

Meade County
P 7668(05)
PCN 04AE

A Pre-Bid meeting will be held in Sturgis at the Sturgis Fire Hall (1901 Ballpark Road) from 10:00am to 12:00pm MT on Thursday, February 18, 2016. All interested parties are strongly encouraged to attend.

SECTION S: PERMANENT SIGNING

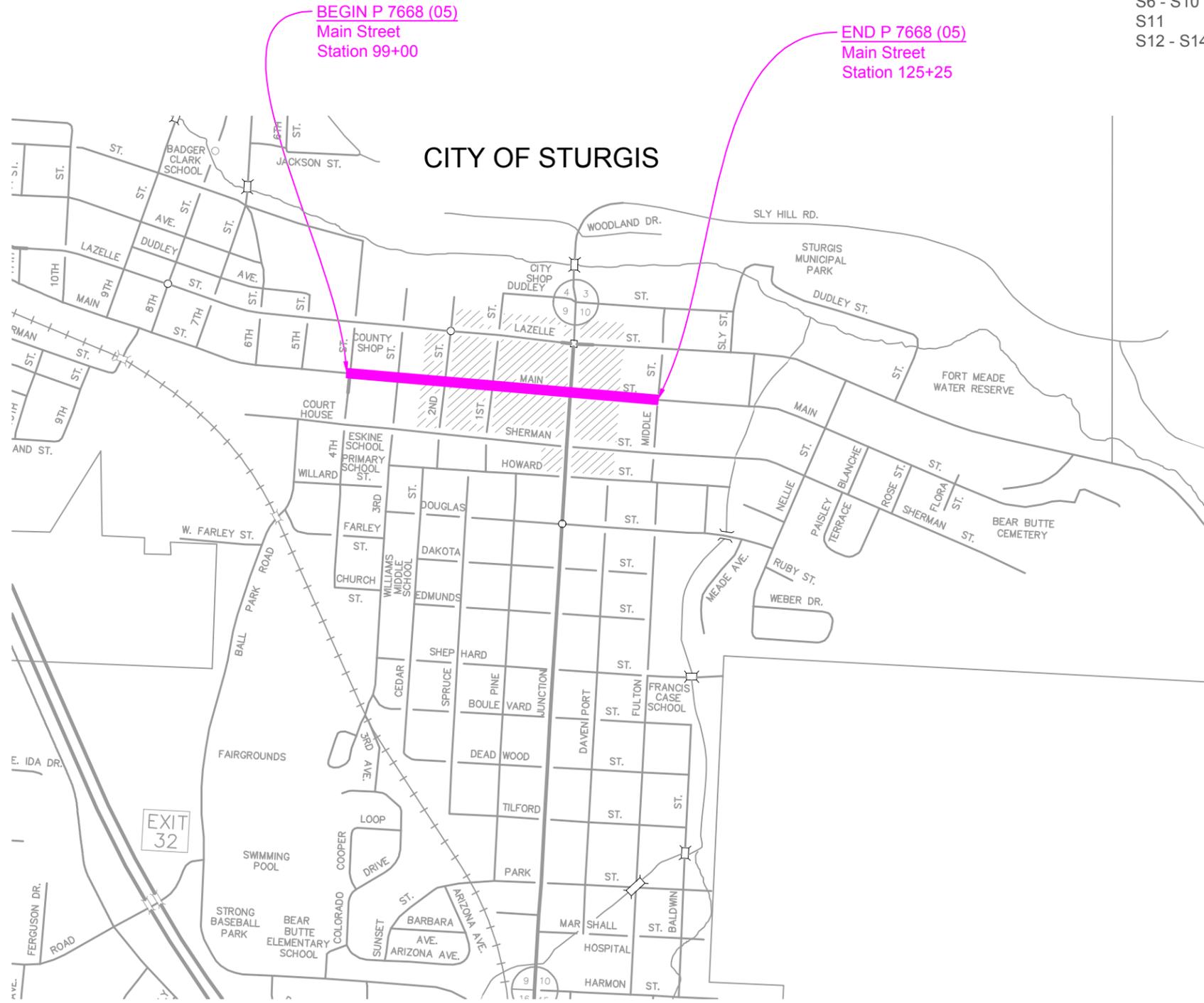
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S1	S14

Plotting Date: 10/15/2015

INDEX OF SHEETS

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SECTION S - ESTIMATE OF QUANTITIES & PERMANENT SIGNING NOTES

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA FOURFRONT Plotting Date: 12/11/2015	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S2	S14

REVISED 12-10-15

Bid Item Number	Item	Quantity	Unit
110E0130	Remove Traffic Sign	55	Each
110E5020	Salvage Traffic Sign	13	Each
632E1320	2.0" x 2.0" Perforated Tube Post	88.0	Ft
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	38.3	SqFt
632E3520	Remove, Salvage, Relocate, and Reset Traffic Sign	43	Each
900E2030	Miscellaneous Work	1	Site

PERMANENT SIGNING

The City of Sturgis shall furnish all Street Signs (D3-1) to the Contractor for Installation. The cost for installation is incidental to the various contract items.

Rick Bush
Public Works Director - City of Sturgis
1040 Harley-Davidson Way
Sturgis, SD 57785
(605) 347-3916

All existing signs, posts, and hardware removed as per these plans remain property of the City of Sturgis and shall be transported to a local location as directed by the local contact. The Contractor shall notify the local contact two days prior to time of delivery so correct placement for storage and inventory of materials can be made upon receipt.

The Contractor shall provide all labor and equipment necessary to install permanent signing, remove existing signs, and reset existing signs as detailed in these plans and/or as required by the Engineer. Payment for furnishing and installing permanent signs will be paid for at the contract unit price for each type of sign based on sheeting requirements per square foot of sign. All signs shall have Type IV sheeting as per ASTM designation D4956. Payment for new signposts, hardware, bases, and labor will be made at the contract unit price per foot for 2.0" x 2.0" Perforated Tube Post. See breakaway post details and fixed post details regarding posts, hardware, bases, and footings. Measurement of post lengths for payment will be for above ground post lengths as field measured. The sign post contract items shall include post bases and all hardware. The lengths of the posts in the sign tables are approximate lengths only. The post lengths shall be verified by the Contractor. The Contractor is urged to cut posts to length on job site after verification of post length. The installation height of the signs shall not exceed the minimum by more than 0.5 feet.

The Contractor shall stake the signs and the Engineer will verify the location prior to installation. If a reference location is provided, the Contractor shall reset the measuring device to the reported reference distance provided prior to continuing to stake sign locations. The lateral distance from the roadway and the height of the sign shall be established by the Contractor according to the Standard Plates and Special Details in the plans and the MUTCD.

When signs are vertically mounted in succession, they shall be 1-2 inches apart. Lateral placement of signs shall be determined by the Engineer.

The Contractor shall coordinate work such that traffic cannot see both an existing sign and a new sign without work actually in progress at that location. If removal of existing signs cannot be completed at the same time as the installation of new signs, the Contractor shall adequately cover the existing sign prior to leaving that specific work site.

EXISTING TRAFFIC SIGNS

The Contractor shall remove, salvage, or relocate signs, posts, and bases as shown in the Table of Permanent Signing. All existing posts, bases, and signs listed in the table that are scheduled for removal or salvage shall be dismantled and delivered to the City of Sturgis and salvaged signs shall be stockpiled separately from removal signs. All bolts, nuts, and washers shall be placed in individual 5-gallon pails. Backing materials shall be separated from the signs and the Aluminum U-Channel may be reused at the Contractor's discretion and upon approval of the Engineer. Wooden posts shall be carefully removed to avoid damage and cleaned of excess dirt and neatly stockpiled separately from the steel posts. The resultant holes in the ground from removal of wooden posts shall be backfilled to the satisfaction of the Engineer.

All costs for labor and equipment necessary to remove, dismantle, backfill holes (wooden posts only) and deliver existing signs to the City and shall be included in the contract unit price per each for "Remove Traffic Sign", "Salvage Traffic Sign", or "Remove, Salvage, Relocate, and Reset Traffic Sign".

All costs for labor and equipment necessary to remove and deliver posts to the respective owner shall be incidental to the contract unit price per each for "Remove Traffic Sign", "Salvage Traffic Sign", or "Remove, Salvage, Relocate, and Reset Traffic Sign".

REMOVE TRAFFIC SIGN

Signs that are scheduled for Removal shall be stockpiled for the owner to recycle separately from salvaged signs.

SALVAGE TRAFFIC SIGN

Signs that are scheduled for Salvage shall be stockpiled for owner reuse separately from removal signs. Signs specified to be salvage shall be handled with care so that the sign is not damaged during removal or transport. The Contractor shall replace any salvage signs damaged in their care at no cost to the State.

REMOVE, SALVAGE, RELOCATE, AND RESET TRAFFIC SIGN

Signs that are scheduled for Relocate and Reset shall be dismantled and reassembled to the extent needed by the Contractor to properly reset the sign. Signs shall be handled with care so that the sign, post, and base is not damaged during the relocation process. The Contractor shall replace any salvage signs damaged in their care at no cost to the State. The Contractor shall remove and deliver existing posts to the respective owners for all relocate signs that require use of new posts as per the Table of Permanent Signing.

