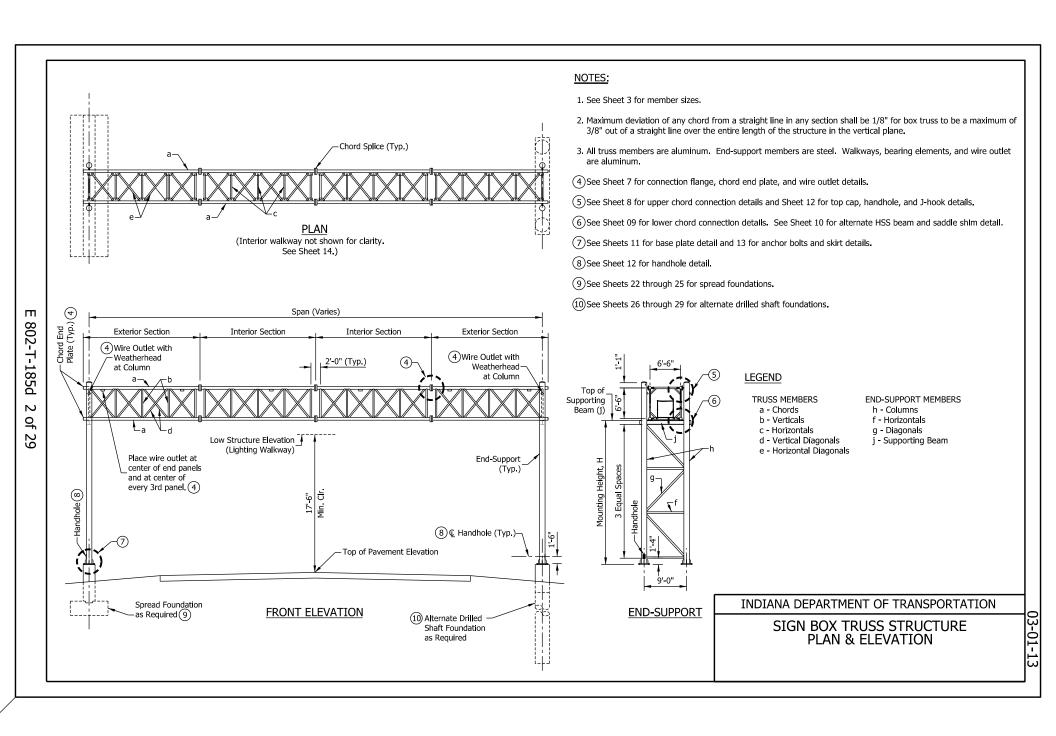
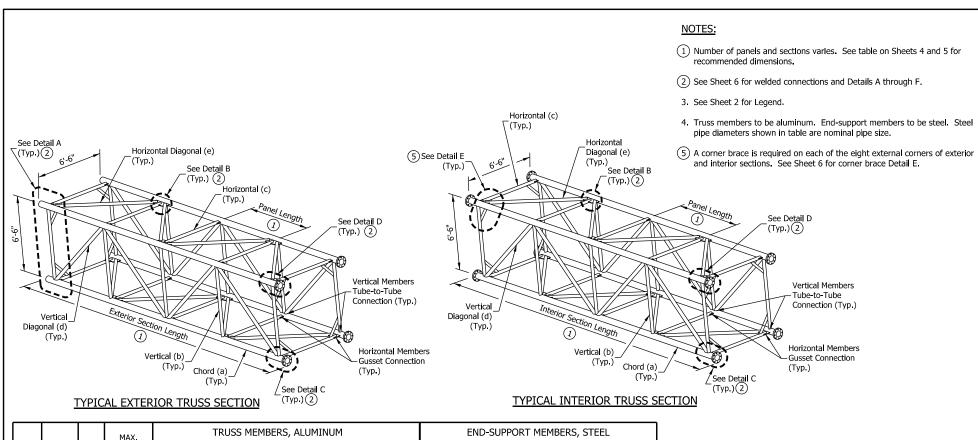
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	INDEX					
SHEET NO.	SUBJECT					
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4	Table of Dimensions, Spans 34' thru 81'					
5	Table of Dimensions, Spans 82' thru 130' and Camber					
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8	Upper Chord Connection Details					
9	Lower Chord Connection Details					
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11	End Support Base Plate and I.D. Tag Details					
12	End Support Top Cap, Handhole, and J-Hook Details					
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SIGN BOX TRUSS STRUCTURE DRAWING INDEX





l	MAX. TRUSS MEMBERS, ALUMINUM END-SUPPORT MEMI							MBERS	, STEEL												
	TRUSS TYPE	MAX. SIGN AREA	MAX. SPAN	MOUNTING HEIGHT	CHO	ORD	VERT	TCAL	HORIZ	ONTAL	VERT DIAG	TICAL ONAL	HORIZ DIAG	ONTAL ONAL	HORIZ	ONTAL	DIAG	ONAL	COL	UMN	SUPPORTING BEAM
ı				н	·	3	ł	)	·	С		t	ŧ	е	1	f	Ç,	g	ł	า	j
ı				-	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	DIA.	THK	
L		SQ. FT.	FT.	FT.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
l	Α	500	130	28'-6"	6.00	0.250	2.50	0.250	4.00	0.188	3.00	0.375	4.00	0.375	5.00	0.375	5.00	0.375	14.00	0.500	
l	В	700	100	28'-6"	6.50	0.375	3.00	0.375	4.00	0.188	3.00	0.500	4.00	0.375	5.00	0.375	7.00	0.375	14.00	0.500	W 8 x 58 or
l	С	700	130	28'-6"	7.00	0.375	3.00	0.375	4.00	0.188	3.00	0.500	4.00	0.500	5.00	0.375	8.00	0.500	14.00	0.593	HSS 8" x 8" x 1/2"
l	D		100	28'-6"	7.00	0.375	3.00	0.375	4.00	0.188	3.00	0.500	4.00	0.500	5.00	0.375	8.00	0.500	18.00	0.500	
	Е	900	130	28'-6"	7.00	0.500	3.00	0.375	4.00	0.250	3.00	0.500	4.00	0.500	5.00	0.375	8.00	0.593	18.00	0.562	W 10 x 68 or HSS 10" x 10" x 1/2"

