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09/08/2019

See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**HENDERSON & TRANSYLVANIA
COUNTY**

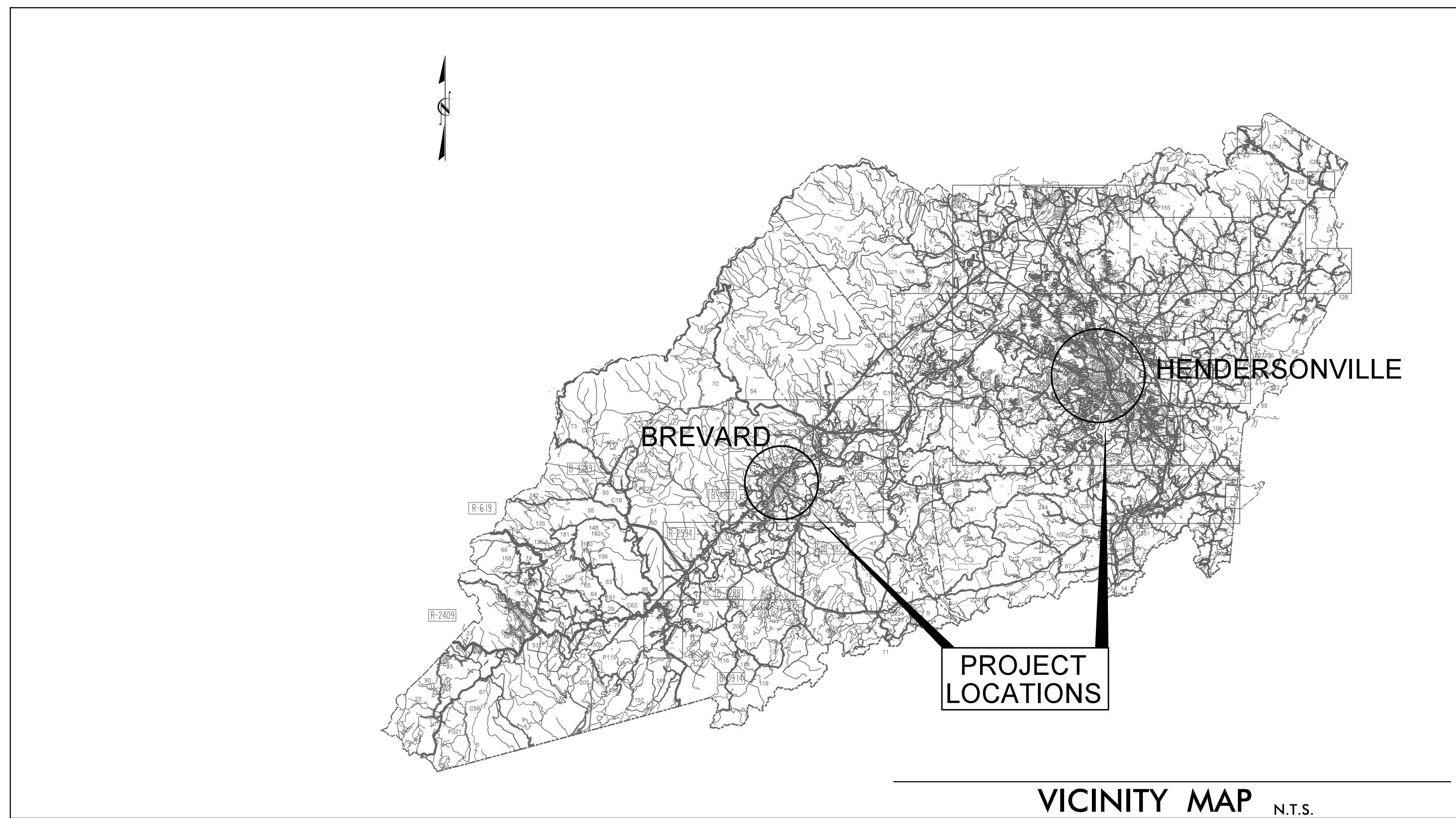
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5794H1	1	11
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44910.3.10			

LOCATION: HENDERSONVILLE, HENDERSON COUNTY
BREVARD, TRANSYLVANIA COUNTY

TYPE OF WORK: CURB RAMPS
SEE SITE MAP SHEETS FOR COUNTY SITE LOCATIONS

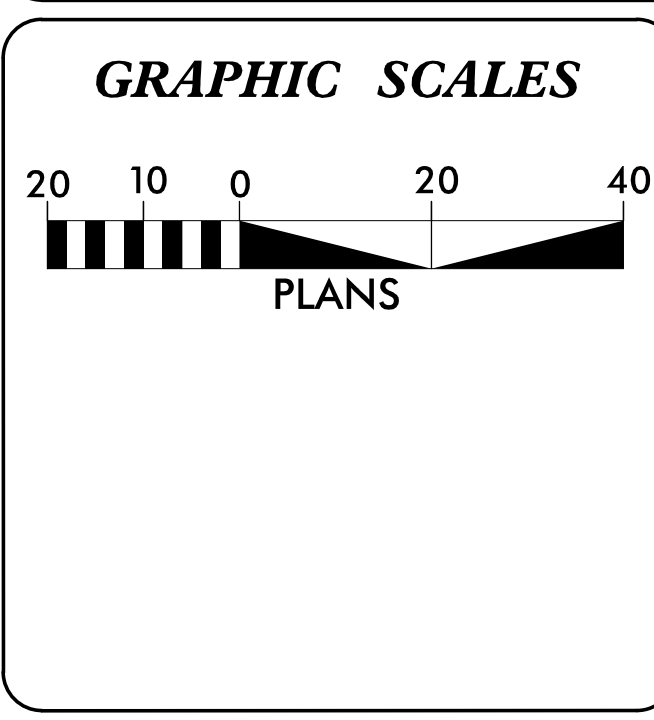
TIP PROJECT: R-5749H

CONTRACT: DN00777



VICINITY MAP N.T.S.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2015 =	N/A
ADT 2017 =	N/A
DHV =	N/A
D =	N/A
T =	N/A
V =	VARIES
* TTST =	N/A
FUNC CLASS =	LOCAL

PROJECT LENGTH

N/A

Prepared in the Office of:

WSP USA Inc.
1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
MARCH 22, 2022

SIERRA HAYNES, PE
PROJECT ENGINEER

PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

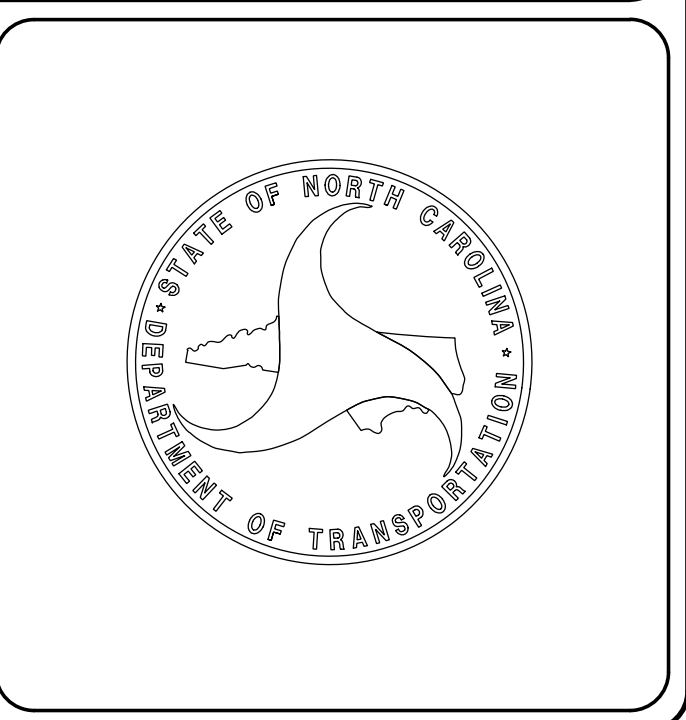
SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

2/24/2022

DocuSigned by:
Sierra Haynes

SIGNATURE: _____ P.E.

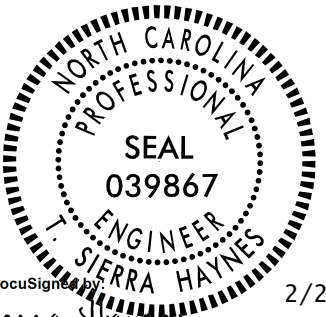


2/22/2022
I:\1883600-03\AR-5794A\Roadway\Proj\2019\2019 R-5794H District \COMBINED_TSH_H-I.dgn
rldw

8/17/99

wsp 1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

PROJECT REFERENCE NO.	SHEET NO.
R-5794H1	1A

RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
<i>Sierra Haynes</i>	2/24/2022

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PLAN SHEETS FOR TRANSYLVANIA COUNTY

