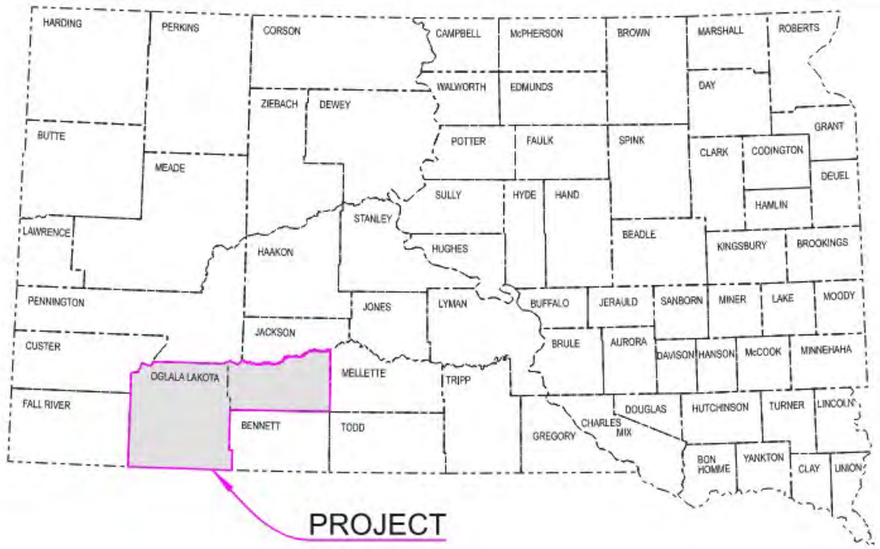


STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

PROJECT PH 8057(04)
OGLALA LAKOTA & JACKSON COUNTIES

SIGNING AND DELINEATION
PCN 05WP

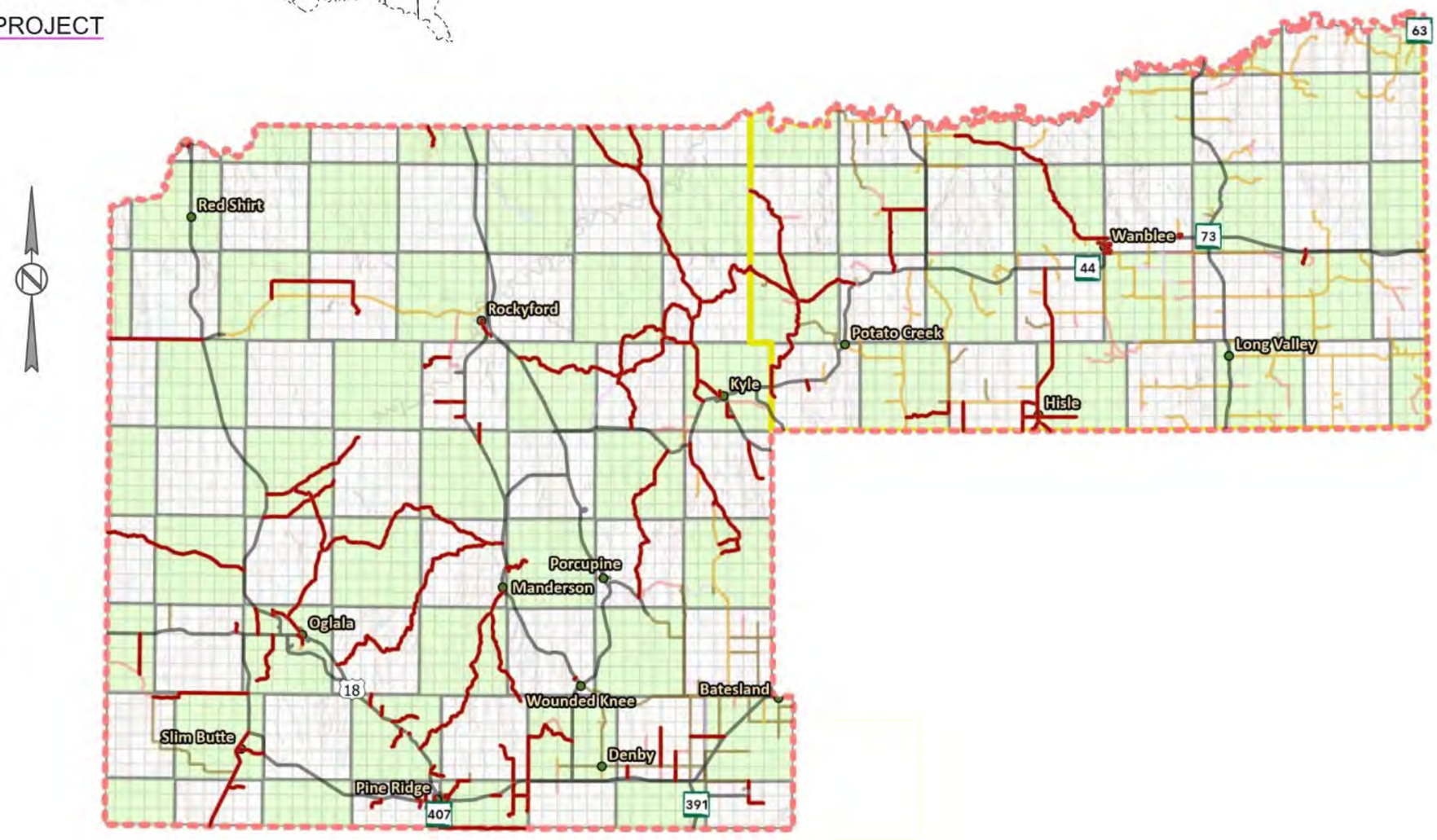
FOR BIDDING PURPOSES ONLY

KLJ	SD DOT	PROJECT	SHEET	TOTAL SHEETS
		PH 8057(04)	1	168

Plotting Date: 7/2/2026

INDEX OF SHEETS

Sheet 1	Title Sheet
Sheets 2-7	Estimate of Quantities & Plan Notes
Sheets 8-19	New Sign Summary
Sheets 20-23	Project Maps
Sheets 24-38	Standard Plates & SDDOT Special Details
Sheets 39-43	Special Details
Sheets 44-58	Special Sign Details
Sheets 59-168	Signing Table



REGISTERED PROFESSIONAL ENGINEER
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7/9/26

STORM WATER PERMIT
None Required

Plotted From - IsaacBerg File - ...\Design\Plans\05WP_Title.dgn

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ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3305	As-Built Survey	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
110E0130	Remove Traffic Sign	302	Each
110E5020	Salvage Traffic Sign	131	Each
110E7150	Remove Sign for Reset	34	Each
632E1321	2.0"x2.0" Perforated Tube Post	1,532	Each
632E2022	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post	945	Each
632E2207	4" Tubular White Delineator Reflector	148	Each
632E2220	Guardrail Delineator	32	Each
632E2510	Type 2 Object Marker Back to Back	460	Each
632E2520	Type 2 Object Marker	8	Each
632E2531	Type 3 Flexible Object Marker Back to Back	50	Each
632E2535	Type 4 Object Marker	19	Each
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	3,113.9	SqFt
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	7,295.1	SqFt
632E3500	Reset Sign	34	Each
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS

ENVIRONMENTAL COMMITMENTS

The SDDOT is committed to protecting the environment and uses Environmental Commitments as a communication tool for the Engineer and Contractor to ensure that attention is given to avoid, minimize, and/or mitigate an environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency with permitting authority can delay a project if identified environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. During construction, the Project Engineer will verify that the Contractor has met Environmental Commitment requirements. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office.

Additional guidance on SDDOT's Environmental Commitments can be accessed through the Environmental Procedures Manual found at: <https://dot.sd.gov/doing-business/environmental/about-environmental/>

For questions regarding change orders in the field that may have an effect on an Environmental Commitment, the Project Engineer will contact the Environmental Engineer at 605-773-3180 or 605-773-4336 to determine whether an environmental analysis and/or resource agency coordination is necessary.

Once construction is complete, the Project Engineer will review all environmental commitments for the project and document their completion.

COMMITMENT B: FEDERALLY THREATENED, ENDANGERED, AND PROTECTED SPECIES

COMMITMENT B2: WHOOPING CRANE

The Whooping Crane is a spring and fall migratory bird in South Dakota that is about 5 feet tall and typically stops on wetlands, rivers, and agricultural lands along their migration route. An adult Whooping Crane is white with a red crown and a long, dark, pointed bill. Immature Whooping Cranes are cinnamon brown. While in flight, their long necks are kept straight, and their long dark legs trail behind. Adult Whooping Cranes' black wing tips are visible during flight.

Action Taken/Required:

Harassment or other measures to cause the Whooping Crane to leave the site is a violation of the Endangered Species Act. If a Whooping Crane is sighted roosting in the vicinity of the project, borrow pits, or staging areas associated with the project, cease construction activities in the affected area until the Whooping Crane departs and immediately contact the Project Engineer. The Project Engineer will contact the Environmental Office so that the sighting can be reported to USFWS.

COMMITMENT B4: BALD AND GOLDEN EAGLE

Bald and/or Golden eagles are known to occur in this area.

Action Taken/Required:

If a nest is observed within one mile of the project site, notify the Project Engineer immediately so that he/she can consult with the Environmental Office for an appropriate course of action.

COMMITMENT E: STORM WATER

Construction activities constitute less than 1 acre of disturbance.

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COMMITMENT H: WASTE DISPOSAL SITE

The Contractor will furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the Public ROW.

The waste disposal site(s) will be managed and reclaimed in accordance with the following from the General Permit for Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Agriculture and Natural Resources.

The waste disposal site(s) will not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Environmental Office and the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements will apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials will be buried in a trench separate from wood debris. The final cover over the construction and/or demolition debris will consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the Public ROW will be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor will control the access to waste disposal sites not within the Public ROW with fences, gates, and placement of a sign or signs at the entrance to the site stating, "No Dumping Allowed".

2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period not to exceed the duration of the project. Prior to project completion, the waste will be removed from view of the ROW or buried, and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.
Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) will be incidental to the various contract items.

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

State Historical Preservation Office (SHPO or THPO) concurrence has not been obtained for this project.

Action Taken/Required:

All earth disturbing activities not designated within the plans require review of cultural resources impacts. This work includes, but is not limited to: staging areas, borrow sites, waste disposal sites, and all material processing sites.

The Contractor will arrange and pay for a record search and when necessary, a cultural resource survey. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review if the site was previously surveyed; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor will arrange and pay for a record search and when necessary, a cultural resource survey. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review if the site was previously surveyed; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor will provide ARC with the following: a topographical map or aerial view in which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor will submit the cultural resources survey report to SDDOT Environmental Office, 700 East Broadway Avenue, Pierre, SD 57501-2586. SDDOT will submit the information to the appropriate SHPO/THPO. Allow **30 Days** from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

In the event of an inadvertent discovery of human remains, funerary objects, or if evidence of cultural resources is identified during project construction activities, then such activities within 150 feet of the inadvertent discovery will immediately cease and the Project Engineer will be immediately notified. The Project Engineer will contact the SDDOT Environmental Office, who will contact the appropriate SHPO/THPO within 48 hours of the discovery to determine an appropriate course of action.

The Contractor is responsible for obtaining any additional permits and clearances for Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas that affect wetlands, threatened and endangered species, or waterways. The Contractor will not utilize a site known or suspected of having contaminated soil or water. The Contractor will provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

PERMANENT SIGNING

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

The Contractor will 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. Payment for new signposts, hardware, bases, and labor will be made at the contract unit price per each for 2.0" x 2.0" Perforated Tube Post. See breakaway post details regarding posts, hardware, bases, and footings. The Contractor is urged to cut posts to length on job site after verification of post length. The installation height of the signs will not exceed the minimum by more than 0.5 feet.

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

The Contractor will 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 will adequately cover the existing sign prior to leaving that specific work site.

STAKING

The Contractor will stake all device locations prior to installation. The locations of the devices as noted in the plans are approximate. The lateral distance from the roadway and the height of each device will be established by the Contractor in accordance with the Standard Plates, Special Details, and the current MUTCD.

All costs for this work will be incidental to the contract unit price for the various signing contract items. No separate payment will be made for staking due to any change in quantities of devices installed.

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EXISTING TRAFFIC SIGNS AND DELINEATORS

The Contractor will deliver all dismantled signs that are scheduled for salvage to the Oglala Lakota Sioux Tribe.

All costs for labor and equipment necessary to remove, dismantle, backfill holes (wooden posts only) and deliver existing signs to the respective owners will be included in the contract unit price per each sign for "Salvage Traffic Sign".

All costs for labor and equipment necessary to remove and deliver delineators and posts to the respective owners will be incidental to the contract unit price per each for "Salvage Traffic Sign".

REMOVE TRAFFIC SIGN

Signs that are scheduled for Removal will become property of the Contractor. Holes remaining from the removal of wood posts will be backfilled and compacted with material placed in layers not to exceed 6 inches in depth.

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

SALVAGE TRAFFIC SIGN

All existing signs, posts, and hardware scheduled for Salvage as per these plans remain property of the Oglala Lakota Sioux Tribe and will be transported to a local location as directed by the local contact. The Contractor will 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. Signs specified to be salvage will be handled with care so that the signs are not damaged during removal or transport and will be stockpiled for owner reuse. The Contractor will replace and pay for any salvaged signs damaged in their care.

All costs for labor and equipment necessary to remove, dismantle, and deliver signs to the Local Government will be incidental to the contract unit price per each for Salvage Traffic Sign.

Local Contact Information
Ted Pedregon – Road Maintenance Foreman
605-441-6668
t.pedregon@oglala.org

RESET SIGN

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

PERFORATED TUBE POST

The Contractor will use Telespar® brand (or approved equal) posts and bases on all new standard highway signs as approved by the Engineer.

Sign posts and bases will be constructed in accordance with Special Detail L21.

Post quantities for perforated tube posts will be determined by measurement of each type.

Each type of perforated tube posts will be paid for at the contract unit price per Each. Payment will be full compensation for furnishing and installing materials, including post anchors, anchor sleeves, mounting hardware, telescoped inner post sections, and anchor plates.

HARDWARE

Aluminum U-Channel stiffeners will be used on all standard highway signs 36" and greater in width or as detailed in the plans and will conform to the requirements of ASTM B221 Alloy 6063-T6 or 6061-T6. The U-Channel will be 2 inches in width and free of holes. The U-Channel stiffeners will also be used to connect various signs 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 will be incidental to other contract items.

Perforated tube signpost base material will be fastened with 5/16" diameter corner bolts (Grade 2).

All perforated tube signposts will have a soil stabilizer attached to the base. Soil stabilizers will be a MPJ Sign Wedge or equal as approved by the Engineer.

The Contractor will utilize a pre-manufactured aluminum adjustable angle bracket for all dual-mounted W1-8 Chevron signs. An estimated **46** adjustable brackets are needed for this project.

NEW PERMANENT SIGNING

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

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

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



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DIGITALLY PRINTED SIGNS

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

PROTECTIVE OVERLAY FILM

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

Table 1: Retroreflective Film Minimum Durability Requirements

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

FABRICATION

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

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

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

TRAFFIC SIGN PERFORMANCE WARRANTY PROVISIONS

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

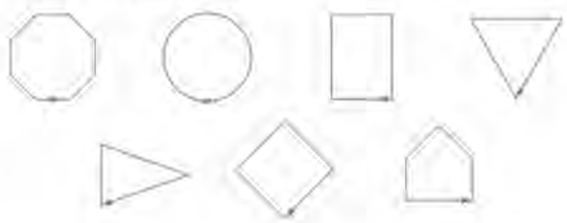
CERTIFIED DIGITAL SIGN FABRICATOR

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

DATE TAGGING SIGNS WITH PERTINENT INFORMATION

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

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



SIGN LAYOUT SHOP DRAWING SUBMITTALS

The Contractor will submit shop drawings for all guide sign layouts and any other special sign not included in the latest edition of the Standard Highway Signs Manual. Submittals will be sent in Adobe PDF format to the following email addresses:

Shawn.Mayfield@kljeng.com
Paula.Huizenga@state.sd.us
Doug.Kinniburgh@state.sd.us

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DELINEATORS

Delineator reflectors will be attached to the post with two rivets each.

The Contractor will lay out delineator locations and will obtain Engineer approval of locations prior to installation. Upon removal of existing delineators, the Contractor will install new delineators so that all sections of roadway carrying traffic are delineated by nightfall. Delineators will be placed with the bottom of the reflector unit approximately 4 feet above the near roadway edge. They will be located **8** feet outside the outer edge of the shoulder or the face of the curb.

Where a roadside barrier or other obstruction intrudes into the space between the pavement edge and the extension of the line of delineators, the delineators will be in line with the barrier or in line with the innermost edge of the obstruction. All guardrail will be delineated as per Standard Plate 632.40.

