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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5794B	1	8
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44910.3.4			

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HAYWOOD COUNTY

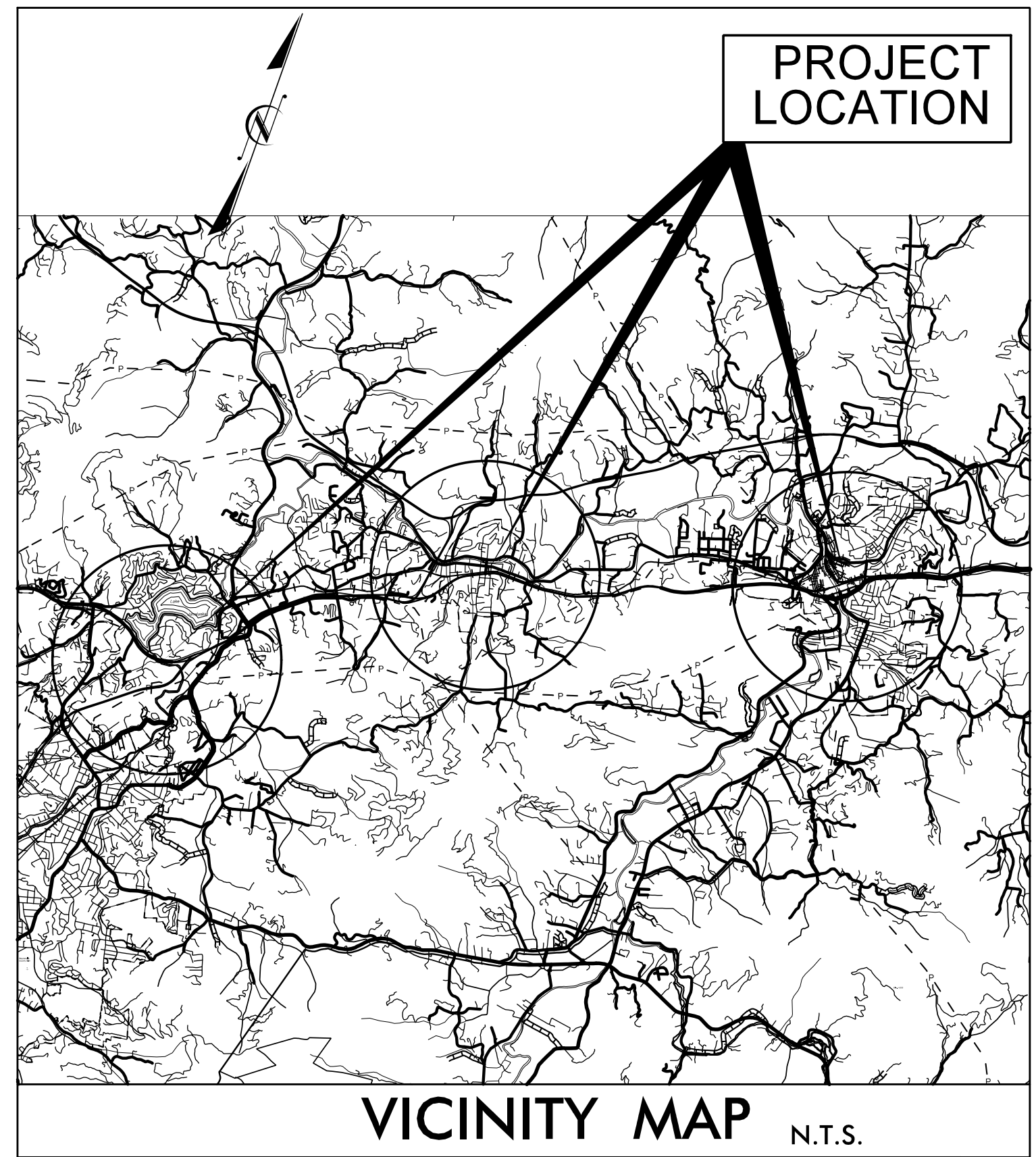
LOCATION: HAYWOOD COUNTY

- SITE 1 - US 19 (DELLWOOD ROAD) AND HOLSTON VILLAGE ROAD
- SITE 2 - US 19 (DELLWOOD ROAD) AND SOUTH LAKESHORE DRIVE
- SITE 3 - US 19 /23 (CAROLINA BOULEVARD) AND SMATHERS STREET
- SITE 4 - US 19 /23 (CAROLINA BOULEVARD) AND U.S. POST OFFICE
- SITE 5 - US 19 /23 (PARK STREET) AND MEDFORD STREET
- SITE 6 - US 19 /23 WB (PARK STREET) AND SR 1942 (ADAMS STREET)
- SITE 7 - US 19 /23 WB (PARK STREET) AND SR 1938 (ACADEMY STREET)
- SITE 8 - US 19 /23 WB (PARK STREET) AND CABE STREET (CITY STREET)
- SITE 9 - US 19 /23 (CHURCH STREET) AND HAMPTON HEIGHTS
- SITE 10 - SR 1642 (BRIDGE STREET) MIDBLOCK BETWEEN CHURCH STREET AND NEWFOUND STREET
- SITE 11 - SR 1643 (BRIDGE STREET) AND NEWFOUND STREET