6 THRU 9

PLAN SHEETS FOR HENDERSON COUNTY

2/22/2022
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-cidw

COUNTY SITE MAPS

wsp 1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

PROJECT REFERENCE NO. R-5794H1	SHEET NO. 1B
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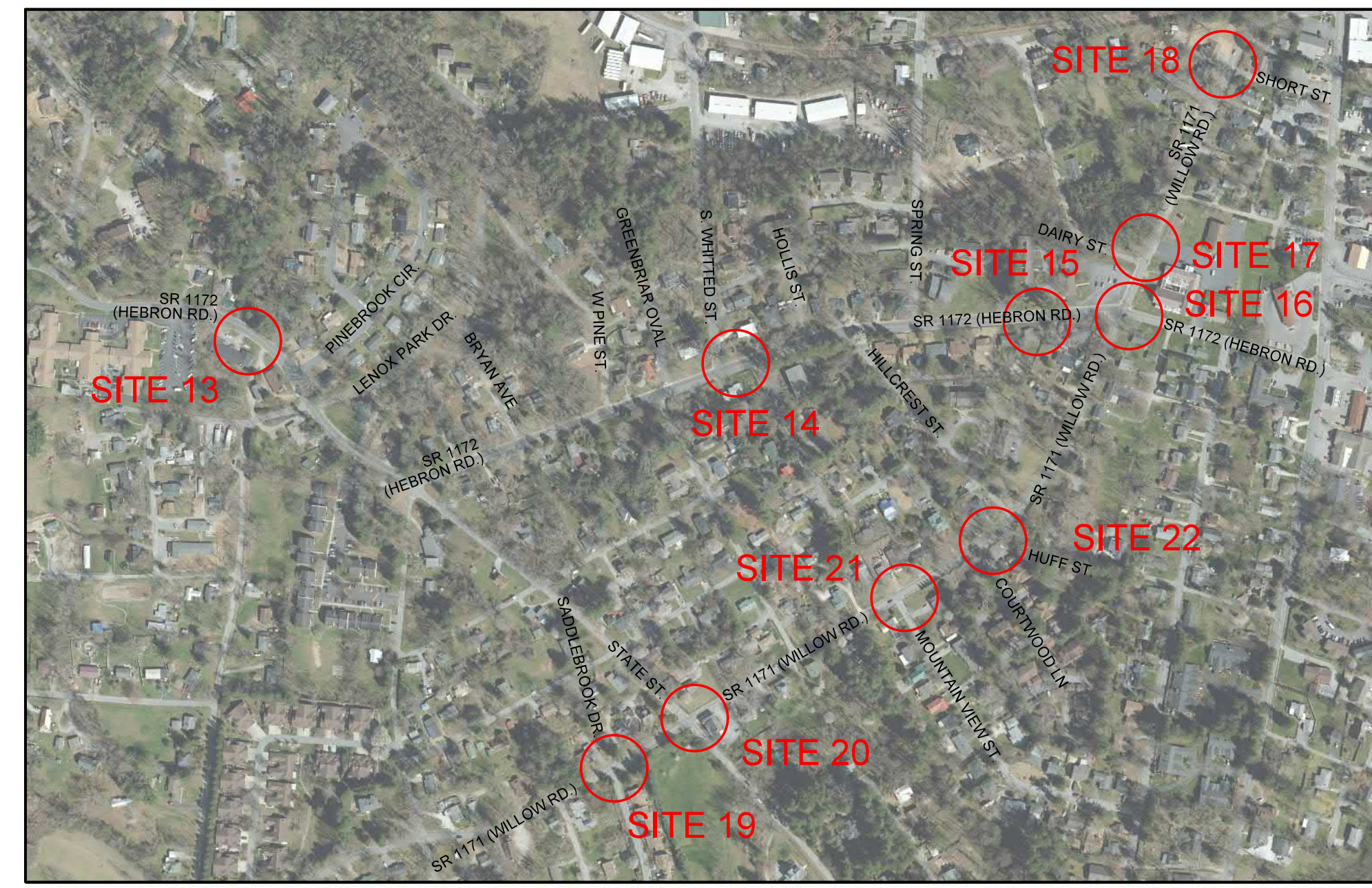
TRANSYLVANIA COUNTY

- LOCATION: BREVARD, TRANSYLVANIA COUNTY**
- SITE 1 - FRENCH BROAD STREET AND BUS. 64 (CALDWELL ST.)
 - SITE 2 - US 276 (E. MAIN ST.) AND GASTON STREET
 - SITE 3 - US 276 (E. MAIN ST.) AND JOHNSON STREET
 - SITE 4 - US 276 (E. MAIN ST.) AND RICE STREET
 - SITE 5 - US 276 (E. MAIN ST.) AND PHILIPS LANE
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 - SITE 7 - US 276 (E. MAIN ST.) AND WOODSIDE DRIVE



HENDERSON COUNTY

- LOCATION: HENDERSONVILLE, HENDERSON COUNTY**
- SITE 8 - NC 191 (HAYWOOD ROAD) AND CALVARY BAPTIST
 - SITE 9 - NC 191 (HAYWOOD ROAD) AND BRIDGETTE LOOP ROAD