SIGN BOX TRUSS STRUCTURE TRUSS SECTIONS IN ISOMETRIC VIEWS, TABLE WITH MEMBER SIZES

	DIMENSIONS FOR SIGN BOX TRUSSES (34' THRU 81')									
SPAN	PAN EXTERIOR SECTIONS						INTERIOR SECTI	ONS		
SPAN-TRUSS	NO. OF EXT.	NO. OF PANELS	VARIABLE	PANEL	SECTION	NO. OF INT.	NO. OF PANELS	PANEL	SECTION	
LENGTH, (FT)	SECTIONS	PER SECTION	END DIMEN.	LENGTH	LENGTH	SECTIONS	PER SECTION	LENGTH	LENGTH	
34	1	6	6"	5'-6"	35'-6"	0				
35	2	6	6" 6"	5'-8" 5'-6"	36'-6" 18'-9"	0				
36 37	2	3	6"	5'-8"	19'-3"	0				
38	2	3	6"	5'-10"	19'-9"	0				
39	2	3	6"	6'-0"	20'-3"	0		+		
40	2	3	6"	6'-2"	20-3	0				
41	2	3	6"	6'-4"	21'-3"	0				
42	2	3	6"	6'-6"	21'-9"	0				
43	2	4	6"	5'-0"	22'-3"	0				
44	2	4	6"	5'-1 1/2"	22'-9"	0				
45	2	4	6"	5'-3"	23'-3"	0				
46	2	4	6"	5'-4 1/2"	23'-9"	0				
47	2	4	6"	5'-6"	24'-3"	0				
48	2	4	6"	5'-7 1/2"	24'-9"	0				
49	2	4	6"	5'-9"	25'-3"	0				
50	2	4	6"	5'-10 1/2"	25'-9"	0				
51	2	4	6"	6'-0"	26'-3"	0				
52	2	4	6"	6'-1 1/2"	26'-9"	0				
53	2	4	6"	6'-3"	27'-3"	0				
54	2	4	6"	6'-4 1/2"	27'-9"	0				
55	2	4	6"	6'-6"	28'-3"	0				
56	2	5	5 1/4"	5'-3 3/4"	28'-9"	0				
57	2	5	6 1/4"	5'-4 3/4"	29'-3"	0				
58	2	5	6"	5'-6"	29'-9"	0				
59	2	5	5 3/4"	5'-7 1/4"	30'-3"	0				
60	2	5	5 1/2"	5'- 8 1/2"	30'-9"	0				
61	2	5	6 1/2"	5'-9 1/2"	31'-3"	0				
62	2	5	6 1/4"	5'-10 3/4"	31'-9"	0				
63	2	5	6"	6'-0"	32'-3"	0				
64	2	5	5 3/4"	6'-1 1/4"	32'-9"	0				
65	2	5	5 1/2"	6'-2 1/2"	33'-3"	0				
66	2	5	5 1/4"	6'-3 3/4"	33'-9"	0				
67	2	5	6 1/4"	6'-4 3/4"	34'-3"	0				
68	2	5	6"	6'-6"	34'-9"	0				
69	2	4	6"	5'-4"	23'-7"	1	4	5'-4"	23'-4"	
70	2	4	6"	5'-5"	23'-11"	1	4	5'-5"	23'-8"	
71	2	4	6"	5'-6"	24'-3"	1	4	5'-6"	24'-0"	
72	2	4	6"	5'-7"	24'-7"	1	4	5'-7"	24'-4"	
73	2	4	6"	5'-8"	24'-11"	1	4	5'-8"	24'-8"	
74	2	4	6"	5"-9"	25'-3"	1	4	5"-9"	25'-0"	
75	2	4	6"	5'-10"	25'-7"	1	4	5'-10"	25'-4"	
76	2	4	6"	5'-11"	25'-11"	1	4	5'-11"	25'-8"	
77	2	4	6"	6'-0"	26'-3"	1	4	6'-0"	26'-0"	
78	2	4	6"	6'-1 "	26'-7"	1	4	6'-1 " 6'-2"	26'-4"	
79	2	4	6"	6'-2"	26'-11"	1	4	6'-2"	26'-8"	
80 81	2	4	6" 6"	6'-3" 6'-4"	27'-3" 27'-7"	1	4	6'-4"	27'-0" 27'-4"	
Q1	2	4	"ס	0 <del>-4</del> "	∠/: <del>-</del> /::	1	1 4	0 -4"	27 <del>-</del> 4	

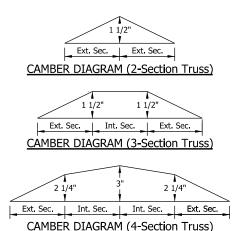
- 1. All panels on a truss shall be the same length. The minimum panel length is 5'-0" and the maximum is 6'-6".
- A single interior section in a truss shall have an even number of panels to maintain the pattern of the vertical diagonals.
- 3. Use minimum number of sections for each box truss structure, while maintaining the maximum section length at 36'-6".
- 4. See Sheet 5 for required camber.

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE TABLE OF DIMENSIONS SPANS 34' THRU 81'