The standard spacing between delineators on the same side of the roadway in tangent sections will be 528 feet. When normal spacing is interrupted by structures, crossroads, or ramps, delineators falling within such areas may be moved in either direction a distance not exceeding one-quarter of the standard spacing. Delineators still falling within such areas should be eliminated.

All cost for materials, labor and equipment necessary to furnish and install delineators will be incidental to the contract unit price per each for "4"x4" White Delineator Back to Back with 1.12 Lb/Ft. Post", "4" Tubular White Delineator with 1.12 Lb/Ft Post", or "Guardrail Delineator".

The spacing for delineators on the outside radius of horizontal curves and for three spaces in advance and for three spaces beyond the curve is given in the following table:

Max. Spacing for Delineators on Outside Radius of Horizontal Curves (Distance in Feet Rounded to the Nearest 5 Feet)

Radius Of Curve	Spacing On Curve	Spacing in Advance & Beyond Curve (in feet) 1st	2nd	3rd
50	20	40	65	125
150	30	60	90	180
250	40	85	125	250
300	50	95	145	290
400	55	110	170	300
500	65	125	190	300
600	70	140	210	300
700	75	150	230	300
800	80	165	245	300
900	85	175	260	300
1000	90	185	275	300

Spacing for specific radii not shown may be interpolated from the table or computed from the formula $S = 3\sqrt{(R-50)}$. For unknown radii of curve, the Contractor will space delineators such that three can be seen be drivers at all times along same side of road. The minimum spacing should be 20 feet. The spacing on curves should not exceed 300 feet. The spacing of the first delineator approaching a curve is 2xS, the second is 3xS and the third is 6xS but not to exceed 300 feet. If a spacing less
than 300 feet is used approaching the curve, the distance shown above should be adjusted accordingly. Refer to the Curve Signing Layouts sheet for additional information and how curve delineators are listed in the Signing Table.

Bridge approach delineation will be provided at all structures and will consist of a minimum of four (back-to-back) delineators on each side of the roadway spaced 50 feet apart. Except where guardrail is in place, the delineators will be located in a straight line beginning a minimum of 200 feet from the corner of the bridge and at the normal offset distance outside the shoulder edge and tapering to the inside edge of the obstruction. Where guardrail is present, guardrail delineation as per Standard Plate 632.40 will be installed.

If the overall width perpendicular to the centerline of the roadway is 40' or less between two delineators, the height of the delineator will be adjusted such that the top of the delineator does not exceed 3' above the edge of the driving surface.

TYPE 2 OBJECT MARKERS

The inner edge of the Type 2 object marker will be installed at the opening of the pipe end section, bridge, box culvert, or cattle pass. Refer to Standard Plates 632.01, 632.03, 632.04 and 632.40 for the placement of Type 2 object markers and post lengths. If the overall width perpendicular to the centerline of the roadway is 40' or less between two object markers, the height of the markers will be adjusted such that the top of the marker does not exceed 3' above the edge of the driving surface.

All Type 2 Object Markers under the bid Item "Type 2 Object Markers" will be Guardrail End Terminal Object Markers.

The Table of Permanent Signs may contain quantities of Type 2 Object Markers with 1.12 Lb/Ft flanged channel posts longer than 7.0 Ft.

TYPE 3 FLEXIBLE OBJECT MARKERS BACK TO BACK

Type 3 Flexible Object Marker Back to Back will be utilized at cattle guards, as detailed in the plans. The markers will be mounted to a base such that the object marker is restored to the vertical position if struck by a vehicle. The flexible ground mounted object marker may be composed of UV-stabilized high impact plastic and will be a minimum of 12 inches wide and 48 inches high. The flexible ground mounted object marker will consist of a retroreflective sheeting, flat panel, post and permanent base. Attach the post to a base with a flexible mount or similar device capable of restoring the marker to the vertical position if struck by a vehicle. The flexible ground mounted object marker will accommodate back to back 12 inch x 36 inch Type 3 Object Markers. The Type 3 Flexible Object Marker Back to Back will be installed in accordance with manufacturer's specifications and will be paid for at the contract unit price per each. See the Cattle Guard Signing Layouts Detail for additional information.

TYPE 3 FLEXIBLE OBJECT MARKERS

The Type 3 flexible object marker will be fabricated to withstand 35 impacts at 45 MPH without requiring major maintenance to the unit or causing damage to the impacting vehicle. It will also sustain a minimum of one impact at 60 MPH with the centerline of the Type 3 flexible object marker impacted by approximately the centerline of the right tire of the impact vehicle. The unit will incorporate a sign, which is securely attached to a flexible support post, and utilize a reactive spring device or flexible joint to absorb the stress from the impacting vehicle. The spring device will be tensioned at 200 pounds. The post, sign, and spring assembly will receive a fixed surface-mounted base.

The fixed-surface mounted base will be constructed of a high-impact plastic material. The base will be able to be attached or inserted in the square tube post.

The Type 3 flexible object marker and support post will be constructed of a flexible material resistant to ultraviolet light, ozone, and hydrocarbons. The post will have sufficient stiffness to remain rigid in windy conditions.

The fixed-surface mounted base will have nominal dimensions of 8"x8" unless otherwise specified and the installation system will consist of a thermosetting epoxy adhesive. As an alternative, a plastic sleeve with anchor and bolt system may be used. Either of these installation methods should follow the manufacturer's recommended installation procedures. The Type 3 flexible object markers at bridge ends will be installed at the mounting height of 3'+/- 1' from the bottom of the marker to the surface of the nearest traffic lane.

All costs for materials, including posts and hardware, labor and equipment necessary to furnish and install Type 3 object markers will be incidental to the contract unit price per each for "Type 3 Flexible Object Marker".

TYPE 4 OBJECT MARKERS

The Contractor will install Type 4 object markers at the locations specified in the Table of Permanent Signing. A minimum of three markers will be used to designate a closure point and will be centered in each lane and one on centerline of the roadway. Type 4 object markers may also be mounted on gates where control of access exists.

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TRAFFIC CONTROL

Traffic control will be as per the standard details TA-4, TA-6, and/or TA-18 in Part 6 of the 11th Edition with Revision 1 of the FHWA Manual on Uniform Traffic Control Devices including revisions.

Payment for traffic control will be incidental to the contract lump sum price for "Traffic Control, Miscellaneous".

MANUAL DRIVE CAP

Manual post drive caps will be furnished to the Oglala Lakota Sioux Tribe for each type of post. Payment for the drive caps will be incidental to the contract unit price per each for furnishing the various types of posts.

AS-BUILT SURVEY

The Contractor will provide an as-built inventory of all installed devices to the DOT Area Office within 30 calendar days of the completion of the field work. The inventory will be delivered in electronic spreadsheet format and will contain the following information:

1. Description of Device (include the MUTCD Sign Code, sign sizes, sheeting type, special legend)
2. Description of Support(s) and Length of Post Installed
3. Date Installed
4. Location of Device and Direction Facing (not required for white delineator items)
5. Owner of Device (County, Township, City, etc.)

The device location will be provided in GPS format to an accuracy of 10 feet +/-. Elevations are not required. The DOT Area Office will review the inventory and provide a copy to the Owner(s) if requested.

All costs for this work will be incidental to the contract lump sum price for "As-Built Survey". No separate payment will be made for As-Built Survey due to increases in the quantities of devices installed.

STREET NAME SIGN INSTALLATION LOCATION

The contractor will install street name signs at locations indicated below:

County Intersections – As outlined in the standard details.
Township Intersections – Corner of Right-of-Way.
State Intersections – Sixteen feet from edge of roadway and sixteen feet from any other sign.

In instances where the intersecting roadways are at different elevations. The street name sign height above adjacent roadway will be measured from the highest roadway edge elevation as measured perpendicularly from the sign installation location.

In instances of deep fill on township roads the contractor will install the street name sign as indicated in the standard details in lieu of the corner of the Right-of-Way.

DATABASE ACTION LEGEND

The descriptions for the Sign Action column in the Table of Permanent Signing are given in the following table:

Action	Action Description	Payment
NEW	Install New Sign	Sqft By Sheeting Type
D/R	Remove & Discard Existing Sign	Per each Remove Traffic Sign
IN PL	Leave Existing Sign In Place	None
R/R	Replace & Discard Existing Sign	Sqft By Sheeting Type & per each Remove Traffic Sign
REF	Reference Location – No Action	None
D/S	Remove Existing Sign for Salvage	Per each Salvage Traffic Sign
R/S	Replace & Salvage Existing Sign	Sqft By Sheeting Type & per each Salvage Traffic Sign
R/S/S	Reset Existing Salvaged Sign	Per each Remove Sign for Reset & per each Reset Sign
N/S	No Sign, Post Work	Per each Remove Traffic Sign

The descriptions for the Post Action column in the Table of Permanent Signing are given in the following table:

Post Action	Description
REM	Remove & Discard Existing Post
IN PL	Leave Existing Post In Place
NEW	Install New Post
REPL	Replace & Discard Existing Post

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
13523
SHAWN M.
MAYFIELD
SOUTH DAKOTA
7/9/26

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	8	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
BIA Rt.	BIA Route Marker: 1	24	30	5.0	IV	7
BIA Rt.	BIA Route Marker: 115	24	30	5.0	IV	3
BIA Rt.	BIA Route Marker: 13	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 16	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 17	24	30	5.0	IV	2
BIA Rt.	BIA Route Marker: 2	24	30	5.0	IV	6
BIA Rt.	BIA Route Marker: 21	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 24	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 240	24	30	5.0	IV	3
BIA Rt.	BIA Route Marker: 25	24	30	5.0	IV	4
BIA Rt.	BIA Route Marker: 26	24	30	5.0	IV	4
BIA Rt.	BIA Route Marker: 28	24	30	5.0	IV	2
BIA Rt.	BIA Route Marker: 29	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 32	24	30	5.0	IV	2
BIA Rt.	BIA Route Marker: 3202	24	30	5.0	IV	4
BIA Rt.	BIA Route Marker: 33	24	30	5.0	IV	2
BIA Rt.	BIA Route Marker: 401	24	30	5.0	IV	1
BIA Rt.	BIA Route Marker: 41	24	30	5.0	IV	7
BIA Rt.	BIA Route Marker: 6	24	30	5.0	IV	3
BIA Rt.	BIA Route Marker: 61	24	30	5.0	IV	2
D1-1	Destination (1 line): SS9 - Interior	54	18	6.8	IV	1
D1-2	Destination (2 lines): SS10 - Slim Buttes & Pine Ridge (R)	72	30	15.0	IV	1
D2-2	Distance (2 lines): SS11 - Hisle(8), Martin(24)	54	30	11.3	IV	1
D3-1	Street Name (2 Lines): SS7.1 - Buffalo Pasture Rd	48	21	7.0	IV	2
D3-1	Street Name (2 Lines): SS7.2 - Cluster Housing Dr	48	21	7.0	IV	4

PROFESSIONAL ENGINEER
REG. NO
17616
ISAAC
BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	9	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1	Street Name (2 Lines): SS7.3 - Cluster Housing Dr	36	18	4.5	IV	12
D3-1	Street Name (2 Lines): SS7.4 - Crazy Horse School Dr	42	21	6.1	IV	2
D3-1	Street Name (2 Lines): SS7.5 - Terryl M. Blue St	42	21	6.1	IV	2
D3-1	Street Name: 1st Ave	36	12	3.0	IV	2
D3-1	Street Name: 1st St	36	12	3.0	IV	10
D3-1	Street Name: 216th Ave	48	12	4.0	IV	4
D3-1	Street Name: 227th Ave	48	12	4.0	IV	4
D3-1	Street Name: 235 1/2th Ave	48	12	4.0	IV	2
D3-1	Street Name: 275th St	42	12	3.5	IV	4
D3-1	Street Name: 276th St	42	12	3.5	IV	4
D3-1	Street Name: 2nd St	36	12	3.0	IV	6
D3-1	Street Name: 3rd St	36	12	3.0	IV	12
D3-1	Street Name: 4th St	36	12	3.0	IV	6
D3-1	Street Name: Allen Rd	42	12	3.5	IV	2
D3-1	Street Name: Arrowhead Dr	62	12	5.2	IV	1
D3-1	Street Name: Beltvillage Ct	48	12	4.0	IV	2
D3-1	Street Name: BIA 101	36	12	3.0	IV	7
D3-1	Street Name: BIA 109	36	12	3.0	IV	2
D3-1	Street Name: BIA 122	36	12	3.0	IV	2
D3-1	Street Name: BIA 21	36	12	3.0	IV	2
D3-1	Street Name: BIA 25	36	12	3.0	IV	4
D3-1	Street Name: BIA 32	36	12	3.0	IV	2
D3-1	Street Name: BIA 4	30	12	2.5	IV	2
D3-1	Street Name: BIA 41	36	12	3.0	IV	2
D3-1	Street Name: Bombing Range Rd	54	12	4.5	IV	2

PROFESSIONAL ENGINEER
REG. NO 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1	Street Name: Buddy Rd	42	12	3.5	IV	2
D3-1	Street Name: Buffalo Rd	48	12	4.0	IV	2
D3-1	Street Name: Catches Ln	48	12	4.0	IV	2
D3-1	Street Name: CHS Housing Dr	48	12	4.0	IV	8
D3-1	Street Name: Comes Again St	48	12	4.0	IV	4
D3-1	Street Name: County Rd 11	62	12	5.2	IV	2
D3-1	Street Name: County Rd 13	62	12	5.2	IV	2
D3-1	Street Name: County Rd 15	62	12	5.2	IV	2
D3-1	Street Name: County Rd 16	62	12	5.2	IV	18
D3-1	Street Name: County Rd 17	62	12	5.2	IV	2
D3-1	Street Name: County Rd 6	54	12	4.5	IV	2
D3-1	Street Name: County Rd 8	54	12	4.5	IV	6
D3-1	Street Name: Cross Rd	42	12	3.5	IV	2
D3-1	Street Name: Deer Butte Ln	48	12	4.0	IV	2
D3-1	Street Name: Drywood Dr	48	12	4.0	IV	2
D3-1	Street Name: Ferguson Ln	54	12	4.5	IV	2
D3-1	Street Name: Fire Heart St	48	12	4.0	IV	2
D3-1	Street Name: Flag Rd	36	12	3.0	IV	4
D3-1	Street Name: Georgetown Dr 1	54	12	4.5	IV	2
D3-1	Street Name: Georgetown Dr 2	54	12	4.5	IV	2
D3-1	Street Name: Grass Creek Rd	48	12	4.0	IV	2
D3-1	Street Name: Hawk Rd	36	12	3.0	IV	2
D3-1	Street Name: Hehaka Dr	48	12	4.0	IV	2
D3-1	Street Name: Hill Side Rd	62	12	5.2	IV	2
D3-1	Street Name: Hilltop Rd	48	12	4.0	IV	2



NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	11	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1	Street Name: Horse Thief Pwky	54	12	4.5	IV	2
D3-1	Street Name: Jack Rabbit Rd	48	12	4.0	IV	2
D3-1	Street Name: Last St	36	12	3.0	IV	2
D3-1	Street Name: Lazy YB Ln	48	12	4.0	IV	2
D3-1	Street Name: Magpie St	48	12	4.0	IV	2
D3-1	Street Name: Mahpiya Luta Ln	54	12	4.5	IV	2
D3-1	Street Name: Montana St	48	12	4.0	IV	2
D3-1	Street Name: Moves Camp Ave	48	12	4.0	IV	6
D3-1	Street Name: N BIA 125	48	12	4.0	IV	4
D3-1	Street Name: Oglala Dam Rd	48	12	4.0	IV	4
D3-1	Street Name: Old Sundance Rd	54	12	4.5	IV	4
D3-1	Street Name: Oller Rd	42	12	3.5	IV	6
D3-1	Street Name: Paint Horse Rd	48	12	4.0	IV	2
D3-1	Street Name: Pejuta Sapa Rd	48	12	4.0	IV	2
D3-1	Street Name: Pheasant Dr	54	12	4.5	IV	2
D3-1	Street Name: Post Office Rd	48	12	4.0	IV	2
D3-1	Street Name: Pow Wow Ln	48	12	4.0	IV	2
D3-1	Street Name: Pute Ave	42	12	3.5	IV	4
D3-1	Street Name: Red Owl Ln	48	12	4.0	IV	2
D3-1	Street Name: Red Robin St	62	12	5.2	IV	2
D3-1	Street Name: Redwood Ln	48	12	4.0	IV	2
D3-1	Street Name: Route 107	48	12	4.0	IV	2
D3-1	Street Name: Route 112	48	12	4.0	IV	4
D3-1	Street Name: Route 121	48	12	4.0	IV	2
D3-1	Street Name: Route 123	48	12	4.0	IV	2

