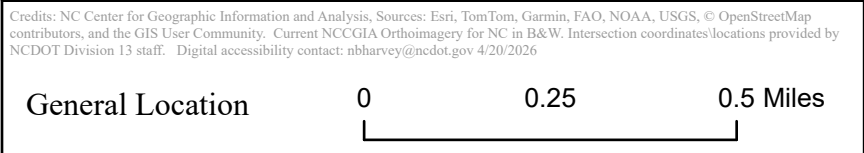
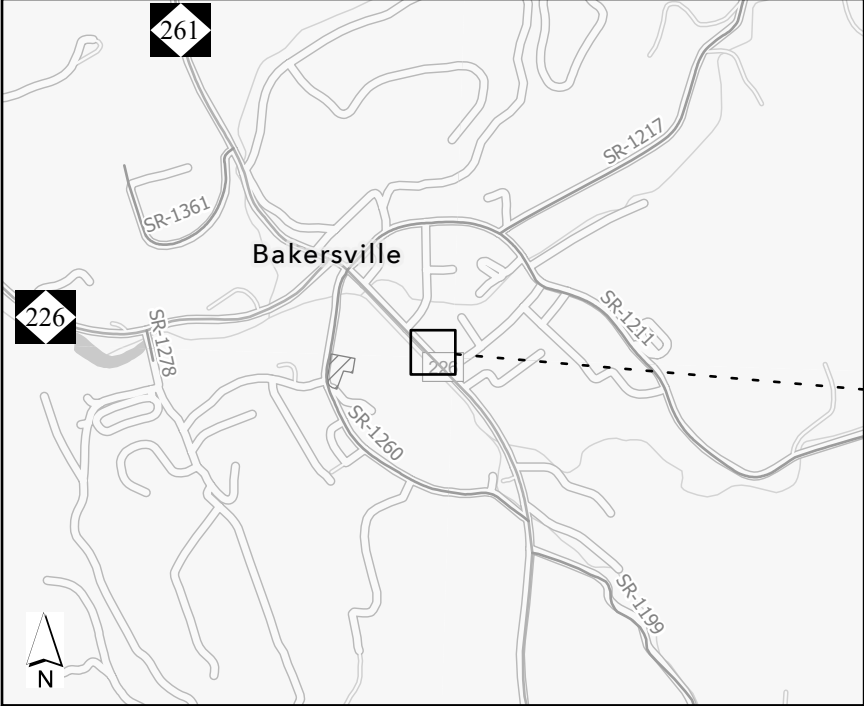


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
M91	Mitchell	NC 226 (Crimson Laurel Way)	Bakersville Auto Parts	36.01470601	-82.157536
M92	Mitchell	NC 226 (Crimson Laurel Way)	D&S Propane	36.01461057	-82.157516
M93	Mitchell	NC 226 (Crimson Laurel Way)	Marathon Entrance	36.01443324	-82.157307
M107	Mitchell	NC 226 (Crimson Laurel Way)	Henline Hughes Funeral Home	36.01430202	-82.157126

Division	County	Municipality	Ramp ID	Latitude	Longitude	ASPHALT PLANT MIX, PAVEMENT REPAIR (TONS)	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	ADJUSTMENT OF MANHOLES (EA)	NOTES
13	Mitchell	Bakersville	M91	36.014706	-82.157536	2	25	25	15	10		
			M92	36.014611	-82.157516	4	61	61	15	10	1	
			M93	36.014433	-82.157307	2	30	30	18	30		
			M107	36.014302	-82.157126	5	10	10	17	30		
						13	126	126	65	80	1	

*The above space is reserved for project quantities.

Map 3 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



- ADA Curb Ramp, Construct (New)
- ADA Curb Ramp, Remove
- ADA Curb Ramp, Upgrade

- Driveway, Construct (New)
- Driveway, Remove
- Driveway, Upgrade

NC HPO Historic Districts

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 3

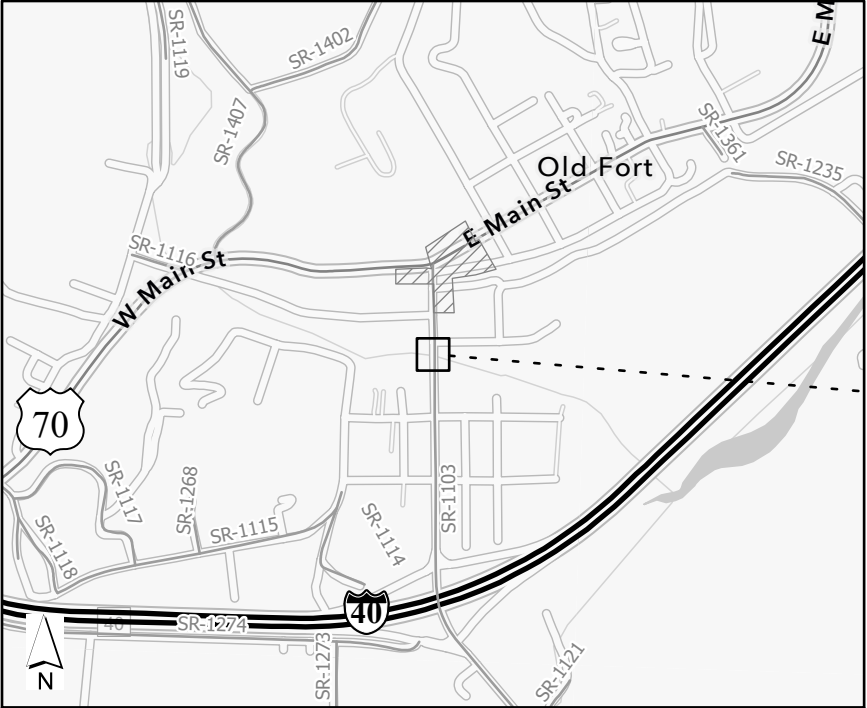


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
M15	Mitchell	NC 226 (Crimson Laurel Way)	Abandoned Gas Station	36.0139235	-82.156635
M16	Mitchell	NC 226 (Crimson Laurel Way)	Mitchell County Mobile Command	36.01381723	-82.156502
M17	Mitchell	NC 226 (Crimson Laurel Way)	Mitchell County Mobile Command	36.01371559	-82.156373
M18	Mitchell	NC 226 (Crimson Laurel Way)	Mitchell County Parks And Rec	36.01358096	-82.156201
M19	Mitchell	NC 226 (Crimson Laurel Way)	Exxon Entrance	36.01348441	-82.15608
M20	Mitchell	NC 226 (Crimson Laurel Way)	Exxon Entrance	36.01337919	-82.155953

Division	County	Municipality	Ramp ID	Latitude	Longitude	ASPHALT PLANT MIX, PAVEMENT REPAIR (TONS)	2' 6" CURB & GUTTER (LF)	4" CONCRETE SIDEWALK (SY)	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	Mitchell	Bakersville	M15	36.013924	-82.156635	4			30	30	12	10	
			M16	36.013817	-82.156018		10		30	30	10		
			M17	36.013716	-82.156373		10	12	30	30			
			M18	36.013581	-82.156201	4			30	30	12	10	
			M19	36.013484	-82.156080	3			30	30	15		
			M20	36.013379	-82.155953	3			30	30	15		
						14	20	12	180	180	64	20	

*The above space is reserved for project quantities.