		DIMENSIO	NS FOR SIG	GN BOX	TRUSSES	(82' THRU 1	30')		
SPAN		EXTERIO	R SECTIONS				INTERIOR SECTI	ONS	
SPAN-TRUSS LENGTH, (FT)	NO. OF EXT. SECTIONS	NO. OF PANELS PER SECTION	VARIABLE END DIMEN.	PANEL LENGTH	SECTION LENGTH	NO. OF INT. SECTIONS	NO. OF PANELS PER SECTION	PANEL LENGTH	SECTION LENGTH
82	2	4	6"	6'-5"	27'-11"	1	4	6'-5"	27'-8"
83	2	4	6"	6'-6"	28'-3"	1	4	6'-6"	28'-0"
84	2	5	5 3/4"	5'-7 3/4"	30'-5 1/2"	1	4	5'-7 3/4"	24'-7"
85	2	5	6 1/2"	5'-8 1/2"	30'-10"	1	4	5'-8 1/2"	24'-10"
86	2	5	5 1/2"	5'-9 1/2"	31'-2"	1	4	5'-9 1/2"	25'-2"
87	2	5	6 1/4"	5'-10 1/4"	31'-6 1/2"	1	4	5'-10 1/4"	25'-5"
88	2	5	7"	5'-11"	31'-11"	1	4	5'-11"	25'-8"
89	2	5	6"	6'-0"	32'-3"	1	4	6'-0"	26'-0"
90	2	5	6 3/4"	6'-0 3/4"	32'-7 1/2"	1	4	6'-0 3/4"	26'-3"
91	2	5	5 3/4"	6'-1 3/4"	32'-11 1/2"	1	4	6'-1 3/4"	26'-7"
92	2	5	6 1/2"	6'-2 1/2"	33'-4"	1	4	6'-2 1/2"	26'-10'
93	2	5	5 1/2"	6'-3 1/2"	33'-8"	1	4	6'-3 1/2"	27'-2"
94	2	5	6 1/4"	6'-4 1/4"	34'-1/2"	1	4	6'-4 1/4"	27'-5"
95	2	5	5 1/4"	6'-5 1/4"	34'-4 1/2"	1	4	6'-5 1/4"	27'-9"
96 97	2	5 4	6" 6"	6'-6"	34'-9" 24'-9"	1	4	6'-6"	28'-0"
98	2	4	6"	5'-7 1/2"	24 -9 25'-0"	2	4	5'-7 1/2" 5'-8 1/4"	24'-6" 24'-9"
98	2	4	6"	5'-8 1/4" 5'-9"	25'-0"	2	4	5'-8 1/4"	25'-0"
100	2	4	6"	5'-9 3/4"	25'-6"	2	4	5'-9 3/4"	25'-3"
100	2	4	6"	5'-10 1/2"	25'-9"	2	4	5'-10 1/2"	25'-6"
102	2	4	6"	5'-10 1/2	26'-0"	2	4	5'-11 1/4"	25'-9"
102	2	4	6"	6'-0"	26'-3"	2	4	6'-0"	26'-0"
104	2	4	6"	6'-0 3/4"	26'-6"	2	4	6'-0 3/4"	26'-3"
105	2	4	6"	6'-1 1/2"	26'-9"	2	4	6'-1 1/2"	26'-6"
106	2	4	6"	6'-2 1/4"	27'-0"	2	4	6'-2 1/4"	26'-9"
107	2	4	6"	6'-3"	27'-3"	2	4	6'-3"	27'-0"
108	2	4	6"	6'-3 3/4"	27'-6"	2	4	6'-3 3/4"	27'-3"
109	2	4	6"	6'-4 1/2"	27'-9"	2	4	6'-4 1/2"	27'-6"
110	2	4	6"	6'-5 1/4"	28'-0"	2	4	6'-5 1/4"	27'-9"
111	2	4	6"	6'-6"	28'-3"	2	4	6'-6"	28'-0"
112	2	5	6"	5'-3"	28'-6"	2	5	5'-3"	28'-3"
113	2	5	7"	5'-3 1/2"	28'-9 1/2"	2	5	5'-3 1/2"	28'-5 1/
114	2	5	5 1/2"	5'-4 1/4"	28'-11 3/4"	2	5	5'-4 1/4"	28'-9 1/
115	2	5	6 1/2"	5'-4 3/4"	29'-3 1/4"	2	5	5'-4 3/4"	28'-11 3
116	2	5	7 1/2"	5'-5 1/4"	29'-6 3/4"	2	5	5'-5 1/4"	29'-2 1/
117	2	5	6"	5'-6"	29'-9"	2	5	5'-6"	29'-6"
118	2	5	7"	5'-6 1/2"	30'-0 1/2"	2	5	5'-6 1/2"	29'-8 1/
119	2	5	5 1/2"	5'-7 1/4"	30'-2 3/4"	2	5	5'-7 1/4"	30'-1/4
120	2	5	6 1/2"	5'-7 3/4"	30'-6 1/4"	2	5	5'-7 3/4"	30'-2 3/
121	2	5	7 1/2"	5'-8 1/4"	30'-9 3/4"	2	5	5'-8 1/4"	30'-5 1/
122	2	5	6"	5'-9"	31'-0"	2	5	5'-9"	30'-9"
123	2	5	7"	5'-9 1/2"	31'-3 1/2"	2	5	5'-9 1/2"	30'-11 1,
124	2	5	5 1/2"	5'-10 1/4"	31'-5 3/4"	2	5	5'-10 1/4"	31'-3 1/
125	2	5	6 1/2"	5'-10 3/4"	31'-9 1/4"	2	5	5'-10 3/4"	31'-5 3/
126	2	5	7 1/2"	5'-11 1/4"	32' -0 3/4"	2	5	5'-11 1/4"	31'-8 1/
127	2	5	6"	6'-0"	32'-3"	2	5	6'-0"	32'-0"
128	2	5	7"	6'-0 1/2"	32'-6 1/2"	2	5	6'-0 1/2"	32'-2 1/
129	2	5	5 1/2"	6'-1 1/4"	32'-8 3/4"	2	5	6'-1 1/4"	32'-6 1/
130	2	5	6 1/2"	6'-1 3/4"	33'-1/4"	2	5	6'-1 3/4"	32'-8 3/

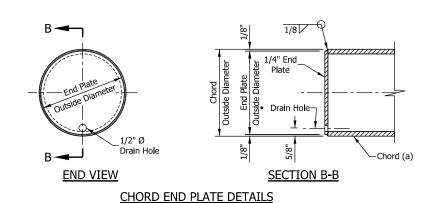
- Camber diagrams for truss structures with 2 to 4 sections are shown. Cambers shown are for fabrication only and are measured with trusses fully supported at no-load conditions. Allowable camber tolerance for truss Is 25% of specific camber value.
- 2. See Sheet 4 for additional notes.

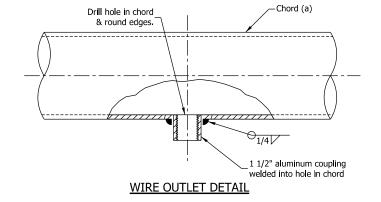


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SIGN BOX TRUSS STRUCTURE TABLE OF DIMENSIONS SPANS 82' THRU 130' AND CAMBER







Mating surfaces to be flat within ±1/64"  Drill 8-15/16" equally spaced holes for 7/8" Ø bolts	Tack weld only in root area of final weld  3/16  45°  Flange  Flange
END VIEW	SECTION C-C

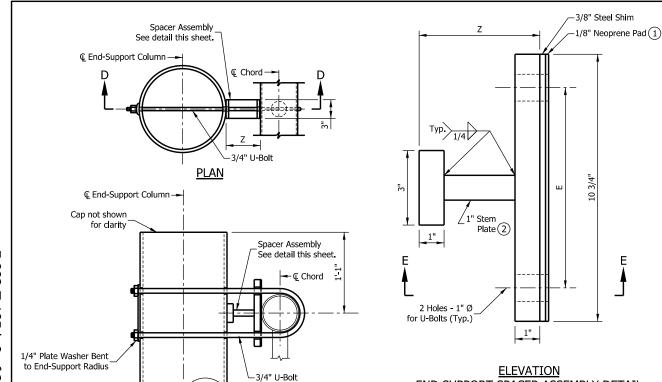
**FLANGE DETAILS** 

TABLE OF FLANGE DIMENSIONS								
TRUSS CHORD	BOLT		DIMENSION					
O.D. x THK.	SIZE	Α	В	С				
6" x 1/4"	7/8"	13"	9"	5"				
6 1/2" x 3/8"	7/8"	14"	10"	5 1/4"				
7" x 3/8"	7/8"	14"	10"	5 3/4"				
7" x 1/2"	7/8"	14"	10"	5 1/2"				

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SIGN BOX TRUSS STRUCTURE FLANGE, CHORD END PLATE, AND WIRE OUTLET DETAILS





SECTION D-D

UPPER CHORD CONNECTION DETAILS

3" Threaded

10 U.N.C. Threads

3/4" DIA. STAINLESS STEEL U-BOLT DETAIL

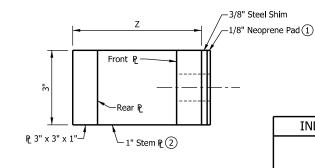
(3) E

#### NOTES:

- 1 Provide isolation from steel-dissimilar metal as required.
- (2) For trusses type D or E, the 1" stem plate is not required. Fillet weld front and rear plates together.
- (3) Dimension E is equal to the diameter of chord (a) plus 1".

