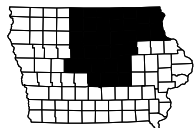


STATEWIDE COUNTY

Traffic Signs

LETTING DATE
NHSN-000-T(492)--2R-00
Sept 15, 2026



INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
B Sheets	Typical Cross Sections and Details
B.1 - 9	Typical Drawings and Details
C Sheets	Quantities and General Information
C.1 - 2	Estimated Project Quantities and Reference Notes
C.3	Standard Road Plans
C.4 - 5	Signing Notes
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan
J.2 - 6	Allowable Lane Closure Maps



PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

STATEWIDE COUNTY

Traffic Signs

Various Locations in District 1 and District 2,
On-Call Type B Signing
(FY 2027)
SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	Neal Fobian	Primary Signature Block	C.1 - C.2

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Neal Fobian 07-07-2026
Signature Date

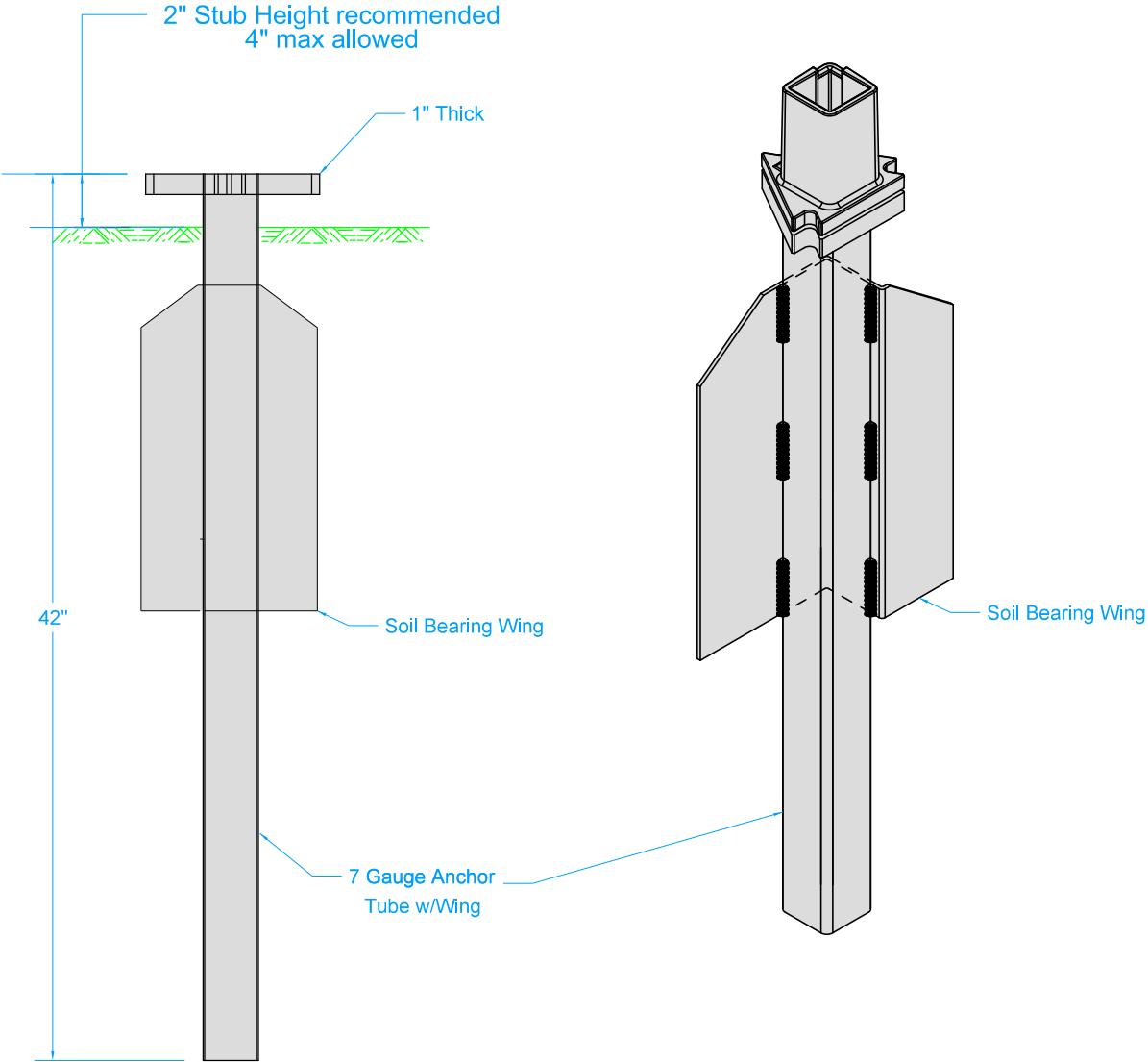
Neal Fobian
Printed or Typed Name

My license renewal date is December 31, 2026

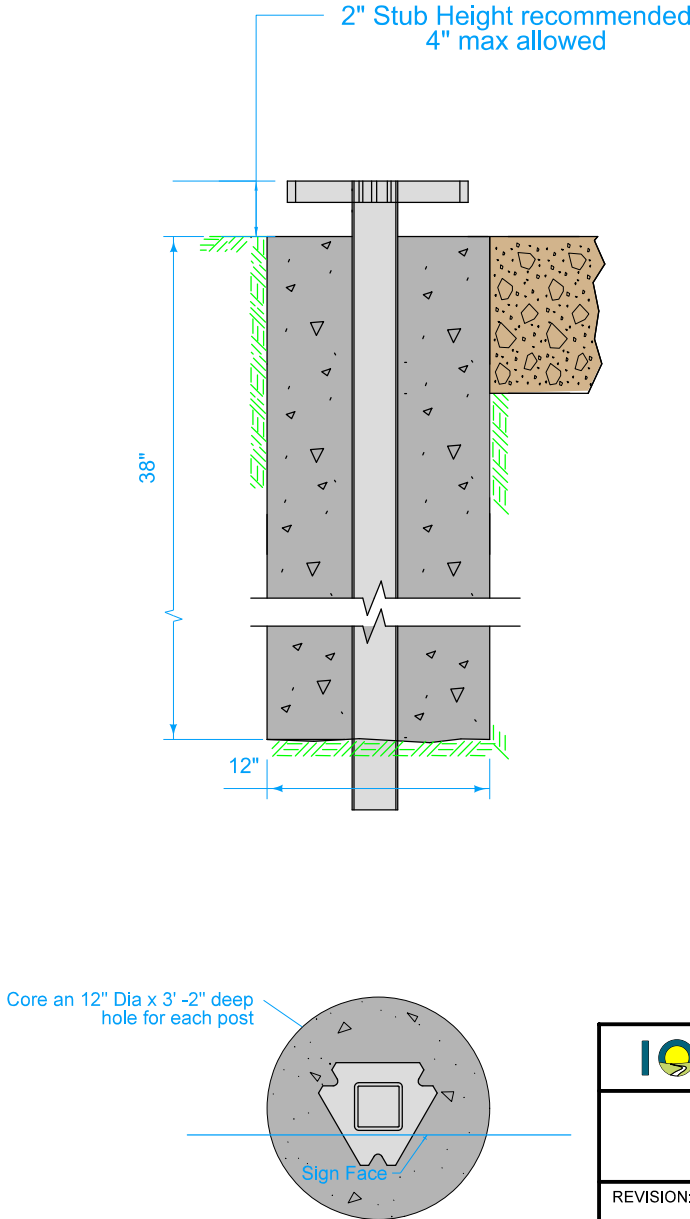
Pages or sheets covered by this seal: A.1, B.1 - B.9, C.1 - C.5, and J.1.

REVISIONS		TOTAL
		21
PROJECT IDENTIFICATION NUMBER		
26-00-000-280		
PROJECT NUMBER		
NHSN-000-T(492)--2R-00		
R.O.W. PROJECT NUMBER		
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TYPE 3 INSTALLATION
(TRIANGULAR SLIP BASE SOIL)

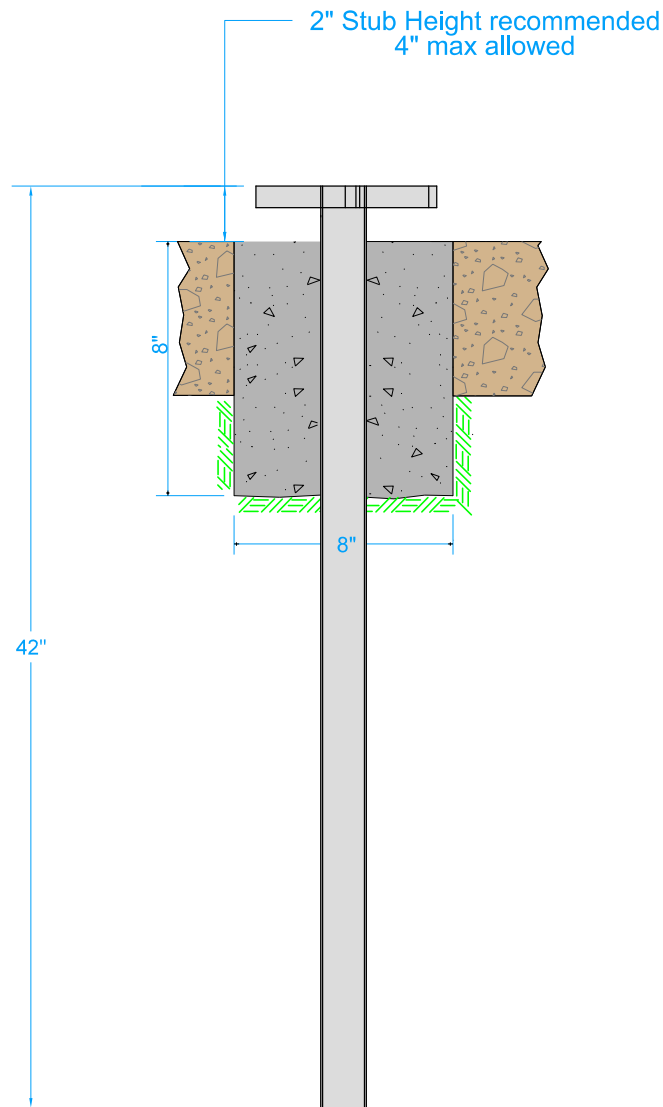


TYPE 4 INSTALLATION
(TRIANGULAR SLIP BASE CONCRETE)

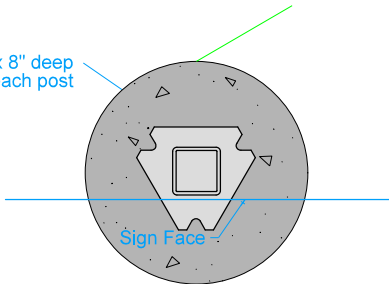


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	TAS STANDARD			
REVISION: __				
Support Structures - Perforated Square Steel Tube Anchor and Post				

TYPE 5 INSTALLATION
(TRIANGULAR SLIP BASE CONCRETE)

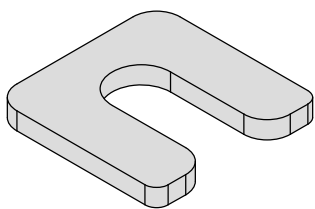


Core an 8" Dia x 8" deep
hole for each post



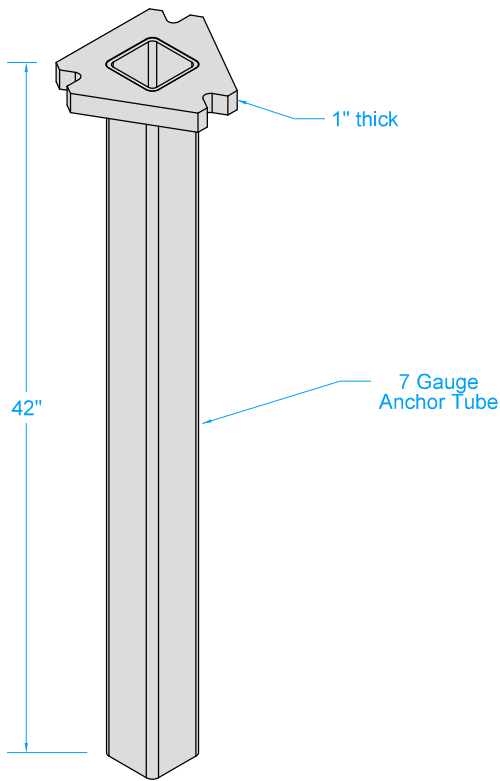
① Used in concrete islands.

