

|                             |              |       |                 |
|-----------------------------|--------------|-------|-----------------|
| STATE OF<br>SOUTH<br>DAKOTA | PROJECT      | SHEET | TOTAL<br>SHEETS |
|                             | PH 0040(214) | S1    | S6              |

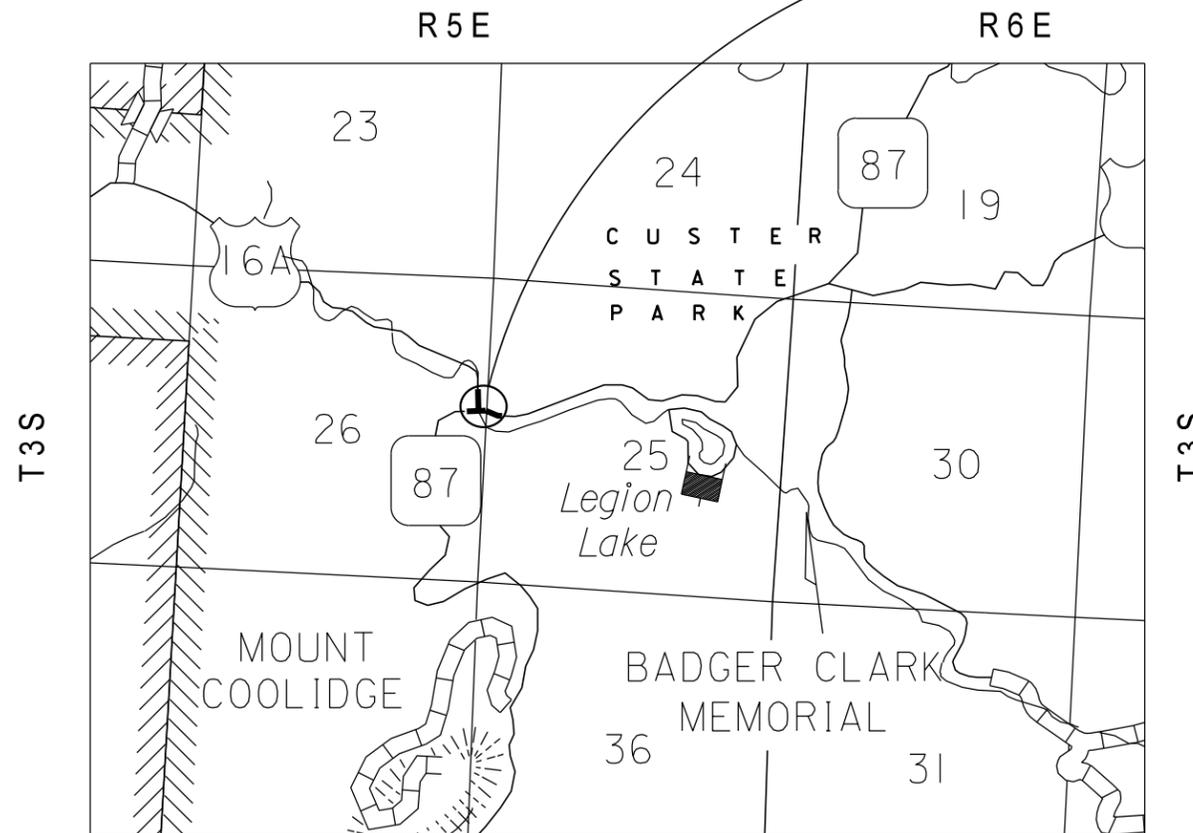
Plotting Date: 11/05/2015

# Section S: Permanent Signing Plans

## INDEX OF SHEETS

- S1: General Layout W/Index
- S2 to S3: Estimate of Quantities & Plan Notes
- S4: Layout Sheet
- S5 to S6: Typical Details

Project PH 0040(214)  
Sta 0+00 to 10+00  
MRM 29.110 to 29.244  
R 6 E



Plot Scale - 1:200

Plotted From - trcs12695

PLOT NAME - ..\P\PH0040(214)\SIGNING\0040(214)S1.TITLES.DGN

**ESTIMATE OF QUANTITIES**

| BID ITEM NUMBER | ITEM  | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 110E5020        | Salvage Traffic Sign  | 22       | Each |
| 632E1320        | 2.0"x2.0" Perforated Tube Post                                  | 24.0     | Ft   |
| 632E3203        | Flat Aluminum Sign, Nonremovable Copy High Intensity            | 23.8     | SqFt |
| 632E3205        | Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity | 46.6     | SqFt |
| 632E3520        | Remove, Salvage, Relocate, and Reset Traffic Sign               | 13       | 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 at the contract unit price per square foot for each type of sign based on sheeting requirements. 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 the associated size Perforated Tube Post. Breakaway post details regarding posts, hardware, and bases shall be followed as per the manufacturer'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 the temporary traffic control portion 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.

**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.

All 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.

**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 Spearfish 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 for 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 Spearfish maintenance yard.

**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 for 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.

**SIGN LEGEND, BORDER, BACKGROUND, AND MOUNTING**

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

All W-series warning signs and plaques shall be fluorescent yellow.