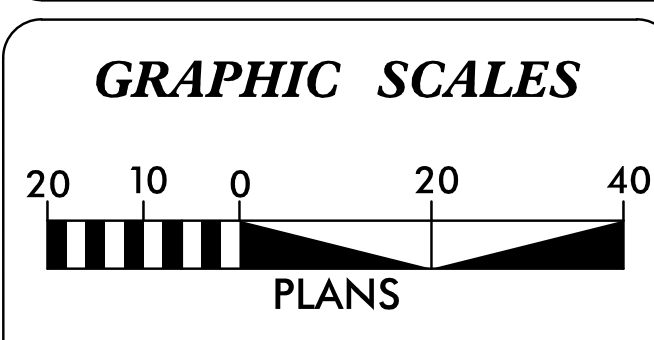
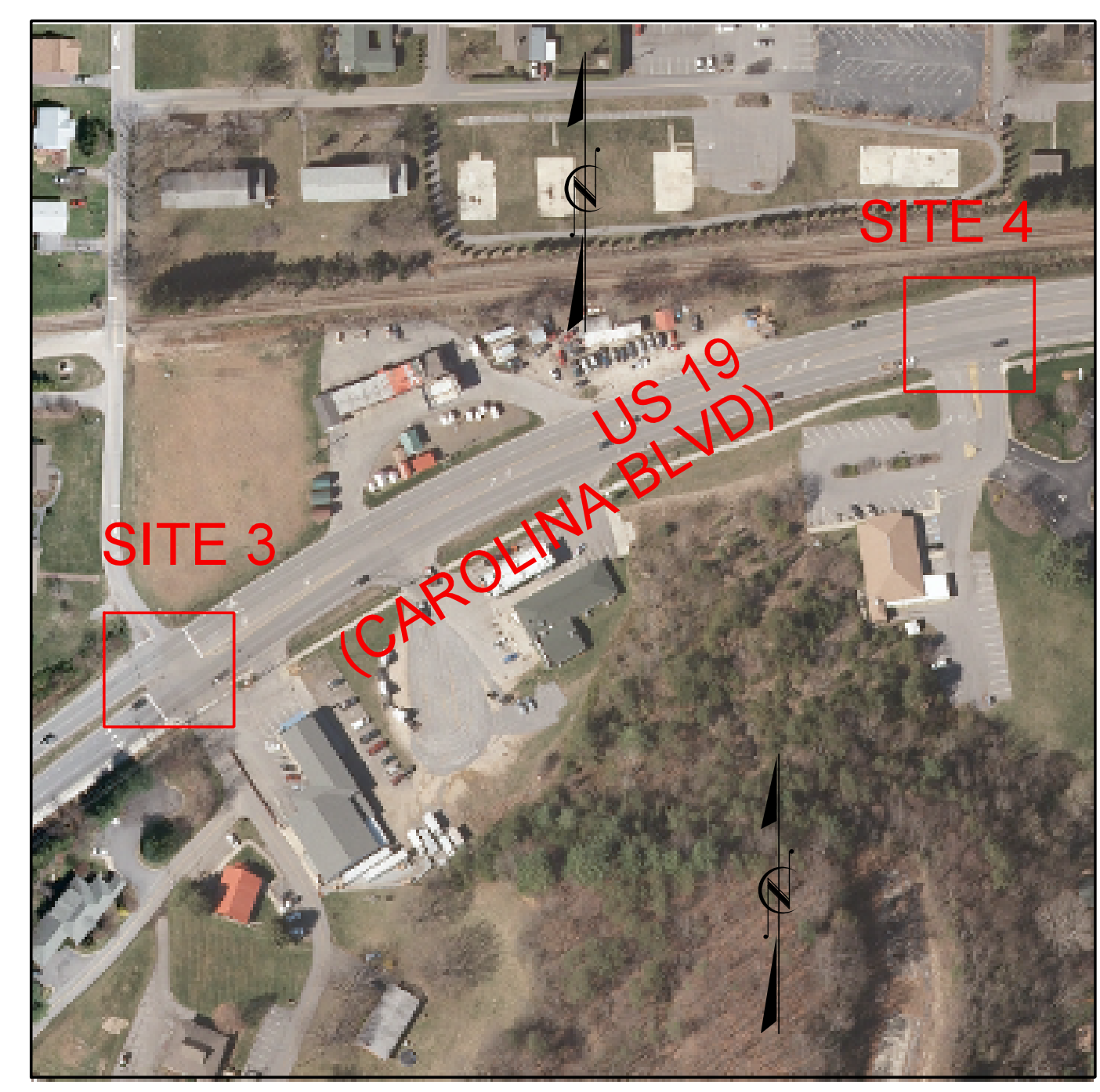
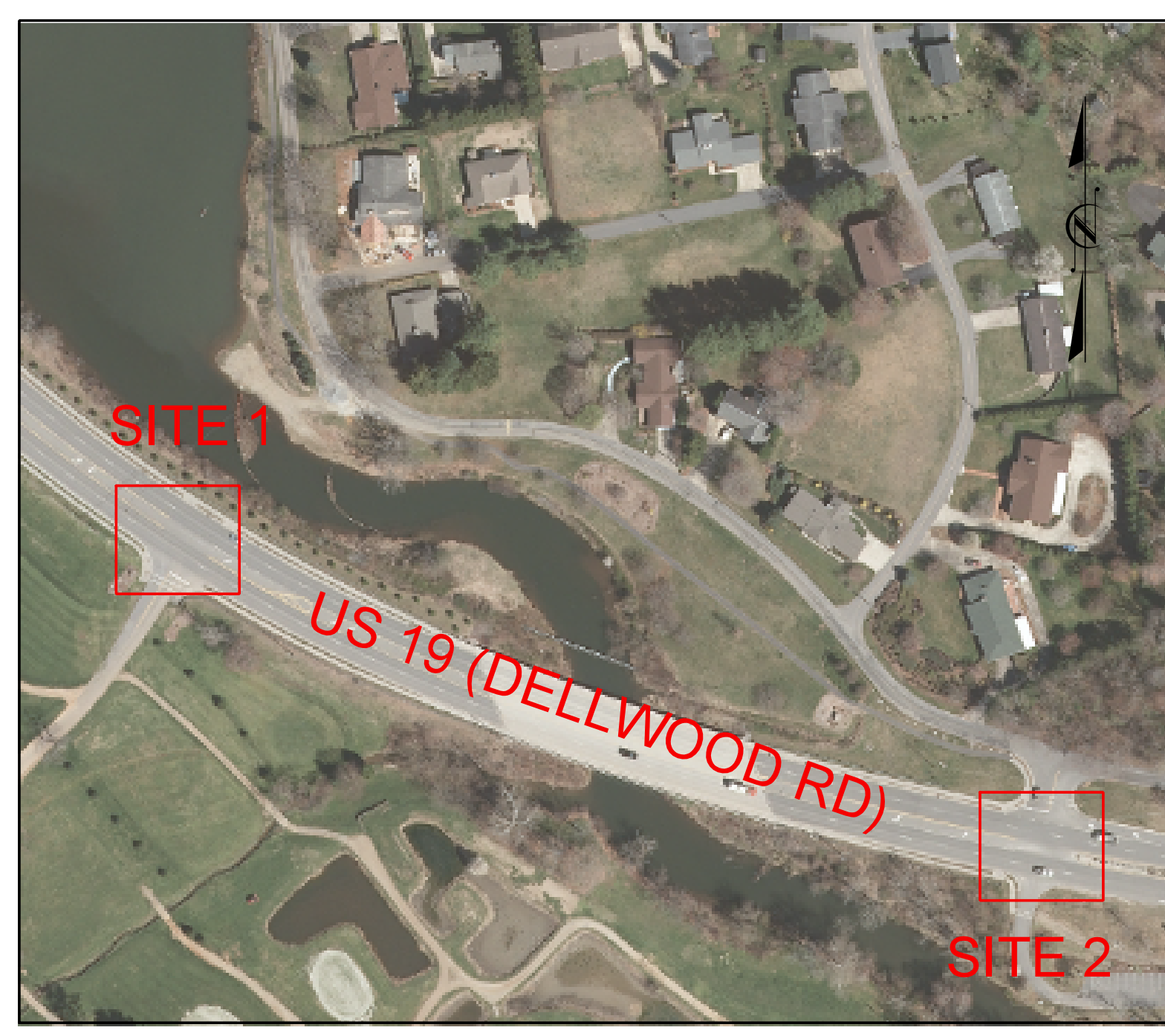
TIP PROJECT: R-5794B

CONTRACT: DN00651

See Sheet 1A For Index of Sheets



TYPE OF WORK: CURB RAMPS



DESIGN DATA

ADT 2015 =	NA
ADT 2017 =	NA
DHV =	NA
D =	NA
T =	NA
V =	VARIES
* TTST =	NA
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: NOVEMBER 13, 2018

SIERRA HAYNES, PE
PROJECT ENGINEER

PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

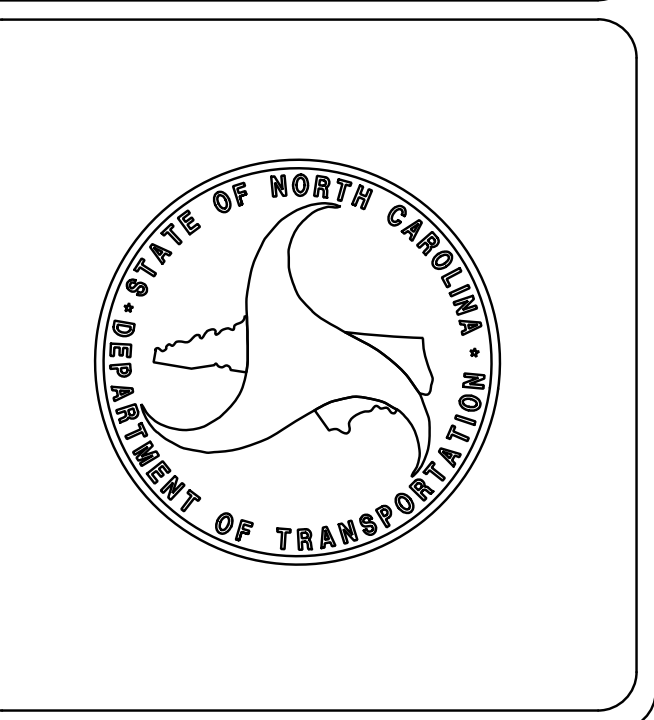
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ROADWAY DESIGN ENGINEER

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DocuSigned by:
Sierra Haynes

