	TIP NO.	SHEET NO.
	B-5980	SIGN-02

APPROVED: *Jeffrey A. Koontz*
DATE: 4/15/2020

SEAL

NORTH CAROLINA
PROFESSIONAL
SEAL
018122
ENGINEER
JEFFREY A. KOONTZ

**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)
		SIZE (in.)												SNS HT "H"	MTG HT "C"	EMBED-MENT										B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
NUMBER	TYPE	w	x	h													S	L	LENGTH	S	L	LENGTH	S	L	LENGTH							
101	A	84	x	78	Y1 51+00	2	S4x7.7	BA	N/A	N/A	N/A	24.00	4.10	6.50	7.00	3.0	2.63	16.13	19.13	0.00	0.00	0.00	3.72	17.22	20.22	343.00	0	1.0	3.5	0.00	0.20	_____
102	A	78	x	78	Y1 28+85	2	S3x5.7	BA	N/A	N/A	N/A	40.00	3.81	6.50	7.00	2.5	0.13	13.63	16.13	0.00	0.00	0.00	0.29	13.79	16.29	220.79	0	1.0	3	0.00	0.17	_____
103	A	102	x	78	Y1 44+78	2	W6x9	BA	N/A	N/A	N/A	24.00	4.98	6.50	7.00	3.0	3.35	16.85	19.85	0.00	0.00	0.00	5.48	18.98	21.98	440.47	0	1.5	3.5	0.46	0.00	_____
104	A	96	x	78	Y1 41+38	2	W6x9	BA	N/A	N/A	N/A	24.00	4.69	6.50	7.00	3.0	5.11	18.61	21.61	0.00	0.00	0.00	4.50	18.00	21.00	447.49	0	1.5	3.5	0.46	0.00	_____

TOTAL 1451.75 TOTAL 0.00   TOTAL 0.92 TOTAL 0.38

USE: 1452.00   0.00   1.00   1.00

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.

SIGN NOS.