All other 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.

**PERMANENT SIGNING - Hwy 16A - MRM: 29.00 To 30.00**

| EXISTING MRM<br>(Approx.) | NEW MRM<br>(Approx.) | SIGN    |               |                |                |           |                    |                   |                  | POST     |                |              |               |                    | SIGN DESCRIPTION                                   | WORK TO BE DONE   |
|---------------------------|----------------------|---------|---------------|----------------|----------------|-----------|--------------------|-------------------|------------------|----------|----------------|--------------|---------------|--------------------|--|---|
|                           |                      | Number  | Width<br>(in) | Height<br>(in) | Facing Traffic | New Sign  | Remove<br>Existing | Square<br>Footage | Sheeting<br>Type | New Post | Length<br>(ft) | Size<br>(in) | # of<br>Posts | Shear<br>Slip Base |  |   |
| 29.00+0.024               | SAME                 | M2-1    | 21            | 15             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | JUNCTION MARKER                                    | LEAVE AS IS   |
| 29.00+0.024               | SAME                 | M1-5    | 24            | 24             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | LEAVE AS IS   |
| 29.00+0.045               | SAME                 | W1-6    | 48            | 24             | WESTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE                      | LEAVE AS IS   |
| 29.00+0.060               | SAME                 | D1-2A   | 108           | 36             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DESTINATION - 2 LINES W/ARROW/MILEAGE              | LEAVE AS IS   |
| 29.00+0.079               | SAME                 | M1-5    | 30            | 24             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | LEAVE AS IS   |
| 29.00+0.079               | SAME                 | M1-5    | 24            | 24             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | LEAVE AS IS   |
| 29.00+0.079               | SAME                 | M6-1    | 21            | 15             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE                      | LEAVE AS IS   |
| 29.00+0.079               | SAME                 | M6-1    | 21            | 15             | EASTBOUND      | FLAT ALUM | YES                | 2.2               | IV               | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE (STATE/COUNTY ROADS) | SALVAGE EXISTING "DIR ARROW 45 RIGHT SINGLE" SIGN & INSTALL NEW "DIR ARROW HORIZ SINGLE" SIGN |
| 29.00+0.079               | SAME                 | M3-3    | 24            | 12             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - SOUTH                         | LEAVE AS IS   |
| 29.00+0.079               | SAME                 | M3-2    | 24            | 12             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - EAST                          | LEAVE AS IS   |
| 29.00+0.092               | SAME                 | M1-4    | 30            | 24             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)                         | REMOVE EXISTING SIGN & RESET AT NEW OFFSET ON EXISTING POSTS                                  |
| 29.00+0.092               | SAME                 | M3-4    | 24            | 12             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - WEST                          | REMOVE EXISTING SIGN & RESET AT NEW OFFSET ON EXISTING POSTS                                  |
| 29.00+0.128               | SAME                 | M1-5    | 24            | 24             | SOUTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | REMOVE EXISTING SIGN & RESET AT NEW OFFSET ON EXISTING POSTS                                  |
| 29.00+0.128               | SAME                 | M3-3    | 24            | 12             | SOUTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - SOUTH                         | REMOVE EXISTING SIGN & RESET AT NEW OFFSET ON EXISTING POSTS                                  |
| 29.00+0.138               | N/A                  | W3-1A   | 36            | 36             | SOUTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | STOP AHEAD SYMBOL                                  | SALVAGE EXISTING SIGN   |
| 29.00+0.142               | 29.00+0.092          | RS-NS1C | 120           | 42             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage     | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.00+0.144               | 29.00+0.105          | RS-NS1C | 120           | 42             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage     | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.00+0.146               | N/A                  | R1-1    | 30            | 30             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | STOP   | SALVAGE EXISTING SIGN   |
| 29.00+0.152               | N/A                  | ST SIGN | 24            | 8              | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | US HWY 16A STREET NAME SIGN                        | SALVAGE EXISTING SIGN   |
| 29.00+0.152               | N/A                  | ST SIGN | 24            | 8              | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | SD HWY 87 STREET NAME SIGN                         | SALVAGE EXISTING SIGN   |
| 29.00+0.157               | N/A                  | M1-5    | 30            | 24             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | SALVAGE EXISTING SIGN   |
| 29.00+0.157               | N/A                  | M1-4    | 24            | 24             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)                         | SALVAGE EXISTING SIGN   |
| 29.00+0.157               | N/A                  | M3-2    | 24            | 12             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - EAST                          | SALVAGE EXISTING SIGN   |
| 29.00+0.157               | N/A                  | M3-1    | 24            | 12             | EASTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - NORTH                         | SALVAGE EXISTING SIGN   |
| 29.00+0.163               | 29.00+0.038          | RS-NS1C | 120           | 42             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage     | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.00+0.164               | 29.20+0.058          | RS-NS1C | 120           | 42             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage     | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.00+0.171               | SAME                 | R1-1    | 48            | 48             | NORTHBOUND     | FLAT ALUM | YES                | 13.3              | XI               | NO       | -              | -            | -             | -                  | STOP   | SALVAGE EXISTING SIGN & INSTALL NEW SIGN AT NEW OFFSET ON EXISTING POSTS                      |
| N/A                       | 29.00+0.171          | R5-1    | 30            | 30             | NORTHBOUND     | FLAT ALUM | N/A                | 6.3               | XI               | NO       | -              | -            | -             | -                  | DO NOT ENTER                                       | INSTALL NEW SIGN ON EXISTING "STOP" POST  |
| N/A                       | 29.00+0.171          | R6-1L   | 36            | 12             | EASTBOUND      | FLAT ALUM | N/A                | 3.0               | IV               | NO       | -              | -            | -             | -                  | ONE WAY LEFT                                       | INSTALL NEW SIGN ON EXISTING "STOP" POST  |
| N/A                       | 29.00+0.171          | R6-1R   | 36            | 12             | WESTBOUND      | FLAT ALUM | N/A                | 3.0               | IV               | NO       | -              | -            | -             | -                  | ONE WAY RIGHT                                      | INSTALL NEW SIGN ON EXISTING "STOP" POST  |
| 29.20+0.019               | SAME                 | M1-4    | 30            | 24             | WESTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)                         | LEAVE AS IS   |
| 29.20+0.019               | SAME                 | M1-5    | 24            | 24             | WESTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | LEAVE AS IS   |
| 29.20+0.019               | SAME                 | M6-1    | 21            | 15             | WESTBOUND      | FLAT ALUM | YES                | 2.2               | IV               | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE (STATE/COUNTY ROADS) | SALVAGE EXISTING "DIR ARROW 45 LEFT SINGLE" SIGN & INSTALL NEW "DIR ARROW HORIZ SINGLE" SIGN  |
| 29.20+0.019               | SAME                 | M6-1    | 21            | 15             | WESTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE                      | LEAVE AS IS   |
| 29.20+0.024               | SAME                 | M1-4    | 30            | 24             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)                         | LEAVE AS IS   |
| 29.20+0.024               | SAME                 | M1-5    | 24            | 24             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | LEAVE AS IS   |
| 29.20+0.024               | SAME                 | M3-2    | 24            | 12             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - EAST                          | LEAVE AS IS   |
| 29.20+0.024               | SAME                 | M3-1    | 24            | 12             | EASTBOUND      | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - NORTH                         | LEAVE AS IS   |
| 29.20+0.053               | 29.20+0.078          | RS-NS1C | 108           | 36             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage     | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.20+0.103               | 29.20+0.128          | M1-5    | 24            | 24             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                  | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |
| 29.20+0.103               | 29.20+0.128          | M2-1    | 21            | 15             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | JUNCTION MARKER                                    | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                |

