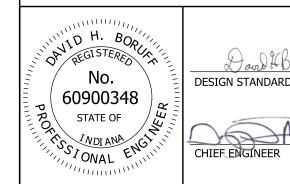
INDEX								
SHEET NO.	SUBJECT							
1	Index							
2	Plan & Elevation							
3	Truss Sections, Member Size Table							
4	Table of Dimensions, Spans 34' thru 81'							
5	Table of Dimensions, Spans 82' thru 130' & Camber							
6	Chord Connections and Weld Details							
7	Flange & Chord End Plate Details							
8	End Support Upper Chord Connection Details							
9	End Support Lower Chord Connection Details							
10	End Support Base Plate and I.D. Plate Details							
11	End Support Handhole, Top Cap, and J-Hook Details							
12	Anchor Plates, Anchor Bolts, and Metal Skirt Details							
13	Ladder Details							
14	Ladder Details							
15	Security Gate Details							
16	Walkway Grating Details							
17	Walkway Grating Details							
18	Walkway Grating Details							
19	Wiring Layout Details							
20	Spread Foundation at 33" Concrete Barrier Wall							
21	Spread Foundation at 45" Concrete Barrier Wall							
22	Spread Foundation at Median or Shoulder, 36" Height							
23	Spread Foundations Quantities							

INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE **INDEX**

SEPTEMBER 2022

STANDARD DRAWING NO. E 802-DMSS-01

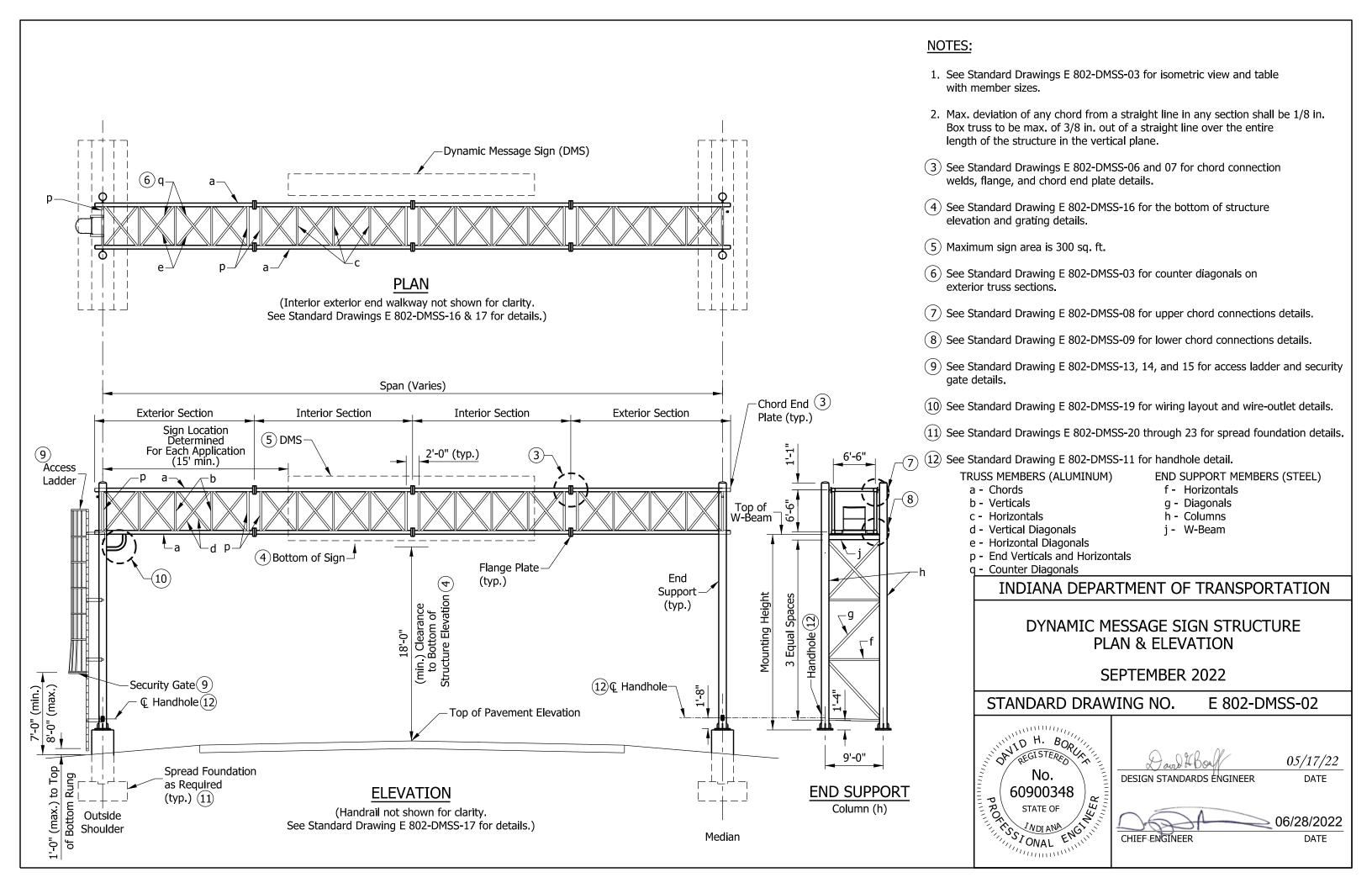


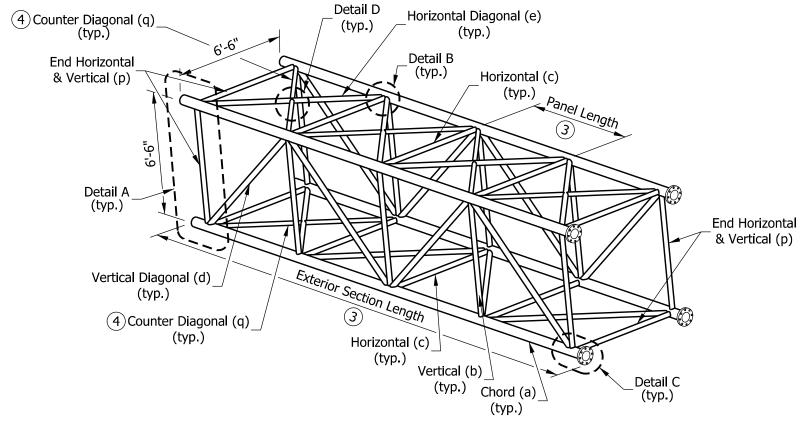
DESIGN STANDARDS ENGINEER

05/17/22 DATE

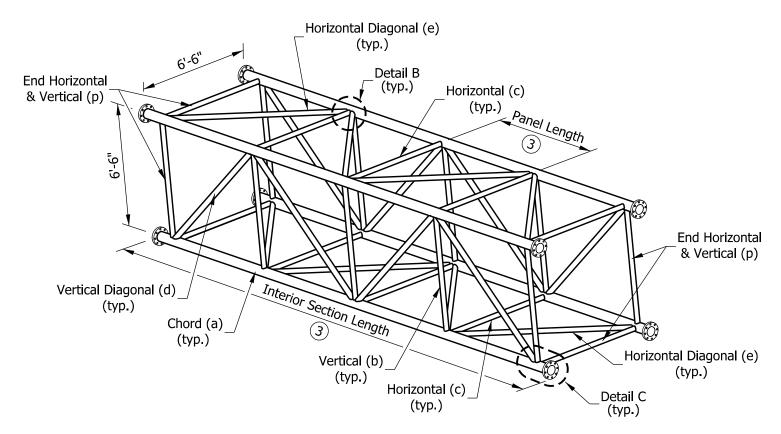
06/28/2022

DATE





TYPICAL EXTERIOR TRUSS SECTION



TYPICAL INTERIOR TRUSS SECTION

NOTES:

- 1. See Standard Drawing E 802-DMSS-06 for Details A through D.
- 2. Truss members to be aluminum. End support members to be steel. Steel pipe diameters shown in table are nominal pipe sizes.
- (3) Number of panels and sections varies. See Standard Drawing E 802-DMSS-04 and 05 for recommended dimensions.
- (4) Counter Diagonal (q) shall be provided in exterior sections at the top of each panel and at the bottom of end panel only as shown.

 It is not required in interior sections.
- 5. See Standard Drawing E 802-DMSS-02 for end support members.

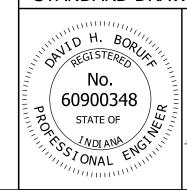
MAX. SPAN = 130 ft. MAX. SIGN AREA = 300 sq. ft. MAX. MOUNTING HEIGHT = 24'-6"										
ALUMINUM TRUSS MEMBERS										
MEMBER MARK O.D. (IN.) x WALL THK. (IN.)										
CHORD a 7 x 0.500										
VERTICAL	b	3.5 x 0.375								
HORIZONTAL	С	4 x 0.250								
VERTICAL DIAGONAL	d	4.5 x 0.500								
HORIZONTAL DIAGONAL	е	5.5 x 0.500								
END VERTICAL & HORIZONTAL	р	5.5 x 0.500								
COUNTER DIAGONAL (SEE NOTE 4)	q	2.5 x 0.500								
STEEL END-SUPPORT MEMBERS										
COLUMN	h	14 x 0.375								
HORIZONTAL	f	3.5 x 0.216								
DIAGONAL	g	5.563 x 0.375								
W-BEAM	j	W10 x 68								

INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE TRUSS SECTIONS, MEMBER SIZE TABLE

