

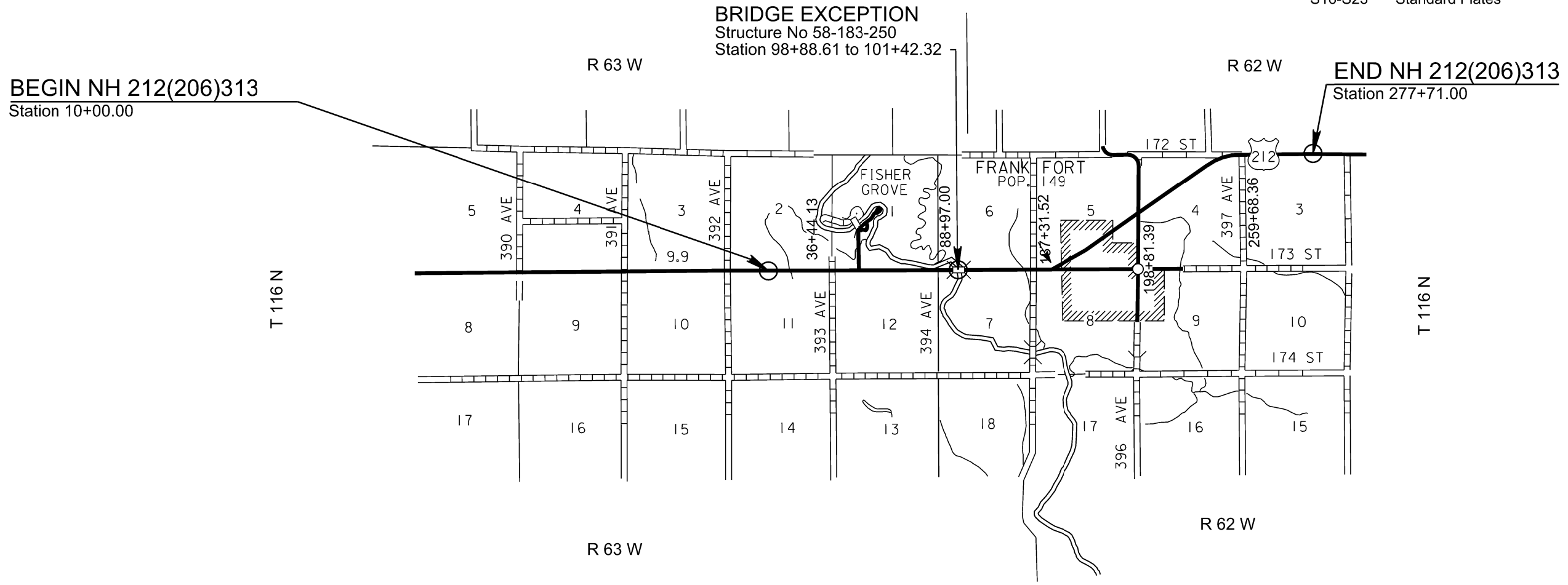
SECTION S: PERMANENT SIGNING PLANS

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0212(206)313	S1	S23
Plotting Date:		11/04/2024	



INDEX OF SHEETS

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Plot Scale - 1:200

Plotted From - TRAB17879B

Plot Name - 1

File - ...ISprk0809\Section S\TitleS.dgn

SECTION S – ESTIMATE OF QUANTITIES – PCN 0808

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E0130	Remove Traffic Sign	37	Each
110E0135	Remove Delineator	120	Each
110E7150	Remove Sign for Reset	7	Each
632E1320	2.0"x2.0" Perforated Tube Post	752.8	Ft
632E2204	4"x4" White Delineator Reflector	101	Each
632E2220	Guardrail Delineator	16	Each
632E2510	Type 2 Object Marker Back to Back	82	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	246.7	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	191.5	SqFt
632E3500	Reset Sign	7	Each

GENERAL PERMANENT SIGNING

New sign installations will be staked in the field by the Contractor and checked by the Engineer. The Contractor will give the Engineer a minimum of one week to check staked locations prior to signpost installation. Lateral offset of signs will be as shown in the plans or as directed by the Engineer.

The Contractor will be responsible for contacting South Dakota One Call to locate the utilities at the staked sign installation locations.

When signs are mounted in an assembly, they will be 1-2 inches apart vertically and horizontally.

The height of the post must not exceed the minimum height needed by more than 0.5 feet. Any portion that extends above the sign will be cut off. No separate payment will be made for cutting the post or for that length cut off.

Aluminum U-Channel stiffeners will be used on all signs 36 inches or greater in width and will conform to ASTM B221 Alloy 6063-T6 or 6061-T6. The U-Channel will be 2 inches in width and free of holes. The U-Channel stiffeners will also be used to connect various signs together so that an entire sign assembly can be erected on a single installation. Stiffeners may be fastened to signs by use of 1/4-inch diameter drive rivets.

The Contractor will use 3/8-inch diameter rust proof machine sign bolts, flat metal washers, neoprene washers (against the sign sheeting), lock washers, and nuts to fasten the sign to the channel aluminum and posts. A minimum of two bolts will extend through each post.

Prior to ordering signs, the Contractor will verify dimensions, background, border, and legend of the signs.

Prior to use, the Contractor will provide documentation for the sign support devices showing they meet the applicable NCHRP 350 or MASH requirements.

REMOVE TRAFFIC SIGN

Existing signs that are shown as being removed in the Permanent Signing Table will become the property of the Contractor. Existing signposts and bases will be removed in their entirety. All existing signs, posts, and/or hardware removed will not be reused. Holes remaining from the removal of wood posts will be backfilled and compacted with material placed in layers not to exceed 6 inches in depth.

All costs associated with the removal of existing signs, posts, hardware, and backfilled holes will be incidental to the contract unit price per each for "Remove Traffic Sign". Quantities will be per assembly at the contract unit price per each.

NEW PERMANENT SIGNING

All signs will be manufactured in accordance with the sheeting manufacturer's recommendations utilizing a matched component system, including inks, electronic cuttable films, and protective overlay films.

All Flat Aluminum Signs, Nonremovable Copy High Intensity will have sheeting in conformance with the requirements of ASTM D4956 Type IV. All Flat Aluminum Signs, Nonremovable Copy Super/Very High Intensity will have sheeting in conformance with the requirements of ASTM D4956 Type XI.

All costs associated with furnishing and installing the new permanent signs, and with furnishing and installing stiffeners and hardware will be incidental to the contract unit price per square foot for "Flat Aluminum Sign, Nonremovable Copy High Intensity" or "Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity".

REMOVE SIGN FOR RESET AND RESET SIGN

Signs that are scheduled for reset will be dismantled and reassembled to the extent needed by the Contractor to properly reset the sign. Signs will be handled with care so that the existing signs, posts, and bases are not damaged during the relocation process. The Contractor will replace and pay for any reset signs damaged in their care. The Contractor will remove and dispose of any existing posts for all reset signs that require use of new posts as shown in the Table of Permanent Signing.

All costs for removing, dismantling, and disposing of any existing posts will be incidental to the contract unit price per each for "Remove Sign for Reset". All costs for resetting the existing signs will be incidental to the contract unit price per each for "Reset Sign". All quantities for Remove Sign for Reset and Reset Sign will be per assembly at the contract unit price per each.

Any 911 Emergency Number signs within the project work limits will not be stockpiled but temporarily repositioned at a location outside the work limits but within the immediate proximity of the existing location. To complete the project sign work, the 911 Emergency Number signs will be permanently installed at their original locations, or as near as practicable where entrances have been reconfigured by the project. The existing supports will be reused. Cost for removing, temporarily repositioning, and permanently resetting 911 Emergency Number signs will be included in the contract unit price per each for "Remove Sign for Reset" and "Reset Sign".

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(206)313	S2	S23

DIGITALLY PRINTED SIGNS

Digitally printed signs will be allowed on this project. If the Contractor elects to provide digitally printed signs, such signs will adhere to the following specifications.

PROTECTIVE OVERLAY FILM

Permanent traffic signs printed with digital ink systems will be fabricated with a full sign protective overlay film designed to provide a smooth surface needed for retroreflectivity, and to protect the sign from fading and UV degradation. The overlamine will comply with the retroreflective sheeting manufacturer's recommendations to ensure proper adhesion and transparency and will also meet the reflective film durability as identified in Table 1.

Table 1: Retroreflective Film Minimum Durability Requirements

ASTM D4956 Type	Full Sign Replacement Term (years)	Sheeting Replacement Term (years)
I	0	7
III	7	10
IV	7	10
VIII	7	10
IX	7	12
XI	7	12

FABRICATION

Retroreflective sheeting will be applied to a properly cleaned and prepared aluminum sign blank in accordance with the retroreflective sheeting manufacturer's recommendations. Sign legend will be applied using digital print technologies and systems in accordance with the retroreflective sheeting manufacturer's recommendations and the requirements of these plans.

Finished signs will be free of ragged edges and must be supplied clean and free of scratches, grease, oil, lubricants or other contaminants. Minor blemishes (dirt speck, dust, etc.) may settle on the fresh ink surface or become entrapped between the sheeting surface and transparent overlay film due to static charge within the sign shop environment. Any blemish must be minor and not interfere with the communication of the sign message to the motorist. The blemish must not be visible to the naked eye when viewed from 30 feet or greater.

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0212(206)313	S3	S23

DIGITALLY PRINTED SIGNS (CONTINUED)

After application of the retroreflective sheeting, sign blanks will be stacked and packaged face to face, back to back, and protected in accordance with the sheeting manufacturer's recommendations. Finished signs will be securely packaged to prevent damage during transit or storage according to the sheeting manufacturer's recommendations.

TRAFFIC SIGN PERFORMANCE WARRANTY PROVISIONS

Based on the ASTM Type of sheeting specified, traffic control signs will be warranted for the duration shown in Table 1. Full product terms and conditions are as established by each sheeting manufacturer and may contain certain limitations based on sheeting and ink colors, and geographic exposure of the sign. A copy of the warranty document with complete details of terms and conditions will be supplied if requested by the Engineer.

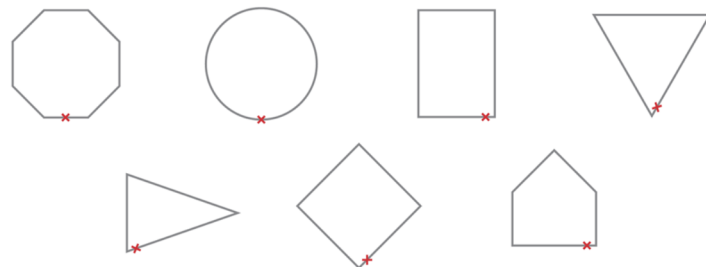
CERTIFIED DIGITAL SIGN FABRICATOR

Sign fabricators using digital imaging methods to produce regulated traffic signs must be certified by the reflective sheeting manufacturer whose materials are used to produce the delivered signs.

DATE TAGGING SIGNS WITH PERTINENT INFORMATION

All digitally printed signs are required to be date-tagged with the following 2 components:

1. Date tags on the back of signs
Tags will have the following information and be fabricated with material and printing system that are as durable as the warranted sign.
 - Name of Sign Fabricator
 - Date the sign was fabricated (month and year)
 - Process that was used for sign fabrication (digitally printed)
 - Supplier of sheeting that was used for fabricating the sign.
2. Border date
The month and year (mm/yyyy) of sign fabrication will be printed in the border of the sign in 3/8" sans serif font. Border date will be printed with the same warranted printed system as the sign face. The date should be printed in the locations indicated below.



SQUARE TUBE ANCHOR SLEEVE

The Contractor will furnish and install new 2.5" x 2.5" x 18", 12 Gauge square tube anchor sleeve or equivalent components as approved by the Engineer for 2.0" x 2.0" perforated tube posts. A 2.25" x 2.25" x 4', 12 Gauge perforated tube post will be used as the anchor post for installation with the square tube anchor sleeve.

MILEAGE REFERENCE MARKERS

SDDOT will be notified to do Mileage Reference Markers (MRMs) locates prior to project completion by calling the Aberdeen Region Traffic Engineer at (605)626-7879. Payment for this work will be incidental to the various signing contract items.

NO PASSING ZONE SIGNS

SDDOT will be notified to do NO PASSING ZONE sign locates prior to project completion by calling the Aberdeen Region Traffic at (605)626-7879. Payment for this work will be incidental to the various signing contract items.

DELINEATION

Delineation installation and spacing will be done according to Standard Plates 632.42 and 632.44. Per the discretion of the Engineer, 101 delineators will be installed starting at Station 10+55 to Station 277+19.

OBJECT MARKERS

At locations shown in the Object Marker Table, where Object Markers will be removed, cost for removing the existing Object Markers will be included in the contract unit price per each for Remove Delineator.

New Type 2 Object Markers and posts will be furnished and installed according to the details of Standard Plates 632.01, 632.03, and 632.04 by the Contractor at the locations shown in the Object Marker Table. Cost for new Type 2 Object Marker and post installation is included in the contract unit price per each for Type 2 Object Marker.

