

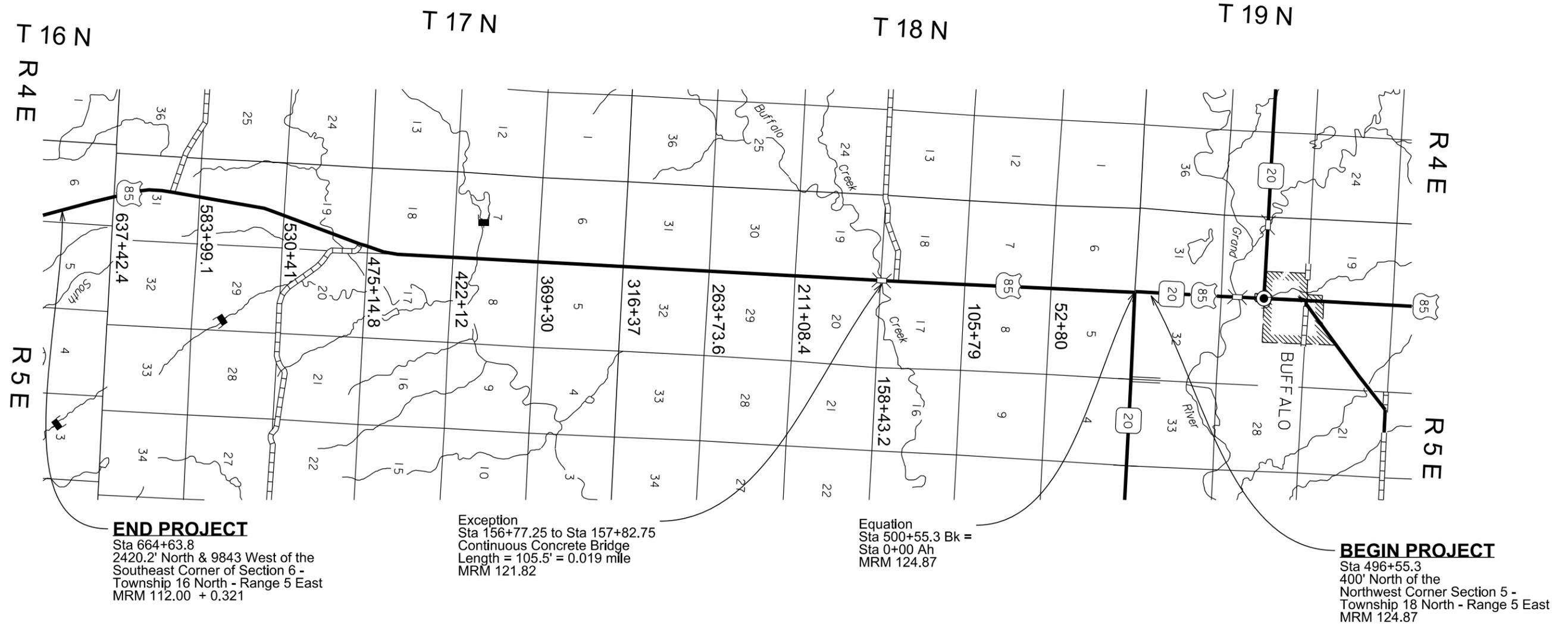
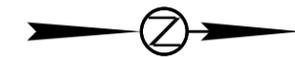
Section S: Permanent Signing Plans

| | | | |
|-----------------------|---------------|-------|--------------|
| STATE OF SOUTH DAKOTA | PROJECT | SHEET | TOTAL SHEETS |
| | H 0085(81)112 | S1 | S13 |

Plotting Date: 10/16/2014

INDEX OF SHEETS

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| S1 | General Layout W/Index |
| S2-S6 | Estimate With General Notes & Tables |
| S7-S8 | Sign Design Layouts |
| S9-S12 | Typical Layouts |
| S13 | Standard Plates |



Plot Scale - 1:200

Plotted From - trcs11628

File - e1

ESTIMATE OF QUANTITIES

| Bid Item Number | Item | Quantity | Unit |
|-----------------|---|----------|------|
| 110E5010 | Salvage Delineator | 19 | Each |
| 110E5020 | Salvage Traffic Sign | 8 | Each |
| 632E1320 | 2.0"x2.0" Perforated Tube Post | 8.0 | Ft |
| 632E1340 | 2.5"x2.5" Perforated Tube Post | 42.0 | Ft |
| 632E1650 | No Passing Zone Reference Post | 13 | Each |
| 632E3203 | Flat Aluminum Sign, Nonremovable Copy High Intensity | 240.0 | SqFt |
| 632E3205 | Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity | 101.6 | SqFt |
| 632E3520 | Remove, Salvage, Relocate, and Reset Traffic Sign | 79 | Each |

PERMANENT SIGNING

The Contractor shall furnish all signs, posts, stiffeners, bases, hardware, and labor for installation of permanent signs in size, type, and quantity as shown in these plans and/or as required by the Engineer.

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 the contract unit price for each type of sign based on sheeting requirements per square foot of sign. All signs shall have ASTM D4956 Type IV (High Intensity) or ASTM D4956 Type XI (Super/Very High Intensity) sheeting as noted on the sign detail sheets. Payment for new signposts, hardware, bases, and labor will be made at the contract unit price per foot for 2.0" x 2.0" or 2.5" x 2.5" perforated tube post. Breakaway post details regarding posts, hardware, and bases shall be followed as per the manufacture's recommendations. 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 site, by site verification of post length.

The Contractor shall use Telespar brand (or equivalent) 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. 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).

The Contractor shall stake the signs and the Engineer will verify the location prior to installation. The lateral distance from the roadway and the height of the sign shall be established by the Contractor according to the Permanent Signing Typical, as well as the Standard Plates in the plans and the MUTCD.

The Contractor shall coordinate the removal of signs with Section C of these plans. Existing signing shall be replaced, left in place, or temporarily covered as needed to safely direct traffic through the project or as directed by the Engineer.

The Contractor shall notify the Region Traffic Engineer, Monica Heller a minimum of 2 weeks prior to the installation of mileage reference markers (MRM's) to determine final locations.

SIGN LEGEND, BORDER, BACKGROUND, AND MOUNTING

All sign material shall comply with Section 982 of the Specifications.

The sign colors shall be as stipulated in 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.

DATE DECAL

The Contractor shall affix a state furnished date decal to each new sign installed. Each decal is an approximately 2" X 2" self-adhesive sticker with removable paper backing and black numerals on a white background. The date decal displays the last two digits of the year the sign was manufactured (as illustrated).



One decal shall be placed in the extreme lower left corner of the back of flat aluminum signs. Sign supports or other obstructions shall not block the view of the date decal upon completion of the sign installation.

Cost for installing of date decal on new signs shall be incidental to the contract unit price for the various signing bid items.

PERFORATED TUBE POST

Payment for 2.0" x 2.0" perforated tube posts and 2.5" x 2.5" perforated tube posts shall include all cost for labor, equipment, and materials necessary to complete the following work:

1. Furnish 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).

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

Measurement of sign areas will include payment for the entire sign blank before trimming for rounded corners. The square unit measurement for each sign shall be as shown in the table of permanent signing. The payment 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, Non-Removable Copy High Intensity and Flat Aluminum Sign, Non-Removable Copy Super/ Very High Intensity.

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REMOVE, SALVAGE, RELOCATE & RESET TRAFFIC SIGN

The Contractor shall remove signs, posts, and bases for remove and stockpile as shown in the table for Permanent Signing. All existing signs, posts, and hardware removed as per these plans remain property of the State of South Dakota and shall be transported to the SDDOT Buffalo maintenance yard by the Contractor. The Contractor shall notify the Engineer two days prior to time of delivery to the maintenance yard so correct placement for storage and inventory of materials can be made upon receipt.

All bolts, nuts, and washers shall be placed in individual 5-gallon pails. Backing materials shall be separated from the signs and may be reused at the Contractor's discretion. Non-threaded connections (rivets) shall be cut when necessary to reduce sign sections to a 4' x 6' maximum size.

Any post assembly including sign, post, or bases that call for being removed, relocated or reset in the remarks column in the Table of Permanent Signing shall be included in the contract unit price per each for Remove, Salvage, Relocate & Reset Traffic sign. All other signs, posts, and bases that call for removal and stockpile shall be included in the contract unit price per each for Salvage Traffic Sign. These payments shall include all cost for labor and equipment necessary to remove, dismantle, backfill holes (wooden posts only) and deliver signs to the SDDOT Buffalo maintenance yard.

HARDWARE

Aluminum U-Channel stiffeners shall be used on all standard highway signs greater than or equal to 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. A 3/8" diameter straight bolt (Grade 8) shall be used in all breakaway shear bases for the 2.5" perforated tube posts. All other perforated tube signpost base material shall be fastened with 5/16" diameter corner bolts (Grade 2). All perforated tube signposts shall have a soil stabilizer attached to the base. Soil stabilizers shall be MPJ sign wedge style or equivalent.

SHEETING REQUIREMENTS

All legend and border utilizing the color black shall be vinyl or screen printed black, non-reflectorized material. All other legend and border shall be of same type of sheeting as the background of the same sign. All signs in the table for permanent signing that call for "HIGH" sheeting shall be Type IV as per AASHTO designation M 268 (ASTM D4956). All signs in the table for permanent signing that call for "SUPER/VERY HIGH" sheeting shall be Type XI as per AASHTO designation M 268 (ASTM D4956). All W-series warning signs and plaques shall be fluorescent yellow.

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| STATE OF SOUTH DAKOTA | PROJECT | SHEET NO. | TOTAL SHEETS |
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Revised: 10-20-2014 DC

SALVAGE DELINEATOR

The Contractor shall provide all labor and equipment necessary to remove existing delineators, type II object markers, 4x8 white delineators, and no-pass zone end markers. Payment for salvaging existing delineators will be paid for the contract unit price per each Salvage Delineator. Payment for salvaging type II object markers, 4x8 white delineators, and no-pass zone end markers will also be paid for the contract unit price per each for Salvage Delineator and are to be stockpiled at the Buffalo Maintenance yard.