PERFORATED TUBE POST

The Contractor shall use Telespar brand (or equals) posts and bases on all new standard highway signs as approved by the Engineer. All post materials shall conform to Section 982 of the Specifications, and be in accordance with ASTM specifications. Signs designated as requiring a shear slip base shall have a 4 foot long base assembly with a shear breakaway base connecting the base to the signpost. The height of the post shall not exceed the minimum height needed by more than 0.5 feet. Any portion that extends above the sign shall be cut off. No separate payment will be made for cutting the post or for that length cut off. All posts and bases shall be accompanied by Certificates of Compliance and shall meet all safety standards as set forth in the current edition of the Manual on Uniform Traffic Control Devices (MUTCD).

Payment for 2.0" x 2.0" perforated tube post shall include all costs for labor, equipment, and materials necessary to complete the following work:

1. Furnishing all posts, stiffeners, breakaway bases, soil stabilizers, and hardware.
2. Assembly and installation of breakaway base sign supports as per details shown in these plans.
3. Assembly of sign(s) to sign post as per erection details for Highway Signs as shown in these plans.
4. Installation of signpost and sign(s).

HARDWARE

Aluminum U-Channel stiffeners shall be used on all standard highway signs greater than 36" in width and shall conform to Alloy 6063-T6 or 6061-T6. The U-Channel shall be 2 inches in width and free of holes. The U-Channel stiffeners shall also be used to connect various signs and perforated tube posts together so that an entire sign can be erected as a single installation. Stiffeners may be fastened to signs by use of 1/4" drive rivets with a minimum of one on each end and one centered between each post. Installation of the stiffeners shall be incidental to other contract items.

All perforated tube signpost base material shall be fastened with 5/16" diameter corner bolts (Grade 2).

All sign assemblies mounted in concrete surfacing shall utilize a flush mount breakaway post base.

MISCELLANEOUS WORK

Contractor shall install the Temporary Sign Base at Sta. 117+61.87-18.5' R. All post material shall conform to Section 982 of the Specifications, and be in accordance with ASTM specifications. No separate payment shall be made for cutting the post for that length cut off. All posts and bases shall be accompanied by Certificate of Compliance and shall meet all safety standards as set forth in the current edition of the Manual on uniform Traffic Control Devices (MUTCD).

Payment for Temporary Sign Base shall be made under bid item for Miscellaneous Work and include all costs for labor, equipment, and materials necessary to complete the following work:

1. Furnishing 2.0" x 2.0" perforated tube post, valve box, valve box cap with no label, and concrete grout.
2. Assembly and installation of valve box and post as per details shown in these plans.

Concrete grout shall be QUIKRETE Non-Shrink Precision Grout or equal.



FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S3	S14

Plotting Date: 10/16/2015

FURNISH & INSTALL FLAT ALUMINUM SIGNS / NON-REMOVABLE COPY HIGH INTENSITY & SUPER/VERY HIGH INTENSITY

The payment for new signs in the Table of Permanent Signing shall include all labor (including installing date decals), equipment, and materials to complete the work, and shall be paid for at the contract unit price per square foot for "Flat Aluminum Sign / Nonremovable Copy High Intensity".

SHEETING REQUIREMENTS

All signs, except as noted below, shall have High Intensity Prismatic retroreflective background, Type IV as per ASTM designation D4956. The following signs shall have micro-cube corner prismatic reflectorized background. The warning signs shall have a fluorescent yellow background. All school zone signs shall utilize a fluorescent yellow-green color where applicable.



SECTION S - PERMANENT SIGNING TABLE

FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA

Plotting Date: 10/16/2015

PROJECT
P 7668 (05)

SHEET
S4

TOTAL SHEETS
S14

PERMANENT SIGNING TABLE

Old Station	New Station	SIGN								POST				Description	Remarks
		Width (Inches)	Height (Inches)	Sign Code	Facing Traffic	New Sign	Remove Existing	Square Footage	Sheeting Type	New Post	Length (FT)	Size (IN)	#		
100+18.73 - 17.86' R	100+18.73 - 17.86' R	12	18	R7-3	Eastbound	No	Yes			No				(2) No Parking Sign	Remove and Reset Sign and Post
100+44.50 - 29.81' L	100+54.50 - 29.84' L	12	18	R7-3	Westbound	No	Yes			No				(2) No Parking Sign	Remove and Reset Sign and Post
100+58.03 - 18.02' R	100+57.36 - 16.90' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
100+58.03 - 18.02' R	100+57.36 - 16.90' R	12	18	--	Westbound	No	Yes			No				Law Enforcement Vehicles Only Sign	Remove and Reset Sign and Post
100+62.89 - 44.89' R	100+62.89 - 44.89' R	12	18	--	Westbound	No	Yes			No				Law Enforcement Vehicles Only Sign	Remove and Reset Sign and Post
100+74.02 - 44.85' L	100+76.34 - 40.91' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
100+74.02 - 44.85' L	100+76.34 - 40.91' L	12	18	R7-3	Southbound	No	Yes			No				No Parking Sign	Remove and Reset Sign and Post
100+74.02 - 44.85' L	100+76.34 - 40.91' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St)	Remove and Replace Sign and Post
100+74.02 - 44.85' L	100+76.34 - 40.91' L	22	9	D3-1	East - Westbound	No	Yes			No				Street Sign (4th St.)	Remove and Replace Sign and Post
101+19.00 - 41.92' R	101+12.46 - 37.19' R	30	30	R1-1	Northbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
101+19.00 - 41.92' R	101+12.46 - 37.19' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
101+19.00 - 41.92' R	101+12.46 - 37.19' R	22	9	D3-1	East - Westbound	No	Yes			No				Street Sign (4th St.)	Remove and Replace Sign and Post
101+31.89 - 29.73' L	101+33.60 - 15.38' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
--	102+15.29 - 28.50' L	12	18	R7-8	Westbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
--	103+92.20 - 28.46' R	12	18	R7-8	Eastbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
104+30.21 - 15.88' R	104+30.21 - 15.88' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
104+42.20 - 42.33' L	104+48.00 - 40.48' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
104+42.20 - 42.33' L	104+48.00 - 40.48' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
104+42.20 - 42.33' L	104+48.00 - 40.48' L	30	9	D3-1	East - Westbound	No	Yes			No				Street Sign (3rd St.)	Remove and Replace Sign and Post
104+85.31 - 67.64' L	--	12	18	R7-8	Northbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
104+91.29 - 42.45' R	104+79.55 - 40.45' R	30	30	R1-1	Northbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
104+91.29 - 42.45' R	104+79.55 - 40.45' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
104+91.29 - 42.45' R	104+79.55 - 40.45' R	30	9	D3-1	East - Westbound	No	Yes			No				Street Sign (3rd St.)	Remove and Replace Sign and Post
105+01.25 - 30.12' L	104+97.48 - 15.88' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
105+22.34 - 28.93' R	--	12	18	R7-8	Eastbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
--	105+54.90 - 28.50' L	12	18	R7-8	Westbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
107+13.14 - 41.06' R	--	12	18	R7-3	Eastbound	No	Yes			No				No Parking Sign	Remove Sign and Post, Stockpile
107+32.24 - 28.88' L	--	12	18	R7-3	Westbound	No	Yes			No				No Parking Sign	Remove Sign and Post, Stockpile
--	107+54.92 - 28.50' R	12	18	R7-8	Eastbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
107+91.85 - 28.80' R	107+95.41 - 15.39' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
108+03.77 - 38.10' L	108+15.03 - 40.35' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
108+03.77 - 38.10' L	108+15.03 - 40.35' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
108+03.77 - 38.10' L	108+15.03 - 40.35' L	32	9	D3-1	East - Westbound	No	Yes			No				Street Sign (2nd St.)	Remove and Replace Sign and Post
108+06.77 - 68.82' R	--	12	18	R7-8	Southbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
108+65.95 - 38.92' R	108+57.89 - 40.46' R	30	30	R1-1	Northbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
108+06.77 - 68.82' R	108+57.89 - 40.46' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
108+65.95 - 38.92' R	108+57.89 - 40.46' R	32	9	D3-1	East - Westbound	No	Yes			No				Street Sign (2nd St.)	Remove and Replace Sign and Post
108+65.50 - 58.04' L	--	12	18	R7-8	Northbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
108+78.50 - 29.25' L	108+77.72 - 15.38' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post

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SECTION S - PERMANENT SIGNING TABLE

FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S5	S14

Plotting Date: 12/11/2015

REVISED 12-10-15

PERMANENT SIGNING TABLE															
Old Station	New Station	SIGN								POST				Description	Remarks
		Width (Inches)	Height (Inches)	Sign Code	Facing Traffic	New Sign	Remove Existing	Square Footage	Sheeting Type	New Post	Length (FT)	Size (IN)	#		
--	109+08.05 - 28.50' L	12	18	R7-8	Westbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
--	111+33.82 - 28.50' R	12	18	R7-8	Eastbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
111+42.16 - 29.26' L	--	12	18	R7-8	Westbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
111+67.81 - 18.44' R	111+67.17 - 15.38' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
111+79.71 - 50.59' R	--	12	18	R7-3	Southbound	No	Yes			No				No Parking Sign	Remove Sign and Post, Stockpile
111+79.30 - 38.42' L	111+84.97 - 40.48' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
111+79.30 - 38.42' L	111+84.97 - 40.48' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
111+79.30 - 38.42' L	111+84.97 - 40.48' L	20	9	D3-1	East - Westbound	No	Yes			No				Street Sign (1st St.)	Remove and Replace Sign and Post
112+31.73 - 42.49' R	112+25.63 - 40.44' R	30	30	R1-1	Northbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
112+31.73 - 42.49' R	112+25.63 - 40.44' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
112+31.73 - 42.49' R	112+25.63 - 40.44' R	20	9	D3-1	East - Westbound	No	Yes			No				Street Sign (1st St.)	Remove and Replace Sign and Post
112+31.24 - 51.83' R	--	12	18	R7-8	Northbound	No	Yes			No				No Parking Sign	Remove Sign and Post, Stockpile
112+31.24 - 51.83' R	--	12	18	R7-3	Northbound	No	Yes			No				Reserved Parking Sign	Remove Sign and Post, Stockpile
112+31.97 - 50.62' L	--	12	18	R7-8	Northbound	No	Yes			No				No Parking Sign	Remove Sign and Post, Stockpile
112+47.17 - 29.33' L	112+43.39 - 15.88' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
--	112+74.00 - 28.50' L	12	18	R7-8	Westbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
--	114+10.89 - 28.50' R	12	18	R7-8	Eastbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
--	114+71.61 - 15.88' R	36	36	R1-5	Eastbound	Yes		9.00	IV	Yes	9.5	2.0 X 2.0	1	Yield Here to Peds	Install New Sign and Post
--	114+88.60 - 15.88' L	36	36	R1-5	Westbound	Yes		9.00	IV	Yes	9.5	2.0 X 2.0	1	Yield Here to Peds	Install New Sign and Post
--	115+21.21 - 28.50' L	12	18	R7-8	Westbound	Yes		2.25	IV	Yes	8.5	2.0 X 2.0	1	Reserved Parking Sign	Install New Sign and Post
--	117+61.87 - 18.50' R	--	--	--	Eastbound	No	Yes			No				Sign Base with Cap	Install New Sign Base with Cap
117+63.23 - 29.09' R	117+61.58 - 30.21' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
117+63.23 - 29.09' R	117+61.58 - 30.21' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
117+63.23 - 29.09' R	117+61.58 - 30.21' R	34	9	D3-1	East - Westbound	No	Yes			No				Street Sign (Junction Ave.)	Remove and Replace Sign and Post
117+78.69 - 48.29' R	117+78.69 - 48.29' R	24	30	R2-1	Southbound	No	Yes			No				Speed Limit Sign	Remove and Reset Sign and Post
117+75.67 - 44.85' L	117+74.78 - 40.41' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
117+75.67 - 44.85' L	117+74.78 - 40.41' L	24	12	W16-7P	Southbound	No	Yes			No				Downward Diagonal Arrow	Remove Sign, Stockpile
118+34.94 - 44.12' L	118+34.94 - 44.12' L	12	18	I-8	Northbound	No	Yes			No				Library Sign	Remove and Reset Sign and Post
118+34.94 - 44.12' L	118+34.94 - 44.12' L	21	15	M6-1	Northbound	No	Yes			No				Directional Arrow	Remove and Reset Sign and Post
118+43.22 - 29.82' L	118+43.22 - 29.82' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
118+43.22 - 29.82' L	118+43.22 - 29.82' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
118+43.22 - 29.82' L	118+43.22 - 29.82' L	34	9	D3-1	East - Westbound	No	Yes			No				Street Sign (Junction Ave.)	Remove and Replace Sign and Post
124+36.99 - 28.04' R	124+34.48 - 15.89' R	30	30	R1-1	Eastbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
124+44.86 - 39.21' L	124+49.35 - 36.53' L	30	30	R1-1	Southbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
124+44.86 - 39.21' L	124+49.35 - 36.53' L	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
124+44.86 - 39.21' L	124+49.35 - 36.53' L	30	9	D3-1	East - Westbound	No	Yes			No				Street Sign (Middle St.)	Remove and Replace Sign and Post
124+86.56 - 33.81' R	124+81.02 - 36.56' R	30	30	R1-1	Northbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post
124+86.56 - 33.81' R	124+81.02 - 36.56' R	28	9	D3-1	North - Southbound	No	Yes			No				Street Sign (Main St.)	Remove and Replace Sign and Post
124+86.56 - 33.81' R	124+81.02 - 36.56' R	30	9	D3-1	East - Westbound	No	Yes			No				Street Sign (Middle St.)	Remove and Replace Sign and Post
124+96.14 - 23.28' L	124+97.21 - 15.89' L	30	30	R1-1	Westbound	No	Yes			No				Stop Sign	Remove and Reset Sign and Post

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PERMANENT SIGNING LAYOUT

STATE OF SOUTH DAKOTA FOURFRONT ENGINEERS	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S6	S14

Plotting Date: 10/16/2015



LEGEND



---- R1-1 (STOP SIGN)



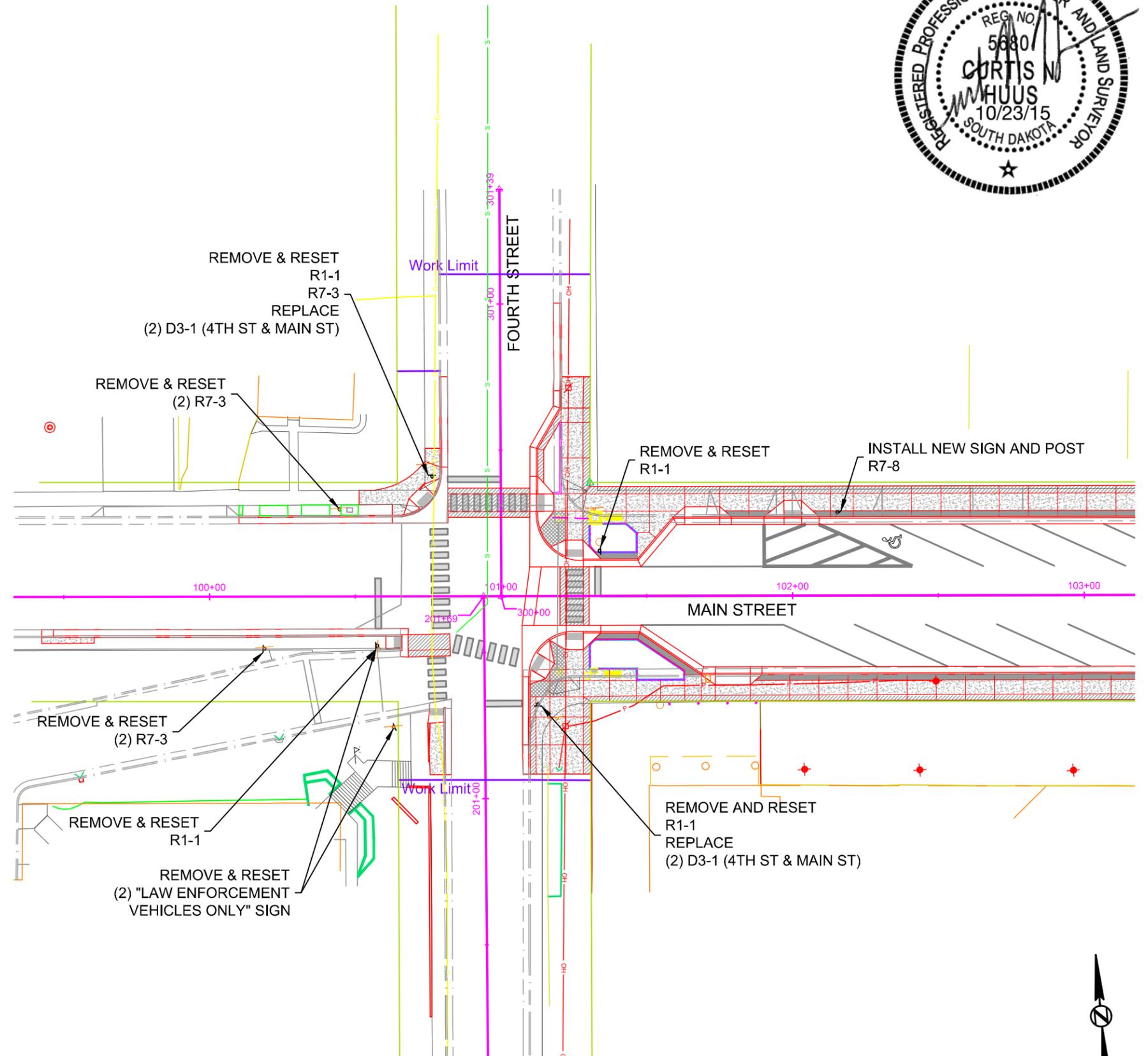
---- R7-8 (RESERVED PARKING) WITH ADDITIONAL STATE PLAQUE (REQUIRED)



---- R7-3 (NO PARKING EXCEPT SUNDAYS AND HOLIDAYS)