Map 4 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)
- ADA Curb Ramp,Remove
- ADA Curb Ramp,Upgrade
- Driveway, Construct (New)
- Driveway, Remove
- Driveway, Upgrade
- NC HPO Historic Districts

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 4

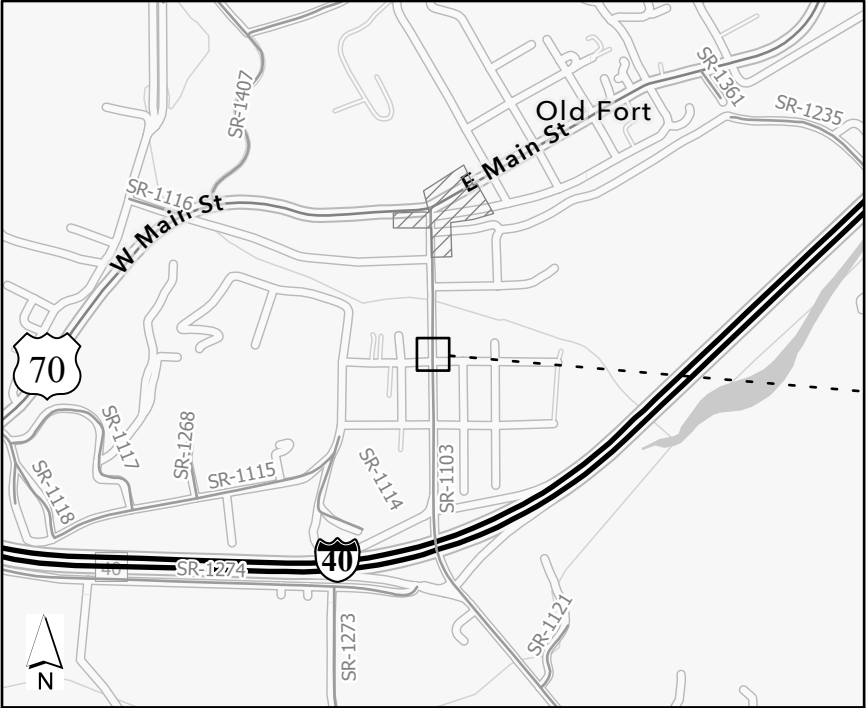


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC14	McDowell	Catawba Ave (SR 1103)	Water ST.	35.627631	-82.181159
MC32	McDowell	Catawba Ave (SR 1103)	118 Catawba Ave.	35.62726199	-82.181348

Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC14	35.627631	-82.181159		1		10	15	
			MC32	35.627262	-82.181348	25		25			
						25	1	25	10	15	

*The above space is reserved for project quantities.

Map 5 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 5

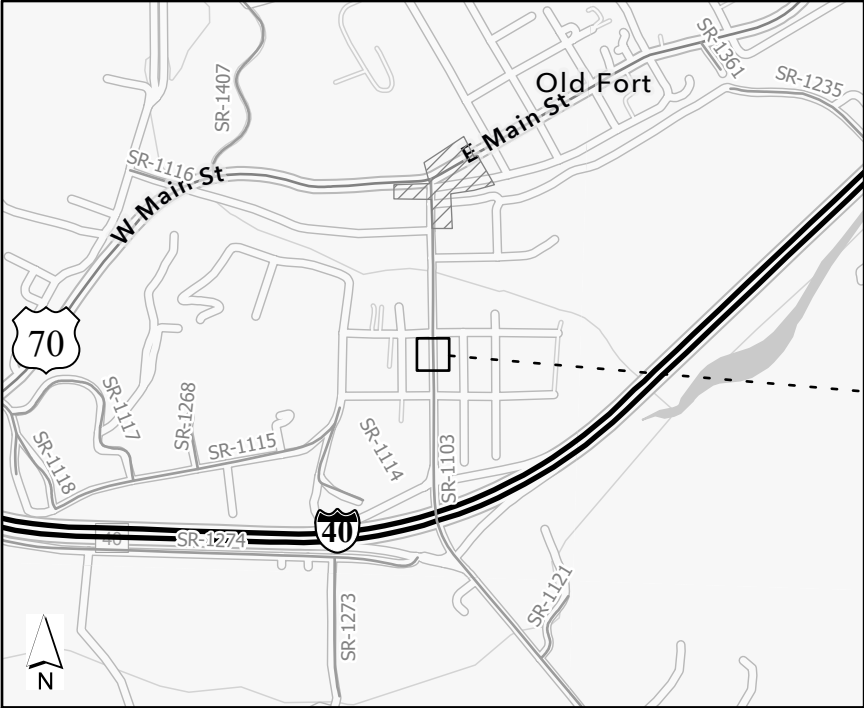


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC30	McDowell	Catawba Ave (SR 1103)	Whaley Farm Brewery	35.62653893	-82.18131
MC82	McDowell	Catawba Ave (SR 1103)	E Mitchell ST.	35.62619314	-82.181289

Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC30	35.626539	-82.181310	20		20	8	15	
			MC82	35.626193	-82.181289		1		13	13	
						20	1	20	21	28	

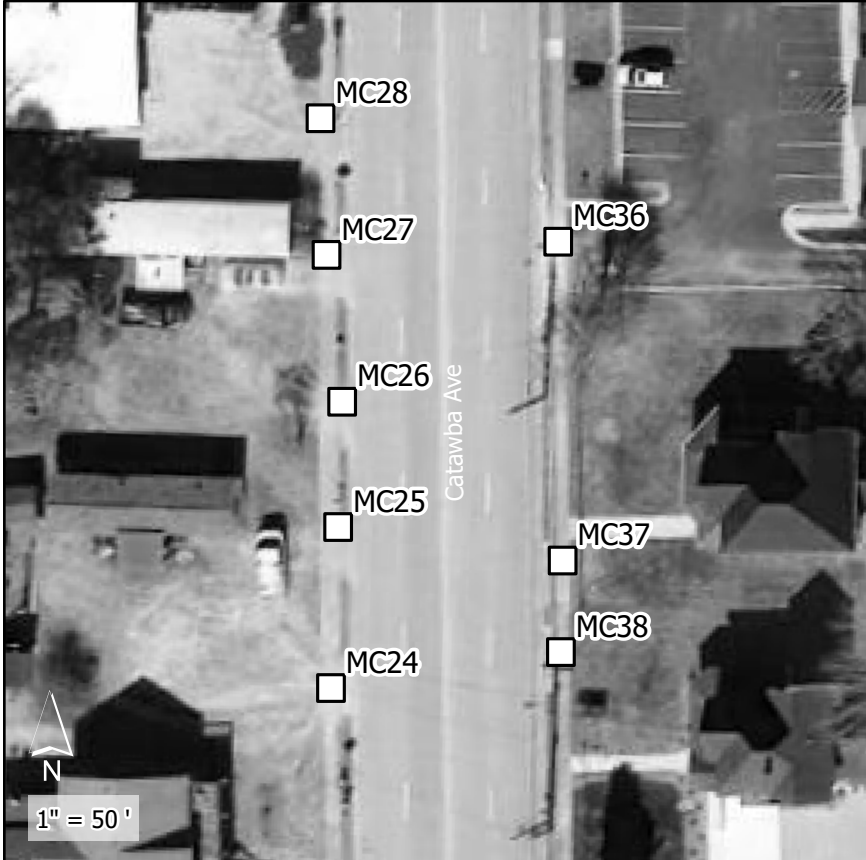
*The above space is reserved for project quantities.