PROFESSIONAL ENGINEER
REG. NO 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	12	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1	Street Name: Route 129	48	12	4.0	IV	4
D3-1	Street Name: Route 131	48	12	4.0	IV	2
D3-1	Street Name: Route 145	48	12	4.0	IV	4
D3-1	Street Name: Route 588	48	12	4.0	IV	2
D3-1	Street Name: Route 611	48	12	4.0	IV	4
D3-1	Street Name: Route 617	48	12	4.0	IV	4
D3-1	Street Name: Route 802	48	12	4.0	IV	2
D3-1	Street Name: Route 86	42	12	3.5	IV	4
D3-1	Street Name: Route 93	42	12	3.5	IV	2
D3-1	Street Name: Route 94	42	12	3.5	IV	2
D3-1	Street Name: Running Elk Rd	48	12	4.0	IV	2
D3-1	Street Name: SD 407	36	12	3.0	IV	2
D3-1	Street Name: SD 44	30	12	2.5	IV	20
D3-1	Street Name: Shawl Ave	48	12	4.0	IV	2
D3-1	Street Name: Sierra Rd	48	12	4.0	IV	2
D3-1	Street Name: Sioux Ave	48	12	4.0	IV	7
D3-1	Street Name: Sioux Cir	48	12	4.0	IV	3
D3-1	Street Name: Sitting Bull Rd	54	12	4.5	IV	2
D3-1	Street Name: Sundance Dr	54	12	4.5	IV	6
D3-1	Street Name: Sunka Wakan Rd	48	12	4.0	IV	2
D3-1	Street Name: Tahca Dr	42	12	3.5	IV	2
D3-1	Street Name: Tatanka Numpa Rd	54	12	4.5	IV	2
D3-1	Street Name: Tatanka Rd	48	12	4.0	IV	2
D3-1	Street Name: Three Sisters Ln	54	12	4.5	IV	2
D3-1	Street Name: Turrtle Creek Rd	54	12	4.5	IV	2

PROFESSIONAL ENGINEER
REG. NO
17616
ISAAC
BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	13	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1	Street Name: Turtle Creek Rd	54	12	4.5	IV	4
D3-1	Street Name: US 18	30	12	2.5	IV	34
D3-1	Street Name: US 407	36	12	3.0	IV	2
D3-1	Street Name: Wakpala Ave	54	12	4.5	IV	2
D3-1	Street Name: War Bonnet Rd	48	12	4.0	IV	2
D3-1	Street Name: Washabaugh Ave	48	12	4.0	IV	8
D3-1	Street Name: White Hawk Ln	48	12	4.0	IV	2
D3-1	Street Name: Whiteclay Dam Rd	54	12	4.5	IV	2
D3-1	Street Name: Whitehorse Ln	48	12	4.0	IV	2
D3-1	Street Name: WK 3 Rd	36	12	3.0	IV	2
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.1 - Bombing Range Rd	54	21	7.9	IV	4
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.2 - Fire Thunder Rd	54	21	7.9	IV	4
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.3 - Grass Creek Rd	54	21	7.9	IV	4
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.4 - Moccasin Park Rd	54	21	7.9	IV	8
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.5 - Snake Butte Rd	54	21	7.9	IV	4
D3-1a	Street Name (2 Lines) with BIA Arrowhead: SS8.6 - Three Mile Creek Rd	54	21	7.9	IV	6
D3-1a	Street Name with BIA Arrowhead: 275th St	54	12	4.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 115	48	12	4.0	IV	6
D3-1a	Street Name with BIA Arrowhead: BIA 120	48	12	4.0	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 13	42	12	3.5	IV	2
D3-1a	Street Name with BIA Arrowhead: BIA 132	48	12	4.0	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 16	42	12	3.5	IV	8
D3-1a	Street Name with BIA Arrowhead: BIA 19	42	12	3.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 2	36	12	3.0	IV	2
D3-1a	Street Name with BIA Arrowhead: BIA 24	42	12	3.5	IV	6

PROFESSIONAL ENGINEER
REG. NO 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1a	Street Name with BIA Arrowhead: BIA 25	42	12	3.5	IV	20
D3-1a	Street Name with BIA Arrowhead: BIA 29	42	12	3.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 30	42	12	3.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 31	42	12	3.5	IV	2
D3-1a	Street Name with BIA Arrowhead: BIA 3202	54	12	4.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 33	42	12	3.5	IV	12
D3-1a	Street Name with BIA Arrowhead: BIA 37	42	12	3.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 401	48	12	4.0	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 41	42	12	3.5	IV	6
D3-1a	Street Name with BIA Arrowhead: BIA 59	42	12	3.5	IV	2
D3-1a	Street Name with BIA Arrowhead: BIA 61	42	12	3.5	IV	4
D3-1a	Street Name with BIA Arrowhead: BIA 8	36	12	3.0	IV	2
D3-1a	Street Name with BIA Arrowhead: BIA 9	36	12	3.0	IV	2
D3-1a	Street Name with BIA Arrowhead: Craven Rd	54	12	4.5	IV	2
D3-1a	Street Name with BIA Arrowhead: Hisle Rd	54	12	4.5	IV	8
D3-1a	Street Name with BIA Arrowhead: Kiza Park Ln	54	12	4.5	IV	2
D3-1a	Street Name with BIA Arrowhead: Smithwick Rd	54	12	4.5	IV	2
D3-1a	Street Name with BIA Arrowhead: Tobacco Rd	48	12	4.0	IV	2
D3-1a	Street Name with BIA Arrowhead: Waziyata Rd	54	12	4.5	IV	8
D3-1a	Street Name with Left Arrow and BIA Arrowhead: SS4.1 - BIA 24	54	12	4.5	IV	1
D3-1a	Street Name with Left Arrow and BIA Arrowhead: SS4.2 - BIA 31	54	12	4.5	IV	1
D3-1a	Street Name with Left Arrow and BIA Arrowhead: SS4.3 - Kiza Park Ln	54	21	7.9	IV	1
D3-1a	Street Name with Left Arrow and BIA Arrowhead: SS4.4 - Moccasin Park Rd	54	21	7.9	IV	1
D3-1a	Street Name with Right Arrow and BIA Arrowhead: SS6.1 - BIA 24	54	12	4.5	IV	1
D3-1a	Street Name with Right Arrow and BIA Arrowhead: SS6.2 - BIA 31	54	12	4.5	IV	1



NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	15	168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
D3-1a	Street Name with Right Arrow and BIA Arrowhead: SS6.3 - Kiza Park Ln	54	21	7.9	IV	1
D3-1L	Street Name with Left Arrow: SS3.1 - 2nd St	48	12	4.0	IV	1
D3-1L	Street Name with Left Arrow: SS3.10 - Redtail Ln	54	12	4.5	IV	1
D3-1L	Street Name with Left Arrow: SS3.11 - Route 93	54	12	4.5	IV	1
D3-1L	Street Name with Left Arrow: SS3.2 - 4th St	48	12	4.0	IV	1
D3-1L	Street Name with Left Arrow: SS3.3 - Apple Ln	54	12	4.5	IV	1
D3-1L	Street Name with Left Arrow: SS3.4 - Bear West Rd	54	21	7.9	IV	1
D3-1L	Street Name with Left Arrow: SS3.5 - Cedar St	54	12	4.5	IV	1
D3-1L	Street Name with Left Arrow: SS3.6 - County Rd 8	48	21	7.0	IV	1
D3-1L	Street Name with Left Arrow: SS3.7 - Eagle Feather St	54	21	7.9	IV	1
D3-1L	Street Name with Left Arrow: SS3.8 - Eagle Nest Rd	64	12	5.3	IV	1
D3-1L	Street Name with Left Arrow: SS3.9 - Greyhorse St	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.1 - 1st St	42	12	3.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.10 - Route 85	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.11 - Route 93	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.12 - Sioux Ave	60	12	5.0	IV	1
D3-1R	Street Name with Right Arrow: SS5.2 - 2nd St	48	12	4.0	IV	1
D3-1R	Street Name with Right Arrow: SS5.3 - Apple Ln	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.4 - Cedar St	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.5 - Eagle Feather St	54	21	7.9	IV	1
D3-1R	Street Name with Right Arrow: SS5.6 - Greyhorse St	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.7 - Janis Dr	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.8 - Pike Rd	54	12	4.5	IV	1
D3-1R	Street Name with Right Arrow: SS5.9 - Redtail Ln	54	12	4.5	IV	1
I2-1	Jurisdictional Boundary: SS12.1 - Jackson County	28	20	3.9	IV	1

PROFESSIONAL ENGINEER
REG. NO 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
I2-1	Jurisdictional Boundary: SS12.2 - Leaving Oglala Lakota Nation	66	18	8.3	IV	2
I2-1	Jurisdictional Boundary: SS12.3 - Entering Oglala Lakota Nation	66	18	8.3	IV	2
I2-2	Geographical Feature: SS13.1 - Eagles Nest Creek	42	18	5.3	IV	1
I2-2	Geographical Feature: SS13.2 - Bear in The Lodge Creek	42	18	5.3	IV	1
M1-4	U.S. Route (1, 2 digits): US 18	24	24	4.0	IV	3
M1-5	State Route (3 digits): SD 407	30	24	5.0	IV	1
M1-5	State Route (1, 2 digits): SD 44	24	24	4.0	IV	3
M2-1P	Junction (plaque), US/State Route Assembly	21	15	2.2	IV	26
M4-14P	Begin (plaque), US/State Route Assembly	24	12	2.0	IV	7
M4-6P	End (plaque), US/State Route Assembly	24	12	2.0	IV	7
M6-1PL	Directional Arrow - Left Turn (plaque), US/State Route Assembly	21	15	2.2	IV	4
M6-1PR	Directional Arrow - Right Turn (plaque), US/State Route Assembly	21	15	2.2	IV	5
R1-1	Stop	30	30	5.2	XI	94
R1-2	Yield	36	36	3.9	XI	26
R1-3P	All Way (plaque)	18	6	0.8	IV	1
R2-1	Speed Limit - 15 mph	24	30	5.0	IV	2
R2-1	Speed Limit - 25 mph	24	30	5.0	IV	2
R2-1	Speed Limit - 35 mph	24	30	5.0	IV	6
R2-1	Speed Limit - 45 mph	24	30	5.0	IV	13
R2-1	Speed Limit - 55 mph	24	30	5.0	IV	1
S1-1	School	36	36	6.7	XI	10
S3-1	School Bus Stop Ahead	36	36	9.0	XI	3
S4-3P	School (plaque)	24	9	1.5	XI	4
S4-5	Reduced School Speed Limit Ahead: 25MPH	36	36	9.0	XI	2
S5-2	End School Zone	24	30	5.0	XI	2



NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
SS1	Cattle Guard Warning	30	30	6.3	XI	13
SS2	Tribal Regulatory Sign	96	48	32.0	IV	2
W1-10bL	Combination Left Curve/Intersection	36	36	9.0	XI	3
W1-10bR	Combination Right Curve/Intersection	36	36	9.0	XI	6
W1-10cL	Combination Left Curve/Intersection	36	36	9.0	XI	5
W1-10cR	Combination Right Curve/Intersection	36	36	9.0	XI	4
W1-10L	Combination Left Curve/Intersection	36	36	9.0	XI	3
W1-10R	Combination Right Curve/Intersection	36	36	9.0	XI	3
W1-11R	Right Hairpin Curve	30	30	6.3	XI	1
W11-5	Farm Vehicle	30	30	6.3	XI	2
W1-1L	Horizontal Alignment - Left Turn	30	30	6.3	XI	18
W1-1R	Horizontal Alignment - Right Turn	30	30	6.3	XI	24
W1-2L	Horizontal Alignment - Left Curve	30	30	6.3	XI	37
W1-2R	Horizontal Alignment - Right Curve	30	30	6.3	XI	35
W13-1P	10 mph Advisory Speed (plaque)	18	18	2.3	XI	10
W13-1P	15 mph Advisory Speed (plaque)	18	18	2.3	XI	42
W13-1P	20 mph Advisory Speed (plaque)	18	18	2.3	XI	48
W13-1P	25 mph Advisory Speed (plaque)	18	18	2.3	XI	11
W13-1P	30 mph Advisory Speed (plaque)	18	18	2.3	XI	42
W13-1P	35 mph Advisory Speed (plaque)	18	18	2.3	XI	21
W13-1P	40 mph Advisory Speed (plaque)	18	18	2.3	XI	21
W13-1P	45 mph Advisory Speed (plaque)	18	18	2.3	XI	13
W13-1P	50 mph Advisory Speed (plaque)	18	18	2.3	XI	8
W1-3L	Horizontal Alignment - Left Reverse Turn	30	30	6.3	XI	7
W1-3R	Horizontal Alignment - Right Reverse Turn	30	30	6.3	XI	6



NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 18 | TOTAL SHEETS: 168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
W14-1	Dead End	30	30	6.3	XI	28
W14-2	No Outlet	30	30	6.3	XI	12
W1-4L	Horizontal Alignment - Left Reverse Curve	30	30	6.3	XI	7
W1-4R	Horizontal Alignment - Right Reverse Curve	30	30	6.3	XI	18
W15-1	Playground - Fluorescent Yellow-Green	30	30	6.3	XI	2
W15-1	Playground - Yellow	30	30	6.3	XI	1
W1-5L	Horizontal Alignment - Winding Road Left	30	30	6.3	XI	26
W1-5R	Horizontal Alignment - Winding Road Right	30	30	6.3	XI	44
W16-2P	XX Feet (2-line plaque): 500 Ft	24	18	3.0	XI	2
W16-7PL	Downward Diagonal Left Arrow (plaque) - Fluorescent Yellow-Green	21	15	2.2	XI	3
W16-9P	Ahead (plaque) - Fluorescent Yellow-Green	24	12	2.0	XI	4
W16-9P	Ahead (plaque) - Yellow	24	12	2.0	XI	3
W1-6L	Large Left Arrow (1-direction)	48	24	8.0	XI	71
W1-6R	Large Right Arrow (1-direction)	48	24	8.0	XI	79
W1-7	Large Arrow (2-direction)	48	24	8.0	XI	29
W1-8	Chevron Alignment	18	24	3.0	XI	156
W18-1	No Traffic Signs	30	30	6.3	XI	28
W2-1	Intersection Warning - Crossroad	30	30	6.3	XI	1
W2-2L	Intersection Warning - Left Side Road	30	30	6.3	XI	10
W2-2R	Intersection Warning - Right Side Road	30	30	6.3	XI	11
W2-3aL	Intersection Warning - Left Oblique Side Road (Acute)	30	30	6.3	XI	3
W2-3aR	Intersection Warning - Right Oblique Side Road (Acute)	30	30	6.3	XI	2
W2-3L	Intersection Warning - Left Oblique Side Road (Obtuse)	30	30	6.3	XI	2
W2-3R	Intersection Warning - Right Oblique Side Road (Obtuse)	30	30	6.3	XI	4
W2-4	Intersection Warning - T-Intersection	30	30	6.3	XI	1

PROFESSIONAL ENGINEER
REG. NO 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

NEW SIGN SUMMARY

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 19 | TOTAL SHEETS: 168

Code	Description	Width (in)	Height (in)	Area (sq ft)	Sheeting Type	# of Signs
W2-5	Intersection Warning - Y-Intersection	30	30	6.3	XI	1
W2-7R	Intersection Warning - Right Offset Side Roads	30	30	6.3	XI	2
W2-8L	Intersection Warning - Left Side Roads	30	30	6.3	XI	1
W3-1	Stop Ahead	30	30	6.3	XI	20
W3-2	Yield Ahead	30	30	6.3	XI	3
W5-1	Road Narrows	36	36	9.0	XI	1
W70-1	Minimum Maintenance	36	36	9.0	XI	95
W70-2	No Maintenance	36	36	9.0	XI	17
W70-3	Travel At Your Own Risk (plaque)	24	18	3.0	XI	97
W70-4	No Travel Advised (plaque)	24	18	3.0	XI	17
W7-3aP	Next XX Miles (plaque): Next 1 Mile	24	18	3.0	XI	2
W7-3aP	Next XX Miles (plaque): Next 10 Miles	24	18	3.0	XI	2
W7-3aP	Next XX Miles (plaque): Next 17 Miles	24	18	3.0	XI	2
W7-3aP	Next XX Miles (plaque): Next 2 Miles	24	18	3.0	XI	6
W7-3aP	Next XX Miles (plaque): Next 3 Miles	24	18	3.0	XI	4
W7-3aP	Next XX Miles (plaque): Next 4 Miles	24	18	3.0	XI	4
W7-3aP	Next XX Miles (plaque): Next 6 Miles	24	18	3.0	XI	6
W7-3aP	Next XX Miles (plaque): Next 7 Miles	24	18	3.0	XI	1
W7-6	Hill Blocks View	30	30	6.3	XI	1
W8-18	Road May Flood	36	36	9.0	XI	2
W8-26	Road Ends Advance: Road Ends 500ft	30	30	6.3	XI	4
W8-3	Pavement Ends	36	36	9.0	XI	4
W8-7	Loose Gravel	36	36	9.0	XI	5
W8-8	Rough Road	36	36	9.0	XI	4