6' MIN. 10' DESIRABLE
EDGE OF THRUWAY OR TAPER

6' MIN. 10' DESIRABLE
EDGE OF RAMP

PAVED SHOULDERS

TYPICAL ELEVATION
GROUND MOUNTED SIGNS

EDGE OF TRAVEL LANE
PAVED SHOULDER
SEE NOTE NO. 1
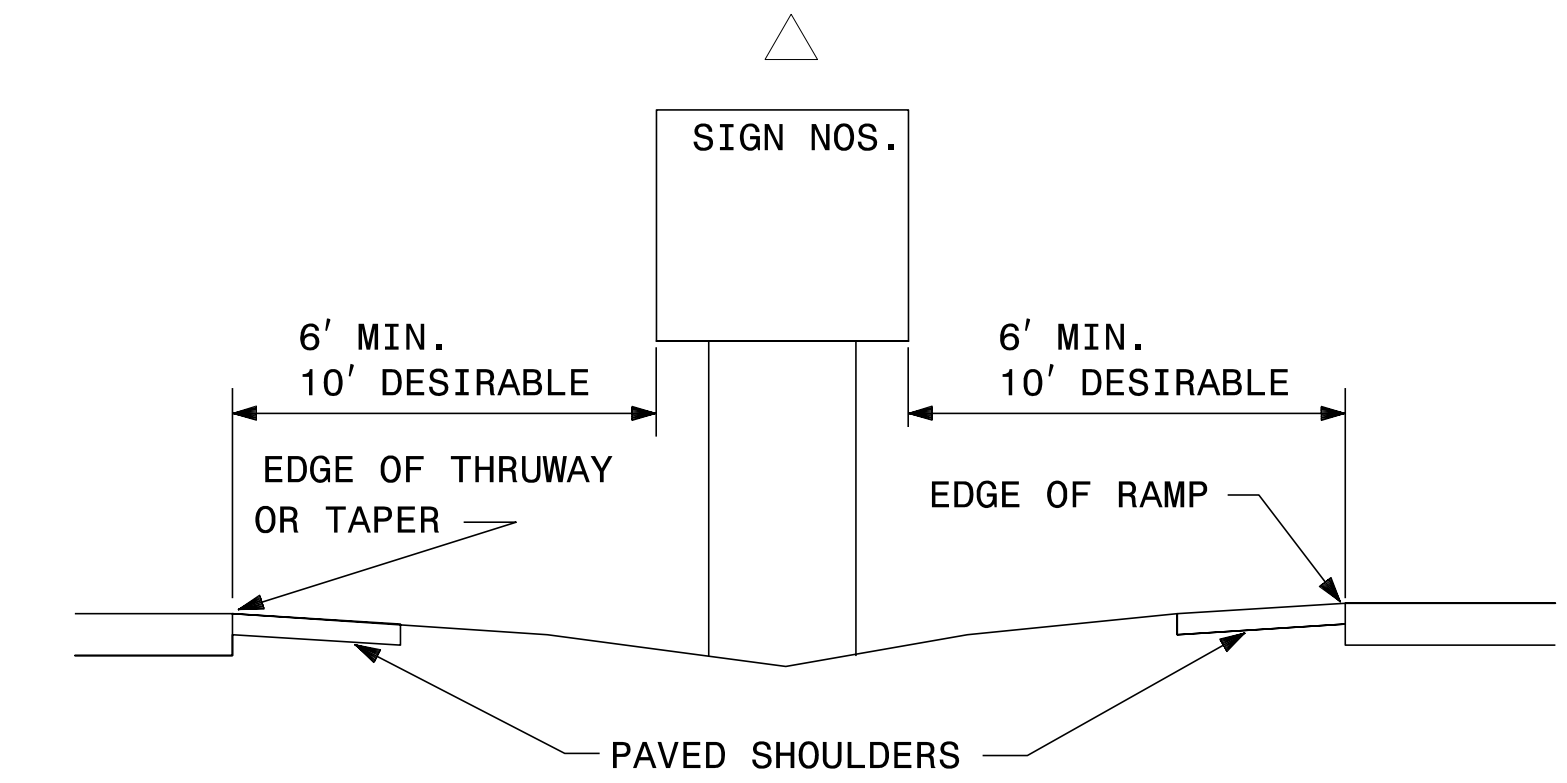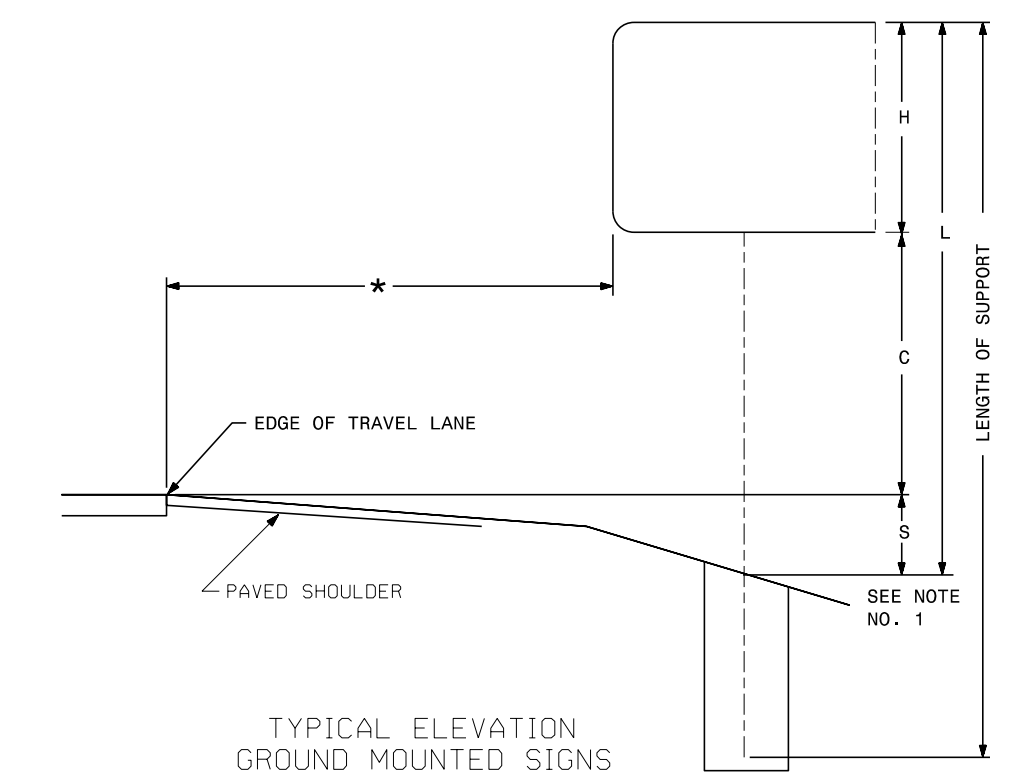
**TYPE "A" AND TYPE "B"
GROUND MOUNTED SIGNS**