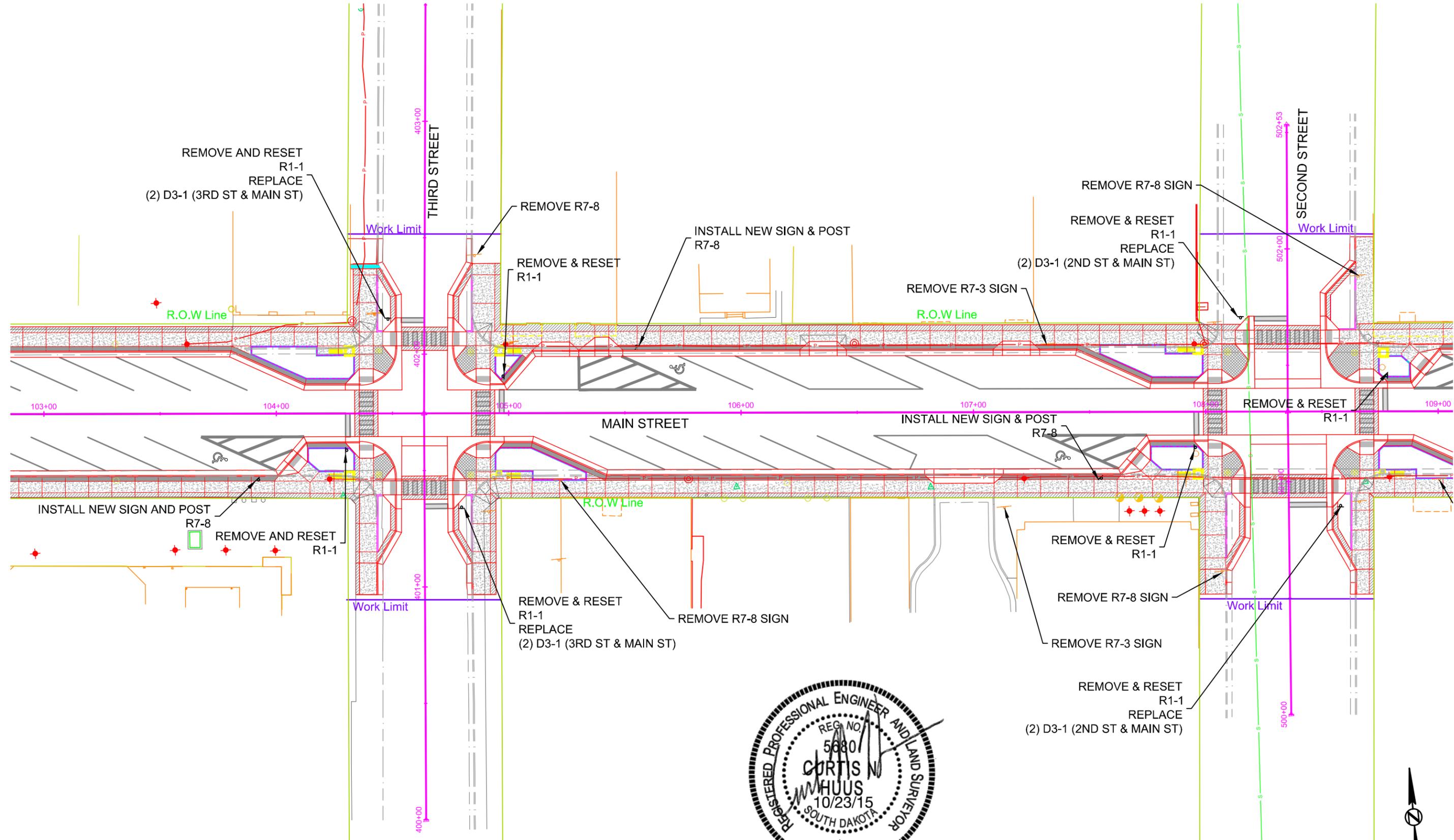


---- D3-1 (STREET NAME)



PERMANENT SIGNING LAYOUT FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA FOURFRONT ENGINEERS	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S7	S14
Plotting Date: 10/16/2015			



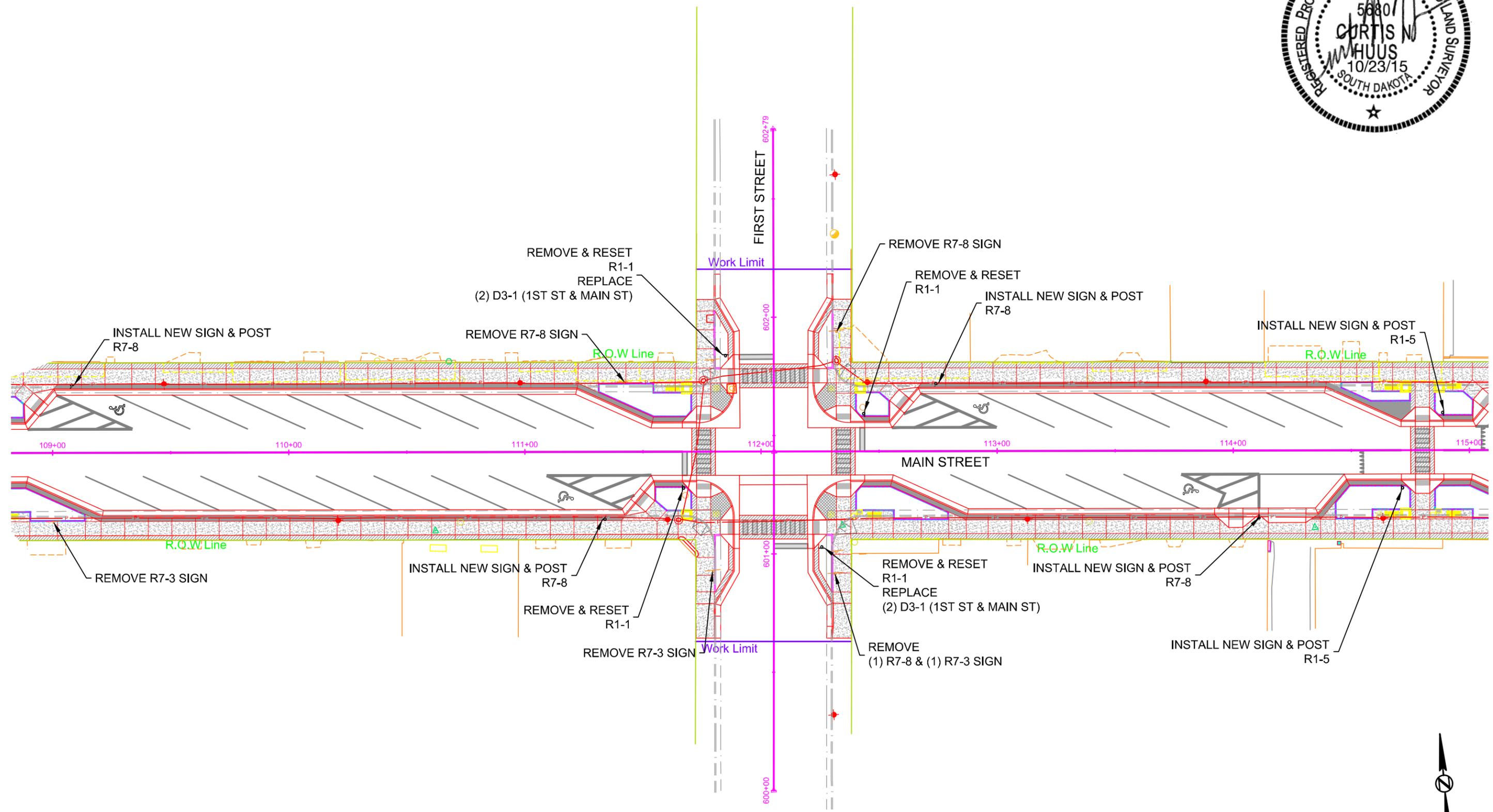
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PERMANENT SIGNING LAYOUT FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA FOURFRONT ENGINEERS	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S8	S14