Below are estimates of existing delineator, type II object markers, 4x8 white delineators, and no-pass zoned end markers throughout the project limits:

- Delineators – 0 – All looked good throughout the project.
- Type II Object Markers – 0 – All looked good throughout the project.
- 4x8 White Delineators – 6 – Located at the Hwy 20 junction.
- No-Pass Zone End Markers – 13

NO PASSING ZONE REFERENCE POST

The Contractor shall install a 1.12 Lb/Ft U-channel steel post 24" into the ground within the highway right of way one foot from the fence line. This post must be clearly visible from the driving lane. If topography or obstructions block the visibility of the post from the driving lane, the post may be moved transversely until such point it is visible but not exceed the minimum offset of the standard highway delineation.

A steel post shall be installed at the end of each no passing zone on the same side of centerline as the no passing zone stripe. Four feet of post shall extend above the ground. The Contractor shall slip a State furnished 4" round yellow and black PVC pipe over the steel u-channel post. The Contractor shall be required to give 2 week notice prior to installation.

Utility locations shall be obtained by the Contractor prior to installation of the u-channel post.

Costs for installation of the steel post shall be incidental to the contract unit price per each for No Passing Zone Reference Post.

PERMANENT SIGNING TABLES

Plotting Date: 10/16/2014

Hwy 085 MRM: 112.321 To 124.87

| EXISTING MRM (Approx.) | NEW MRM (Approx.) | SIGN | | | | | | | | POST | | | | SIGN DESCRIPTION | WORK TO BE DONE | |
|------------------------|-------------------|--------|------------|-------------|----------------|-----------|-----------------|----------------|---------------|----------|-------------|-----------|------------|------------------|--|---|
| | | Number | Width (in) | Height (in) | Facing Traffic | New Sign | Remove Existing | Square Footage | Sheeting Type | New Post | Length (ft) | Size (in) | # of Posts | | | Shear Slip Base |
| Begin at MRM | 112.000 | | | | | | | | | | | | | | | |
| 112.882 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.003 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 113 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.003 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 113 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 113 |
| 113.052 | | S3-1 | 48 | 48 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | | SCHOOL BUS STOP AHEAD | SALVAGE EXISTING SIGN & POST |
| 113.348 Lt | | M3-3 | 24 | 12 | SOUTHBOUND | FLAT ALUM | NO | 2.0 | IV | NO | - | - | - | | DIRECTIONAL MARKER - SOUTH | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.348 Lt | | M1-4 | 24 | 24 | SOUTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | | ROUTE MARKER (US HIGHWAY 85) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN UNDER SOUTH |
| 113.380 | | R1-1 | 30 | 30 | EASTBOUND | FLAT ALUM | NO | 5.2 | XI | NO | - | - | - | | STOP | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.402 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.508 | | I10-3 | 24 | 24 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | | FATALITY MARKER | SALVAGE EXISTING SIGN & POST |
| 113.752 | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.888 | | D2-2 | 84 | 36 | NORTHBOUND | FLAT ALUM | NO | 21.0 | IV | NO | - | - | - | | JCT 20 - BUFFALO AND MILEAGE | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN & RESET ON EXISTING POSTS |
| 113.980 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 114 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 113.980 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 114 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 114 |
| 114.063 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 114.280 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 114.658 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 114.703 Lt | | D2-3 | 108 | 48 | SOUTHBOUND | FLAT ALUM | NO | 36.0 | IV | YES | 14 | 2.5 | 3 | YES | REDIG - BELLE FOURCHE - LEAD AND MILEAGE | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN WITH NEW POSTS |
| 114.963 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 115 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 114.963 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 115 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 115 |
| 115.543 | | D3-3 | 66 | 18 | NORTHBOUND | FLAT ALUM | NO | 8.3 | IV | NO | - | - | - | | JB ROAD ARROW | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN & RESET ON EXISTING POSTS |
| 115.627 | | R1-1 | 30 | 30 | WESTBOUND | FLAT ALUM | NO | 5.2 | XI | NO | - | - | - | | STOP | SALVAGE EXISTING SIGN & REPLACE WITH NEW |
| 115.645 | | M3-1 | 24 | 12 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | | DIRECTIONAL MARKER - NORTH | LEAVE AS IS |
| 115.645 | | M1-4 | 24 | 24 | NORTHBOUND | NO | NO | - | - | - | - | - | - | | ROUTE MARKER (US HIGHWAY 85) | LEAVE AS IS |
| 115.701 Lt | | D3-3 | 66 | 18 | SOUTHBOUND | FLAT ALUM | NO | 8.3 | IV | NO | - | - | - | | JB ROAD ARROW | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN & RESET ON EXISTING POSTS |
| 115.935 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 116 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 115.935 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 116 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 116 |
| 116.913 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 117 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 116.913 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 117 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 117 |
| 117.107 | | I10-3 | 24 | 24 | NORTHBOUND | NO | NO | 4.0 | - | NO | - | - | - | | FATALITY MARKER | LEAVE AS IS |
| 117.361 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 117.835 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 117.887 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 118 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 117.887 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 118 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 118 |
| 117.891Lt | | W11-3 | 30 | 30 | SOUTHBOUND | NO | YES | - | - | - | - | - | - | | ADVANCE DEER CROSSING SYMBOL | SALVAGE EXISTING SIGN & POST |
| 117.891 Lt | | W7-3A | 18 | 18 | SOUTHBOUND | NO | YES | - | - | - | - | - | - | | NEXT 8 MILES | SALVAGE EXISTING SIGN |
| 118.495 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 118.789 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 118.841 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 119 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 118.841 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 119 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 119 |
| 118.943 | | I10-3 | 24 | 24 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | | FATALITY MARKER | LEAVE AS IS |
| 119.856 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 120 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 119.856 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 120 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 120 |
| 120.809 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 121 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 120.809 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 121 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 121 |
| 121.615 | | D10-6A | 4.5 | 21 | NORTHBOUND | FLAT ALUM | NO | 0.7 | IV | YES | 8 | 2.0 | 1 | | MRM 121.82 BRIDGE MARKER | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 121.615 | | D10-6A | 4.5 | 21 | SOUTHBOUND | FLAT ALUM | NO | 0.7 | IV | - | - | - | - | | MRM 121.82 BRIDGE MARKER | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 121.82 |
| 121.762 Lt | | R1-1 | 30 | 30 | EASTBOUND | FLAT ALUM | NO | 5.2 | XI | NO | - | - | - | | STOP | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 121.790 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 122 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 121.790 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | | MRM 122 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 122 |
| 122.352 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 122.780 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | | MRM 123 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |

Plot Scale - 1:200

Plotted From - trc11628

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PERMANENT SIGNING TABLES

Plotting Date: 10/16/2014

Hwy 085 MRM: 112.321 To 124.87

| EXISTING MRM (Approx.) | NEW MRM (Approx.) | SIGN | | | | | | | | POST | | | | SIGN DESCRIPTION | WORK TO BE DONE |
|------------------------|-------------------|--------|------------|-------------|----------------|-----------|-----------------|----------------|---------------|----------|-------------|-----------|------------|---|---|
| | | Number | Width (in) | Height (in) | Facing Traffic | New Sign | Remove Existing | Square Footage | Sheeting Type | New Post | Length (ft) | Size (in) | # of Posts | | |
| 122.780 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | MRM 123 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 123 |
| 122.956 | | D5-5E | 30 | 24 | NORTHBOUND | FLAT ALUM | NO | 5.0 | IV | NO | - | - | - | ROADSIDE PARK 3 MILES | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 122.965 | | W14-3 | 48 | 36 | SOUTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 123.566 Lt | | M3-3 | 24 | 12 | SOUTHBOUND | FLAT ALUM | NO | 2.0 | IV | NO | - | - | - | DIRECTIONAL MARKER - SOUTH | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 123.566 Lt | | M1-4 | 24 | 24 | SOUTHBOUND | FLAT ALUM | NO | 4.0 | IV | NO | - | - | - | ROUTE MARKER (US HIGHWAYS 85) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN & PLACE UNDER SOUTH |
| 123.715 | | D10-6 | 4.5 | 18 | NORTHBOUND | FLAT ALUM | NO | 0.6 | IV | NO | - | - | - | MRM 124 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 123.715 | | D10-6 | 4.5 | 18 | SOUTHBOUND | FLAT ALUM | NO | 0.6 | IV | - | - | - | - | MRM 124 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN ON BACKSIDE OF MRM 124 |
| 123.882 | | D8-1 | 48 | 36 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION 1/2 MILE | LEAVE AS IS |
| 123.882 | | D8-2 | 48 | 18 | NORTHBOUND | NO | NO | - | - | - | - | - | - | WEIGHT STATION: OPEN/CLOSED | LEAVE AS IS |
| 124.203 | | M2-1 | 24 | 12 | NORTHBOUND | FLAT ALUM | NO | 2.0 | IV | NO | - | - | - | JUNCTION MARKER | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 124.203 | | M1-5 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (STATE HWY 20) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN & PLACE UNDER JUNCTION |
| 124.223 | | R13-1E | 78 | 60 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | ALL VEHICLES EXCEEDING 8000 GVW-RV EXCLUDED | LEAVE AS IS |
| 124.275 | | D8-2B | 60 | 42 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION NEXT RIGHT | LEAVE AS IS |
| 124.326 Lt | | R2-1 | 24 | 30 | SOUTHBOUND | FLAT ALUM | NO | 5.0 | IV | NO | - | - | - | SPEED LIMIT 65 | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 124.334 | | D8-3 | 48 | 42 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION WITH ARROW | LEAVE AS IS |
| 124.346 | | D12-5A | 36 | 36 | SOUTHBOUND | FLAT ALUM | NO | - | - | NO | - | - | - | 511 SIGNS | LEAVE AS IS |
| 124.360 | | D8-3 | 24 | 24 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | WEIGH STATION ENTRANCE | SALVAGE EXISTING SIGN & POST |
| 124.360 | | D8-3 | 24 | 24 | SOUTHBOUND | NO | YES | - | - | NO | - | - | - | WEITH STATION ENTRANCE | SALVAGE EXISTING SIGN |
| 124.377 | | R1-1 | 30 | 30 | WESTBOUND | FLAT ALUM | NO | 5.2 | XI | NO | - | - | - | STOP | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 124.393 | | D1-2 | 60 | 30 | NORTHBOUND | FLAT ALUM | NO | 12.5 | IV | NO | - | - | - | BUFFALO - BISON | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN & RESET ON EXISTING POSTS |
| 124.399 Lt | | W14-3 | 48 | 36 | NORTHBOUND | FLAT ALUM | NO | 5.6 | XI | NO | - | - | - | NO PASSING ZONE (FLOURSESCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 124.407 Lt | | D8-3 | 48 | 36 | SOUTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION WITH ARROW | LEAVE AS IS |
| 124.434 Lt | 124.224 Lt | D2-3 | 108 | 48 | SOUTHBOUND | FLAT ALUM | YES | 36.0 | IV | NO | - | - | - | REDIG - BELLE FOURCHE - LEAD AND MILEAGE | SALVAGE EXISTING SIGN & RESET WITH NEW SIGN AT NEW LOCATION WITH EXISTING POSTS |
| 124.460 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.462 Lt | | D8-2B | 60 | 42 | SOUTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION NEXT LEFT | LEAVE AS IS |
| 124.479 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.481 | | M1-4 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | NO | - | - | - | ROUTE MARKER (US HIGHWAY 85) | SAVLAGE EXISTING SIGN & REPLACE WITH NEW ON TOP RIGHT SIDE |
| 124.481 | | M1-4 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (STATE HIGHWAY 20) | SALVAGE EXISTING SIGN & REPLACE WITH NEW ON TOP LEFT SIDE |
| 124.481 | | M6-3 | 21 | 15 | NORTHBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DIR ARROW VERTICAL SINGLE | SALVAGE EXISTING SIGN & REPALCE WITH NEW UDER HIGHWAY 85 |
| 124.481 | | M6-6R | 21 | 15 | NORTHBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DIR ARROW RIGHT VERTICAL 90 - DOUBLE | SALVAGE EXISTING SIGN & REPALCE WITH NEW UDER HIGHWAY 20 |
| 124.481 | | D10-6A | 4.5 | 21 | NORTHBOUND | FLAT ALUM | NO | 0.7 | IV | - | - | - | - | MRM 124.78 | SALVAGE EXISTING SIGN & REPLACE WITH NEW UNDER VERTICAL SINGLE ARROW |
| 124.481 | | D10-6A | 4.5 | 21 | SOUTHBOUND | FLAT ALUM | NO | 0.7 | IV | - | - | - | - | MRM 124.78 | SALVAGE EXISTING SIGN & REPLACE WITH NEW ON BACKSIDE OF MRM 124.78 |
| 124.483 | | D8-2 | 24 | 24 | SOUTHBOUND | NO | YES | - | - | NO | - | - | - | WEIGH STATION EXIT | SALVAGE EXISTING SIGN & POST |
| 124.483 | | D8-2 | 24 | 24 | NORTHBOUND | NO | YES | - | - | - | - | - | - | WEIGH STATION EXIT | SALVAGE EXISTING SIGN |
| | 124.491 | R6-1 | 36 | 12 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | ONE WAY | LEAVE AS IS |
| | 124.491 | R6-1 | 36 | 12 | SOUTHBOUND | NO | - | - | - | - | - | - | - | ONE WAY | LEAVE AS IS |
| | 124.491 | R5-1 | 30 | 30 | WESTBOUND | NO | - | - | - | - | - | - | - | DO NOT ENTER | LEAVE AS IS |
| 124.485Lt | | M3-13 | 24 | 12 | NORTHBOUND | FLAT ALUM | NO | 2.0 | IV | NO | - | - | - | DIRECTIONAL MARKER - SOUTH | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN |
| 124.485 Lt | | M1-4 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (US HIGHWAY 85) | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN & PLACE UNDER SOUTH |
| 124.496 | | R1-1 | 36 | 36 | SOUTHEAST | NO | NO | - | - | - | - | - | - | STOP | RESET MORE TO FACE OUTBOUND TRAFFIC FOR WEIGH STATION |
| 124.504Lt | | R13-1E | 78 | 60 | NORTHBOUND | NO | NO | - | - | NO | - | - | - | ALL VEHICLES EXCEEDING 8000 GVW-RV EXCLUDED | LEAVE AS IS |
| 124.504 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.504 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.504 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.513 Lt | | M1-4 | 24 | 24 | WESTBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (US HIGHWAY 85) | SAVLAGE EXISTING SIGN & REPLACE WITH NEW ON TOP RIGHT SIDE |
| 124.513 Lt | | M1-5 | 24 | 24 | WESTBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (STATE HWY 20) | SALVAGE EXISTING SIGN & REPLACE WITH NEW ON TOP LEFT SIDE |
| 124.513 Lt | | M6-4 | 21 | 15 | WESTBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DOUBLE HORIZONTAL ARROW | SALVAGE EXISTING SIGN & REPALCE WITH NEW UDER HIGHWAY 85 |
| 124.513 Lt | | M6-1 | 21 | 15 | WESTBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DIR ARROW - HORIZONTAL SINGLE | SALVAGE EXISTING SIGN & REPALCE WITH NEW UDER HIGHWAY 20 |
| 124.513 Lt | | W1-7 | 48 | 24 | WESTBOUND | FLAT ALUM | NO | 8.0 | XI | - | - | - | - | YELLOW DOUBLE ARROW (FLOURSCENT YELLOW) | SALVAGE EXISTING SIGN & REPLACE WITH NEW UNDER DIRECTIONAL ARROWS |
| 124.527 Lt | | M1-5 | 24 | 24 | SOUTHBOUND | FLAT ALUM | NO | 4.0 | IV | NO | - | - | - | ROUTE MARKER (STATE HWY 20) | SAVLAGE EXISTING SIGN & REPLACE WITH NEW ON TOP RIGHT SIDE |
| 124.527 Lt | | M1-4 | 24 | 24 | SOUTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (US HIGHWAY 85) | SALVAGE EXISTING SIGN & REPLACE WITH NEW ON TOP LEFT SIDE |
| 124.527 Lt | | M6-1 | 21 | 15 | SOUTHBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DIR ARROW - HORIZONTAL SINGLE | SALVAGE EXISTING SIGN & REPALCE WITH NEW UDER HIGHWAY 20 |

Plot Scale - 1:200

Plotted From - trc11628

File - ...1036G_SectionNotes table border.dgn

PERMANENT SIGNING TABLES

| | | | |
|-----------------------|--------------------------|-------------|---------------------|
| STATE OF SOUTH DAKOTA | PROJECT H 0085(81)112 | SHEET S6 | TOTAL SHEETS S13 |
|-----------------------|--------------------------|-------------|---------------------|

Plotting Date: 10/16/2014

Hwy 085 MRM: 126.25 To 126.99

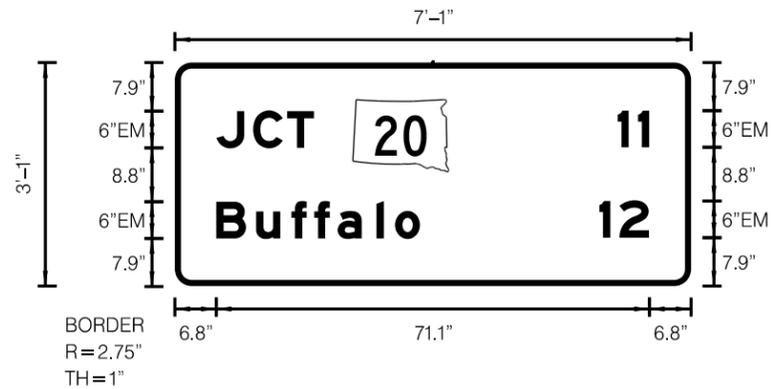
| EXISTING MRM (Approx.) | NEW MRM (Approx.) | SIGN | | | | | | | | POST | | | | SIGN DESCRIPTION | WORK TO BE DONE |
|------------------------|-------------------|---------|------------|-------------|----------------|-----------|-----------------|----------------|---------------|----------|-------------|-----------|------------|------------------------------|---|
| | | Number | Width (in) | Height (in) | Facing Traffic | New Sign | Remove Existing | Square Footage | Sheeting Type | New Post | Length (ft) | Size (in) | # of Posts | | |
| 124.527 Lt | | M6-3 | 21 | 15 | SOUTHBOUND | FLAT ALUM | NO | 2.2 | IV | - | - | - | - | DIR ARROW VERTICAL SINGLE | SALVAGE EXISTING SIGN & REPLACE WITH NEW UDER HIGHWAY 85 |
| 124.529 | | - | 4 | 8 | NORTHBOUND | NO | YES | - | - | NO | - | - | - | 4X8 WHITE DELINEATOR | SALVAGE DELINEATOR |
| 124.536 | | M3-1 | 24 | 12 | NORTHBOUND | FLAT ALUM | NO | 2.0 | IV | NO | - | - | - | DIRECTIONAL MARKER - NORTH | SAVLAGE EXISTING SIGN & REPLACE WITH NEW ON TOP RIGHT SIDE |
| 124.536 | | M3-4 | 24 | 12 | NORTHBOUND | FLAT ALUM | NO | 2.0 | IV | - | - | - | - | DIRECTIONAL MARKER - WEST | SALVAGE EXISTING SIGN & REPLACE WITH NEW ON TOP LEFT SIDE |
| 124.536 | | M1-4 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (US HIGHWAY 85) | SALVAGE EXISTING SIGN & REPLACE WITH NEW UDER NORTH |
| 124.536 | | M1-5 | 24 | 24 | NORTHBOUND | FLAT ALUM | NO | 4.0 | IV | - | - | - | - | ROUTE MARKER (STATE HWY 20) | SALVAGE EXISTING SIGN & REPLACE WITH NEW UDER WEST |
| 124.536 | | SPECIAL | 24 | 30 | NORTHBOUND | NO | NO | - | - | - | - | - | - | CANAM HIGHWAY | LEAVE AS IS |
| 124.589 | 124.870 | | | | | | | | | | | | | END AT TRANSITION | |
| 124.595 Lt | | D8-1 | 48 | 36 | SOUTHBOUND | NO | NO | - | - | NO | - | - | - | WEIGH STATION --- 1/4 MILE | LEAVE AS IS |
| 124.595 Lt | | D8-2 | 48 | 18 | SOUTHBOUND | NO | NO | - | - | - | - | - | - | WEIGHT STATION: OPEN/CLOSED | LEAVE AS IS |
| 123.618 | | D1-2 | 90 | 30 | NORTHBOUND | FLAT ALUM | NO | 18.8 | IV | NO | - | - | - | BELLE FOURCHE - BISON | SALVAGE EXISTING SIGN & REPLACE WITH NEW SIGN AS PER DESIGN & RESET ON EXISTING POSTS |
| 124.719 | | | | | CORRECTMEASURE | | | | | | | | | MRM 125 | |