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7/9/2026
SOUTH DAKOTA

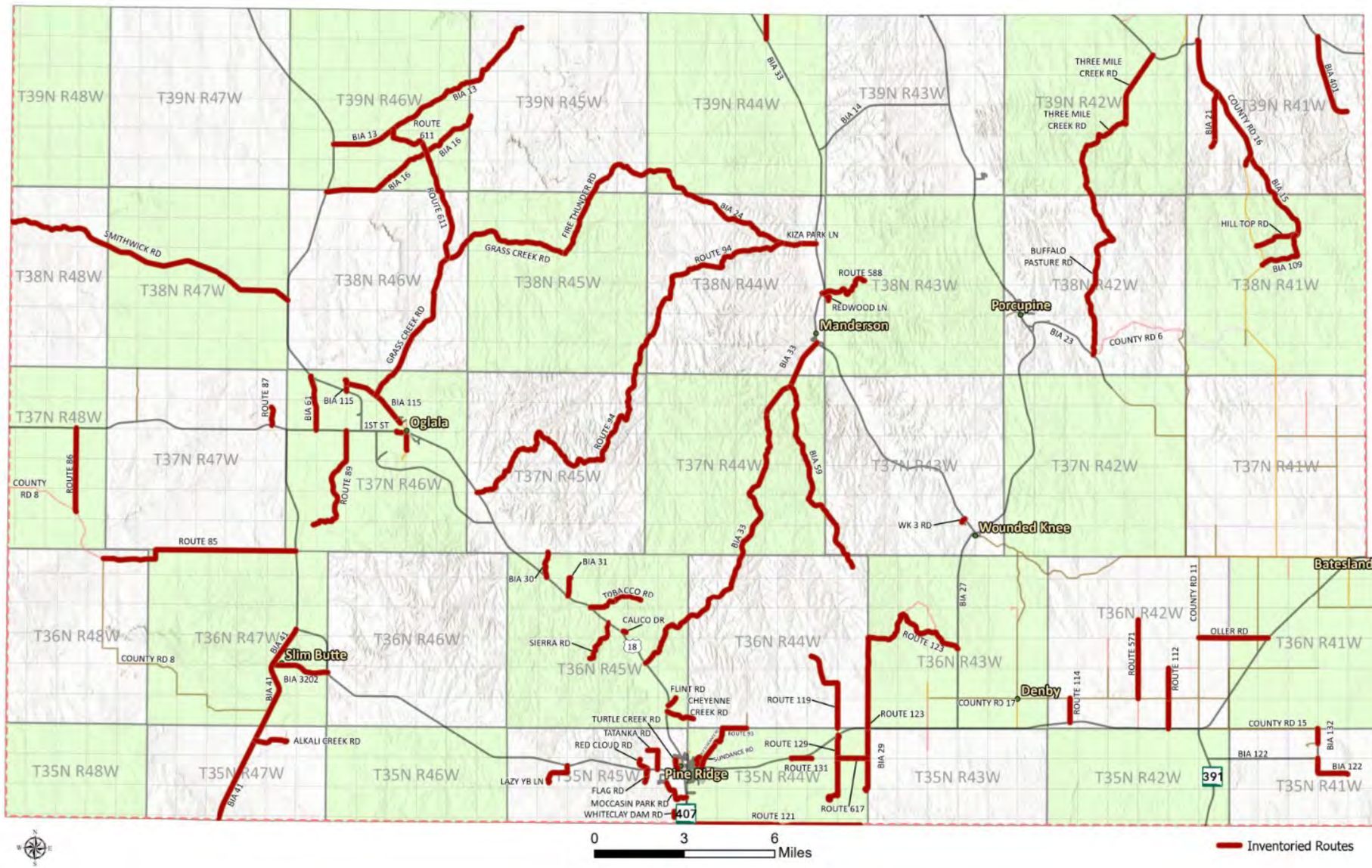
MAP OF OGLALA LAKOTA COUNTY

SOUTH HALF

FOR BIDDING PURPOSES ONLY

KLJ	SD DOT	PROJECT	SHEET	TOTAL SHEETS
		PH 8057(04)	20	168

Plotting Date: 7/2/2026





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SOUTH DAKOTA

Plotted From - IsaacBerg File - ...\CAD\Design\Plans\05WP_Maps.dgn

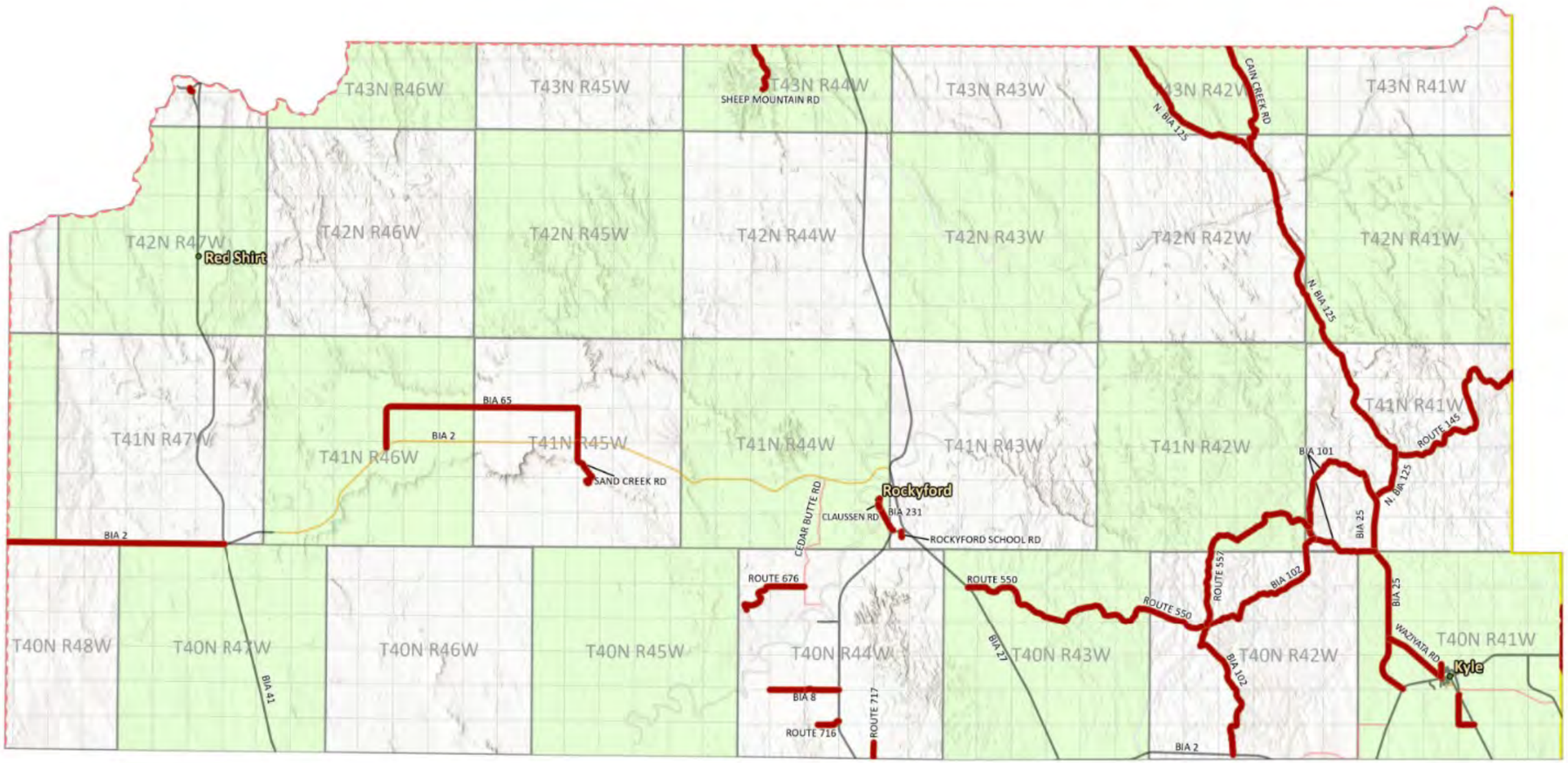
MAP OF OGLALA LAKOTA COUNTY

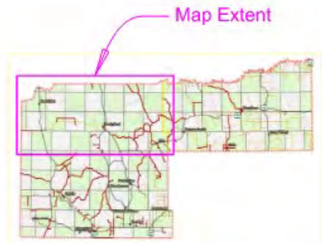
FOR BIDDING PURPOSES ONLY

KLJ	SD DOT	PROJECT	SHEET	TOTAL SHEETS
		PH 8057(04)	21	168

Plotting Date: 7/2/2026

NORTH HALF





0 3 6 Miles

Inventoried Routes

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MAP OF JACKSON COUNTY

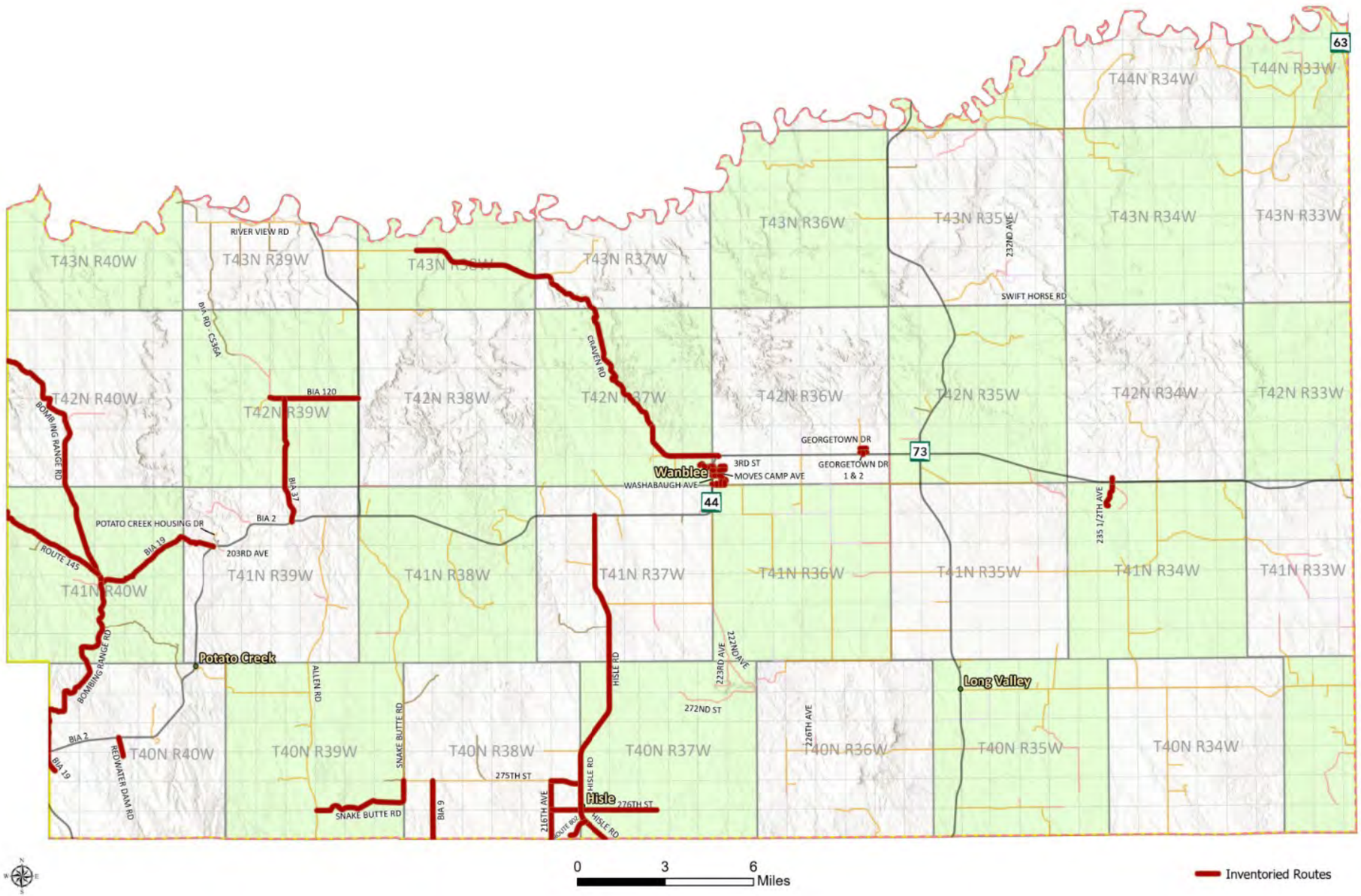
SOUTH HALF

FOR BIDDING PURPOSES ONLY

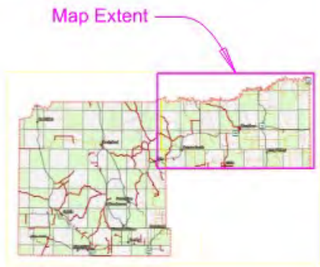
KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	22	168

Plotting Date: 7/2/2026



Map Extent



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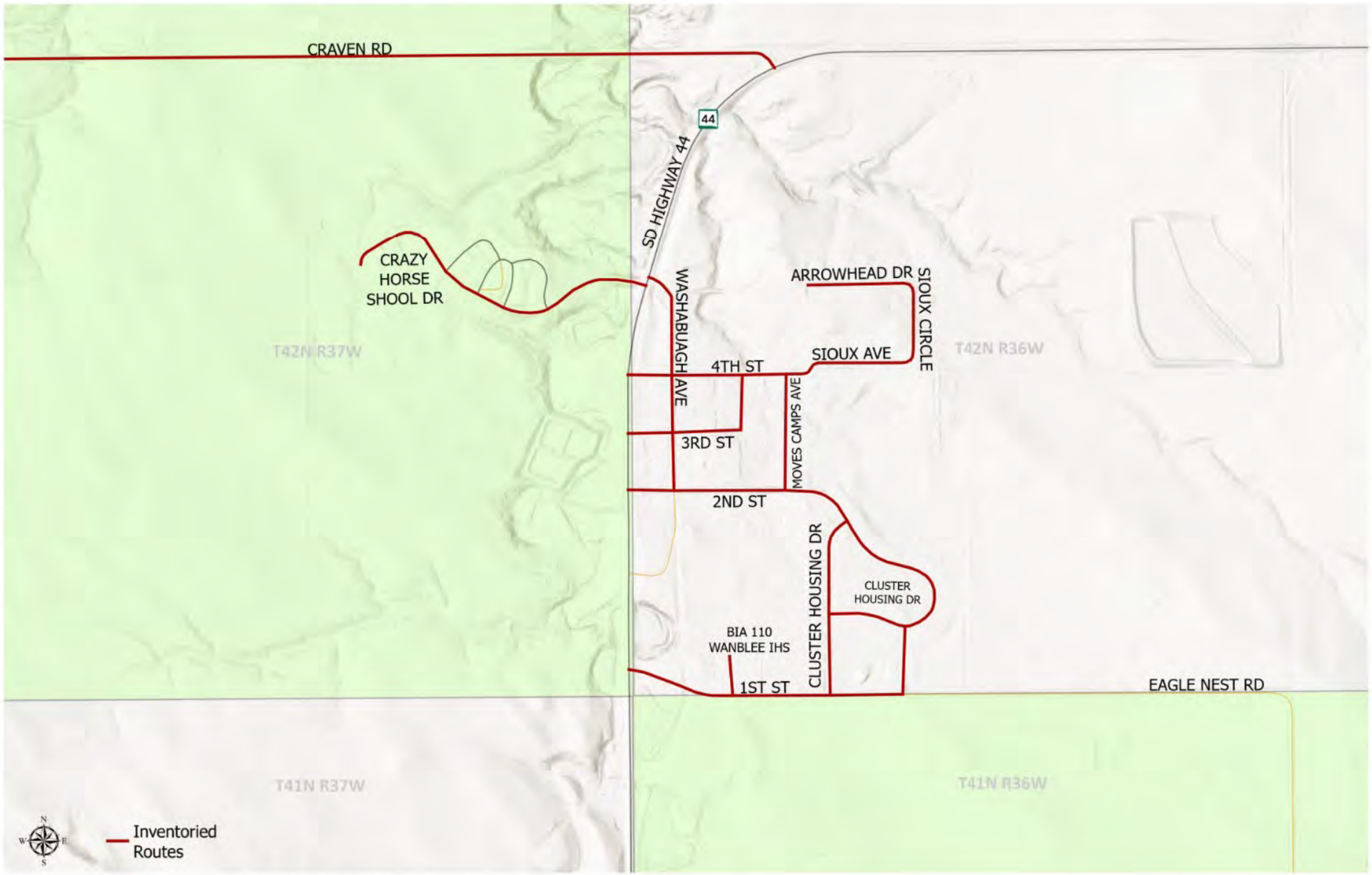
MAP OF WANBLEE