SPACER ASSEMBLY DIMENSIONS									
TRUSS TYPE	END-SUPPORT COLUMN SIZE (h)	CHORD (a)	Ø OF U-BOLT BEND	Е	Z	L			
	O.D. IN.	O.D. IN.	(D) IN.	IN.	IN.	IN.			
Α	14	6	6 1/16	7	4 1/2	24			
В	14	6 1/2	6 9/16	7 1/2	4 1/4	24			
С	14	7	7 1/16	8	4	24			
D	18	7	7 1/16	8	2	26			
Е	18	7	7 1/16	8	2	26			

END SUPPORT SPACER ASSEMBLY DETAIL

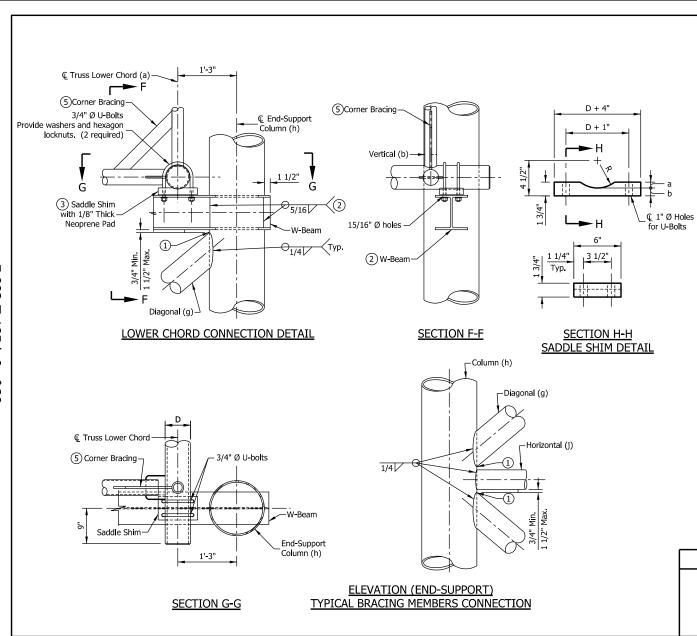


SECTION E-E

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE END-SUPPORT UPPER CHORD CONNECTION DETAILS





- (1) Toe edge of diagonal member shall be cut back to facilitate throat thickness. See Sheet 6 Detail F for toe-edge detail.
- (2) Cut holes In end support columns for W-beams to pass through. Holes to have 1/8" maximum clearance to W-beam. Holes in opposite sides of column to be checked for proper alignment prior to cutting.
- (3) Provide neoprene pads at all chord-to-W-beam bearing surfaces.
- 4. See Sheet 3 for end-support member sizes.
- (5) A corner brace is required on each of the eight external corners of exterior and interior sections. Each brace shall be 1'-9" x 3" x 1/2". See Sheet 6 for angle bracing Detail E.
- See Sheet 10 for HSS square-beam as an alternate to truss supporting W-beam.

D	а	b
6"	9/32"	1 15/32"
6 1/2"	17/32"	1 7/32"
7"	25/32"	31/32"

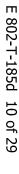
R = D/2 + 1/32"

 $R + b = 4 \frac{1}{2}$ "

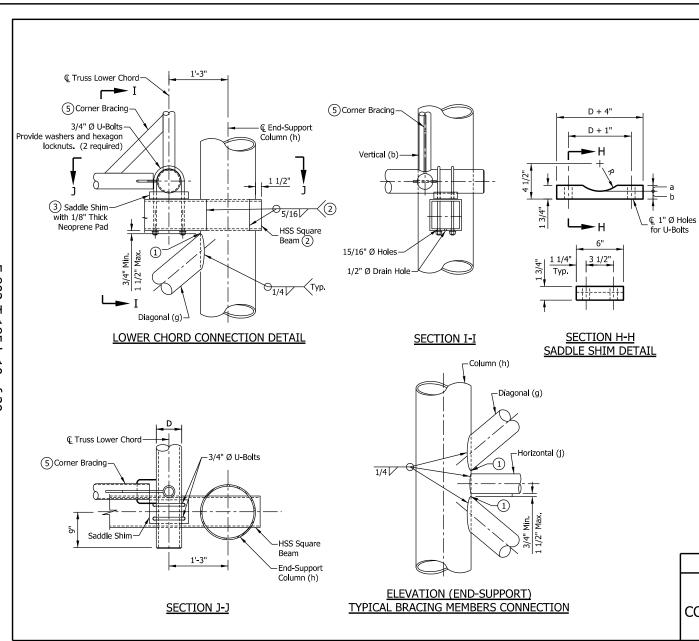
D = Outside Diameter of Chord(a).

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE END-SUPPORT LOWER CHORD CONNECTION DETAILS







- 1 Toe edge of diagonal member shall be cut back to facilitate throat thickness. See Sheet 6 Detail F for toe-edge detail.
- (2) Cut holes In end support columns for square beams to pass through. Holes to have 1/8" maximum clearance to square beam. Holes in opposite sides of column to be checked for proper alignment prior to
- (3) Provide neoprene pads at all chord-to-square-beam bearing surfaces.
- 4. See Sheet 3 for end support member sizes.
- (5) A corner brace is required on each of the eight external corners of exterior and interior sections. Each brace shall be 1'-9" x 3" x 1/2". Sheet 6 for angle bracing Detail E.