Map 6 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade
- Driveway , Construct (New)

Driveway, Remove

Driveway, Upgrade
- NC HPO Historic Districts

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 6

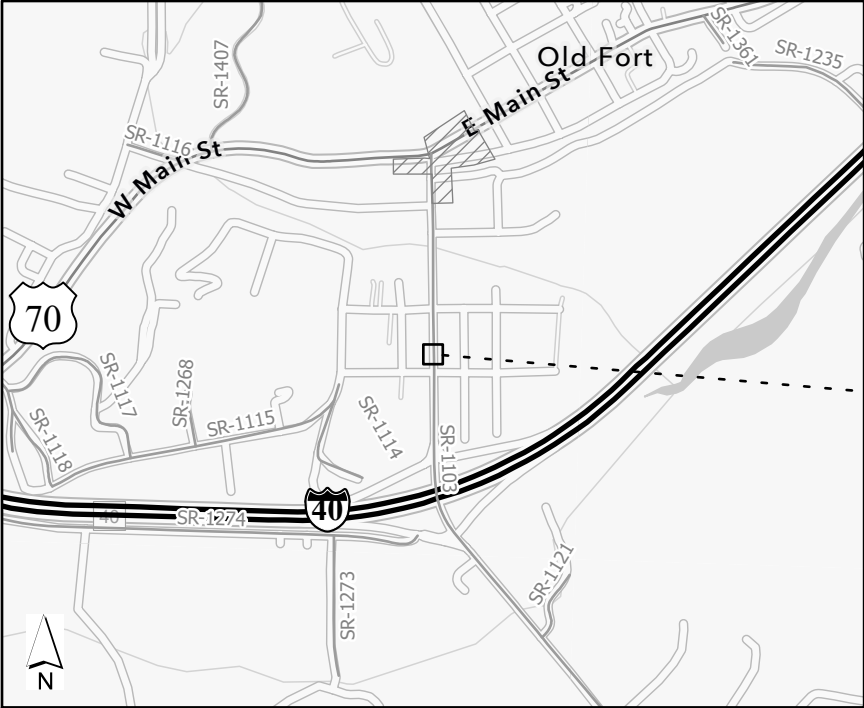


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC28	McDowell	Catawba Ave (SR 1103)	214 Catawba Ave.	35.62605268	-82.18129
MC36	McDowell	Catawba Ave (SR 1103)	Self Help Credit Union	35.62596984	-82.181078
MC27	McDowell	Catawba Ave (SR 1103)	216 Catawba Ave.	35.6259551	-82.181281
MC26	McDowell	Catawba Ave (SR 1103)	230 Catawba Ave.	35.62585045	-82.181263
MC25	McDowell	Catawba Ave (SR 1103)	Catawba Ave.	35.62576075	-82.181263
MC37	McDowell	Catawba Ave (SR 1103)	Homeowner Driveway	35.62574194	-82.181066
MC38	McDowell	Catawba Ave (SR 1103)	Graybeard Reality Yard	35.62567644	-82.181065
MC24	McDowell	Catawba Ave (SR 1103)	250 Catawba Ave.	35.62564545	-82.181265

Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC24	35.625645	-82.181265	13	10	8	15	
			MC25	35.625761	-82.181263	13	13	7	15	
			MC26	35.625850	-82.181263	12	10	8	15	
			MC27	35.625955	-82.181281	10	10	8	15	
			MC28	35.626053	-82.181290	13	10	8	15	
			MC36	35.625970	-82.181078	25	30	20	30	
			MC37	35.625742	-82.181066	18	18	8	15	
			MC38	35.625676	-82.181065	20	20	8	10	
						124	121	75	130	

*The above space is reserved for project quantities.

Map 7 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade
- NC HPO Historic Districts

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 7

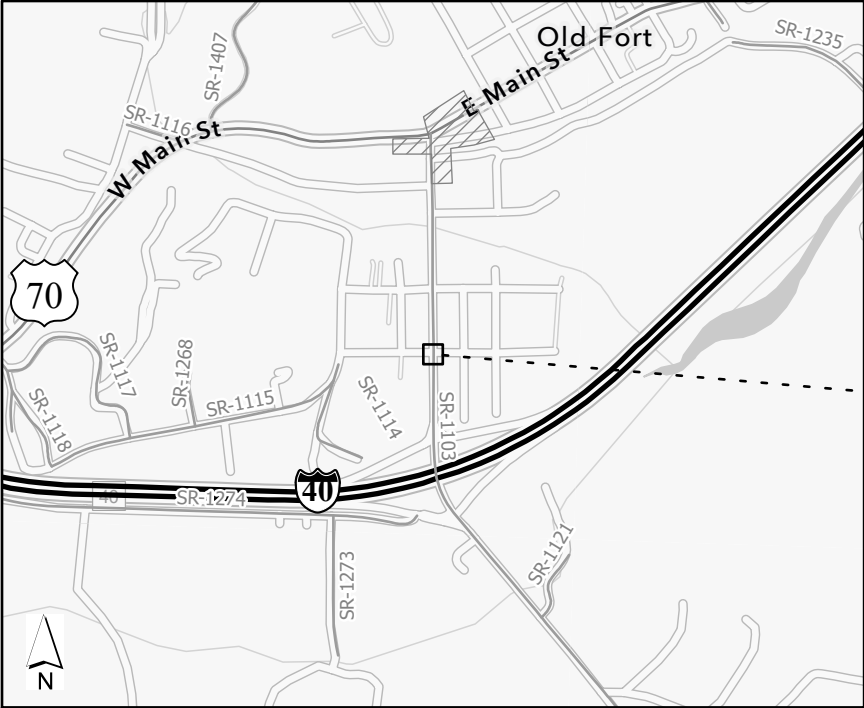


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC23	McDowell	Catawba Ave (SR 1103)	262 Catawba Ave.	35.62542652	-82.181246

Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC23	35.625427	-82.181246	27	10	8	15	
						27	10	8	15	

*The above space is reserved for project quantities.