 - SITE 10 - BUS. 25 (N CHURCH STREET) AND US 64 (W. 7TH AVENUE)
 - SITE 11 - US 64 (7TH AVENUE) AND N. GROVE STREET/7TH AVENUE
 - SITE 12 - SR 1166 (RUTLEDGE ROAD) AT MUDD CREEK BAPTIST CHURCH CROSSWALK
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 - SITE 14 - SR 1172 (HEBRON ROAD) AND S. WHITTED STREET
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 - SITE 17 - SR 1171 (WILLOW ROAD) AND DAIRY STREET
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 - SITE 20 - SR 1171 (WILLOW ROAD) AND STATE STREET
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 - SITE 22 - SR 1171 (WILLOW ROAD) AND COURTWOOD LANE
 - SR 1171 (WILLOW ROAD) AND HUFF STREET



NAD 83 (CORS)

8/17/19

wsp 1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

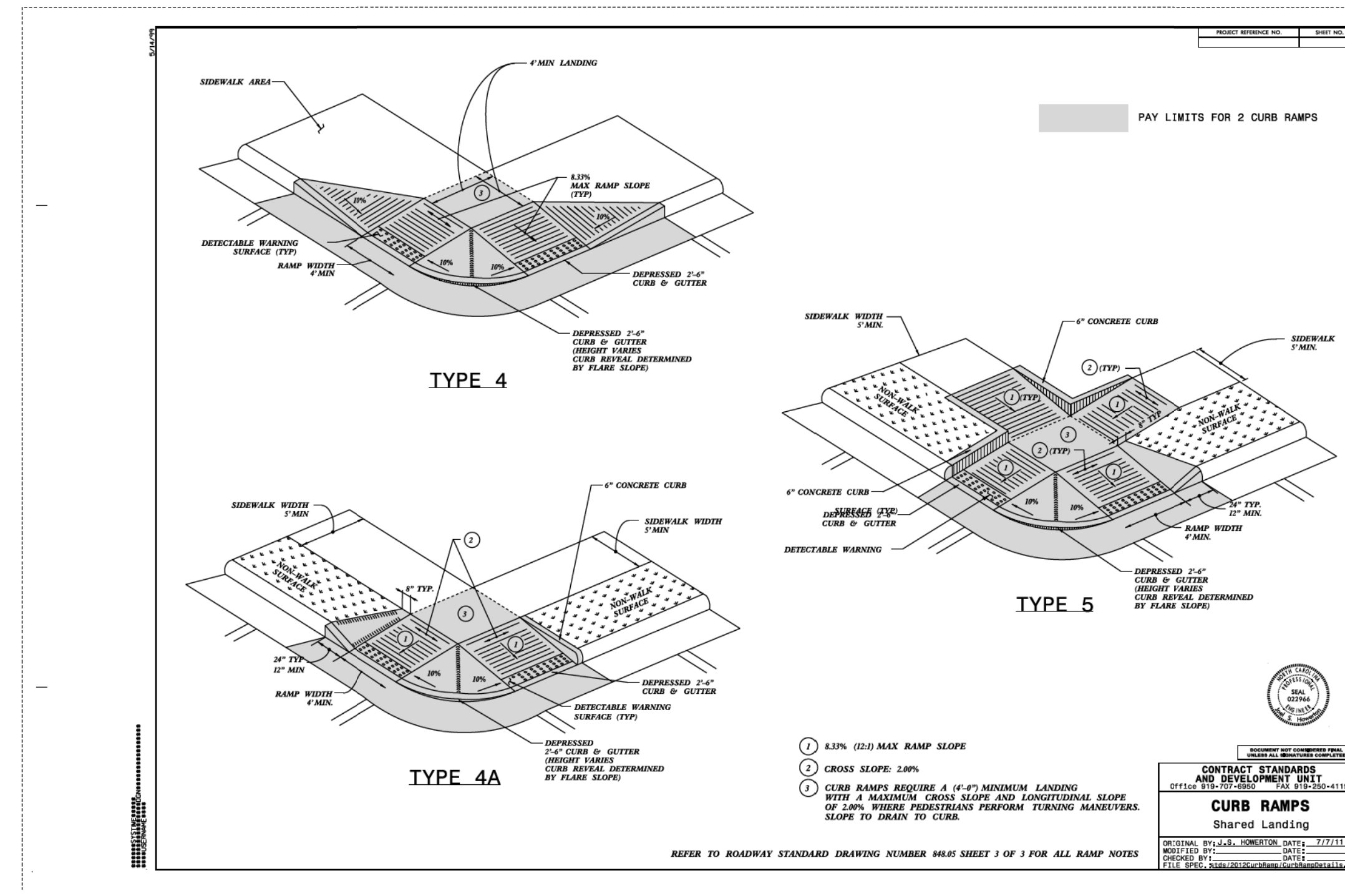
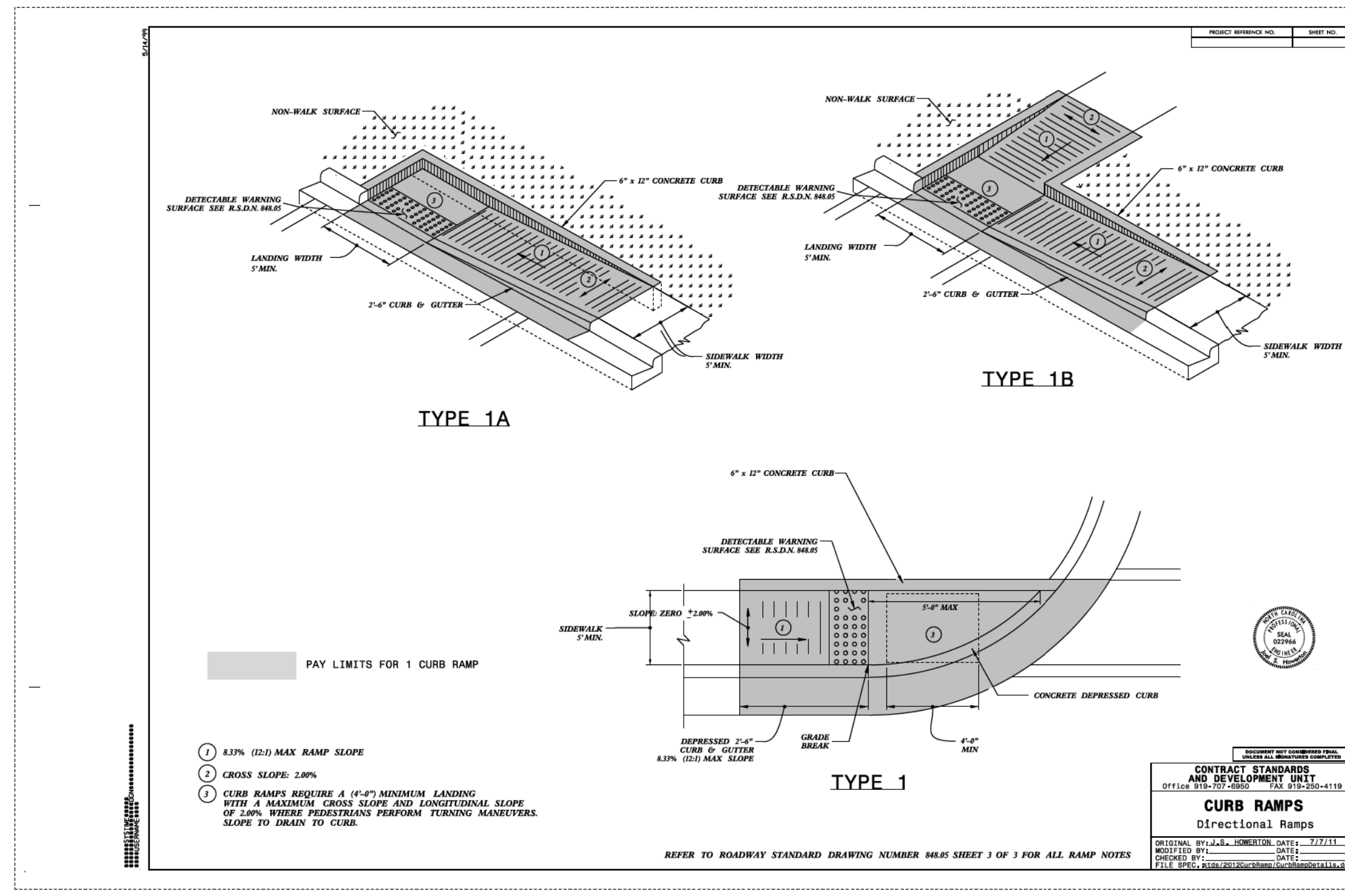
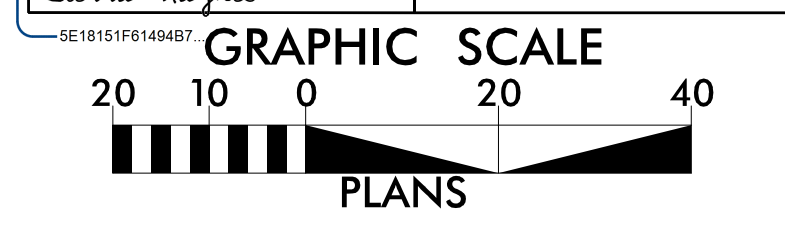
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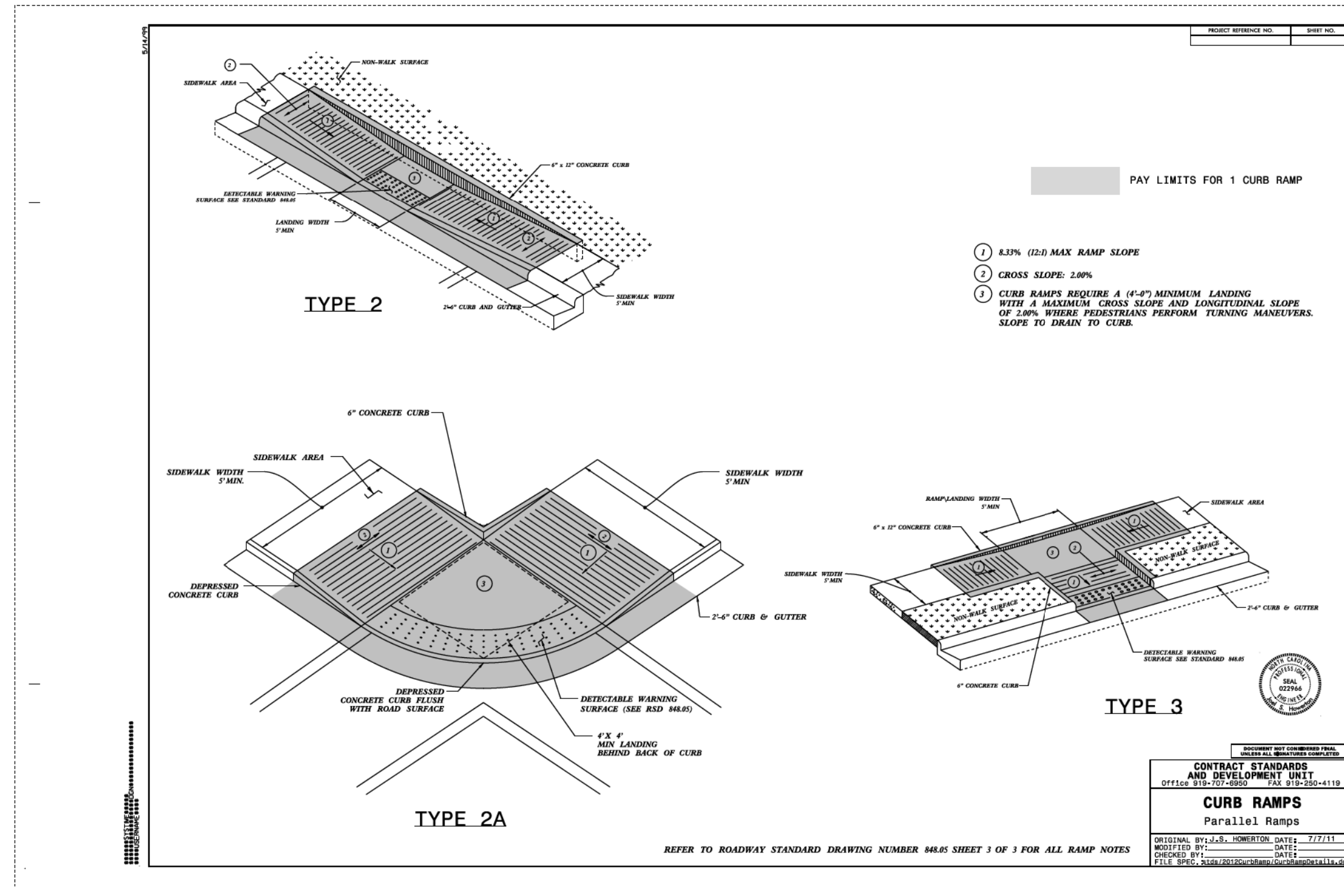
ROADWAY DESIGN ENGINEER