D	a	b
6"	9/32"	1 15/32"
6 1/2"	17/32"	1 7/32"
7"	25/32"	31/32"

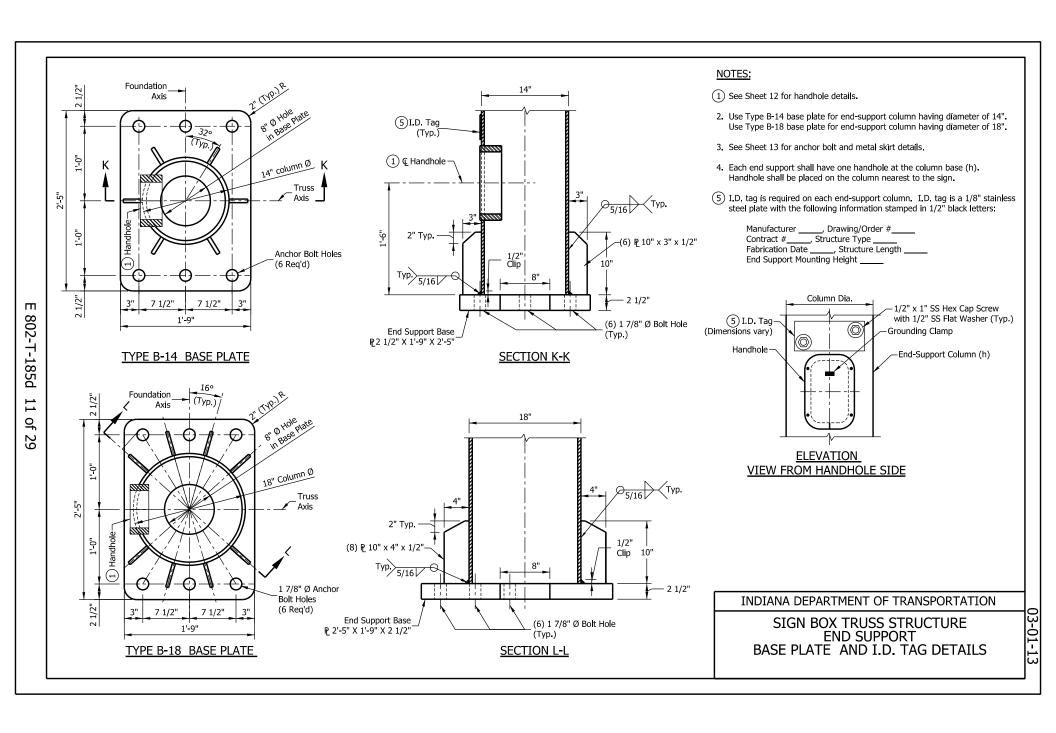
R = D/2 + 1/32"

 $R + b = 4 \frac{1}{2}$ "

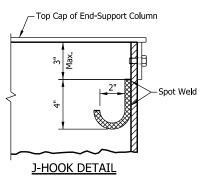
D = Outside Diameter of Chord(a).

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SIGN BOX TRUSS STRUCTURE END SUPPORT LOWER CHORD CONNECTION DETAILS, ALTERNATE HSS BEAM

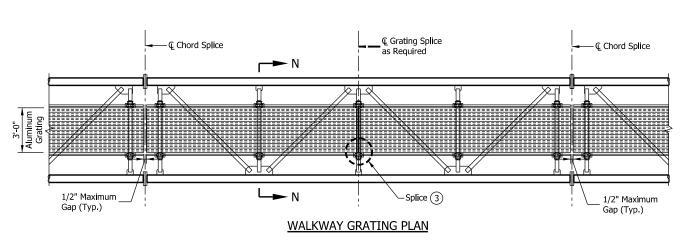


- ① In lieu of fabricated handhole frame as shown, frame may be cut from 3" plate (rolling direction vertical).
- (2) See Standard Drawing E 802-SNWR-03 for grounding post details. Grounding post to be placed on far side of support directly opposite center of handhole.
- 3. See Sheets 2 and 10 for handhole locations.
- (4) See Sheet 3 for thicknesses of end-support columns (h).

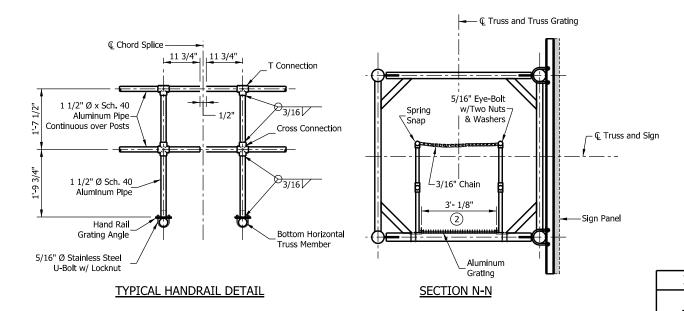


INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE END-SUPPORT TOP-CAP, HANDHOLE, AND J-HOOK DETAILS

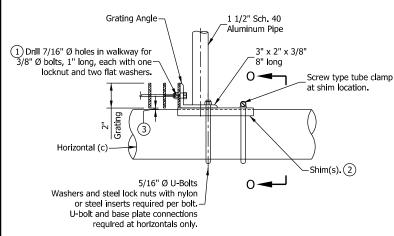


- Interior walkway gratings shall be extruded I-bars 2" x 1/4" x 1 3/16" center-to-center. Cross bars shall have a maximum gap of 4".
   Moment of Inertia, I<sub>x</sub> = 1.382 in<sup>4</sup>. A different grating of equal strength may be used upon approval.
- (2) Walkway grating width is nominal and may vary  $\pm 1/2$ " based on available standard widths.
- (3) Interior walkway gratings can be spliced on center of any horizontal truss member as needed. See Sheet 15 for typical interior walkway grating splice detail.
- 4. Interior walkway grating shall run the full length, center-to-center, of end-support truss members plus 9" at each end.

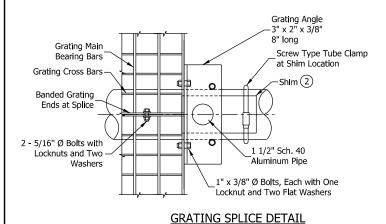


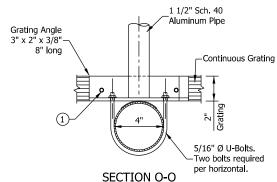
INDIANA DEPARTMENT OF TRANSPORTATION

SIGN BOX TRUSS STRUCTURE INTERIOR WALKWAY GRATING DETAILS

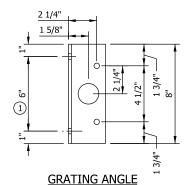


# GRATNG SUPPORT DETAIL



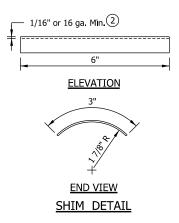






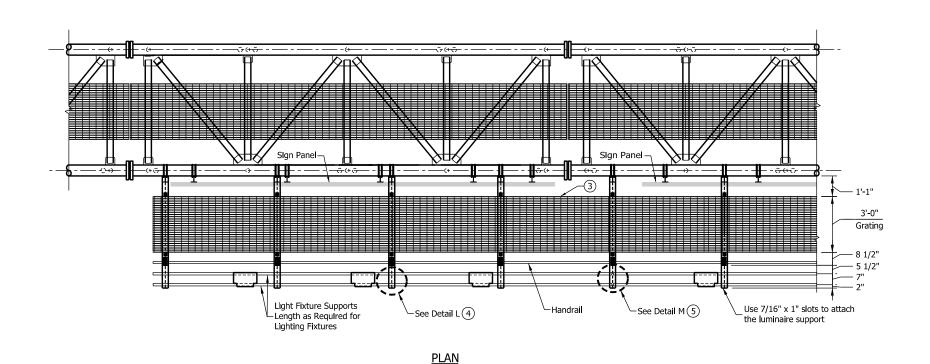
#### NOTES:

- ① Drilling of holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- (2) Shims may be placed as shown, if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- 3 Tube-to-grating gap may vary from 0 to 1/2" max. to align walkway, allow for camber.