Map 8 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 8

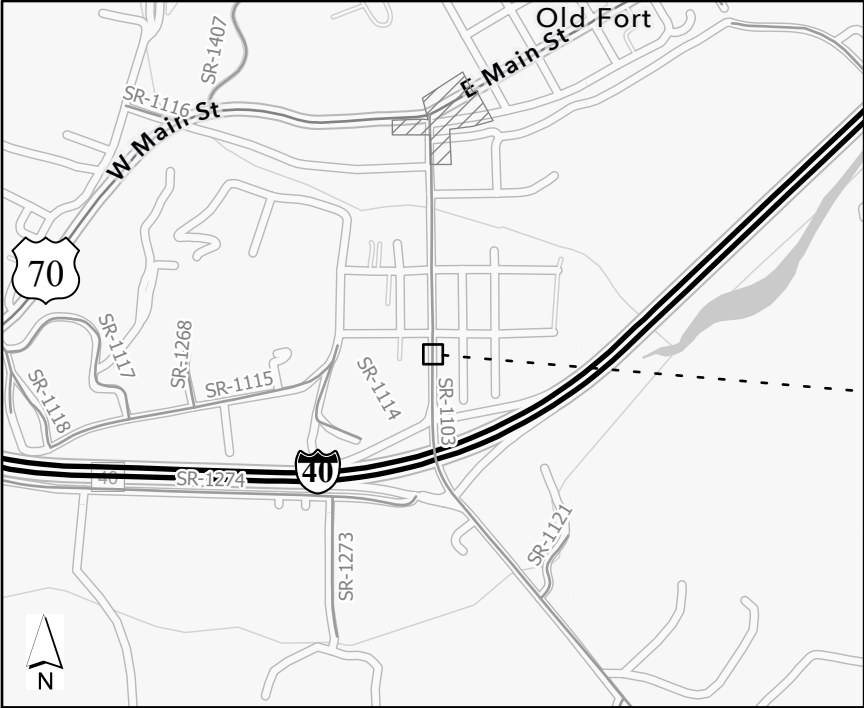


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC10	McDowell	Catawba Ave (SR 1103)	E Crawford ST.	35.625095	-82.181041
MC40	McDowell	Catawba Ave (SR 1103)	Hardee's Driveway	35.62488937	-82.181024

Division	County	Municipality	Ramp ID	Latitude	Longitude	CONCRETE CURB RAMP (EA)	6" CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC40	35.624889	-82.181024		20		20	8	15	
			MC10	35.625095	-82.181041	1		1		10		
						1	20	1	20	18	15	

*The above space is reserved for project quantities.

Map 9 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
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Sheet 9



Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC90	McDowell	Catawba Ave (SR 1103)	Sheaffers Tire Shop	35.62472903	-82.18121
MC92	McDowell	Catawba Ave (SR 1103)	Homeowner Driveway	35.62463118	-82.181206
MC41	McDowell	Catawba Ave (SR 1103)	Hardee's Driveway	35.624554	-82.18099

Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	McDowell	Old Fort	MC41	35.624554	-82.180990	20	20	8	15	
			MC90	35.624729	-82.181210	20	20			
			MC92	35.624631	-82.181206	20	20			
						60	60	8	15	

*The above space is reserved for project quantities.

Map 10 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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General Location 0 0.25 0.5 Miles



- ADA Curb Ramp,Construct (New)

ADA Curb Ramp,Remove

ADA Curb Ramp,Upgrade

NC HPO Historic Districts
- Driveway, Construct (New)

Driveway, Remove

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 10



Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
MC93	McDowell	Catawba Ave (SR 1103)	Church Driveway	35.62421563	-82.181195
MC42	McDowell	Catawba Ave (SR 1103)	Homeowner Driveway	35.624178	-82.18099

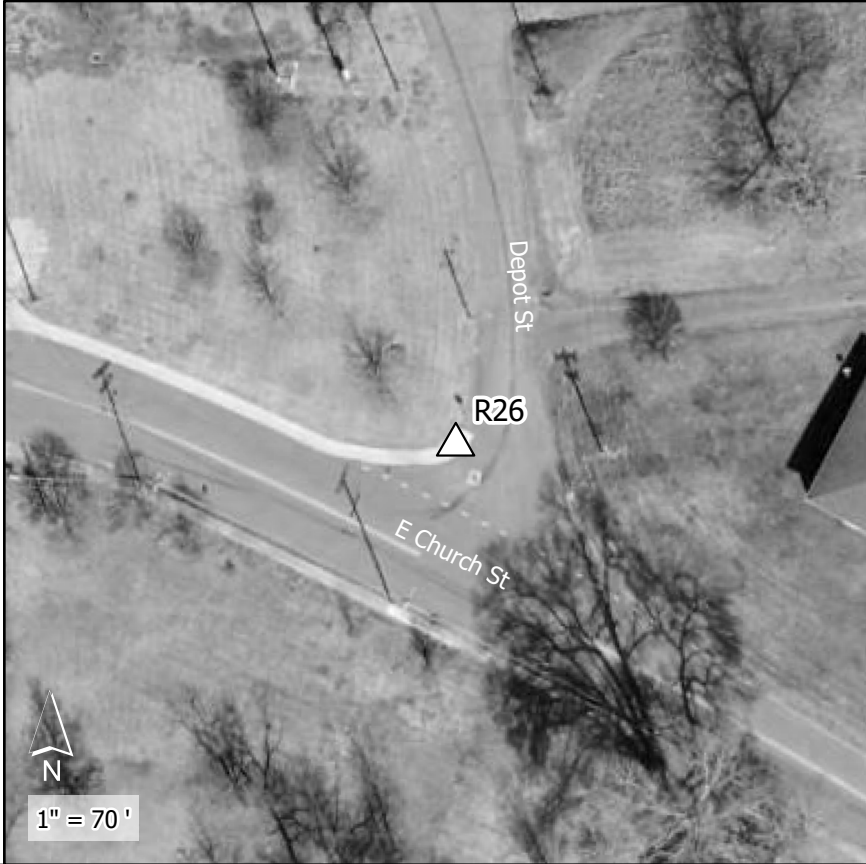
Division	County	Municipality	Ramp ID	Latitude	Longitude	6" CONCRETE DRIVEWAY (SY)	REMOVE CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	ADJUSTMENT OF METER BOXES OR VALVE BOXES (EA)	NOTES
13	McDowell	Old Fort	MC42	35.624178	-82.180990	20	20	8	15	1	
			MC93	35.624216	-82.181195	30	30	20	30		
						50	50	28	45	1	

*The above space is reserved for project quantities.