IOWA DOT	REVISION	
	-	00-00-00
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	TAS STANDARD	
REVISION: __		
Support Structures - Perforated Square Steel Tube Anchor and Post		

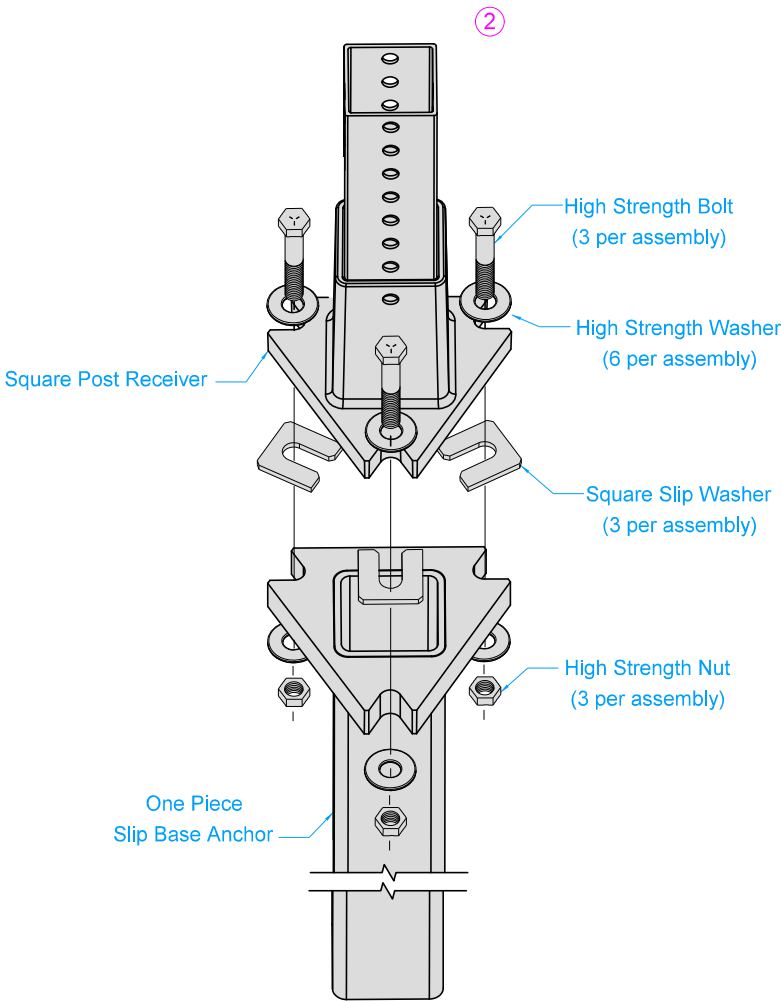


1 $\frac{3}{4}$ " SQUARE X $\frac{3}{16}$ "
SQUARE SLIP WASHER

ONE PIECE
SLIP BASE ANCHOR

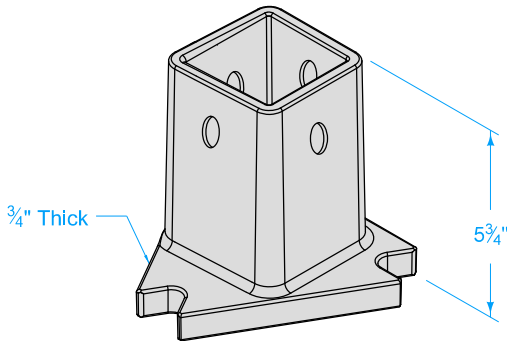


- ① Type III/IV installation
② Fastener size and installation procedure shall be according to manufacturer's recommendation.

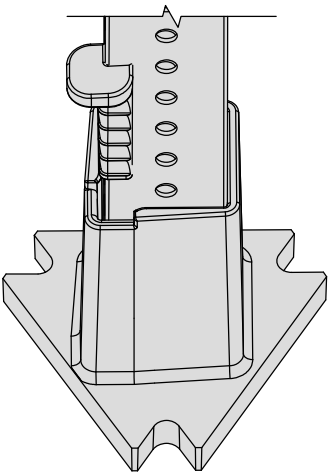


EXPLODED VIEW
SLIP BASE, RECEIVER AND
CONNECTION HARDWARE

OPTION 1



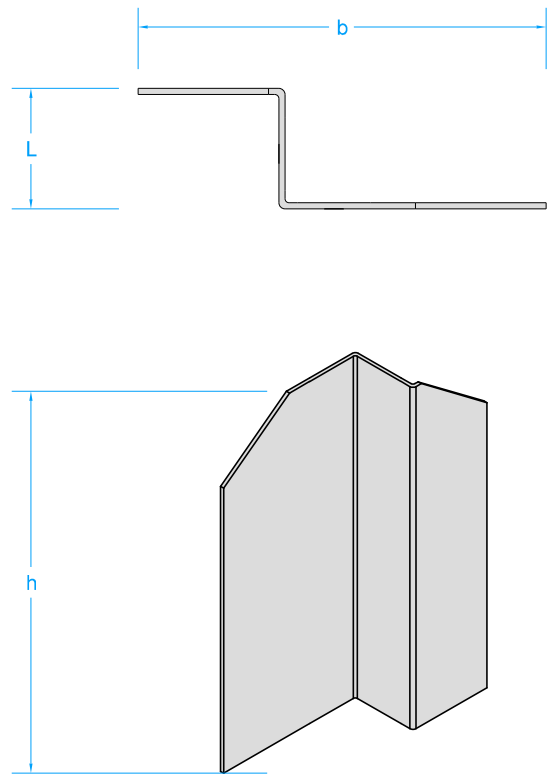
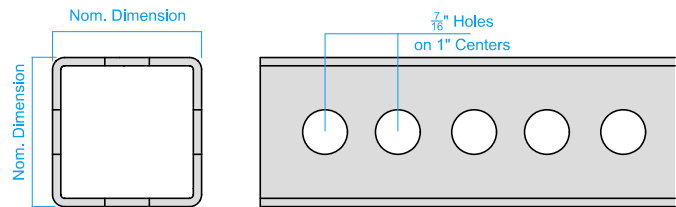
OPTION 2



2 $\frac{1}{2}$ " SQUARE POST RECEIVER

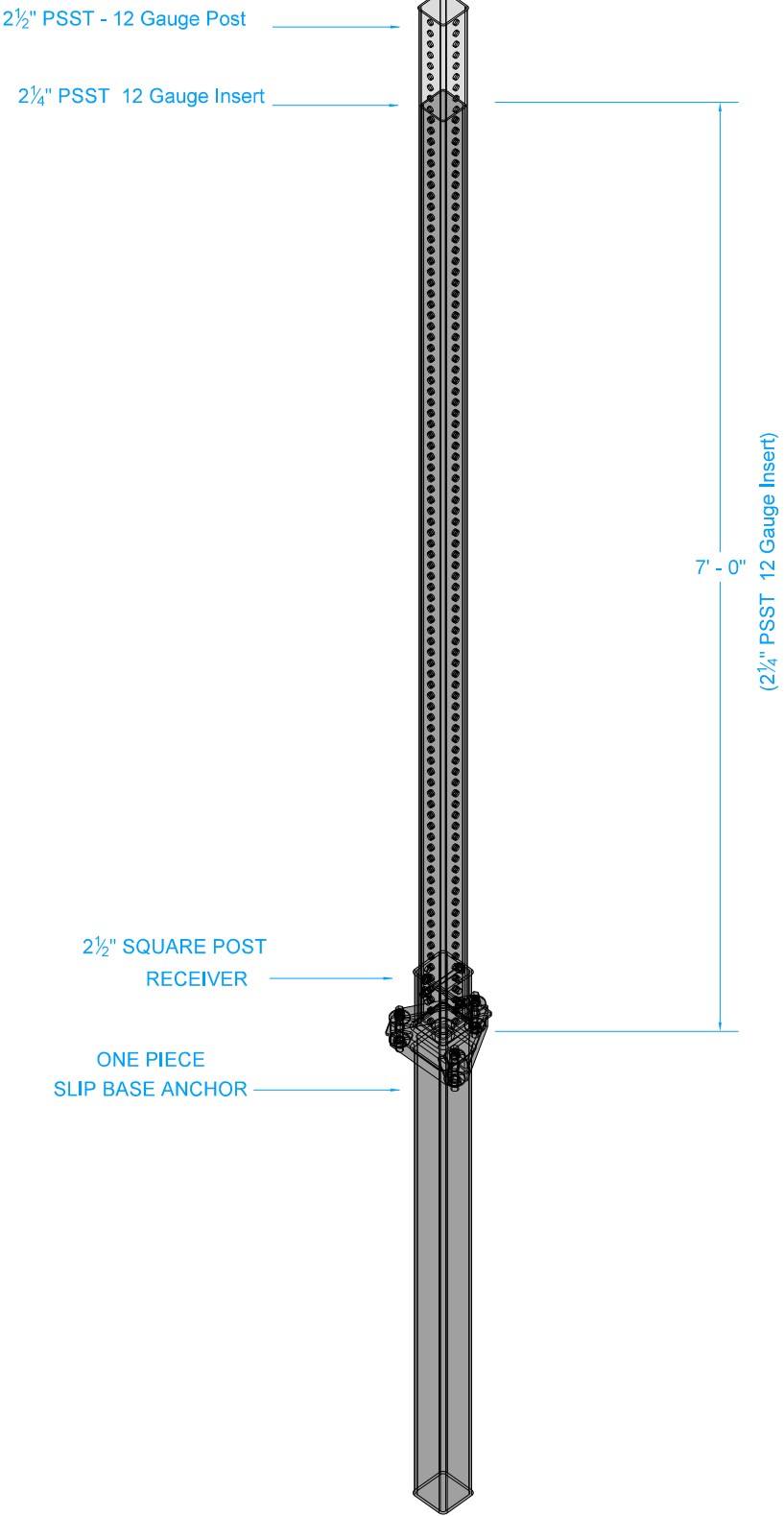
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	TAS STANDARD	
REVISION: __		
Support Structures - Perforated Square Steel Tube Anchor and Post		