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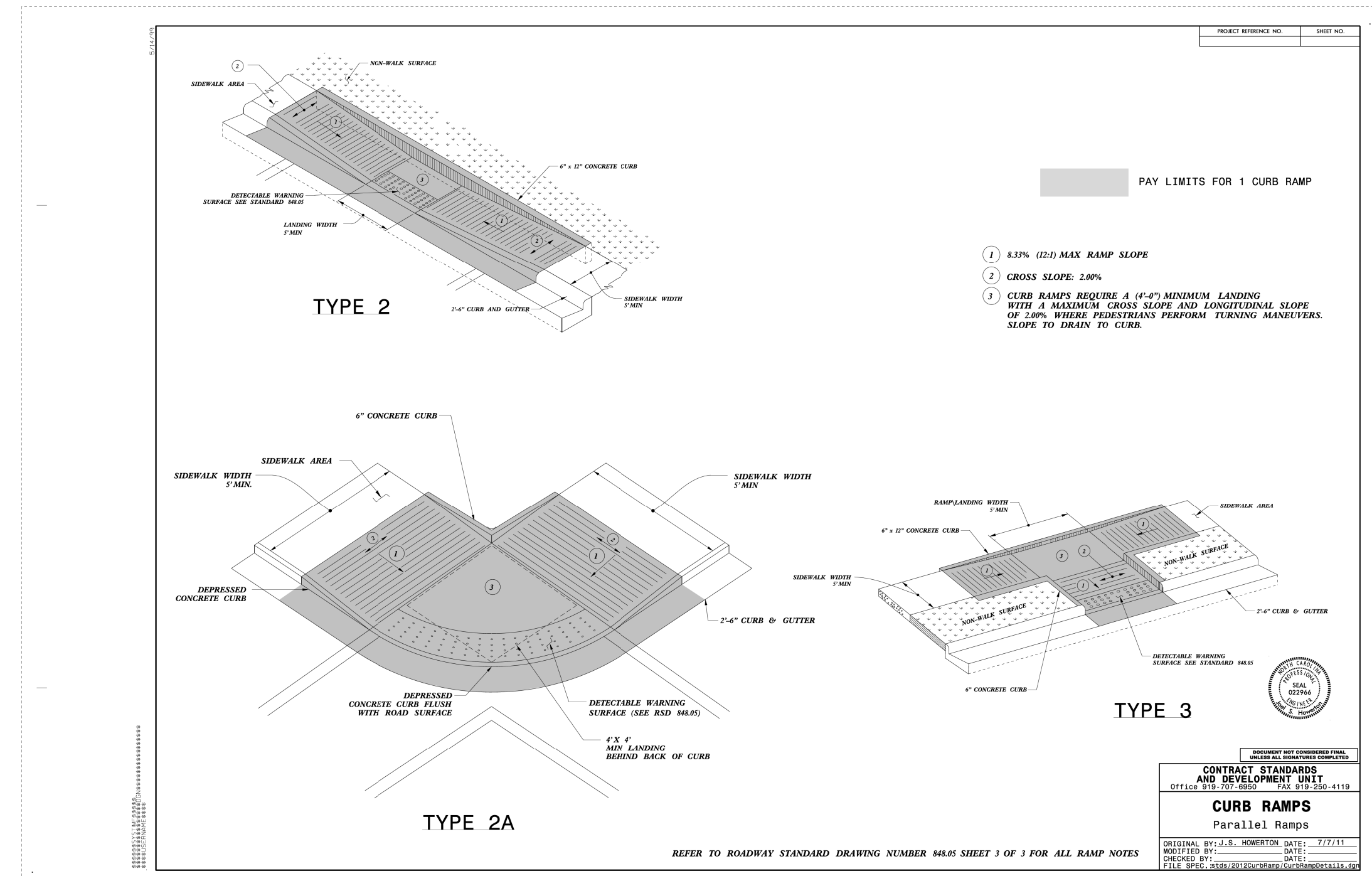
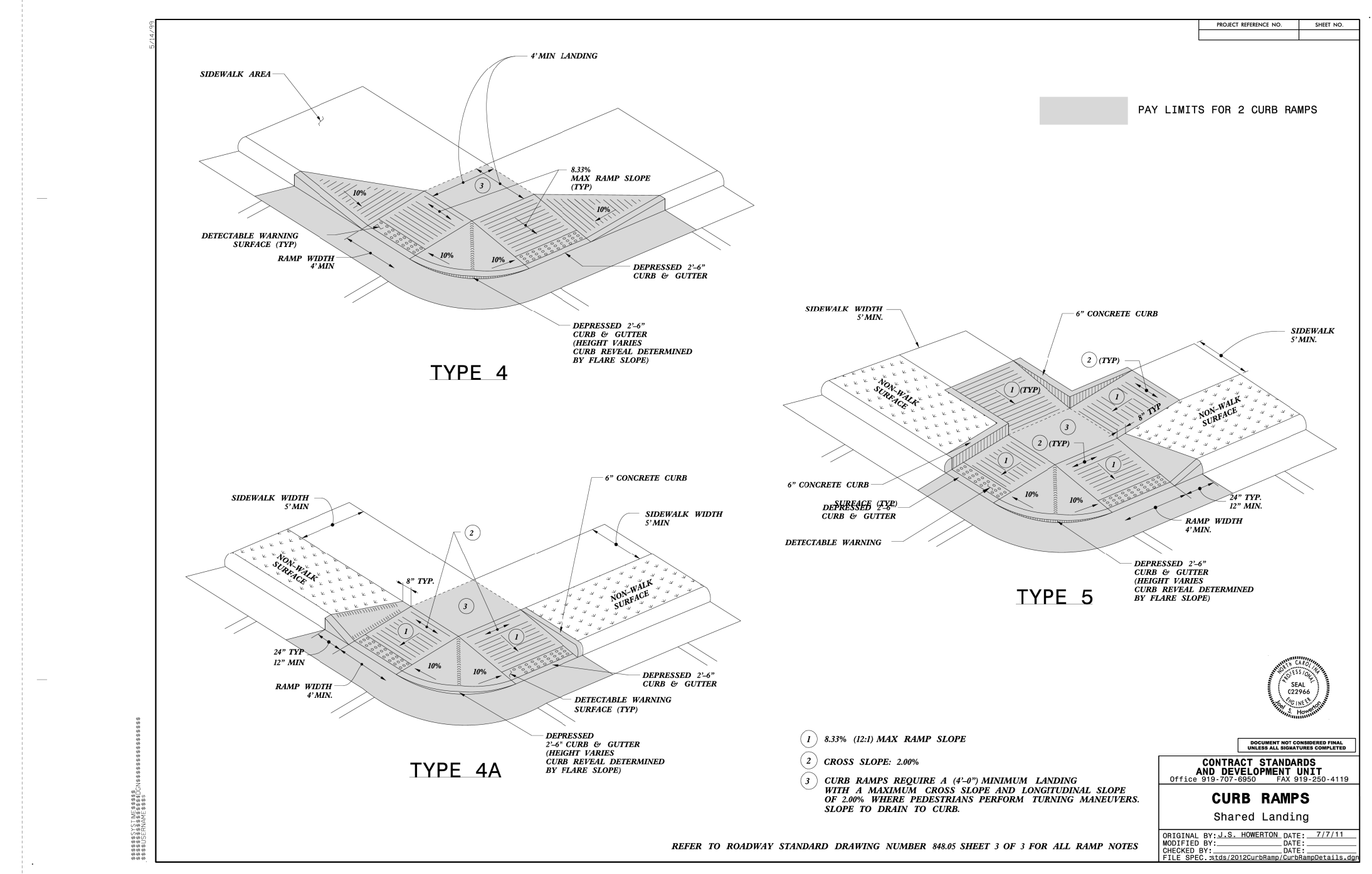
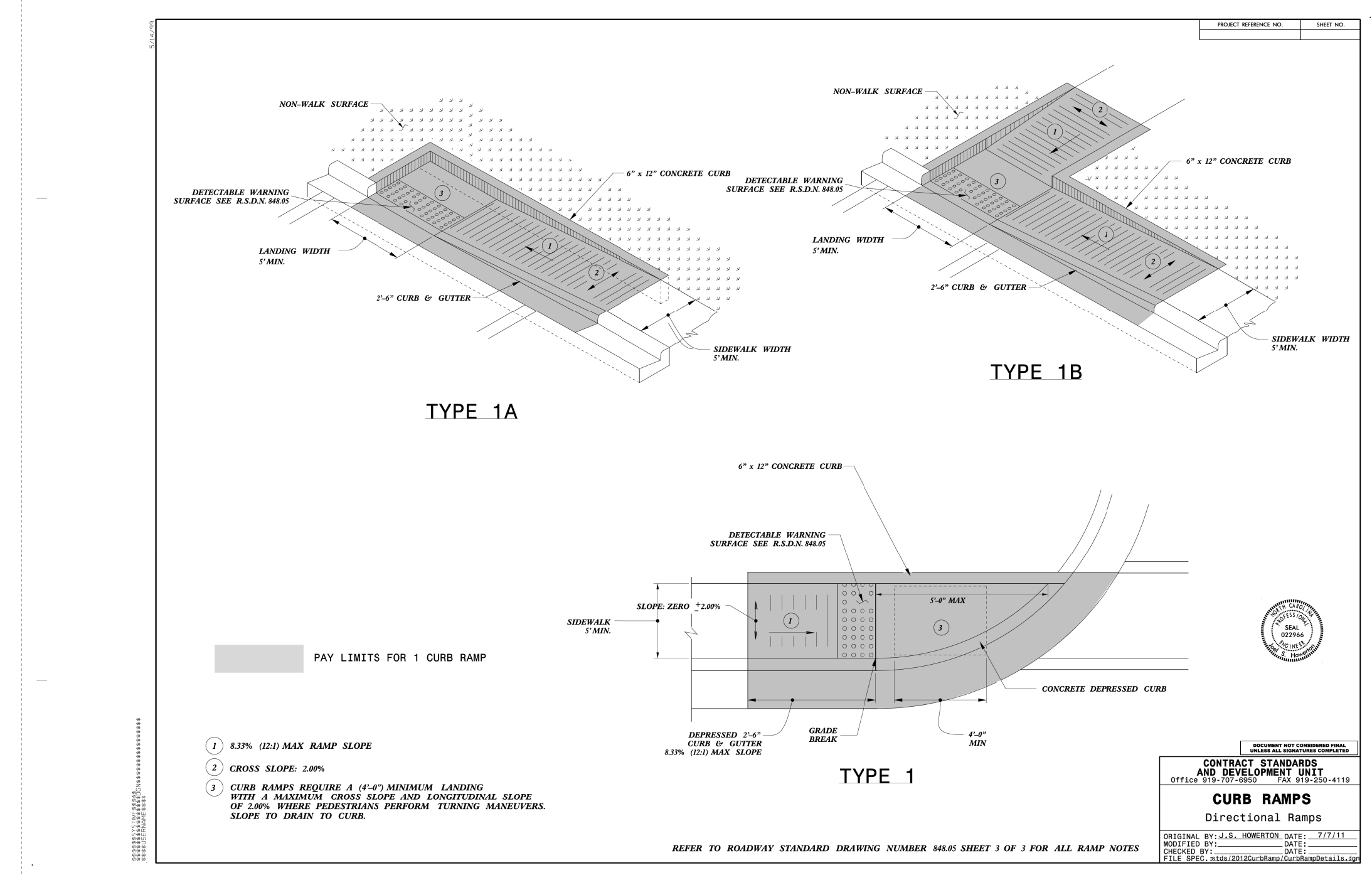


PROJECT REFERENCE NO.	SHEET NO.
R-5794B	1A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
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INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS
2C-1 – 2C-3	RAMP DETAILS
4 – 6	PLAN SHEETS