Map 11 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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- ▲

ADA Curb Ramp,Construct (New)

▲

ADA Curb Ramp,Remove

△

ADA Curb Ramp,Upgrade

▨

NC HPO Historic Districts
- ▣

Driveway, Construct (New)

▣

Driveway, Remove

□

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 11

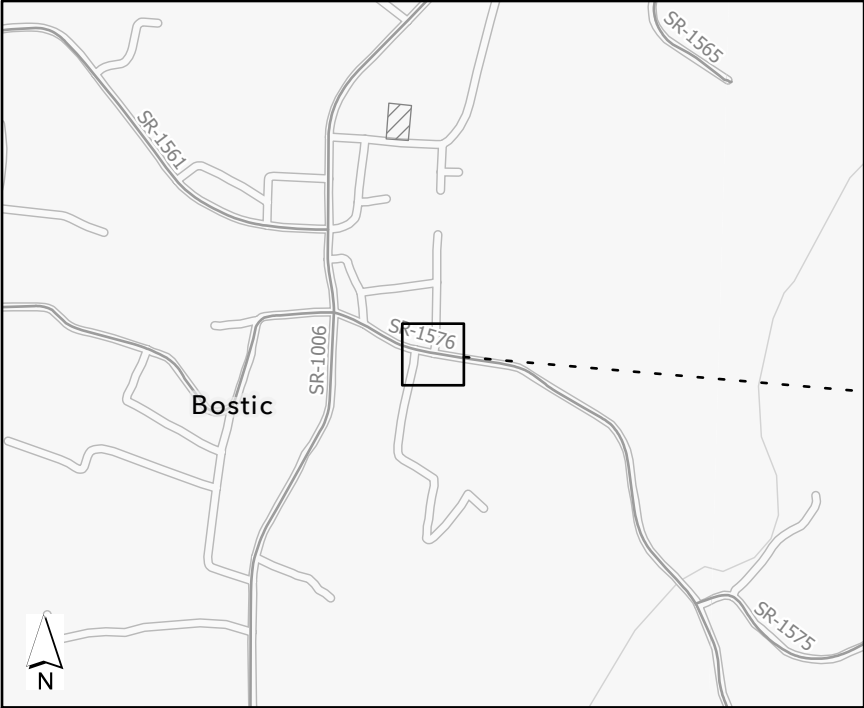


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
R26	Rutherford	Bostic Sunshine Hwy (N Main St)	Depot ST	35.3611723	-81.834985

Division	County	Municipality	Ramp ID	Latitude	Longitude	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	Rutherford	Bostic	R26	35.361172	-81.834985	1	10	15	
						1	10	15	

*The above space is reserved for project quantities.

Map 12 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



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- ▲

ADA Curb Ramp,Construct (New)

▲

ADA Curb Ramp,Remove

△

ADA Curb Ramp,Upgrade

▨

NC HPO Historic Districts
- ▣

Driveway, Construct (New)

▣

Driveway, Remove

□

Driveway, Upgrade

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 12

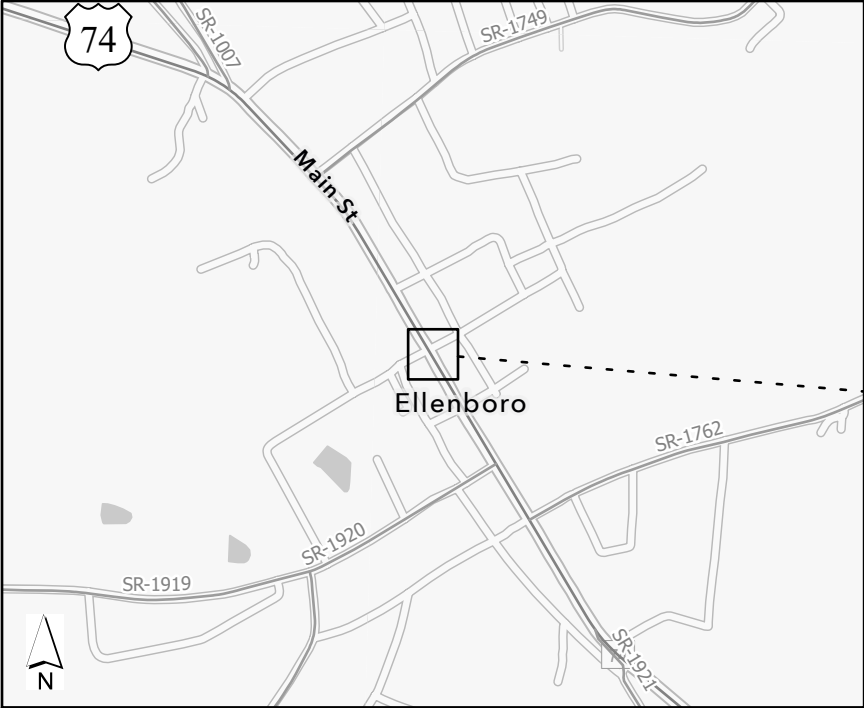


Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
R27	Rutherford	SR 1576 (E Church St)	Lattimore ST	35.3604975	-81.833644
R28	Rutherford	SR 1576 (E Church St)	Lattimore ST	35.36048095	-81.833541
R29	Rutherford	SR 1576 (E Church St)	Across From Walker ST	35.36040305	-81.833043
R30	Rutherford	SR 1576 (E Church St)	First Baptist Church	35.36036563	-81.832662

Division	County	Municipality	Ramp ID	Latitude	Longitude	CONCRETE CURB RAMP (EA)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	NOTES
13	Rutherford	Bostic	R27	35.360498	-81.833644		1	10	15	
			R28	35.360481	-81.833541		1	10	15	
			R29	35.360403	-81.833043		1	10	15	
			R30	35.360366	-81.832662	1		20		
						1	3	50	45	

*The above space is reserved for project quantities.

Map 13 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



Credits: NC Center for Geographic Information and Analysis, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Current NCCGIA Orthoimagery for NC in B&W. Intersection coordinates/locations provided by NCDOT Division 13 staff. Digital accessibility contact: nbharvey@ncdot.gov 4/20/2026



- ADA Curb Ramp, Construct (New)
- ADA Curb Ramp, Remove
- ADA Curb Ramp, Upgrade
- Driveway, Construct (New)
- Driveway, Remove
- Driveway, Upgrade
- NC HPO Historic Districts

Contract# DM00516
TIP# BO-2413C
TALT5 Upgrades/Installation
WBS# 50942.3.5
FA# 5094205
Sheet 13



Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
R1	Rutherford	US 74 BUS (Main St)	Start Of Sidewalk	35.32917467	-81.759044
R2	Rutherford	US 74 BUS (Main St)	Glenn ST	35.32903116	-81.758948
R3	Rutherford	US 74 BUS (Main St)	Glenn ST	35.32901131	-81.758914
R31	Rutherford	US 74 BUS (Main St)	Save-Mart Driveway	35.32873595	-81.758687
R4	Rutherford	US 74 BUS (Main St)	Start Of Sidewalk After Driveway	35.32867242	-81.758658

Division	County	Municipality	Ramp ID	Latitude	Longitude	ASPHALT PLANT MIX, PAVEMENT REPAIR (TONS)	CONCRETE CURB RAMP (EA)	6" CONCRETE DRIVEWAY (SY)	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	REMOVE & REPLACE 2' 6" CURB & GUTTER (LF)	ADJUSTMENT OF CATCH BASINS (EA)	NOTES
13	Rutherford	Ellenboro	R1	35.329175	-81.759044				1	10	15		
			R2	35.329031	-81.758948				1	10	15		
			R3	35.329011	-81.758914				1	10	15		
			R4	35.328672	-81.758658				1	10	15	1	
			R31	35.328736	-81.758687	5	1	20					
						5	1	20	4	40	60	1	

*The above space is reserved for project quantities.