PERFORATED STEEL SQUARE TUBE POST DETAILS

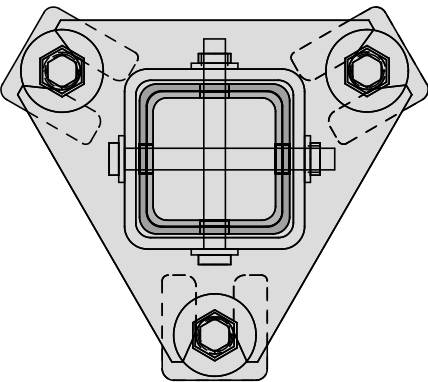
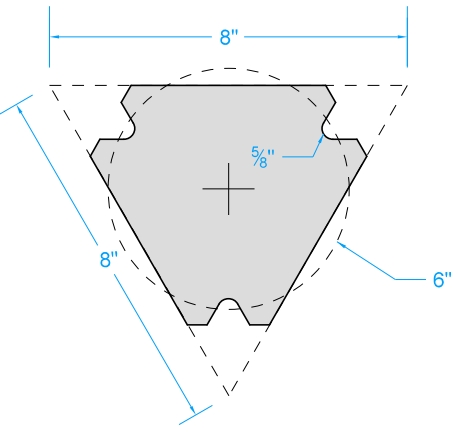


SOIL BEARING WING

SLIP BASE WITH NESTED PERFORATED SQUARE STEEL TUBE POST ^①



SLIP PLATE DIMENSIONS ^①

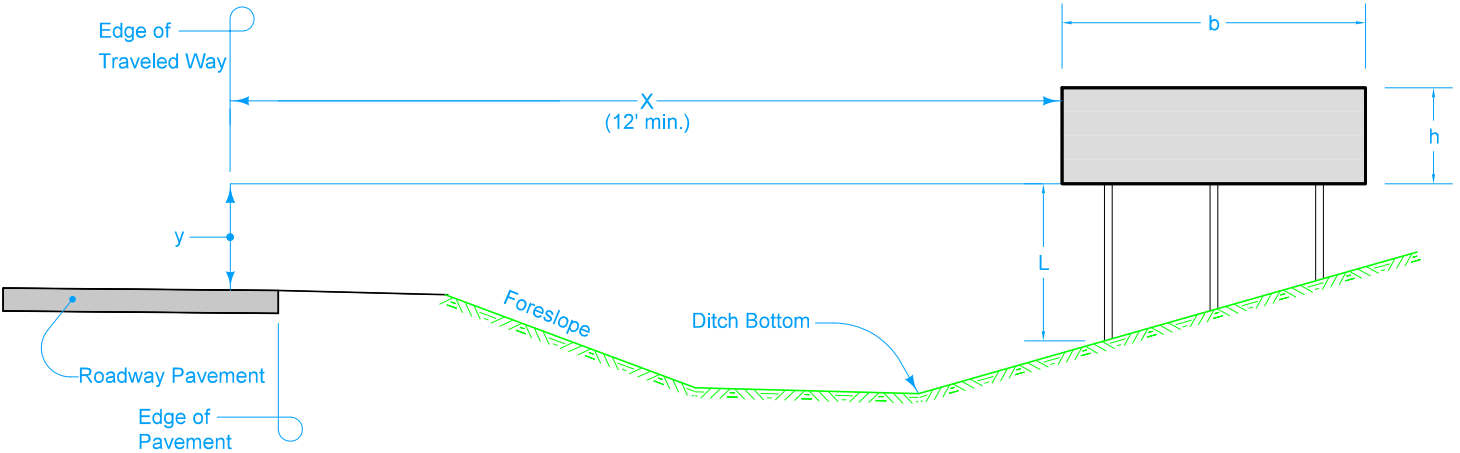


^① Type III/IV installation only

	REVISION			
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	TAS STANDARD			
REVISION: __				
Support Structures - Perforated Square Steel Tube Anchor and Post				

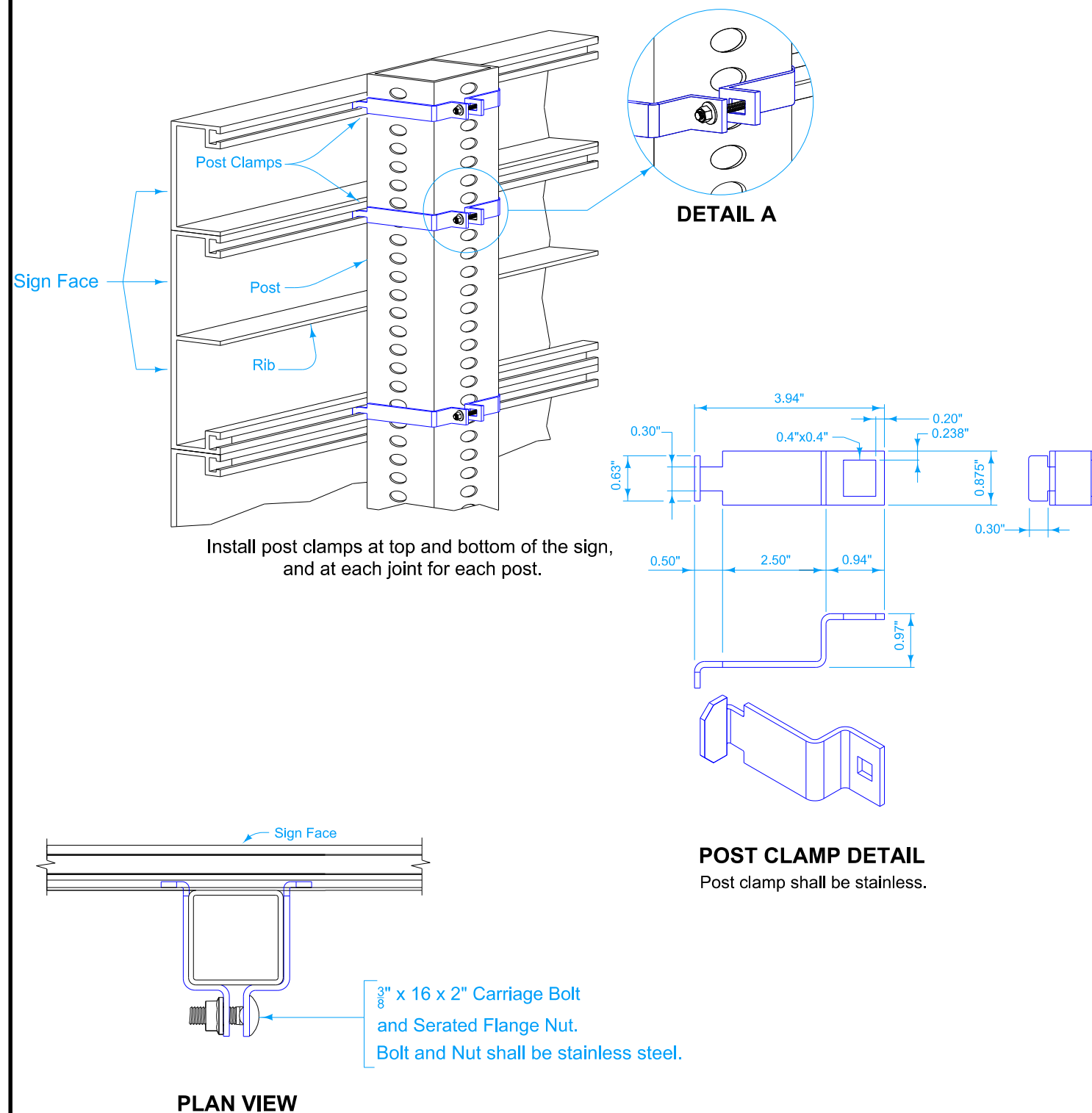
Note: The sign centroid is equivalent to $L + h/2$, (length of the longest post from the ground to the bottom of the sign plus the half the height of the sign.) and the Sign Area Yielding Design is the maximum area that the corresponding sign can have without failure. Sign Area is equivalent to $b \times h$.

POST LOADING FOR PERFORATED SQUARE STEEL TUBE POSTS ^{① ②}						
SIGN CENTROID (FT)	SIGN AREA (SQ-FT) YIELDING DESIGN					
	TYPE 1 TYPE 2	TYPE 3/TYPE 4 (SLIP BASE REQUIRED)				
	2 ½" x 12ga	2 ½" x 12ga		2 ¼" x 12ga inserted into a 2 ½" x 12 ga		
	1 Post	2 Post	3 Post	1 Post	2 Post	3 Post
16.5	10.44	20.88	31.32	18.78	37.56	56.34
16	10.76	21.52	32.28	19.36	38.72	58.08
15.5	11.11	22.22	33.33	19.99	39.98	59.97
15	11.48	22.96	34.44	20.65	41.3	61.95
14.5	11.87	23.74	35.61	21.36	42.72	64.08
14	12.3	24.6	36.9	22.13	44.26	66.39
13.5	12.75	25.5	38.25	22.95	45.9	68.85
13	13.24	26.48	39.72	23.83	47.66	71.49
12.5	13.77	27.54	41.71	24.78	49.56	74.34
12	14.35	28.7	43.05	25.82	51.64	77.46
11.5	14.97	29.94	44.91	26.94	53.88	80.82
11	15.65	31.3	46.95	28.16	56.32	84.48
10.5	16.4	32.8	49.2	29.5	59	88.5
10	17.22	34.44	51.66	30.98	61.96	92.94
9.5	18.12	36.24	54.36	32.61	65.22	97.83
9	19.13	38.26	57.39	34.42	68.84	103.26
8.5	20.26	40.52	60.78	36.45	72.9	109.35
8	21.52	43.04	64.56	38.72	77.44	116.16