Plot Scale - 1:200

Plotted From - trcs11628

File - ...1036G_SectionNotes table border.dgn

SIGN DETAIL
1:25



| | |
|---------------|----------------------------------|
| SIGN NUMBER | D2-2 |
| WIDTH x HGHT. | 7'-1" x 3'-1" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 2.75" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
|------------|-----|------|------|------|----|
| STG-24-2-C | 0 | 29.2 | 18.6 | 15.8 | 12 |
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Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths M.U.T.C.D.: 2009 Edition Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | LENGTH | SERIES SIZE | |
|----------------------|------|------|------|------|------|------|--|--|--|--|--------|-------------|------|
| J | C | T | | | | | | | | | | EM 2000 | |
| 6.8 | 12.8 | 18.4 | | | | | | | | | | 16.1 | 6 |
| 1 | 1 | | | | | | | | | | | EM 2000 | |
| 72.7 | 76 | | | | | | | | | | | 5.2 | 6 |
| B | u | f | f | a | l | o | | | | | | EM 2000 | |
| 6.8 | 13.3 | 19.1 | 22.9 | 26.7 | 33.1 | 36.1 | | | | | | 33.5 | 64.5 |
| 1 | 2 | | | | | | | | | | | EM 2000 | |
| 69.7 | 73 | | | | | | | | | | | 8.2 | 6 |

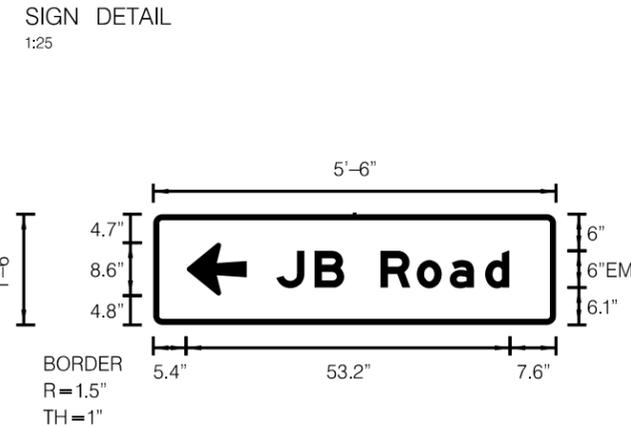
SIGN DESIGN LAYOUT

| | | | |
|-----------------------|---------------|-------|--------------|
| STATE OF SOUTH DAKOTA | PROJECT | SHEET | TOTAL SHEETS |
| | H 0085(81)112 | S7 | S13 |

Plotting Date: 10/16/2014

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|---------------|----------------------------------|
| SIGN NUMBER | D3-3 |
| WIDTH x HGHT. | 5'-6" x 1'-6" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 1.5" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
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| AR_Type B | 90 | 5.4 | 4.8 | 8.8 | 10 |
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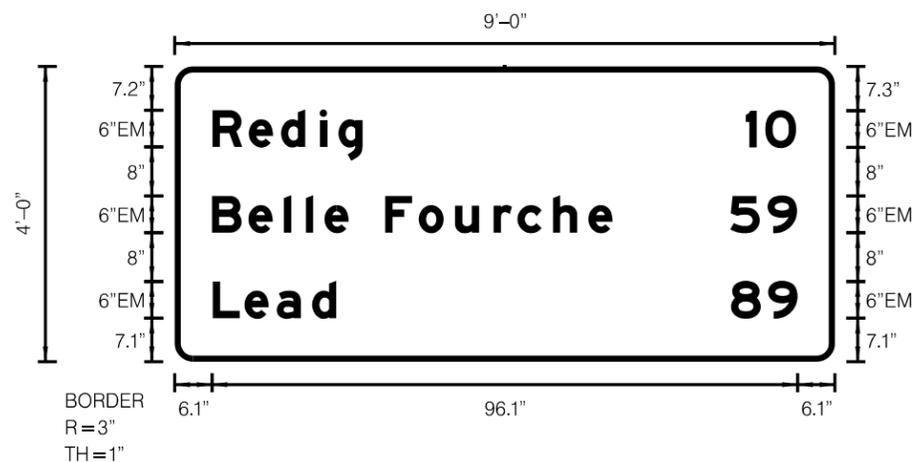


Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

| LETTER POSITIONS (X) | | | | | | | | | | | LENGTH | SERIES SIZE | |
|----------------------|------|------|------|------|------|------|--|--|--|--|--------|-------------|------|
| J | B | R | o | a | d | | | | | | | EM 2000 | |
| 20.2 | 26.4 | 31.3 | 37.3 | 43.2 | 48.6 | 54.5 | | | | | | 38.2 | 64.5 |

SIGN DETAIL
1:25

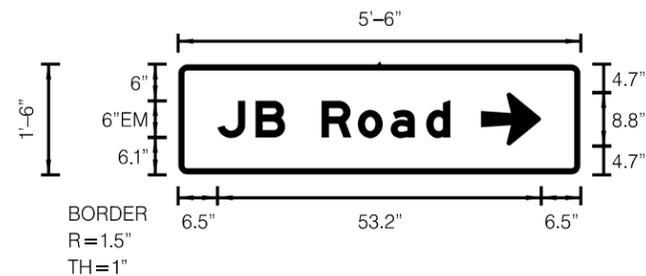


Dimensions are in inches.tenths M.U.T.C.D.: 2009 Edition Letter locations are panel edge to lower left corner

| | |
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| SIGN NUMBER | D2-3 |
| WIDTH x HGHT. | 9'-0" x 4'-0" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 3" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
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SIGN DETAIL
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Panel Style: guide_con_destination.ssi
M.U.T.C.D.: 2009 Edition

Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

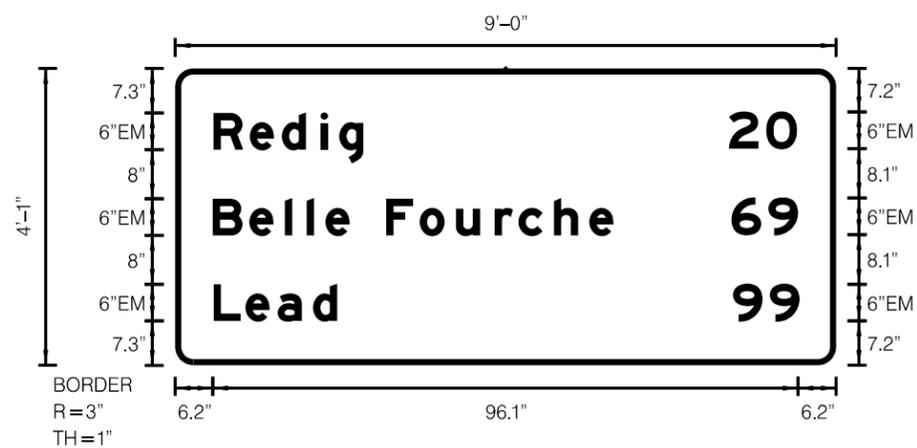
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|----------------------|------|------|------|------|------|------|--|--|--|--|--------|-------------|------|
| J | B | R | o | a | d | | | | | | | EM 2000 | |
| 7.5 | 13.7 | 18.6 | 24.6 | 30.5 | 35.9 | 41.8 | | | | | | 38.2 | 64.5 |

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|---------------|----------------------------------|
| SIGN NUMBER | D3-3 |
| WIDTH x HGHT. | 5'-6" x 1'-6" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 1.5" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGEND/BORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
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| AR_Type B | 270 | 49.7 | 4.8 | 8.8 | 10 |
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| LETTER POSITIONS (X) | | | | | | | | | | | LENGTH | SERIES SIZE | | |
|----------------------|------|------|------|------|------|------|----|------|------|------|--------|-------------|------|------|
| R | e | d | i | g | | | | | | | | EM 2000 | | |
| 6.2 | 12.1 | 17.4 | 23.7 | 26.8 | | | | | | | | 24.7 | 64.5 | |
| 1 | 0 | | | | | | | | | | | EM 2000 | | |
| 93.7 | 96.9 | | | | | | | | | | | 8.3 | 6 | |
| B | e | l | l | e | F | o | u | r | c | h | e | EM 2000 | | |
| 6 | 12 | 17.9 | 21.5 | 24.5 | 28.5 | 34.5 | 40 | 45.9 | 52.3 | 56.2 | 62 | 67.8 | 65.8 | 64.5 |
| 5 | 9 | | | | | | | | | | | EM 2000 | | |
| 91.1 | 97.2 | | | | | | | | | | | 11 | 6 | |
| L | e | a | d | | | | | | | | | EM 2000 | | |
| 6.2 | 11.4 | 16.7 | 22.5 | | | | | | | | | 20.3 | 64.5 | |
| 8 | 9 | | | | | | | | | | | EM 2000 | | |
| 91.3 | 97.3 | | | | | | | | | | | 11 | 6 | |

SIGN DETAIL
1:25



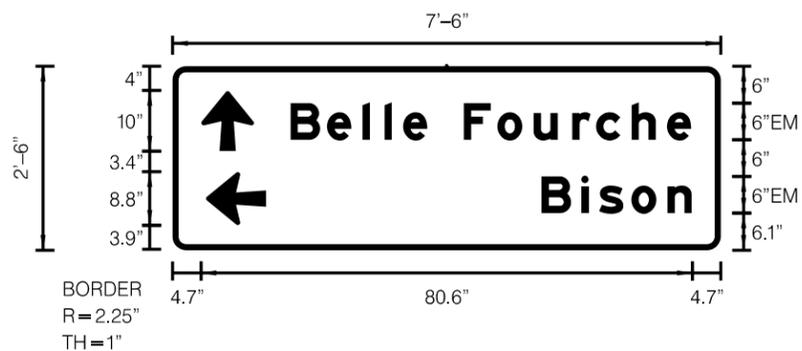
Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths M.U.T.C.D.: 2009 Edition Letter locations are panel edge to lower left corner

