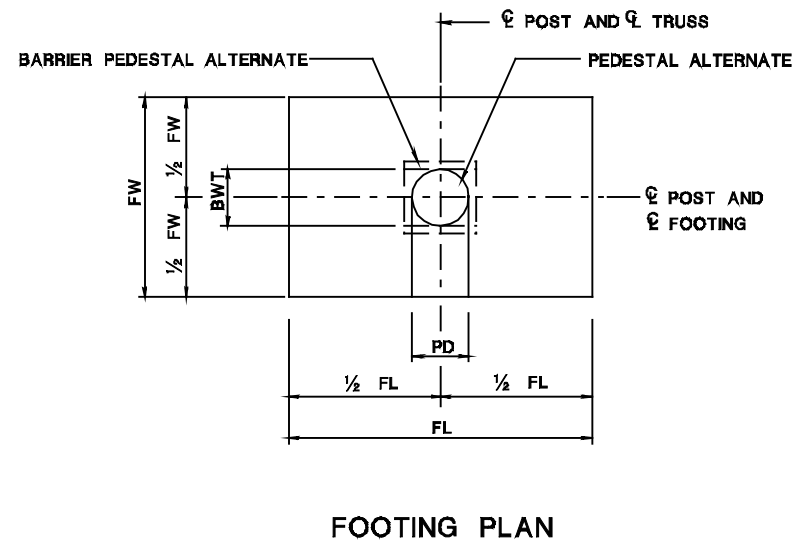
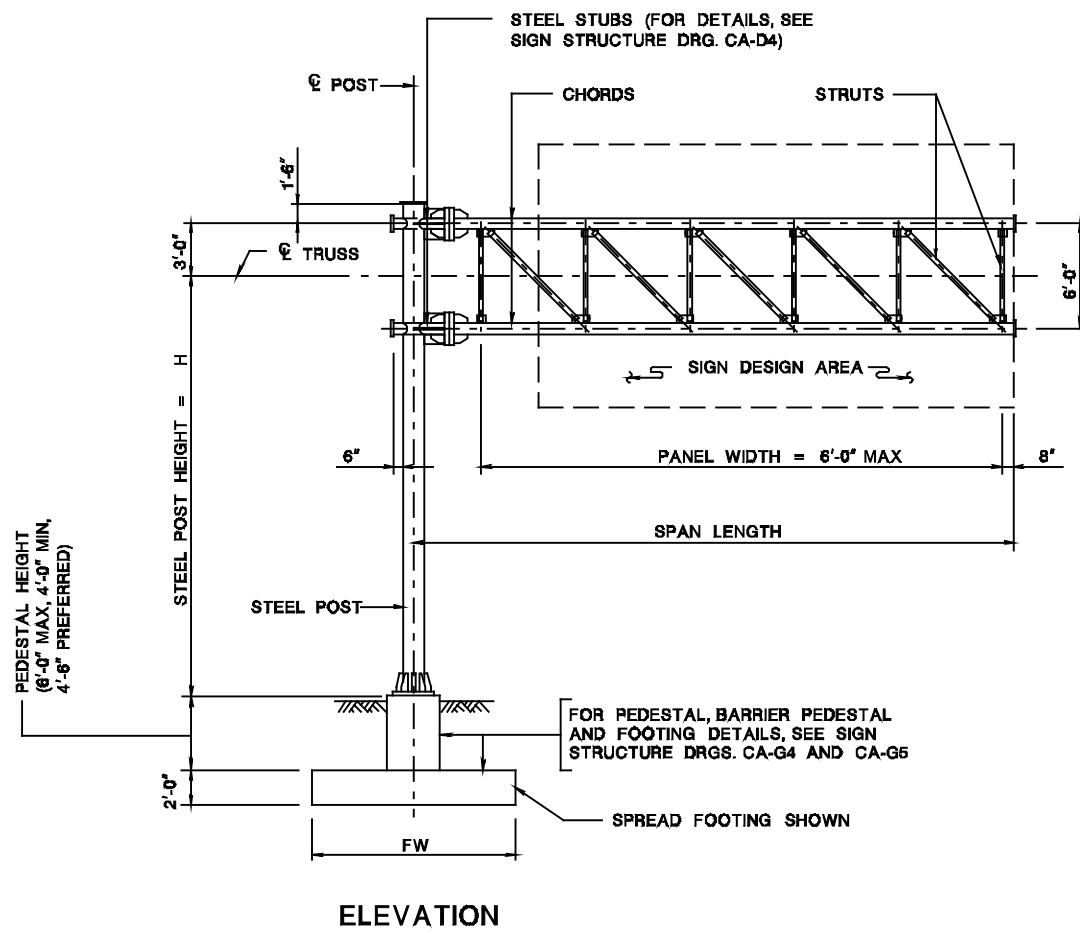