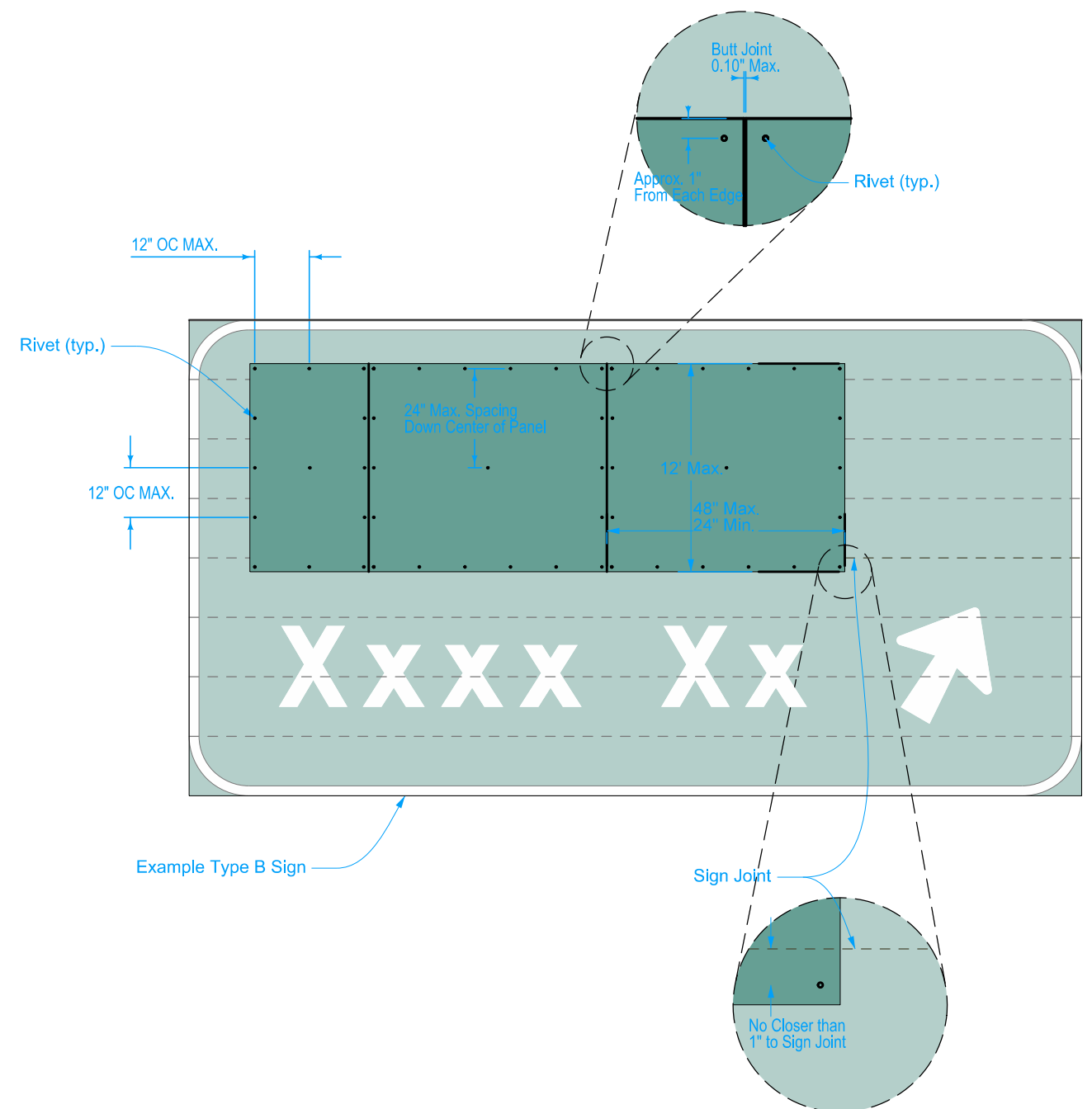


- ① Adapted from AASHTO Standard Specifications for - Highway Signs, Luminaires, and Traffic Signals. 6th Edition 2013. <Rev B 4/7/14>
- ② 90 MPH Wind Load

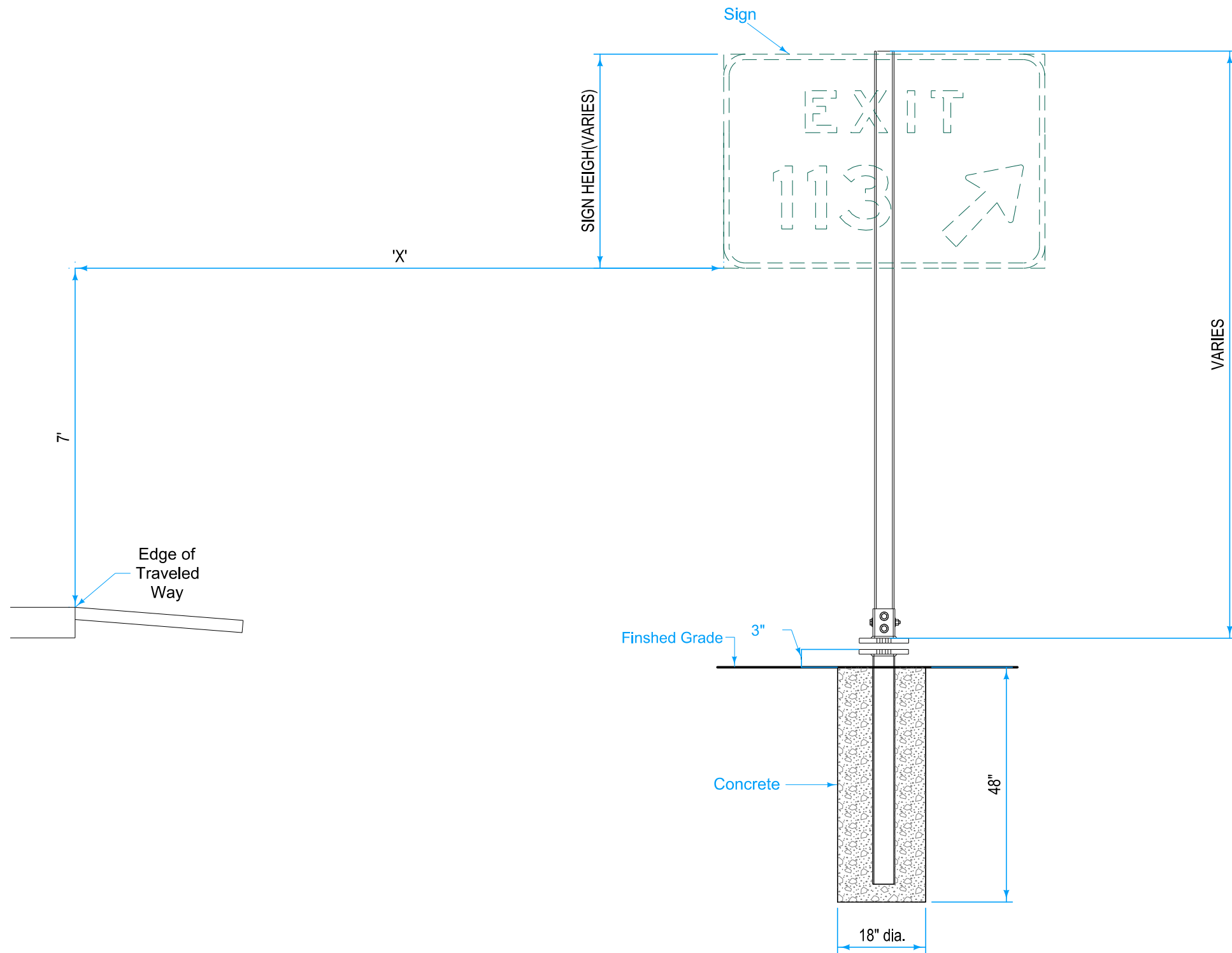
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	TAS STANDARD	
REVISION: __		
Support Structures - Perforated Square Steel Tube Anchor and Post		