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| SIGN NUMBER | D2-3 |
| WIDTH x HGHT. | 9'-0" x 4'-1" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 3" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGENDBORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
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| LETTER POSITIONS (X) | | | | | | | | | | | | | LENGTH | SERIESSIZE | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|----|--------|------------|---------|---------|
| R | e | d | i | g | | | | | | | | | | | EM 2000 | |
| 6.3 | 12.2 | 17.5 | 23.9 | 26.9 | | | | | | | | | | | 24.7 | 64.5 |
| 2 | 0 | | | | | | | | | | | | | | 11.2 | 6 |
| 90.9 | 97 | | | | | | | | | | | | | | | EM 2000 |
| B | e | l | l | e | F | o | u | r | c | h | e | | | | | EM 2000 |
| 6.2 | 12.2 | 18 | 21.6 | 24.7 | 28.6 | 34.6 | 40.1 | 46.1 | 52.4 | 56.3 | 62.2 | 68 | | | 65.8 | 64.5 |
| 6 | 9 | | | | | | | | | | | | | | | EM 2000 |
| 91.3 | 97.4 | | | | | | | | | | | | | | 10.9 | 6 |
| L | e | a | d | | | | | | | | | | | | | EM 2000 |
| 6.3 | 11.5 | 16.8 | 22.6 | | | | | | | | | | | | 20.3 | 64.5 |
| 9 | 9 | | | | | | | | | | | | | | | EM 2000 |
| 91.5 | 97.4 | | | | | | | | | | | | | | 10.7 | 6 |

SIGN DETAIL
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Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths M.U.T.C.D.: 2009 Edition Letter locations are panel edge to lower left corner

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|---------------|--|
| SIGN NUMBER | D1-2 |
| WIDTH x HGHT. | 7'-6" x 2'-6" |
| BORDER WIDTH | 1" |
| CORNER RADIUS | 2.25" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Color 122 |
| LEGENDBORDER | TYPE: Reflective COLOR: Black/White/Black/White |

| SYMBOL | ROT | X | Y | WID | HT |
|-----------|-----|-----|------|-----|----|
| AR_Type B | 0 | 4.7 | 16.2 | 8.8 | 10 |
| AR_Type B | 90 | 5.4 | 4.1 | 8.8 | 10 |
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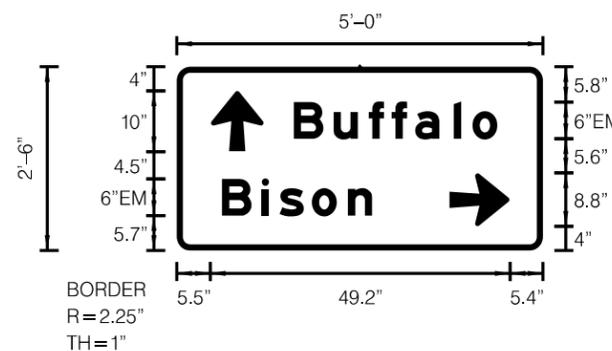
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| B | e | l | l | e | F | o | u | r | c | h | e | | | | | EM 2000 |
| 19.4 | 25.4 | 31.2 | 34.8 | 37.9 | 41.8 | 47.8 | 53.3 | 59.3 | 65.6 | 69.5 | 75.4 | 81.2 | | | 65.8 | 64.5 |
| B | i | s | o | n | | | | | | | | | | | | EM 2000 |
| 60.6 | 67.1 | 70.1 | 75.3 | 81.3 | | | | | | | | | | | 24.7 | 64.5 |

SIGN DESIGN LAYOUT

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|-----------------------|---------------|-------|--------------|
| STATE OF SOUTH DAKOTA | PROJECT | SHEET | TOTAL SHEETS |
| | H 0085(81)112 | S8 | S13 |

Plotting Date: 10/16/2014

SIGN DETAIL
1:25



Panel Style: guide_con_destination.ssi
Dimensions are in inches.tenths M.U.T.C.D.: 2009 Edition Letter locations are panel edge to lower left corner

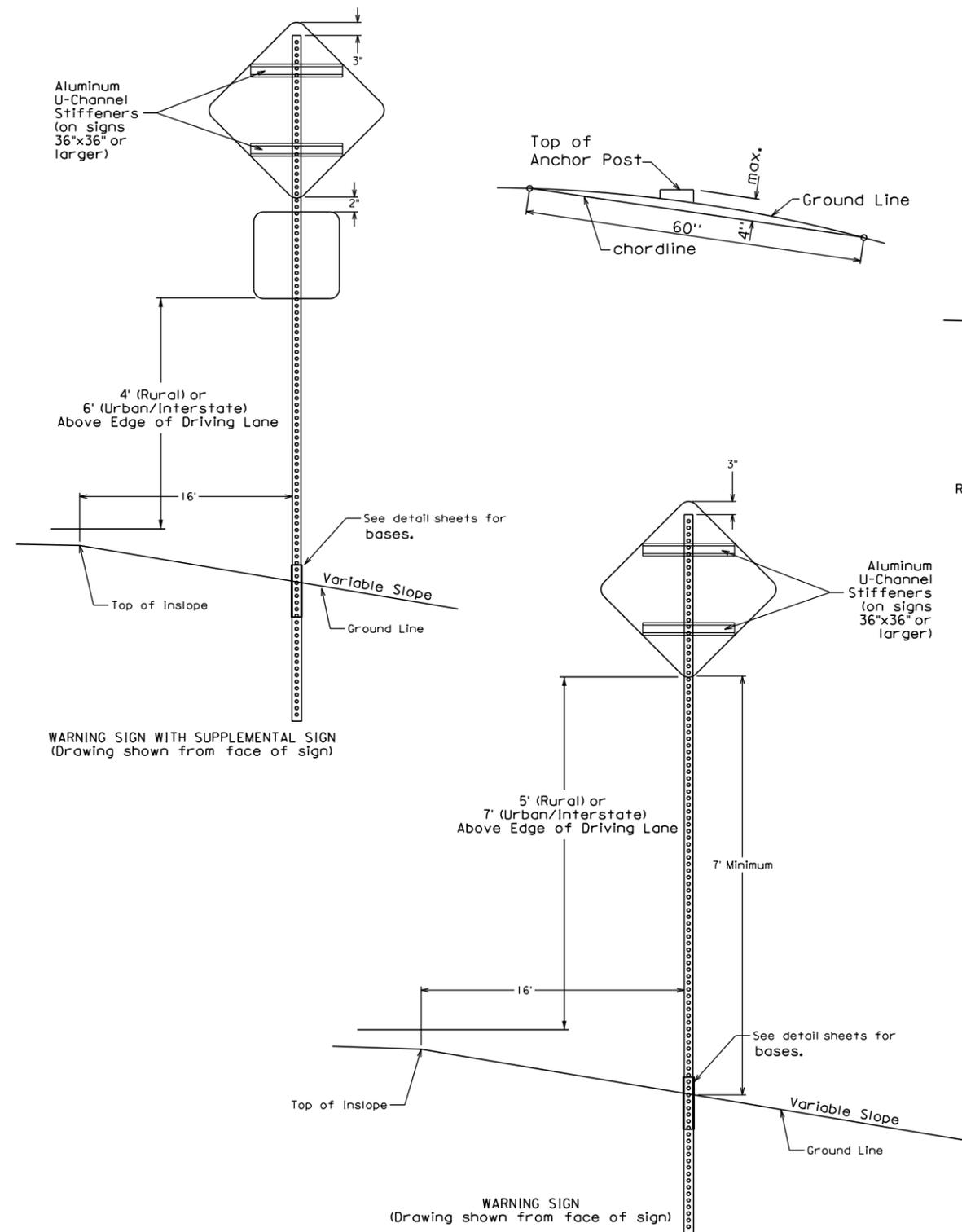
| | |
|---------------|----------------------------------|
| SIGN NUMBER | D1-2 |
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| BORDER WIDTH | 1" |
| CORNER RADIUS | 2.25" |
| MOUNTING | Ground |
| BACKGROUND | TYPE: Reflective COLOR: Green |
| LEGENDBORDER | TYPE: Reflective COLOR: White |

| SYMBOL | ROT | X | Y | WID | HT |
|-----------|-----|------|------|-----|----|
| AR_Type B | 0 | 5.5 | 16.2 | 8.8 | 10 |
| AR_Type B | 270 | 44.8 | 4 | 8.8 | 10 |
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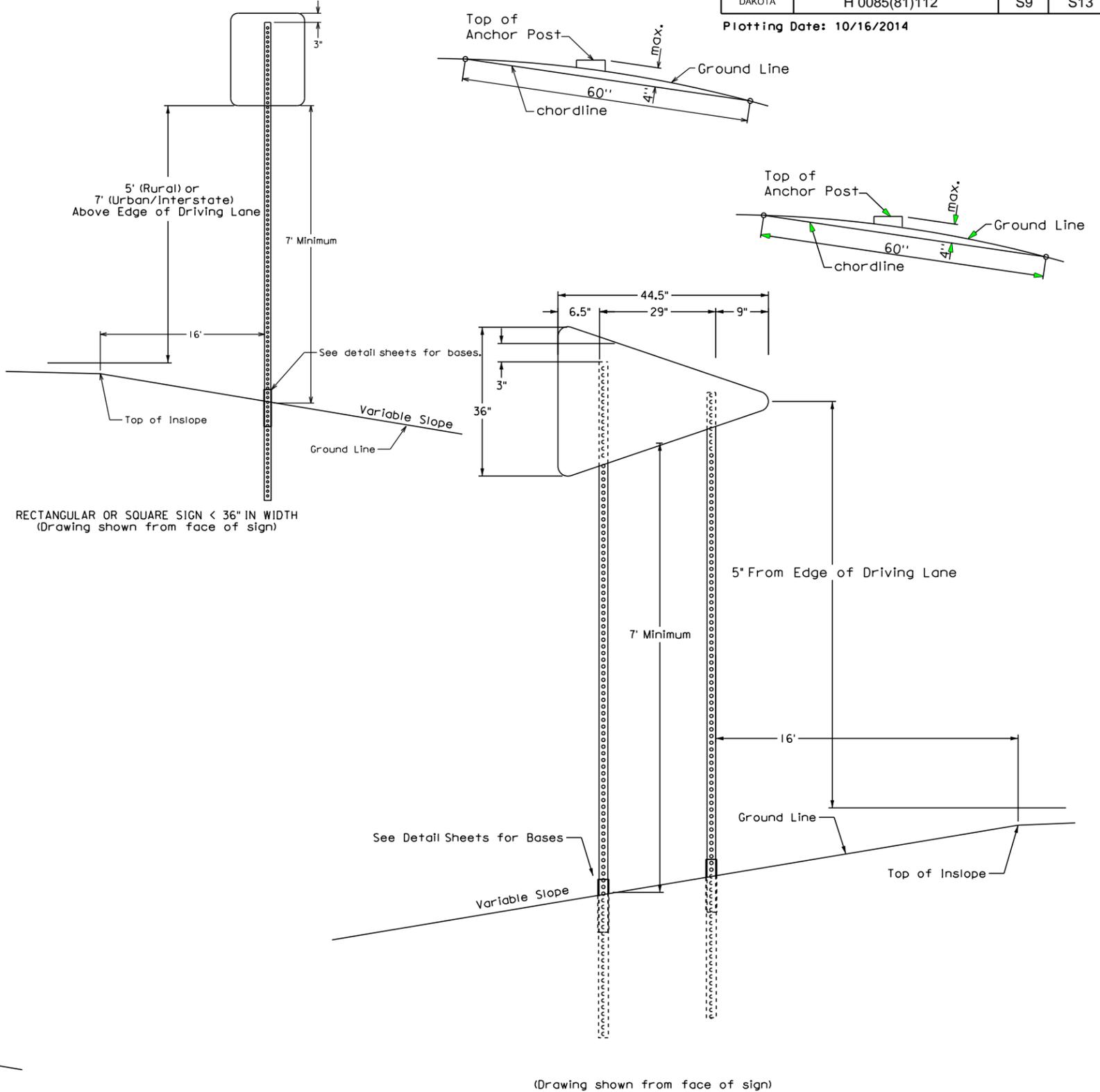
| LETTER POSITIONS (X) | | | | | | | | | | | | | LENGTH | SERIESSIZE | | |
|----------------------|------|------|------|------|------|------|--|--|--|--|--|--|--------|------------|------|---------|
| B | u | f | f | a | l | o | | | | | | | | | | EM 2000 |
| 19.2 | 25.7 | 31.5 | 35.3 | 39.1 | 45.5 | 48.5 | | | | | | | | | 33.5 | 64.5 |
| B | i | s | o | n | | | | | | | | | | | | EM 2000 |
| 7.4 | 14 | 16.9 | 22.2 | 28.1 | | | | | | | | | | | 24.7 | 64.5 |