SPAN LENGTH (FT)	SIGN LENGTH (%)	STEEL TRUSS MEMBERS				STEEL POSTS			PEDESTALS				BARRIER PEDESTALS				FOOTINGS			SIGN LENGTH (%)	SPAN LENGTH (FT)				
		CHORDS O.D.xTHICK (IN)	STRUTS O.D.xTHICK (IN)	STEEL STUBS O.D.xTHICK (IN)	CAMBER (IN)	POST HEIGHT			H = 25 FT		H = 30 FT		H = 40 FT		H = 25 FT		H = 30 FT		H = 40 FT						
						H = 25FT	H = 30FT	H = 40FT	PD	VERT REBARS No. & SIZE	PD	VERT REBARS No. & SIZE	PD	VERT REBARS No. & SIZE	BWT	VERT REBARS No. & SIZE	BWT	VERT REBARS No. & SIZE	BWT			VERT REBARS No. & SIZE			
						O.D.xTHICK (IN)	O.D.xTHICK (IN)	O.D.xTHICK (IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)			(IN)	(IN)	(IN)	(IN)
20	40	8.625x.322	2.875x.276	8.625x.322	3 1/2	14.000x.500	16.000x.500	18.000x.500	40	21-#25	42	23-#25	44	25-#25	40	21-#25	42	23-#25	44	25-#25	11'-6"x8'	11'-6"x8'	12'-6"x8'	40	20
	50	8.625x.500	2.875x.276	8.625x.500	3 3/8	16.000x.500	16.000x.500	18.000x.500	42	23-#25	42	25-#25	44	27-#25	42	23-#25	42	25-#25	44	27-#25	11'-6"x8'	12'-6"x8'	13'x8'	50	
	60	8.625x.500	2.875x.276	8.625x.500	2 3/4	16.000x.500	18.000x.500	20.000x.500	42	24-#25	44	26-#25	46	29-#25	42	24-#25	44	26-#25	46	29-#25	12'-6"x8'	13'x8'	14'x10'	60	
	70	8.625x.500	2.875x.276	8.625x.500	2 5/8	18.000x.500	18.000x.500	20.000x.500	44	26-#25	44	27-#25	46	30-#25	44	26-#25	44	27-#25	46	30-#25	13'x8'	13'x9'	14'x10'	70	
30	40	8.625x.500	2.875x.276	8.625x.500	2	18.000x.500	20.000x.500	24.000x.500	44	27-#25	46	30-#25	48	33-#25	44	27-#25	46	30-#25	48	33-#25	13'x9'	14'x10'	15'x10'	80	30
	50	12.750x.375	3.500x.300	12.750x.375	6	20.000x.500	20.000x.500	24.000x.500	46	28-#25	46	30-#25	48	33-#25	46	28-#25	46	30-#25	48	33-#25	13'x9'	14'x9'	14'x10'	40	
	50	12.750x.500	4.000x.318	12.750x.500	5 1/2	20.000x.500	24.000x.500	24.000x.500	46	29-#25	48	33-#25	50	36-#25	46	29-#25	48	33-#25	50	36-#25	14'x9'	14'x10'	15'x10'-6"	50	
	60	12.750x.500	4.000x.318	12.750x.500	4 3/4	24.000x.500	24.000x.500	24.000x.500	48	31-#25	50	35-#25	50	37-#25	48	31-#25	50	35-#25	50	37-#25	14'x10'	15'x10'-6"	16'-6"x10'-6"	60	
40	40	12.750x.500	4.000x.318	12.750x.500	4 3/8	24.000x.500	24.000x.500	26.000x.500	48	31-#25	50	36-#25	52	41-#25	48	31-#25	50	36-#25	52	41-#25	15'x10'	15'-6"x10'-6"	16'-6"x11'-6"	70	40
	50	12.750x.500	4.000x.318	12.750x.500	3 1/2	24.000x.500	26.000x.500	26.000x.750	50	34-#25	52	39-#25	52	42-#25	50	34-#25	52	39-#25	52	42-#25	15'x10'-6"	16'-6"x10'-6"	17'-6"x11'-6"	80	
	60	18.000x.375	5.563x.375	18.000x.375	8	24.000x.500	26.000x.500	26.000x.750	50	30-#25	52	35-#25	52	37-#25	50	30-#25	52	35-#25	52	37-#25	15'x10'-6"	16'-6"x10'-6"	16'-6"x11'-6"	40	
	50	18.000x.500	5.563x.375	18.000x.500	9	26.000x.500	26.000x.750	26.000x.750	52	33-#25	52	35-#25	52	37-#25	52	33-#25	52	35-#25	52	37-#25	16'-6"x11'-6"	16'-6"x11'-6"	17'x12'-6"	50	
40	60	18.000x.500	5.563x.375	18.000x.500	7 1/2	26.000x.750	26.000x.750	26.000x.750	52	33-#25	52	35-#25	52	38-#25	52	33-#25	52	35-#25	52	38-#25	16'-6"x11'-6"	17'x12'-6"	18'x12'-6"	60	40
	70	18.000x.500	5.563x.375	18.000x.500	7 1/2	26.000x.750	26.000x.750	26.000x.750	52	33-#25	52	35-#25	52	38-#25	52	33-#25	52	35-#25	52	38-#25	17'x11'-6"	17'x12'-6"	18'x13'	70	
	80	18.000x.500	5.563x.375	18.000x.500	6 3/4	28.000x.750	26.000x.750	26.000x.875	52	33-#25	52	37-#25	52	40-#25	52	33-#25	52	37-#25	52	40-#25	17'x12'-6"	18'x12'-6"	18'x13'	80	
								30.000x.625																	

**NOTE:**

1. % SIGN LENGTH =  $\frac{\text{SIGN DESIGN LENGTH}}{\text{SPAN LENGTH}} \times 100$
2. DESIGNER SHOULD VERIFY THE AVAILABILITY OF STEEL POST SIZES IN PLANNING A STRUCTURE'S CONFIGURATION.



THIS PLATE FOR DESIGN INFORMATION ONLY.  
DO NOT INCLUDE IN CONTRACT PLANS.

**SIGN STRUCTURE DRG. CA-G3**

NEW JERSEY DEPARTMENT OF TRANSPORTATION  
BUREAU OF STRUCTURAL ENGINEERING

**CANTILEVER SIGN SUPPORT STANDARDS  
DESIGN TABLES**

**STEEL TRUSSES AND STEEL POSTS**

SCALE : NONE

BRIDGE SHEET NO. OF

3  
5

ED-07D-03 - ORIGINAL SHEET