SEAL
039867
ENGINEER
SIERRA HAYNES

2/24/2022



2/22/2022 1:11883600-03\Roadway\Proje\2019\2019 R-5794H District 1\11883600-03-Section C-SHT-2C1-2C2-HI.dgn -cidw



- NOTES:
- 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.
 - LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
 - COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
 - SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
 - REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
 - TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
 - CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
 - CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
 - ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
 - CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
 - CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
 - CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
 - 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.
 - SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'x5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
 - CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
 - PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
 - PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
 - CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

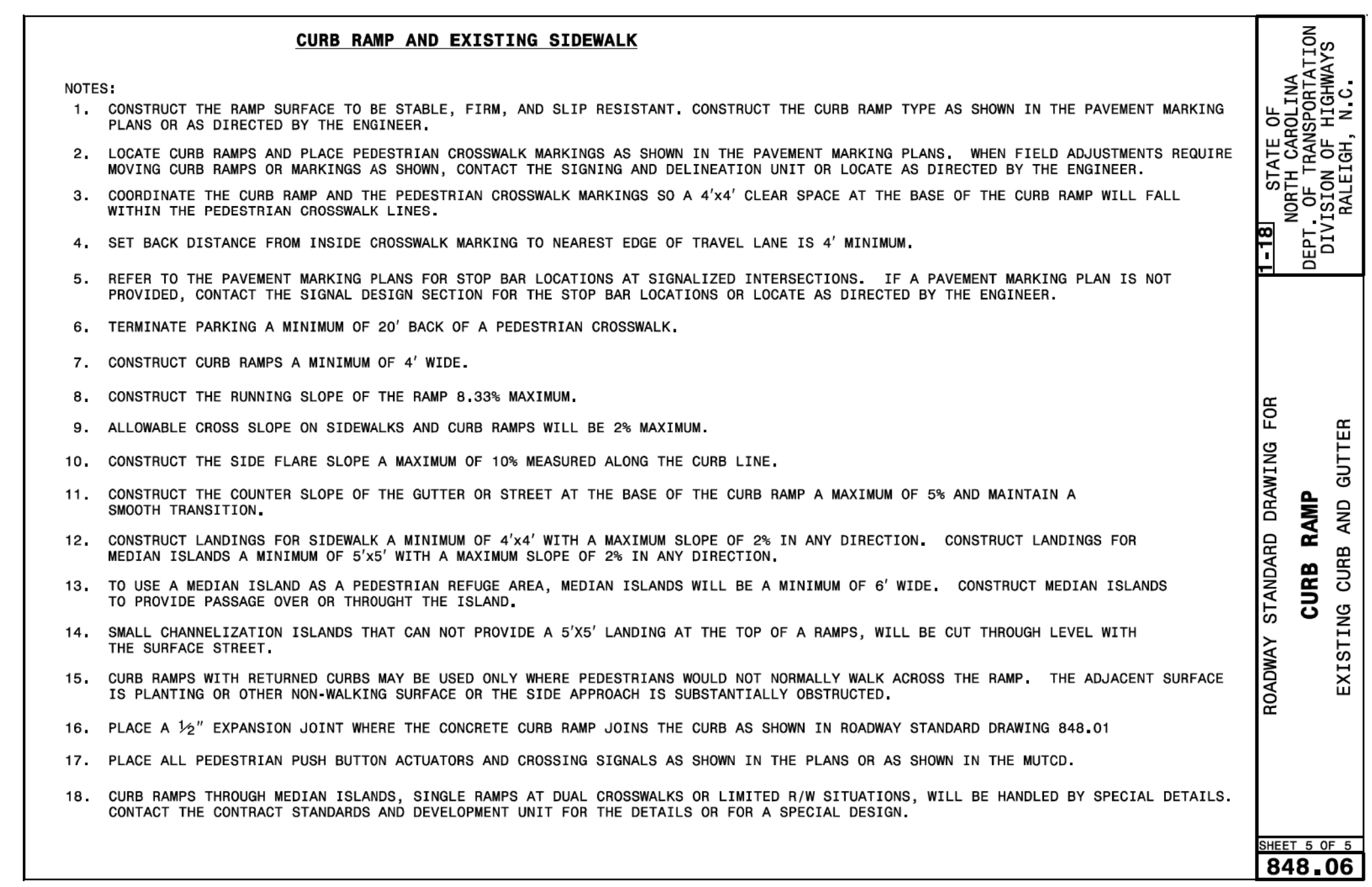
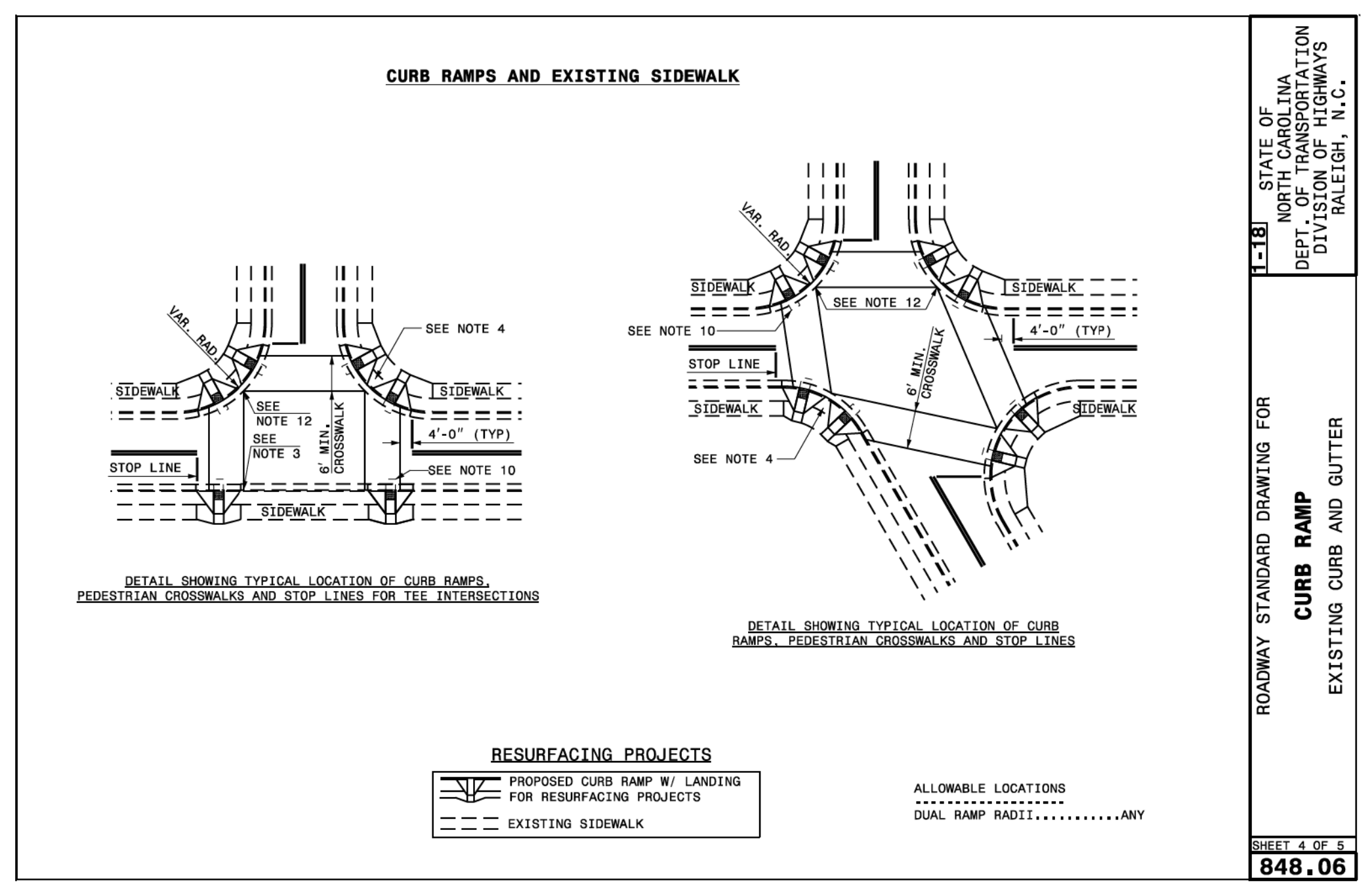
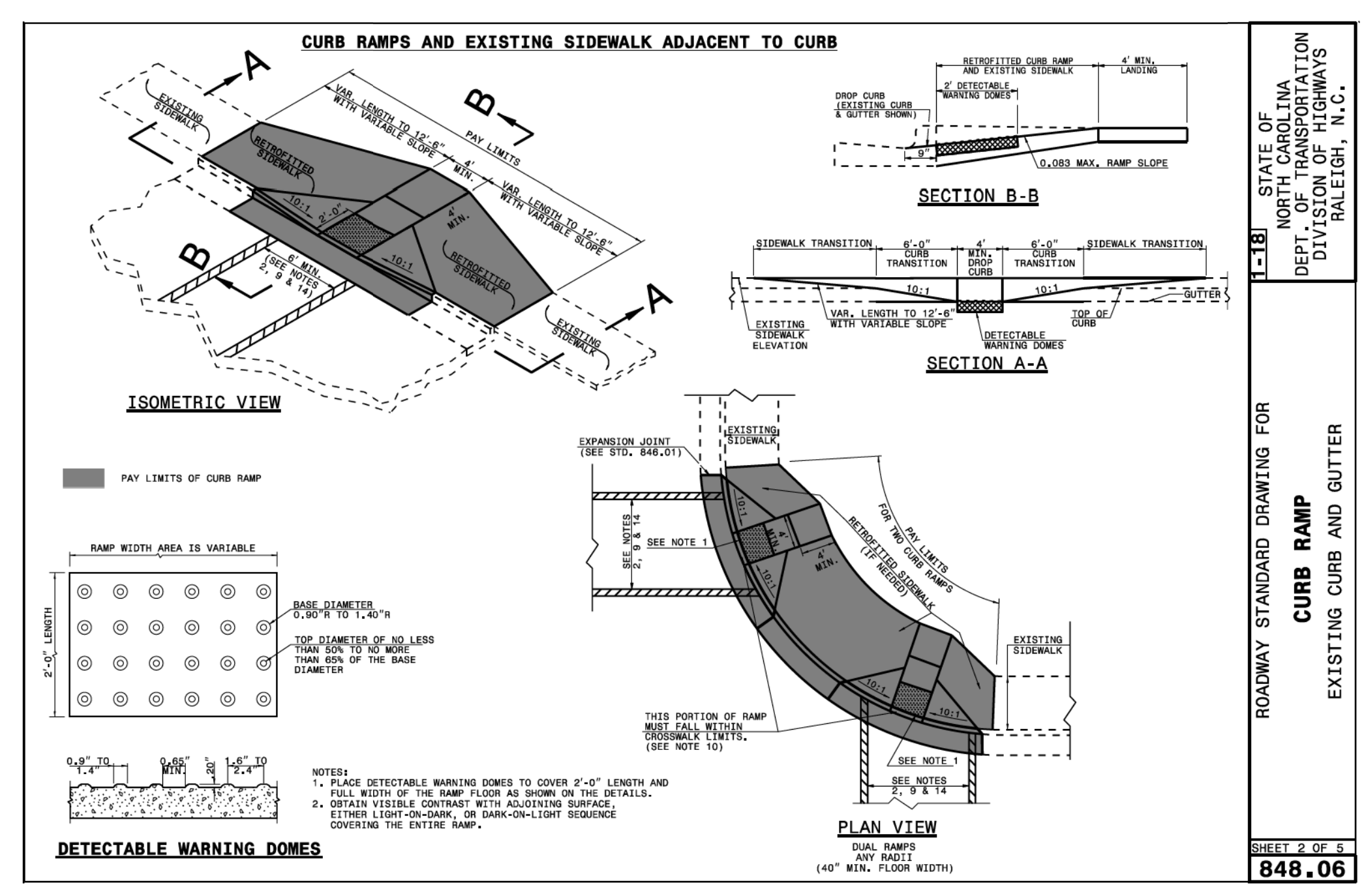
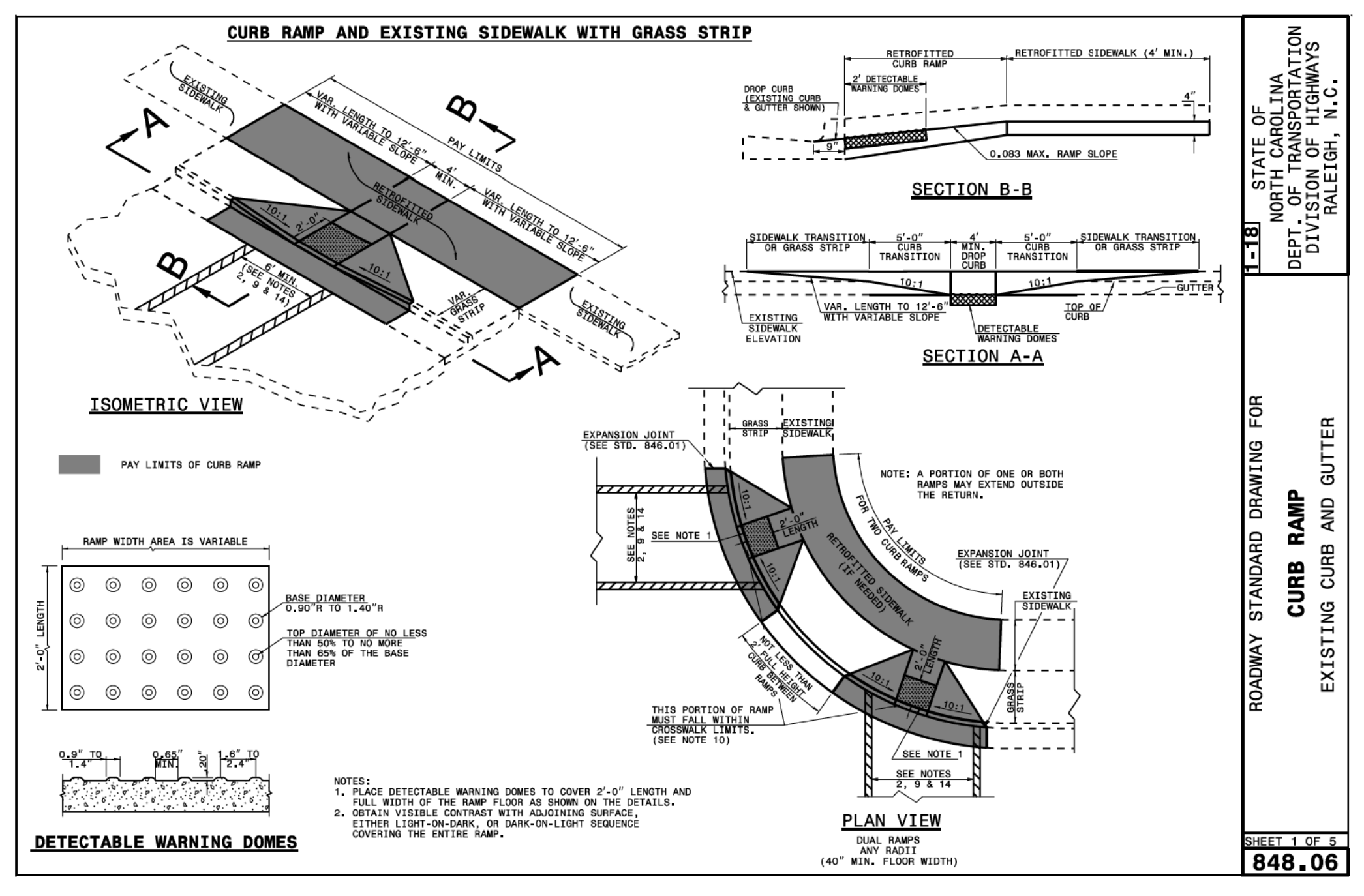
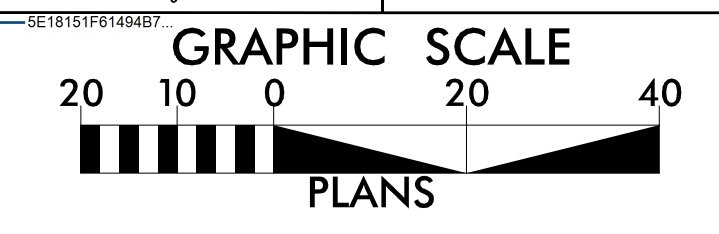
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CURB RAMPS
NOTES