| | | | |
|-----------------------|--------------------------|-------------|---------------------|
| STATE OF SOUTH DAKOTA | PROJECT H 0085(81)112 | SHEET S9 | TOTAL SHEETS S13 |
|-----------------------|--------------------------|-------------|---------------------|

Plotting Date: 10/16/2014

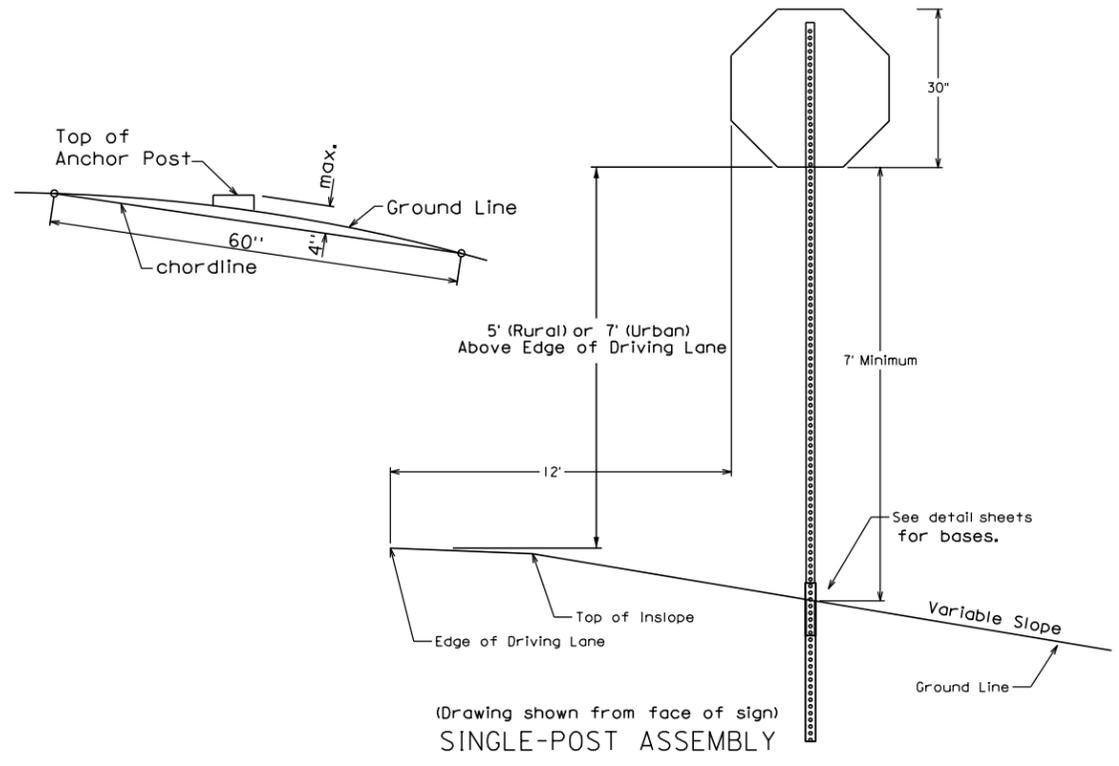


TYPICAL ERECTION DETAILS FOR WARNING SIGNS

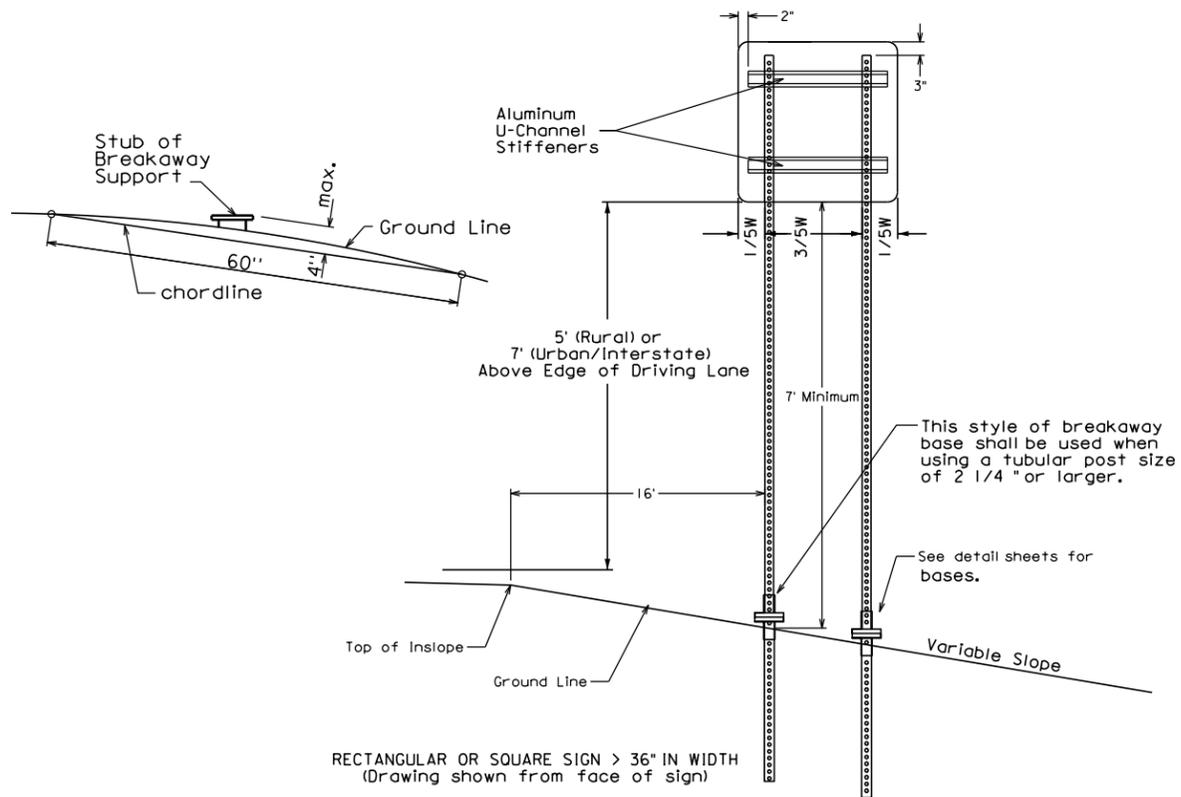


PLOT SCALE - 1:200

PLOT NAME - 8

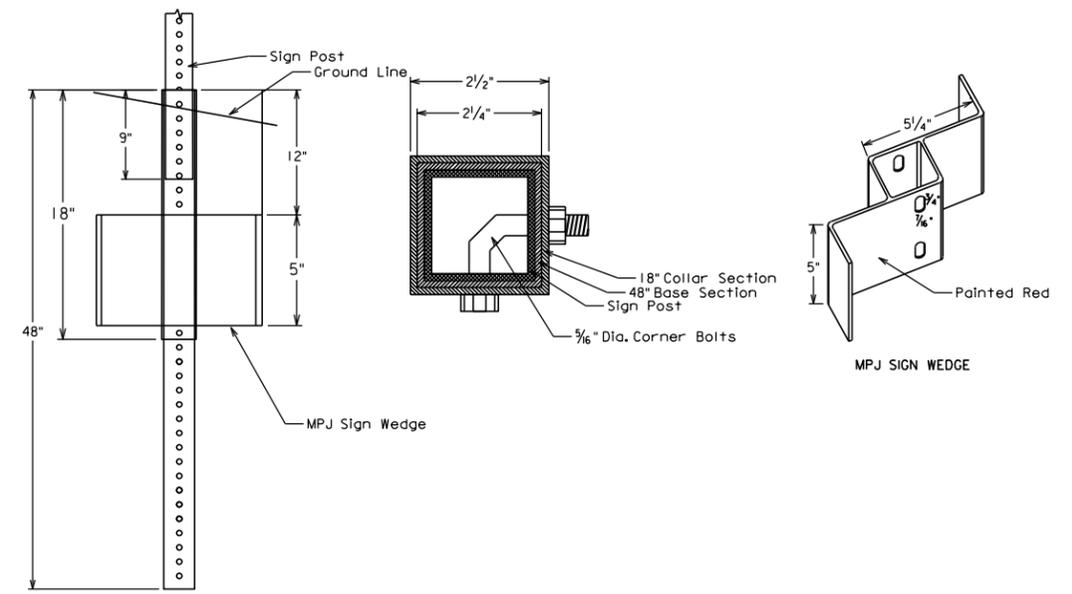


TYPICAL ERECTION DETAILS FOR STOP SIGNS