Object Marker Table		
Station	Type 2 Object Marker Back-to- Back (Each)	Description
14+97	2	1 Each Side of Road
15+03	2	1 Each Side of Road
35+94	1	1 Right Side of Road
36+88	1	1 Right Side of Road
37+60	2	1 Each Side of Road
46+84	2	1 Each Side of Road
55+45	1	1 Right Side of Road
56+07	1	1 Right Side of Road
75+51	1	1 Left Side of Road
76+11	1	1 Left Side of Road
79+36	2	1 Each Side of Road
79+46	2	1 Each Side of Road
85+70	2	1 Each Side of Road
88+67	1	1 Right Side of Road
89+39	1	1 Right Side of Road
100+89	1	1 Left Side of Road
100+89	1	1 Right Side of Road
101+76	1	1 Right Side of Road
101+85	1	1 Left Side of Road
103+54	1	1 Right Side of Road
103+59	1	1 Left Side of Road
104+23	1	1 Left Side of Road
104+28	1	1 Right Side of Road
112+93	2	1 Each Side of Road
112+99	2	1 Each Side of Road
123+13	1	1 Left Side of Road
123+83	1	1 Left Side of Road
132+79	2	1 Each Side of Road
132+91	2	1 Each Side of Road
136+83	1	1 Left Side of Road
137+81	1	1 Left Side of Road

Object Marker Table		
Station	Type 2 Object Marker Back-to- Back (Each)	Description
153+36 (4+63 xr151)	1	1 Right Side of Road
154+93 (4+86 xr151)	1	1 Right Side of Road
165+38	1	1 Right Side of Road
165+79	1	1 Left Side of Road
166+18	1	1 Right Side of Road
166+61	1	1 Left Side of Road
181+66	1	1 Right Side of Road
182+45	1	1 Left Side of Road
182+46	1	1 Right Side of Road
183+25	1	1 Left Side of Road
197+22	2	1 Each Side of Road
197+30	2	1 Each Side of Road
(17+13 xr198)	2	1 Each Side of Road
(17+35 xr198)	2	1 Each Side of Road
200+01	2	1 Each Side of Road
200+09	2	1 Each Side of Road
209+64	1	1 Right Side of Road
209+67	1	1 Left Side of Road
210+33	1	1 Left Side of Road
210+36	1	1 Right Side of Road
238+52	1	1 Left Side of Road
238+59	1	1 Right Side of Road
239+24	1	1 Left Side of Road
239+25	1	1 Right Side of Road
252+65	2	1 Each Side of Road
252+95	1	1 Left Side of Road
253+89	1	1 Left Side of Road
259+56	1	1 Right Side of Road
260+14	1	1 Right Side of Road
263+90	2	1 Each Side of Road
269+67	2	1 Each Side of Road
Total	82	

Chevron Installation Table								
Sign Code W1-8								
Station	Side of Road	Width (Inches)	Height (Inches)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	Number of Chevrons	2.0"x2.0" Perforated Tube Post 12 Ga. (Ft)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remarks
386 (xr151)	Rt.	18	24	3.0	1	7.5	1	New Installation
3+06 (xr151)	Rt.	18	24	3.0	2	7.5	1	New Installation
2+26 (xr151)	Rt.	18	24	3.0	2	7.5	1	New Installation
1+46 (xr151)	Rt.	18	24	3.0	2	7.5	1	New Installation
0+66 (xr151)	Rt.	18	24	3.0	1	7.5	1	New Installation
Total				15.0	8	37.5	5	

US 212 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
13+47	Rt.	Mile Marker 314 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
31+28	Lt.	No Passing Zone	W14-3	48X48X36			5.6	12	1	1			W	Telespar	Replace Existing Sign with New Sign on New Post
34+51	Lt.	Adopt A Highway	ADO-5	36	36					1			E	Telespar	Remove Existing Sign
		SDHP HURON SQUAD	ADO-1	36	12										
		Litter Crew Ahead	ADO-6	36	36										
34+63	Rt.	Adopt A Highway	ADO-5	36	36					1			W	Telespar	Remove Existing Sign
		SDHP HURON SQUAD	ADO-1	36	18										
		Litter Crew Ahead	ADO-6	30	30										
36+23	Lt.	Stop	R1-1	30	30		6.3	10.5	1	1			N	Telespar	Replace Existing Sign with New Sign on New Post
36+62	Rt.	Stop	R1-1	30	30		6.3	10.5	1	1			S	Telespar	Replace Existing Sign with New Sign on New Post
36+76	Lt.	393 Ave (Two Signs)	D3-1	36	12	6.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0									
37+67	Rt.	Advance Historical Marker 1000 FT.	I10-8A	24	18			12	1		1	1	W	Telespar	Reset Existing Sign on New Post
41+93	Rt.	Fisher Grove State Park ←---	RS-NS1A	72	48			24	2		1	1	W	Telespar	Reset Existing Sign on New Post
49+33	Lt.	Stop	R1-1	30	30		6.3	7.7	1	1			N	Telespar	Place New Sign on New Post
49+59	Rt.	HISTORIC MARKER Fisher Grove Park Story	RG-NS1	44	42						1	1	N	Telespar	Reset Existing Sign on Existing Post
52+27	Rt.	No Passing Zone	W14-3	48X48X36			5.6	12	1	1			E	Telespar	Place New Sign on New Post
57+16	Lt.	Fisher Grove State Park ---->	RS-NS1A	72	48			24	2		1	1	E	Telespar	Reset Existing Sign on New Post
61+60	Lt.	Advance Historical Marker 1000 FT.	I10-8A	24	18			8.8	1		1	1	E	Telespar	Reset Existing Sign on New Post
66+67	Rt.	Mile Marker 315 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location

US 212 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
89+06	Lt.	394 Ave (Two Signs)	D3-1	36	12	6.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0					N/S				
89+19	Rt.	STOP	R1-1	30	30		6.3	5	1				S	Telespar	Replace Existing Sign with New Sign on New Post
98+88	Rt.	James River	I-3C	42	30	8.8		8.7	1				W	Telespar	Replace Existing Sign with New Sign on New Post
101+38	Rt.	Mile Marker 315.66 (Two Signs)	D10-6	4.5	21	1.3		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
101+38	Lt.	James River	I-3C	42	30	8.8		5.8	1				E	Telespar	Replace Existing Sign with New Sign on New Post
102+85	Rt.	THINK SIGN WHY DIE?								1			W	U Channel	Remove Existing Sign
118+93	Rt.	Mile Marker 316 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
121+10	Lt.	No Passing Zone	W14-3	48X48X36			5.6	12	1	1			W	Telespar	Replace Existing Sign with New Sign on New Post
132+53	Rt.	Left Curve Arrow	W1-2L	36	36		9.0	12.0	1				W	Telespar	Place New Sign on New Post
137+10	Lt.	Stop	R1-1	30	30		6.3	10.5	1	1			N	Telespar	Replace Existing Sign with New Sign on New Post
137+54	Rt.	Stop	R1-1	30	30		6.3	10.5	1	1			S	Telespar	Replace Existing Sign with New Sign on New Post
137+71	Lt.	395 Ave (Two Signs)	D3-1	36	12	6.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0					N/S				
137+99	Rt.	Left Curve Arrow	W1-2L	36	36					1			W	Telespar	Remove Existing Sign
139+67	Rt.	No Passing Zone	W14-3	48X48X36			5.6	12	1	1			E	Telespar	Replace Existing Sign with New Sign on New Post
140+30	Lt.	Adopt A Highway	ADO-5	36	36					1			E	Telespar	Remove Existing Sign
		SDHP HURON SQUAD	ADO-1	36	12										
		Litter Crew Ahead	ADO-6	36	36										
143+40	Rt.	US 212	M1-4	30	24	5.0		10	1				W	Telespar	Replace Existing Sign with New Sign on New Post
		45 Left Arrow	M6-2LA	21	15	2.2									
143+83	Rt.	Frankfort ^	D1-2	96	24					1			W	Telespar	Remove Existing Sign
		NO TRUCKS (SYM)	R5-2	20	20										

US 212 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
145+92	Rt.	Do Not Enter	R5-1	30	30					1			E	Telespar	Remove Existing Sign
146+10	Rt.	Large Horizontal Arrow	W1-6	48	24		8.0	9.5	1				E	Telespar	Remove Existing Sign
146+18	Rt.	One Way	R6-1							1			N	Telespar	Remove Existing Sign
146+37	Lt.	US 212	M1-4	30	24					1			S	Telespar	Remove Existing Sign
		Horizontal Double Arrow	M6-4	21	15										
146+54	Rt.	Stop	R1-1	30	30					1			S	Telespar	Remove Existing Sign
148+76	Rt.	Frankfort -->	D1-2	72	18	9.0		12.0	1				W		Place New Sign on New Post
151+90	Lt.	US 212	M1-4	30	24	5.0		25.0	2				SE		Place New Sign on New Post
		Horizontal Double Arrow	M6-4	21	15	2.2									
		Large Horizontal Double Arrow	W1-7	48	24		8.0								
152+18	Lt.	173 St (Two Signs)	D3-1	30	12	5.0		12.5	1	1		E/W	Telespar	Replace Existing Sign with New Sign on New Post	
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0									N/S
152+25	Rt.	Stop	R1-1	36	36		7.5	12.0	1				S	Telespar	Place New Sign on New Post
155+05	Lt.	<-- Frankfort	D1-2	72	18	9.0		12.0	1				E		Place New Sign on New Post
171+22	Rt.	Mile Marker 317 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
186+80	Lt.	Redfield 10	D2-1	72	18	9.0		24	2				E	Telespar	Replace Existing Sign with New Sign on New Post
194+32	Rt.	Frankfort ---->	D1-1	72	18	9.0		24	2				W	4" X 6" Wood	Replace Existing Sign with New Sign on New Post
198+05	Lt.	US 212	M1-4	30	24	5.0		12	1				E	Telespar	Replace Existing Sign with New Sign on New Post
		WEST	M3-4A	24	12	2.0									
198+50	Lt.	Stop	R1-1	36	36		7.5	9.2	1				S	Telespar	Replace Existing Sign with New Sign on New Post
199+10	Rt.	Stop	R1-1	36	36		7.5	10	1				N	Telespar	Replace Existing Sign with New Sign on New Post

US 212 Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
199+63	Lt.	396 Ave (Two Signs)	D3-1	36	12	6.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0					E				
200+40	Rt.	US 212	M1-4	30	24	5.0		9.8	1				W	Telespar	Replace Existing Sign with New Sign on New Post
		EAST	M3-2A	24	12	2.0									
204+41	Lt.	<--- Frankfort	D1-1	72	18	9.0		12	2				E	Telespar	Replace Existing Sign with New Sign on New Post
209+19	Rt.	Jct SD 37 4 Doland 10	D2-2	66	36	16.5		24	2				W	Telespar	Replace Existing Sign with New Sign on New Post
223+78	Rt.	Mile Marker 318 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
253+20	Lt.	Stop	R1-1	36	36		7.5	8.8	1	1			W	Telespar	Replace Existing Sign with New Sign on New Post
253+39	Rt.	US 212	M1-4	30	24	5.0		25.0	2				W	Telespar	Place Sign on New Post
		Horizontal Double Arrow	M6-4	21	15	2.2									
		Large Horizontal Double Arrow	W1-7	48	24		8.0								
253+45	Lt.	Large Left Arrow	W1-6	48	24	8.0		24	2				S	Telespar	Replace Existing Sign with New Sign on New Post
253+60	Lt.	Large Right Arrow	W1-6	48	24	8.0		24	2				W	Telespar	Replace Existing Sign with New Sign on New Post
253+70	Lt.	172 St (Two Signs)	D3-1	30	12	5.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0					N/S				
259+90	Lt.	US 212	M1-4	30	24	5.0		25.0	2				S	Telespar	Place Sign on New Post
		Horizontal Double Arrow	M6-4	21	15	2.2									
		Large Horizontal Double Arrow	W1-7	48	24		8.0								
260+07	Lt.	397 Ave (Two Signs)	D3-1	36	12	6.0		12.5	1	1			E/W	Telespar	Replace Existing Sign with New Sign on New Post
		US Hwy 212 (Two Signs)	D3-1	48	12	8.0					N/S				
260+13	Rt.	Stop	R1-1	30	30		6.3	12	1				S	Telespar	Replace Existing Sign with New Sign on New Post
276+55	Rt.	Mile Marker 319 (Two Signs)	D10-6	4.5	18	1.1		5.0	1	1			E/W	U Channel	Replace Existing Sign with New Sign on New Post at Existing MRM Location
TOTAL						241.7	137.5	644.8	62	34	5	5			

PLOT SCALE - 1:200

PLOTTED FROM - TRAB17879B

PLOT NAME - 1

FILE - ... \SPN\0808\SECTION \S\BORDER.DGN

PLOT SCALE - 1:200

PLOT NAME - 1

173 Street (xr151) Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
4+00	Lt.	Stop Ahead	W3-1	36	36		9.0	12.0	1				SE		Place New Sign on New Post
5+87	Lt.	Right Curve Arrow	W1-2R	36	36		9.0	12.0	1				E		Place New Sign on New Post
TOTAL						0.0	18.0	24.0	2.0	0.0	0.0	0.0			

396 Avenue (xr198) Permanent Sign Installation Table

Station	Side of Road	Description	Sign Code	Width (Inches)	Height (Inches)	Flat Aluminum sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity (SQFT)	2.0"x2.0" Perforated Tube Post 12 ga. (FT)	(N.A.B.I.) Square Tube Anchor Sleeve (Each)	Remove Traffic Sign (Each)	Remove Sign For Reset (Each)	Reset Sign (Each)	Direction Sign Faces	Current Type of Post	Remarks
9+31	Rt.	Right Curve Arrow	W1-2R	36	36		9.0	12.0	1				S		Place New Sign on New Post
11+31	Lt.	Speed Limit 55	R2-1X	24	30	5.0		12.0	1	1			N	Telespar	Replace Existing Sign with New Sign on New Post
17+00	Rt.	Stop Ahead	W3-1	36	36		9.0	12.0	1	1			SE		Place New Sign on New Post
17+60	Lt.	Spink County 11						12	1		1	1	N	Telespar	Remove and Reset Existing Sign on New Post
21+45	Rt.	Spink County 11						12	1		1	1	S	Telespar	Remove and Reset Existing Sign on New Post
21+82	Lt.	Stop Ahead	W3-1	36	36		9.0	12.0	1	1			S		Place New Sign on New Post
32+80	Lt.	Right Curve Arrow	W1-2R	36	36		9.0	12.0	1				S		Place New Sign on New Post
TOTAL						5.0	36.0	84.0	7	3	2	2			

PLOTTED FROM - TRAB17879B

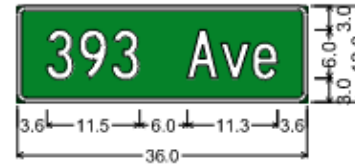
FILE - ... \SPNK0808\SECTION \BORDER.DGN