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	23	168

Plotting Date: 7/2/2026



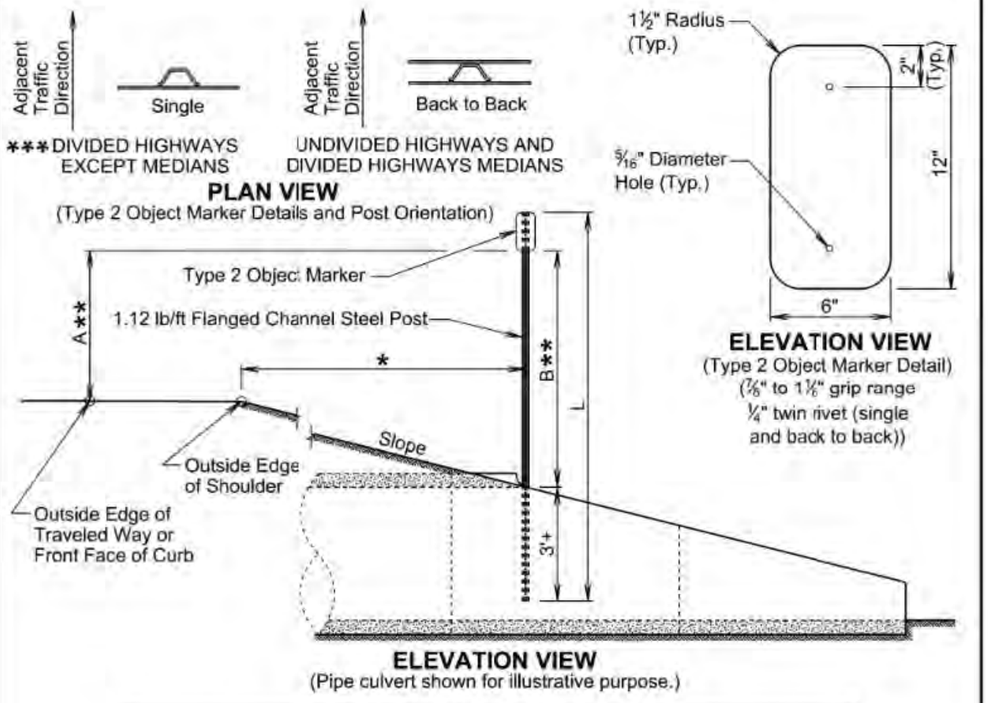
Map Location



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

GENERAL NOTES:

*** The type 2 object marker may be installed back to back when specified in the plans.

Post Length L was calculated based on a shoulder width of 6 feet at a crosslope of 4 percent and L was rounded up to the nearest 3 inches.

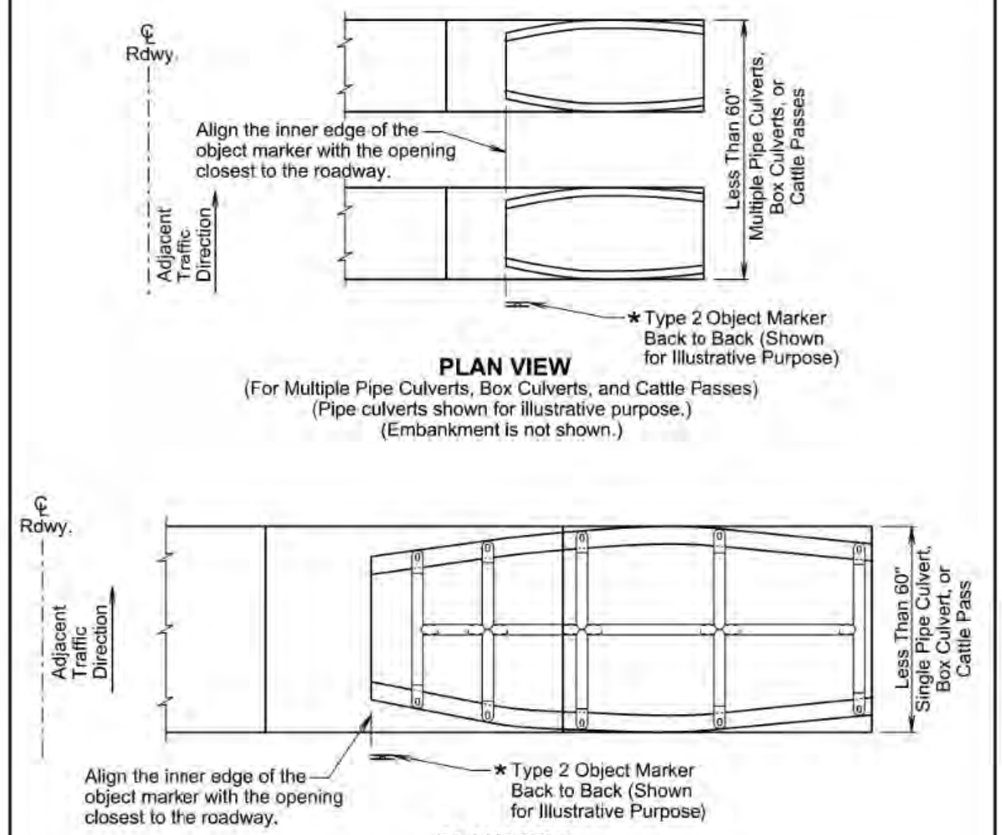
** Dimension A is 4 feet when the Offset * is 8 feet and less. Dimension B is 4 feet when Offset * is greater than 8 feet.

The type 2 object marker and the 1.12 lb/ft flanged channel steel post will be in conformance with Specifications Section 982.2 J.

Payment for the type 2 object marker will be in conformance with Specification Section 632.5 B.

December 23, 2019

Published Date: 2027	SDDOT	TYPE 2 OBJECT MARKER (DIRECT DRIVE)	PLATE NUMBER 632.01 Sheet 1 of 1



GENERAL NOTES:

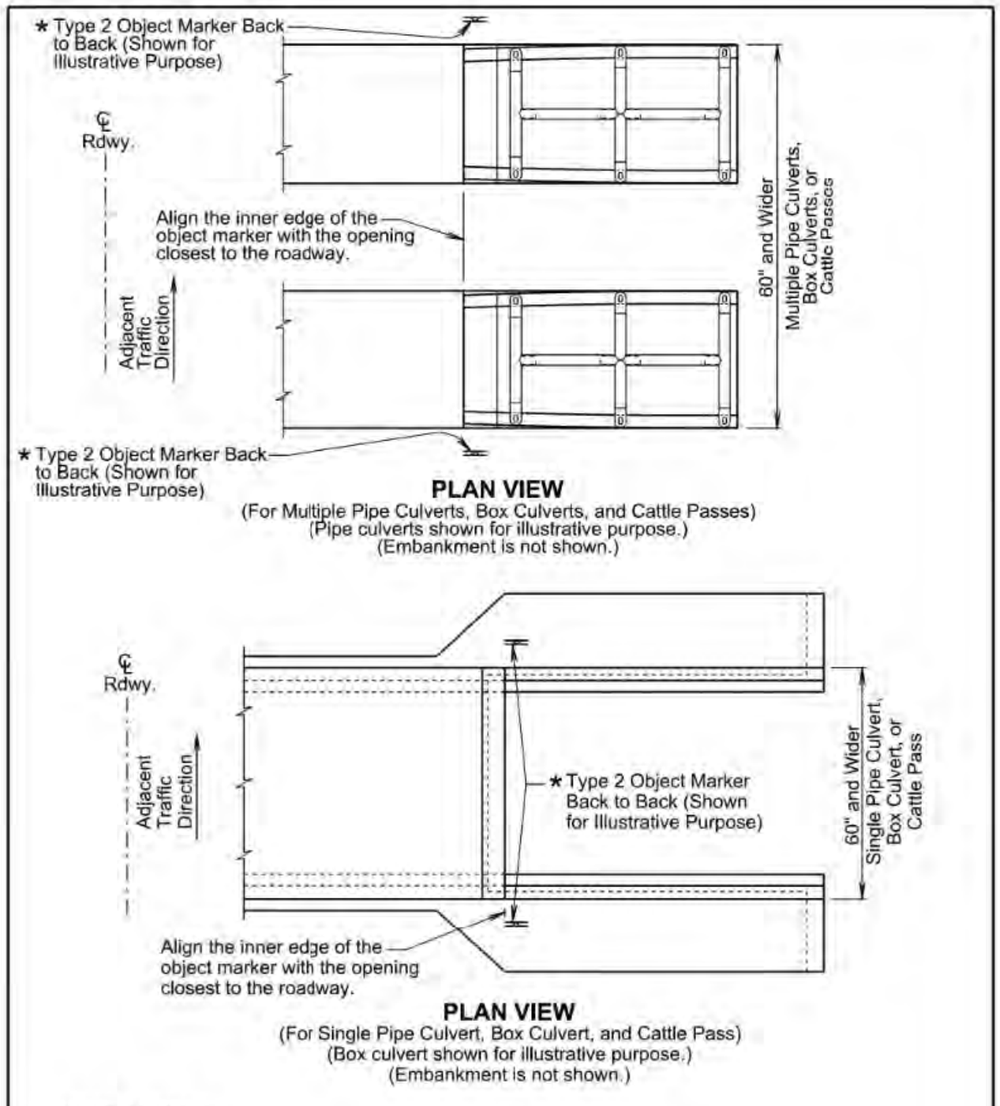
This standard plate will be used in conjunction with standard plate 632.01.

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

December 23, 2019

Published Date: 2027	SDDOT	TYPE 2 OBJECT MARKER AT PIPE CULVERTS, BOX CULVERTS, AND CATTLE PASSES (Less than 60" Overall Width)	PLATE NUMBER 632.03 Sheet 1 of 1

FOR BIDDING PURPOSES ONLY



PLAN VIEW
(For Multiple Pipe Culverts, Box Culverts, and Cattle Passes)
(Pipe culverts shown for illustrative purpose.)
(Embankment is not shown.)

PLAN VIEW
(For Single Pipe Culvert, Box Culvert, and Cattle Pass)
(Box culvert shown for illustrative purpose.)
(Embankment is not shown.)

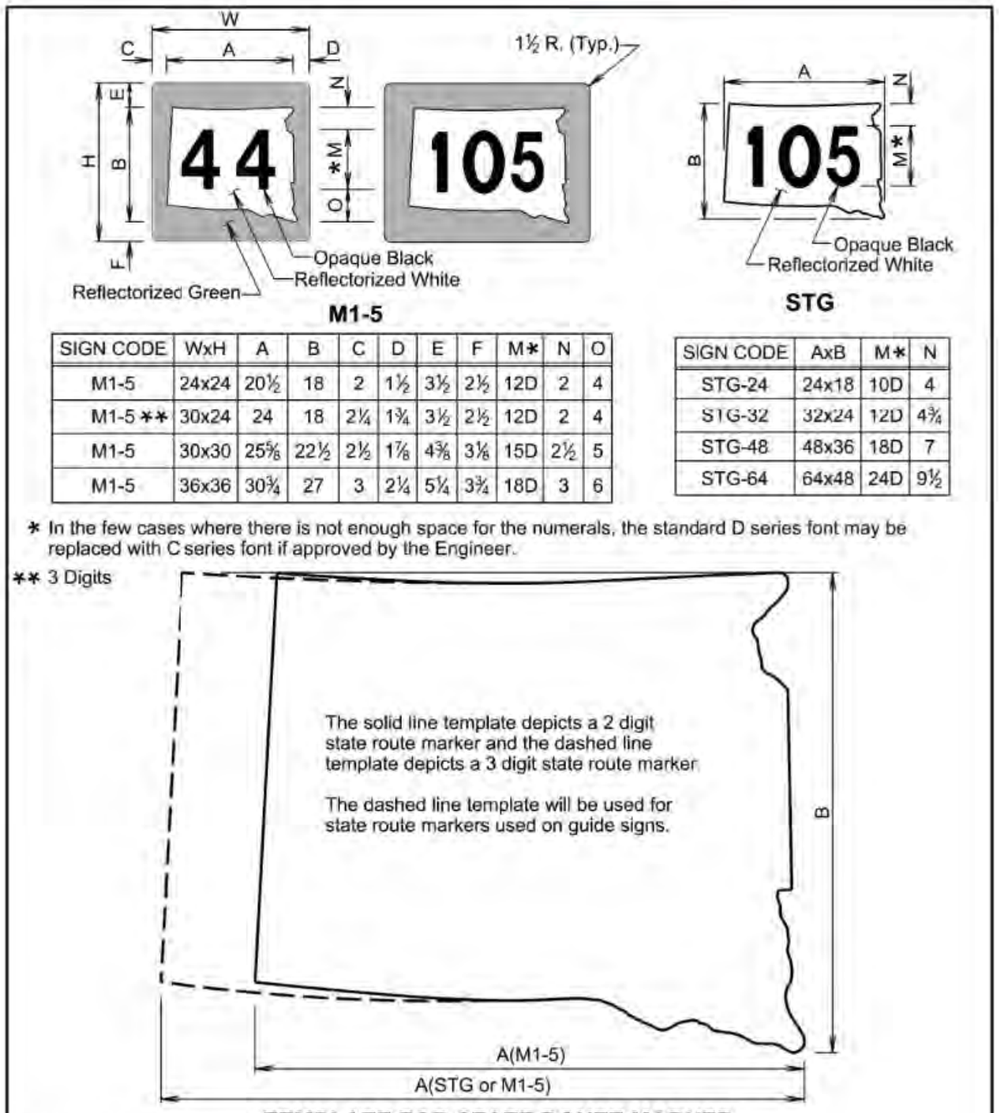
GENERAL NOTES:

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

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

December 23, 2019

Published Date: 2027	SDDOT	TYPE 2 OBJECT MARKER AT PIPE CULVERTS, BOX CULVERTS, AND CATTLE PASSES (60" and Greater Overall Width)	PLATE NUMBER 632.04 Sheet 1 of 1



M1-5

SIGN CODE	WxH	A	B	C	D	E	F	M*	N	O
M1-5	24x24	20½	18	2	1½	3½	2½	12D	2	4
M1-5 **	30x24	24	18	2¼	1¾	3½	2½	12D	2	4
M1-5	30x30	25⅝	22½	2½	1⅞	4⅜	3⅛	15D	2½	5
M1-5	36x36	30¾	27	3	2¼	5¼	3¾	18D	3	6

STG

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

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

** 3 Digits

TEMPLATE FOR STATE ROUTE MARKER

GENERAL NOTES:

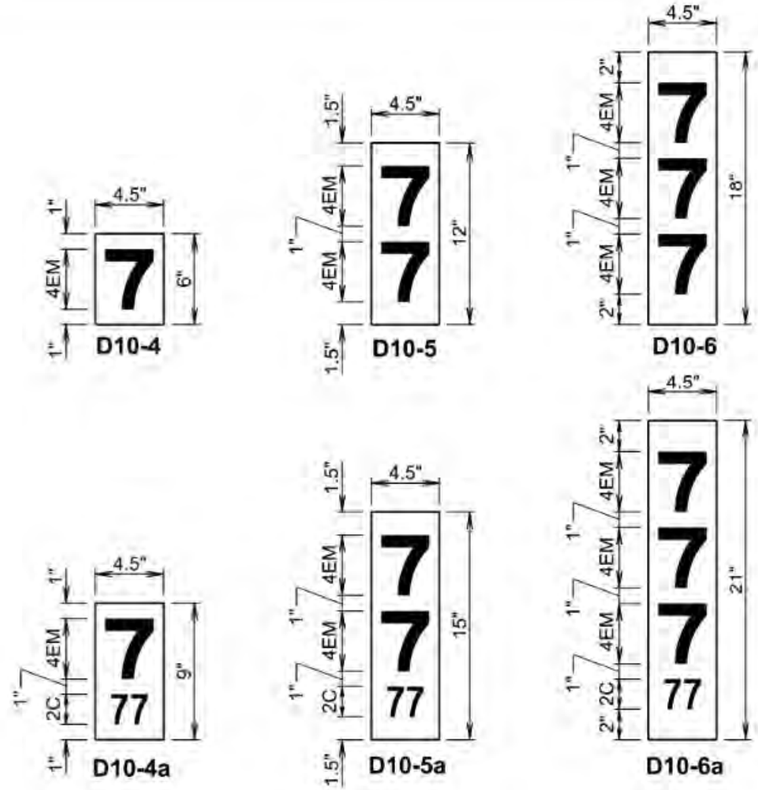
The unit for all dimensions shown is inches.