Plotting Date: 10/16/2015

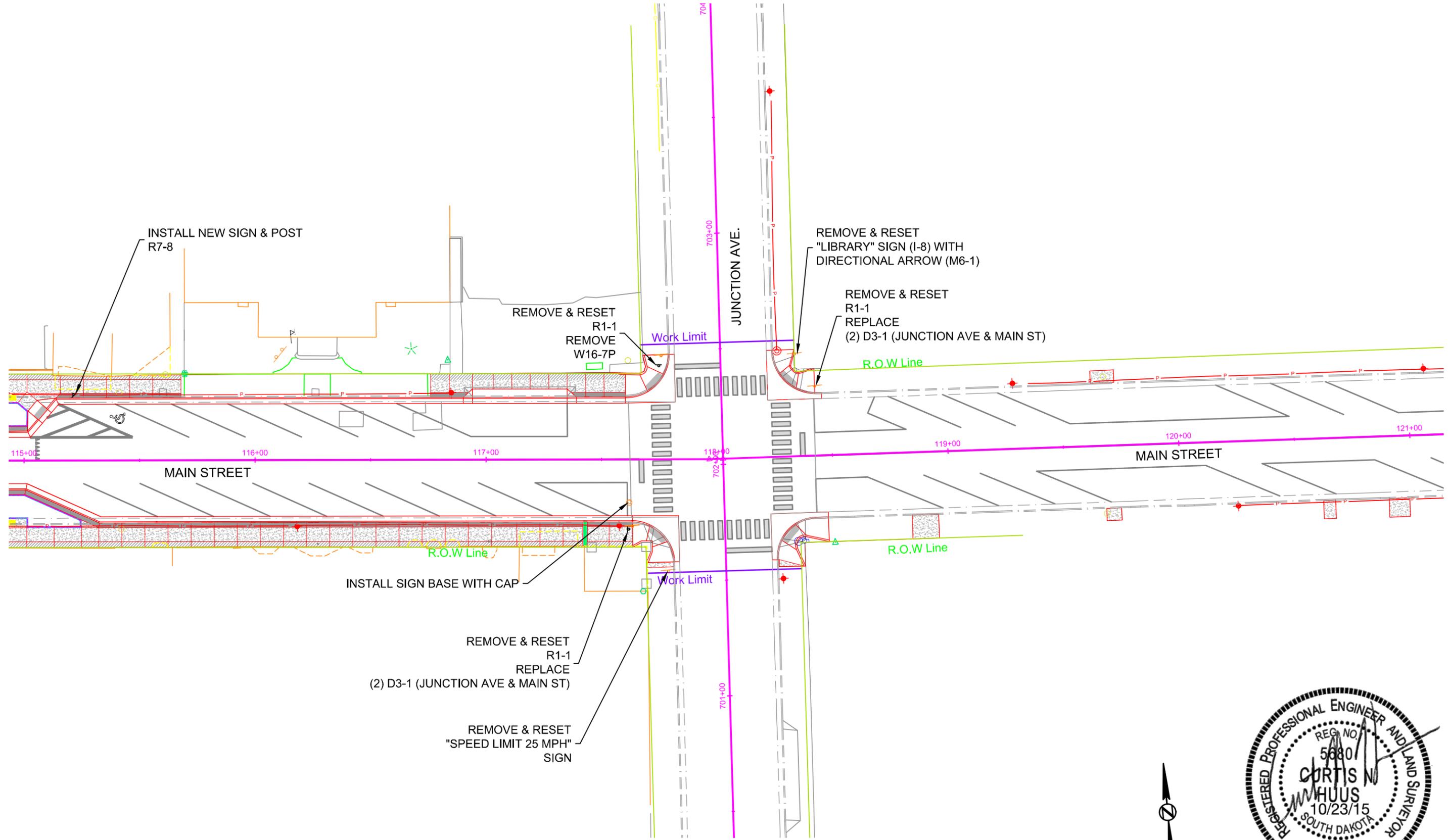


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PERMANENT SIGNING LAYOUT FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA FOURFRONT CONSULTANTS Plotting Date: 10/16/2015	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S9	S14



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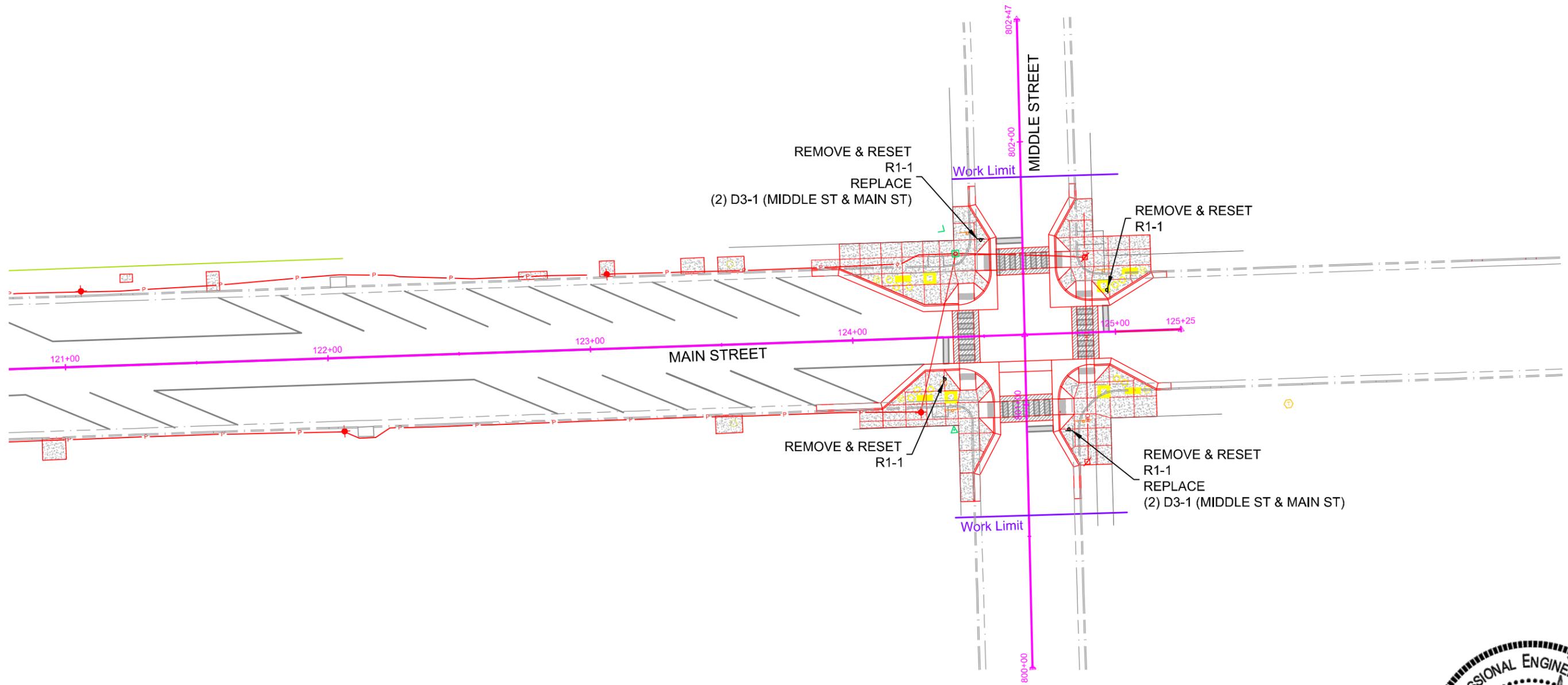
STATE OF SOUTH DAKOTA

PROJECT
P 7668 (05)