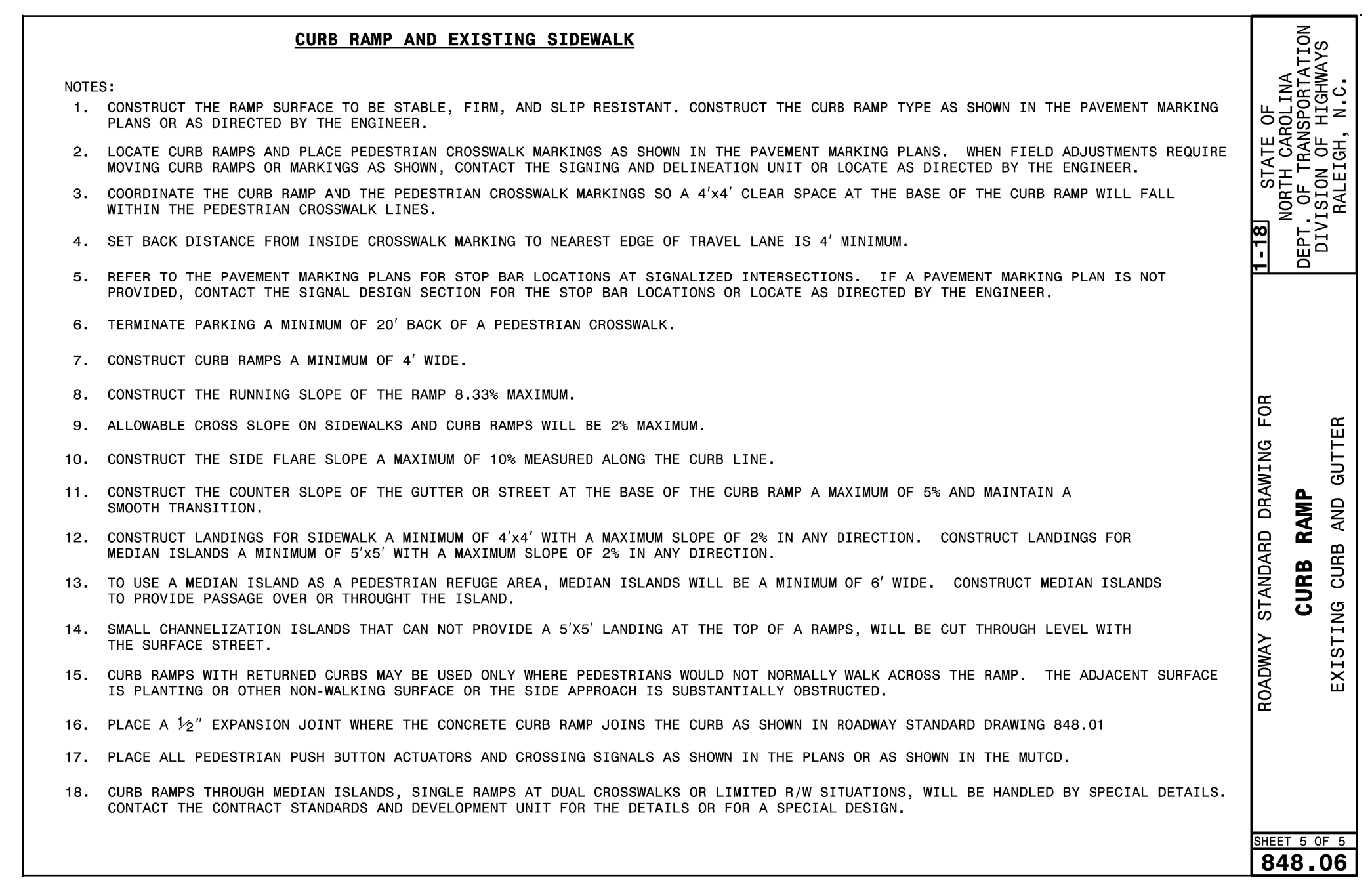
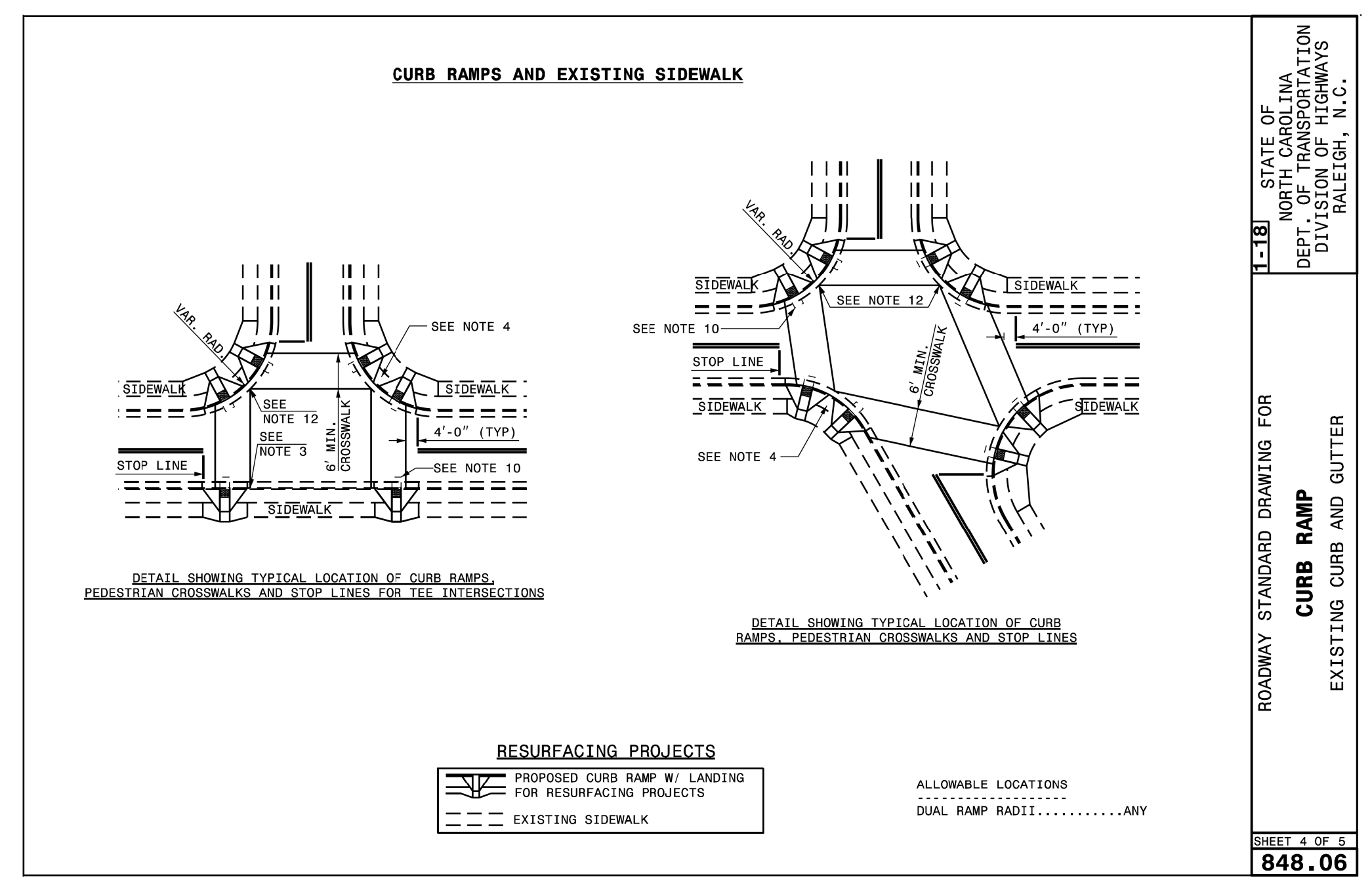
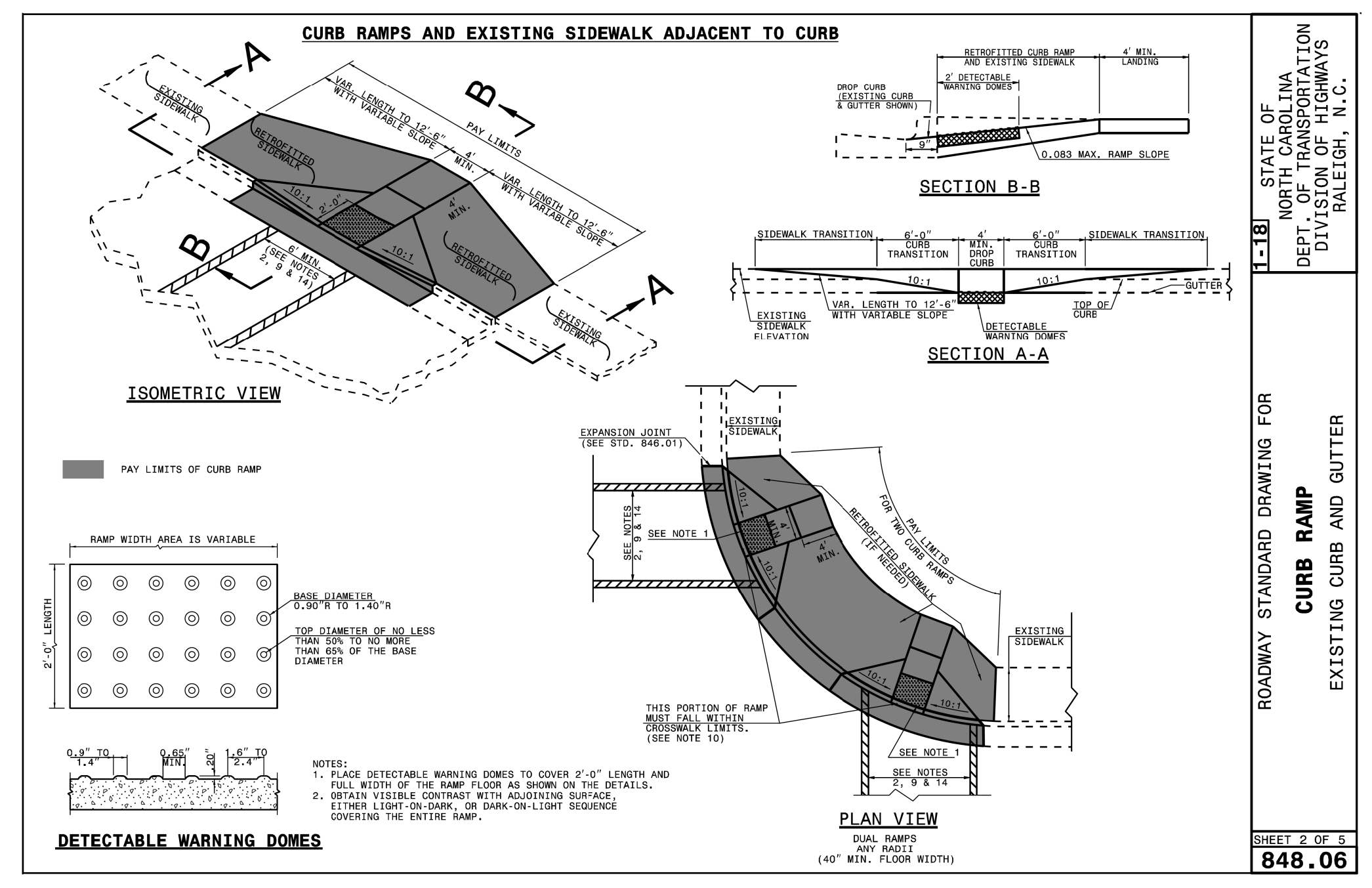
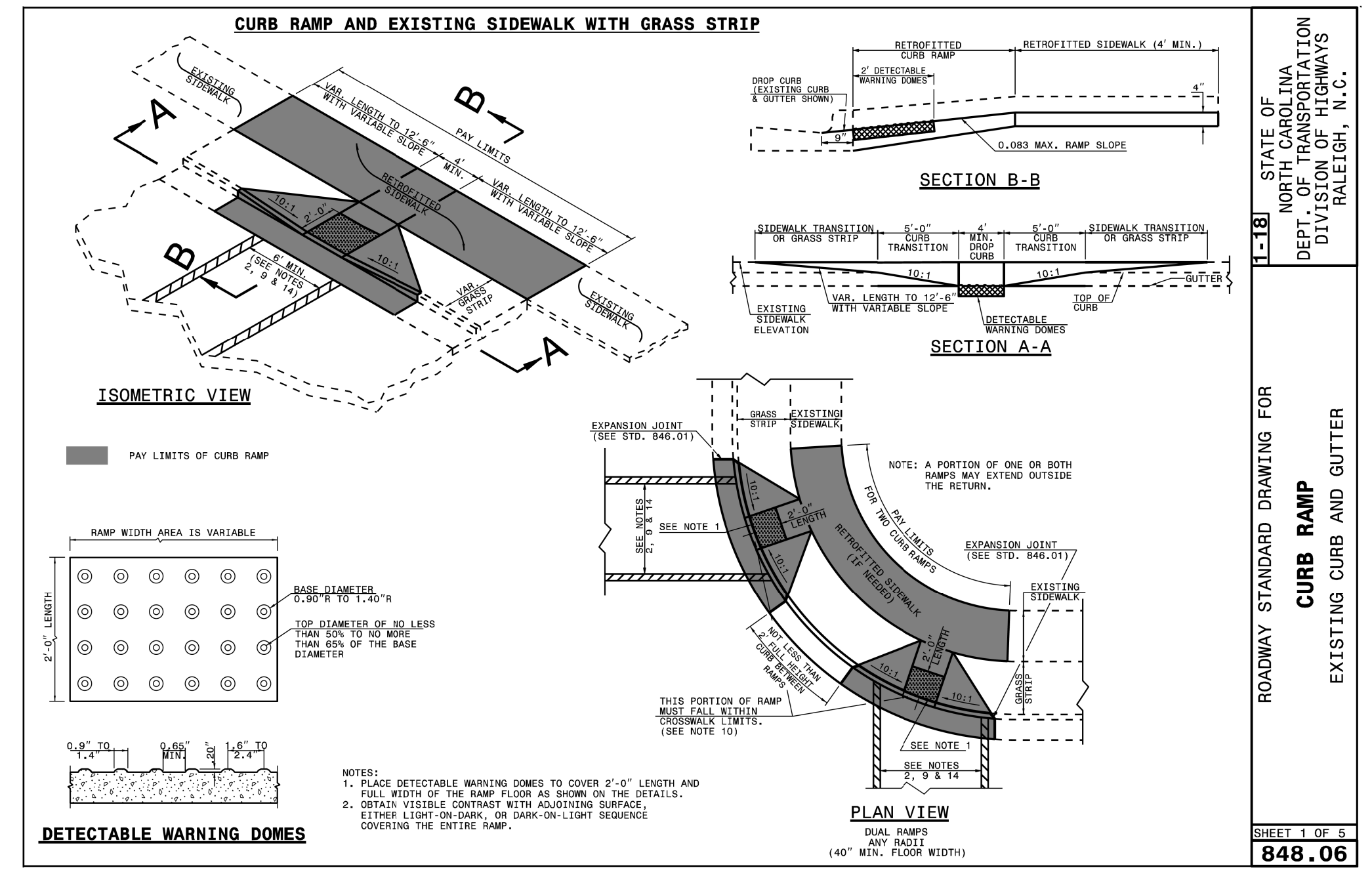
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- NOTES: 1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER. 2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN 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' BACK OF A 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 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. 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' LANDING AT THE TOP OF A 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. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED. 16. PLACE A 1/2\"/>