**DETAILS OF
PERFORATED SQUARE STEEL TUBE POST
TYPE "B" SIGN ATTACHMENT**

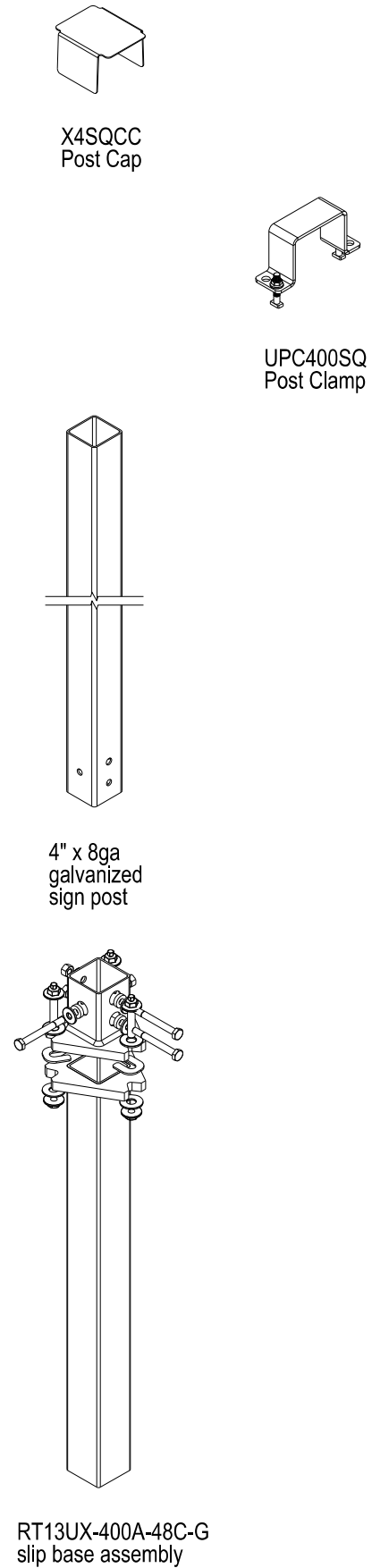


**TYPE B SIGN
OVERLAY DETAILS**

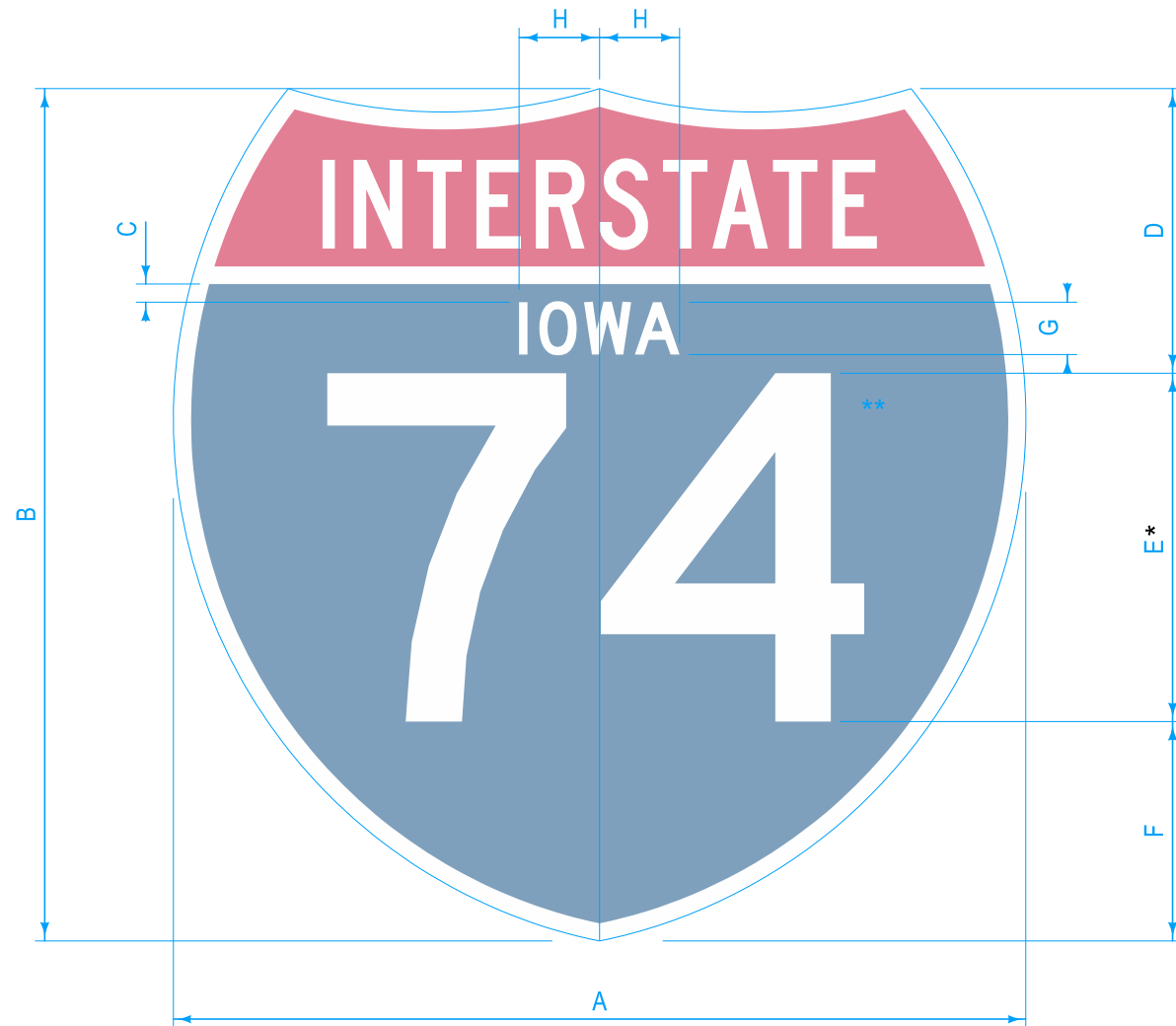


TYPICAL INSTALLATION

NOTE:
For sign installations, install 18" diameter by 48" depth concrete foundation.
Top of concrete foundation shall be flush with surrounding grade.
Top of slip base plate shall extend no higher than 3" above ground.



MASSH POST
DETAIL



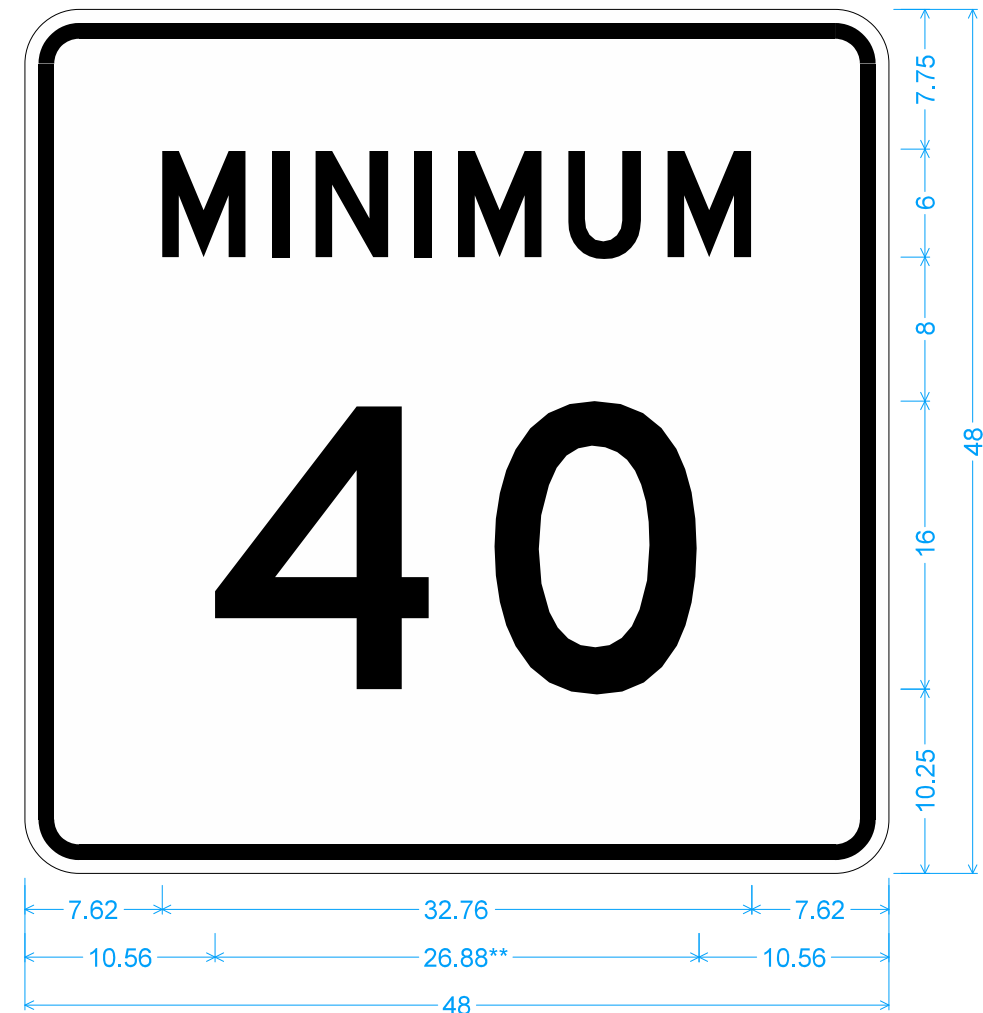
M1-1 (Iowa)
Stand Alone Route Shield
(Not for use on guide signs)

* Series 2000 Standard Alphabets.
** Optically space numerals about vertical centerline.

SIGN	A	B	C	D	E	F	G	H
1,2 digits	24	24	0.5	8	10 D	6	1.5 D	2.27
1, 2 digits	36	36	0.75	12	15 D	9	2.25 D	3.4
3 digits	30	24	0.5	8	10 C	6	1.5 D	2.27
3 digits	45	36	0.75	12	15 C	9	2.25 D	3.4

Refer to FHWA 'Standard Highway Signs, 2004 Edition' for additional sign layout and dimension information.

TYPE A SIGN DETAIL
M1-1 (IOWA)

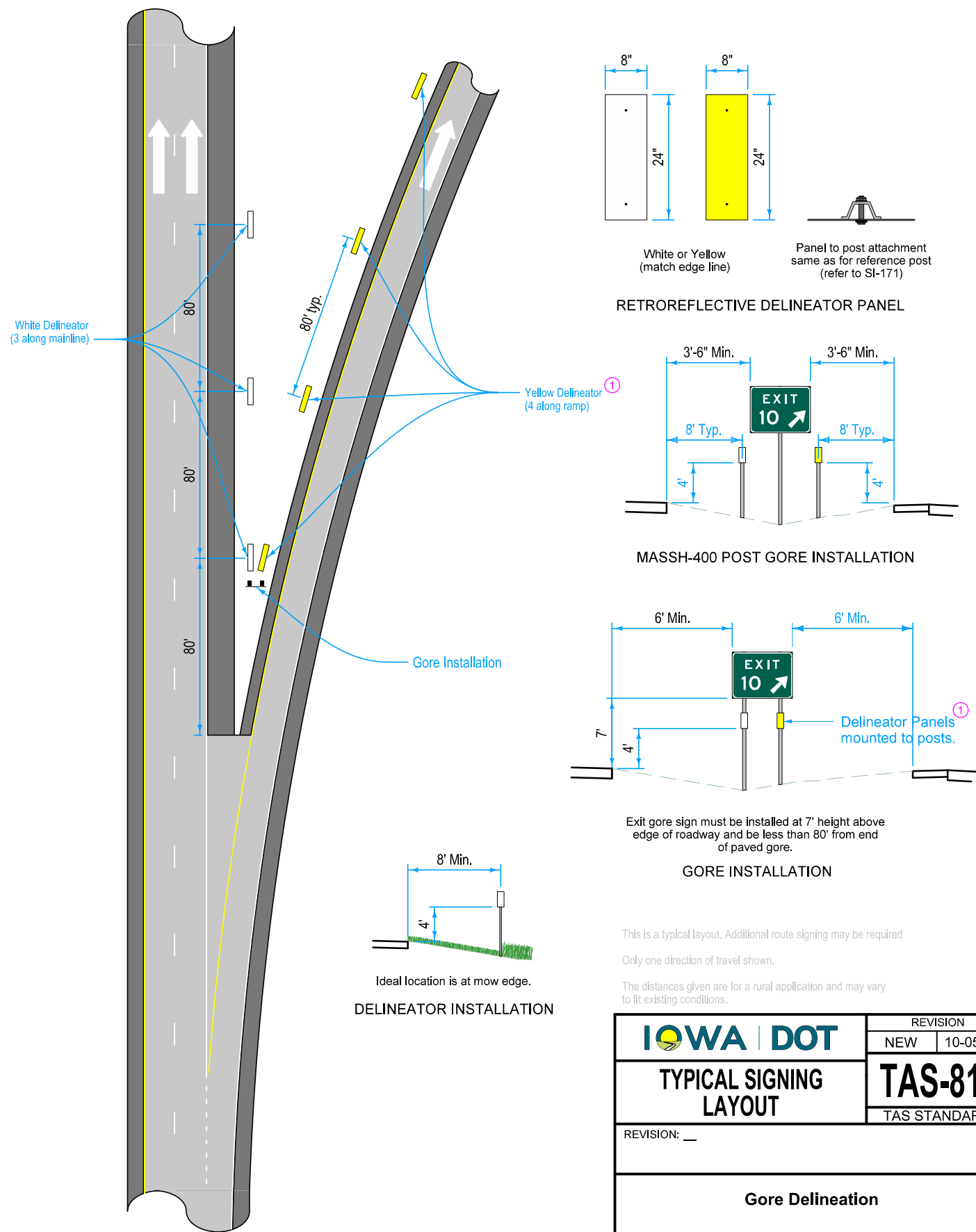


R2-4A;
3.000" Radius, 0.875" Border, 0.750" Indent, Black on White;
[MINIMUM] D 2K; [40] D 2K; *

R2-4 (Iowa)
Interstate/Freeway/Expressway use only.

* Series 2000 Standard Alphabets.
** Optically space numerals about vertical centerline.