SHEET 3 OF 3
848.05

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ROADWAY DESIGN ENGINEER	
2/7/2022	

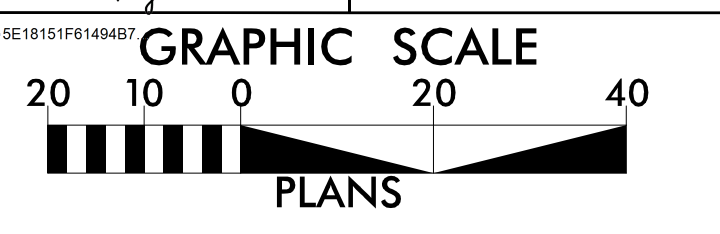


PLAN SHEETS FOR TRANSYLVANIA COUNTY

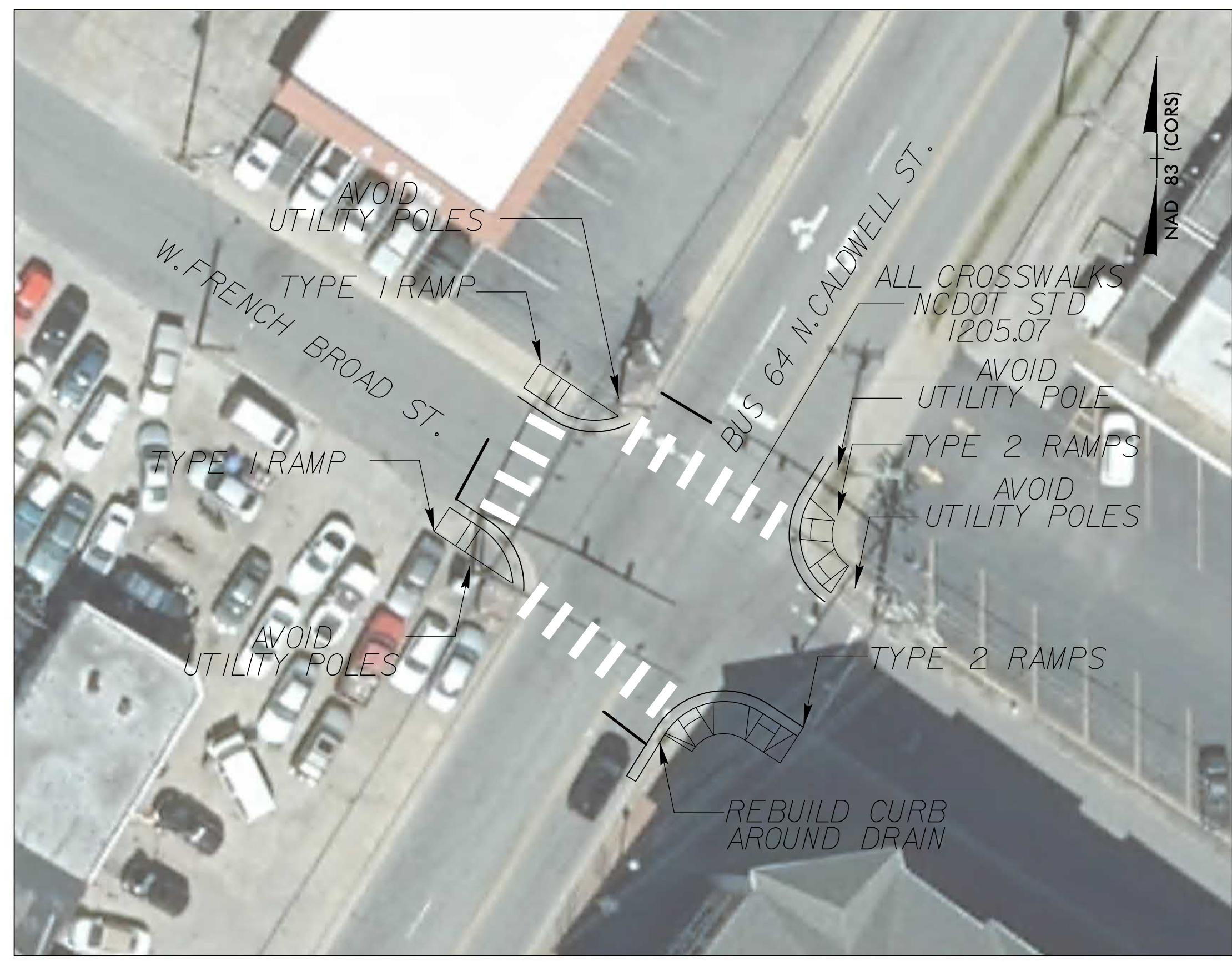
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SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

**DOCUMENT NOT CONSIDERED FINAL
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RW SHEET NO.	
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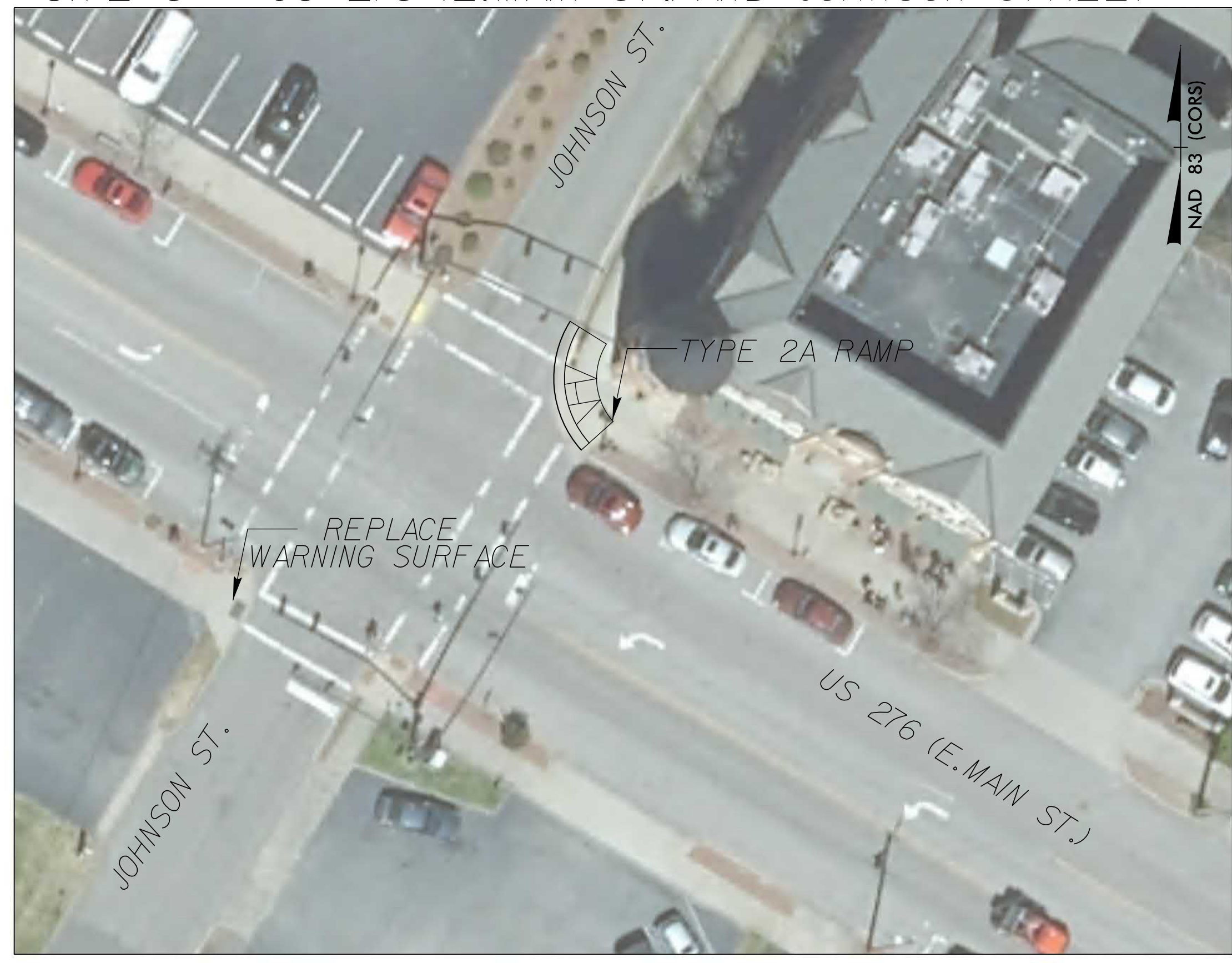
SITE 1 - FRENCH BROAD STREET AND BUS.64 (CALDWELL ST.)