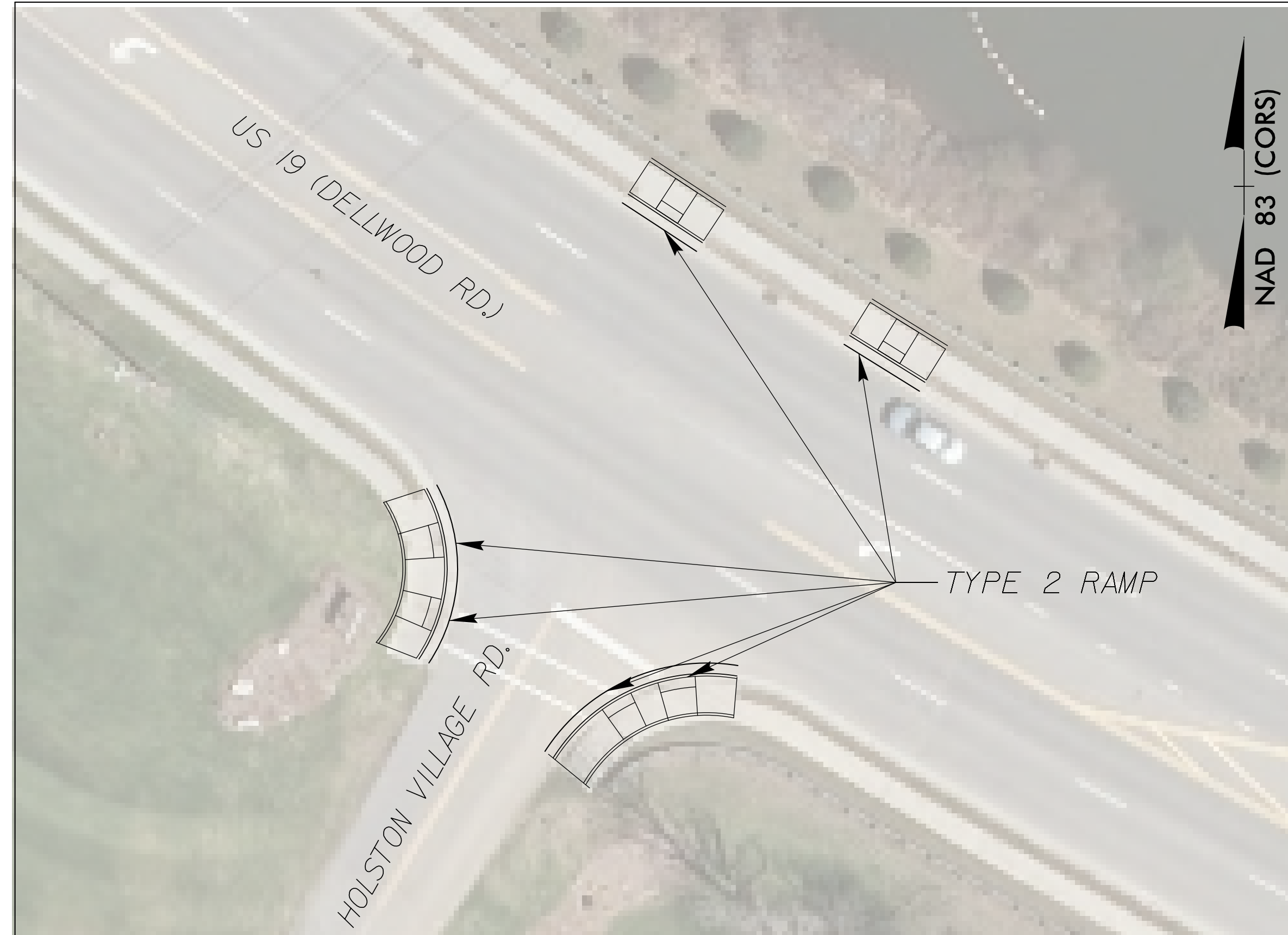
1-18) STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C. ROADWAY STANDARD DRAWING FOR CURB RAMPS NOTES SHEET 3 OF 3 848.05