Sign Installation Summary US 212, 173 St & 396 Ave

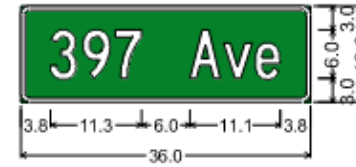
Sign Code	Description	Width (Inches)	Height (Inches)	Sq. Ft.	No.	Flat Aluminum Sign, Nonremovable Copy High Intensity (SQFT)	Flat Aluminum Sign, Nonremovable Copy Super or Very High Intensity (SQFT)	Text / Background
D1-2	Redfield 10	72	18	9.0	1	9.0		White on Green
D1-2	Jct SD37 4 Doland 10	66	36	16.5	1	16.5		White on Green
D1-2	Frankfort -->	72	18	9.0	2	18.0		White on Green
D1-2	<-- Frankfort	72	18	9.0	2	18.0		White on Green
D3-1	Street Signs US Hwy 212 (Two Signs for Each)	48	12	4.0	14	56.0		White on Green
D3-1	Street Signs 393 Ave - 397 Ave (Two Signs for Each)	36	12	3.0	10	30.0		White on Green
D3-1	Street Signs 172 St. - 173 St. (Two Signs for Each)	30	12	2.5	4	10.0		White on Green
D10-6	Mile Markers 314 - 319 (Two Signs for Each)	4.5	18	0.55	12	6.6		White on Green
D10-6	Mile Markers 315.66 (Two Signs for Each)	4.5	21	0.66	2	1.3		White on Green
I-3C	James River	42	30	8.8	2	17.5		White on Green
M1-4	US 212	30	24	5.0	6	30.0		Black on White Shield/Black Border
M3-2	East	24	12	2.0	1	2.0		Black on White/Green Border
M3-4	West	24	12	2.0	1	2.0		Black on White/Green Border
M6-2L	45 Left Arrow	21	15	2.2	1	2.2		Black on White/Black Border
M6-4	Horizontal Double Arrow	21	15	2.2	3	6.6		Black on White/Black Border
R1-1	Stop	30	30	6.3	7		44.1	White on Red
R1-1	Stop	36	36	7.5	4		30.0	White on Red
R2-1X	Speed Limit 55	24	30	5.0	1	5.0		Black on White
W1-2L	Left Curve Arrow	36	36	9.0	1		9.0	Black on Fluorescent Yellow
W1-2R	Right Curve Arrow	36	36	9.0	3		27.0	Black on Fluorescent Yellow
W1-6	Large Left Arrow	48	24	8.0	1	8.0		Black on Fluorescent Yellow
W1-6	Large Right Arrow	48	24	8.0	1	8.0		Black on Fluorescent Yellow
W1-6	Large Horizontal Arrow	48	24	8.0	1		8.0	Black on Fluorescent Yellow
W1-7	Large Horizontal Double Arrow	48	24	8.0	3		24.0	Black on Fluorescent Yellow
W1-8	Chevron	18	24	3.0	8		24.0	Black on Fluorescent Yellow
W3-1	Stop Ahead	36	36	9.0	3		27.0	Black on Fluorescent Yellow
W14-3	No Passing Zone	48X48X36		5.6	4		22.4	Black on Fluorescent Yellow
					Totals	246.7	215.5	

SPECIAL SIGN LAYOUT

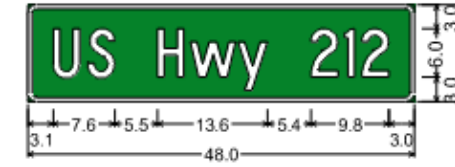
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0212(206)313	S12	S23
Plotting Date: 11/04/2024			



1.0" Radius, 0.5" Border, White on Green; "393 Ave", C 2K;



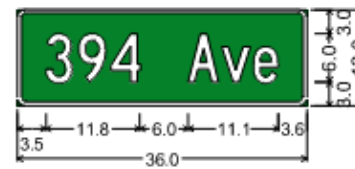
1.0" Radius, 0.5" Border, White on Green; "397 Ave", C 2K;



1.0" Radius, 0.5" Border, White on Green; "US Hwy 212", C 2K 90% spacing;



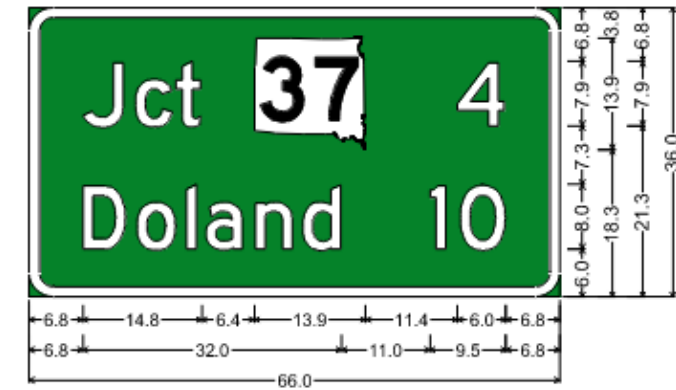
3.0" Radius, 1.0" Border, White on Green; "Frankfort", D 2K; Standard Arrow 2.25 9.9" X 6.1" 0°;



1.0" Radius, 0.5" Border, White on Green; "394 Ave", C 2K;



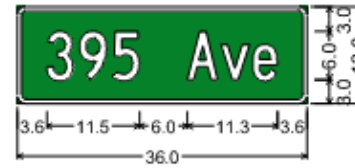
1.0" Radius, 0.5" Border, White on Green; "172 St", C 2K;



3.0" Radius, 1.3" Border, White on Green; "Jct", D 2K; "4", D 2K; "Doland", D 2K; "10", D 2K;



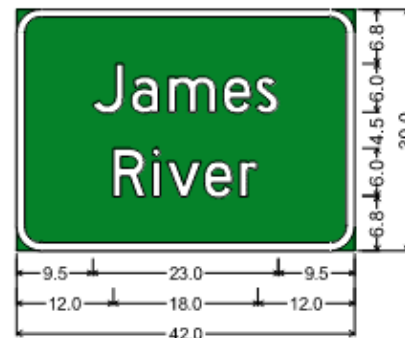
3.0" Radius, 1.0" Border, White on Green; Standard Arrow 2.25 9.9" X 6.1" 180°; "Frankfort", D 2K;



1.0" Radius, 0.5" Border, White on Green; "395 Ave", C 2K;



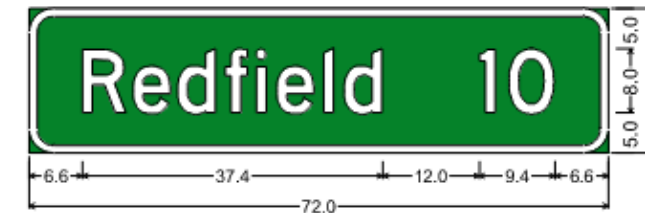
1.0" Radius, 0.5" Border, White on Green; "173 St", C 2K;



3.0" Radius, 1.0" Border, White on Green; "James", D 2K; "River", D 2K;



1.0" Radius, 0.5" Border, White on Green; "396 Ave", C 2K;

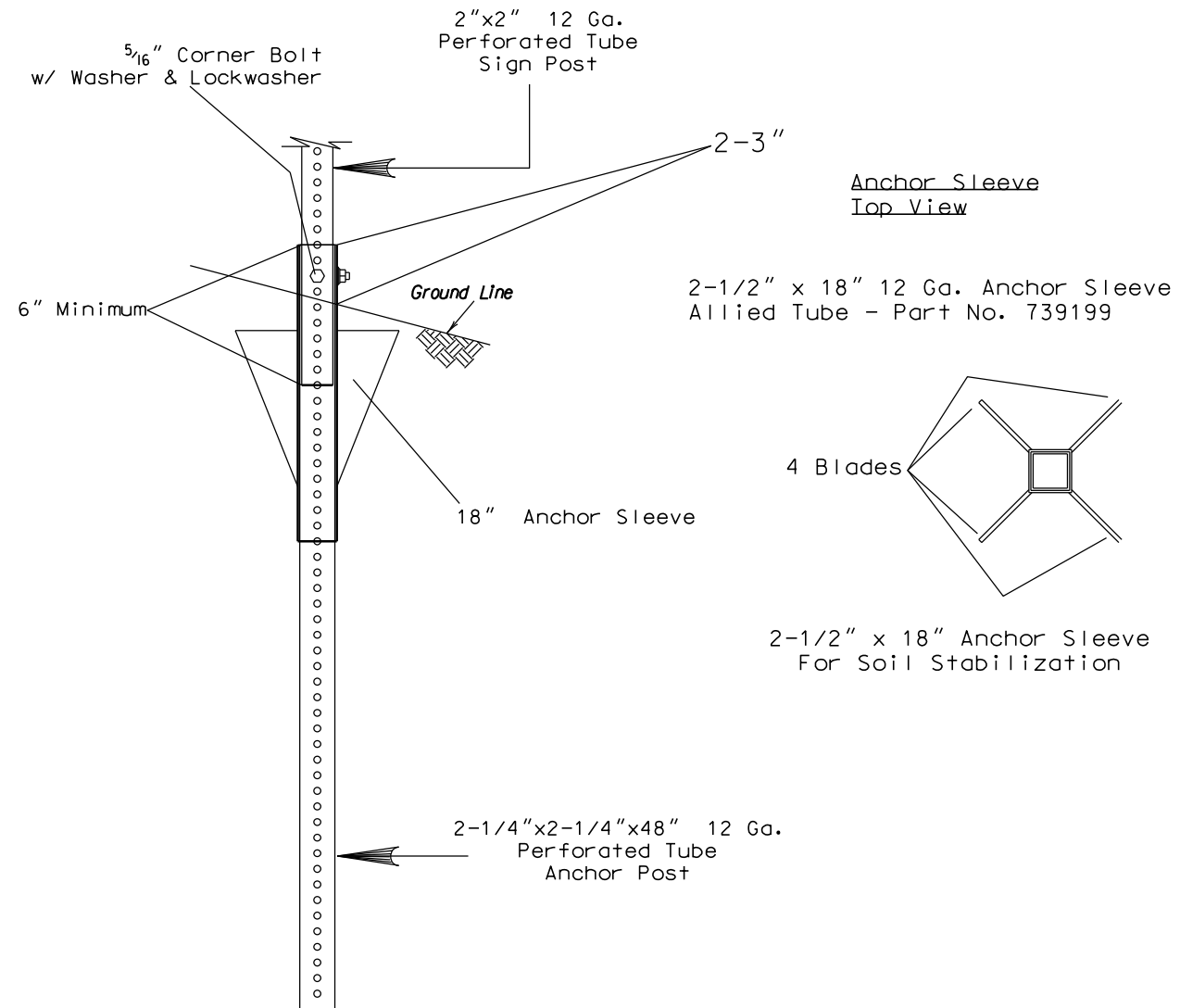


3.0" Radius, 1.0" Border, White on Green; "Redfield", D 2K; "10", D 2K;

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0212(206)313	S13	S23
Plotting Date: 01/26/2024			

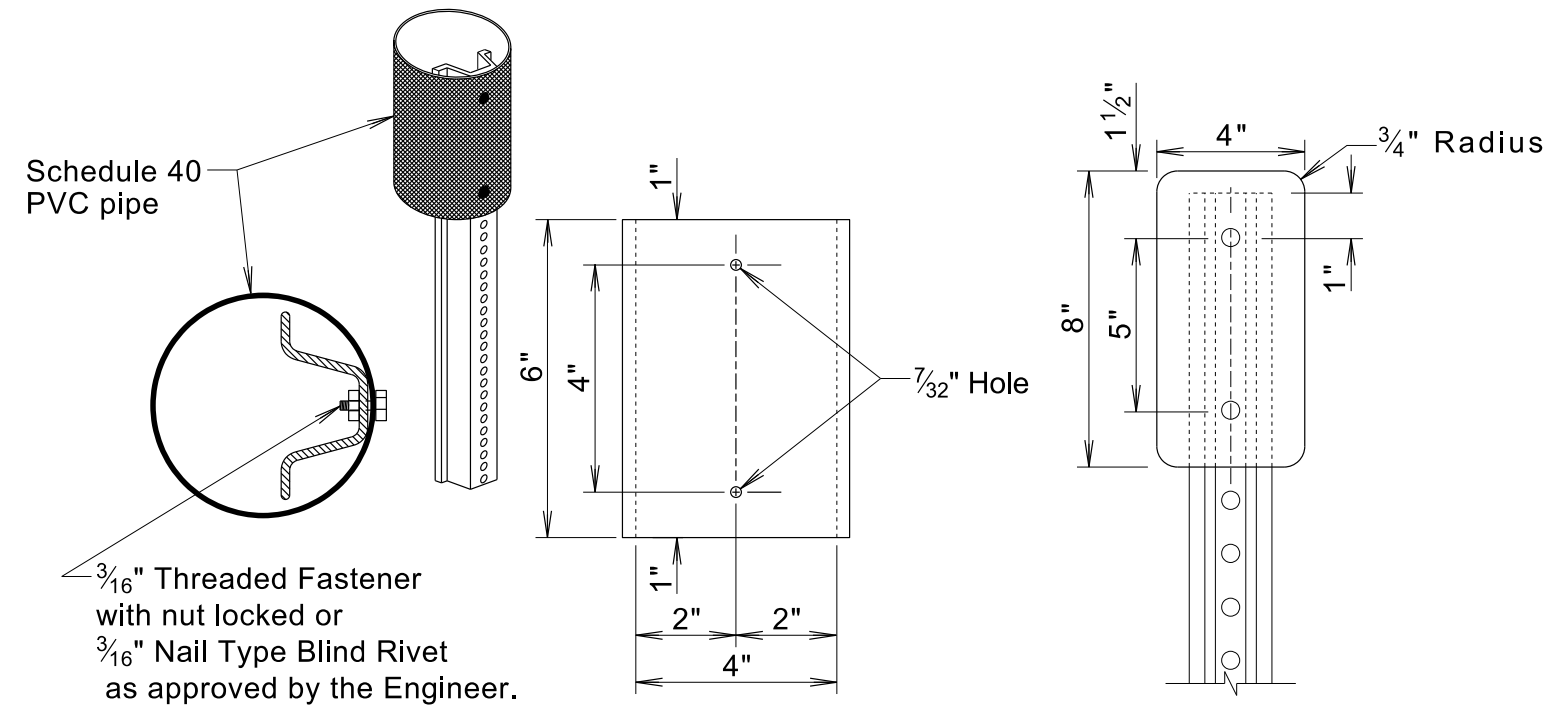
SPECIAL SIGN DETAIL

SIGN BASE DETAILS FOR A 2" SIGN POST



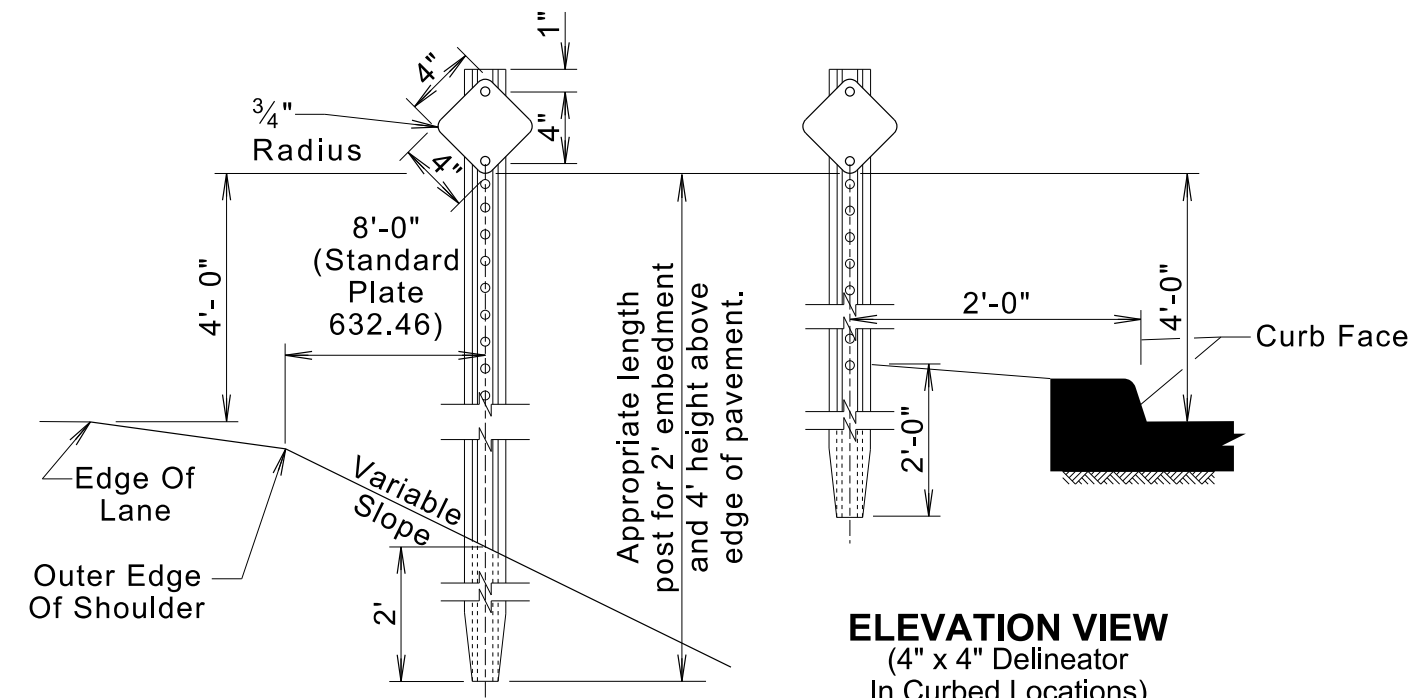
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0212(206)313	S14	S23
Plotting Date: 01/26/2024			