TYPE A SIGN DETAIL
R2-4 (IOWA)



 IOWA DOT	REVISION	
	NEW	10-05-15
	TAS-811	
TYPICAL SIGNING LAYOUT	TAS STANDARD	
REVISION: ____		
Gore Delineation		

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Traffic Sign Items : Traffic Sign Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Traffic Sign Items	
1	2401-6745355	REMOVAL OF CONCRETE FOOTINGS OF HIGHWAY SIGNS	EACH	12	Refer to work request for location and details.
2	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	12	
3	2524-6765110	REMOVAL OF TYPE A SIGN	EACH	5	
4	2524-6765120	REMOVAL OF TYPE B SIGN	EACH	5	
5	2524-6765210	REMOVAL OF TYPE A SIGN ASSEMBLY	EACH	5	
6	2524-6765220	REMOVAL OF TYPE B SIGN ASSEMBLY	EACH	15	
7	2524-9081275	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 7'-6"	EACH	10	
8	2524-9081290	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 9'-0"	EACH	10	
9	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF	175	
10	2524-9276027	PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY	EACH	10	
11	2524-9281210	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 8 X 21	LF	150	
12	2524-9281426	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 12 X 26	LF	250	
13	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	50	
14	2524-9380001	TYPE B SIGNS, EXTRUDED ALUMINUM STRUCTURAL PANEL	SF	2,000	
15	2545-1000000	OVERLAY TYPE B GUIDE SIGNS	SF	50	
16	2599-9999005	('EACH' ITEM) DELINEATOR, GORE	EACH	25	This item is for gore delineators as detailed in Typical Signing Layout TAS-811. Refer to work request for location and details. Fabricate gore delineators with materials complying with Section 4186 of the Standard Specifications. Gore delineators shall be: - 8" wide by 24" tall. - White or yellow (to match edge lines). - Attach gore delineator to a Type I delineator posts. Post lengths are to be sufficient to ensure the proper installation height and provide a minimum of 2'-6" embedment. Ensure top of post does not extend above top of gore delineator panel. Measurement: Each gore delineator will be counted by the various types installed. Payment: The Contractor shall be paid the contract until price for each gore delineator furnished and installed complete. Payment is full compensation for furnishing, fabricating, and erecting the gore delineators including posts, fittings and attachments, and all labor necessary to complete the work.

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Traffic Sign Items	
17	2599-9999005	('EACH' ITEM) MASSH-400 SIGN POST	EACH	10	Item is for furnishing and installing MASSH-400 breakaway post system. Refer to sheet B.7 for installation details. Item includes: - (1) 13” slip base top kit - (1) 13” unibase 4”x48" (including concrete for complete 18"x48" footing) - (1) ¾” redi Torque kit - (7) universal post clamp (min. of 1 clamp per 10 sq. ft. of sign with a min. of at least 3 clamps) - (1) closure cap for 4” sq post - (1) sign post 4”x(varies)’ 8ga. - All hardware required to assemble the sign post system complete MASSH-400 posts shall be installed per the manufacturer's specifications. Measurement: The Engineer will count each MASSH-400 post furnished and installed. Payment: The Contractor shall be paid the contract until price for each MASSH-400 post furnished and installed complete.
18	2599-9999005	('EACH' ITEM) MOBILIZATION, ON-CALL	EACH	10	Refer to Special Provisions For On-call Contracting For Installation and Repair of Traffic Signs.
19	2599-9999005	('EACH' ITEM) TRAFFIC CONTROL	EACH	10	Refer to Special Provisions For On-call Contracting For Installation and Repair of Traffic Signs and to the J Sheets for allowable lane closures.

105_04 4/21/26 STANDARDS The following Standards apply to construction work on this project.		
Number	Date	Title
SI-101	04-19-16	Locations - Type 'A' Signs
SI-102	04-19-16	Locations - Type 'B' Signs
SI-112	04-19-16	Footings For Steel Breakaway Posts
SI-113	10-15-19	Support Structures - Steel Breakaway Posts
SI-114	04-19-16	Support Structures - Steel Breakaway Posts Rectangular Tube
SI-119	10-17-17	Support Structures - Mounting Brackets
SI-121	10-16-18	Fabrication - Sign Legend Components
SI-123	10-20-20	Fabrication - Type 'B' Signs
SI-131	10-18-16	Installation - Type 'A' Signs
SI-132	04-17-18	Installation - Type 'B' Signs
SI-171	04-18-17	Reference Location Sign Posts
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-202	04-18-23	Work Within 15 ft of Traveled Way
TC-211	10-15-19	Lane Closure on Low Volume Roadway
TC-212	04-18-23	Spot Location Lane Closure with Flaggers
TC-283	04-18-23	Surveying Operations
TC-402	04-18-23	Work Within 15 ft of Traveled Way
TC-416	10-15-19	Partial Lane Closure on Ramps
TC-417	04-21-20	Ramp Closure
TC-418	04-18-23	Lane Closure on Divided Highway
TC-419	04-18-23	Lane Closure on Undivided Highway
TC-420	10-16-18	Lane Closure at Ramps
TC-421	10-21-25	Lane Closure with TBR
TC-451	04-18-23	Temporary Road Closure on Divided Highway

259_01 10/15/25 SIGNING NOTES The following tolerances will be allowed on all signs: Accumulation error of not greater than +/-0.50" per line of copy, not greater than +/-0.50" for spacing between lines of copy, and the margin between lines of copy and the inside edge of the sign border. The following tolerances will be allowed on each letter or numeral: nominal height variation in height variation in width 4" thru 12" -1/8" to +3/8" -1/4" to +1/4" over 12" -1/8" to +3/8" -3/8" to +3/8" ----- Type B signs can be separated into two categories: - Major Guide Signs. - Minor Guide Signs. Major Guide Signs include the advance and exit direction guide signs for an interchange or intersection. Minor Guide Signs include all other guide signs such as NEXT EXIT signs, supplemental guide signs, logo signs, exit gore signs, post-interchange mileage signs, ramp destination signs, and ramp logo signs for an interchange, as well as destination signs along sideroads. Type A signs are not separated into categories, but special consideration should be given to regulatory signs. Do not remove Type B signs until replacement signs have been installed. If construction activities require the removal of a sign, the existing sign may be relocated to temporary posts, or a temporary plywood sign may be installed to replace the existing sign. Existing non-regulatory Type A signs are NOT required to remain in place until installation of replacement signs. Existing regulatory Type A signs, particularly Stop signs, should not be removed until replacement signs are installed. Where a staged traffic control plan is contrary to this guidance, follow the direction of the traffic control plan. Apply the following during the replacement or modification of signs: - No more than one of the major guide signs for each direction of travel at an interchange out of service at any one time. - No major guide sign out of service for more than 8 hours. - No minor guide out of service for more than 24 hours. Remove existing signs and posts within 24 hours following the installation of a new replacement sign. In any case where the plans call for a new sign and			259_01 10/15/25 SIGNING NOTES posts to be installed at the same station location and offset as an existing sign, install the new posts at a minimum of either 5 ft ahead or behind the existing sign installation. Signs shall not be installed more than 25 ft ahead or behind the existing sign installation. Whenever posts for a replacement sign are erected directly in front of an existing sign, install the new replacement sign and remove the existing sign installation within 24 hours of the time that the new posts are erected. Where signs are located behind guardrail, locate the near edge of the sign a minimum of 3 ft behind the guardrail posts. Unless noted otherwise, leave auxiliary panels, such as exit number panels, in place or reattach to the sign using the existing mounting hardware. Also, when replacing an existing logo sign with a new logo sign, remove the business logo panel(s) from the existing sign and attach to the new sign as directed by the Engineer. Do not damage the auxiliary or logo panels when removing and reattaching them. This work is incidental to other work and no separate payment will be made. The following notes apply to the corresponding sign installations shown on the plan sheets and listed in the tabulations. IB INSTALL NEW TYPE B SIGN IA INSTALL NEW TYPE A SIGN Install new signs at the location identified in the plans. For installation of new signs on an existing sign support structure, refer to note (L). For installation of new signs on existing posts: - if the new sign is taller than the existing sign, furnish the necessary hardware to extend the sign above the posts. Refer to Standard Road Plan SI-132. - if the new sign is shorter than the existing sign: - for wood posts and perforated square tube posts, install the sign at the proper height and cut off the excess post length. - for MASSH-400 and steel breakaway posts, install the sign at the top of the posts. For plywood signs, no vertical splices are allowed in signs less than or equal to 10 ft wide. No horizontal splices are allowed in signs less than or equal to 4 ft tall. Each new sign installed shall have a sticker applied to the back of the sign that shows the date the sign was installed. The Contractor shall supply the sticker for all contractor supplied signs. The DOT will supply date			259_01 10/15/25 SIGNING NOTES stickers on any signs supplied by the department. Payment for installing Type A signs or Type B signs includes furnishing hardware for mounting, extending signs above existing posts, and cutting posts to length. MS MODIFICATION OF EXISTING SIGNS For removal and/or installation of logo panels, and other sign modifications. Refer to the project plans and typical details for additional information. SC SIGN COVER For the installation or removal of temporary sign covers for the purposes of temporary traffic control. Sign covers shall completely cover the existing Sign. Care should be taken so that covers, fasteners, and installation practices do not damage the existing sign. Tape of any type shall not be applied to the sheeted face of the existing sign under any circumstances. Repair of damage to the existing sign caused by sign covers will be the responsibility of the Contractor. SO OVERLAY TYPE B GUIDE SIGNS MB INSTALL SPECIAL MOUNTING BRACKET Install special mounting brackets at the locations identified in the plans. Refer to Tabulations 190-51 and/or 190-65. PB INSTALL NEW BREAKAWAY STEEL POSTS AND FOOTING PP INSTALL NEW PERFORATED SQUARE TUBE POSTS AND ANCHORS PM INSTALL NEW MASSH-400 POSTS AND ANCHORS Install new breakaway steel posts and footings, perforated square tube posts and anchors, or MASSH-400 posts and anchors at the locations identified in the plans. Refer to the Standard Road Plans, Typicals, and Tabulations 190-51 and 190-50 for post size and footing information. New posts shall be installed in undisturbed soil. The new posts shall not be placed in the hole of removed posts. Remove excess soil from footing hole. Do not spread soil on adjacent seeded or vegetated areas. If note (RR) accompanies (PB), (PP), or (PM), install an existing sign on the new posts. RR REMOVE AND REINSTALL SIGN AS PER PLAN Do not remove existing major Type B guide signs on posts until the new posts are installed. Promptly remove sign and install at the new location. Existing major Type B guide signs on overhead support			259_01 10/15/25 SIGNING NOTES structures, minor Type B guide signs, plywood signs, and Type A signs may be removed and stored. Transport the signs to a DOT storage area as designated by the Engineer. Transport the signs back to the job site when ready for installation at the new location. Signs to be reinstalled shall not be stored for any length of time with the sheeted face in contact with the ground. Replace signs damaged by the Contractor's activities at no additional cost to the Contracting Authority. Payment for Remove and Reinstall Sign includes sign removal, delivery to and from the DOT storage area (if applicable), and reinstallation, including any hardware required for reinstallation. When noted in the plans, payment for delivery and stockpile of existing signs will be separate from the payment for Remove and Reinstall Sign. RA REMOVAL OF TYPE A SIGN ASSEMBLY RB REMOVAL OF TYPE B SIGN ASSEMBLY Type A Sign Assembly consists of one or more signs installed on one or more posts, either directly mounted to the post or mounted to the post with special sign mounting brackets. Type B Sign Assembly consists of the main sign, all auxiliary signs and brackets, and posts. Unless stated otherwise in the plans, remove all posts with the signs and brackets. Remove each sign assembly identified in the plans. Sign posts removed become the property of the Contractor. All other materials removed remain the property of the DOT. For each sign assembly removed, disassemble each assembly before delivering to the DOT. * For Type A sign assemblies, unbolt all signs, special mounting brackets, and posts from each other. * For Type B assemblies, unbolt all extruded aluminum panels, brackets, and posts from each other. Do not damage the disassembled materials. When the plans call for the removal of posts, the entire existing post shall be removed. The post shall not be broken off or cut off at the ground line. Place backfill in holes remaining from the removal of posts and restore to the surrounding conditions. Deliver the removed signs, special sign mounting brackets, and extruded aluminum panels to a DOT storage area, as designated by the Engineer.		
FILE NO.	ENGLISH	DESIGN TEAM	Fobian	STATEWIDE	COUNTY	PROJECT NUMBER	NHSN-000-T(492)- -2R-00	SHEET NUMBER	C.4		