SHEET
S10

TOTAL SHEETS
S14

Plotting Date: 10/16/2015



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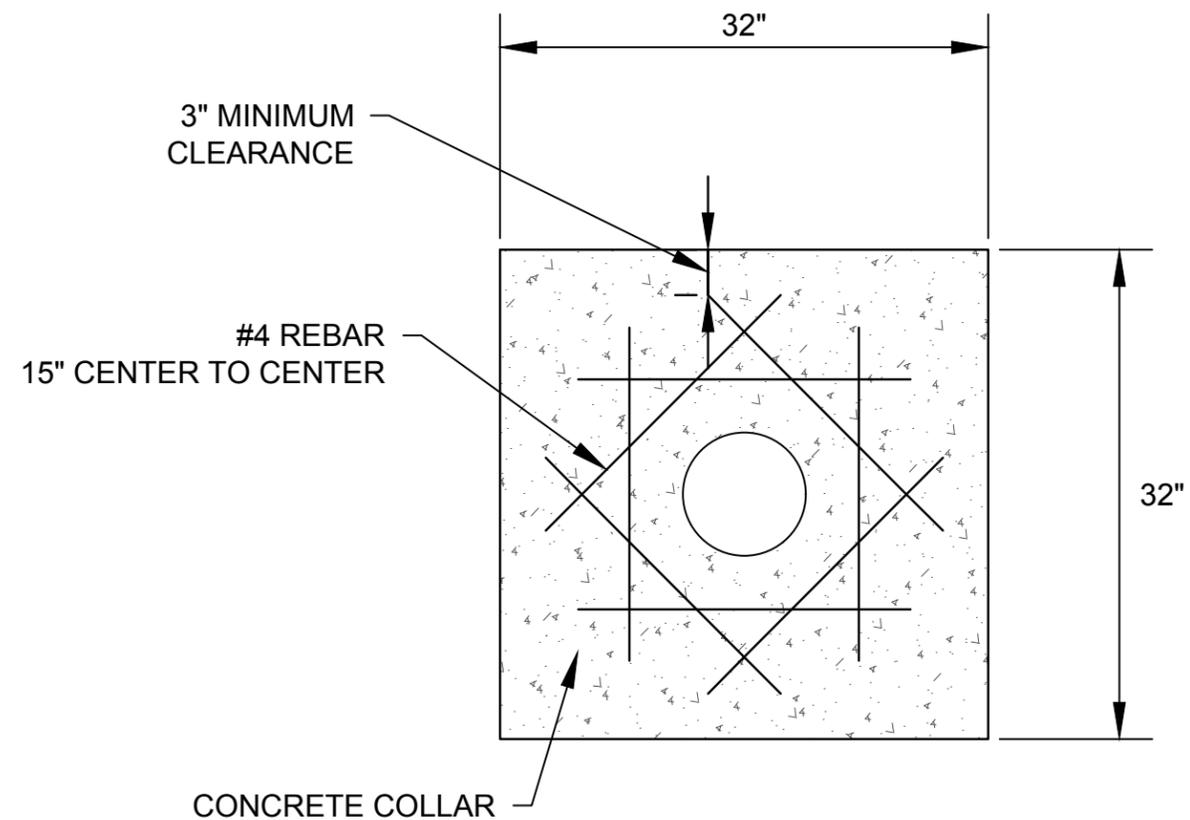
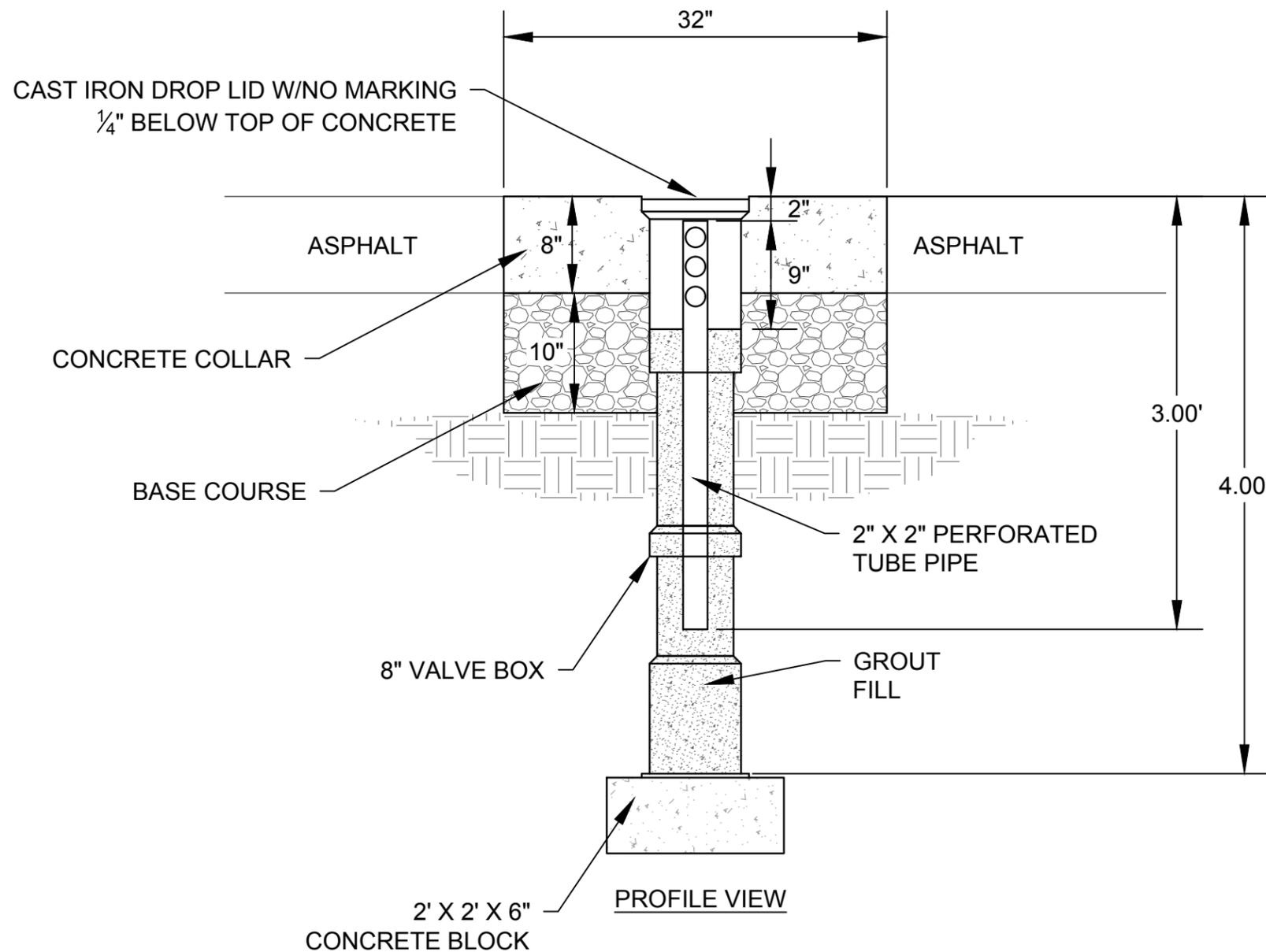