DELINEATOR INSTALLATION DETAIL



ELEVATION VIEW
(4" Tubular delineator
mounted on post)

ELEVATION VIEW
(4" x 8" Delineator)



1/4" Diameter Mounting Holes in all Delineators

ELEVATION VIEW
(4" x 4" Delineators)

ELEVATION VIEW
(4" x 4" Delineator
In Curbed Locations)

PLOT SCALE - 1:227.601

PLOTTED FROM - TRAB10100

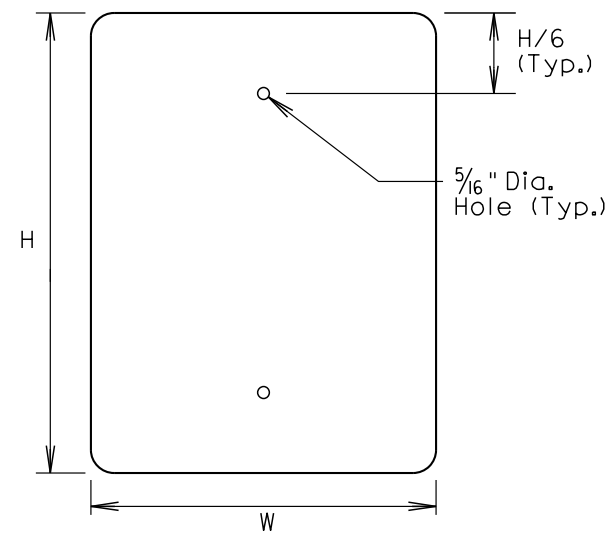
PLOT NAME - 1

FILE - ... \BROK05EX\SECTION SATTTLES.DGN

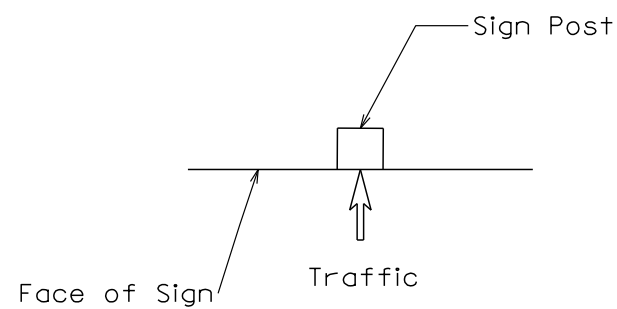
CHEVRON INSTALLATION DETAIL

WI-8 Single Mount Detail

View from Face

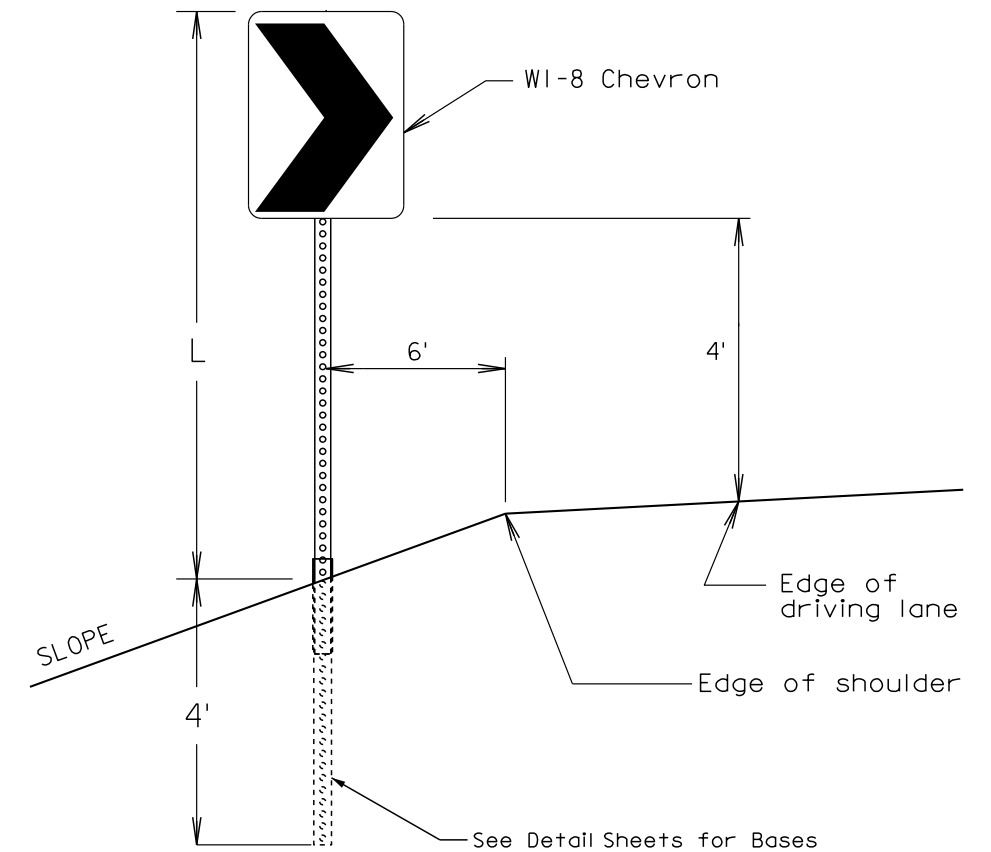
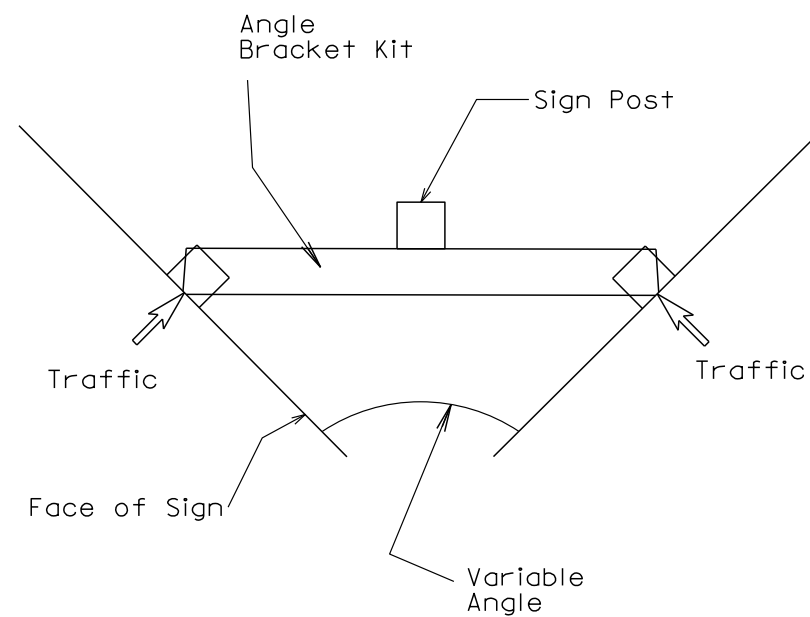


View from Top



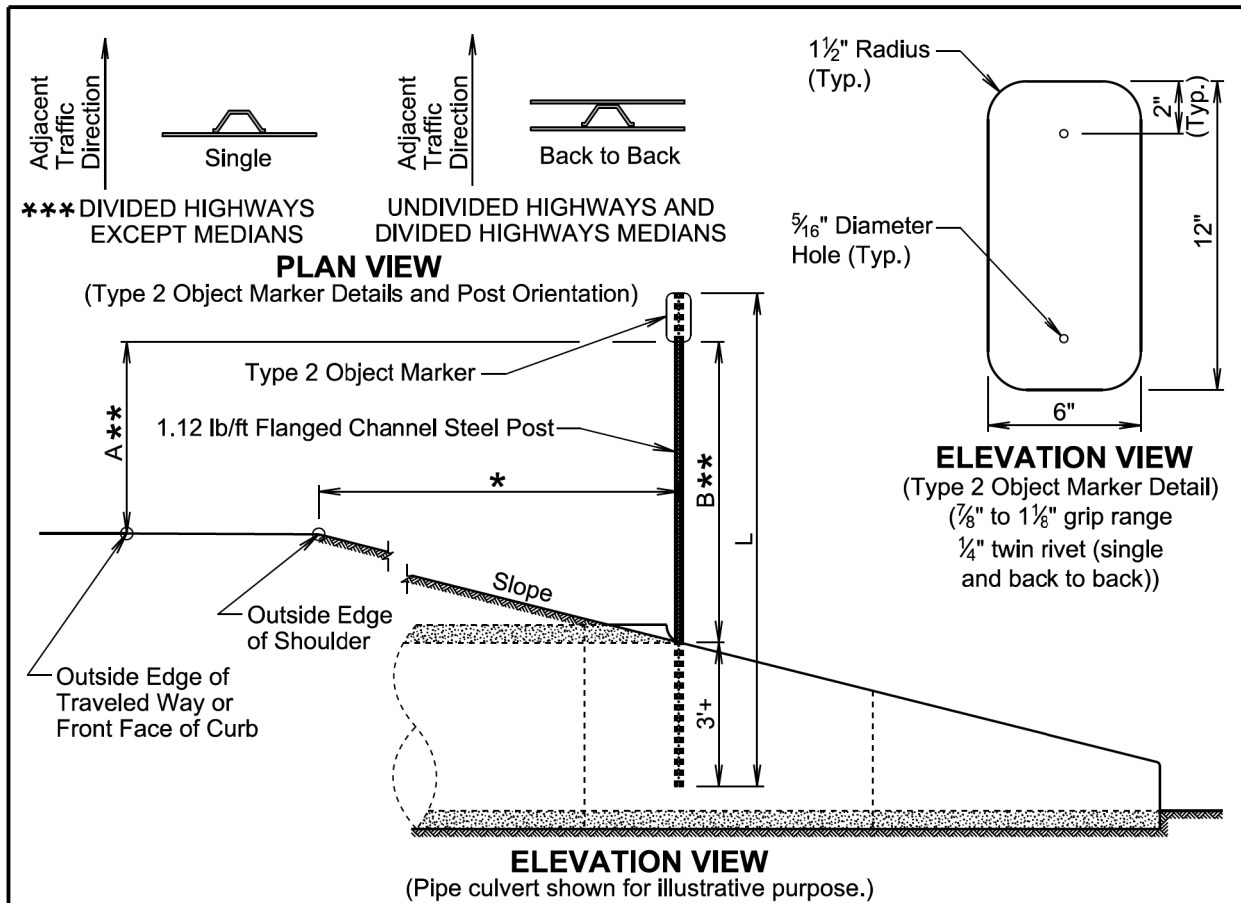
WI-8 Double Mount Detail

View from Top



SLOPE	SIGN SIZE (IN)	12x18	18x24	24x30	30x36	36x48
		POST LENGTH L (FT)				
	6:1	6 1/2	7	7 1/2	8	9
	4:1	7	7 1/2	8	8 1/2	9 1/2
	3:1	7 1/2	8	8 1/2	9	10

NOTE: The first Chevron shall be placed within 50' of beginning of curve from each direction of travel and shall be mounted as a single mount installation. All intermediate installations shall be mounted as a double mount installation with approach angle adjusted such that 3 sign faces are visible at all times when traveling through the curve.