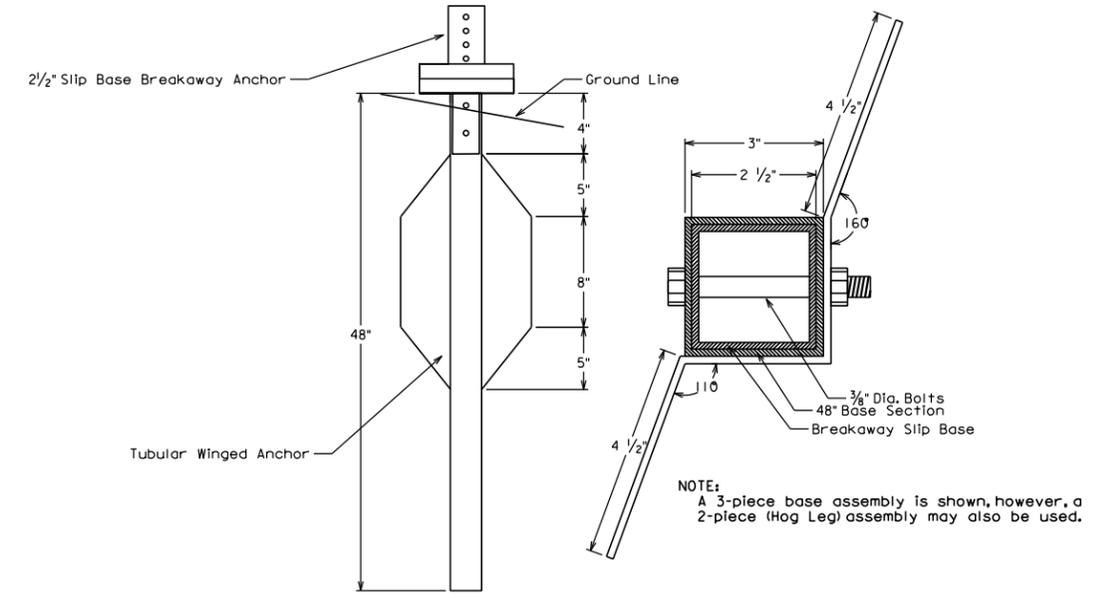


TYPICAL ERECTION DETAILS FOR SQUARE OR RECTANGULAR SIGNS

SIGN BASE DETAILS FOR A 2" SIGN POST



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



TUBULAR POST BASE DETAILS

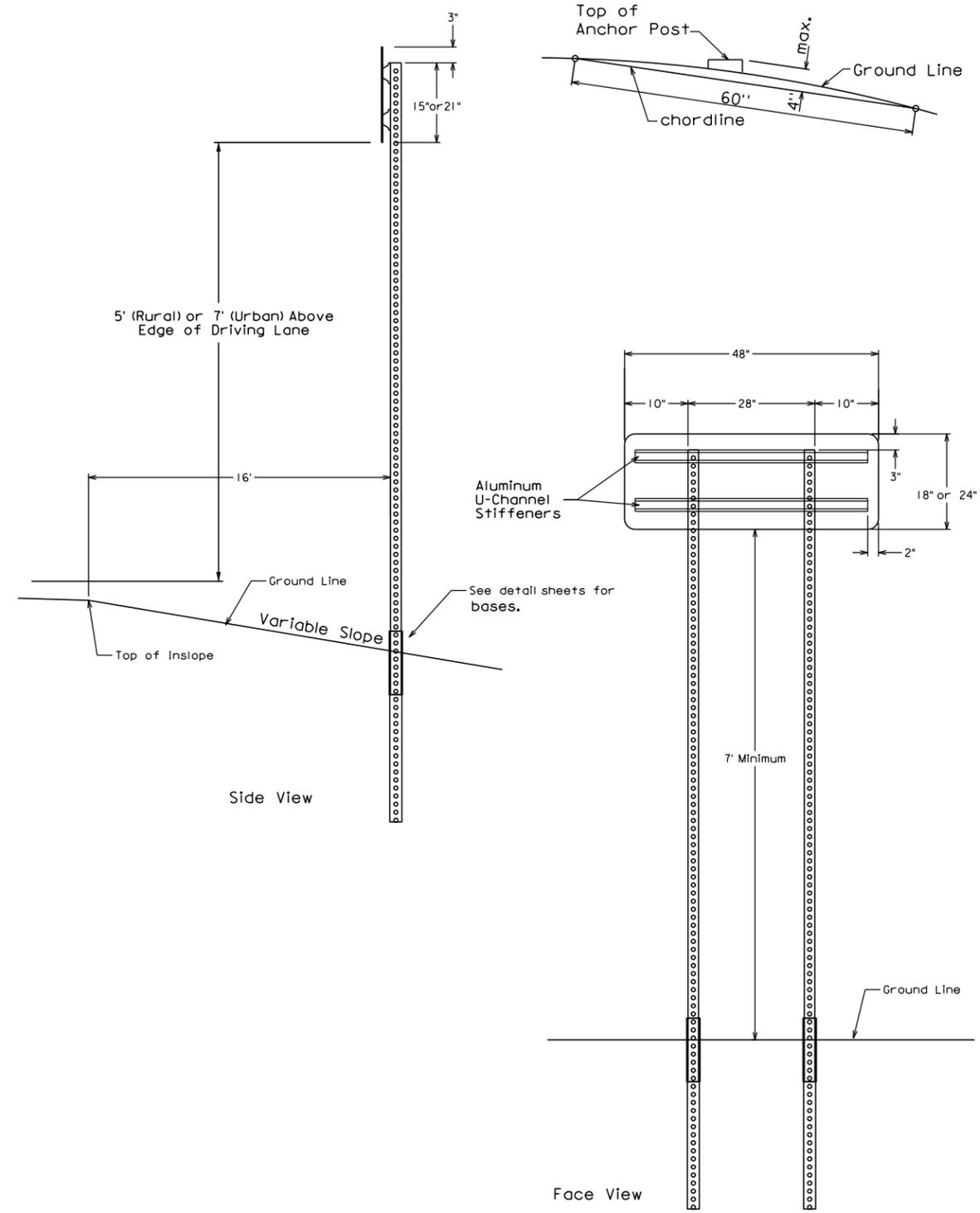
PLOTTED FROM - TRRC11628

FILE - ... \SIGNSUPPORTSTANDARDS.DGN

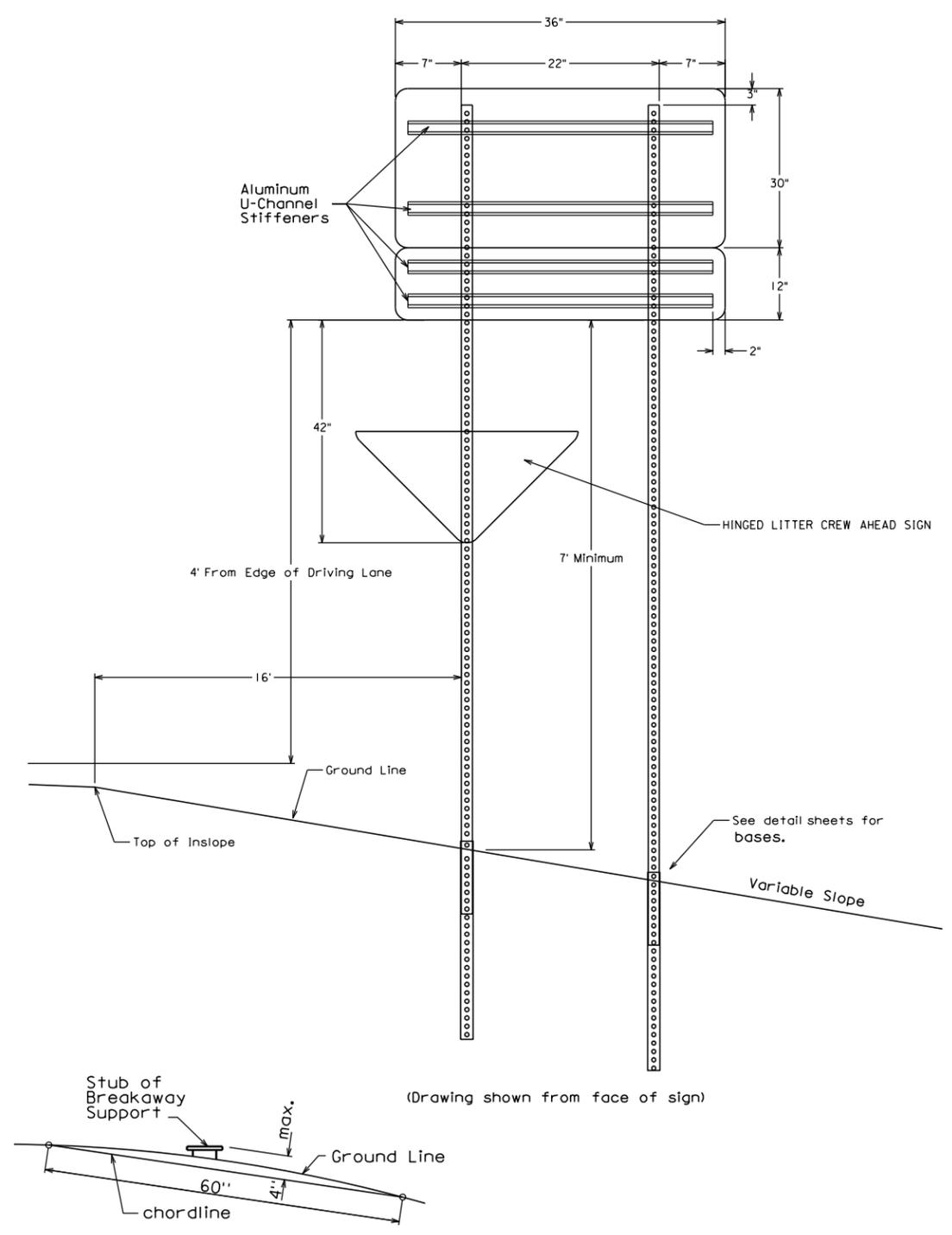
PLOT SCALE - 1:200

PLOT NAME - 9

FILE - ... \SIGNSUPPORTSTANDARDS.DGN



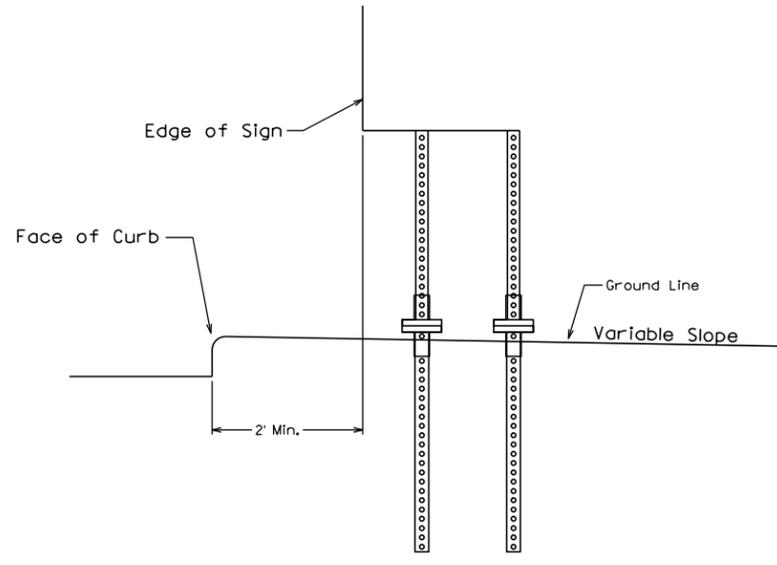
TYPICAL ERECTION DETAILS FOR ONE WAY SIGN OR LARGE ARROW SIGN