**PERMANENT SIGNING - Hwy 87 - MRM: 57.00 To 58.00**

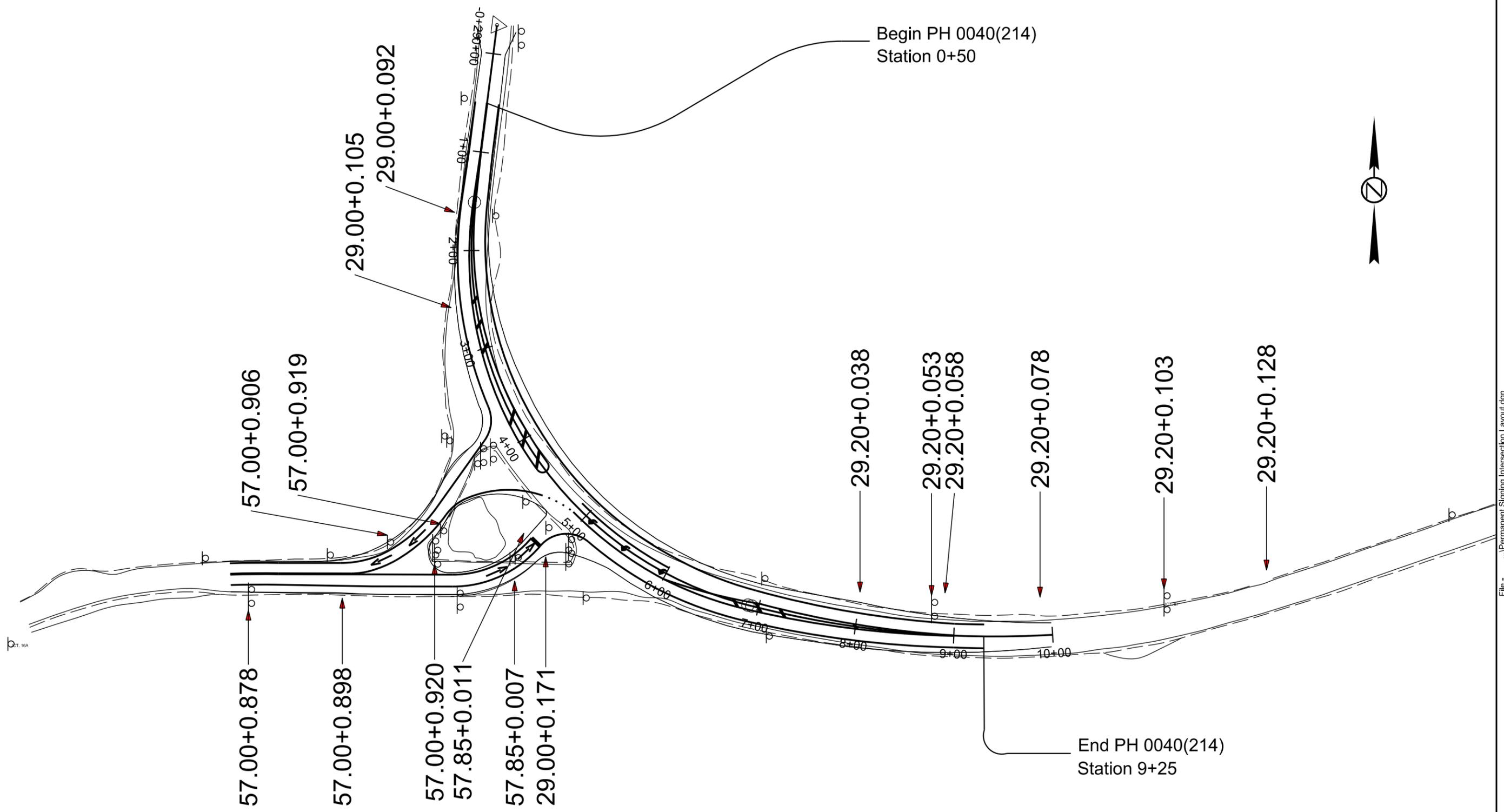
| EXISTING MRM<br>(Approx.) | NEW MRM<br>(Approx.) | SIGN    |               |                |                |           |                    |                   |                  | POST     |                |              |               |                    | SIGN DESCRIPTION  | WORK TO BE DONE   |
|---------------------------|----------------------|---------|---------------|----------------|----------------|-----------|--------------------|-------------------|------------------|----------|----------------|--------------|---------------|--------------------|---|---|
|                           |                      | Number  | Width<br>(in) | Height<br>(in) | Facing Traffic | New Sign  | Remove<br>Existing | Square<br>Footage | Sheeting<br>Type | New Post | Length<br>(ft) | Size<br>(in) | # of<br>Posts | Shear<br>Slip Base |   |   |
| 57.00+0.833               | SAME                 | M1-4    | 30            | 24             | NORTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)  | LEAVE AS IS   |
| 57.00+0.833               | SAME                 | M2-1    | 21            | 15             | NORTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | JUNCTION MARKER   | LEAVE AS IS   |
| 57.00+0.871               | SAME                 | W1-2L   | 30            | 30             | SOUTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | LEFT CURVE ARROW  | LEAVE AS IS   |
| 57.00+0.878               | SAME                 | M1-5    | 24            | 24             | NORTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                                   | LEAVE AS IS   |
| 57.00+0.878               | SAME                 | M1-4    | 30            | 24             | NORTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)  | LEAVE AS IS   |
| 57.00+0.878               | SAME                 | M6-4    | 21            | 15             | NORTHBOUND     | FLAT ALUM | YES                | 2.2               | IV               | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL DOUBLE                                       | SALVAGE EXISTING "DIR ARROW LEFT VERT 90 DOUBLE" SIGN & INSTALL NEW "DIR ARROW HORIZ DOUBLE" SIGN |
| 57.00+0.878               | SAME                 | M6-1    | 21            | 15             | NORTHBOUND     | FLAT ALUM | YES                | 2.2               | IV               | NO       | -              | -            | -             | -                  | DIR ARROW - HORIZONTAL SINGLE (STATE/COUNTY ROADS)                  | SALVAGE EXISTING "DIR ARROW VERT SINGLE" SIGN & INSTALL NEW "DIR ARROW HORIZ SINGLE" SIGN         |
| 57.00+0.893               | SAME                 | M3-3    | 24            | 12             | SOUTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - SOUTH  | LEAVE AS IS   |
| 57.00+0.893               | SAME                 | M1-5    | 24            | 24             | SOUTHBOUND     | N/A       | NO                 | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                                   | LEAVE AS IS   |
| 57.00+0.906               | SAME                 | R5-1    | 36            | 36             | NORTHBOUND     | FLAT ALUM | YES                | 9.0               | XI               | NO       | -              | -            | -             | -                  | DO NOT ENTER  | SALVAGE EXISTING SOUTHBOUND "STOP" SIGN & INSTALL NEW NORTHBOUND "DO NOT ENTER" SIGN              |