SITE 2 - US 276 (E.MAIN ST.) AND GASTON STREET



SITE 3 - US 276 (E.MAIN ST.) AND JOHNSON STREET



SITE 4 - US 276 (E.MAIN ST.) AND RICE STREET



SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

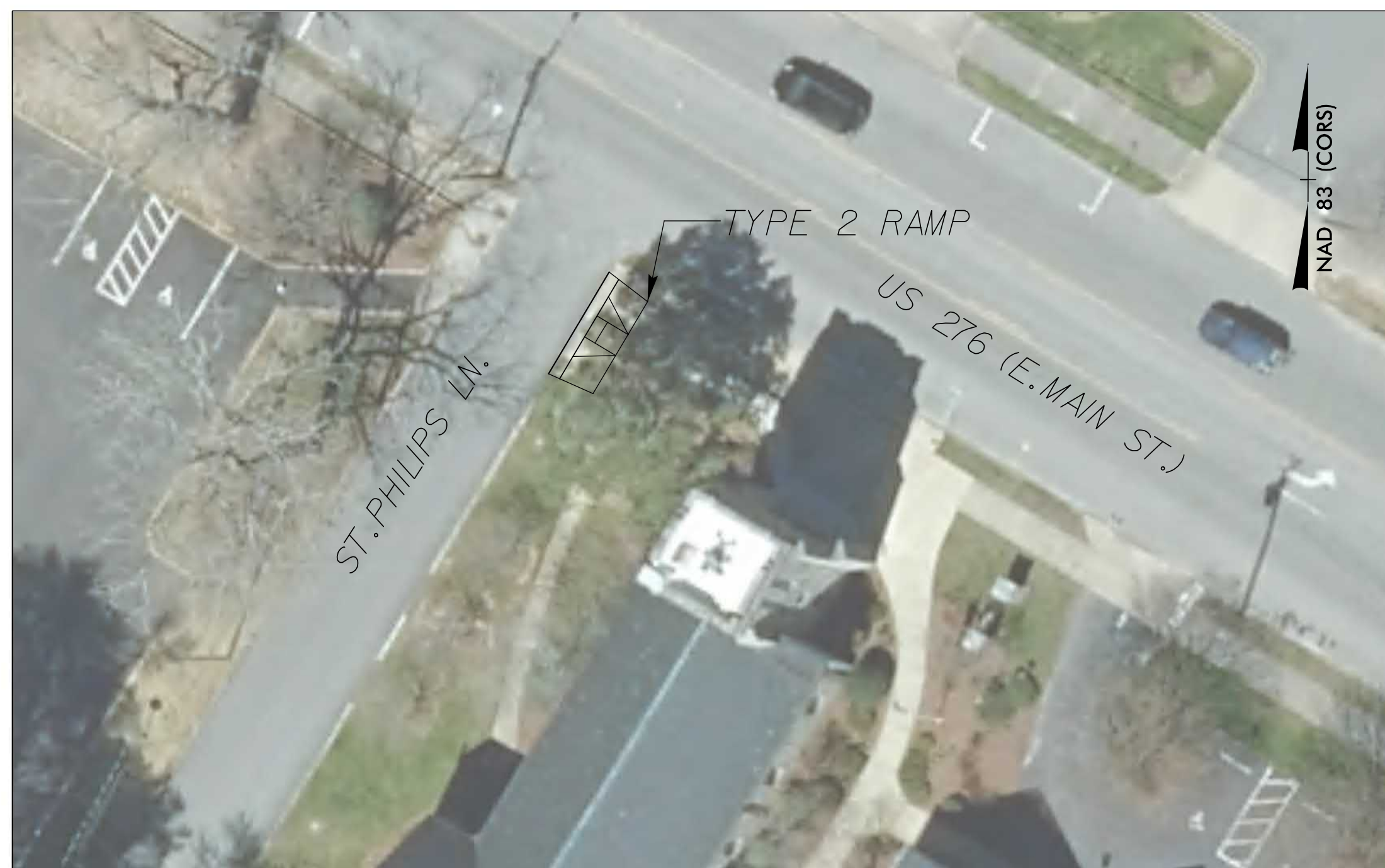
PLAN SHEETS FOR TRANSYLVANIA COUNTY

wsp 1001 MOREHEAD SQUARE DRIVE
SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

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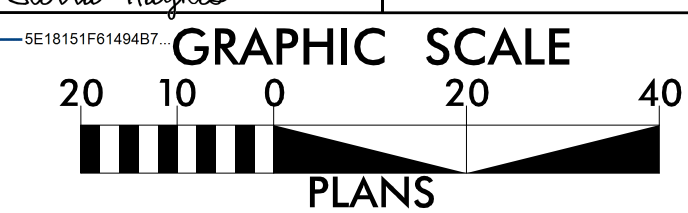
SITE 5 - US 276 (E.MAIN ST.) AND PHILIPS LANE



SITE 6 - US 276 (E.MAIN ST.) AND FRANKLIN STREET



SITE 7 - US 276 (E.MAIN ST.) AND WOODSIDE DRIVE



SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

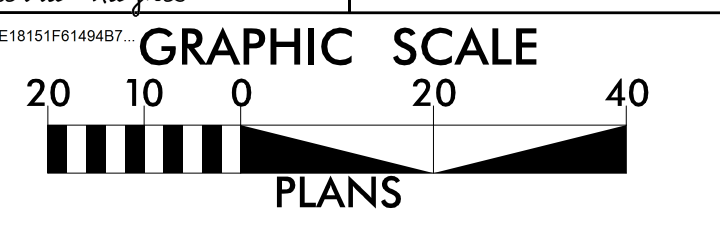
8/17/99

PLAN SHEETS FOR HENDERSON COUNTY

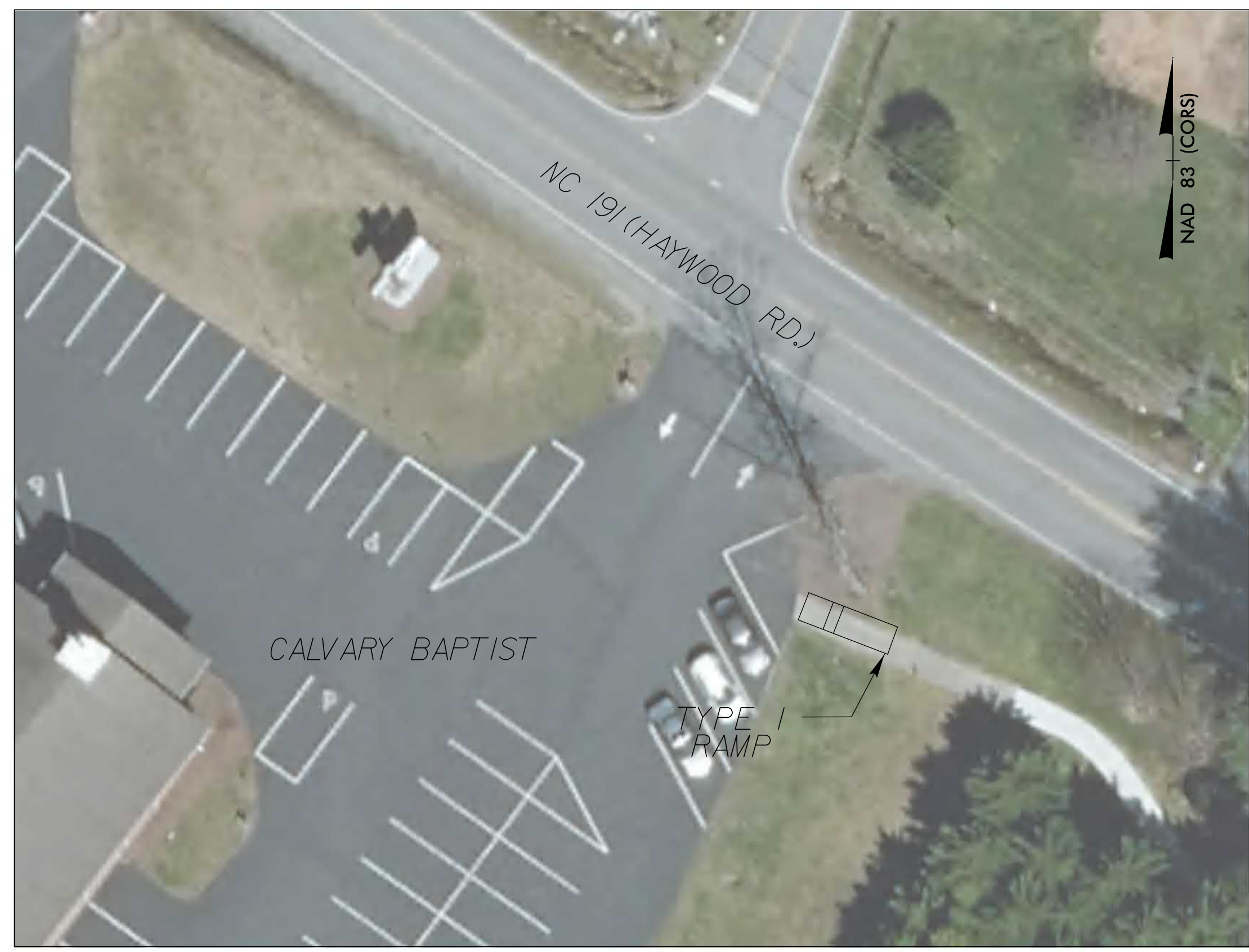
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SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

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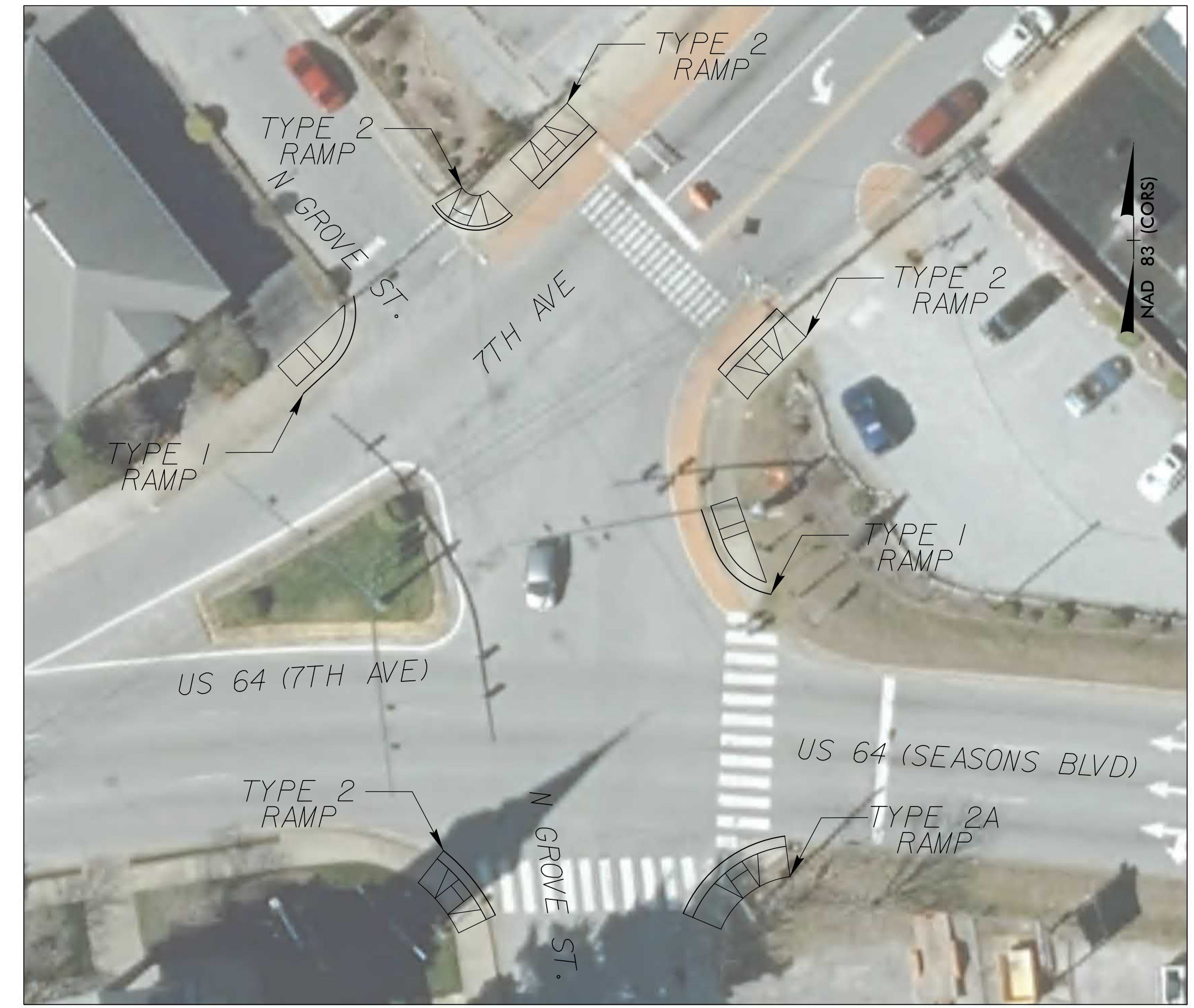
SITE 8 - NC 191 (HAYWOOD ROAD) AND CALVARY BAPTIST