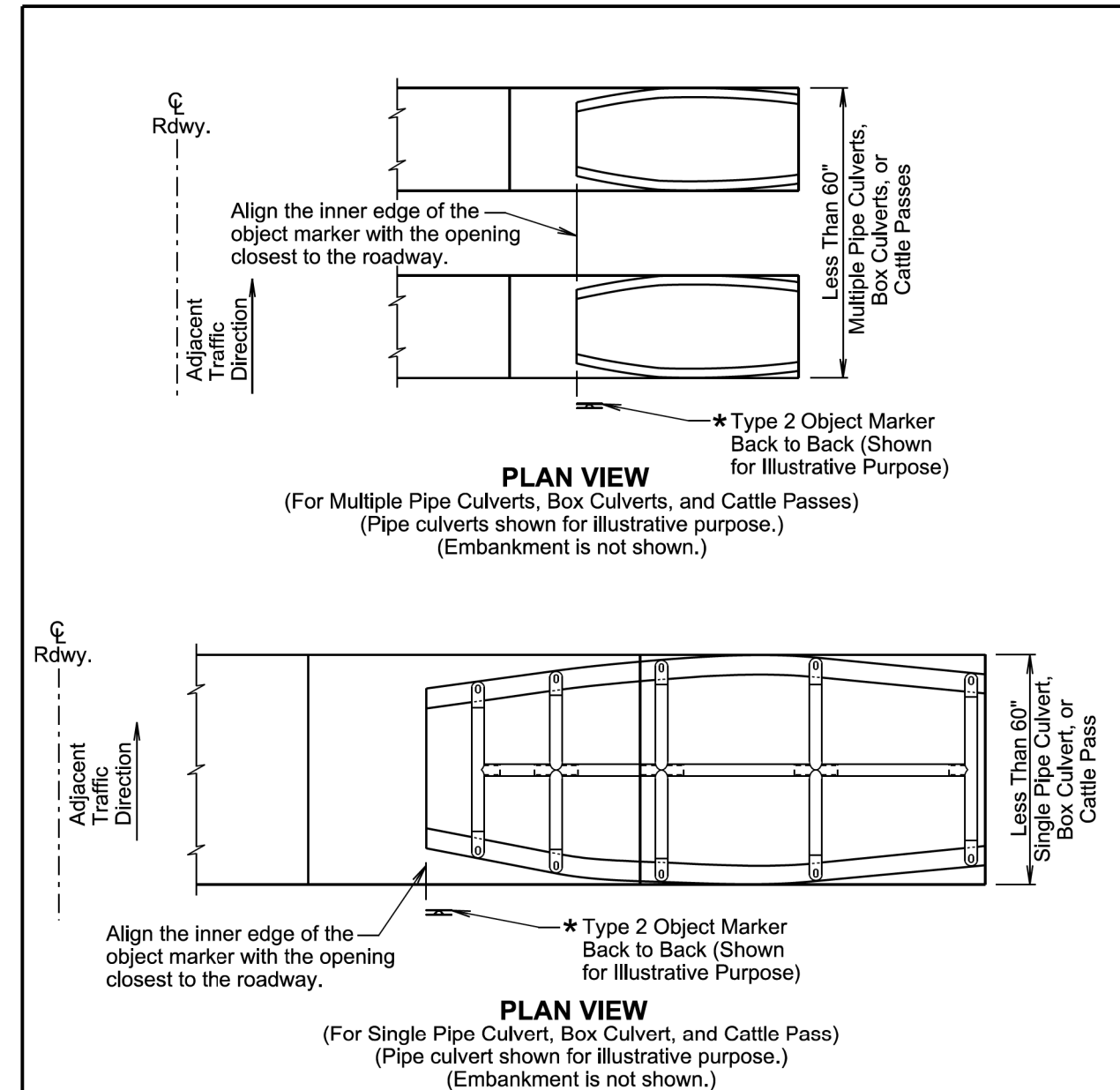
TYPE 2 OBJECT MARKER POST LENGTHS										
OFFSET (*)	1'	2'	3'	4'	5'	6'	7'	8'	Greater Than 8'	
POST LENGTH (L)										
SLOPE	3:1	8'-6"	8'-9"	9'-3"	9'-6"	9'-9"	10'-3"	10'-6"	10'-9"	8'-0"
	4:1	8'-6"	8'-9"	9'-0"	9'-3"	9'-9"	9'-9"	10'-0"	10'-3"	8'-0"
	5:1	8'-3"	8'-6"	8'-9"	9'-0"	9'-3"	9'-3"	9'-6"	9'-9"	8'-0"
	6:1	8'-3"	8'-6"	8'-9"	8'-9"	9'-0"	9'-3"	9'-3"	9'-6"	8'-0"

GENERAL NOTES:

- *** The type 2 object marker may be installed back to back when specified in the plans.
Post Length L was calculated based on a shoulder width of 6 feet at a crossslope of 4 percent and L was rounded up to the nearest 3 inches.
- ** Dimension A is 4 feet when the Offset * is 8 feet and less. Dimension B is 4 feet when Offset * is greater than 8 feet.
The type 2 object marker and the 1.12 lb/ft flanged channel steel post will be in conformance with Specifications Section 982.2 J.
Payment for the type 2 object marker will be in conformance with Specification Section 632.5 B.

December 23, 2019

SDDOT	TYPE 2 OBJECT MARKER (DIRECT DRIVE)	PLATE NUMBER 632.01
	Published Date: 2025	Sheet 1 of 1

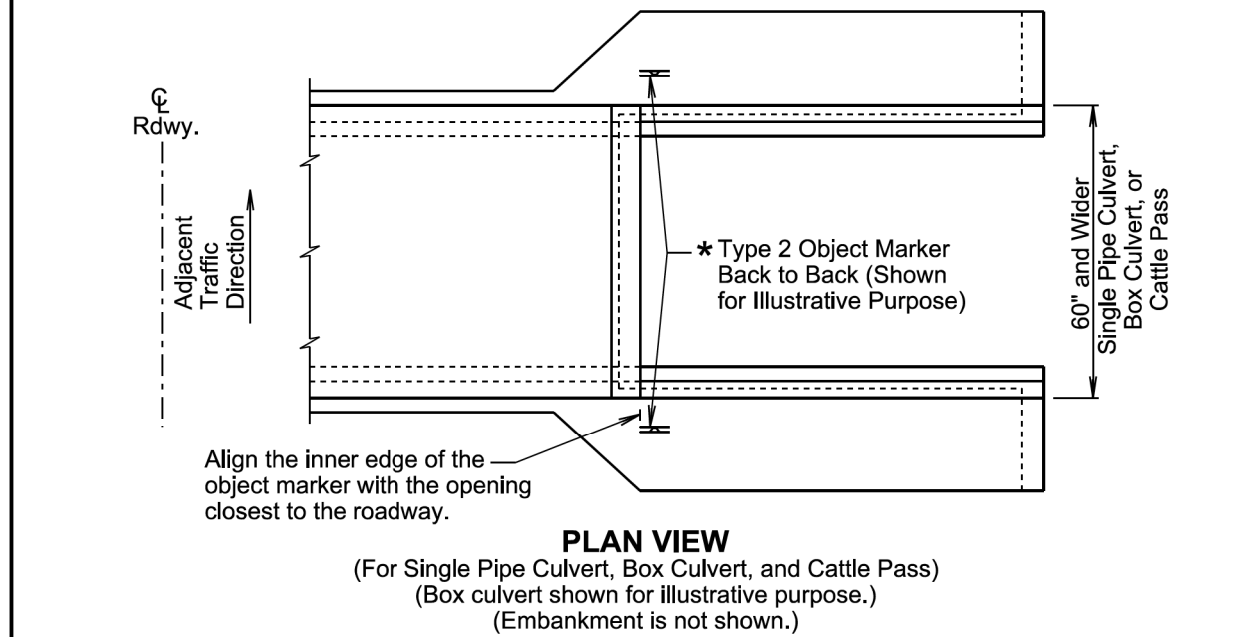
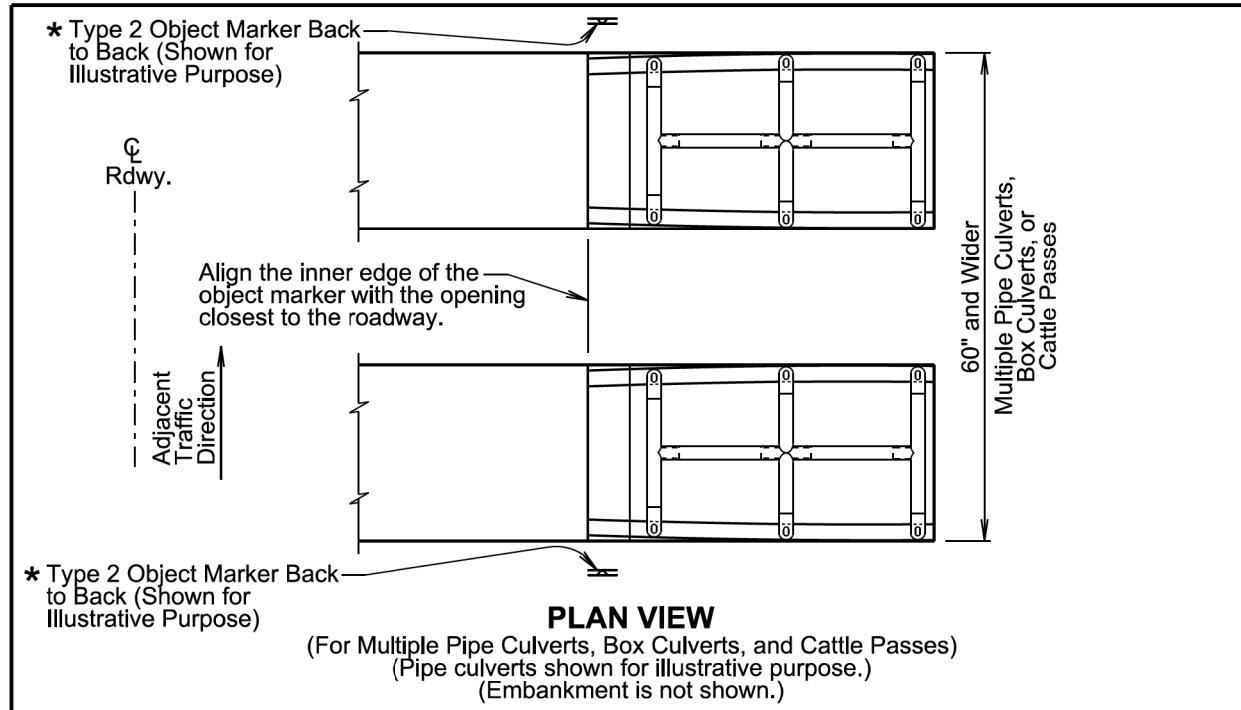


GENERAL NOTES:

- This standard plate will be used in conjunction with standard plate 632.01.
- * The type 2 object markers will be installed at the locations shown above. The type 2 object markers, single faced or back to back, will be as specified in the plans.

December 23, 2019

SDDOT	TYPE 2 OBJECT MARKER AT PIPE CULVERTS, BOX CULVERTS, AND CATTLE PASSES (Less than 60" Overall Width)	PLATE NUMBER 632.03
	Published Date: 2025	Sheet 1 of 1



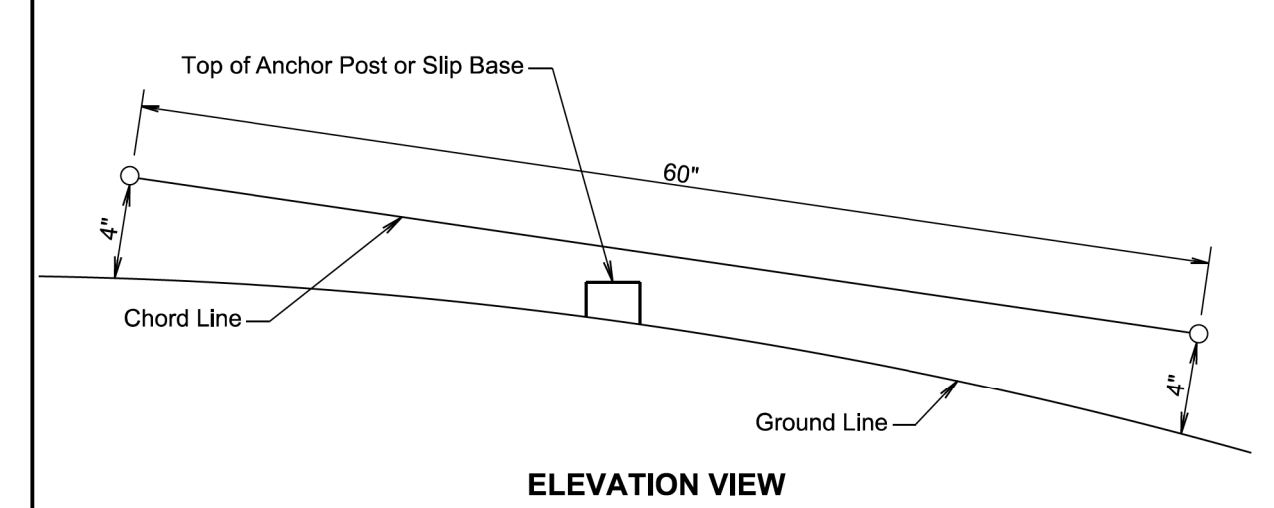
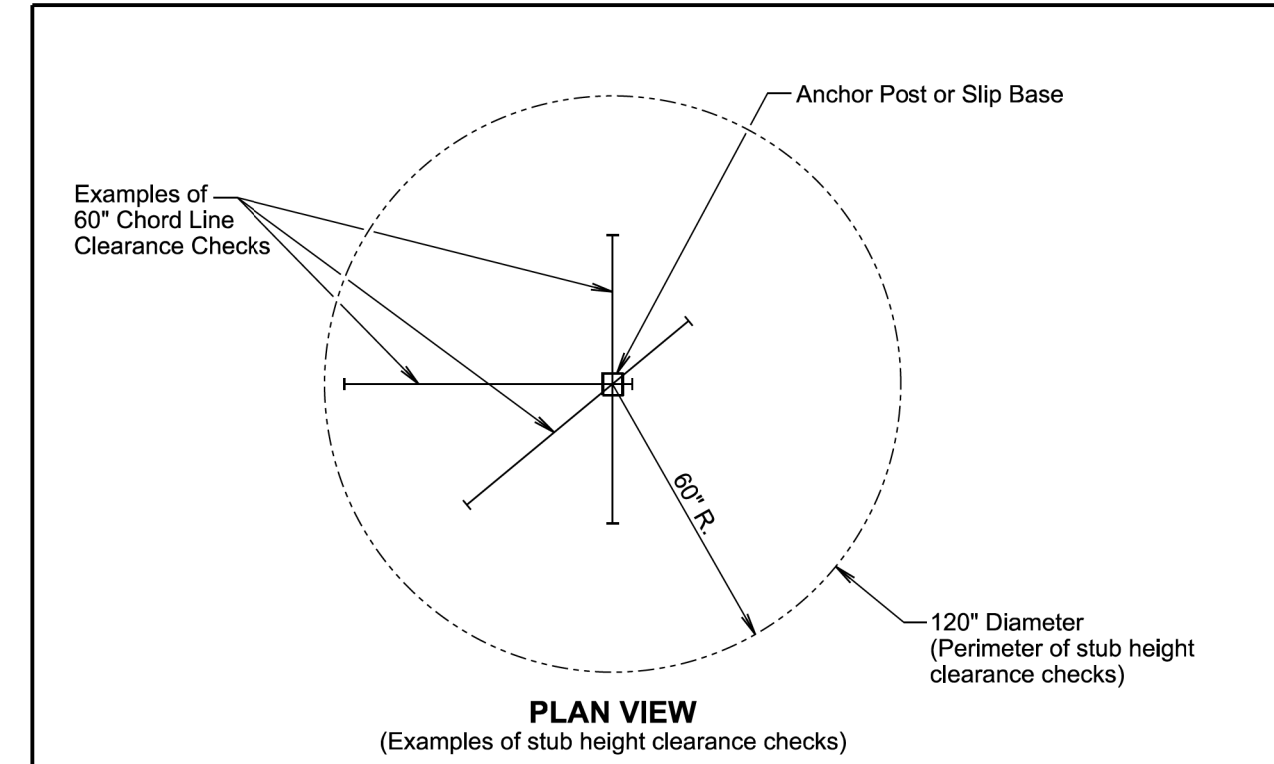
GENERAL NOTES:

This standard plate will be used in conjunction with standard plate 632.01.