Map 14 *One or more curb ramps proposed for construction within this sheet may fall within or may be adjacent to nearby NC HPO Historic Districts



Credits: NC Center for Geographic Information and Analysis, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Current NCCGIA Orthoimagery for NC in B&W. Intersection coordinates/locations provided by NCDOT Division 13 staff. Digital accessibility contact: nbharvey@ncdot.gov 4/20/2026



1" = 80'

- ▲

ADA Curb Ramp,Construct (New)

▲

ADA Curb Ramp,Remove

△

ADA Curb Ramp,Upgrade

▨

NC HPO Historic Districts
- ▣

Driveway, Construct (New)

▣

Driveway, Remove

□

Driveway, Upgrade

Contract# DM00516

TIP# BO-2413C

TALT5 Upgrades/Installation

WBS# 50942.3.5

FA# 5094205

Sheet 14

Ramp ID	County	Major Route	Minor Route	Latitude	Longitude
Z002	Rutherford	US 74 BUS (Main St)	Byers ST	35.32794407	-81.758099
Z002	Rutherford	US 74 BUS (Main St)	Byers ST	35.32784466	-81.758037

Division	County	Municipality	Ramp ID	Latitude	Longitude	REMOVE & REPLACE CONCRETE CURB RAMPS (EA)	REMOVE & REPLACE 4" CONCRETE SIDEWALK (SY)	NOTES
13	Rutherford	Ellenboro	Z002	35.327944	-81.758099	1	15	
			Z002	35.327845	-81.758037	1	15	
						2	30	

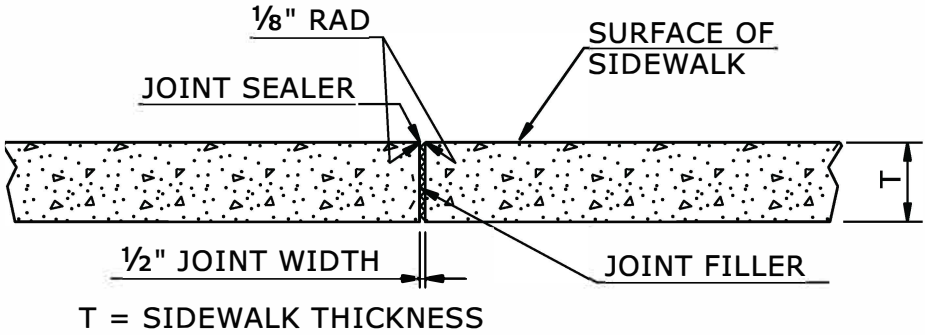
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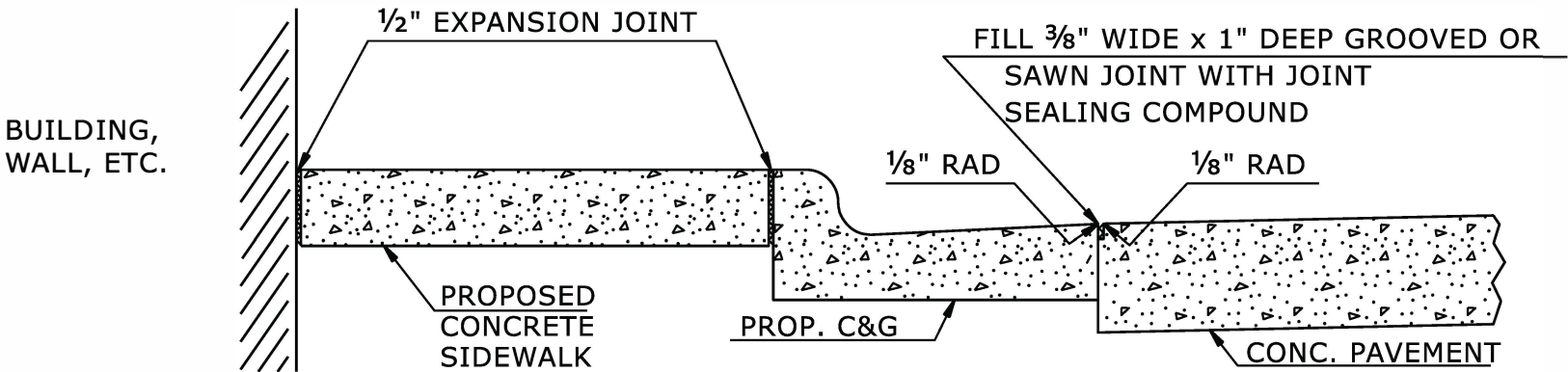
CONSTRUCT STANDARD SIDEWALK 5' WIDE AND 4" THICK UNLESS OTHERWISE DENOTED ON PLANS.

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

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

ROADWAY DETAIL DRAWING FOR
CONCRETE SIDEWALK



Signed By:

Nicole M. Hackler

5884323D34164C5...

SHEET 1 OF 1

848D01

05/19/2026

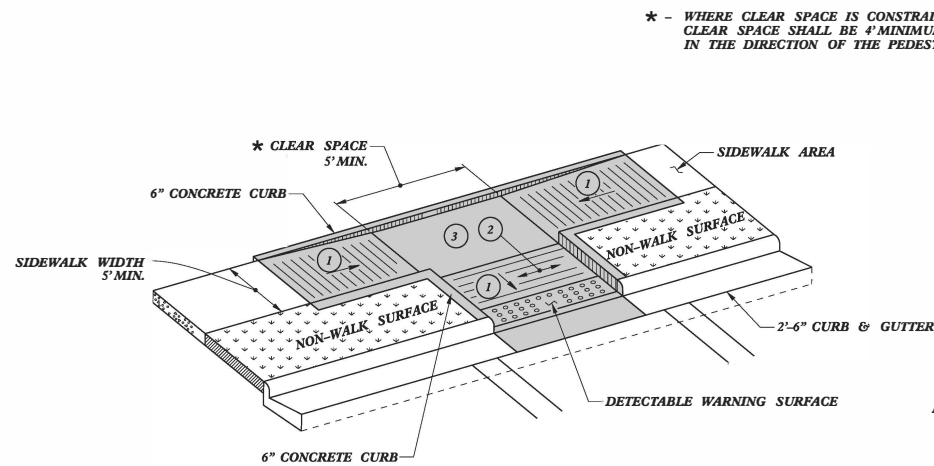
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UNLESS ALL SIGNATURES COMPLETED