| 57.00+0.916               | 57.00+0.898          | RS-NS1C | 120           | 42             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage (Legion Lake, etc)   | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                    |
| 57.00+0.916               | N/A                  | M3-2    | 24            | 12             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - EAST   | SALVAGE EXISTING SIGN   |
| 57.00+0.916               | N/A                  | M3-1    | 24            | 12             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - NORTH  | SALVAGE EXISTING SIGN   |
| 57.00+0.916               | N/A                  | M1-4    | 30            | 24             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (US HIGHWAYS)  | SALVAGE EXISTING SIGN   |
| 57.00+0.916               | N/A                  | M1-5    | 24            | 24             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                                   | SALVAGE EXISTING SIGN   |
| 57.00+0.919               | SAME                 | R5-1    | 36            | 36             | NORTHBOUND     | FLAT ALUM | YES                | 9.0               | XI               | NO       | -              | -            | -             | -                  | DO NOT ENTER  | SALVAGE EXISTING "ROUTE MARKER" SIGN & INSTALL NEW "DO NOT ENTER" SIGN                            |
| 57.00+0.919               | N/A                  | M3-4    | 24            | 12             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - WEST   | SALVAGE EXISTING SIGN   |
| 57.00+0.920               | 57.85+0.007          | RS-NS1C | 120           | 42             | NORTHBOUND     | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | Recreation Destination Text w / Arrow /Mileage (Stockade Lake, etc) | REMOVE EXISTING SIGN & RESET AT NEW LOCATION ON EXISTING POSTS                                    |
| N/A                       | 57.00+0.920          | R4-7A   | 18            | 24             | NORTHBOUND     | FLAT ALUM | N/A                | 3.0               | IV               | YES      | 12             | 2.0          | 1             | NO                 | KEEP RIGHT  | INSTALL NEW SIGN & POST   |
| 57.85+0.007               | N/A                  | M3-3    | 24            | 12             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | DIRECTIONAL MARKER - SOUTH  | SALVAGE EXISTING SIGN   |
| 57.85+0.007               | N/A                  | M1-5    | 24            | 24             | WESTBOUND      | N/A       | YES                | -                 | -                | NO       | -              | -            | -             | -                  | ROUTE MARKER (STATE/COUNTY ROADS)                                   | SALVAGE EXISTING SIGN   |
| N/A                       | 57.85+0.011          | R5-1    | 36            | 36             | NORTHBOUND     | FLAT ALUM | N/A                | 9.0               | XI               | YES      | 12             | 2.0          | 1             | NO                 | DO NOT ENTER  | INSTALL NEW SIGN & POST   |
| N/A                       | 57.85+0.011          | R6-1L   | 36            | 12             | EASTBOUND      | FLAT ALUM | N/A                | 3.0               | IV               | NO       | -              | -            | -             | -                  | ONE WAY LEFT  | INSTALL NEW SIGN ON NEW "DO NOT ENTER" POST   |
| N/A                       | 57.85+0.011          | R6-1R   | 36            | 12             | WESTBOUND      | FLAT ALUM | N/A                | 3.0               | IV               | NO       | -              | -            | -             | -                  | ONE WAY RIGHT   | INSTALL NEW SIGN ON NEW "DO NOT ENTER" POST   |