* The type 2 object markers will be installed at the locations shown above. The type 2 object markers, single faced or back to back, will be as specified in the plans.

December 23, 2019

Published Date: 2025	S D D O T	TYPE 2 OBJECT MARKER AT PIPE CULVERTS, BOX CULVERTS, AND CATTLE PASSES (60" and Greater Overall Width)	PLATE NUMBER 632.04
			Sheet 1 of 1



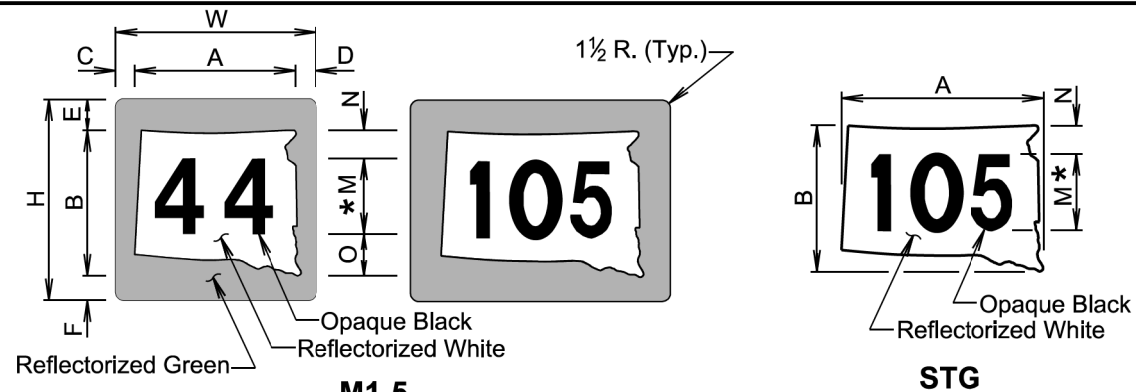
GENERAL NOTES:

The top of anchor posts and slip bases WILL NOT extend above a 60" chord line within a 120" diameter circle around the post with ends 4" above the ground.

At locations where there is curb and gutter adjacent to the breakaway sign support, the stub height will be a maximum of 4" above the ground line at the localized area adjacent to the breakaway support stub.

January 22, 2021

Published Date: 2025	S D D O T	BREAKAWAY SUPPORT STUB CLEARANCE	PLATE NUMBER 632.18
			Sheet 1 of 1

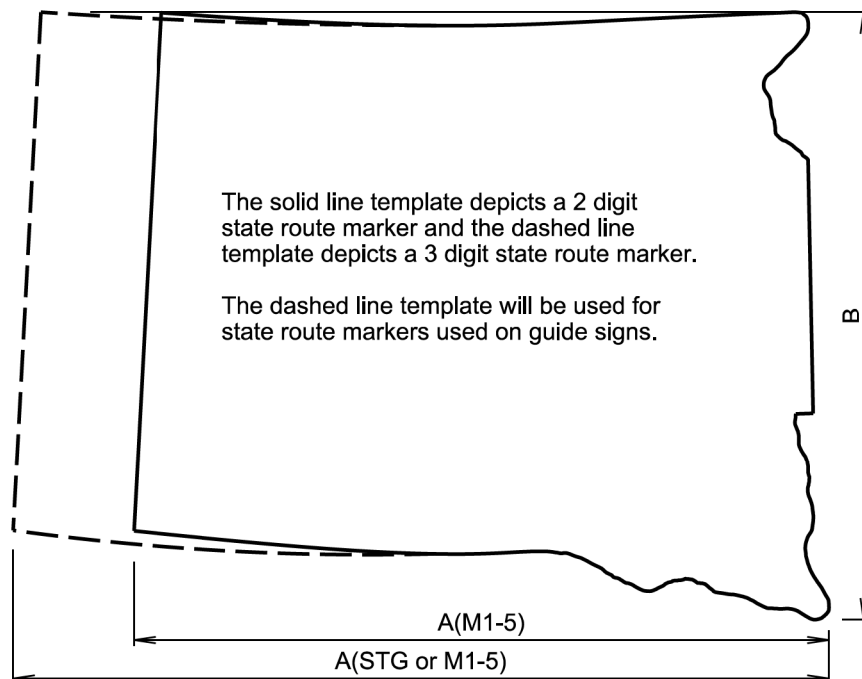


SIGN CODE	WxH	A	B	C	D	E	F	M*	N	O
M1-5	24x24	20½	18	2	1½	3½	2½	12D	2	4
M1-5 **	30x24	24	18	2¼	1¾	3½	2½	12D	2	4
M1-5	30x30	25⅞	22½	2½	1⅞	4⅜	3⅞	15D	2½	5
M1-5	36x36	30¾	27	3	2¼	5¼	3¾	18D	3	6

SIGN CODE	AxB	M*	N
STG-24	24x18	10D	4
STG-32	32x24	12D	4¾
STG-48	48x36	18D	7
STG-64	64x48	24D	9½

* In the few cases where there is not enough space for the numerals, the standard D series font may be replaced with C series font if approved by the Engineer.

** 3 Digits



TEMPLATE FOR STATE ROUTE MARKER

GENERAL NOTES:

The unit for all dimensions shown is inches.

Numerals will be D series font for all state route markers except as noted above.

December 23, 2019

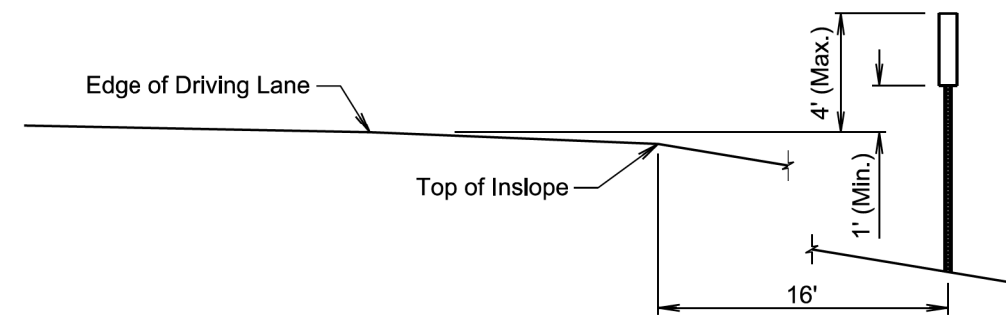
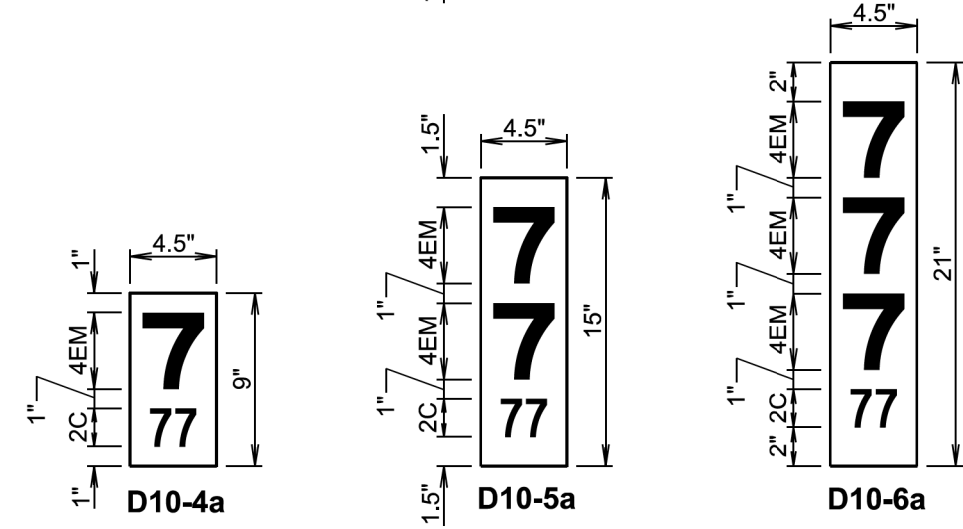
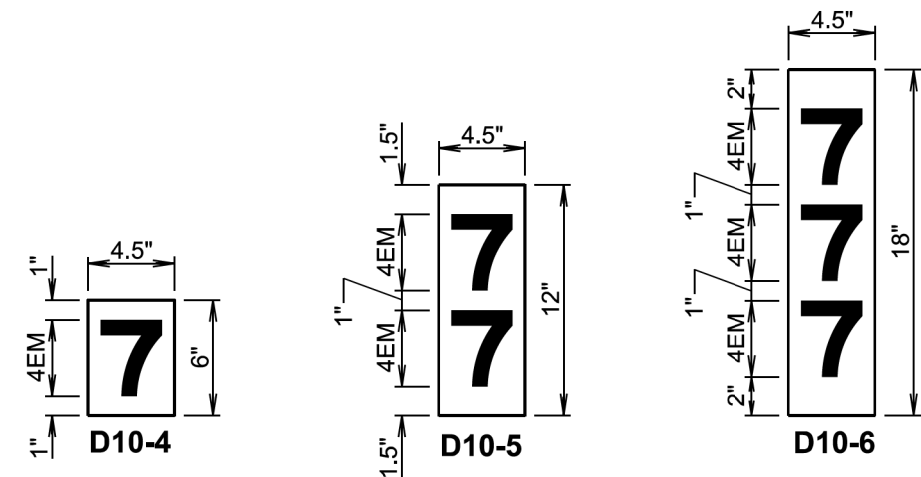
Published Date: 2025

S
D
D
O
T

STATE ROUTE MARKERS

PLATE NUMBER
632.20

Sheet 1 of 1



ELEVATION VIEW

GENERAL NOTES:

Background will be high intensity green.

Legend will be high intensity white.

Signs will have squared corners with no border.

Sign locations will be staked by the Engineer.

December 23, 2019

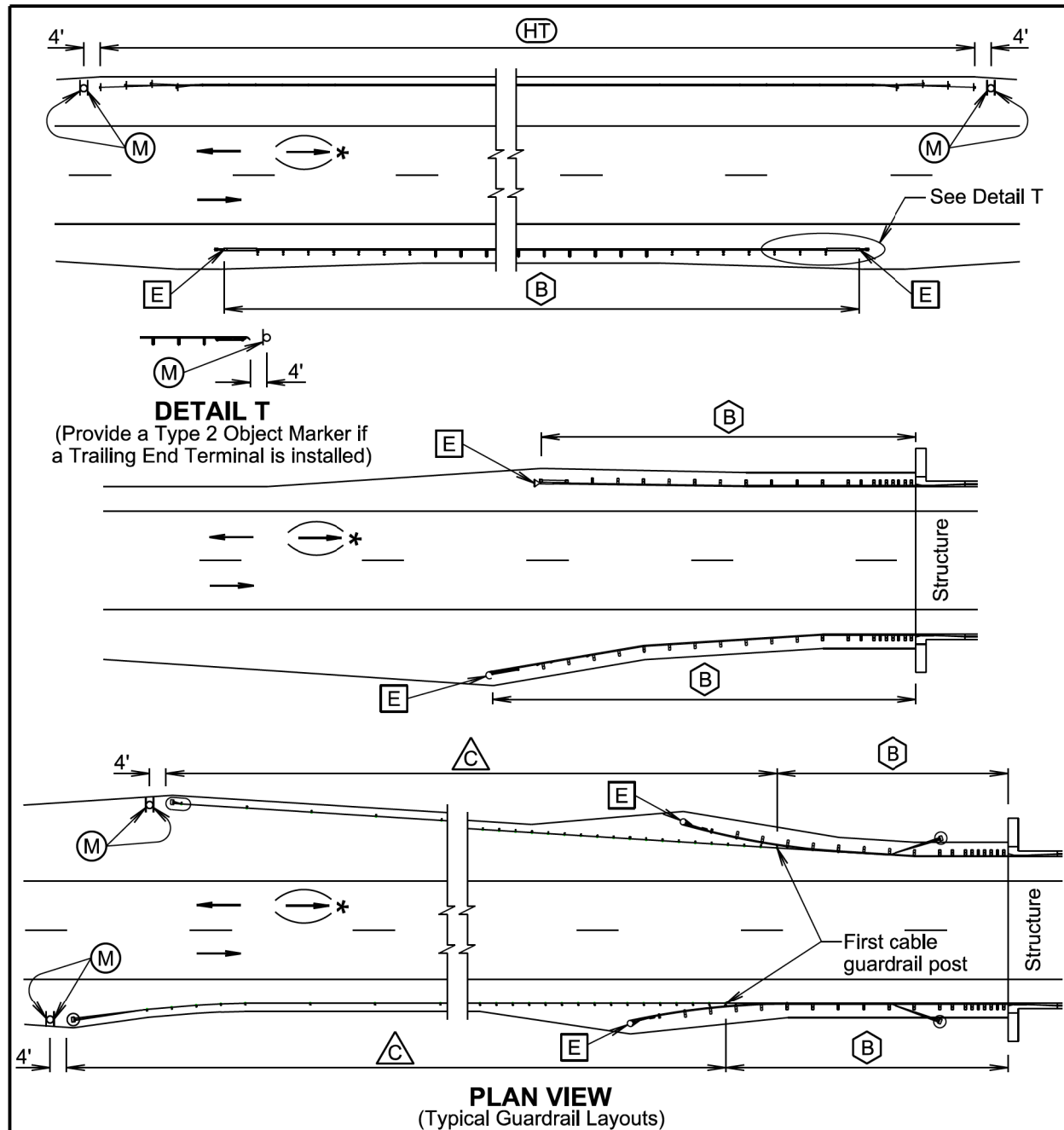
Published Date: 2025

S
D
D
O
T

NON-INTERSTATE
MILEAGE REFERENCE MARKERS

PLATE NUMBER
632.30

Sheet 1 of 1



PLAN VIEW
(Typical Guardrail Layouts)

