

B-5541

SIGN02

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

Signed by:

APPROVED:Brittany N Groom1E09340E104484...

DATE:3/6/2025

SEAL:

NORTH CAROLINA
PROFESSIONAL
SEAL
052936
ENGINEER
BRITTANY N GROOM

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SUPPORT CHART

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					
NUMBER	TYPE	SIZE (in.)												SNS HT	MTG HT	EMBED- MENT										B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)		
		w	x	h										"H"	"C"		S	L	LENGTH	S	L	LENGTH	S	L	LENGTH								
101	A	96	x	60	-L- 41+00	2	W6x9	BA	N/A	N/A	N/A	7.80	4.69	5.00	7.00	3.0	4.50	16.50	19.50	0.00	0.00	0.00	6.85	18.85	21.85	436.15	0	1.5	3.5	0.46	0.00		
102	A	96	x	60	-L- 41+00	2	W6x9	BA	N/A	N/A	N/A	7.80	4.69	5.00	7.00	2.5	4.90	16.90	19.40	0.00	0.00	0.00	3.00	15.00	17.50	396.10	0	1.5	3	0.39	0.00		
																								TOTAL	TOTAL	TOTAL				TOTAL			
																								832.25	0.00	0.85				0.00			
USE:																								833.00	0.00	1.00				0.00			

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

Plans Prepared By:

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