# PERMANENT SIGNING LAYOUT

|                             |              |       |                 |
|-----------------------------|--------------|-------|-----------------|
| STATE OF<br>SOUTH<br>DAKOTA | PROJECT      | SHEET | TOTAL<br>SHEETS |
|                             | PH 0040(214) | S4    | S6              |
| Plotting Date: 11/05/2015   |              |       |                 |

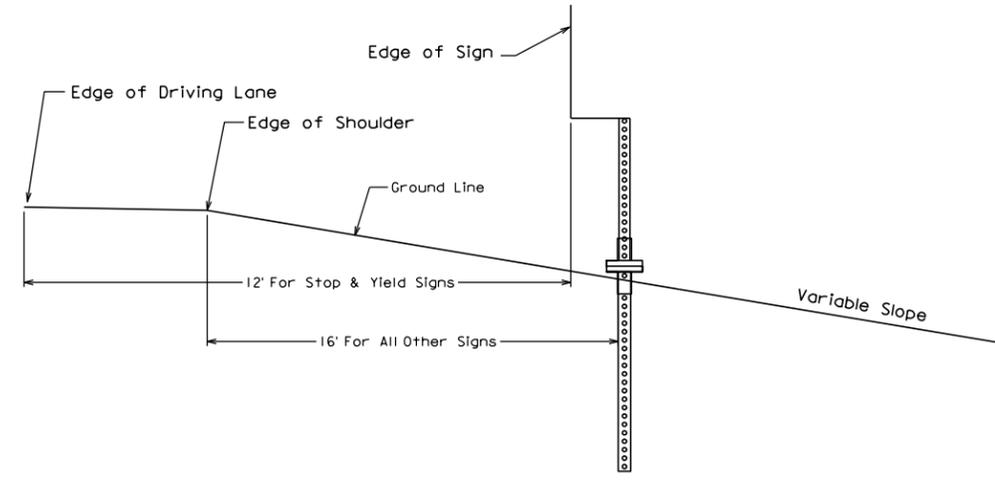
Plot Scale - 1:100

Plotted From - trcs12695

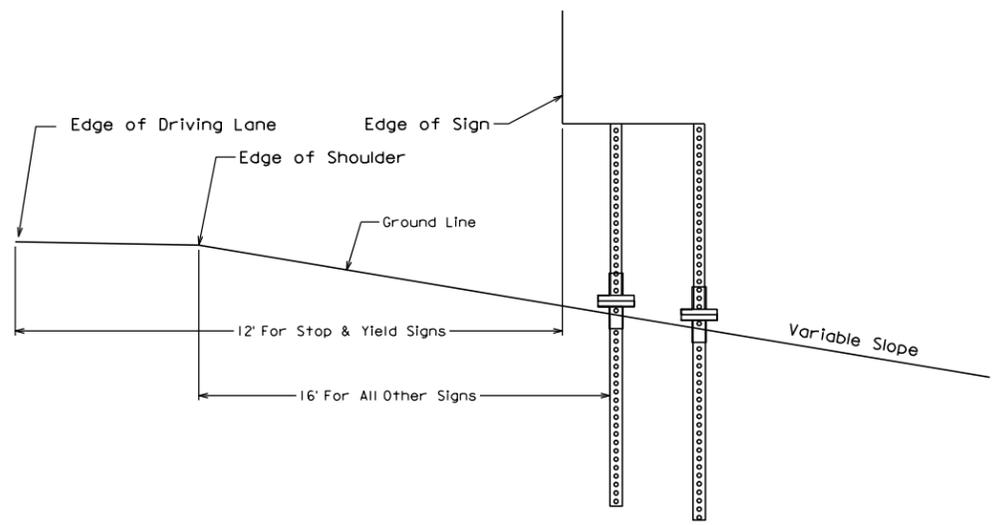
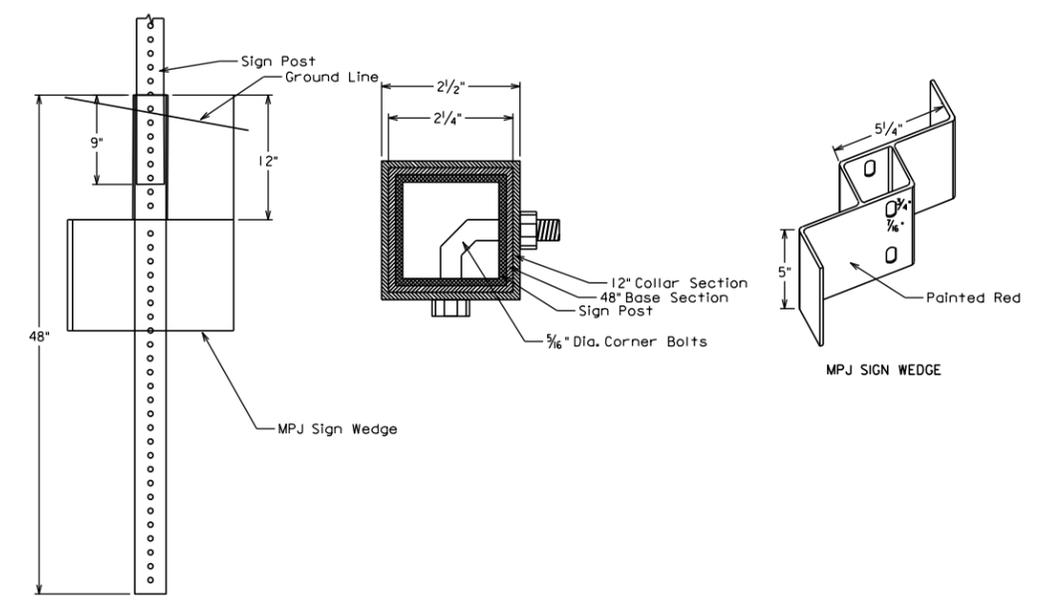