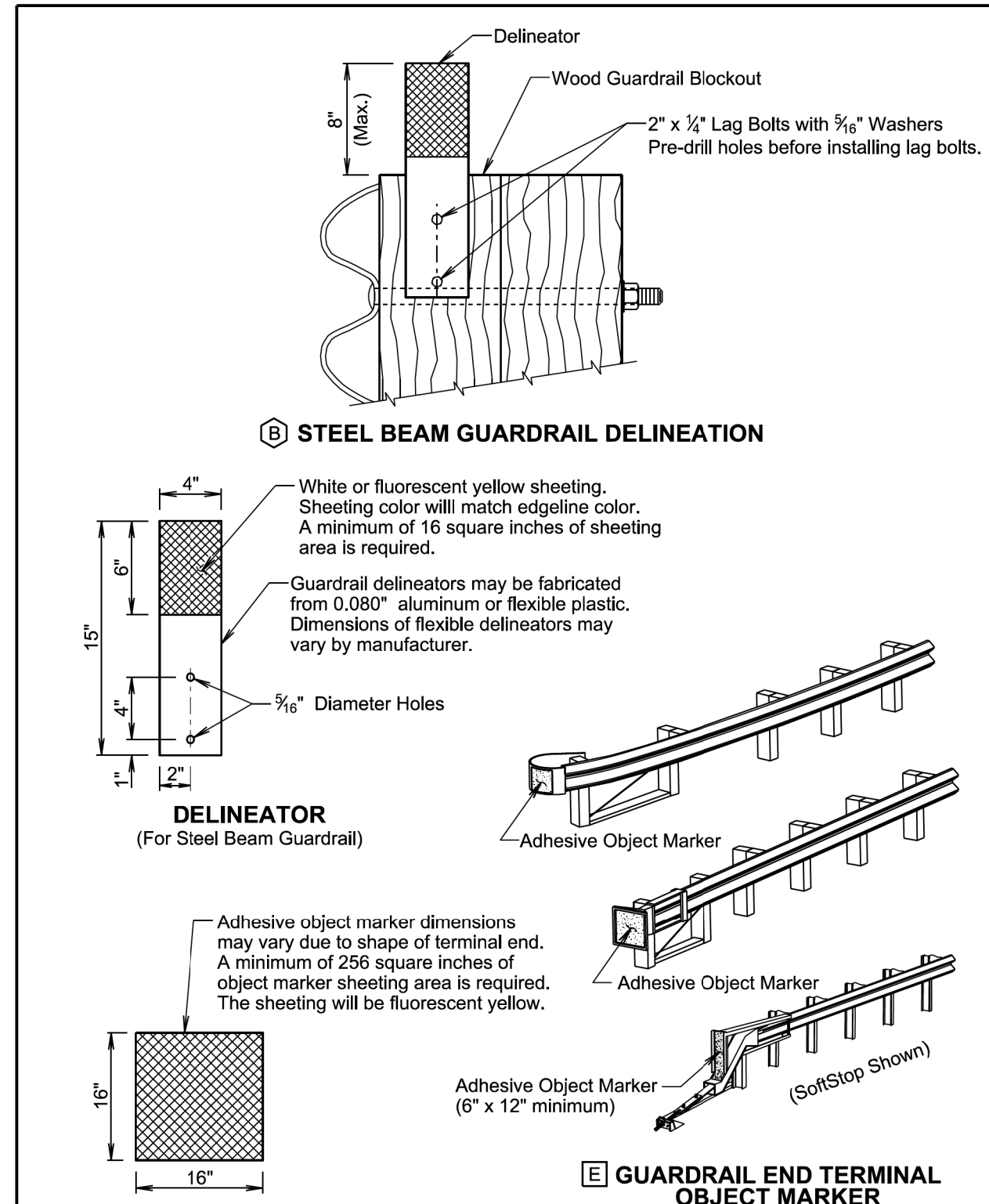
- (B) Steel Beam Guardrail Delineation
- (E) Guardrail End Terminal Object Marker
- (C) 3 Cable Guardrail (Low Tension) Delineation
- (HT) High Tension Cable Guardrail Delineation
- (M) Type 2 Object Marker

*For two-way traffic, install delineation at the opposite end of structure the same as shown. Back-to-back delineation is required for two-way traffic, single-sided delineation for one-way traffic.

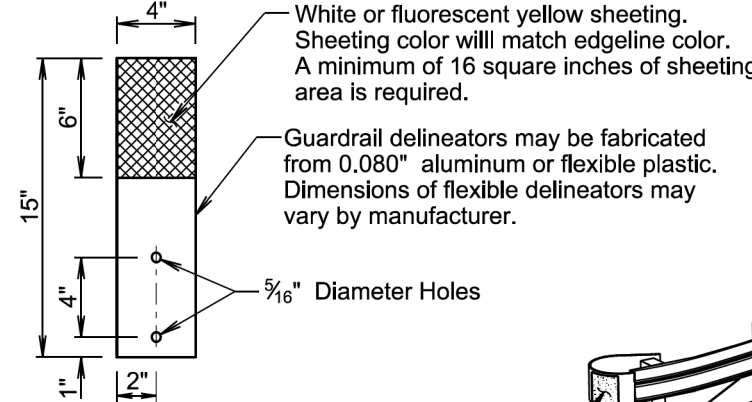
March 31, 2024

S D D O T	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
		Sheet 1 of 4

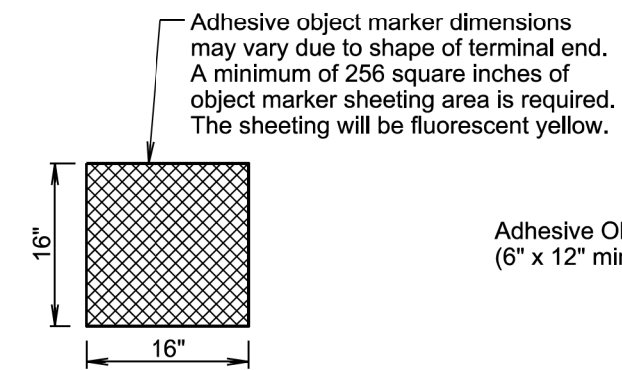
Published Date: 2025



(B) STEEL BEAM GUARDRAIL DELINEATION



DELINEATOR
(For Steel Beam Guardrail)



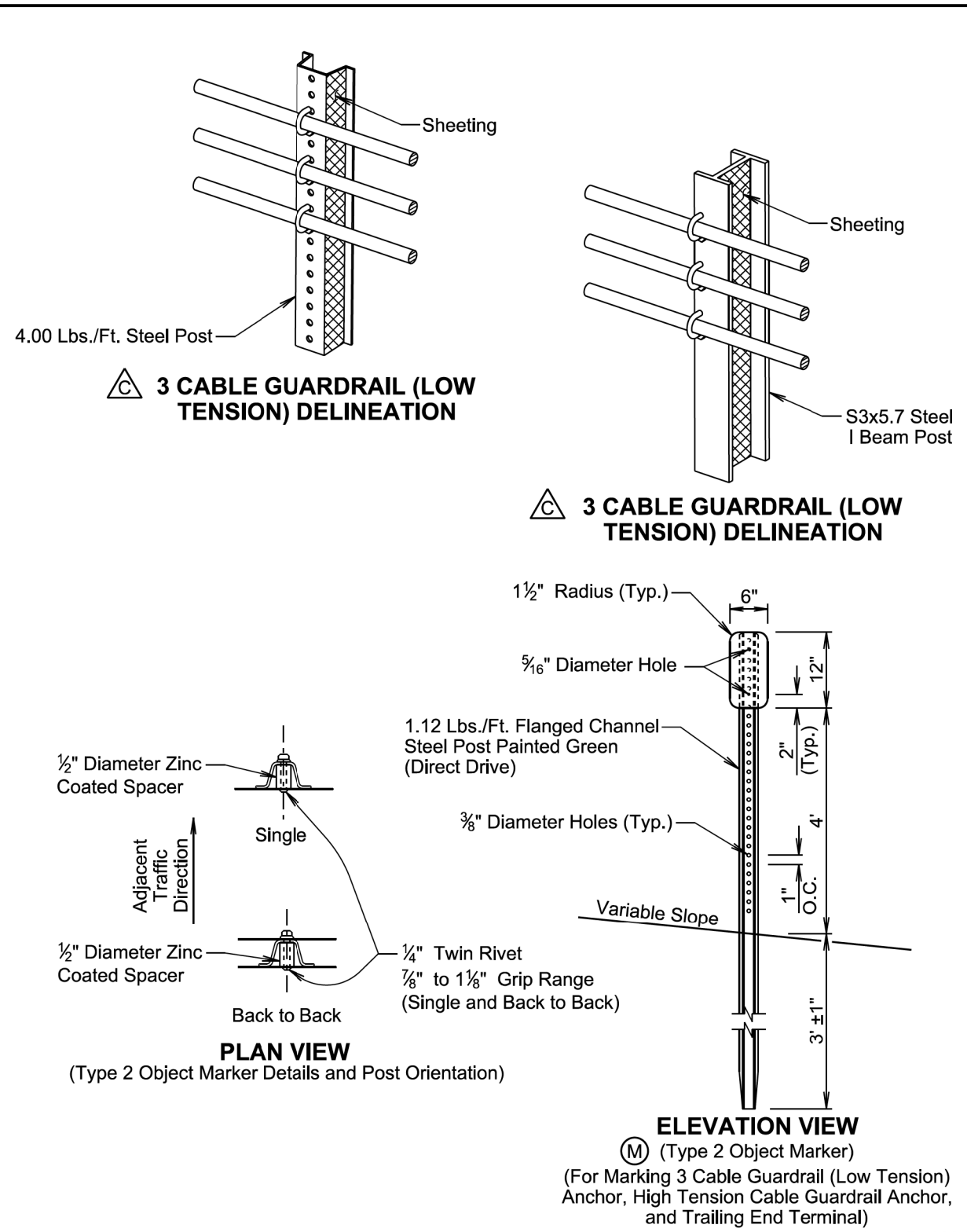
ADHESIVE OBJECT MARKER

(E) GUARDRAIL END TERMINAL OBJECT MARKER

March 31, 2024

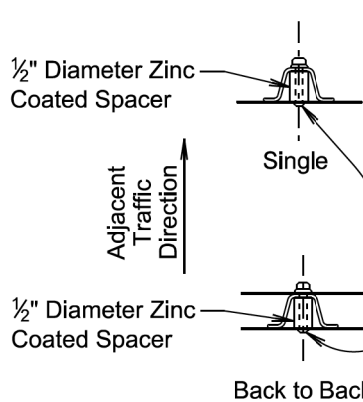
S D D O T	DELINEATION GUARDRAIL	PLATE NUMBER 632.40
		Sheet 2 of 4

Published Date: 2025

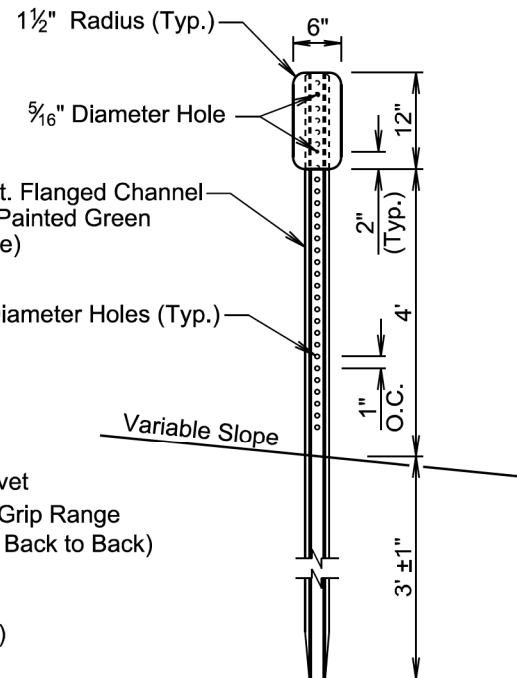


C 3 CABLE GUARDRAIL (LOW TENSION) DELINEATION

C 3 CABLE GUARDRAIL (LOW TENSION) DELINEATION



PLAN VIEW
(Type 2 Object Marker Details and Post Orientation)



ELEVATION VIEW
M (Type 2 Object Marker)
(For Marking 3 Cable Guardrail (Low Tension) Anchor, High Tension Cable Guardrail Anchor, and Trailing End Terminal)

March 31, 2024

Published Date: 2025	S D D O T	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
			Sheet 3 of 4

GENERAL NOTES:

The delineation of high tension cable guardrail will be reflective sheeting placed back to back on every third post cap or cable spacer. Maximum spacing of delineation will not exceed 35 feet. The sheeting will be type XI in conformance with ASTM D4956. The color of the reflective sheeting will be the same as the nearest pavement marking.

The delineators for steel beam guardrail and sheeting on 3 cable guardrail (low tension) posts will be covered with a minimum of 16 square inches of reflective sheeting. The reflective sheeting will be type XI in conformance with ASTM D4956. Along two-way roadways the sheeting will be on both sides of the delineators and guardrail posts and will be white in color. For one-way roadways the sheeting will only be required on the side facing traffic and the color will be the same as the nearest pavement marking, yellow on the left side of the roadway and white on the right side.

When steel beam guardrail is attached to a bridge the first delineator will be attached to the post nearest the bridge.

At bridges with guardrail less than 200 feet in length, a minimum of 4 delineators will be placed in addition to the end terminal yellow object marker. The spacing between the delineators will be approximately one third of the length of the guardrail.

At bridges with guardrail 200 feet and greater in length, including bridges that have steel beam guardrail transitioning to 3 cable guardrail (low tension), the delineators will be placed at a spacing of approximately 50 feet. Delineation will extend throughout the length of the guardrail system.

Steel beam guardrail that is not attached to a bridge and is less than 200 feet in length, a minimum of 4 delineators will be placed in addition to the end terminal yellow object markers. The spacing between the delineators will be approximately one third of the length of the guardrail.

Steel beam guardrail that is not attached to a bridge and is 200 feet and greater in length, including steel beam guardrail transitioning to 3 cable guardrail (low tension), the delineators will be placed at a spacing of approximately 50 feet. Delineation will extend throughout the length of the guardrail system.

All costs for furnishing and installing single or back to back guardrail delineation on 3 cable guardrail and steel beam guardrail will be included in the contract unit price per each for "Guardrail Delineator".