SITE 9 - NC 191 (HAYWOOD ROAD) AND BRIDGETTE LOOP ROAD



SITE 11 - US 64 (7TH AVENUE) AND N.GROVE STREET / 7TH AVENUE



SITE 10 - BUS.25 (N CHURCH STREET) AND US 64 (W.7TH AVENUE)



SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

2/22/2022
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cold

8/17/99

PLAN SHEETS FOR HENDERSON COUNTY

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SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

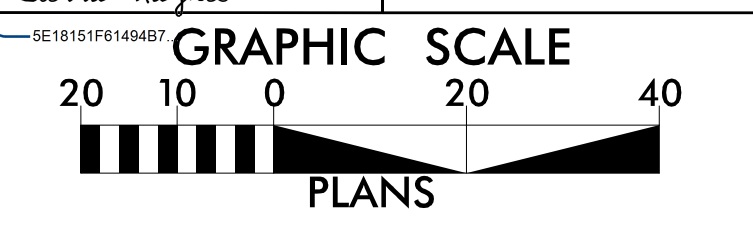
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PROJECT REFERENCE NO. R-5794H1	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	

SITE 12 - SR 1166 (RUTLEDGE ROAD) AT MUDD CREEK BAPTIST CHURCH CROSSWALK



SITE 13 - SR 1172 (1308 & 1310 HEBRON ROAD)



SITE 14 - SR 1172 (HEBRON ROAD) AND S.WHITTED STREET



SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

2/22/2022
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PLAN SHEETS FOR HENDERSON COUNTY

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SUITE 610
CHARLOTTE, NC 28203
NC LIC. NO. F-0165

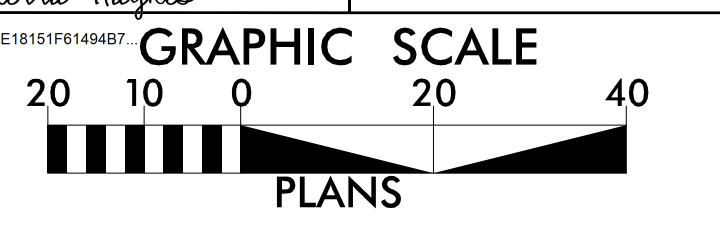
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PROJECT REFERENCE NO. R-5794H1	SHEET NO. 8
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R/W SHEET NO.

ROADWAY DESIGN ENGINEER

DocuSign
Sierra Hayes
2/24/2022



SITE 15 - SR 1172 (600 HEBRON ROAD)



SITE 16 - SR 1172 (HEBRON ROAD) AND SR 1171 (WILLOW ROAD)



SITE 17 - SR 1171 (WILLOW ROAD) AND DAIRY STREET



SITE 18 - SR 1171 (WILLOW ROAD) AND SHORT STREET



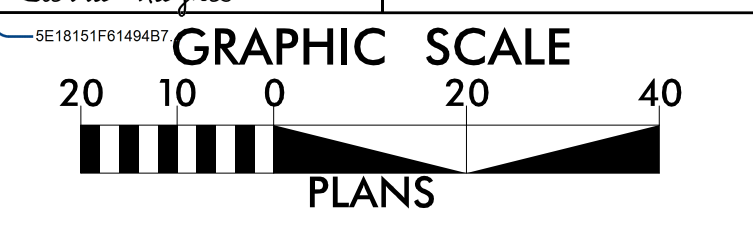
SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

PLAN SHEETS FOR HENDERSON COUNTY

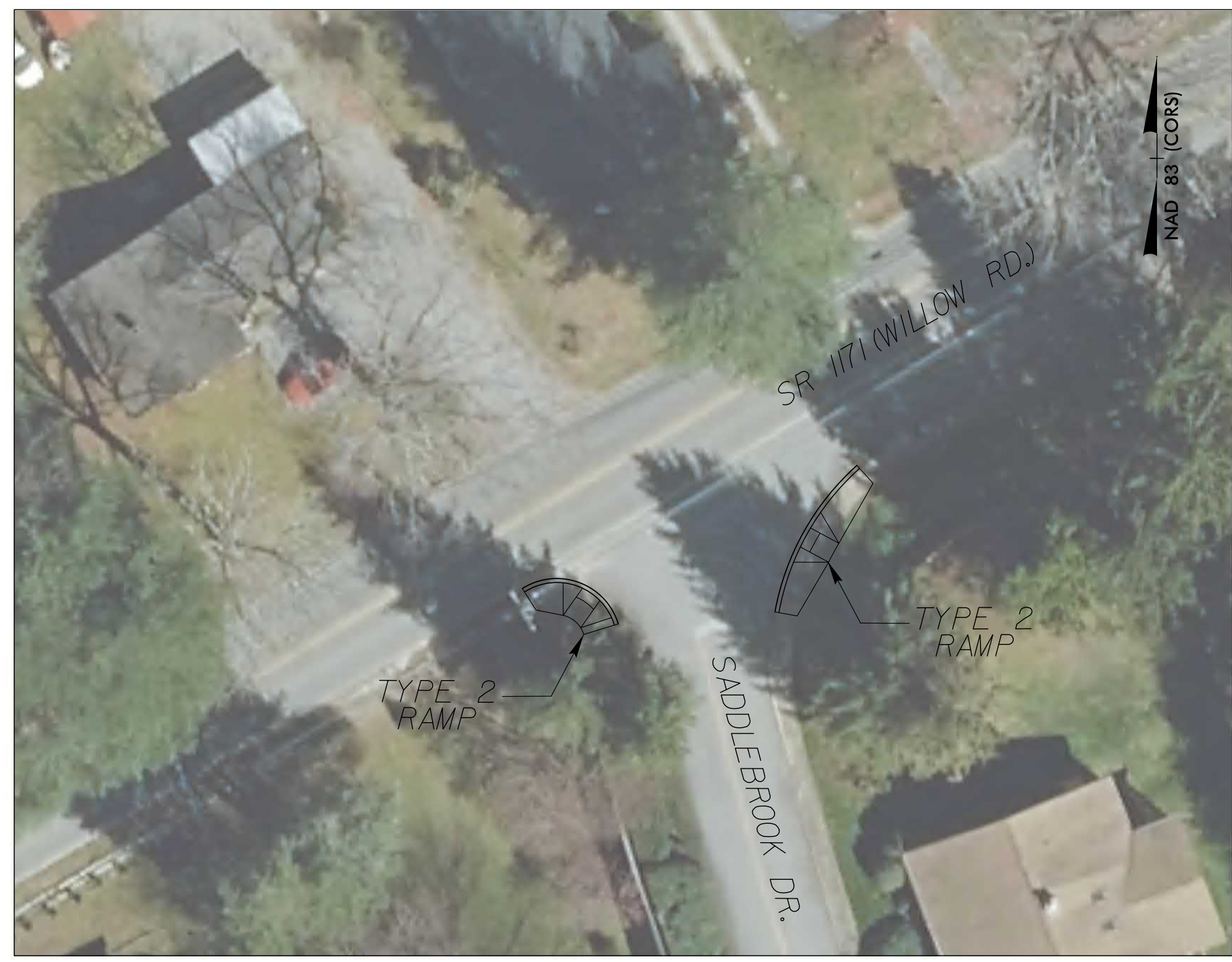
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CHARLOTTE, NC 28203
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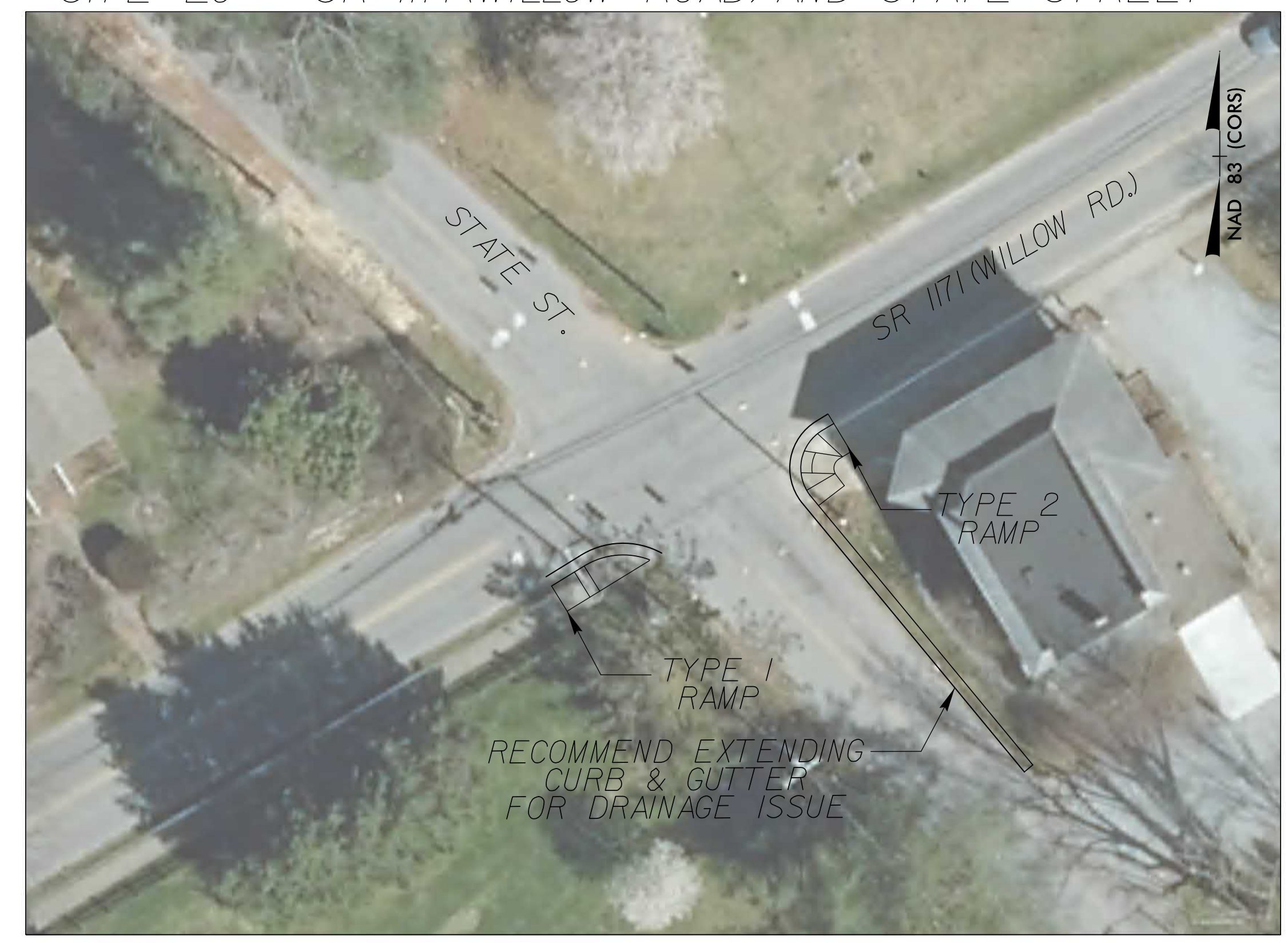
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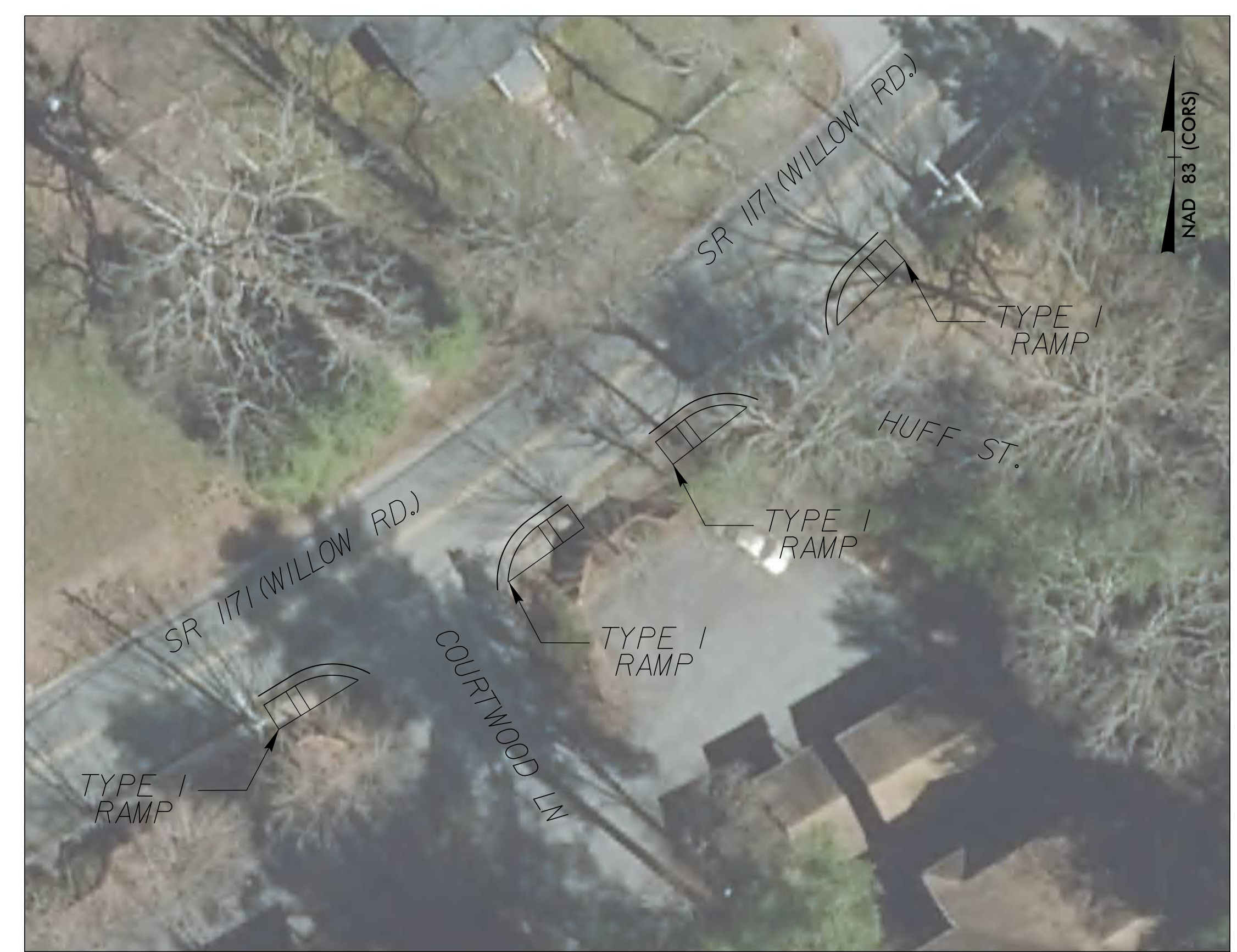
SITE 19 - SR 1171 (WILLOW ROAD) AND SADDLEBROOK DRIVE