PERMANENT SIGNING SPECIAL DETAILS

FOR BIDDING PURPOSES ONLY

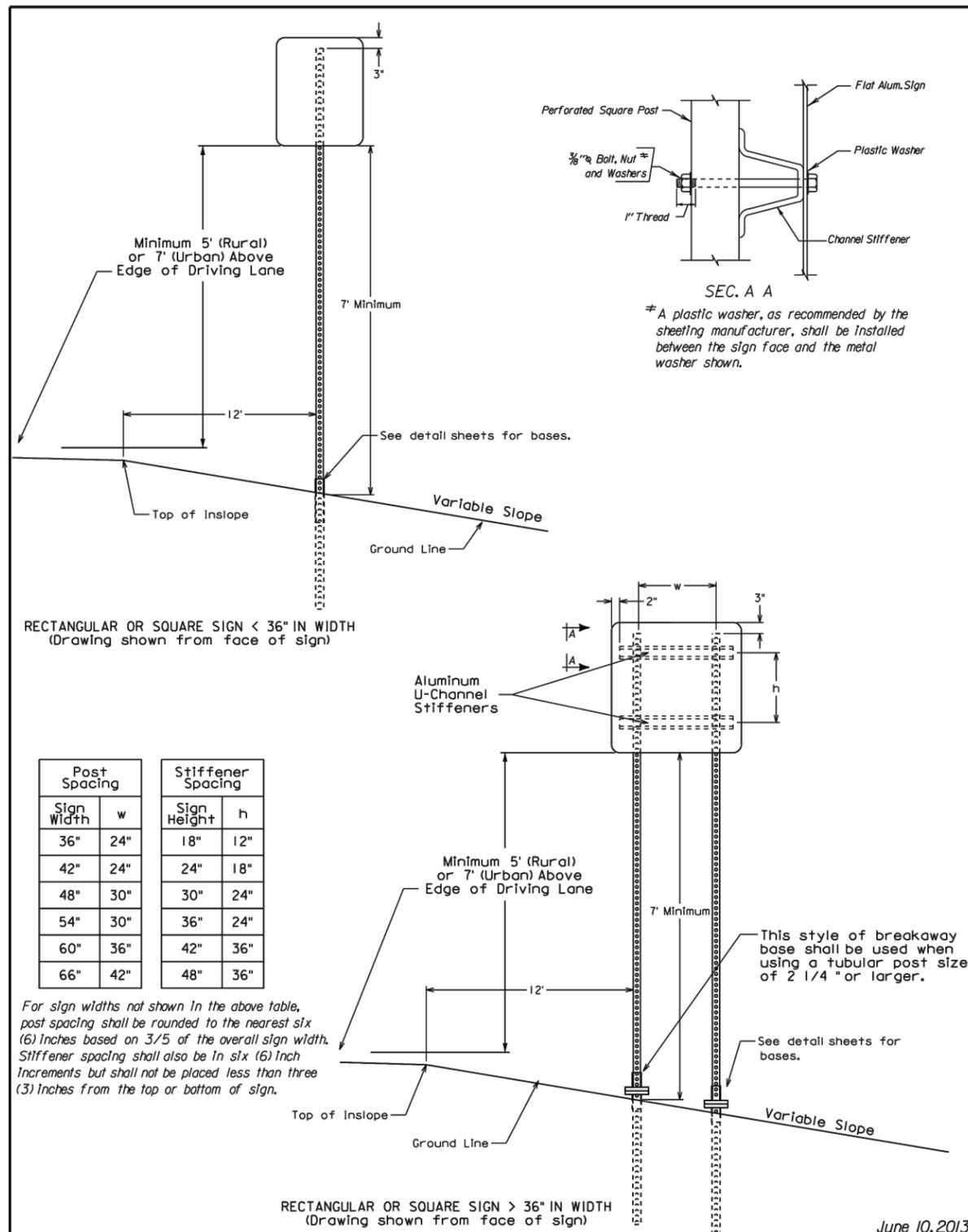
STATE OF SOUTH DAKOTA FOURFRONT	PROJECT	SHEET	TOTAL SHEETS
	P 7668 (05)	S11	S14

Plotting Date: 10/16/2015



TEMPORARY SIGN BASE



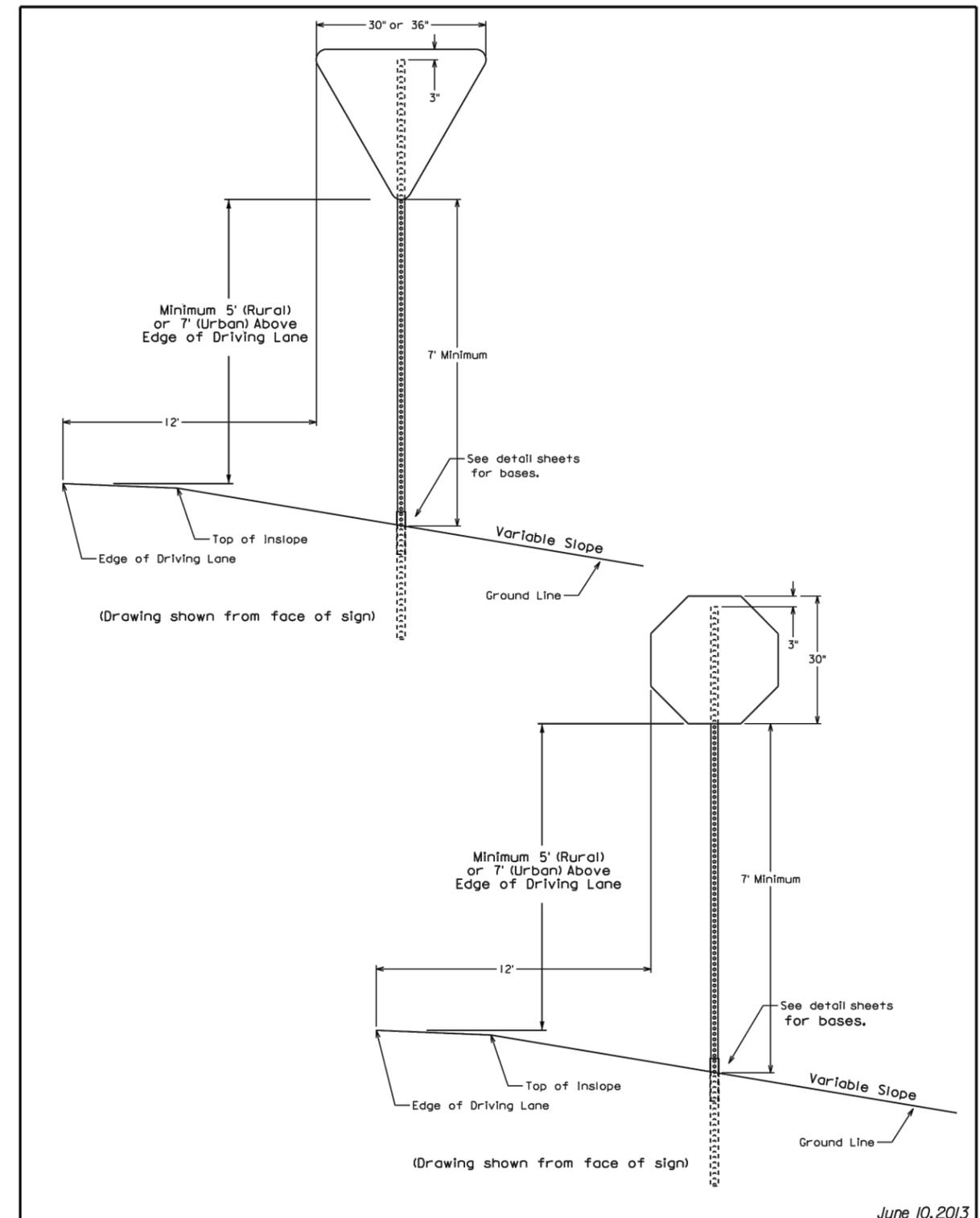


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SQUARE OR RECTANGULAR SIGNS
(Typical Sign and Stiffener Details)

SPECIAL DETAIL
LO3

Sheet 1 of 1

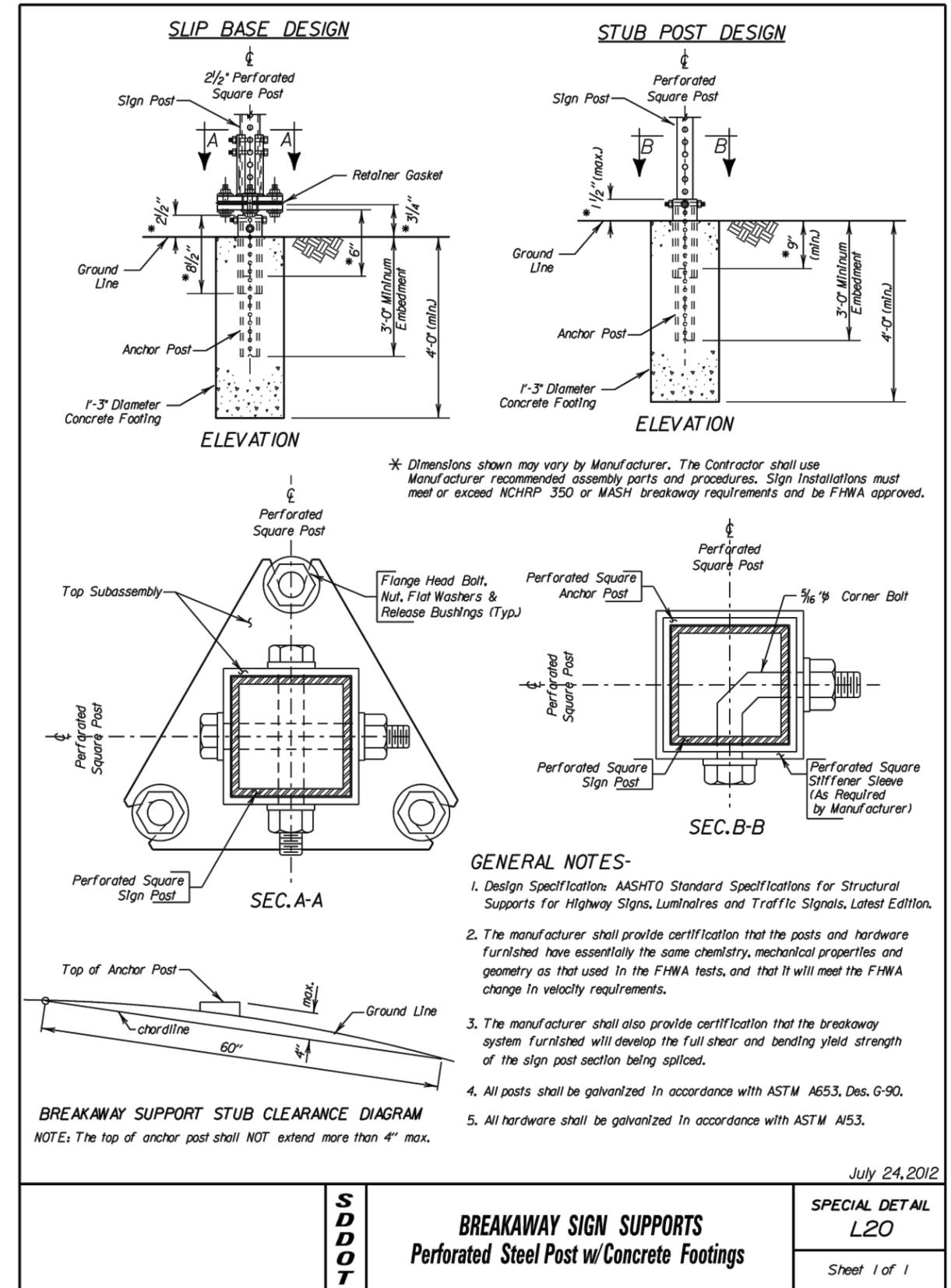
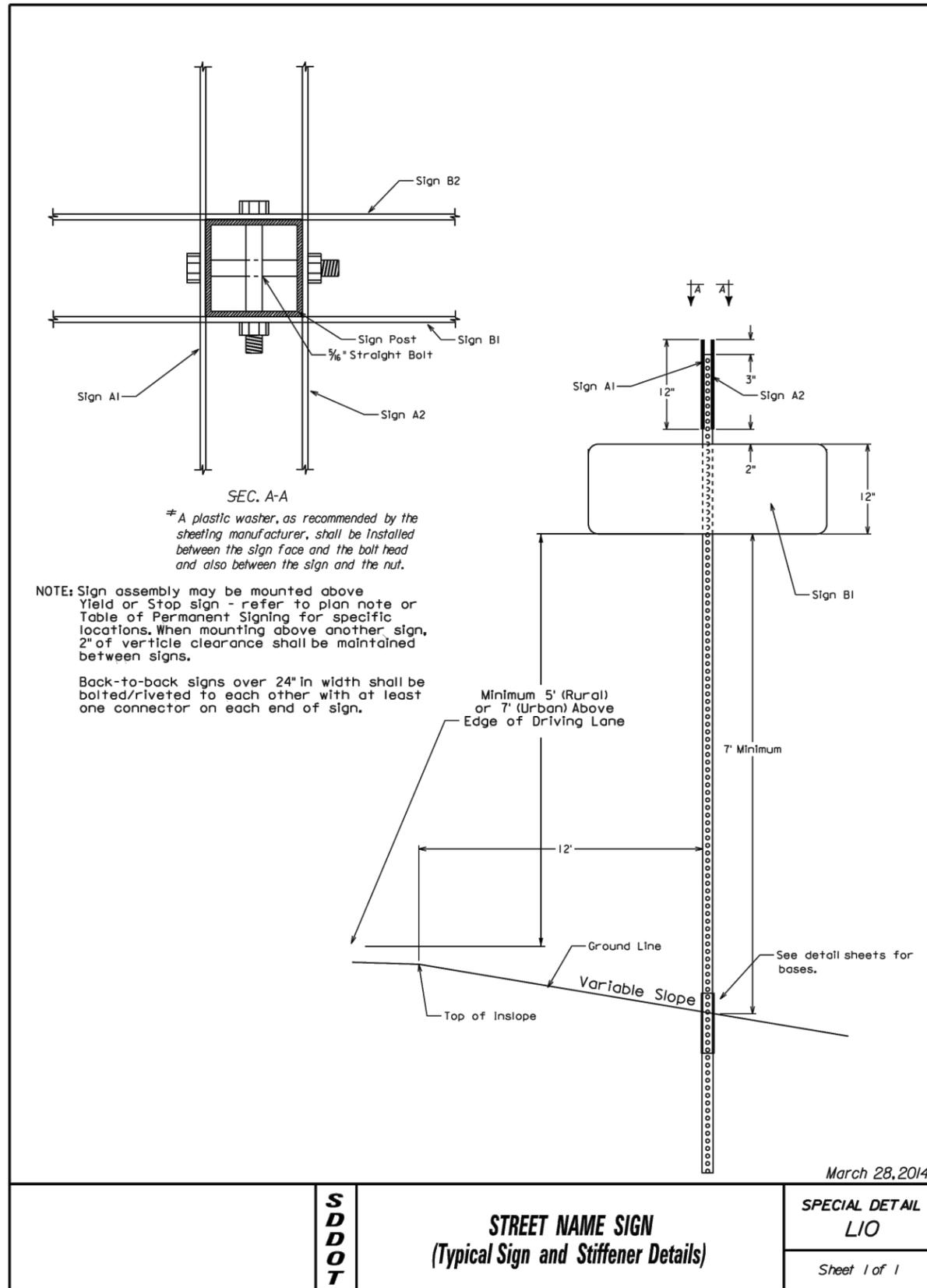