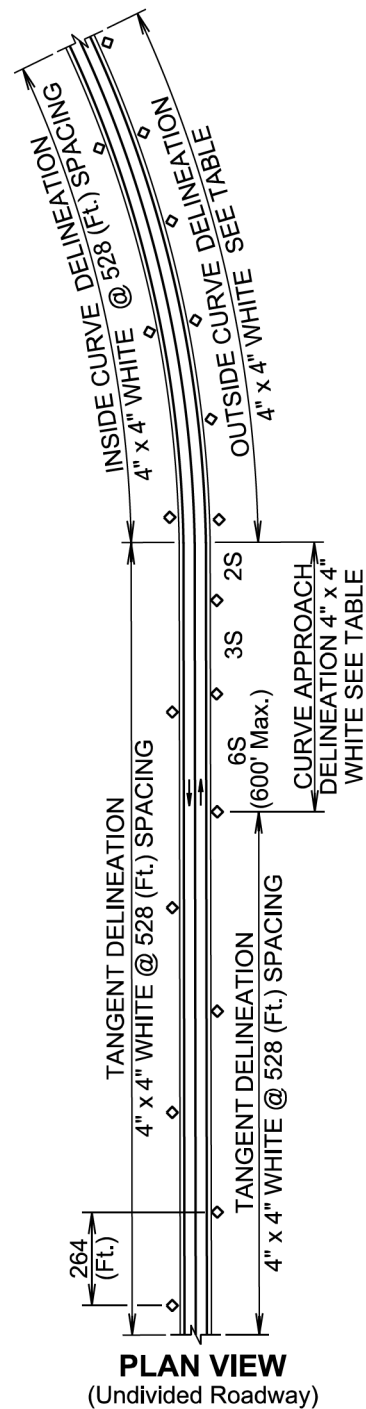
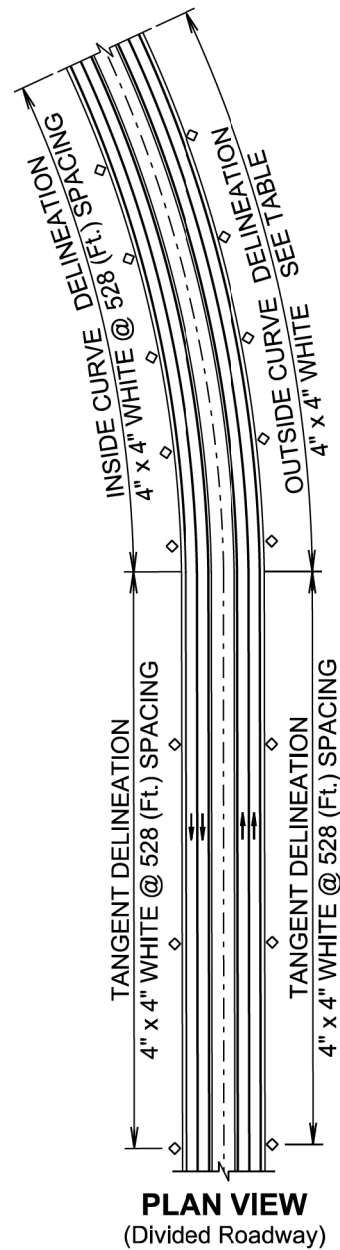
All costs for furnishing and installing the reflective sheeting on the cable spacers or post caps for the high tension cable guardrail will be incidental to the respective high tension cable guardrail contract item.

An adhesive object marker will be placed on the end of the W beam guardrail or MGS end terminal. The adhesive object marker dimensions may vary due to the shape of the terminal end. A minimum of 256 square inches of object marker reflective sheeting area is required on end terminals with sufficient surface area. Other end terminals (SoftStop) will require an adhesive object marker with a minimum size of 6" x 12". The reflective sheeting will be fluorescent yellow type XI sheeting in conformance with ASTM D4956. All costs for furnishing and installing the adhesive object marker will be incidental to various contract items.

A type 2 object marker will be placed adjacent to the 3 cable guardrail (low tension) anchor, high tension cable guardrail anchor, and trailing end terminal at the location noted on sheet 1 of this standard plate. The type 2 object marker (6" x 12") will have fluorescent yellow type XI sheeting in conformance with ASTM D4956. All costs for furnishing and installing the type 2 object marker including the steel post, 6" x 12" reflective panel, and hardware will be included in the contract unit price per each for "Type 2 Object Marker" for single-sided and "Type 2 Object Marker Back to Back" for back to back type 2 object markers.

March 31, 2024

Published Date: 2025	S D D O T	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
			Sheet 4 of 4



March 31, 2024

March 31, 2024

Published Date: 2025

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DELINEATOR INSTALLATION SPACING

PLATE NUMBER
632.46

Sheet 1 of 2

GENERAL NOTES:

Delineators will be located from 2 to 8 feet outside of the outer edge of shoulder. When a roadside barrier or other obstruction intrudes into the space between the pavement edge and the extension of the line of delineators, the delineators should be in line with the barrier or in line with the innermost edge of the obstruction.

When normal spacing is interrupted by driveways, crossroads, or approaches, delineators falling within such areas may be moved in either direction a distance not exceeding one-quarter of the standard spacing. Delineators still falling within such areas should be eliminated.

The spacing for specific radii may be interpolated from the table. The minimum spacing should be 20 feet. The spacing on curves should not exceed 300 feet. In advance of or beyond a curve, and proceeding away from the end of the curve, the spacing of the first delineator is 2S, the second 3S, and the third 6S, but not to exceed 300 feet. S refers to the delineator spacing for specific radii computed from the formula $S = 3\sqrt{R - 50}$. The distances for S shown in the table were rounded to the nearest 5 feet.

Curve approach delineation is not required if curve delineation spacing exceeds 100 ft.

Back-to-back delineation is required for two-way traffic, single-sided delineation for one-way traffic.

DELINEATOR SPACING OUTSIDE CURVE				
Radius of Curve (Ft.)	Curve Delineator Spacing (Ft.)	Curve Approach Spacing (Ft.)		
		A	B	C
50	20	40	65	125
115	25	50	75	150
150	30	60	90	180
180	35	70	110	215
250	40	85	125	250
300	45	95	140	285
400	55	110	170	300
500	65	125	190	300
600	70	140	210	300
700	75	150	230	300
800	80	165	245	300
900	85	175	260	300
1000	90	185	275	300

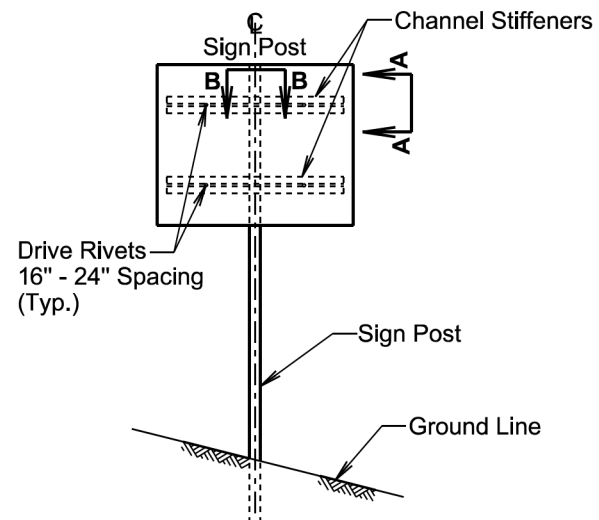
Published Date: 2025

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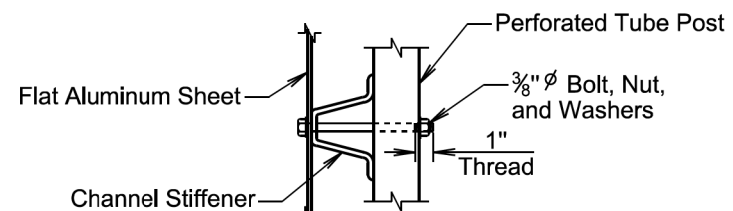
DELINEATOR INSTALLATION SPACING

PLATE NUMBER
632.46

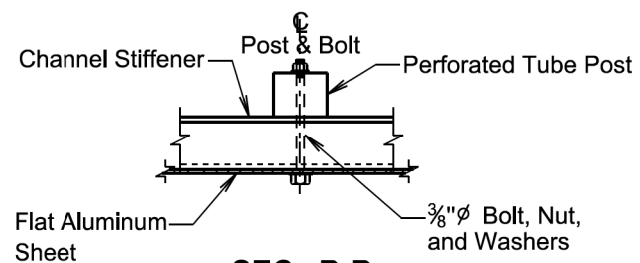
Sheet 2 of 2



ELEVATION VIEW
(One post breakaway sign supports.)



SEC. A-A



SEC. B-B

(Typical sign and stiffener details.)

ϕ A plastic washer, as recommended by the sheeting manufacturer, will be installed between the sign face and the metal washer shown.

November 19, 2020

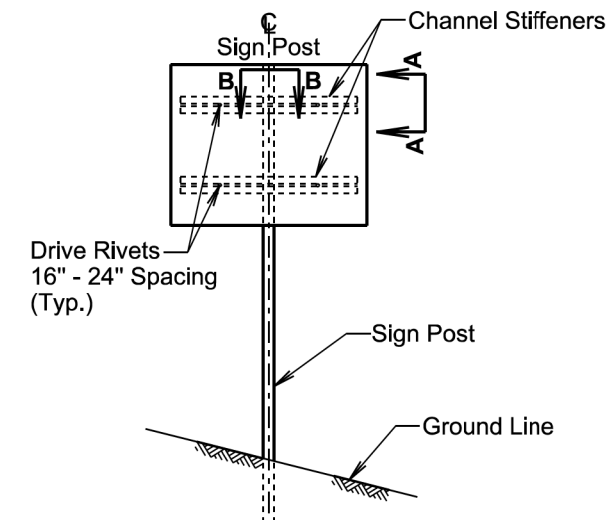
Published Date: 2025

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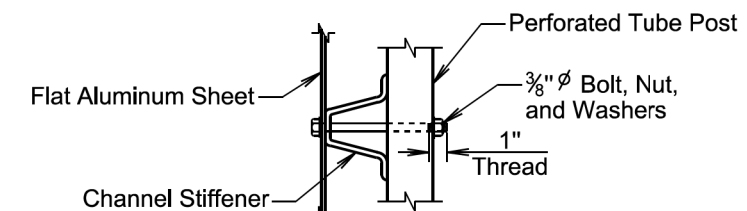
SIGN STIFFENER DETAILS

PLATE NUMBER
632.60

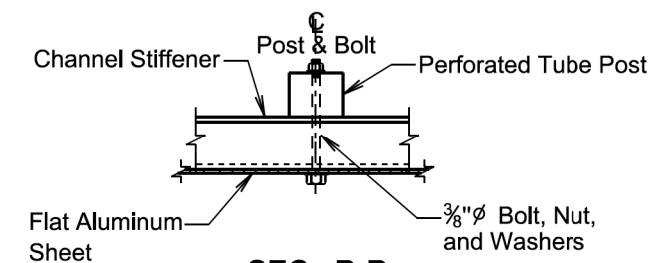
Sheet 1 of 2



ELEVATION VIEW
(One post breakaway sign supports.)



SEC. A-A



SEC. B-B

(Typical sign and stiffener details.)

ϕ A plastic washer, as recommended by the sheeting manufacturer, will be installed between the sign face and the metal washer shown.

November 19, 2020

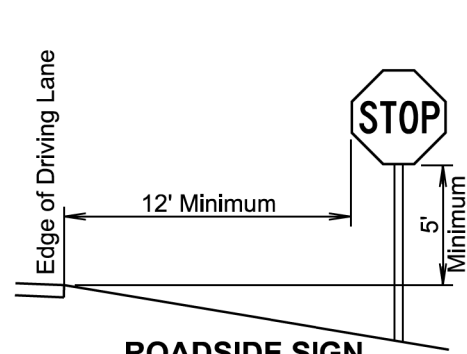
Published Date: 2025

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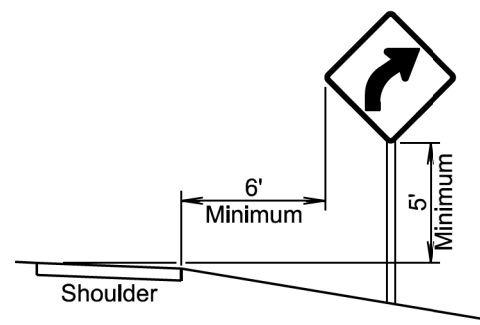
SIGN STIFFENER DETAILS

PLATE NUMBER
632.60

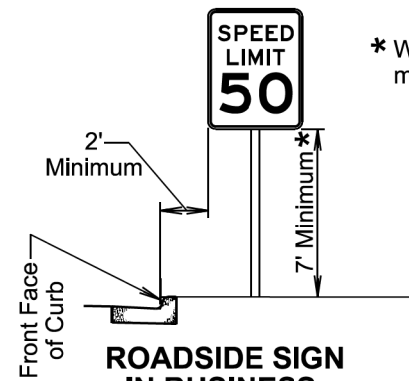
Sheet 1 of 2



**ROADSIDE SIGN
IN RURAL AREA**

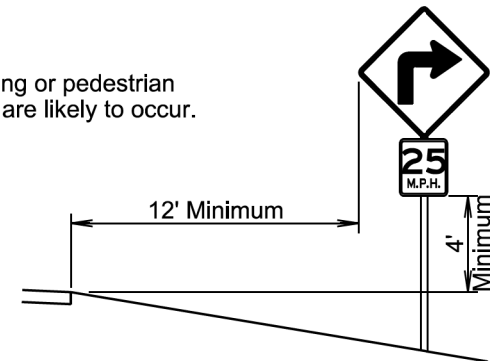


**ROADSIDE SIGN
IN RURAL AREA**
(If shoulder width is greater than 6 foot)

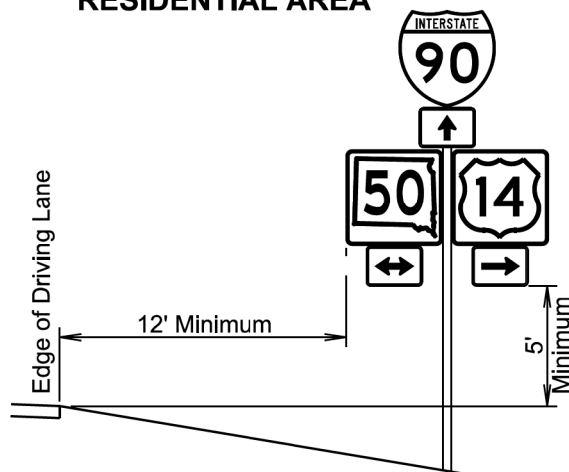


**ROADSIDE SIGN
IN BUSINESS,
COMMERCIAL, OR
RESIDENTIAL AREA**

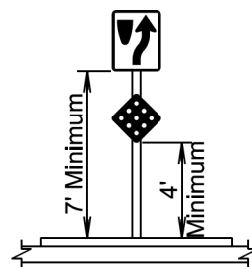
* Where parking or pedestrian movements are likely to occur.



**WARNING SIGN ADVISORY
SPEED PLAQUE IN RURAL AREA**



**ROADSIDE SIGN
IN RURAL AREA**



**SIGN ON NOSE
OF MEDIAN**

November 19, 2020

Published Date: 2025

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OFFSETS FOR SIGN INSTALLATION

PLATE NUMBER
632.90

Sheet 1 of 1