8/17/99
 8/19/2018
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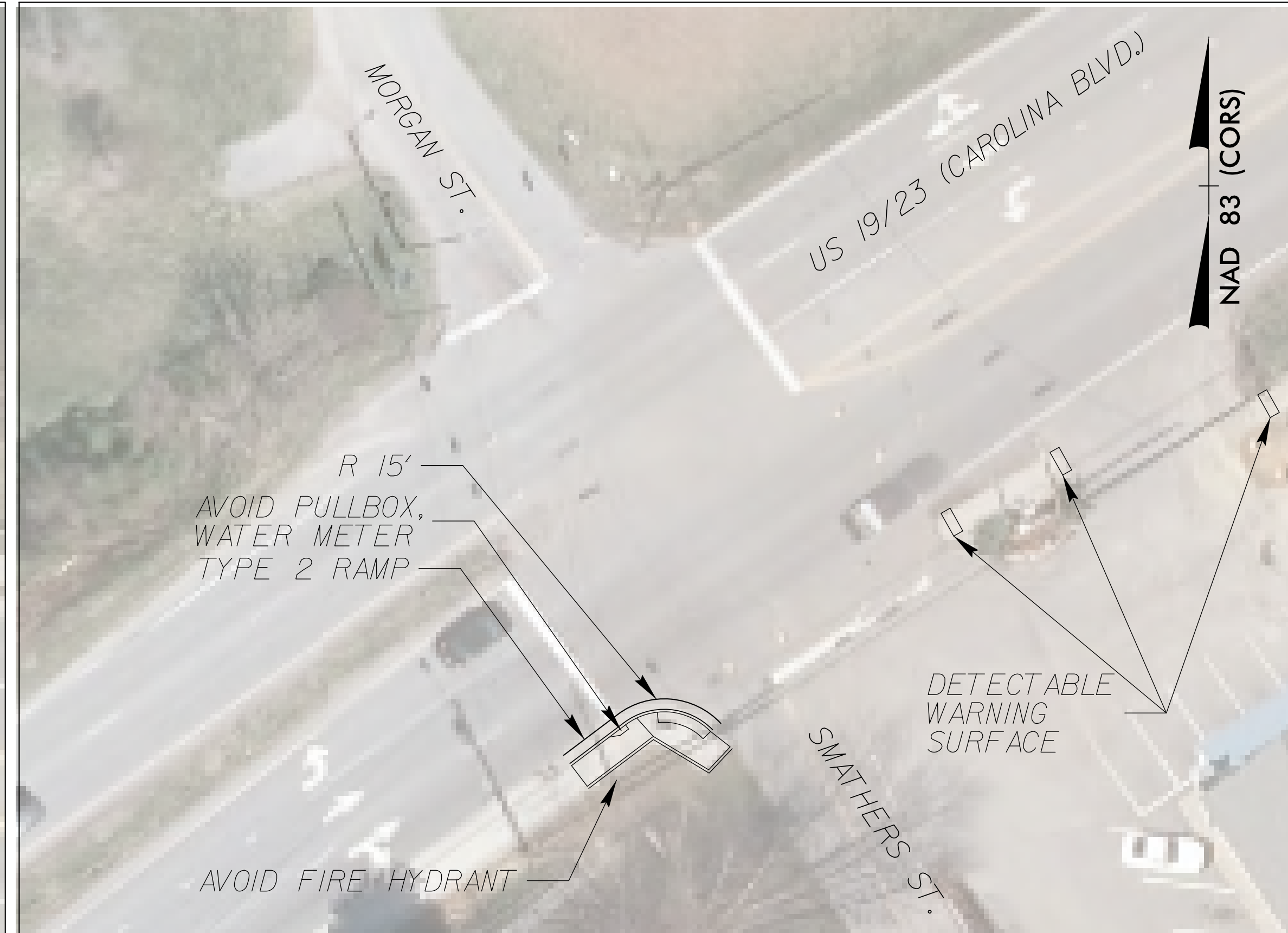


SITE PLAN SHEETS

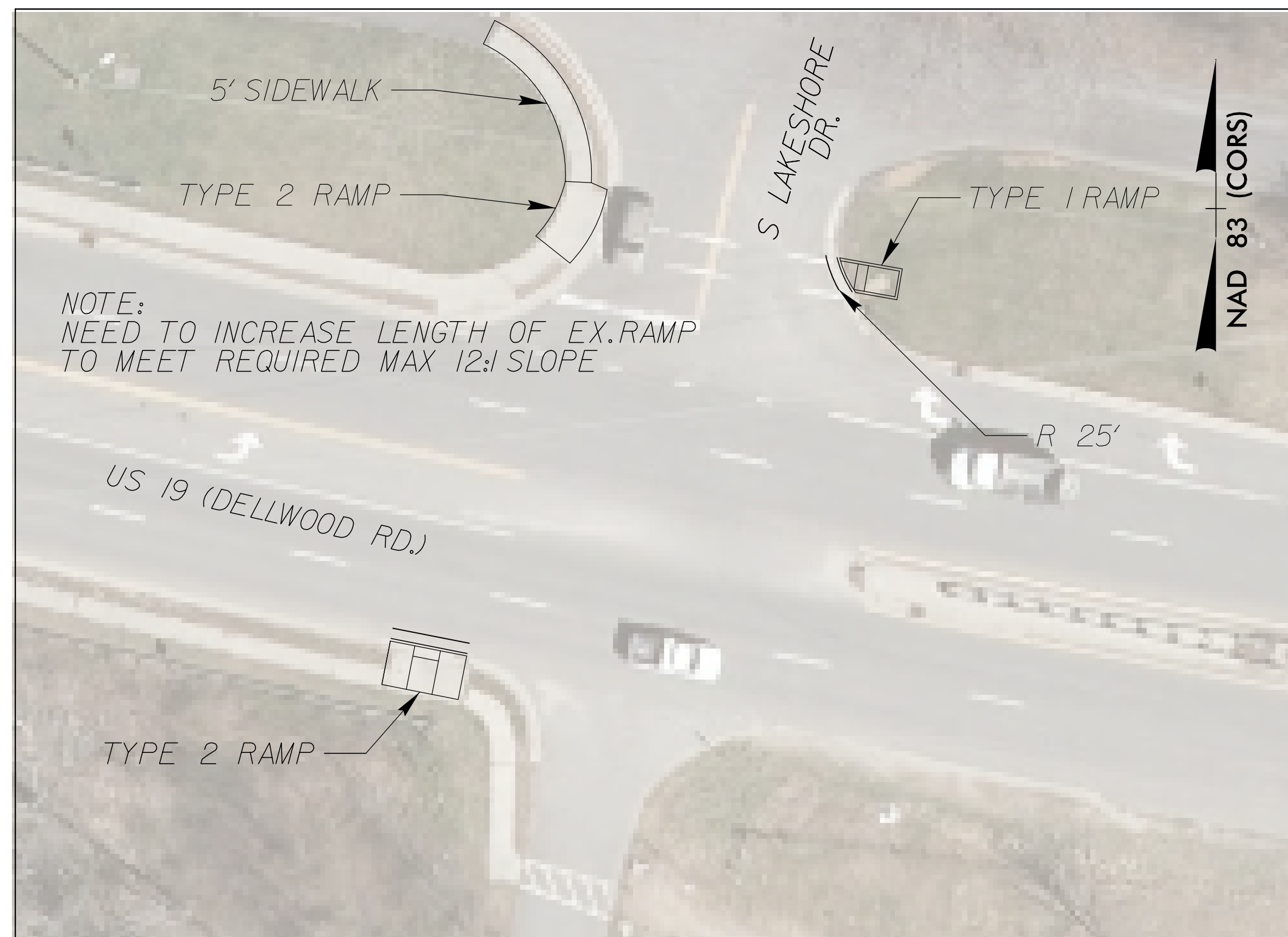
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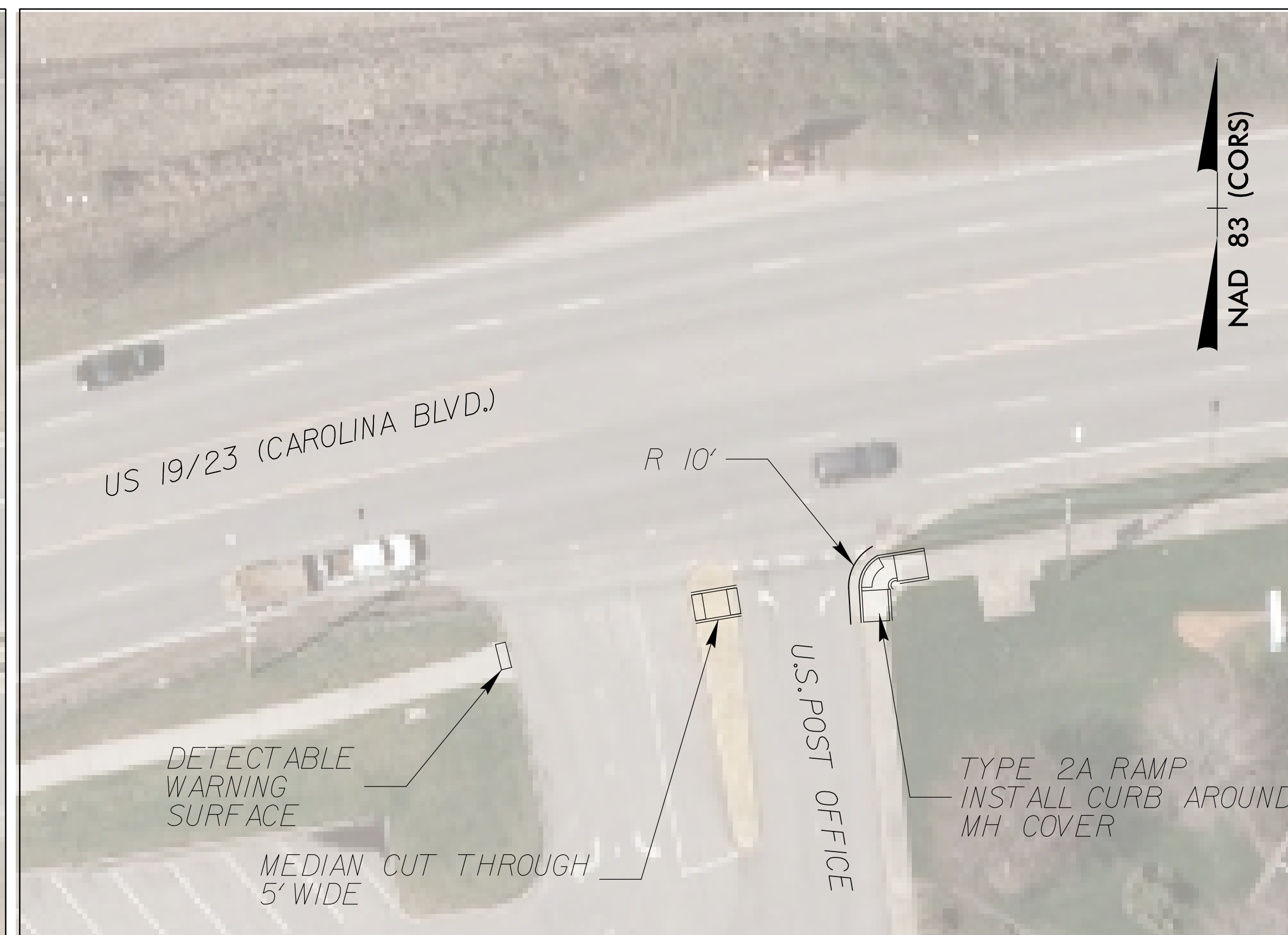
SITE 3 - US 19 AND SMATHERS STREET