SEPTEMBER 2022

STANDARD DRAWING NO. E 802-DMSS-03



DESIGN STANDARDS ENGINEER DATE

CHIEF ENGINEER DATE

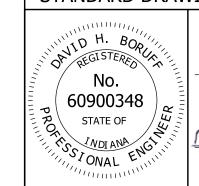
DIMENSIONS FOR DYNAMIC MESSAGE SIGN STRUCTURES (34' THRU 81')											
SPAN		EXTE	RIOR SECTION	ONS	INTERIOR SECTIONS						
SPAN-TRUSS LENGTH, (FT)		NO. OF PANELS PER SECTION	VARIABLE END DIMEN.	PANEL LENGTH	SECTION LENGTH	NO. OF INT. SECTIONS	NO. OF PANELS PER SECTION	PANEL LENGTH	SECTION LENGTH		
34	1	6	6"	5'-6"	35'-6"	0					
35	1	6	6"	5'-8"	36'-6"	0					
36	2	3	6"	5'-6"	18'-9"	0					
37	2	3	6"	5'-8"	19'-3"	0					
38	2	3	6"	5'-10"	19'-9"	0					
39	2	3	6"	6'-0" 6'-2"	20'-3" 20'-9"	0					
40 41	2 2	<u>3</u> 3	6" 6"	6'-4"	20'-9"	0					
42	2	<u>3</u> 3	6"	6'-6"	21 - 5 21'-9"	0					
43	2	<u>5</u> 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 52	2	4	6" 6"	6'-0"	26'-3" 26'-9"	0					
53	2 2	<u>4</u> 4	6"	6'-1 1/2" 6'-3"	20 - 9 27' - 3"	0					
54	2	4 	6"	6'-4 1/2"	27-3 27' - 9"	0					
55	2	4	6"	6'-6"	28'-3"	0					
56	2		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" 6"	5'-10 3/4"	31'-9"	0					
63 64	2 2	<u> </u>	5 3/4"	6'-0" 6'-1 1/4"	32'-3" 32'-9"	0					
65	2	<u>5</u>	5 1/2"	6'-2 1/2"	33'-3"	0					
66	2	<u>5</u>	5 1/4"	6'-3 3/4"	33'-9"	0					
67	2	<u>5</u> 5	5"	6'-5"	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 75	2 2	4	6" 6"	5"-9" 5'-10"	25'-3" 25'-7"	1 1	4	5"-9" 5'-10"	25'-0" 25'-4"		
75 76	2	<u>4</u> 4	6"	5'-11"	25 - / 25'-11"	1	4	5'-11"	25 -4 25' - 8"		
70	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"	26'-4"		
79	2	4	6"	6'-2"	26'-11"	1	4	6'-2"	26'-8"		
80	2	4	6"	6'-3"	27'-3"	1	4	6'-3"	27' - 0"		
81	2	4	6"	6'-4"	27'-7"	1	4	6'-4"	27' - 4"		

- 1. The table of dimensions for a dynamic message sign structure is divided and put on two Standard Drawings E 802-DMSS-04 and 05. The table shows dimensions with all sections requirements accounted
- 2. All panels on a truss shall be the same length. The minimum panel length for all trusses is 5 ft - 0 in. and the maximum is 6 ft - 6 in.
- 3. A single interior section in a truss shall have an even number of panels to maintain the pattern of the vertical diagonals.
- 4. Use minimum number of sections for each truss, keeping the maximum section length at 35 ft - 6 in.
- 5. See Standard Drawing E 802-DMSS-05 for required camber.

INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE TABLE OF DIMENSIONS **SPANS 34' THRU 81'** SEPTEMBER 2022

STANDARD DRAWING NO. E 802-DMSS-04



05/17/22 DESIGN STANDARDS ENGINEER DATE

06/28/2022 CHIEF ENGINEER

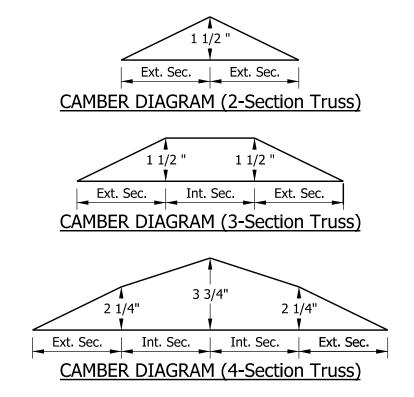
DATE

DIMENSIONS FOR DINAMIC MESSAGE SIGN STRUCTURES (62 THRU 150)										
SPAN		EXTE	RIOR SECTION	ONS	INTERIOR SECTIONS					
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	
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	5"	6'-1"	32'-7"	1	4	6'-1"	26'-4"	
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" 5 1/2"	6'-2 1/2" 6'-3 1/2"	33'-4" 33'-8"	1	4	6'-2 1/2" 6'-3 1/2"	26'-10"	
93 94	2	5	6 1/4"	6'-4 1/4"	34'-0 1/2"	1 1	4	6'-4 1/4"	27'-2" 27'-5"	
95	2	5	5 1/4"	6'-5 1/4"	34'-4 1/2"	1 1	4	6'-5 1/4"	27'-9"	
96	2	5	6"	6'-6"	34'-9"	1	4	6'-6"	28'-0"	
97	2	4	6"	5'-7 1/2"	24'-9"	2	4	5'-7 1/2"	24'-6"	
98	2	4	6"	5'-8 1/4"	25'-0"	2	4	5'-8 1/4"	24'-9"	
99	2	4	6"	5'-9"	25'-3"	2	4	5'-9"	25'-0"	
100	2	4	6"	5'-9 3/4"	25'-6"	2	4	5'-9 3/4"	25'-3"	
101	2	4	6"	5'-10 1/2"	25'-9"	2	4	5'-10 1/2"	25'-6"	
102	2	4	6"	5'-11 1/4"	26'-0"	2	4	5'-11 1/4"	25' - 9"	
103	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	<u>4</u> 4	6" 6"	6'-3 3/4" 6'-4 1/2"	27'-6" 27'-9"	2	4	6'-3 3/4" 6'-4 1/2"	27'-3" 27'-6"	
109 110	2	4	6"	6'-5 1/4"	28'-0"	2 2	4	6'-5 1/4"	27'-6"	
111	2	4	6"	6'-6"	28' - 3"	2	4	6'-6"	27 - 9 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 1/2"	
114	2	5	5 1/2"	5'-4 1/4"	28'-11 3/4"	2	5	5'-4 1/4"	28'-9 1/4"	
115	2	5	6 1/2"	5'-4 3/4"	29'-3 1/4"	2	5	5'-4 3/4"	28'-11 3/4"	
116	2	5	5"	5'-5 1/2"	29'-5 1/2"	2	5	5'-5 1/2"	29'-3 1/2"	
117	2	5	6"	5'-6"	29'-9"	2	5	5'-6"	29'-6"	
118	2	5	5"	5'-6 1/2"	29'-10 1/2"	2	5	5'-6 1/2"	29'-8 1/2"	
119	2	5	5 1/2"	5'-7 1/4"	30'-2 3/4"	2	5	5'-7 1/4"	30'-0 1/4"	
120	2	5	6 1/2"	5'-7 3/4"	30'-6 1/4"	2	5	5'-7 3/4"	30'-2 3/4"	
121	2	5	5"	5'-8 1/2"	30'-8 1/2"	2	5	5'-8 1/2"	30'-6 1/2"	
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 1/2"	
124	2	5	5 1/2" 6 1/2"	5'-10 1/4" 5'-10 3/4"	31'-5 3/4" 31'-9 1/4"	2	5	5'-10 1/4" 5'-10 3/4"	31'-3 1/4" 31'-5 3/4"	
125 126	2	<u>5</u> 5	5"	5'-10 3/4" 5'-11 1/2"	31 -9 1/4	2 2	5 5	5'-10 3/4"	31-5 3/4" 31'-9 1/2"	
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 1/2"	
129	2	5	5 1/2"	6'-1 1/4"	32'-8 3/4"	2	5	6'-1 1/4"	32'-6 1/4"	
130	2	5	6 1/2"	6'-1 3/4"	33'-0 1/4"	2	5	6'-1 3/4"	32'-8 3/4"	
		<u> </u>	<i> </i> -	, .	- / ·			, .	, .	

DIMENSIONS FOR DYNAMIC MESSAGE SIGN STRUCTURES (82' THRU 130')

NOTES:

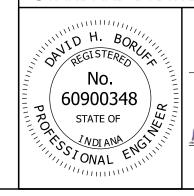
- 1. Camber diagrams to build truss structures with 2 to 4 sections are shown. Cambers shown are for fabrication only and are measured with trusses fully supported at no-load conditions. Allowable camber tolerance for truss is 25% of specific camber value.
- 2. See Standard Drawing E 805-DMSS-04 for additional notes.



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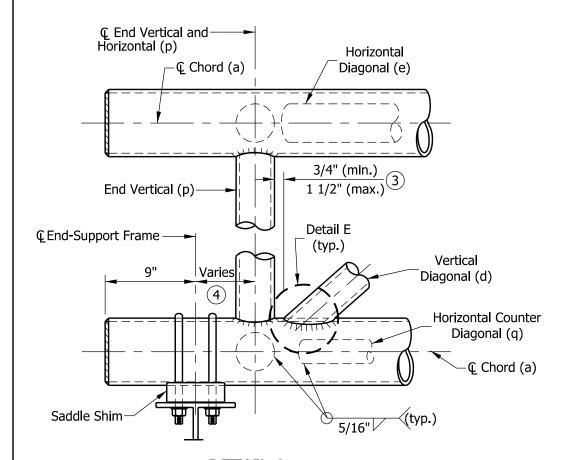
DYNAMIC MESSAGE SIGN STRUCTURE
TABLE OF DIMENSIONS
SPANS 82' THRU 130' & CAMBER
SEPTEMBER 2022

STANDARD DRAWING NO. E 802-DMSS-05



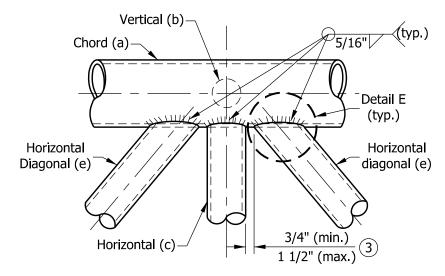
DESIGN STANDARDS ENGINEER DATE

CHIEF ENGINEER DATE



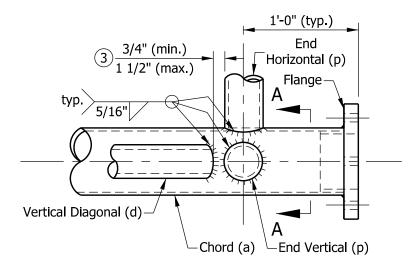
DETAIL A

EXTERIOR SECTION AT END-SUPPORT

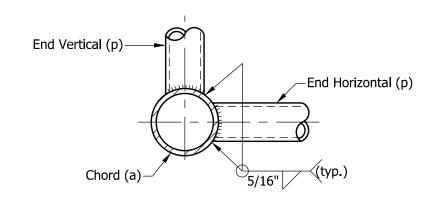


<u>DETAIL B</u>

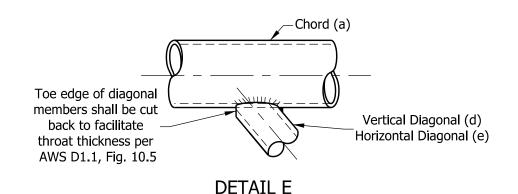
TYPICAL PANEL CONNECTION
PLAN VIEW



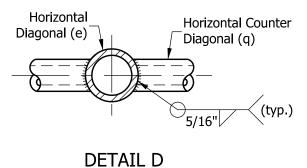
DETAIL C
CHORD AT FLANGE CONNECTION
PLAN VIEW