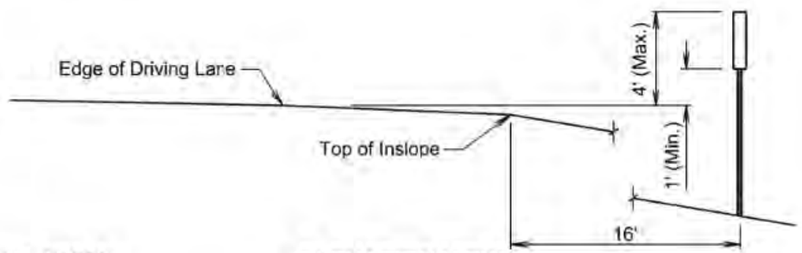
Numerals will be D series font for all state route markers except as noted above.

December 23, 2019

Published Date: 2027	SDDOT	STATE ROUTE MARKERS	PLATE NUMBER 632.20 Sheet 1 of 1

FOR BIDDING PURPOSES ONLY





ELEVATION VIEW

GENERAL NOTES:

Background will be high intensity green.

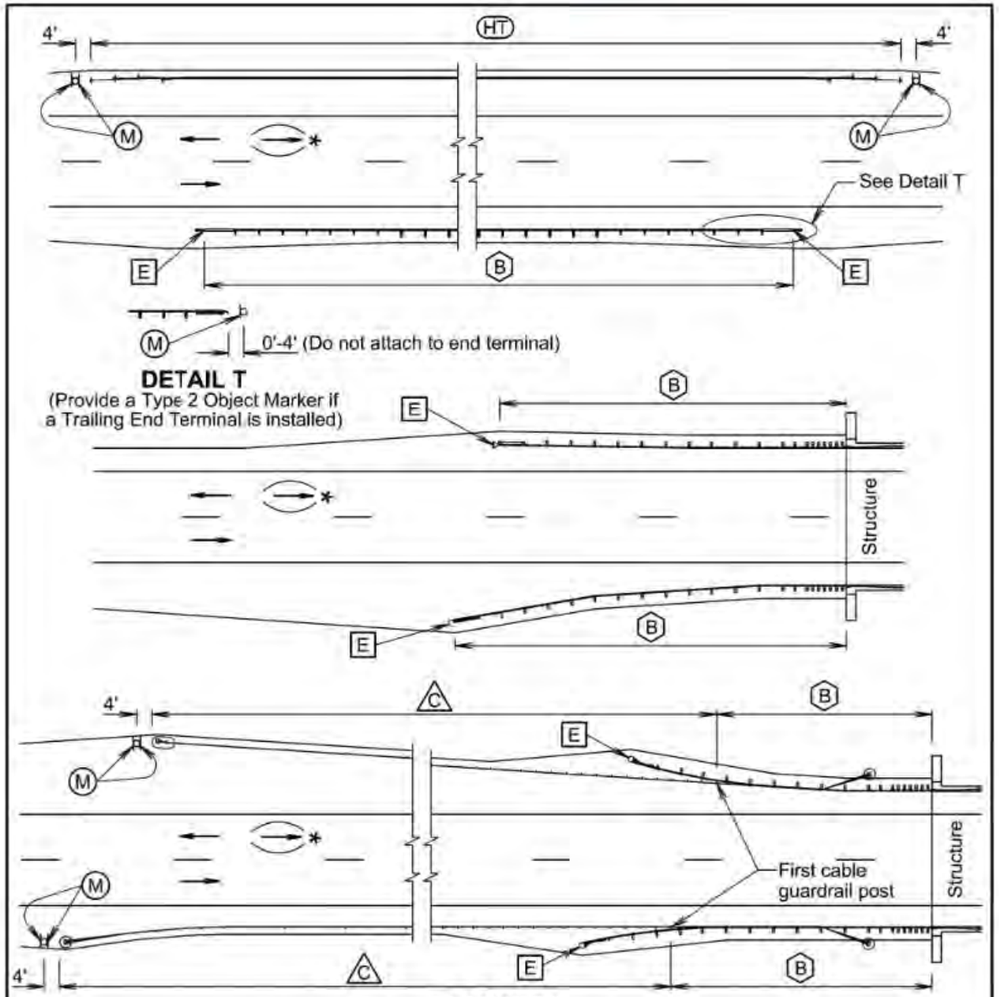
Legend will be high intensity white.

Signs will have squared corners with no border.

Sign locations will be staked by the Engineer.

December 23, 2019

Published Date: 2027	SDDOT	NON-INTERSTATE MILEAGE REFERENCE MARKERS	PLATE NUMBER 632.30
			Sheet 1 of 1



PLAN VIEW
(Typical Guardrail Layouts)

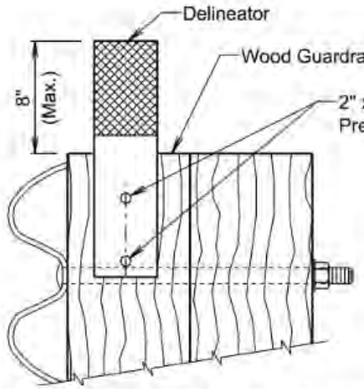
- (B) Steel Beam Guardrail Delineation
- [E] Guardrail End Terminal Object Marker
- <C> 3 Cable Guardrail (Low Tension) Delineation
- (HT) High Tension Cable Guardrail Delineation
- (M) Type 2 Object Marker

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

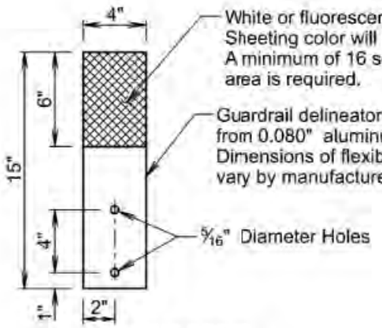
April 8, 2025

Published Date: 2027	SDDOT	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
			Sheet 1 of 4

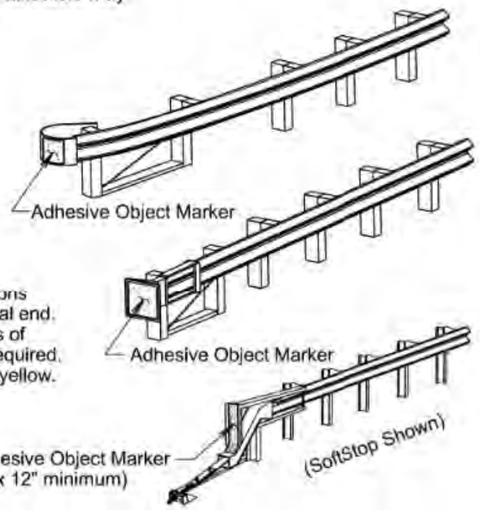
FOR BIDDING PURPOSES ONLY



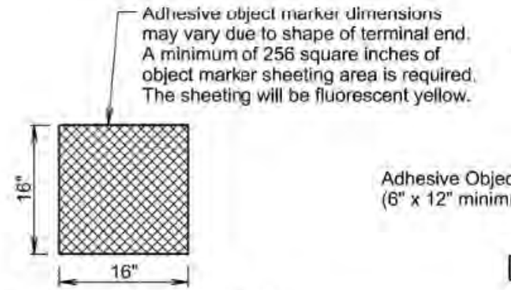
(B) STEEL BEAM GUARDRAIL DELINEATION



DELINEATOR
(For Steel Beam Guardrail)



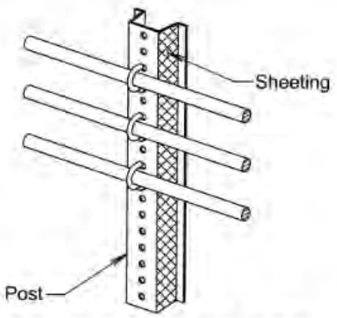
(E) GUARDRAIL END TERMINAL OBJECT MARKER



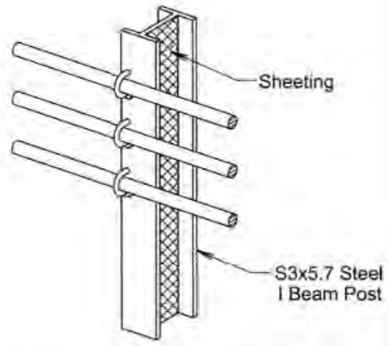
ADHESIVE OBJECT MARKER

April 8, 2025

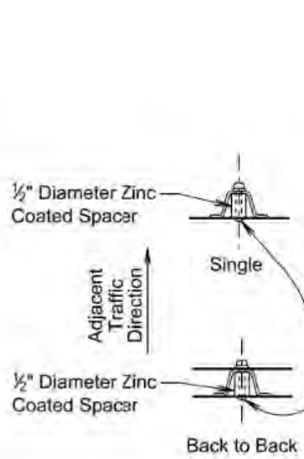
Published Date: 2027	SDDOT	DELINEATION GUARDRAIL	PLATE NUMBER 632.40
			Sheet 2 of 4



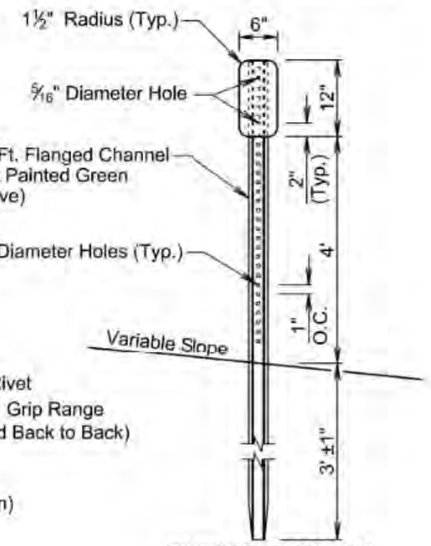
(C) 3 CABLE GUARDRAIL (LOW TENSION) DELINEATION



(C) 3 CABLE GUARDRAIL (LOW TENSION) DELINEATION



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



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

April 8, 2025

Published Date: 2027	SDDOT	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
			Sheet 3 of 4

FOR BIDDING PURPOSES ONLY

GENERAL NOTES:

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

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

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

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

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

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

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

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

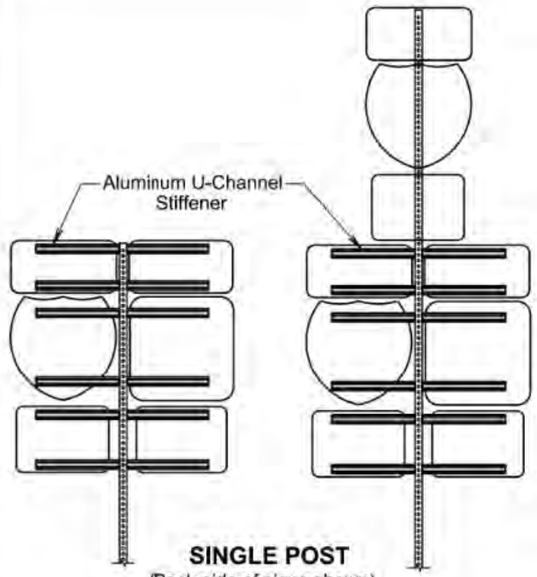
All costs for furnishing and installing the reflective sheeting on the cable spacers or post caps for the high tension cable guardrail will be incidental to the respective high tension cable guardrail contract item.

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

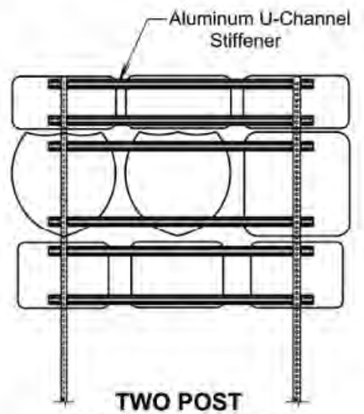
A type 2 object marker will be placed such that the edges of the type 2 object marker and the 3 cable guardrail (low tension) anchor, high tension cable guardrail anchor, or the trailing end terminal that are nearest to the roadway will be installed in line with the same lateral offset from the traveled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

April 8, 2025

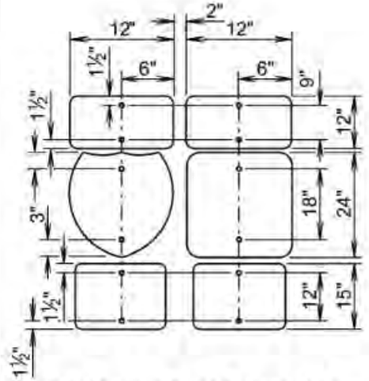
Published Date: 2027	SDDOT	DELINEATION OF GUARDRAIL	PLATE NUMBER 632.40
			Sheet 4 of 4



SINGLE POST
(Back-side of signs shown)



TWO POST
(Back-side of signs shown)



TYPICAL ROUTE MARKER BOLT HOLE LOCATIONS

November 19, 2020

Published Date: 2027	SDDOT	MULTIPLE ROUTE MARKER SIGN STIFFENER INSTALLATION DETAILS	PLATE NUMBER 632.62
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY

The signs illustrated are not required if the work space is behind a barrier, more than 2 feet behind the curb, or 15 feet or more from the edge of any roadway.

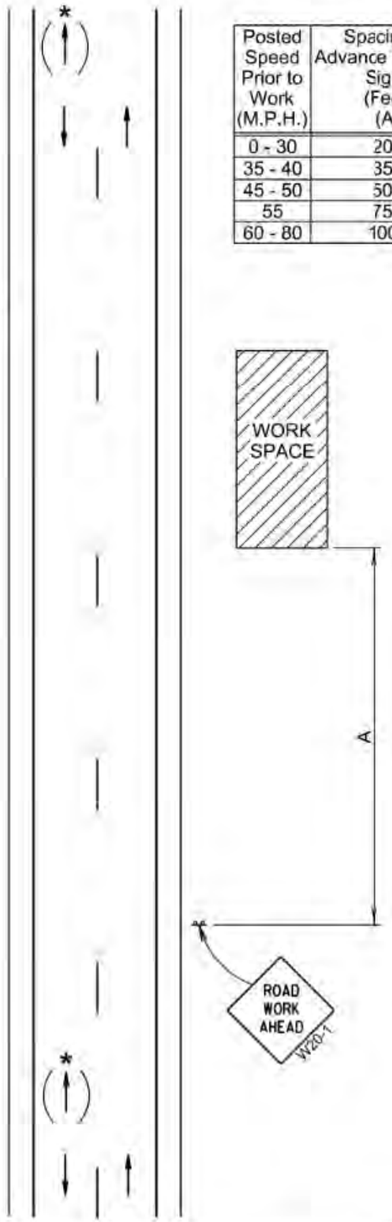
The signs illustrated will be used where there are distracting situations; such as: vehicles parked on shoulder, vehicles accessing the work site via the highway, and equipment traveling on or crossing the roadway to perform work operations.

The ROAD WORK AHEAD sign may be replaced with other appropriate signs, such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.

* If the work space is on a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

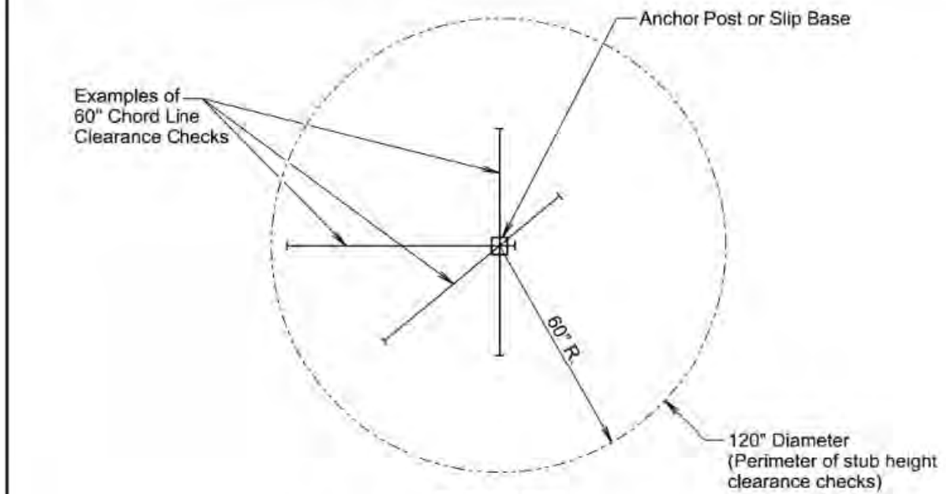
For short term, short duration, or mobile operations, all signs and channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.