INDIANA DEPARTMENT OF TRANSPORTATION

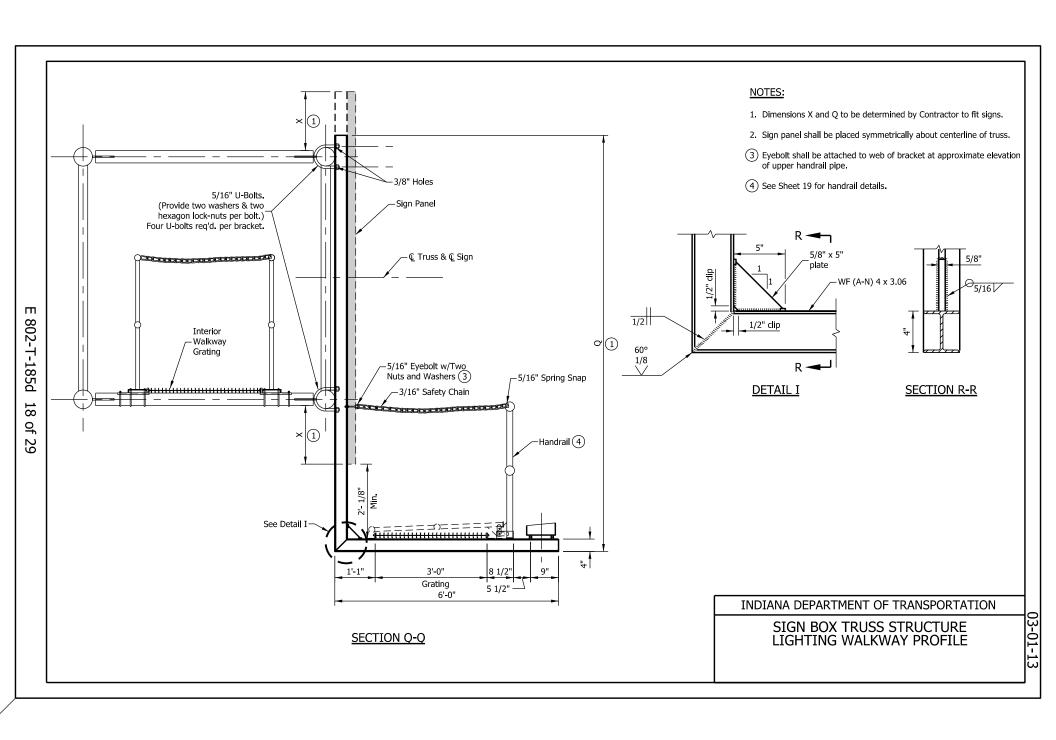
SIGN BOX TRUSS STRUCTURE INTERIOR WALKWAY GRATING DETAILS

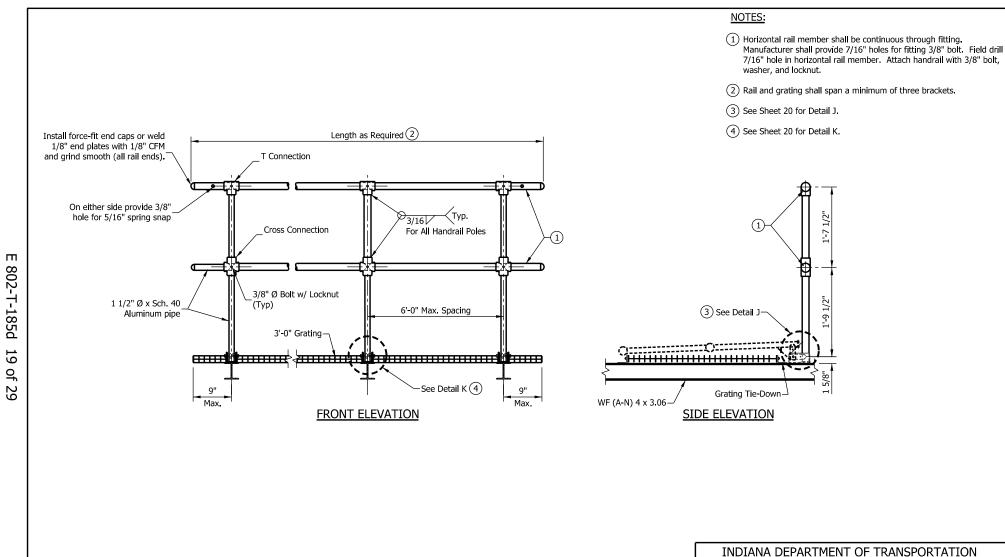


- 1. Handrall and grating shall span a minimum of 3 brackets.
- 2. Grating splice located on center of L-bracket only. See Sheet 21, Detail M.
- (4) See Sheet 21, Detail L.
- (5) See Sheet 21, Detail M.