SECTION A-A
TYPICAL JOINT DETAILS



- 1. All bracing members shall be machined to provide a snug fit to the chord along the entire edge of bracing members before welding.
- 2. See Standard Drawing E 802-DMSS-03 for member locations and sizes.
- (3) Vertical and horizontal diagonals shall be detailed for minimum offset from the panel point based on the following: offset shall be such as to provide a ¾ in. minimum to 1½ in. maximum clearance between any diagonal and any horizontal or vertical member; and provide clearance for U-bolt connection for signs.
- For variable end dimension, Standard Drawings E 802-DMSS-04 and 05

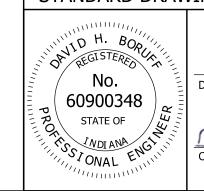


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DYNAMIC MESSAGE SIGN STRUCTURE CHORD CONNECTIONS AND WELD DETAILS

SEPTEMBER 2022

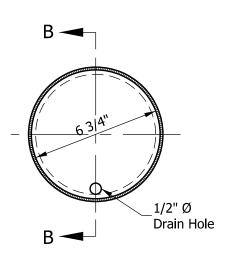
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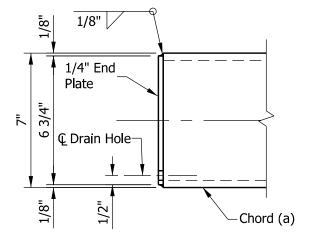


DESIGN STANDARDS ENGINEER DATE

CHIEF ENGINEER DATE

1. See Standard Drawing E 802-DMSS-02 for chord flange locations.

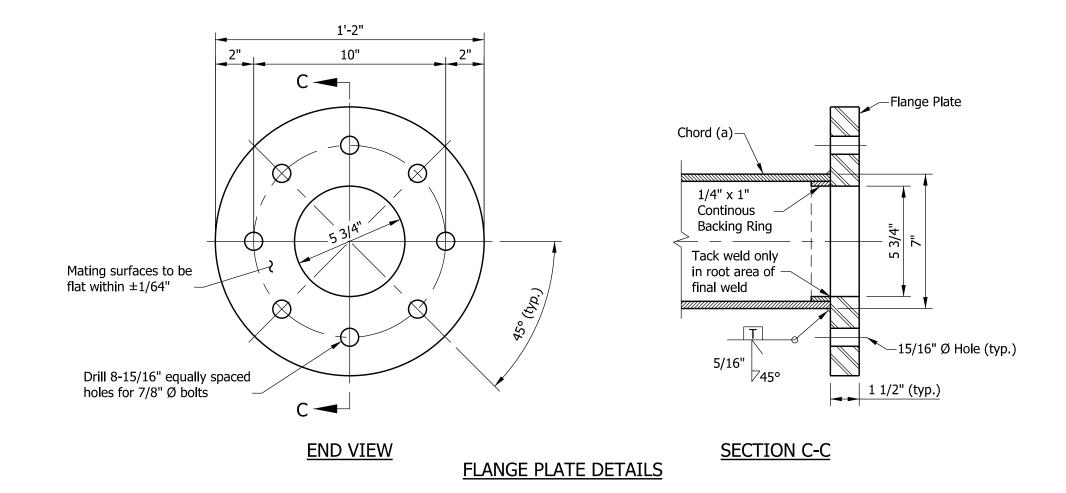


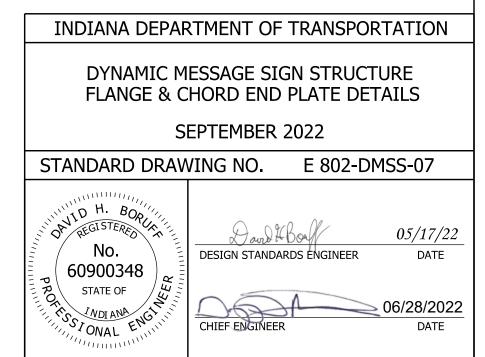


END VIEW

SECTION B-B

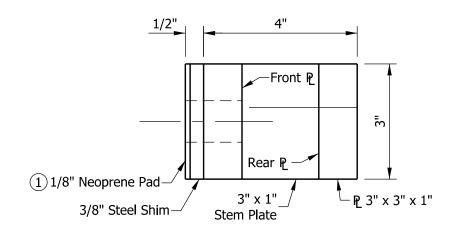
CHORD END PLATE DETAILS



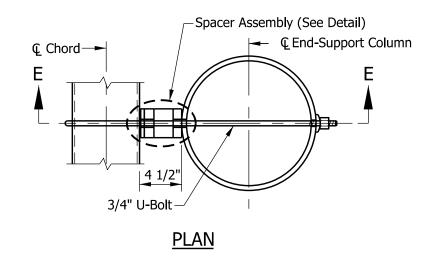


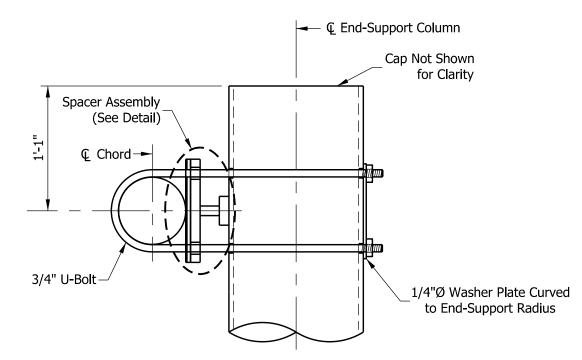
3/8" Steel Shim-4" 1)1/8" Neoprene Pad-3" x 1" Stem Plate -3" x 3" x 1" ₽ 10 3/4" ≅ (typ.) 1/4" D € 2 Holes - 1" Ø for U-Bolts (typ.) <u> 1"</u>

ELEVATION END-SUPPORT SPACER ASSEMBLY DETAIL

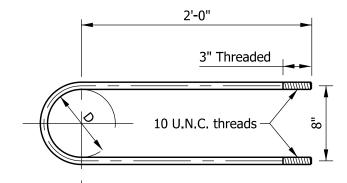


SECTION D-D





SECTION E-E UPPER CHORD CONNECTION DETAILS



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

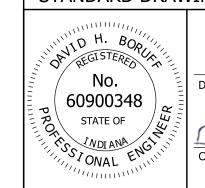
NOTES:

- 1 Provide isolation from steel-dissimilar metal as required.
- 2. All spacer assembly material shall be steel.

INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE **END SUPPORT UPPER CHORD CONNECTION DETAILS** SEPTEMBER 2022

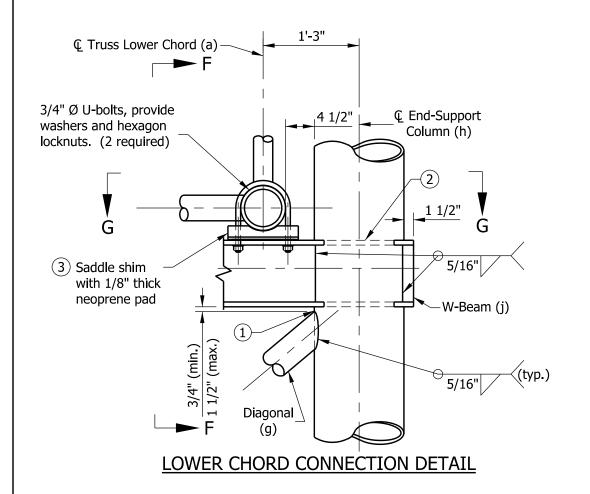
STANDARD DRAWING NO. E 802-DMSS-08

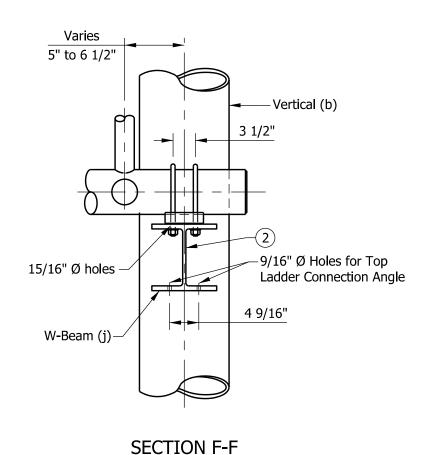


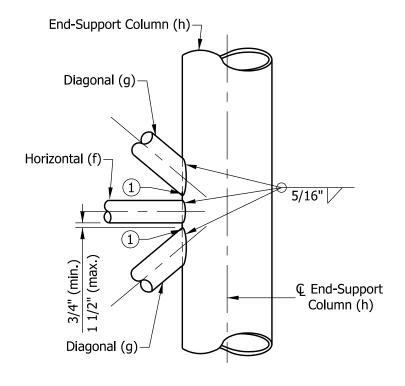
05/17/22

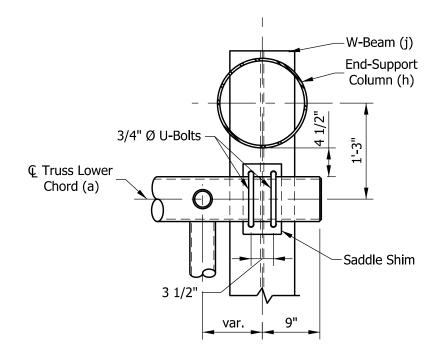
DESIGN STANDARDS ENGINEER DATE

06/28/2022 CHIEF ENGINEER DATE





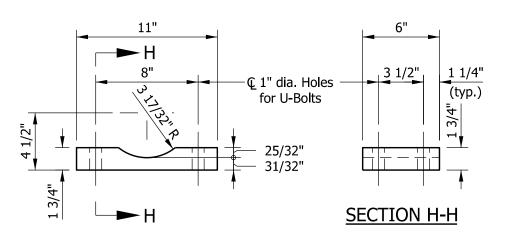




ELEVATION (END SUPPORT) TYPICAL BRACING MEMBERS CONNECTION

SECTION G-G

- 1 Toe edge of diagonal member shall be cut back to facilitate throat thickness. See Standard Drawing E 802-DMSS-06 for toe-edge Detail E.
- (2) Cut holes in end support columns for W-beams to pass through. Holes shall have ½ in. maximum clearance to W-beam. Holes in opposite sides of column shall be checked for proper alignment prior to cutting.
- (3) Neoprene pads shall be provided at all chord-to-W-beam bearing surfaces.
- 4. See Standard Drawing E 802-DMSS-03 for end-support member sizes.