Posted Speed Prior to Work (M.P.H.)	Spacing of Advance Warning Signs (Feet) (A)
0 - 30	200
35 - 40	350
45 - 50	500
55	750
60 - 80	1000

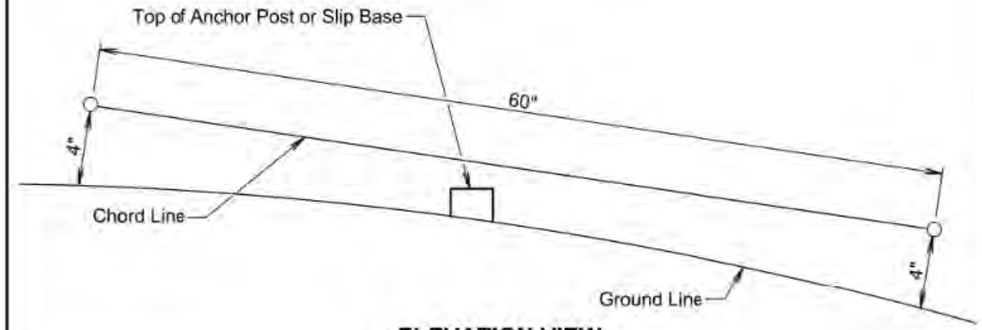


January 22, 2021

Published Date: 2027	SDDOT	WORK BEYOND THE SHOULDER	PLATE NUMBER 634.01
			Sheet 1 of 1



PLAN VIEW
(Examples of stub height clearance checks)



ELEVATION VIEW

GENERAL NOTES:

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

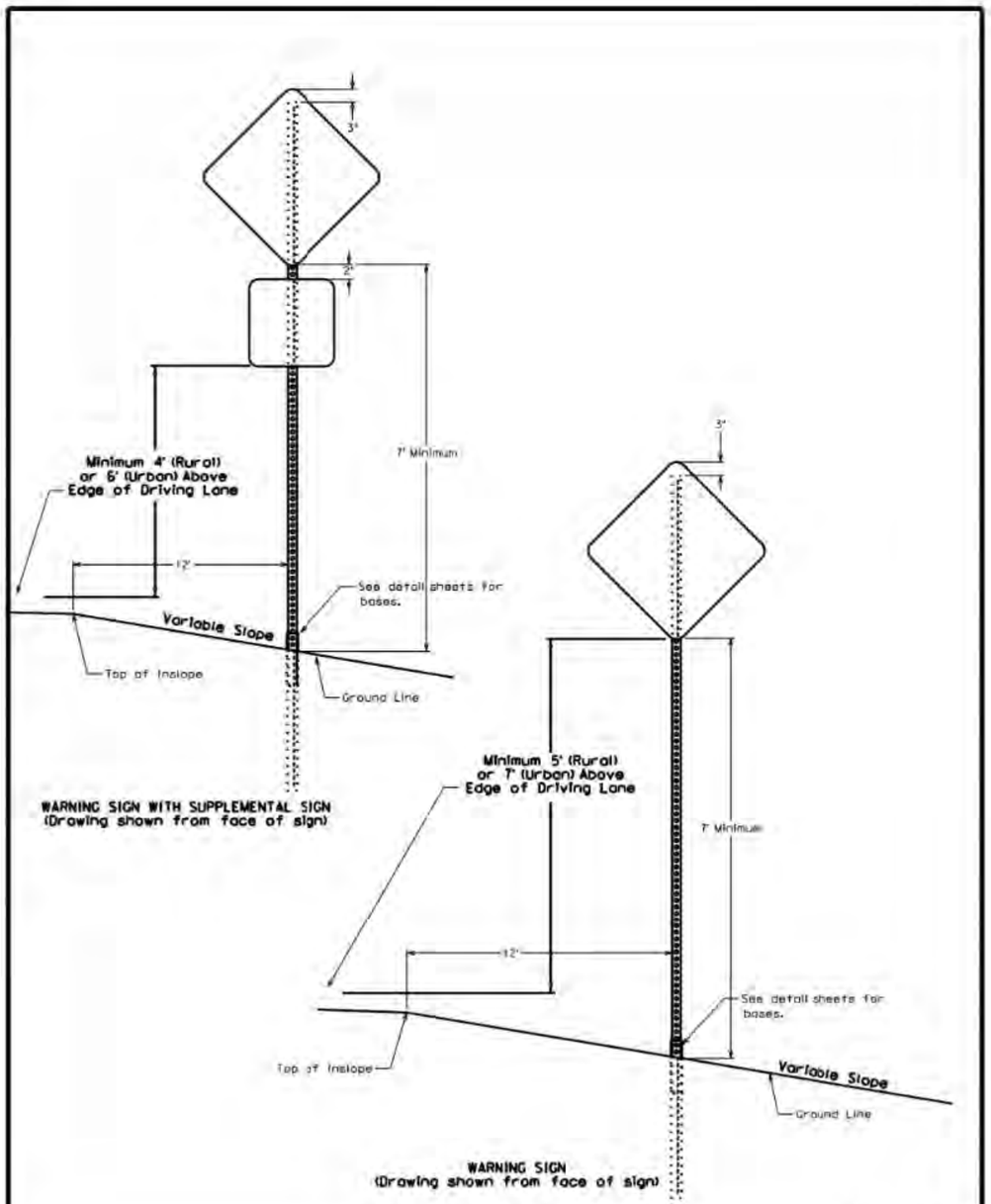
At locations where there is curb and gutter adjacent to the breakaway sign support, the stub height will be a maximum of 4" above the ground line at the localized area adjacent to the breakaway support stub.

The 4" stub height clearance is not necessary for U-channel lap splices where the support is designed to yield (bend) at the base.

January 22, 2021

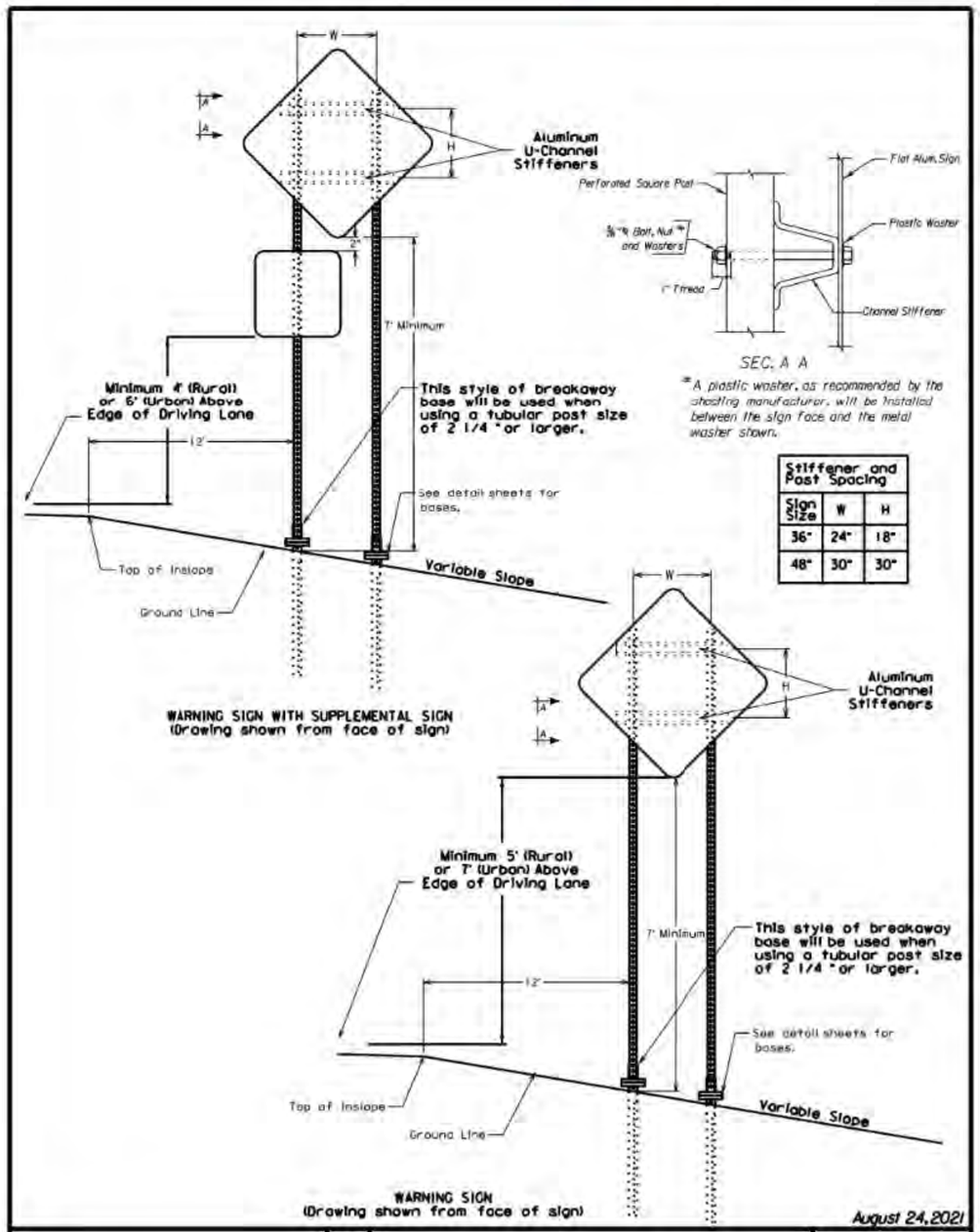
Published Date: 2027	SDDOT	BREAKAWAY SUPPORT STUB CLEARANCE	PLATE NUMBER 634.99
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY



December 9, 2013

	SDDOT	30" WARNING SIGNS (Typical Sign Detail)	SPECIAL DETAIL LOI Sheet 1 of 1



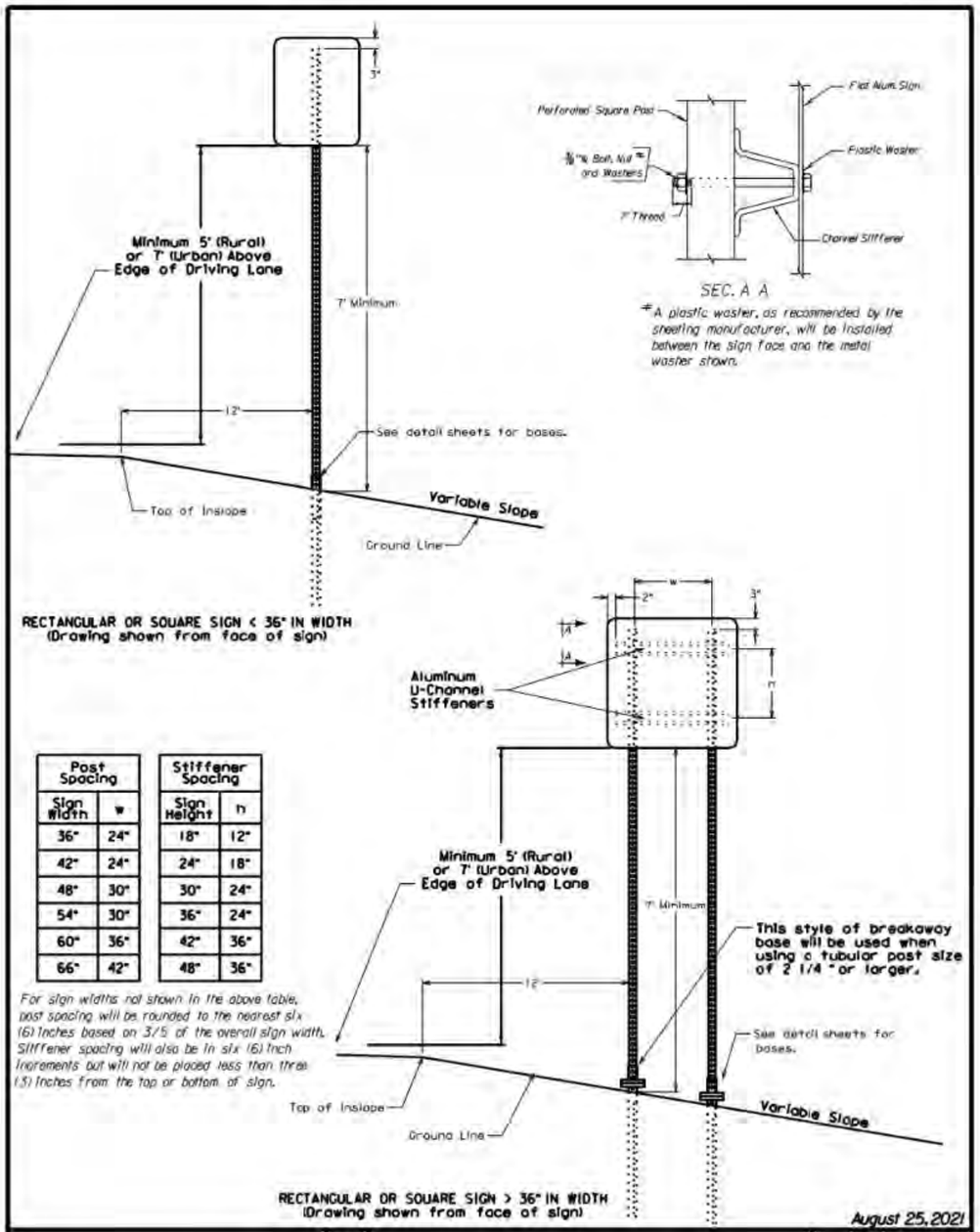
"A plastic washer, as recommended by the sheeting manufacturer, will be installed between the sign face and the metal washer shown.

Stiffener and Post Spacing		
Sign Size	W	H
36"	24"	18"
48"	30"	30"

August 24, 2021

	SDDOT	36" AND 48" WARNING SIGNS (Typical Sign and Stiffener Detail)	SPECIAL DETAIL LO2 Sheet 1 of 1

FOR BIDDING PURPOSES ONLY



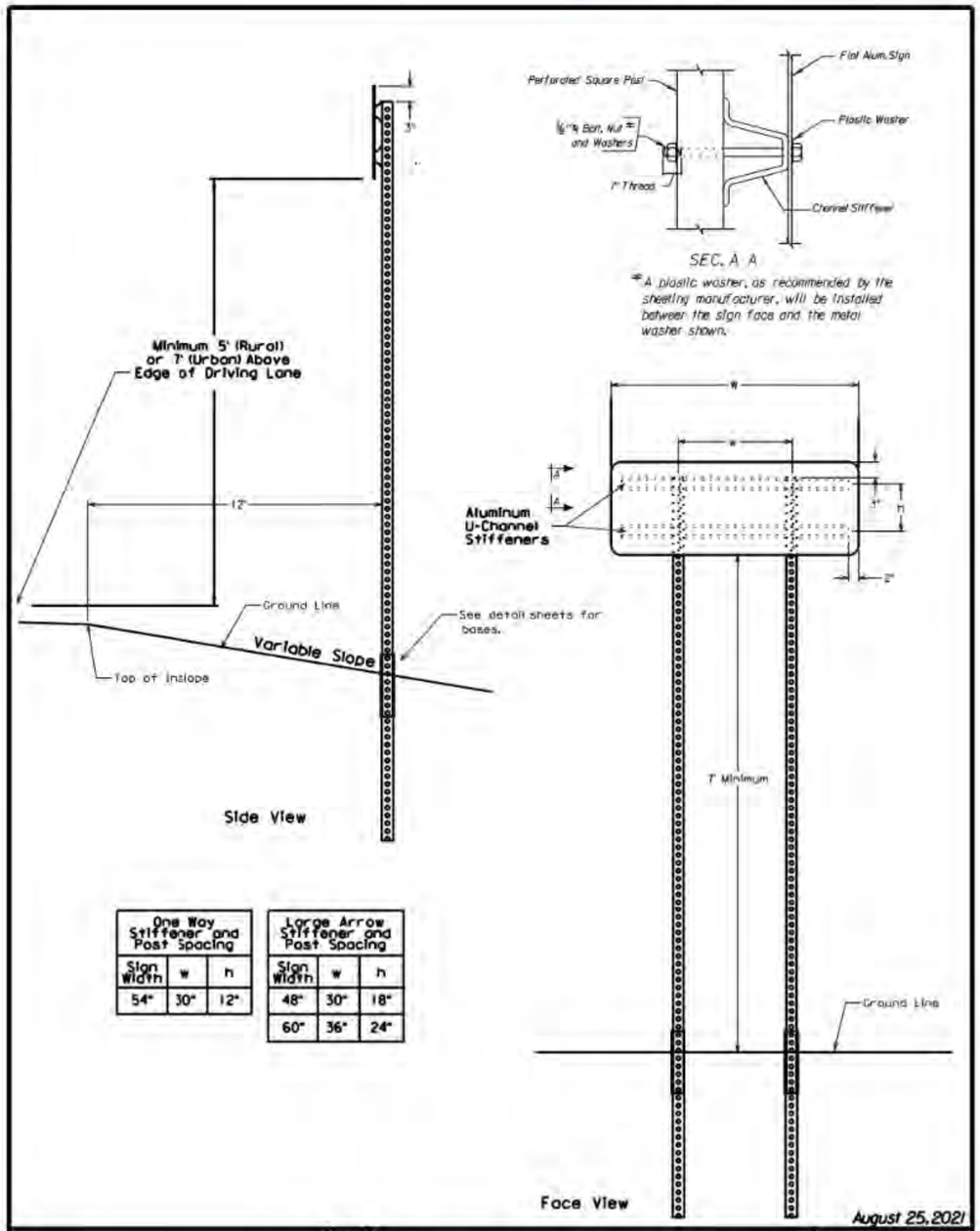
Post Spacing	
Sign Width	w
36"	24"
42"	24"
48"	30"
54"	30"
60"	36"
66"	42"

Stiffener Spacing	
Sign Height	h
18"	12"
24"	18"
30"	24"
36"	24"
42"	36"
48"	36"

For sign widths not shown in the above table, post spacing will be rounded to the nearest six (6) inches based on 3/5 of the overall sign width. Stiffener spacing will also be in six (6) inch increments but will not be placed less than three (3) inches from the top or bottom of sign.