259_01 10/15/25 SIGNING NOTES				259_01 10/15/25 SIGNING NOTES				
The concrete footings for steel posts are not considered part of the sign assembly. Refer to note RF for concrete footing removal. Payment for Removal of Type A Sign Assembly or Removal of Type B Sign Assembly includes sign assembly removal and disassembly, post removal (if applicable), delivery to the DOT storage area, placing backfill in holes, and restoration of the surrounding conditions. RF REMOVE EXISTING CONCRETE FOOTING FOR STEEL POST Remove existing concrete footings to a depth of at least 1 ft below the natural groundline. Place backfill in holes remaining from removal and restore to the normal surrounding conditions. This work is incidental to other work and no separate payment will be made. RS REMOVE EXISTING TYPE B SIGN SUPPORT STRUCTURE The following are considered Type B Sign Support Structures: - Overhead sign trusses and foundations - Cantilever sign trusses and foundations - Bridge-mounted brackets Unless stated otherwise in the plans, existing overhead trusses, cantilever trusses, and bridge brackets which are removed become the property of the Contractor. If stated in the plans, deliver overhead trusses, cantilever trusses, and bridge brackets to a DOT storage area, as designated by the Engineer. Payment for Removal of Sign Support Structure and Foundation includes sign support structure removal, delivery to the DOT storage area (if applicable), and restoration of the surrounding conditions. Removal of the foundation includes removal of the stem to a minimum of 1 ft below the natural groundline. L MODIFY SIGN SUPPORT ANGLES NEEDED TO INSTALL SIGNS ON EXISTING SIGN SUPPORT STRUCTURES Refer to the sign support structure details for information on the required angle brackets. Provided all specifications are met, the existing sign support angles may be reused. Install existing sign support angles to be reused only on the sign support structure from which they were removed. Sign support angles removed and not reused become the property of the Contractor. When reusing the existing sign support angles with a shorter replacement sign, the sign support angles may				need to be trimmed. Refer to the sign support details to determine if and where to trim the sign support angles. Do not use existing fasteners. Use new U-Bolts, stainless steel bolts and nuts to install the existing or new sign support angles to the sign support structure. Removal of existing sign support angles is incidental to removal of the sign. Reinstalling and/or modifying existing sign support angles; furnishing and installing new sign support angles (if required); and furnishing and installing new fasteners is incidental to work associated with Type B signs. SIGN INSTALLATION QUALITY CONTROL NOTES Post lengths have been derived from the proposed grading cross sections. Verify post lengths in the field prior to ordering or fabrication. Slight differences between the design template and the actual conditions should be expected. These variations should be resolved by doing some localized shaping and grading. Obtain material needed to meet the site requirements of SI-112 from the excavation and/or the area immediately adjacent to the work. Ensure reshaping work does not substantially change foreslopes or the drainage in the vicinity of the sign. Significant differences between the plan design and the actual field conditions shall be resolved in this manner: Survey the location and draw the actual template on the cross section. Recalculate each post length and compare to the maximum allowable leg length. If all of the maximum leg lengths are less than or equal to the maximum allowable leg length, then the proposed post design will be sufficient. If any leg is greater than the maximum allowable leg length, then submit the cross section with the actual template drawn (including offsets and elevation from the survey shown) to the Engineer. The Engineer may forward this information to the Engineer of Record in order to complete a new post design. Install the footings, stub posts, and posts according to the tolerances shown on the applicable SI Series Standard Road Plans. Footing construction is the controlling activity that substantially affects the quality of the site installation. Verify the elevation difference between the stubs is exactly the same as the elevation difference between the post lengths. If the Engineer requests, submit documentation detailing the site cross section in order to verify site installation.				
FILE NO.	ENGLISH	DESIGN TEAM	Fobian	STATEWIDE COUNTY	PROJECT NUMBER	NHSN-000-T(492) - -2R-00	SHEET NUMBER	C.5

108_23A
8/15/22

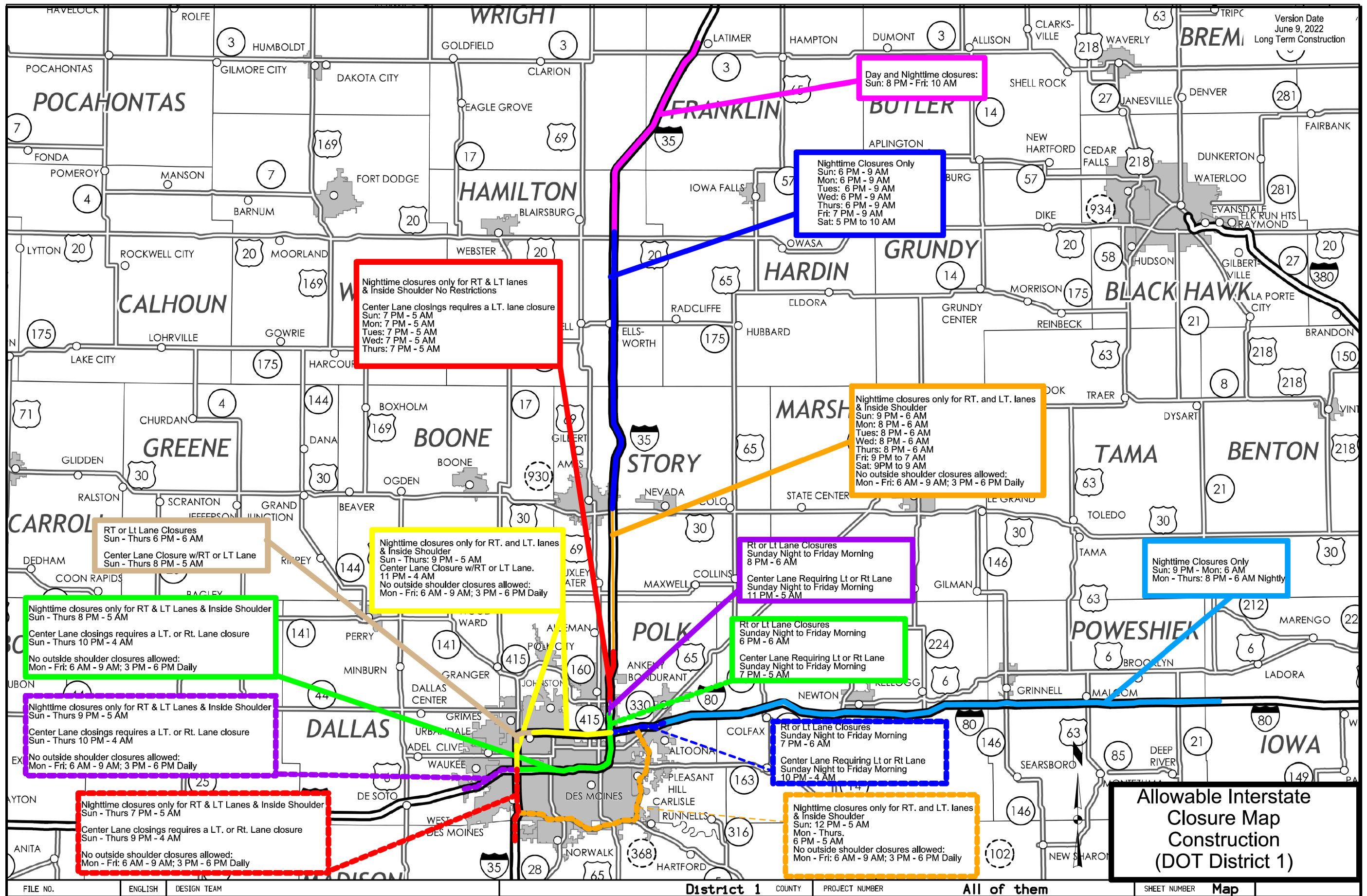
TRAFFIC CONTROL PLAN

Traffic Shall be maintained at all times except as noted.

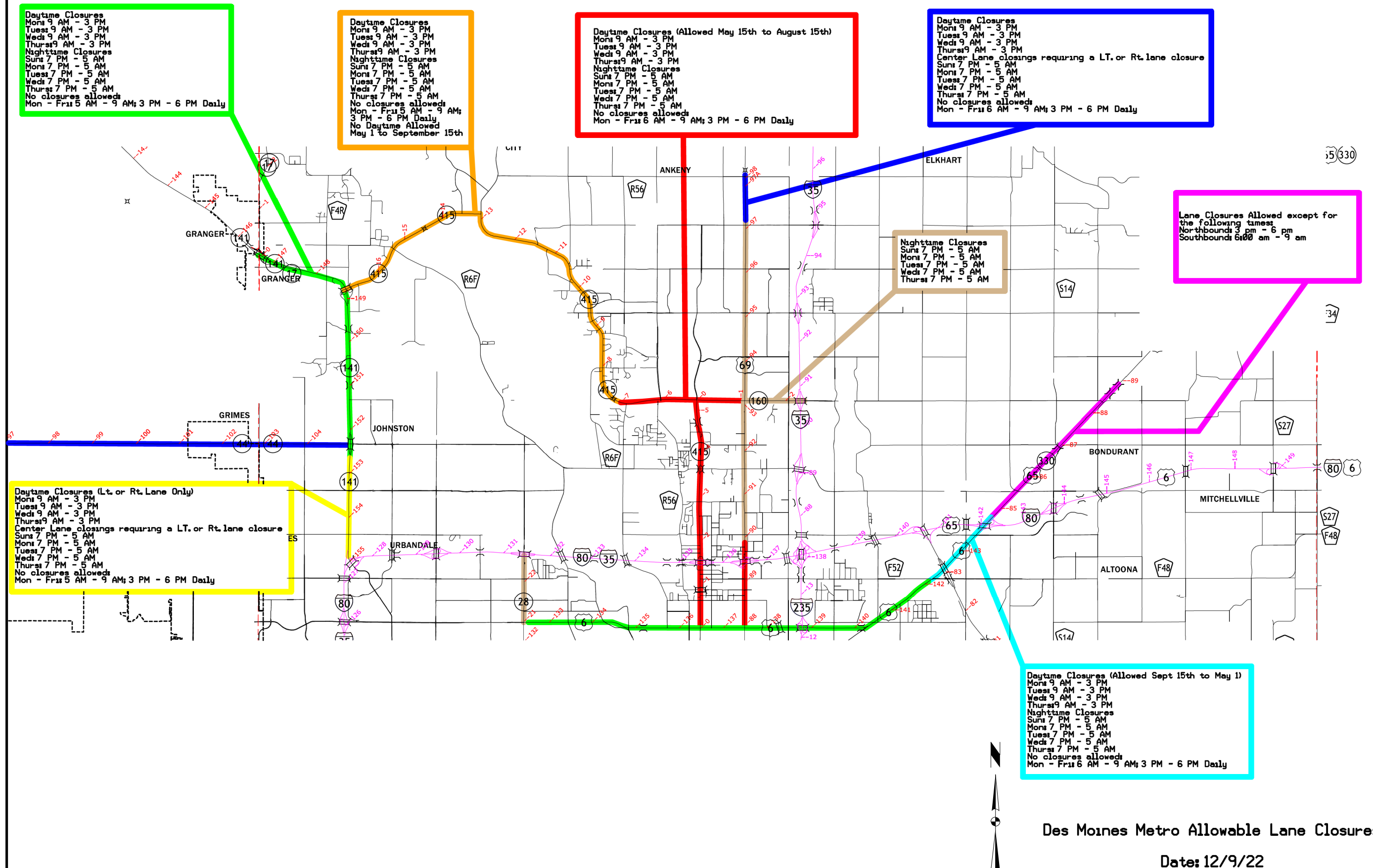
Traffic control on this project shall be in accordance with the Standard Road Plans included in Tabulation 105-4. For additional information, refer to Part 6 of the Manual on Uniform Traffic Control Devices and the Standard Specifications. The contractor shall coordinate traffic control with other projects in the area as needed.