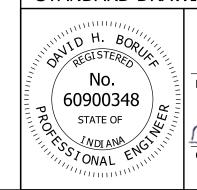


SADDLE SHIM DETAIL

INDIANA DEPARTMENT OF TRANSPORTATION

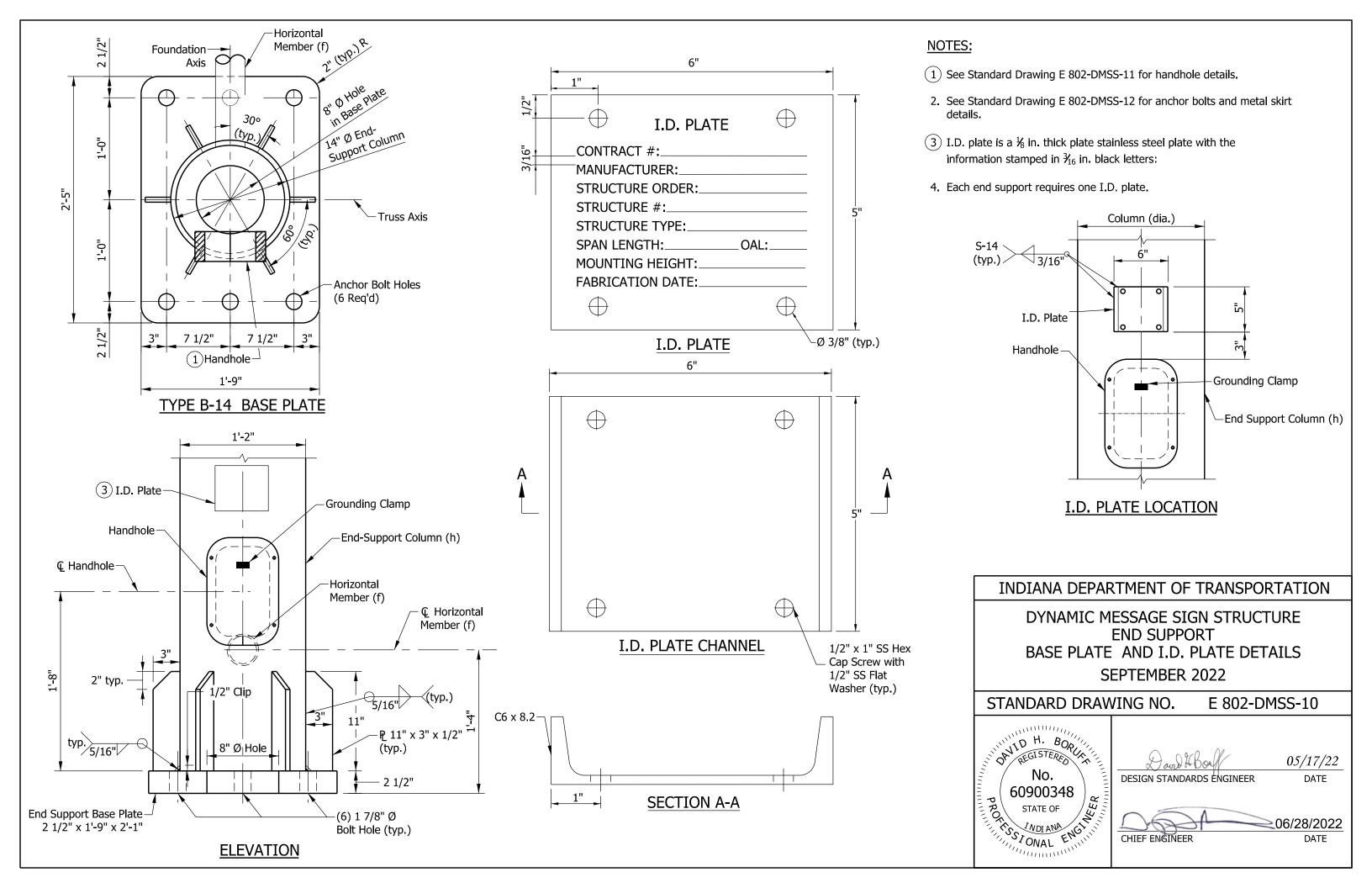
DYNAMIC MESSAGE SIGN STRUCTURE **END-SUPPORT** LOWER CHORD CONNECTION DETAILS SEPTEMBER 2022

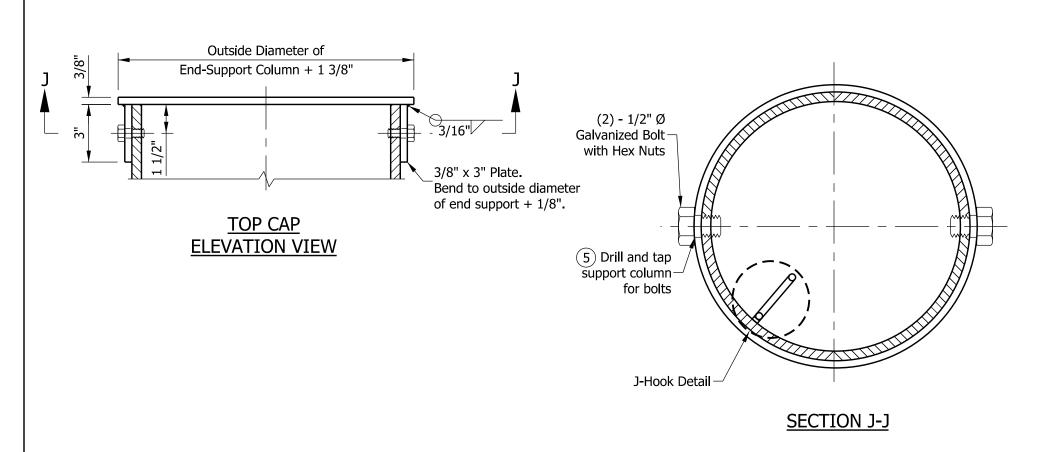
STANDARD DRAWING NO. E 802-DMSS-09

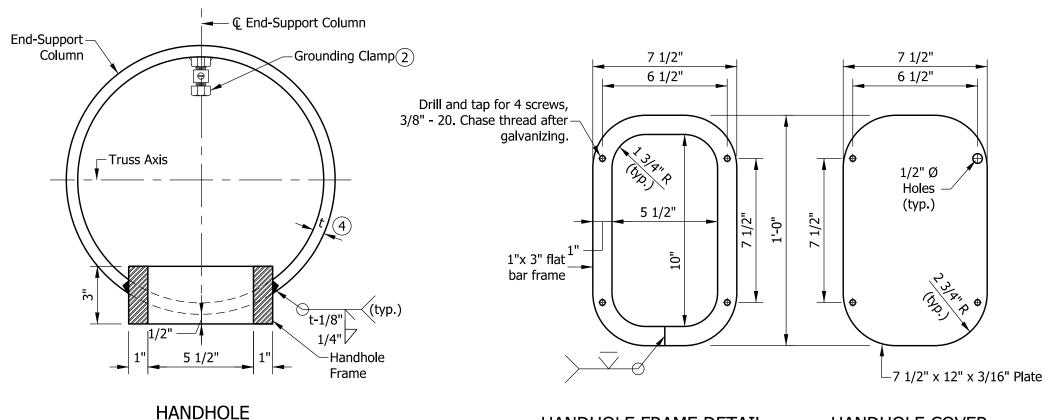


05/17/22 DESIGN STANDARDS ENGINEER DATE

06/28/2022 CHIEF ENGINEER DATE







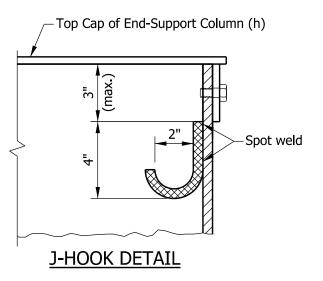
SECTION ACROSS COLUMN

HANDHOLE FRAME DETAIL

HANDHOLE COVER

NOTES:

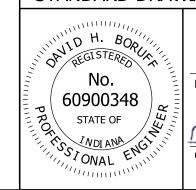
- 1. In lieu of fabricated handhole frame as shown, frame may be cut from 3 in. plate (rolling direction vertical).
- (2) See Standard Drawing E 802-SNWR-03 for grounding post details. Grounding post to be placed on far side of support directly opposite center of handhole.
- 3. See Standard Drawing E 802-DMSS-10 for handhole locations.
- (4) See Standard Drawing E 802-DMSS-03 for thicknesses of end-support
- (5) Bolts shall be located to miss J-hook.
- 6. One handhole required on each end support.



INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE END SUPPORT HANDHOLE, TOP CAP, AND J-HOOK DETAILS SEPTEMBER 2022