**CONTRACTS STANDARDS
AND DEVELOPMENT UNIT**

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

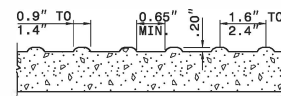
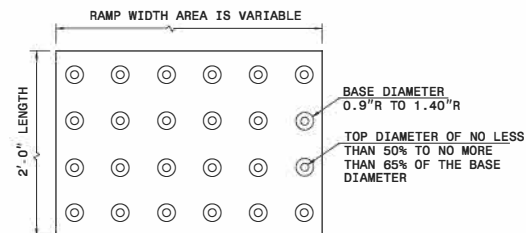
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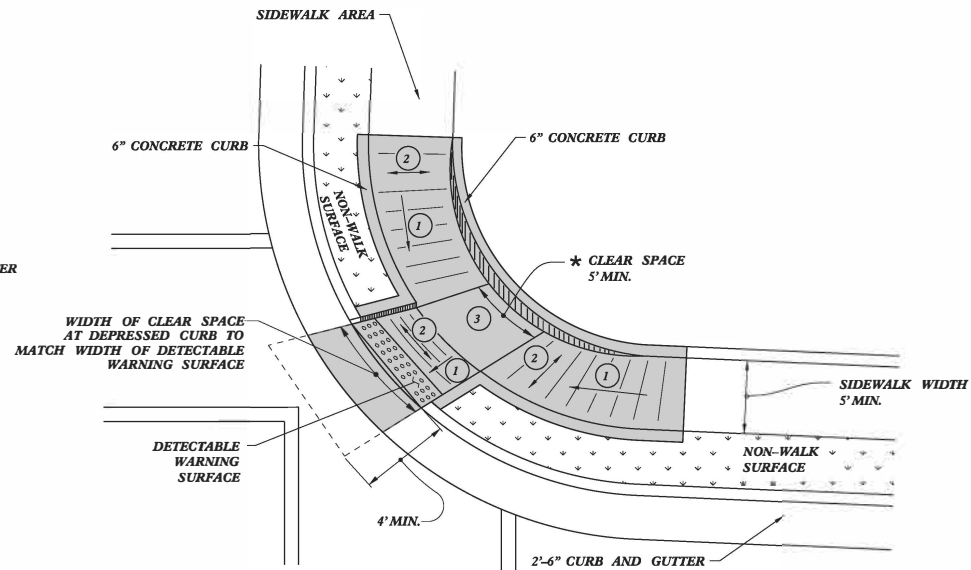


TYPE 3

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



DETECTABLE WARNING SURFACE



TYPE 3 MODIFIED
INSTALLATION IN A RADIUS

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

PAY LIMITS FOR 1 CURB RAMP

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

ROADWAY DETAIL DRAWING FOR
CURB RAMP
PARALLEL RAMP

SHEET 9 OF 13
848D06



Signed By
Nicole M. Hackler
5884323D34164C5...

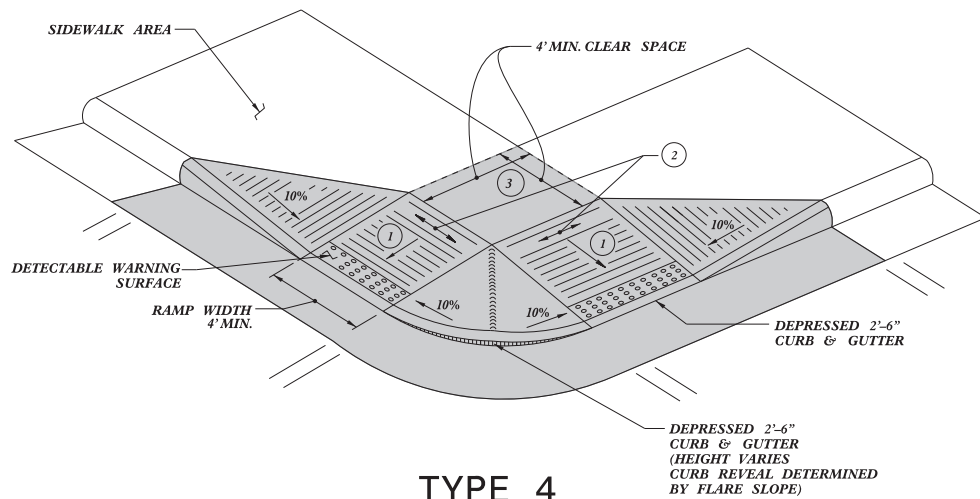
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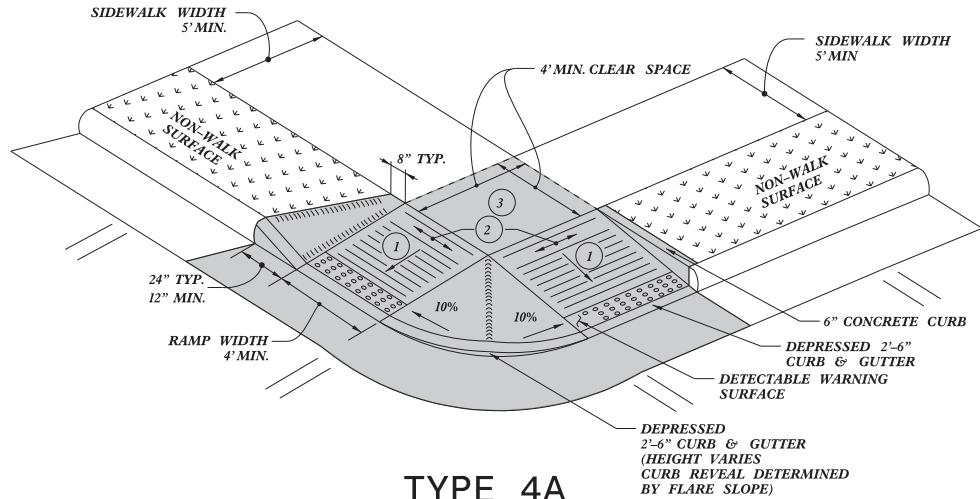
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AND DEVELOPMENT UNIT
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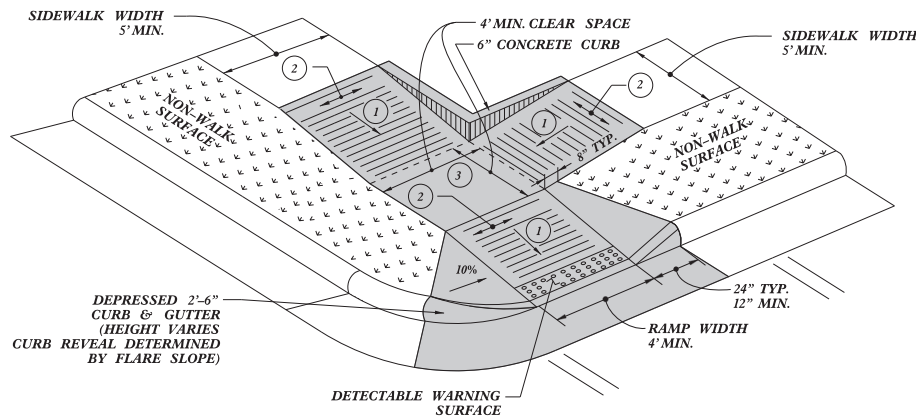
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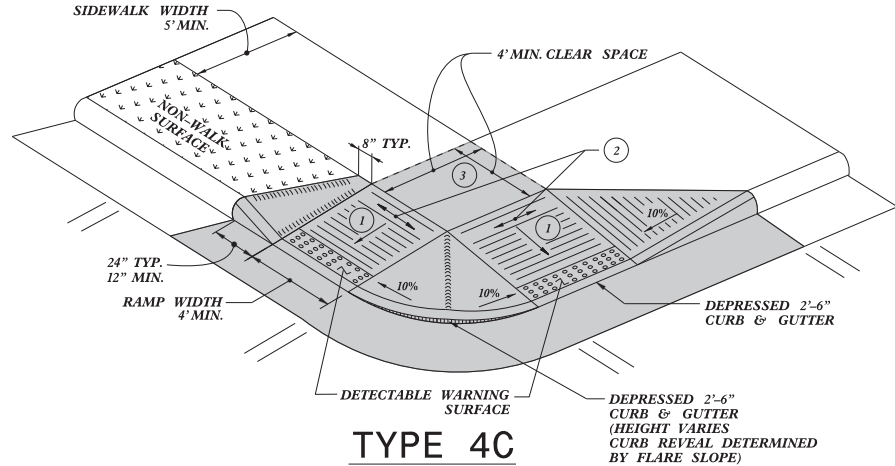
TYPE 4