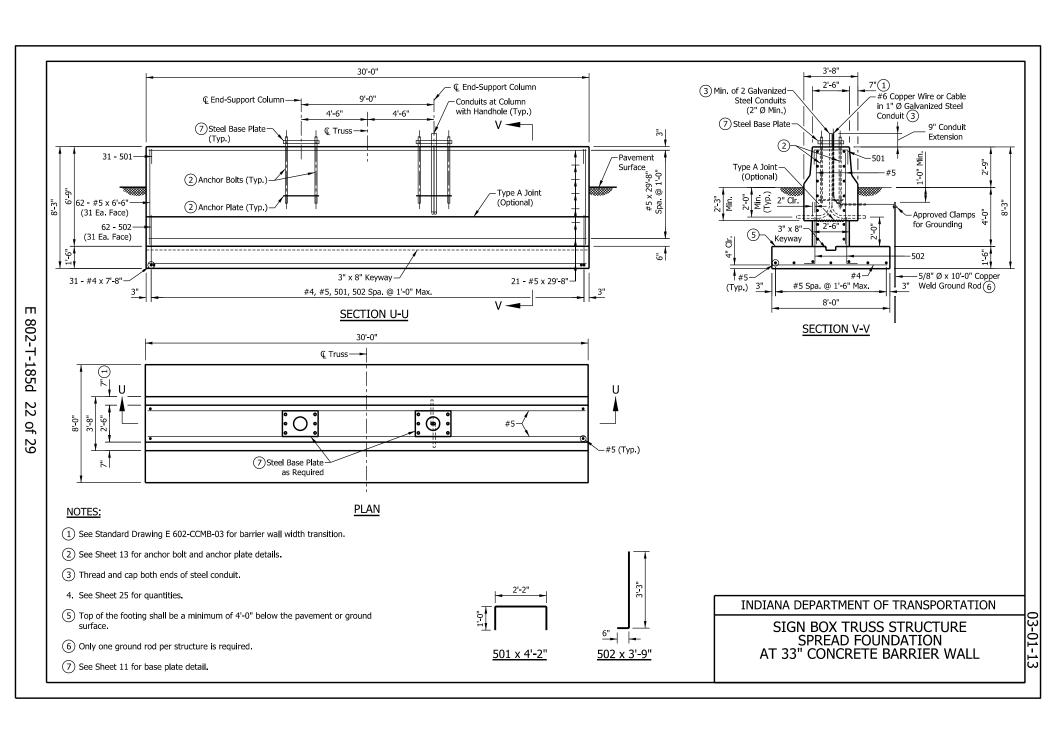
INDIANA DEPARTMENT OF TRANSPORTATION

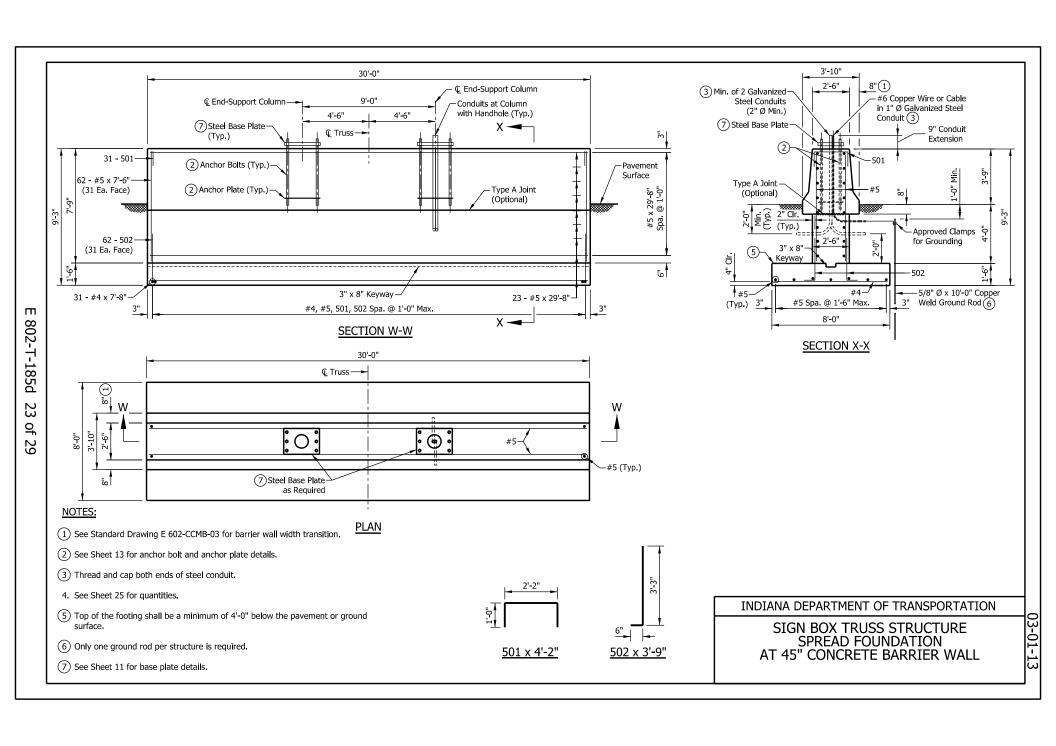
SIGN BOX TRUSS STRUCTURE LIGHTING WALKWAY