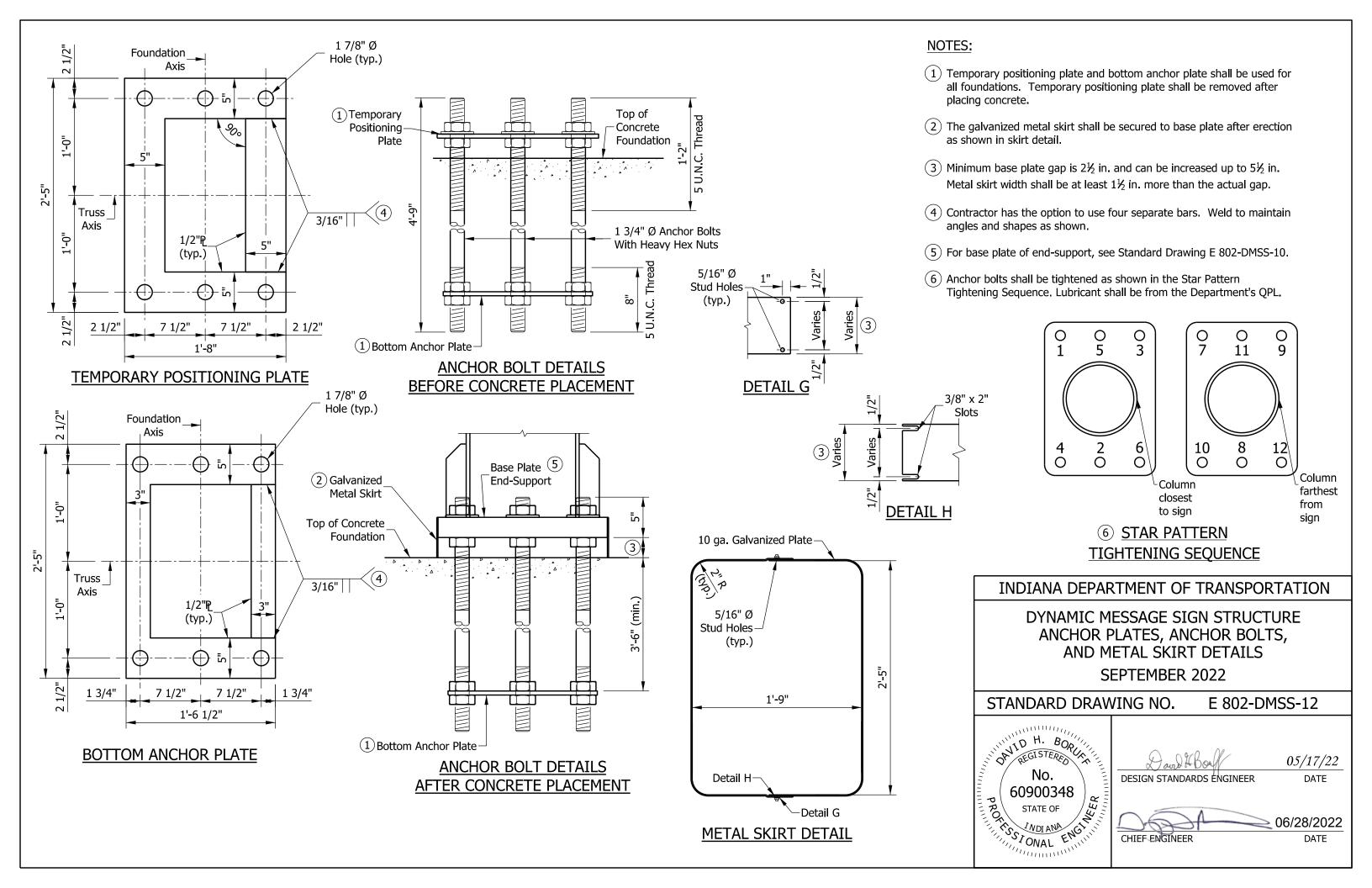
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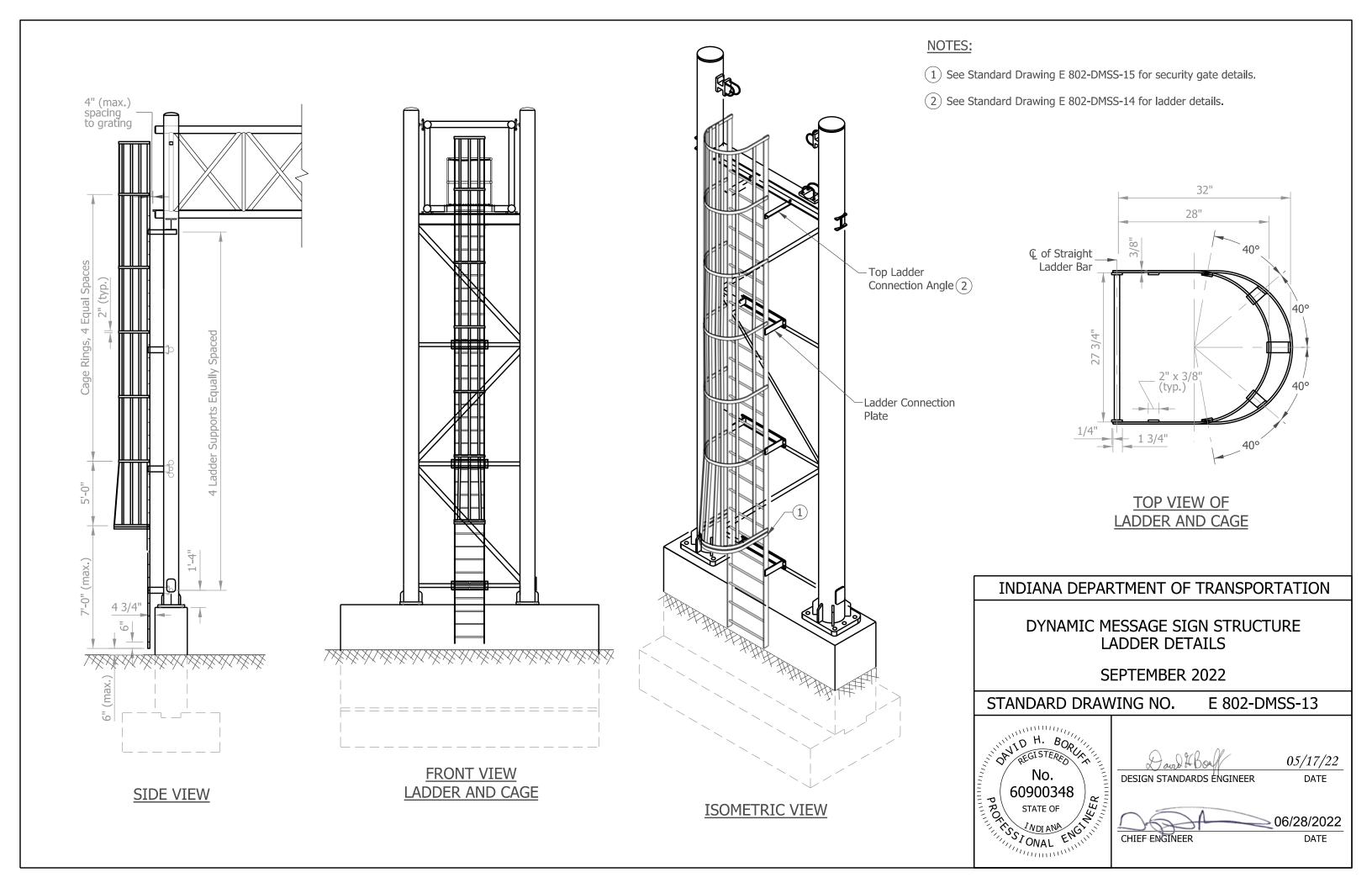