SITE 2 - US 19 AND SOUTH LAKESHORE DRIVE



SITE 4 - US 19 AND U.S. POST OFFICE



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

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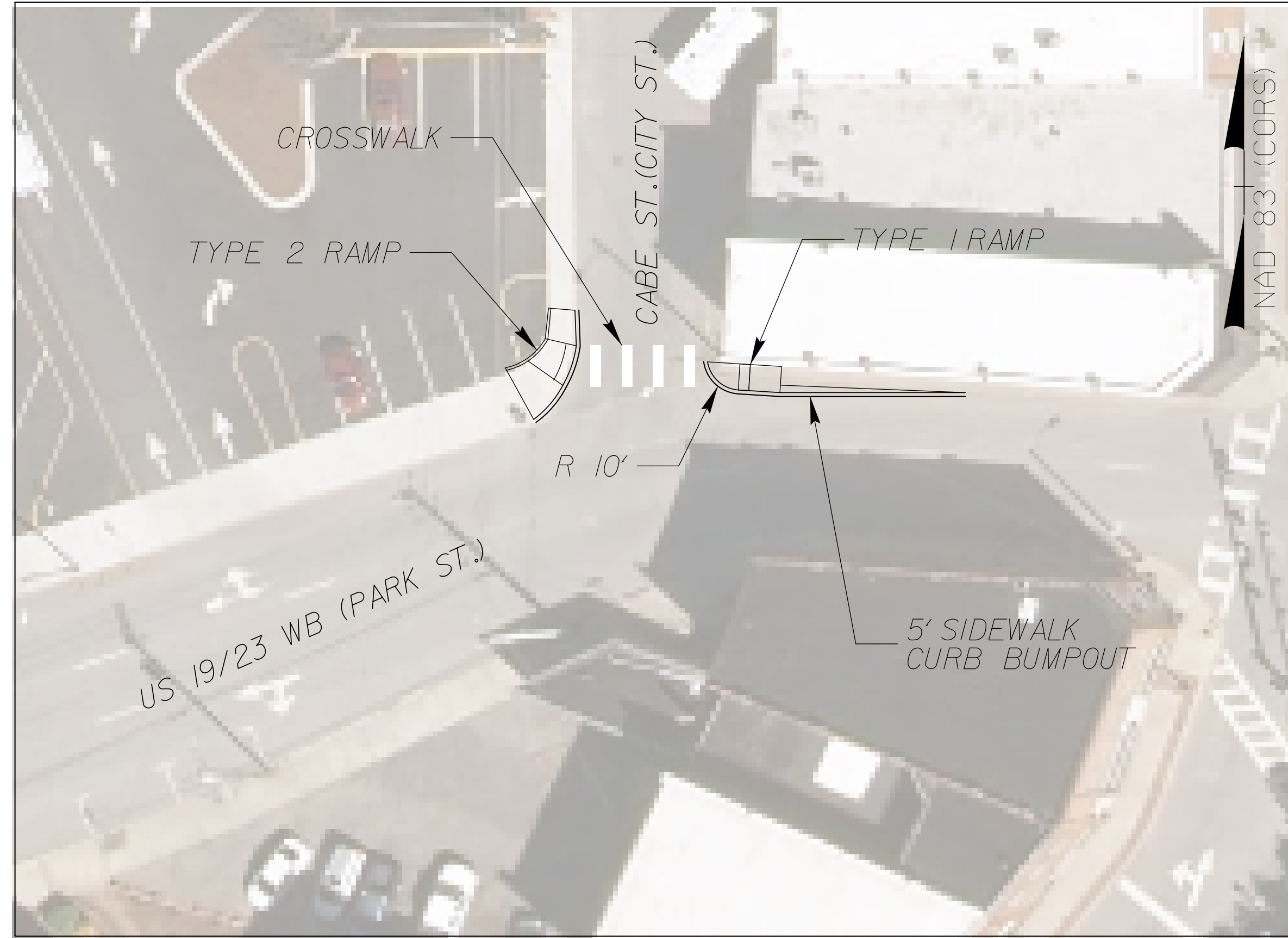
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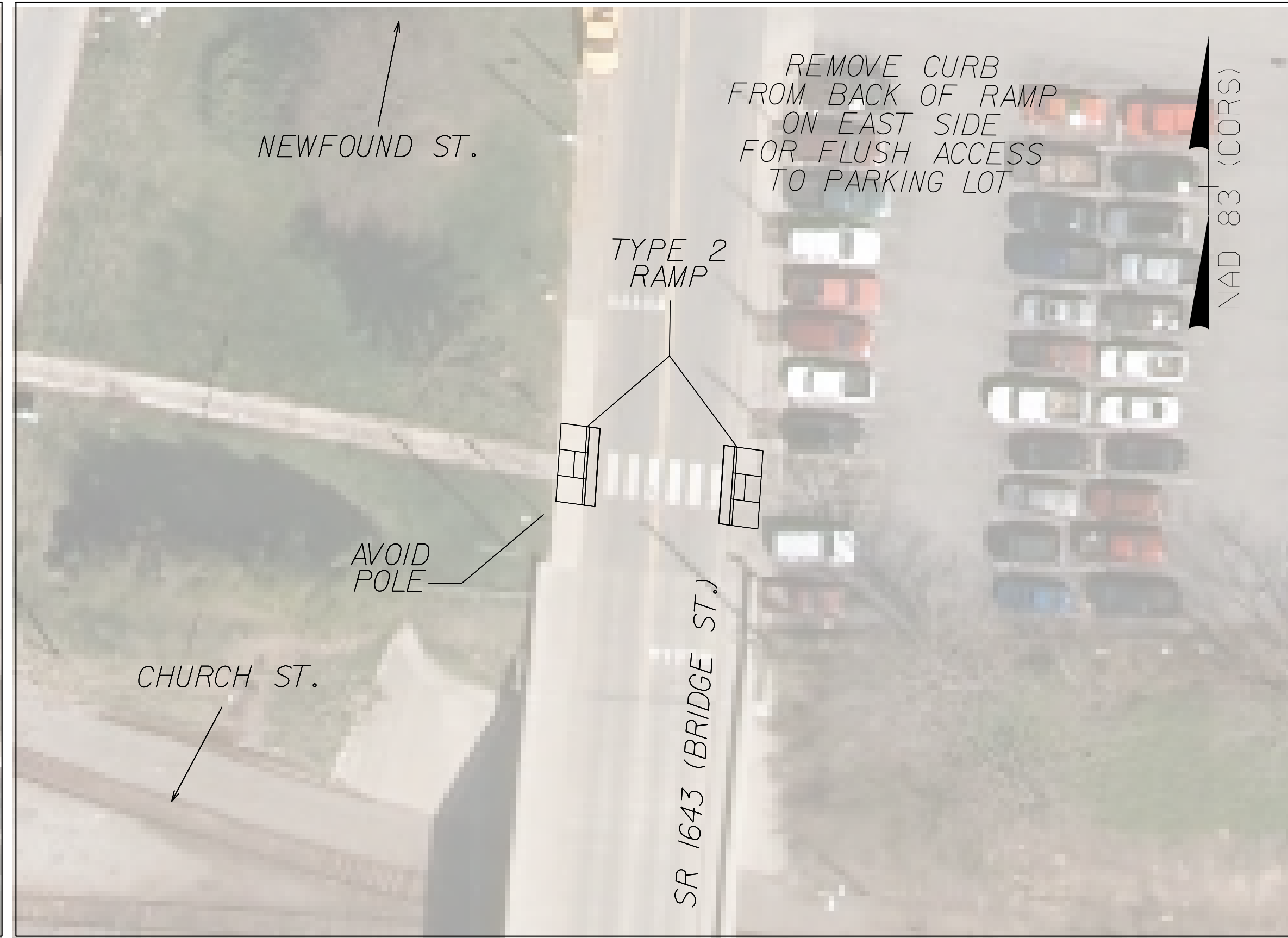
SITE PLAN SHEETS