TYPE 4A

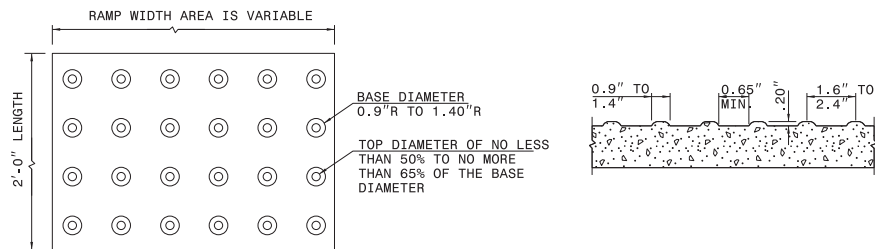


TYPE 4B



TYPE 4C

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



DETECTABLE WARNING SURFACE

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

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

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

ROADWAY DETAIL DRAWING FOR
CURB RAMP
SHARED LANDING

SHEET 10 OF 13
848D06

Signed
Nicole M. Hackler
5884323D34164C5...

05/19/2026

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

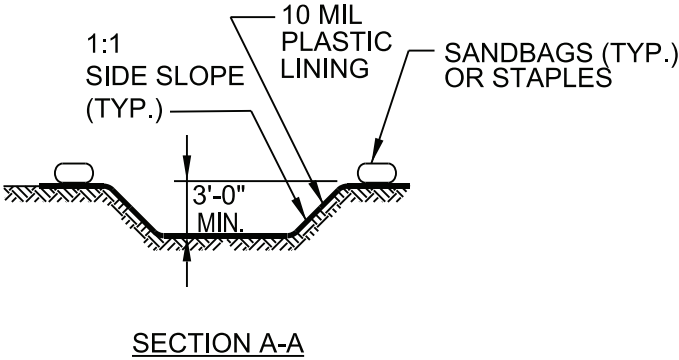
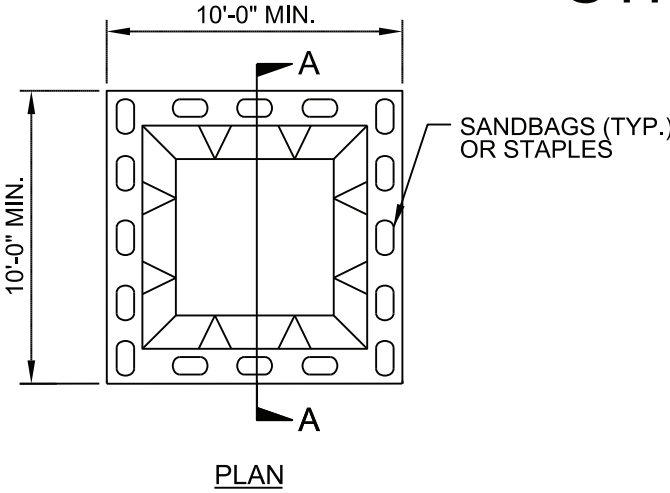
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AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

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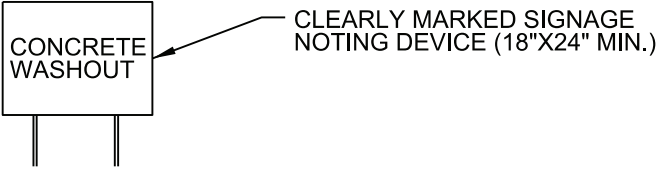
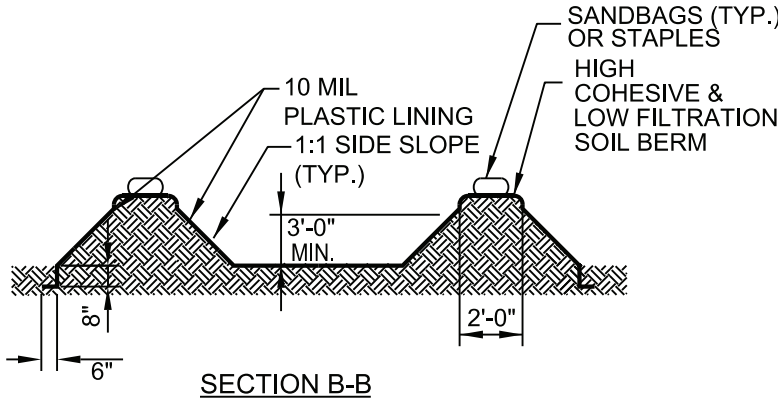
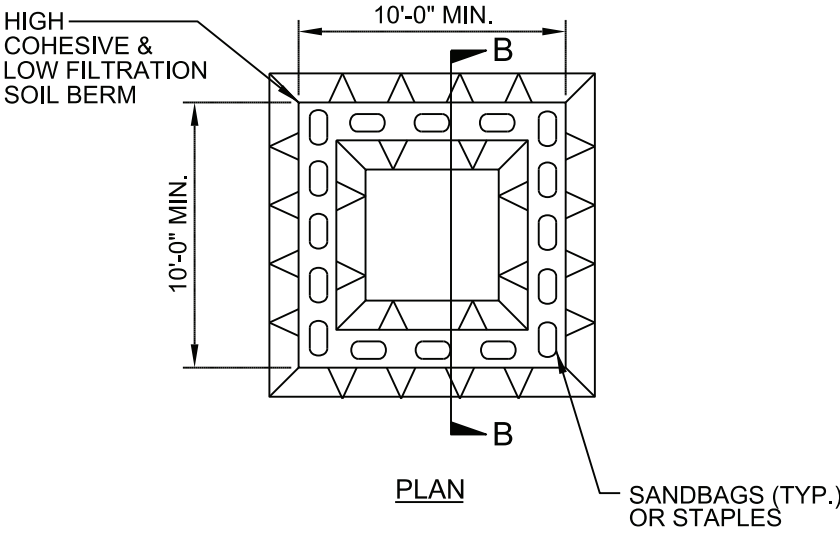
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BO-2413C	18
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:**
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:**
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.