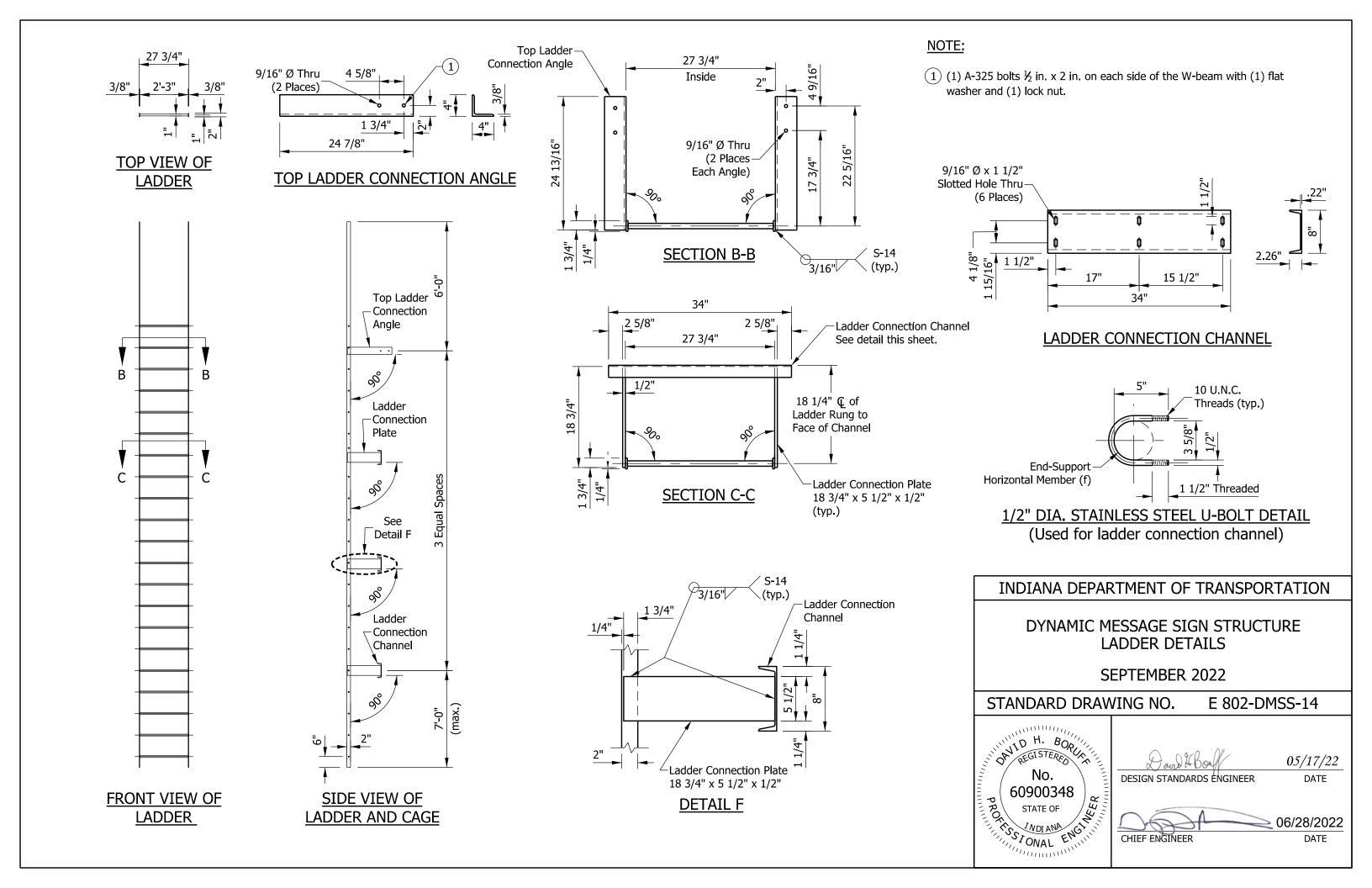
05/17/22 DESIGN STANDARDS ENGINEER DATE

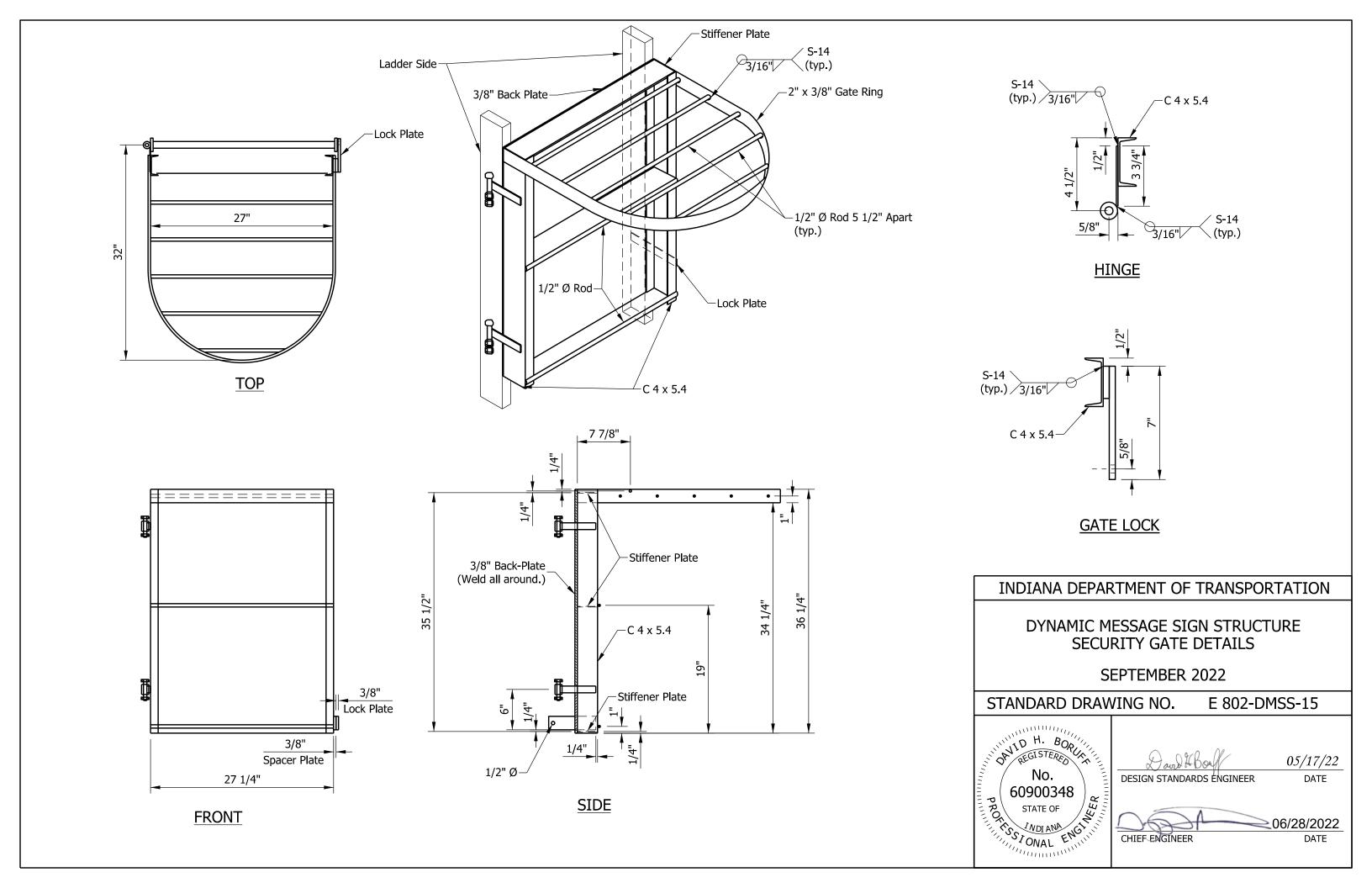
06/28/2022 CHIEF ENGINEER

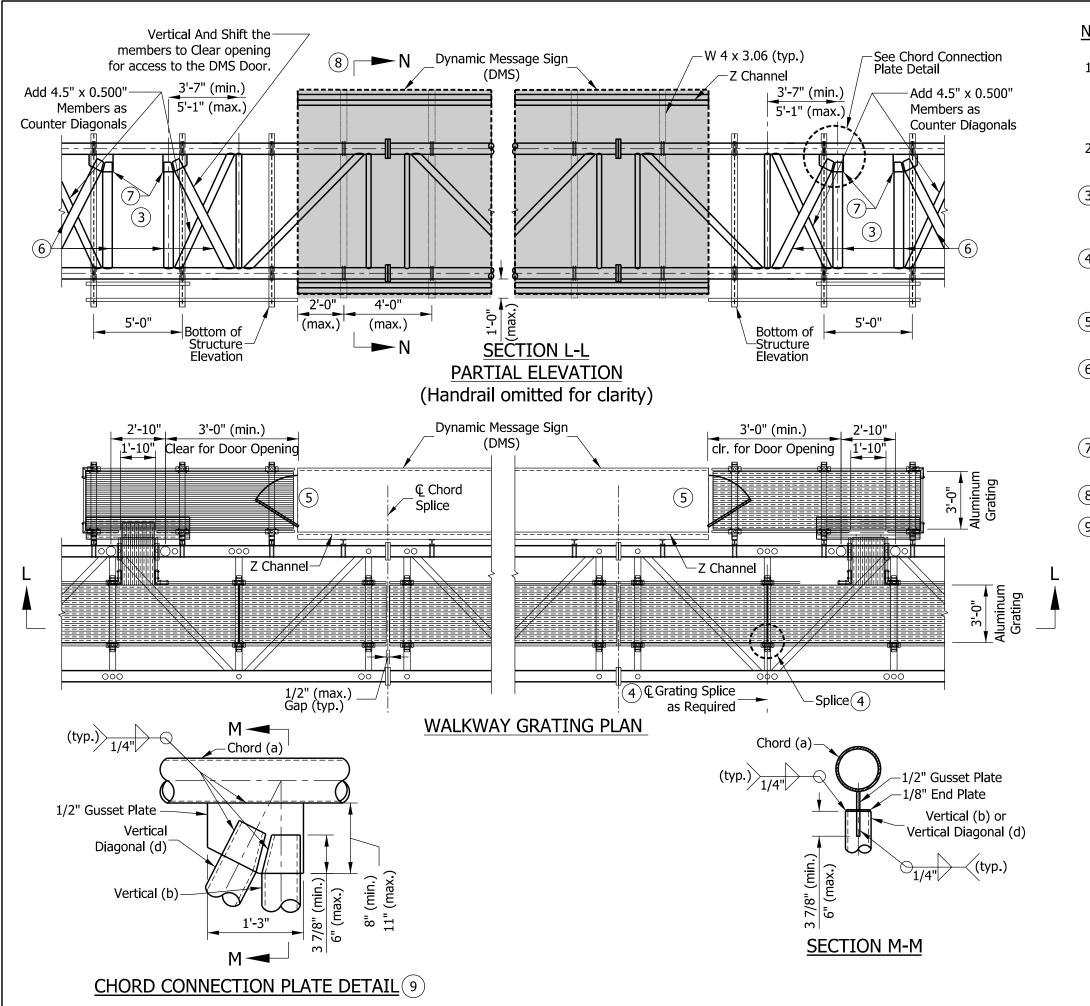
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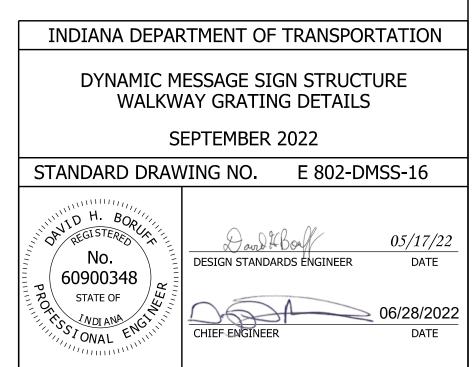