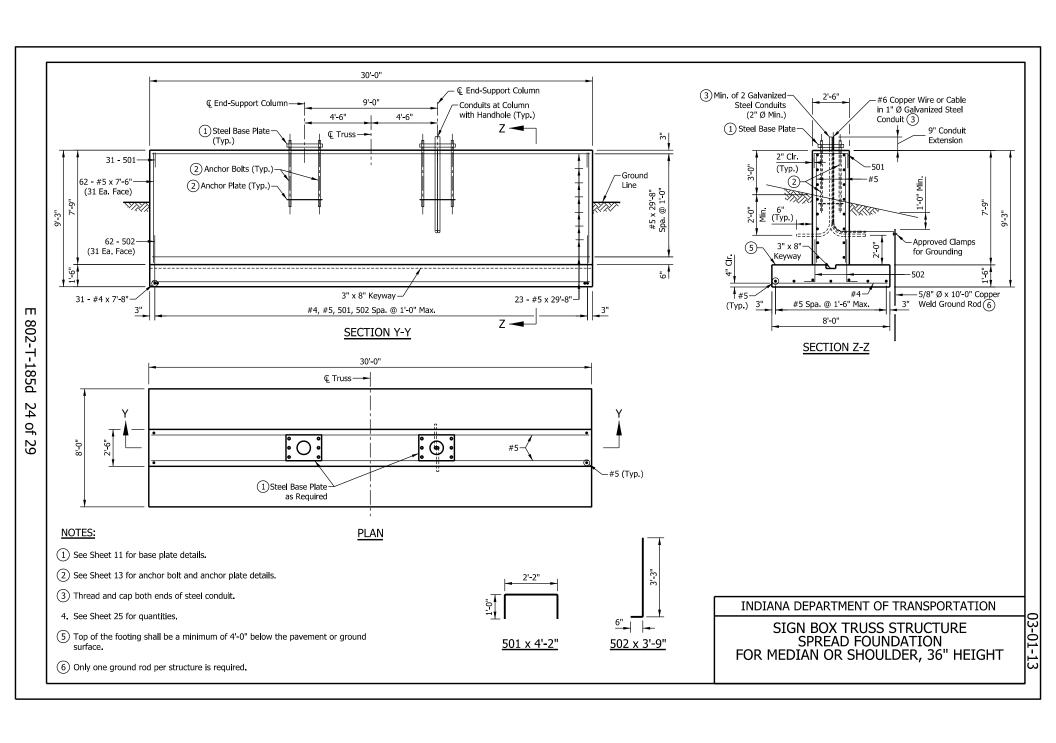




SIGN BOX TRUSS STRUCTURE LIGHTING WALKWAY AND HANDRAIL ASSEMBLY





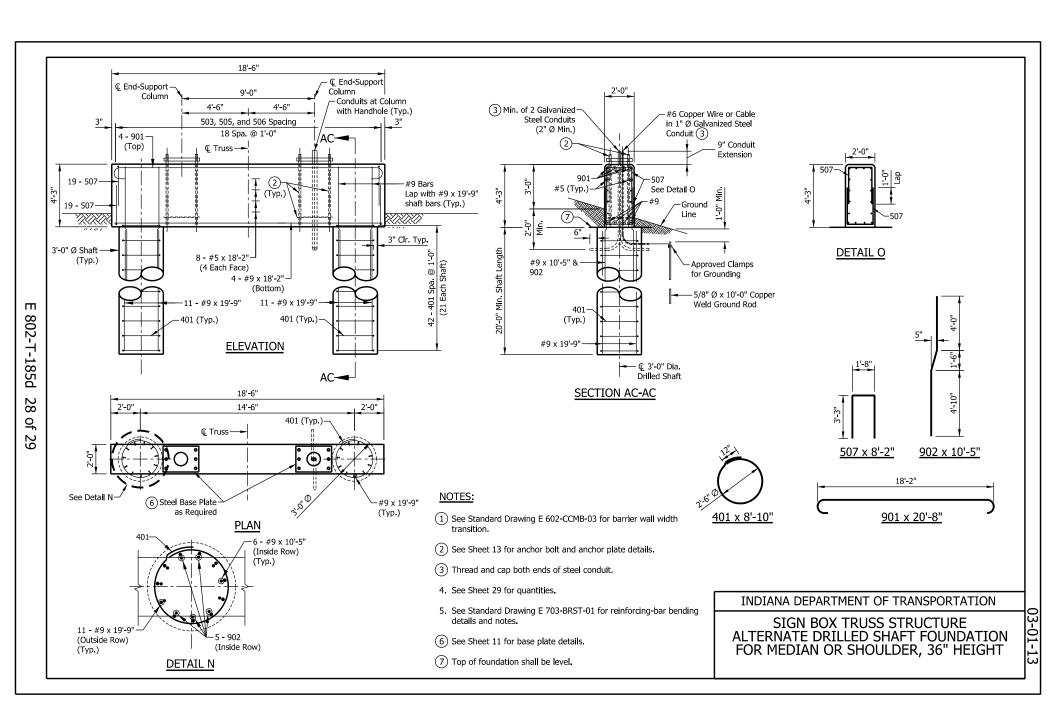


SPREAD FOUNDATION AT 33" CONCRETE BARRIER WALL						
EPOXY-0	COATED RE	INFORCING	G BARS			
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT			
501	31	4'-2"				
502	62	3'-9"				
#5	62	6'-6"				
#5	21	29'-8"				
Total #5			1447 LBS			
#4	31	7'-8"				
Total #4			159 LBS			
Total Epoxy-Co Reinforcing Bar			1606 LBS			
	CONCRETE	, CLASS A				
Total Concrete,	35.8 CYS					
	MISCELLANEOUS					
Surface Seal			27.6 SYS			

	SPREAD FOUNDATION AT 45" CONCRETE BARRIER WALL						
EPOXY-	COATED RE	INFORCING	G BARS				
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT				
501	31	4'-2"					
502	62	3'-9"					
#5	62	7'-6"					
#5	23	29'-8"					
Total #5		•	1574 LBS				
#4	31	7'-8"					
Total #4			159 LBS				
Total Epoxy-Co Reinforcing Ba			1733 LBS				
	CONCRETE, CLASS A						
Total Concrete	Total Concrete, Class A						
	MISCELLANEOUS						
Surface Seal			34.3 SYS				

SPREAD FOUNDATION				
FOR MEDIAN OR SHOULDER, 36" HEIGHT				
EPOXY-COATED REINFORCING BARS				
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT	
501	31	4'-2"		
502	62	3'-9"		
#5	62	7'-6"		
#5	23	29'-8"		
Total #5			1574 LBS	
#4	31	7'-8"		
Total #4			159 LBS	
Total Epoxy-Coated Reinforcing Bars			1733 LBS	
CONCRETE, CLASS A				
Total Concrete, Class A			34.9 CYS	
MISCELLANEOUS				
Surface Seal			28.3 SYS	

SIGN BOX TRUSS STRUCTURE SPREAD FOUNDATIONS QUANTITIES



ALTERNATE DRILLED SHAFT FOUNDATION AT 33" CONCRETE BARRIER WALL				
EPOXY-COATED REINFORCING BARS				
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT	
901	4	20'-8"		
#9	4	18'-2"		
#9	22	23'-0"		
Total #9				
503	19	4'-8"		
504	38	3'-4"		
505	38	4'-11"		
#5	6	18'-2"		
Total #5			533 LBS	
401	42	8'-10"		
Total #4			248 LBS	
Total Epoxy-Coated Reinforcing Bars			3030 LBS	
CONCRETE, CLASS A				
Total Concrete, Class A			20.0 CYS	
MISCELLANEOUS				
Surface Seal			17.6 SYS	

ALTERNATE DRILLED SHAFT FOUNDATION AT 45" CONCRETE BARRIER WALL				
EPOXY-COATED REINFORCING BARS				
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT	
901	4	20'-8"		
#9	4	18'-2"		
#9	22	24'-0"		
Total #9			2323 LBS	
503	19	4'-8"		
505	38	4'-11"		
506	38	4'-4"		
#5	8	18'-2"		
Total #5			611 LBS	
401	42	8'-10"		
Total #4			248 LBS	
Total Epoxy-Coated Reinforcing Bars			3182 LBS	
CONCRETE, CLASS A				
Total Concrete, Class A			20.8 CYS	
MISCELLANEOUS				
Surface Seal			21.7 SYS	

ALTERNATE DRILLED SHAFT FOUNDATION FOR MEDIAN OR SHOULDER, 36" HEIGHT					
EPOXY-COATED REINFORCING BARS					
MARK OR SIZE	NO. OF BARS	LENGTH	WEIGHT		
901	4	20'-8"			
902	10	10'-5"			
#9	4	18'-2"			
#9	12	10'-5"			
#9	22	19'-9"			
Total #9			2785 LBS		
507	38	8'-2"			
#5	8	18'-2"			
Total #5			475 LBS		
401	42	8'-10"			
Total #4			248 LBS		
Total Epoxy-Co Reinforcing Bar	3508 LBS				
CONCRETE, CLASS A					
Total Concrete, Class A			16.3 CYS		
MISCELLANEOUS					
Surface Seal			21.6 SYS		

SIGN BOX TRUSS STRUCTURE ALTERNATE DRILLED SHAFT FOUNDATIONS QUANTITIES