File - ...Permanent Signing Intersection Layout.dgn

SIGN BASE DETAILS FOR A 2" SIGN POST



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

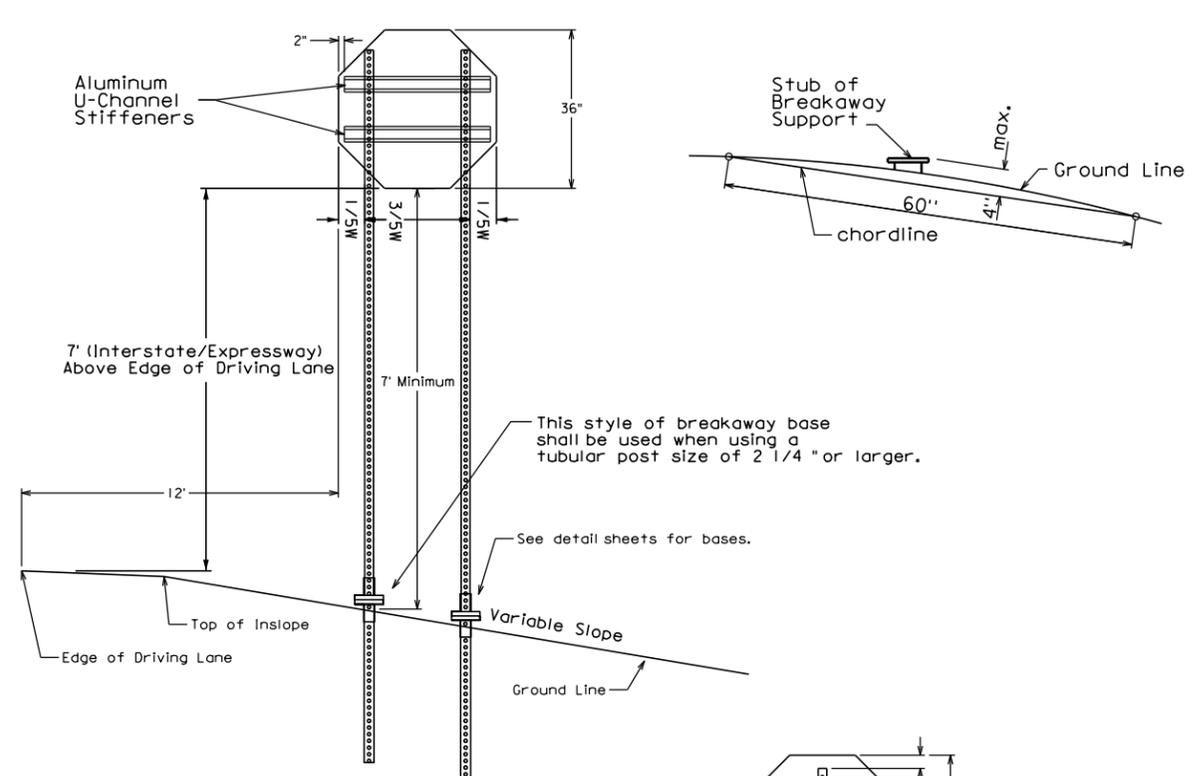


RURAL LOCATION WITH 2 POSTS  
(Drawing shown from face of sign)