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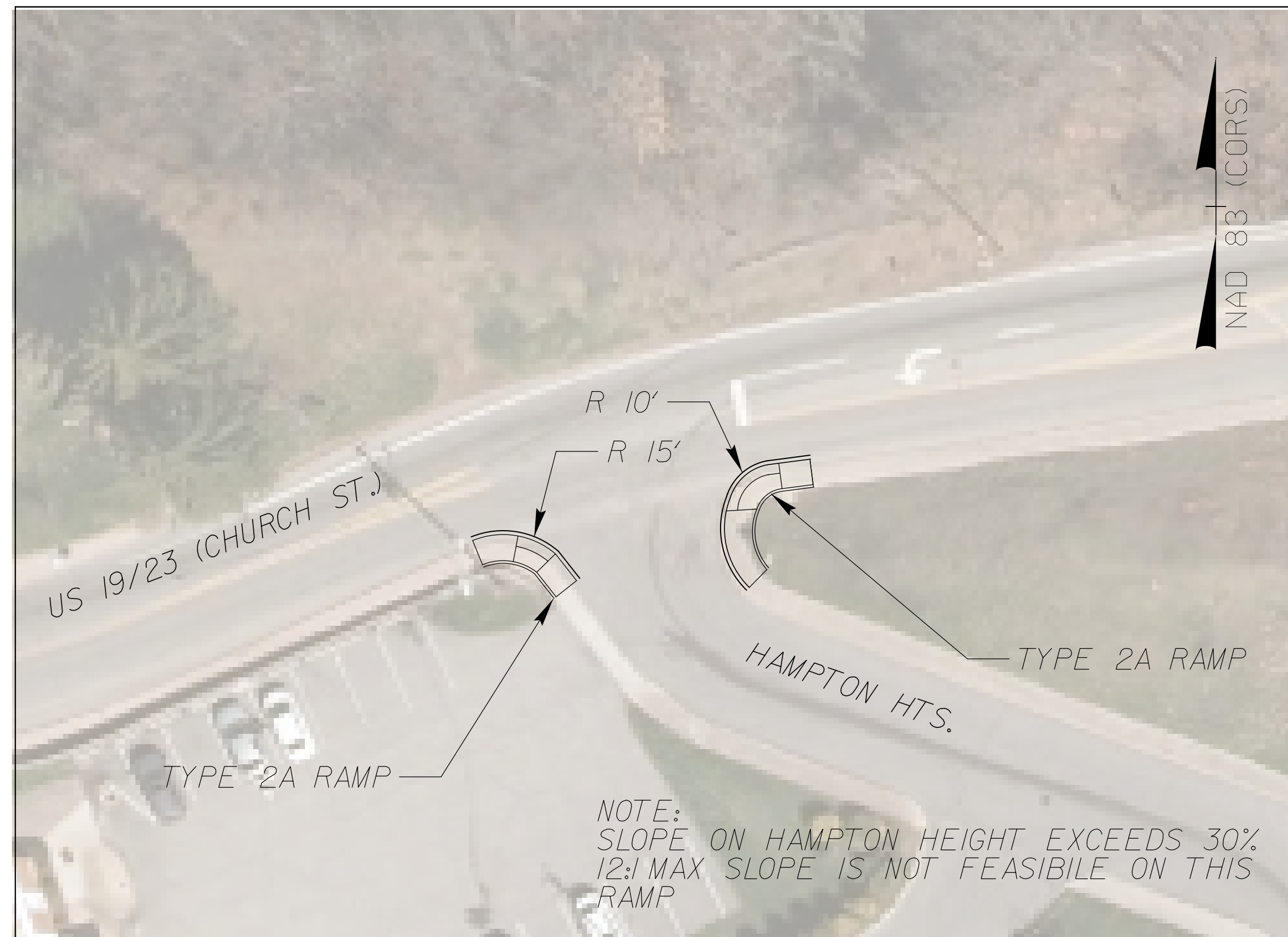
SITE 8 - US 19/23 WB AND CABE STREET



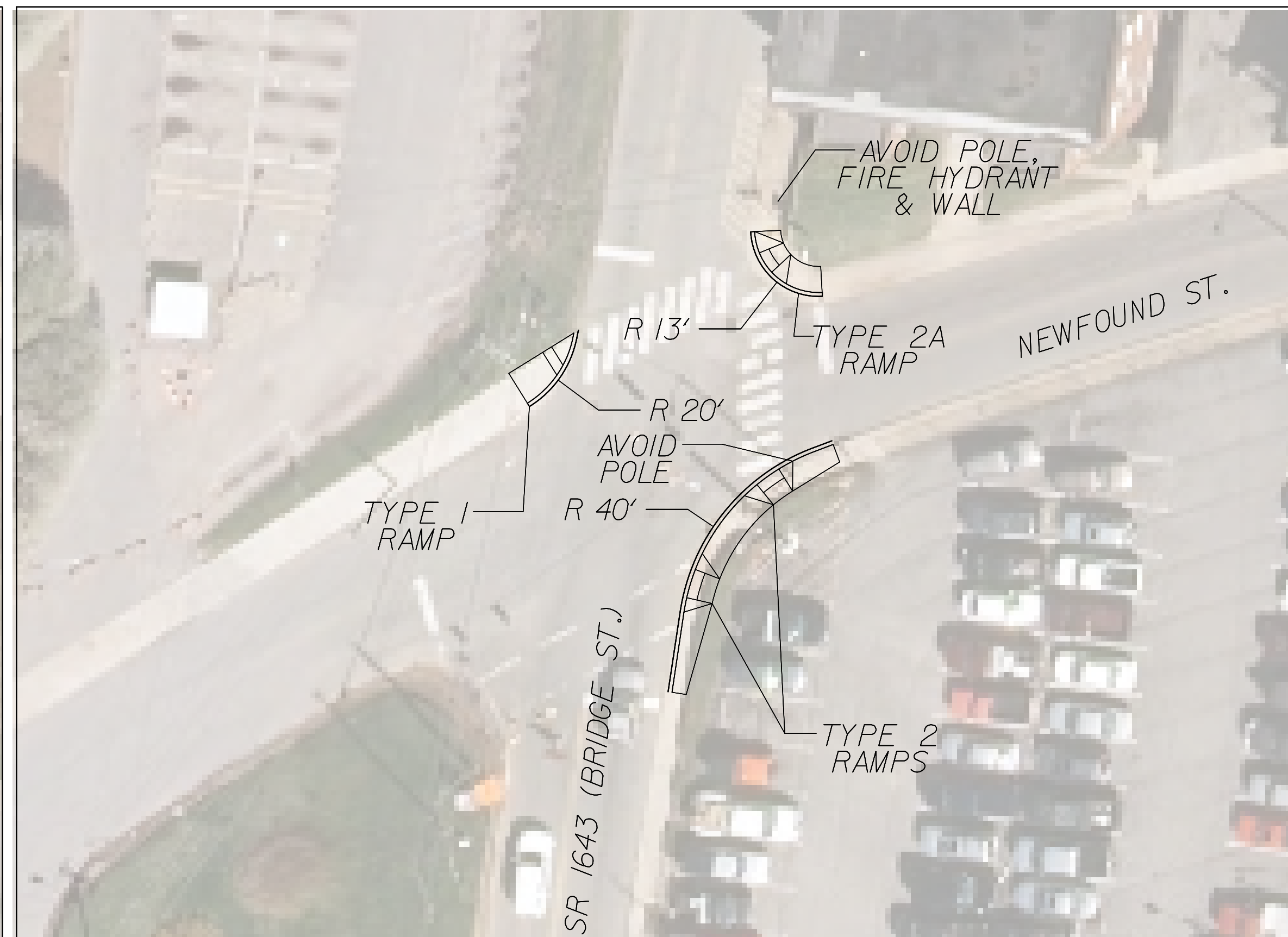
SITE 10 - SR 1643 (BRIDGE STREET) AND MIDBLOCK BETWEEN CHURCH STREET & NEWFOUND STREET



SITE 9 - US 19/23 AND HAMPTON HEIGHTS



SITE 11 - SR 1643 (BRIDGE STREET) AND NEWFOUND STREET



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

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