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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
YADKIN COUNTY**

**LOCATION: BRIDGE NO.105 OVER YADKIN RIVER OVERFLOW
ON US 421 NORTHBOUND LANES**

PROJECT REFERENCE NO. B-5389	SHEET NO. SIGN-1
APPROVED: <i>Renee B. Roach</i> <small>REBA30680316431</small>	
DATE: 5/22/2019	
SEAL 	
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T.I.P.: B-5389

CONTRACT: C204220

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	1536	LB.
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	1	C.Y.
4054000000	902	PLAIN CONCRETE SIGN FOUNDATION	1	C.Y.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	1	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)	1	EA.
4141000000	907	DISPOSAL OF SUPPORT, WOOD	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA.

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

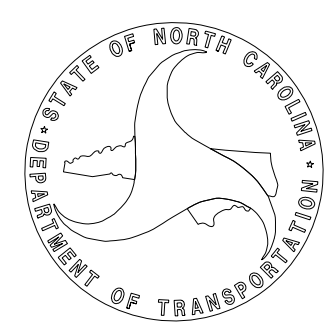
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.


PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN JORDAN SIGNING & DELINEATION REGIONAL ENGINEER
WALTER JOHNSON SIGNING & DELINEATION PROJECT DESIGN ENGINEER



INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	SUPPORT CHART
SIGN-3	SIGN DESIGNS
SIGN-4	SIGN DETAIL SHEET

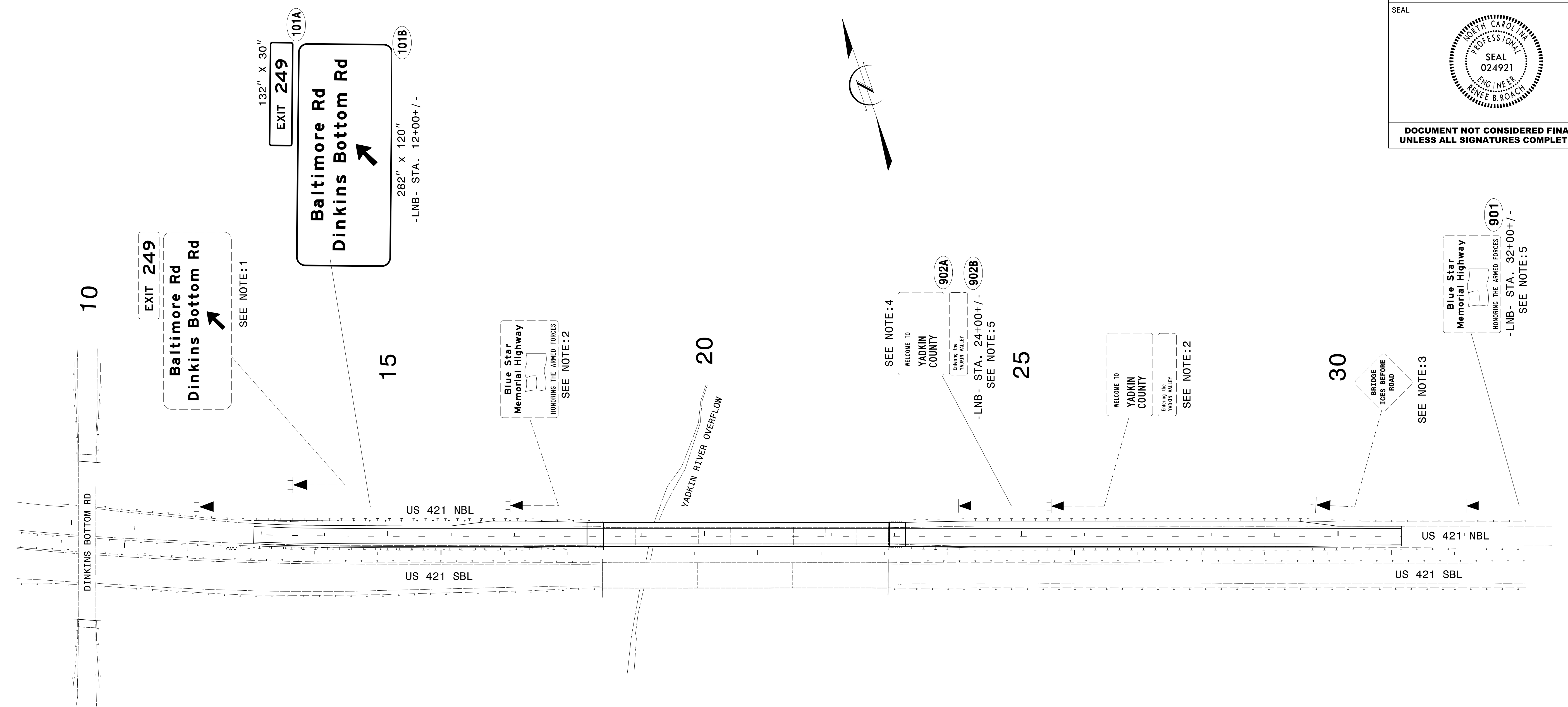
PROJECT REFERENCE NO. B-5389	SHEET NO. SIGN-2
APPROVED: <i>Renee B. Roach</i> <small>REBA30800316431</small>	
DATE: 5/22/2019	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SIGN					ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
		w	x	h																												
101A	B	132	x	30	LNB 12+00+/-	3	W6x16	S	N/A	1-R N/A	N/A N/A	0.00	8.34	10.00	7.00	4.5	1.00	18.00	22.50	1.00	18.00	22.50	1.00	18.00	22.50	0.00	1080	1.5	5	0.98	0.00	_____
101B	A	282	x	120																												
901	A	90	x	54	LNB 32+00+/-	2	S3x5.7	S	N/A	N/A	N/A	0.00	4.40	4.50	7.00	2.5	1.00	12.50	15.00	0.00	0.00	0.00	1.00	12.50	15.00	0.00	171	1.0	3	0.00	0.17	_____
902A	A	108	x	60	LNB 24+00+/-	2	S4x7.7	S	N/A	N/A N/A	N/A II	0.00	5.27	7.00	7.00	3.5	1.00	15.00	18.50	0.00	0.00	0.00	1.00	15.00	18.50	0.00	284.9	1.0	4	0.00	0.23	_____
902B	B	108	x	24																												

TOTAL	TOTAL	TOTAL	TOTAL
0.00	1535.90	0.98	0.41
USE:	0.00	1536.00	1.00

SUPPORT CHART

04/04/19
 R:\Prof\cadd\Signing\CADD\Sign Designs\Bridgeseed.dgn
 Jester@lcr-johnson



PROJECT NOTES

- 1 DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- 2 DISPOSAL OF SUPPORT, WOOD
- 3 DISPOSAL OF SIGN SYSTEM, WOOD
- 4 SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)
- 5 SIGN ERECTION, RELOCATE SIGN TYPE B (GROUND MOUNTED)

SIGN DETAIL SHEET