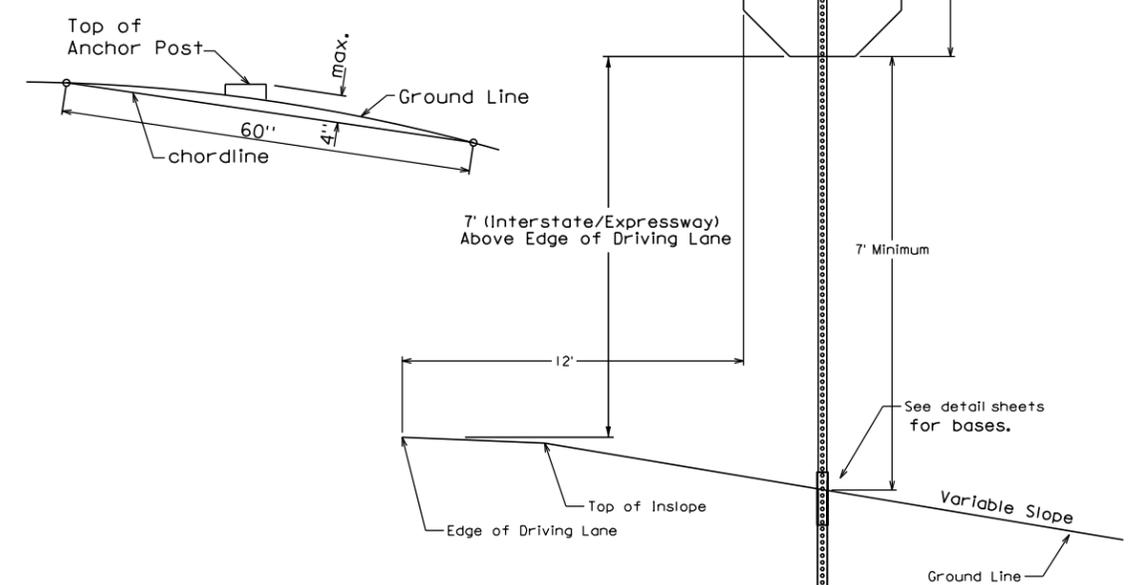
**LATERAL LOCATION FOR  
RURAL SIGNS**

Plot Scale - 1:200

Plotted From - trcs12695

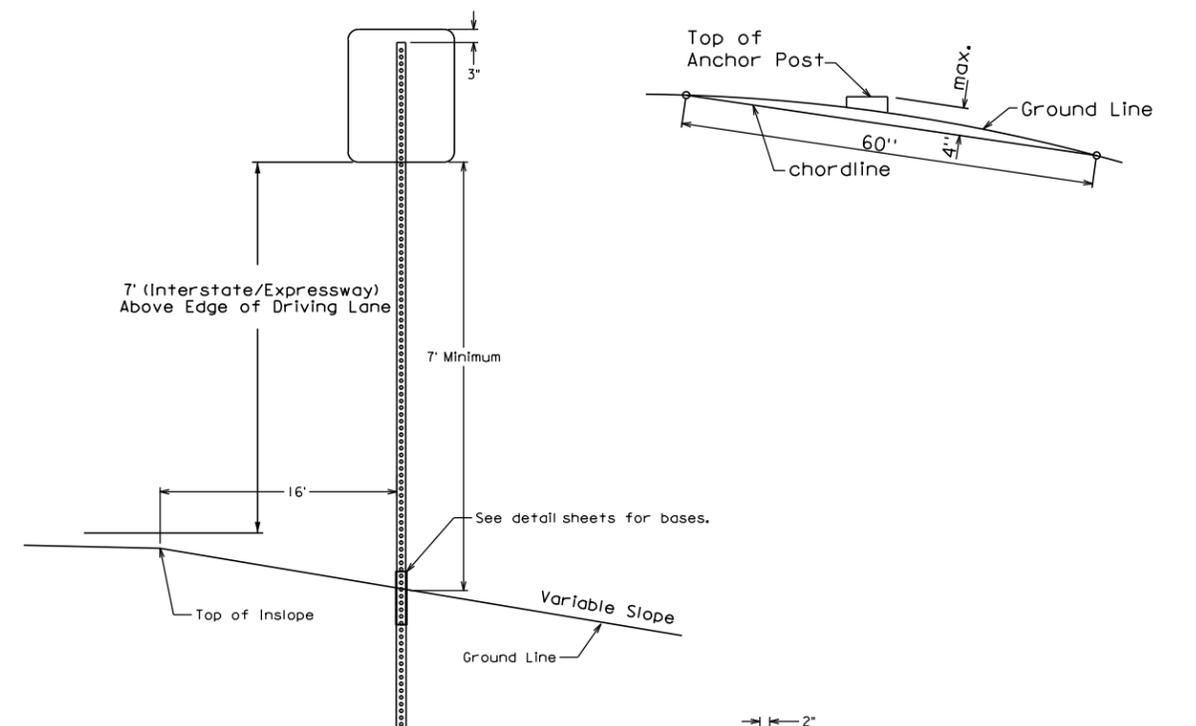


(Drawing shown from face of sign)  
TWO-POST ASSEMBLY

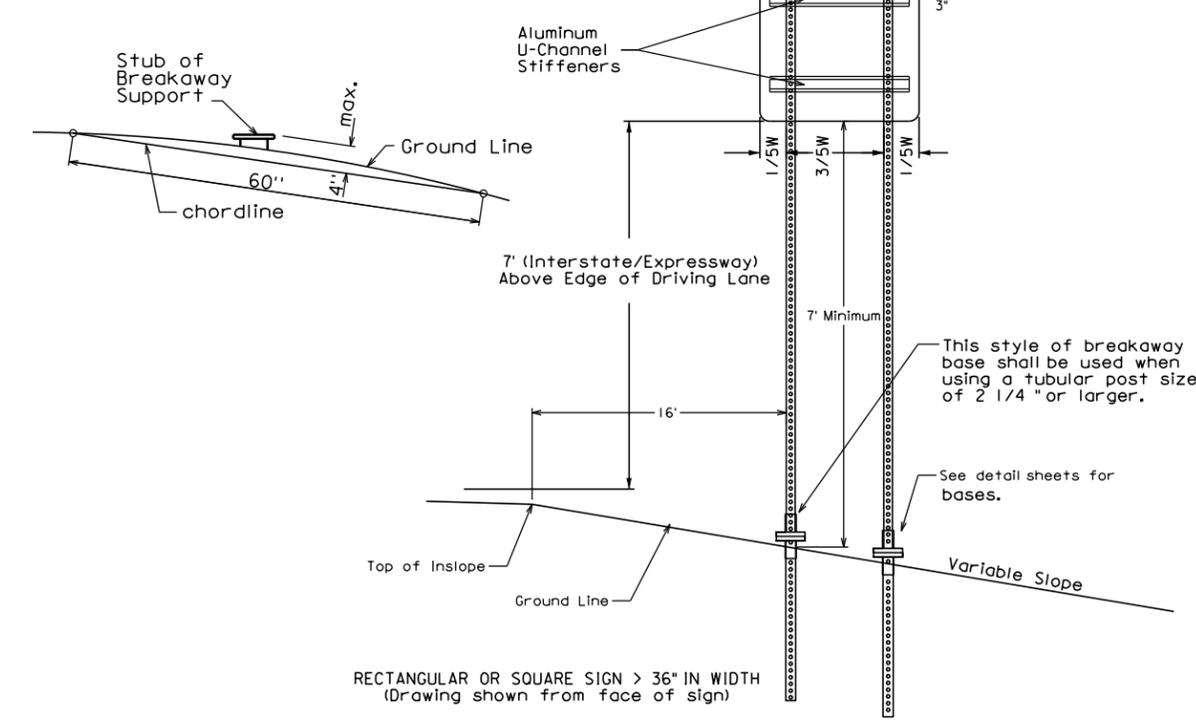


(Drawing shown from face of sign)  
SINGLE-POST ASSEMBLY

**TYPICAL ERECTION DETAILS FOR STOP SIGNS**



RECTANGULAR OR SQUARE SIGN < 36" IN WIDTH  
(Drawing shown from face of sign)



RECTANGULAR OR SQUARE SIGN > 36" IN WIDTH  
(Drawing shown from face of sign)

**TYPICAL ERECTION DETAILS FOR SQUARE  
OR RECTANGULAR SIGNS**