SITE 20 - SR 1171 (WILLOW ROAD) AND STATE STREET



SITE 22 - SR 1171 (WILLOW ROAD) AND COURTYARD LANE SR 1171 (WILLOW ROAD) AND HUFF ST.



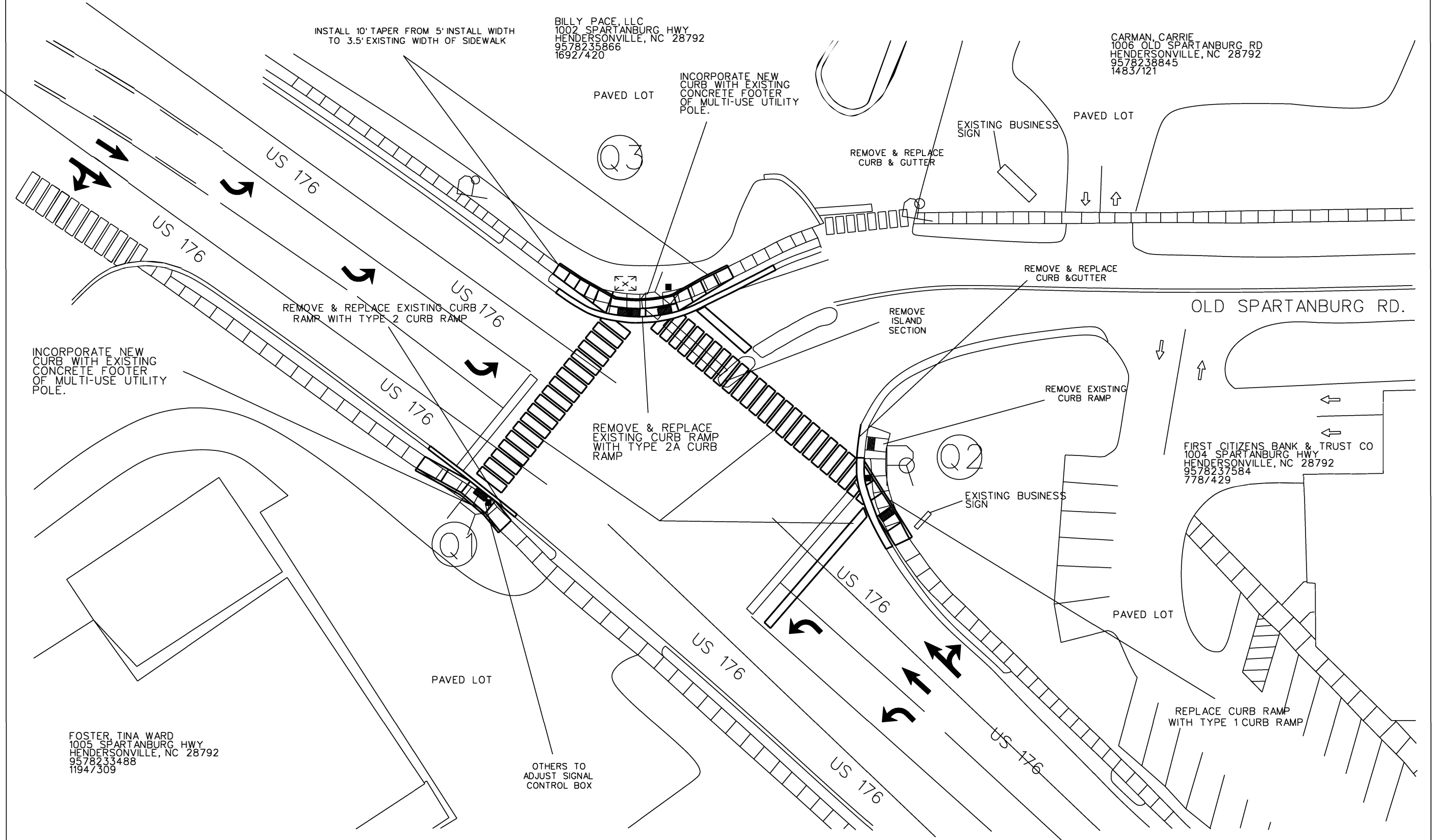
SEE SHEETS 2C-1 & 2C-2 FOR CURB RAMP DETAILS

SITE 21 - SR 1171 (WILLOW ROAD) AND MOUNTAIN VIEW



INTERSECTION 1

R-5794H US176 AT OLD SPARTANBURG ROAD



INSTALL 10' TAPER FROM 5' INSTALL WIDTH TO 3.5' EXISTING WIDTH OF SIDEWALK

BILLY PACE, LLC
1002 SPARTANBURG HWY
HENDERSONVILLE, NC 28792
9578235866
1692/420

CARMAN, CARRIE
1006 OLD SPARTANBURG RD
HENDERSONVILLE, NC 28792
9578238845
1483/121

INCORPORATE NEW CURB WITH EXISTING CONCRETE FOOTER OF MULTI-USE UTILITY POLE.

REMOVE & REPLACE CURB & GUTTER

REMOVE & REPLACE CURB & GUTTER

REMOVE & REPLACE EXISTING CURB RAMP WITH TYPE 2 CURB RAMP

REMOVE ISLAND SECTION

INCORPORATE NEW CURB WITH EXISTING CONCRETE FOOTER OF MULTI-USE UTILITY POLE.

REMOVE & REPLACE EXISTING CURB RAMP WITH TYPE 2A CURB RAMP

REMOVE EXISTING CURB RAMP

FIRST CITIZENS BANK & TRUST CO
1004 SPARTANBURG HWY
HENDERSONVILLE, NC 28792
9578237584
778/429

FOSTER, TINA WARD
1005 SPARTANBURG HWY
HENDERSONVILLE, NC 28792
9578233488
1194/309

OTHERS TO ADJUST SIGNAL CONTROL BOX

REPLACE CURB RAMP WITH TYPE 1 CURB RAMP

INTERSECTION 2

R-5794H US176 AT OLD SPARTANBURG ROAD