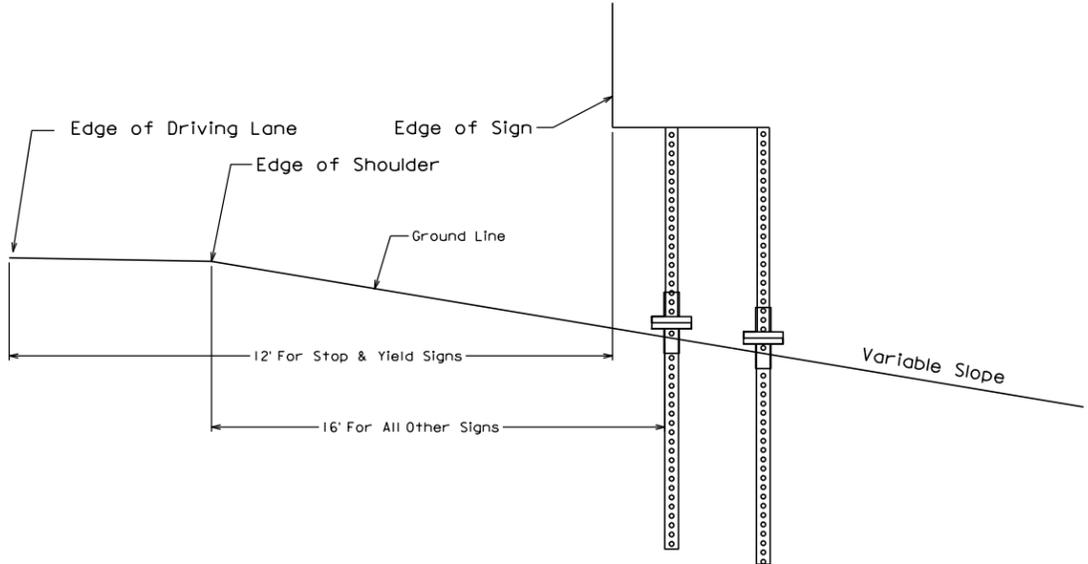
TYPICAL ERECTION DETAILS FOR ADOPT-A-HIGHWAY SIGN WITH CLUB SIGN AND LITTER CREW SIGN

PLOTTED FROM - TRRC11628

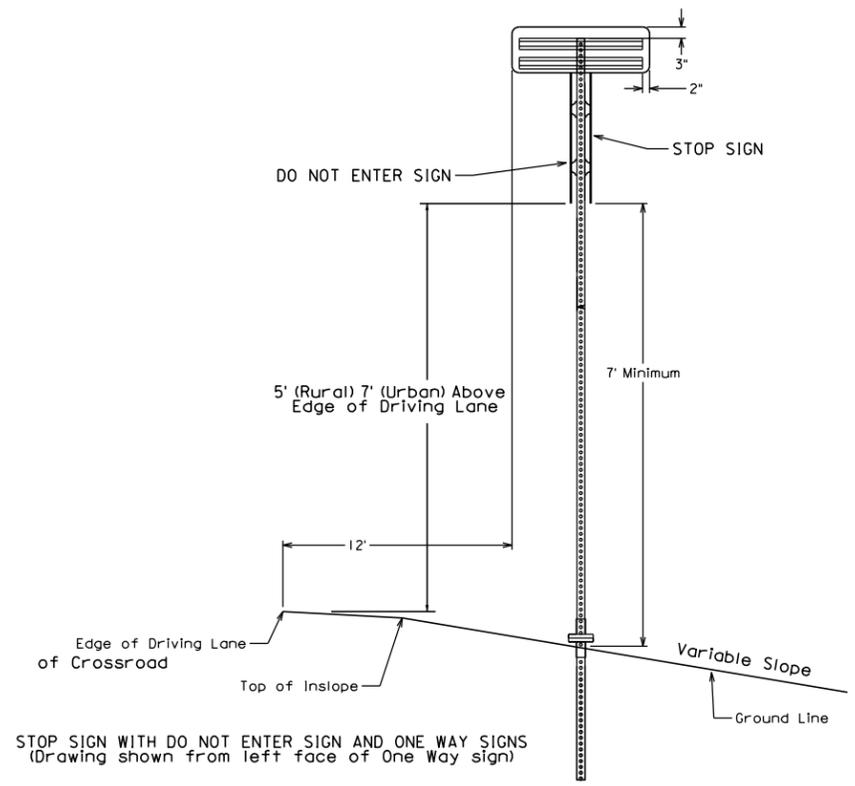
Plotting Date: 10/16/2014



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



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



STOP SIGN WITH DO NOT ENTER SIGN AND ONE WAY SIGNS
(Drawing shown from left face of One Way sign)

**LATERAL LOCATION FOR
URBAN & RURAL SIGNS**

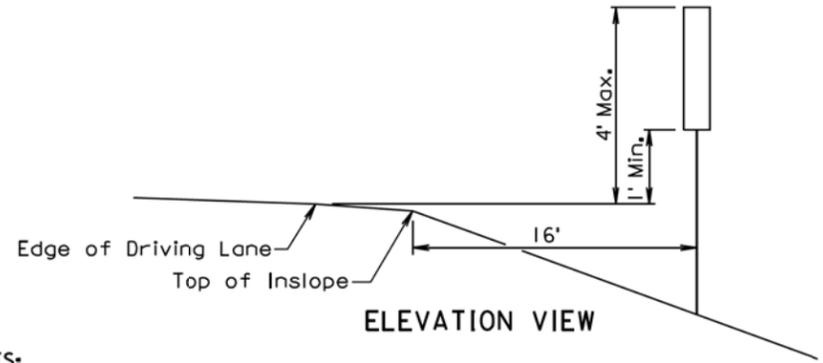
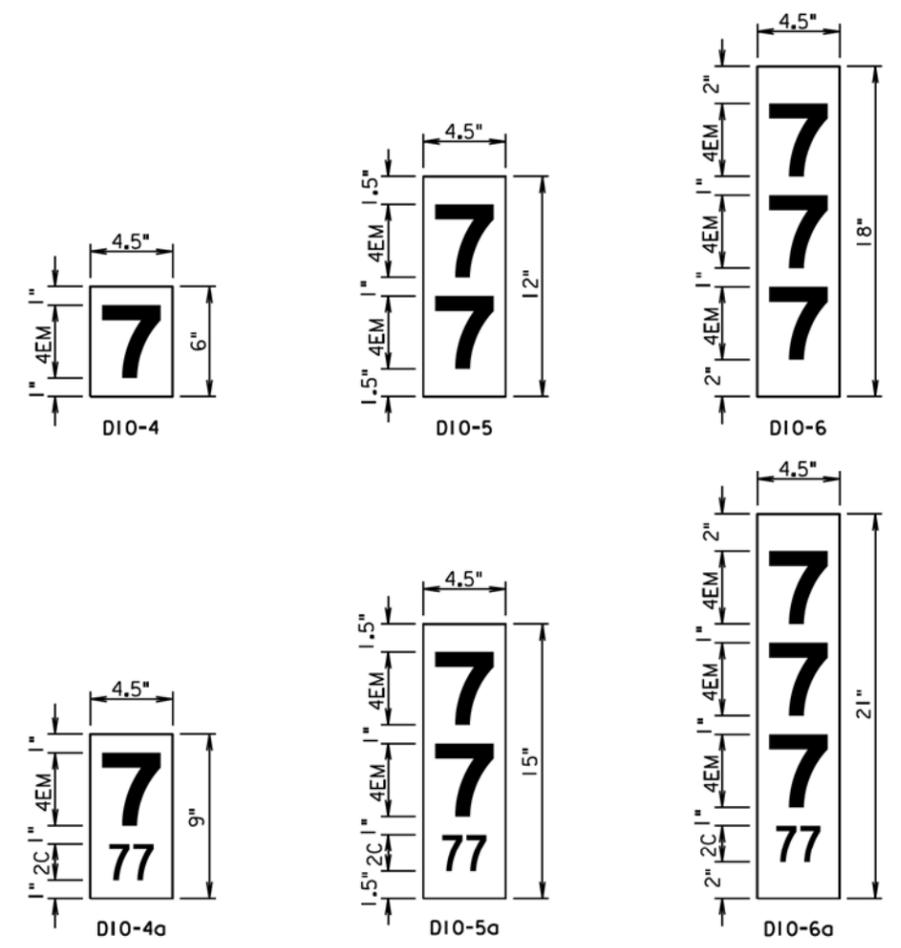
PLOT SCALE - 1:200

PLOTTED FROM - TRRC11628

PLOT NAME - 10

FILE - ... \SIGNSUPPORTSTANDARDS.DGN

Plotting Date: 10/16/2014



GENERAL NOTES:

- Background shall be high intensity green.
- Legend shall be high intensity white.
- Signs shall have squared corners with no border.
- Sign locations shall be staked by the Engineer.

December 23, 2003

| | | |
|----------------------------------|---|--------------------------------|
| S D D O T | NON-INTERSTATE MILEAGE REFERENCE MARKERS | PLATE NUMBER 632.30 |
| | <i>Published Date: 3rd Qtr. 2014</i> | <i>Sheet 1 of 1</i> |

PLOT SCALE - 1:200

-PLOTTED FROM - TRRC11628

PLOT NAME - 11

FILE - ... \0366_SECTIONSDPLATE1.DGN