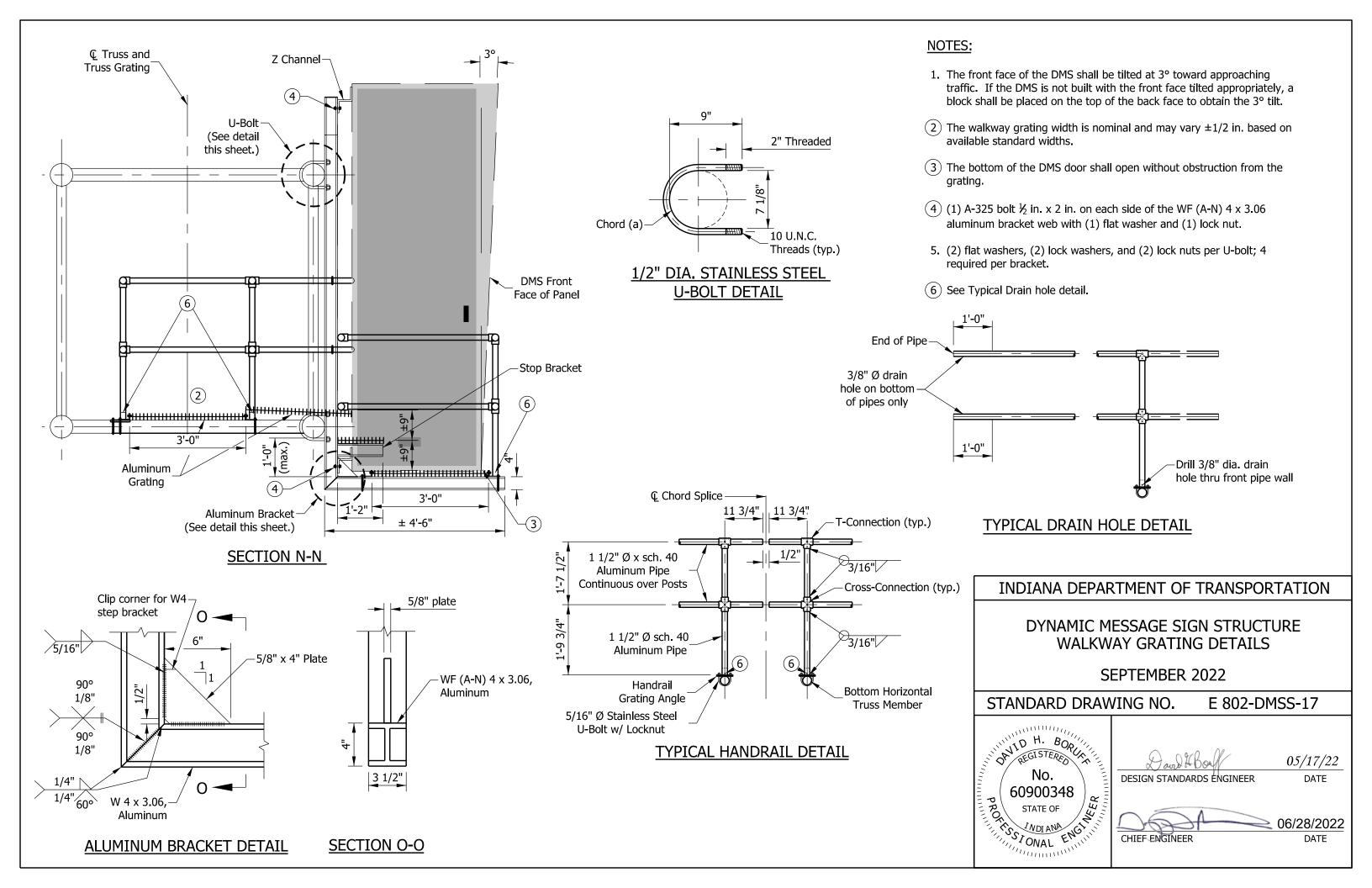


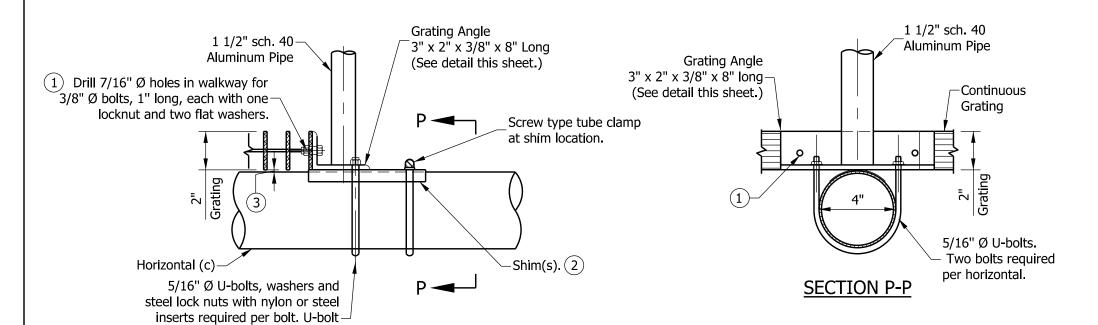




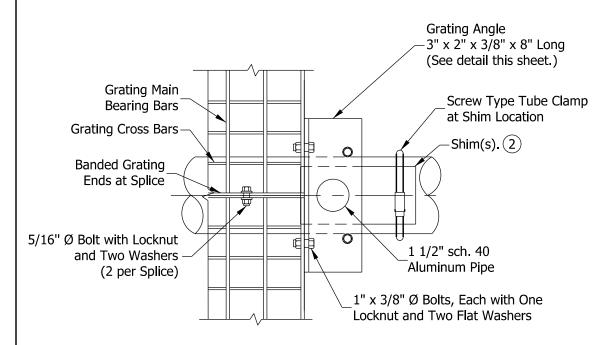
- 1. Interior walkway gratings are extruded I-bars 2 in. x $\frac{1}{4}$ in. at $\frac{1}{16}$ in. center-to-center. Crossbar shall have a maximum gap of 4 in. Moment of inertia $I_x = 1.382$ in . A different grating of equal strength may be used upon approval.
- 2. Interior walkway grating shall run the full length center to center of end support truss members plus 9 in. at each end.
- (3) The contractor shall coordinate with the fabricator to determine which truss panel is to be modified to allow opening for access to the DMS door.
- 4 Interior walkway gratings can be spliced on center of any horizontal truss members as needed. See Standard Drawing E 802-DMSS-18 for typical grating splice detail.
- 5 The contractor shall coordinate with sign manufacturer so floor inside DMS is one comfortable step to the exterior grating.
- (6) Truss vertical and diagonal members on each side of the DMS access door shall be aluminum with 6.0 in. diameter and a minimum wall thickness 0.500 in. Counter diagonals shall be aluminum with 4.5 in. dia. and a minimum wall thickness of 0.500 in.
- (7) Gusset plates shall be installed at vertical and diagonal intersection on each side of the opening for access to DMS door.
- (8) See Standard Drawing E 802-DMSS-17 for Section N-N.
- (9) Vertical and horizontal members shall be clipped to maintain centerline intersection with chord. 1 in. clearance between vertical and diagonal members shall be provided.







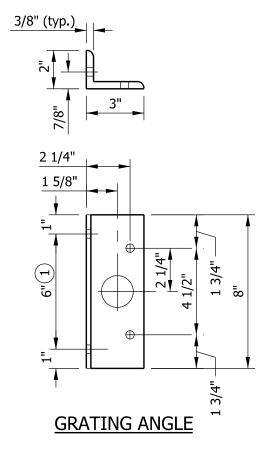
GRATING SUPPORT DETAIL



and base plate connections

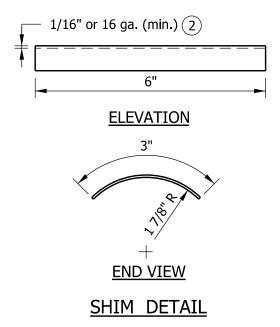
required at horizontals only.

GRATING SPLICE DETAIL

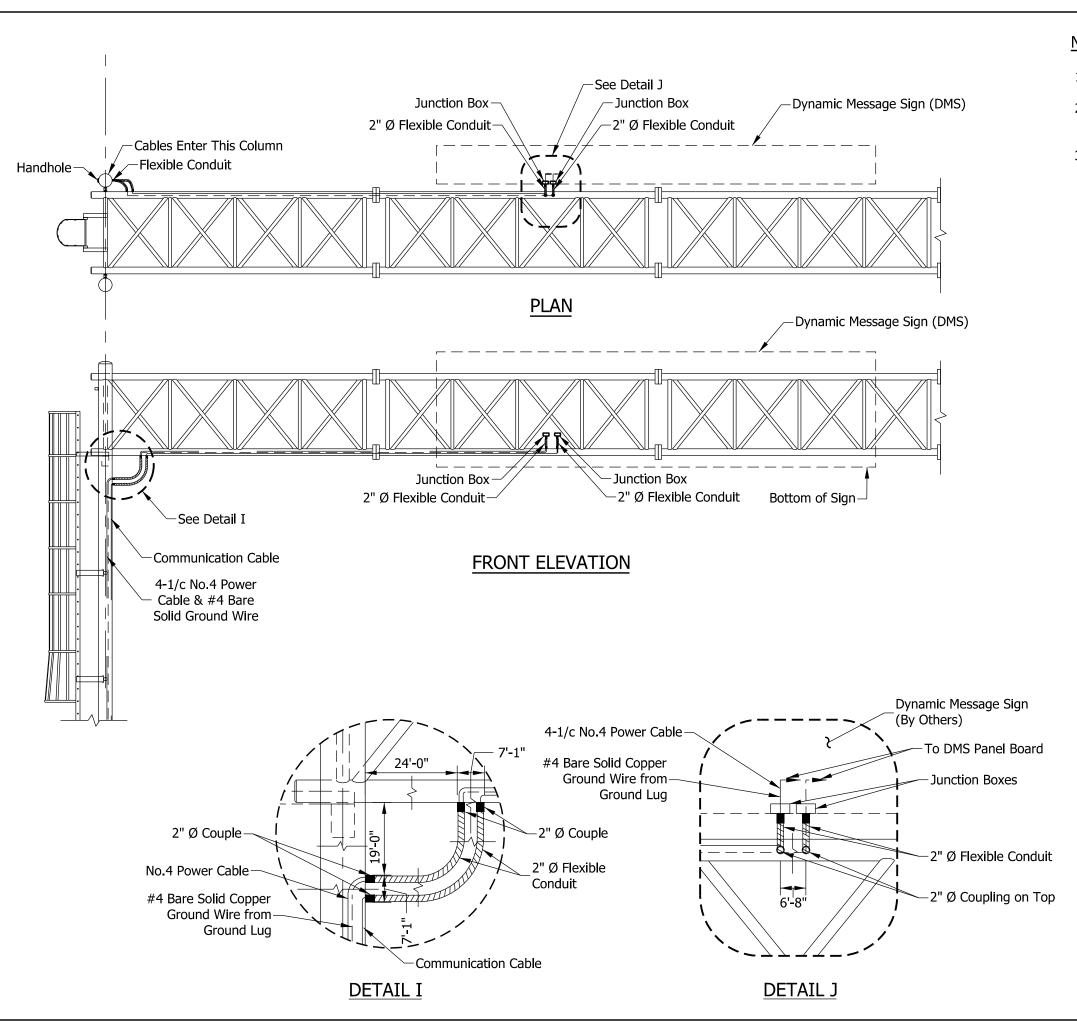


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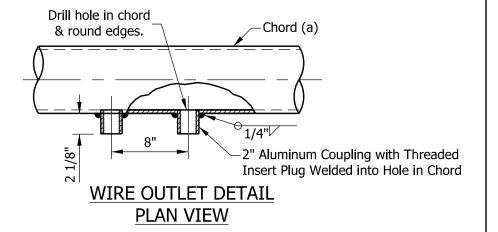
- 1 Drilling of holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- 2 Shims may be placed as shown if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- (3) Tube-to-grating gap may vary from 0 in. to ½ in. max. to align walkway and to allow for camber.







- 1. Cables shall be laid out as shown or as otherwise directed.
- 2. It is the Contractor's responsibility to coordinate locations of cable access with manufacturers.
- 3. Wire outlets shall be composed of aluminum on the chord and steel on the end support and shall have threaded-insert plug.