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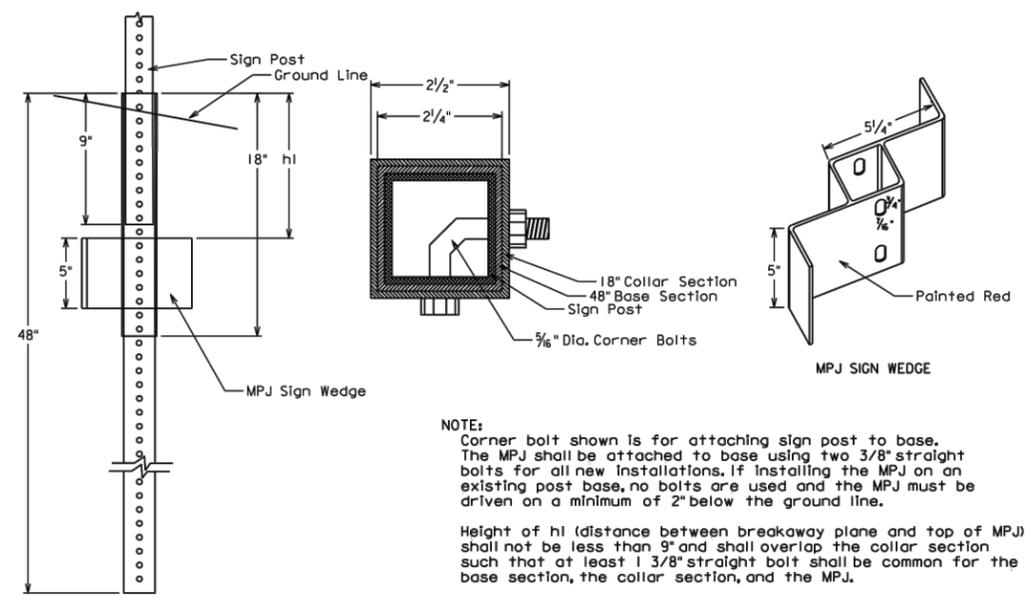
30" STOP OR 30"-36" YIELD
(Typical Sign Details)

SPECIAL DETAIL
LO6

Sheet 1 of 1

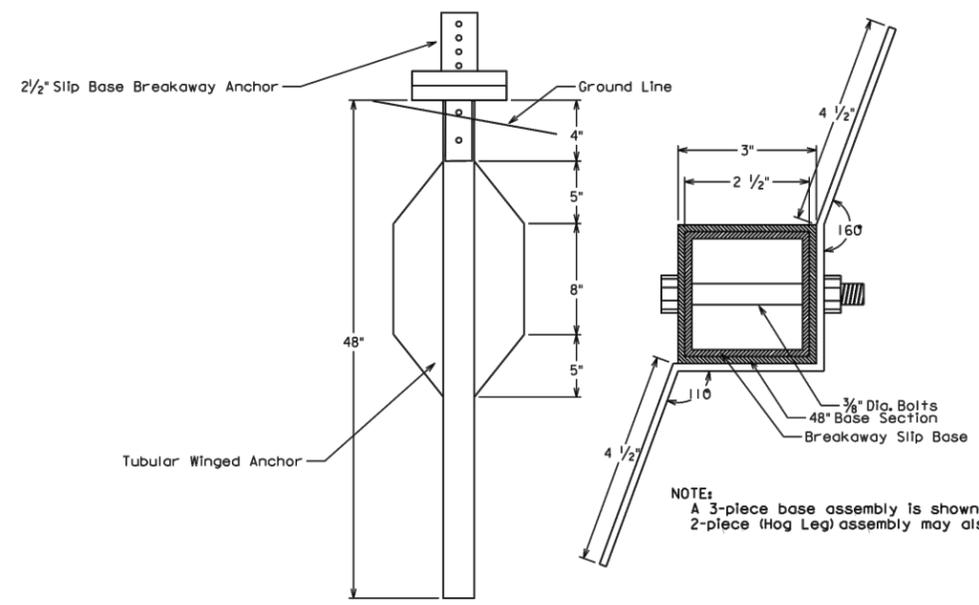


SIGN BASE DETAILS FOR A 2" SIGN POST



NOTE:
Corner bolt shown is for attaching sign post to base. The MPJ shall be attached to base using two 3/8" straight bolts for all new installations. If installing the MPJ on an existing post base, no bolts are used and the MPJ must be driven on a minimum of 2" below the ground line.
Height of h1 (distance between breakaway plane and top of MPJ) shall not be less than 9" and shall overlap the collar section such that at least 1 3/8" straight bolt shall be common for the base section, the collar section, and the MPJ.

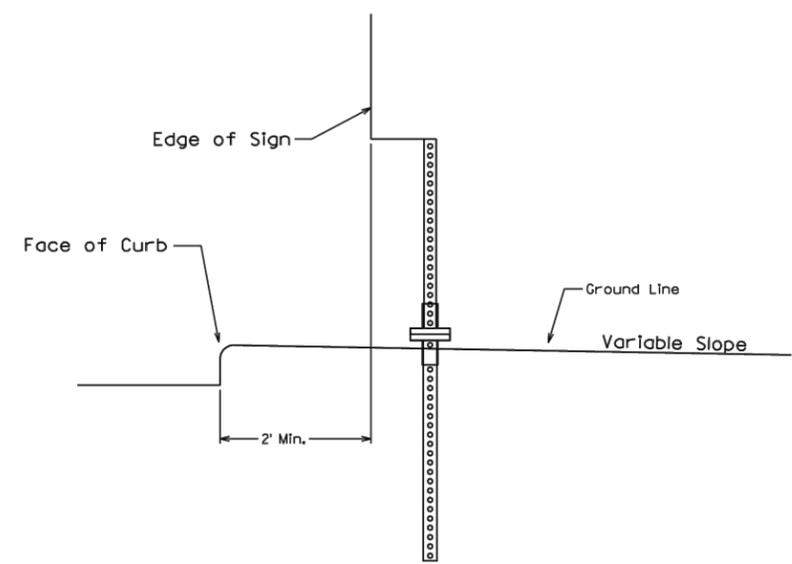
SIGN BASE DETAILS FOR A 2 1/2" SIGN POST



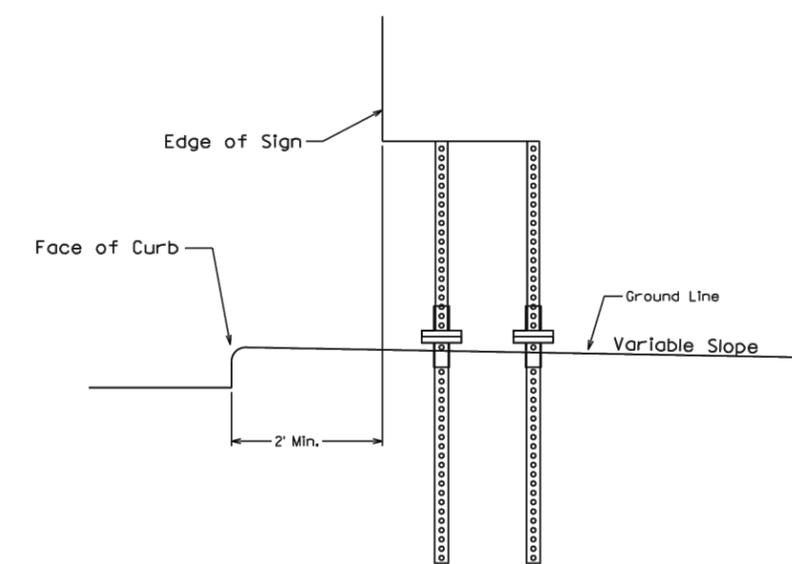
NOTE:
A 3-piece base assembly is shown, however, a 2-piece (Hog Leg) assembly may also be used.

March 28, 2014

S D D O T	TUBULAR POST BASE DETAILS (Typical Soil Installation)	SPECIAL DETAIL L21
		Sheet 1 of 1



URBAN LOCATION WITH 1 POST
(Drawing shown from face of sign)



URBAN LOCATION WITH 2 POSTS
(Drawing shown from face of sign)

July 24, 2012

S D D O T	LATERAL OFFSET (Typical Urban Sign Installations)	SPECIAL DETAIL L24
		Sheet 1 of 1