No traffic control devices shall be placed before any of the time restrictions.

All lane and/or shoulder closures shall be coordinated with District Staff or as approved by the Engineer. For lane closure information refer to the Allowable Multi-lane Lane Closure Maps on Sheets J.2 - J.6.



FILE NO.	ENGLISH	DESIGN TEAM	District 1	COUNTY	PROJECT NUMBER	All of them	SHEET NUMBER	Map
1:08:37 PM	6/15/2022	gkret12	W:\Highway\District1\Design\Staff Engineers\Potential Projects\District 1 Allowable Closures\Closures.B01.dgn					

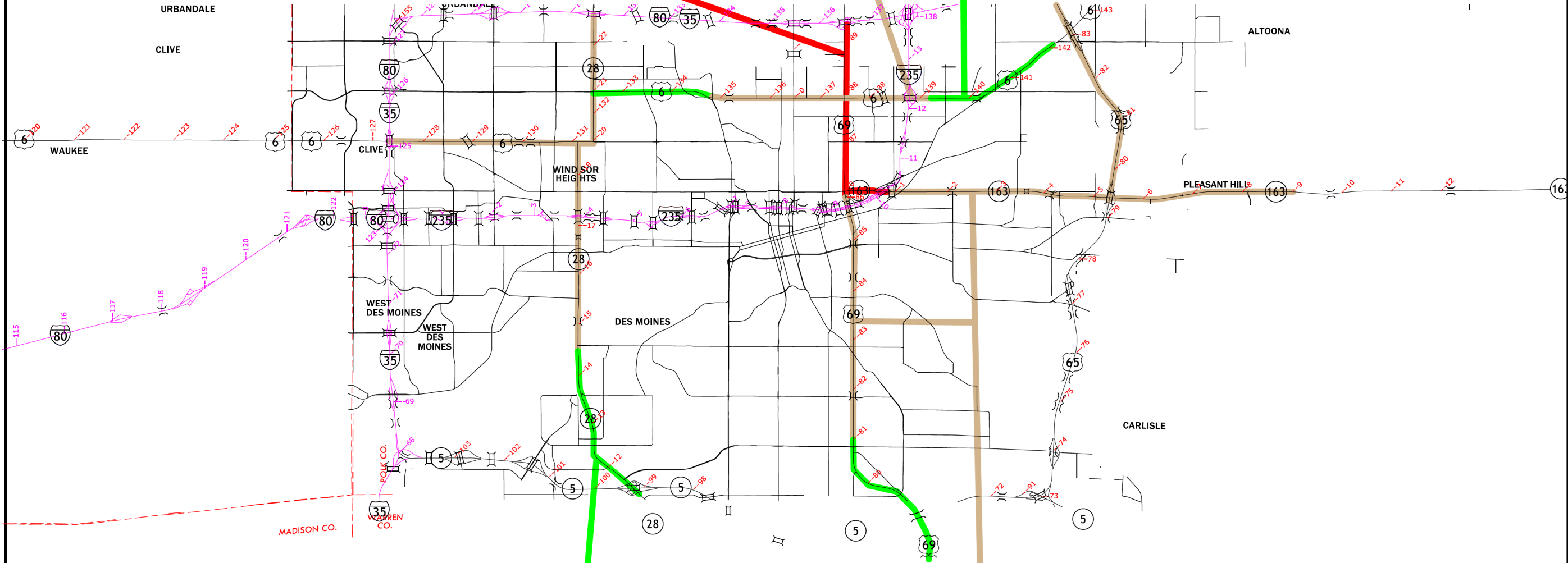


FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER
7:53:57 AM 12/9/2022 gkret12		W:\Highway\District1\Design\Staff Engineers\Potential Projects\District 1 Allowable Closures\01d\MetroAllowableClosures.dgn			

Daytime Closures (Allowed May 15th to August 15th)
Mon: 9 AM - 3 PM
Tues: 9 AM - 3 PM
Wed: 9 AM - 3 PM
Thurs: 9 AM - 3 PM
Nighttime Closures
Sun: 7 PM - 5 AM
Mon: 7 PM - 5 AM
Tues: 7 PM - 5 AM
Wed: 7 PM - 5 AM
Thurs: 7 PM - 5 AM
No closures allowed
Mon - Fri: 6 AM - 9 AM; 3 PM - 6 PM Daily

Nighttime Closures
Sun: 7 PM - 5 AM
Mon: 7 PM - 5 AM
Tues: 7 PM - 5 AM
Wed: 7 PM - 5 AM
Thurs: 7 PM - 5 AM

Daytime Closures
Mon: 9 AM - 3 PM
Tues: 9 AM - 3 PM
Wed: 9 AM - 3 PM
Thurs: 9 AM - 3 PM
Nighttime Closures
Sun: 7 PM - 5 AM
Mon: 7 PM - 5 AM
Tues: 7 PM - 5 AM
Wed: 7 PM - 5 AM
Thurs: 7 PM - 5 AM
No closures allowed
Mon - Fri: 5 AM - 9 AM; 3 PM - 6 PM Daily



Daytime Closures
Mon: 9 AM - 3 PM
Tues: 9 AM - 3 PM
Wed: 9 AM - 3 PM
Thurs: 9 AM - 3 PM
Nighttime Closures
Sun: 7 PM - 5 AM
Mon: 7 PM - 5 AM
Tues: 7 PM - 5 AM
Wed: 7 PM - 5 AM
Thurs: 7 PM - 5 AM
No closures allowed
Mon - Fri: 5 AM - 9 AM; 3 PM - 6 PM Daily

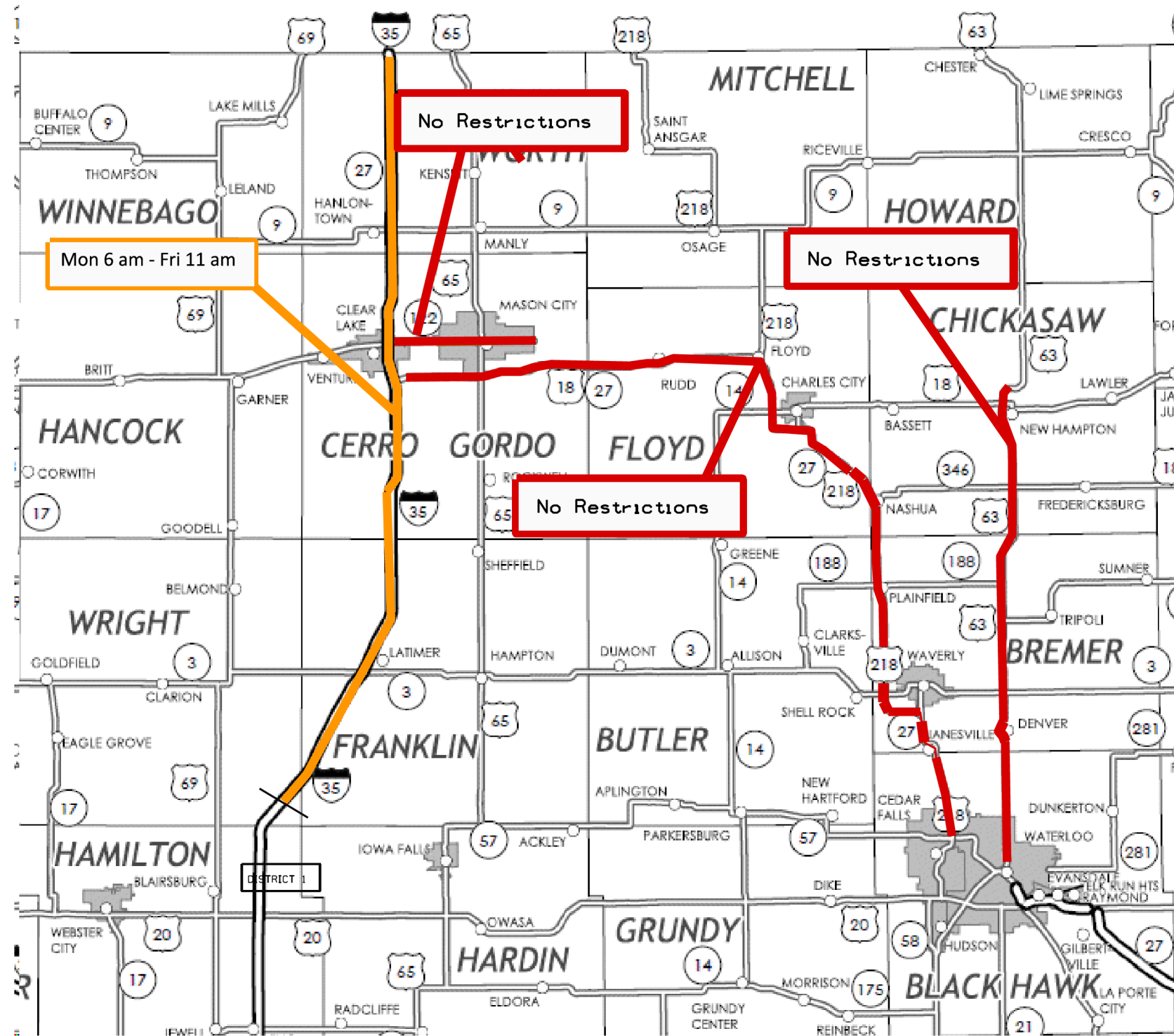
Nighttime Closures
Sun: 7 PM - 5 AM
Mon: 7 PM - 5 AM
Tues: 7 PM - 5 AM
Wed: 7 PM - 5 AM
Thurs: 7 PM - 5 AM



Des Moines Metro Allowable Lane Closures
Date: 12/9/22

FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER
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7:53:59 AM 12/9/2022 gkret12 W:\Highway\District1\Design\Staff Engineers\Potential Projects\District 1 Allowable Closures\01d\MetroAllowableClosures.dgn



CONSTRUCTION and MAINTENANCE
ALLOWABLE MULTI - LANE
LANE CLOSURE MAP
DISTRICT 2