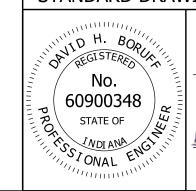


INDIANA DEPARTMENT OF TRANSPORTATION DYNAMIC MESSAGE SIGN STRUCTURE

WIRING LAYOUT DETAILS

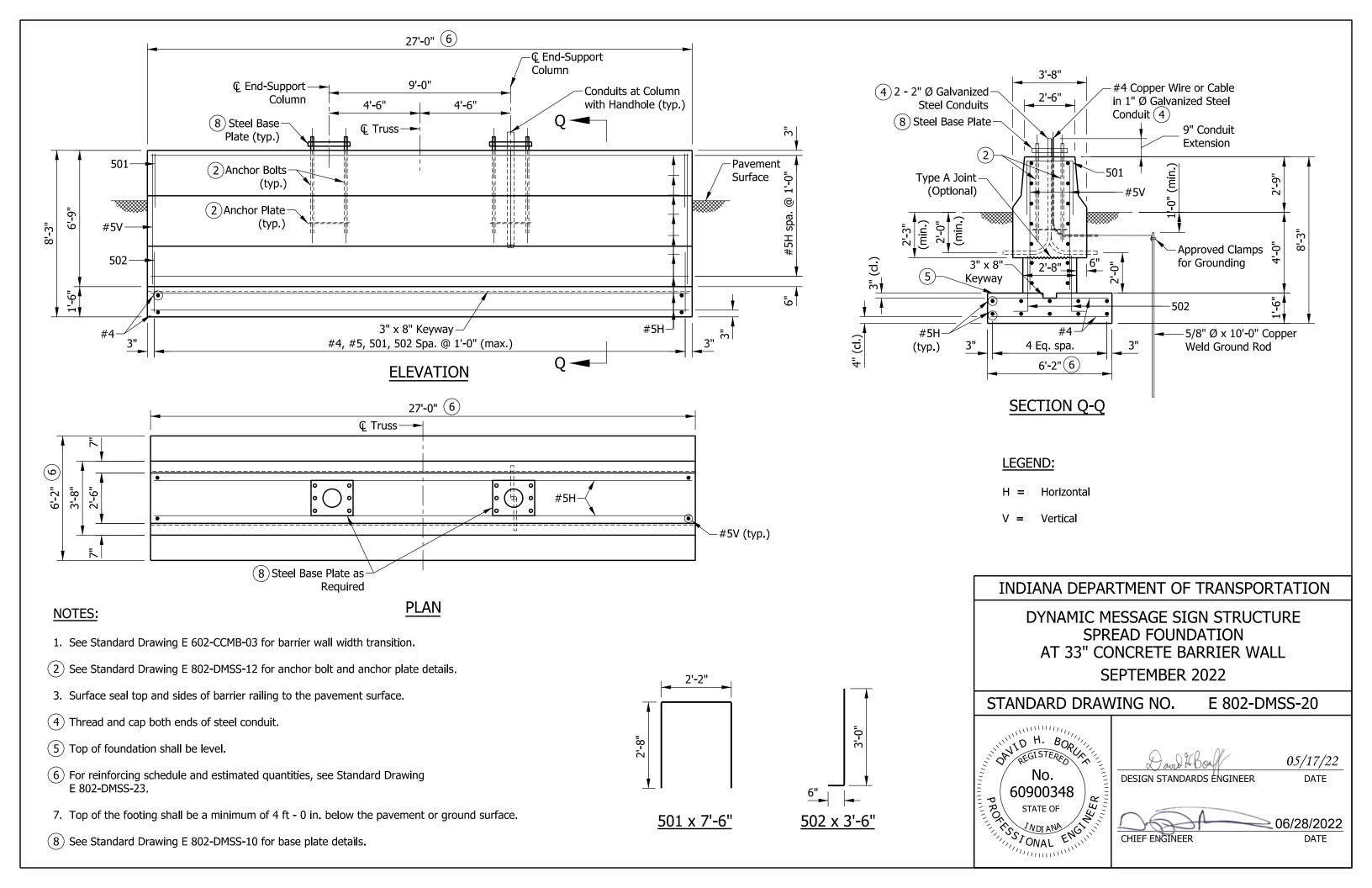
SEPTEMBER 2022

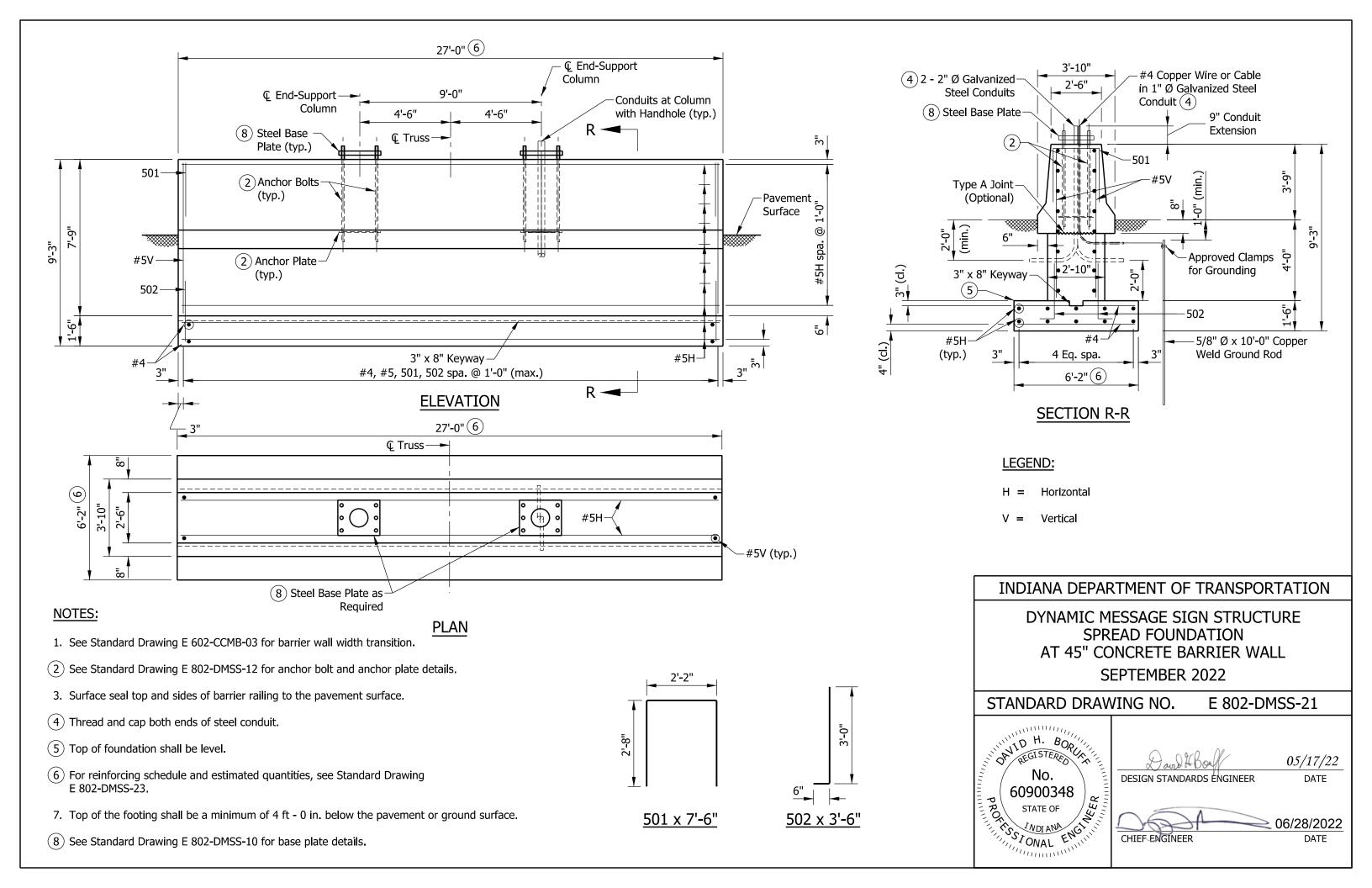
STANDARD DRAWING NO. E 802-DMSS-19

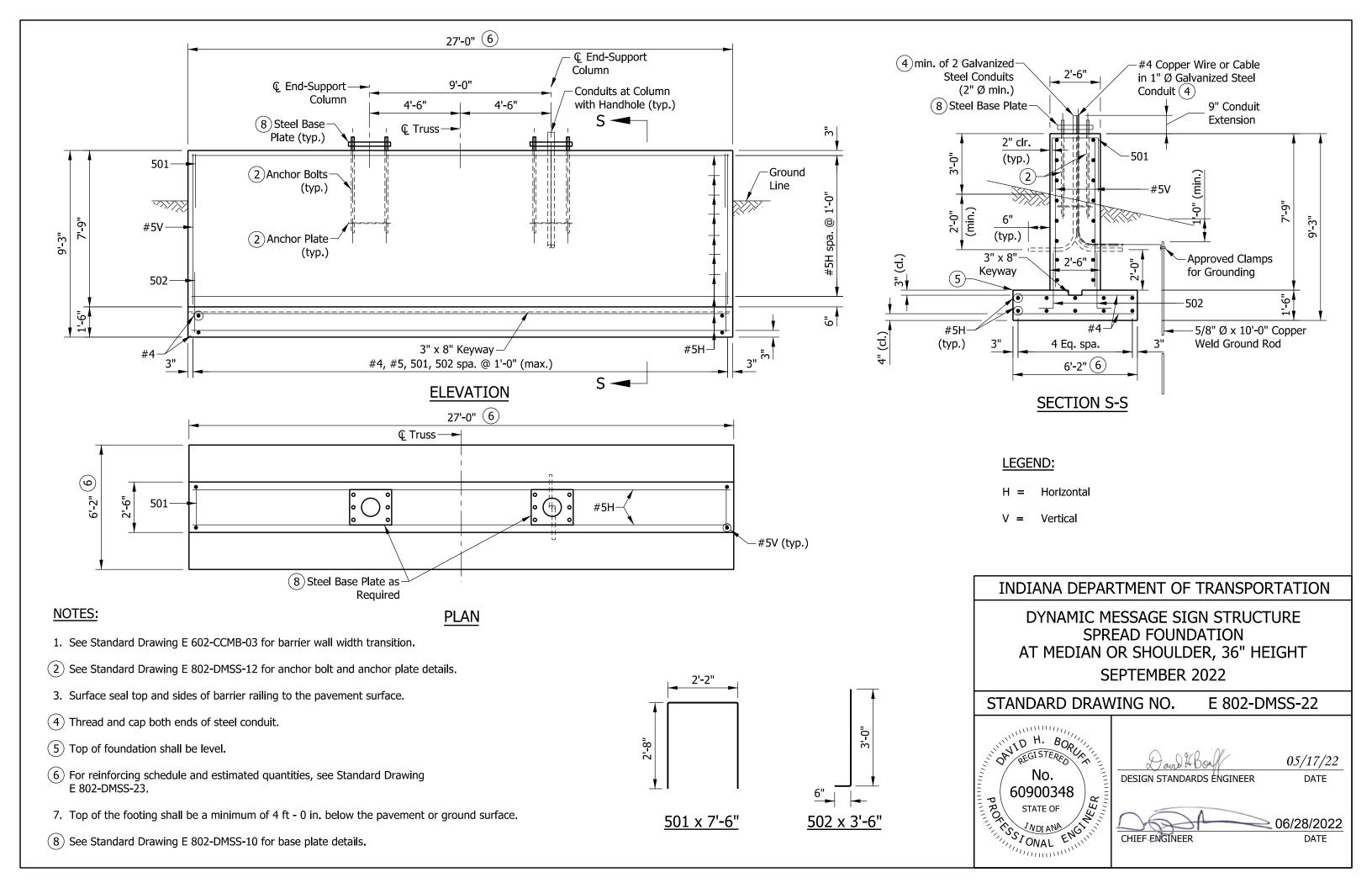


DESIGN STANDARDS ENGINEER DATE

O6/28/2022
CHIEF ENGINEER DATE







SPREAD FOUNDATIONS BILL OF MATERIALS													
TYPE OF BARRIER		#4		#5H		#5V		501		02	TOTAL EPOXY COATED	CONCRETE	SURFACE SEAL
	NO. BARS	LENGTH	REINFORCING BARS (LBS)	CLASS A (CYS)	(SYS)								
33" Concrete Barrier	56	5'-8"	24	26'-8"	56	6'-6"	28	7'-6"	56	3'-6"	1685	30.1	24.8
45" Concrete Barrier	56	5'-8"	26	26'-8"	56	7'-6"	28	7'-6"	56	3'-6"	1799	32.3	30.9
36" Median or Shoulder Barrier	56	5'-8"	26	26'-8"	56	7'-6"	28	7'-6"	56	3'-6"	1799	28.7	25.5

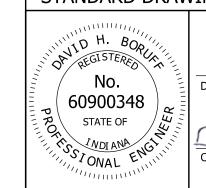
- 1. If Allowable Gross Soil Bearing Pressure is less than 1500 psf, a drilled shaft or other special foundation shall be used.
- 2. See Standard Drawings E 802-DMSS-20 through 22 for locations of dimensions and reinforcing bars.

INDIANA DEPARTMENT OF TRANSPORTATION

DYNAMIC MESSAGE SIGN STRUCTURE SPREAD FOUNDATIONS QUANTITIES

SEPTEMBER 2022

STANDARD DRAWING NO. E 802-DMSS-23



05/17/22

DESIGN STANDARDS ENGINEER DATE

≥ 06/28/2022 CHIEF ENGINEER