August 25, 2021

SDDOT	SQUARE OR RECTANGULAR SIGNS (Typical Sign and Stiffener Details)	SPECIAL DETAIL L03
		Sheet 1 of 1



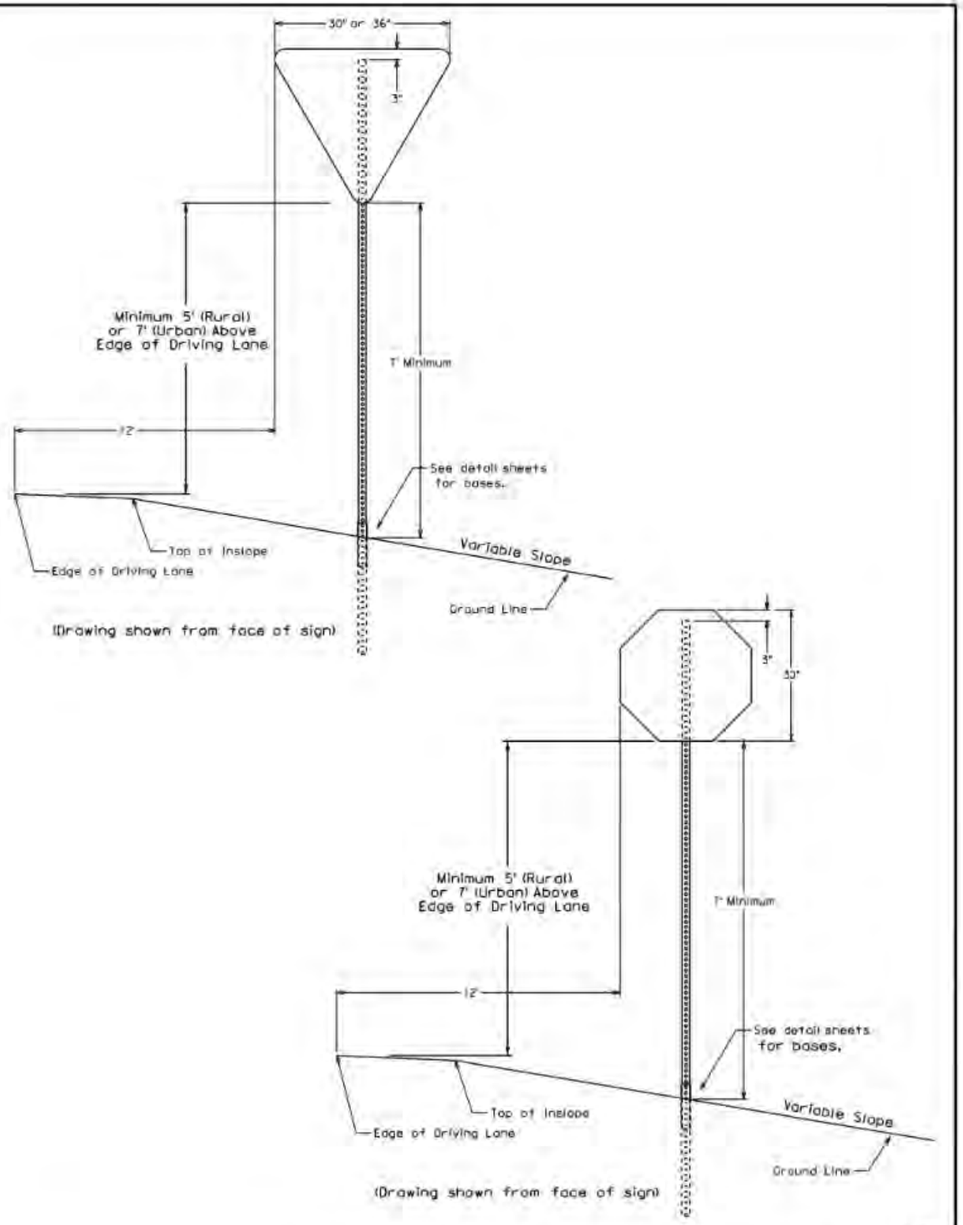
One Way Stiffener and Post Spacing		
Sign Width	w	h
54"	30"	12"

Large Arrow Stiffener and Post Spacing		
Sign Width	w	h
48"	30"	18"
60"	36"	24"

August 25, 2021

SDDOT	ONE WAY SIGN OR LARGE ARROW SIGN (Typical Sign and Stiffener Details)	SPECIAL DETAIL L04
		Sheet 1 of 1

FOR BIDDING PURPOSES ONLY

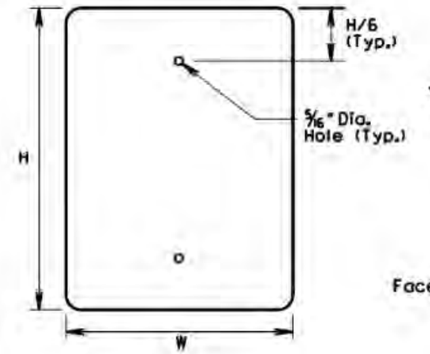


June 10, 2013

	SDDOT	30" STOP OR 30"-36" YIELD (Typical Sign Details)	SPECIAL DETAIL L06
			Sheet 1 of 1

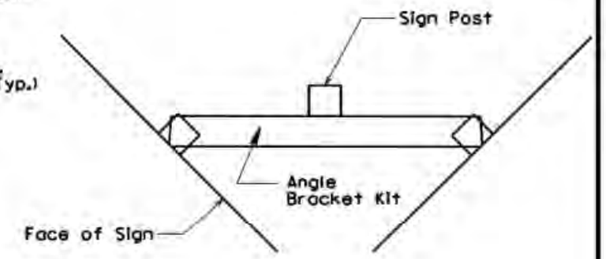
WI-8 Single Mount Detail

View from Face

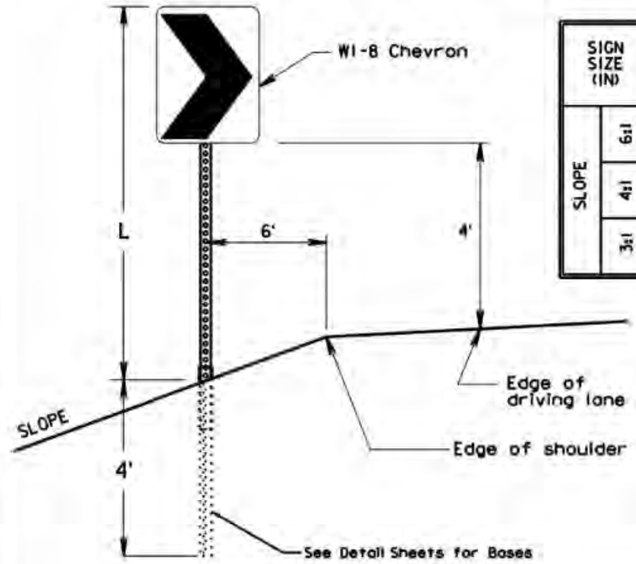


WI-8 Double Mount Detail

View from Top



NOTE: Chevrons will be installed on all curves where the difference between the speed limit and the advisory speed is 10 mph or greater. The first Chevron will be placed within 50' of begining of curve from each direction of travel and will be mounted as a single mount installation. All intermediate installations will be mounted as a double mount installation with approach angle adjusted such that 3 sign faces are visible at all times when traveling through the curve.

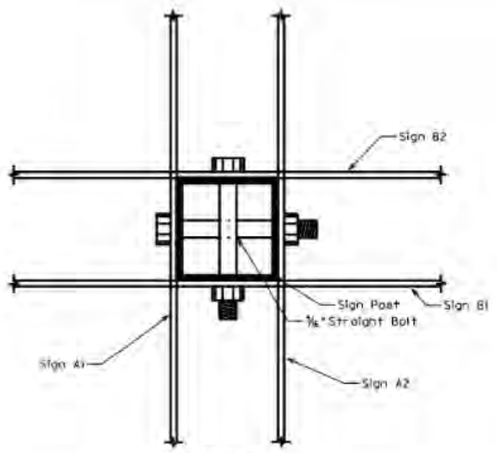


SIGN SIZE (IN)		12x18	18x24	24x30	30x36	36x48
		POST LENGTH L (FT)				
SLOPE	6:1	6½	7	7½	8	9
	4:1	7	7½	8	8½	9½
	3:1	7½	8	8½	9	10

August 25, 2021

	SDDOT	CHEVRON SIGN (Typical Erection Details)	SPECIAL DETAIL L09
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY

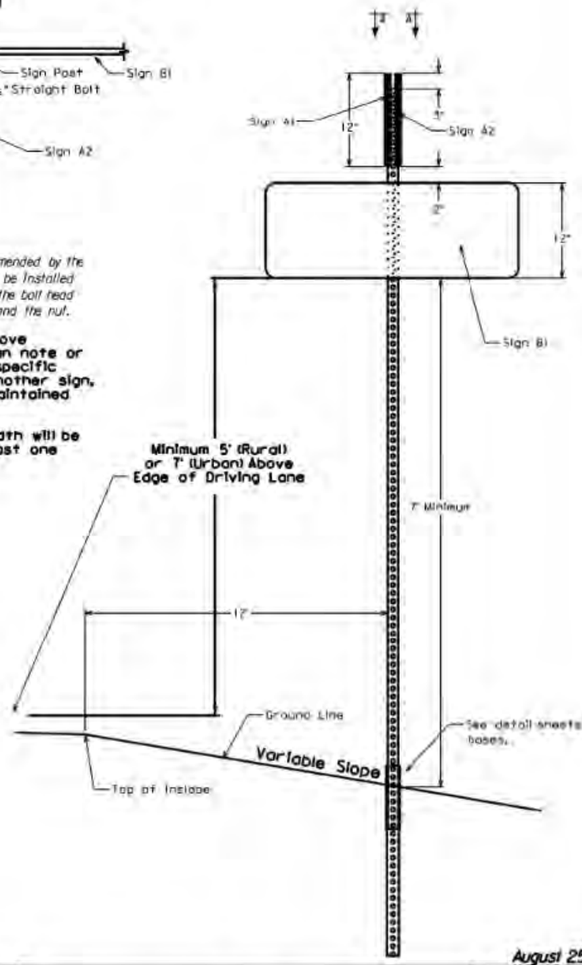


SEC. A-A

*A plastic washer, as recommended by the sheeting manufacturer, will be installed between the sign face and the bolt head and also between the sign and the nut.

NOTE: Sign assembly may be mounted above Yield or Stop sign - refer to plan note or Table of Permanent Signing for specific locations. When mounting above another sign, 2" of verticle clearance will be maintained between signs.

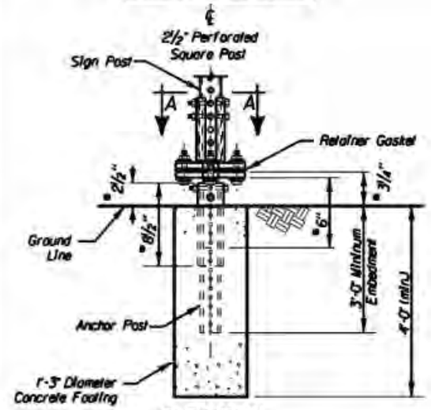
Back-to-back signs over 24" in width will be bolted to each other with at least one connector on each end of sign.



August 25, 2021

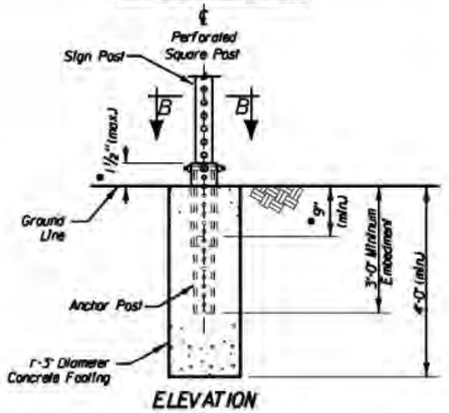
	SDDOT	STREET NAME SIGN (Typical Sign and Stiffener Details)	SPECIAL DETAIL L10
			Sheet 1 of 1

SLIP BASE DESIGN



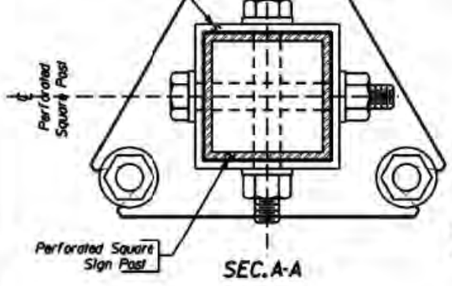
ELEVATION

STUB POST DESIGN

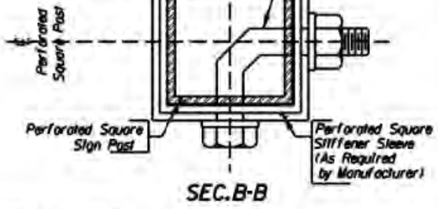


ELEVATION

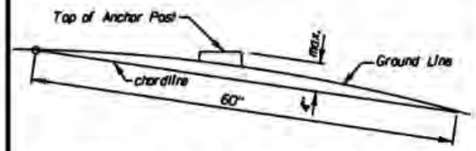
* Dimensions shown may vary by Manufacturer. The Contractor will use Manufacturer recommended assembly parts and procedures. Sign installations must meet or exceed NCHRP 350 or MASH breakaway requirements and be FHWA approved.



SEC. A-A



SEC. B-B



BREAKAWAY SUPPORT STUB CLEARANCE DIAGRAM

NOTE: The top of anchor post will NOT extend more than 4" max.

GENERAL NOTES-

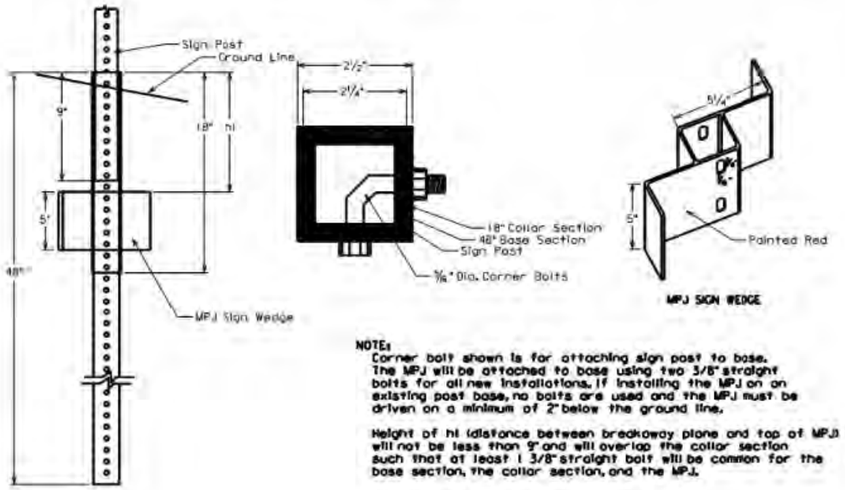
1. Design Specification: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, Latest Edition.
2. The manufacturer will provide certification that the posts and hardware furnished have essentially the same chemistry, mechanical properties and geometry as that used in the FHWA tests, and that it will meet the FHWA change in velocity requirements.
3. The manufacturer will also provide certification that the breakaway system furnished will develop the full shear and bending yield strength of the sign post section being spliced.
4. All posts will be galvanized in accordance with ASTM A653, Des. G-90.
5. All hardware will be galvanized in accordance with ASTM A153.

August 25, 2021

	SDDOT	BREAKAWAY SIGN SUPPORTS Perforated Steel Post w/Concrete Footings	SPECIAL DETAIL L20
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY

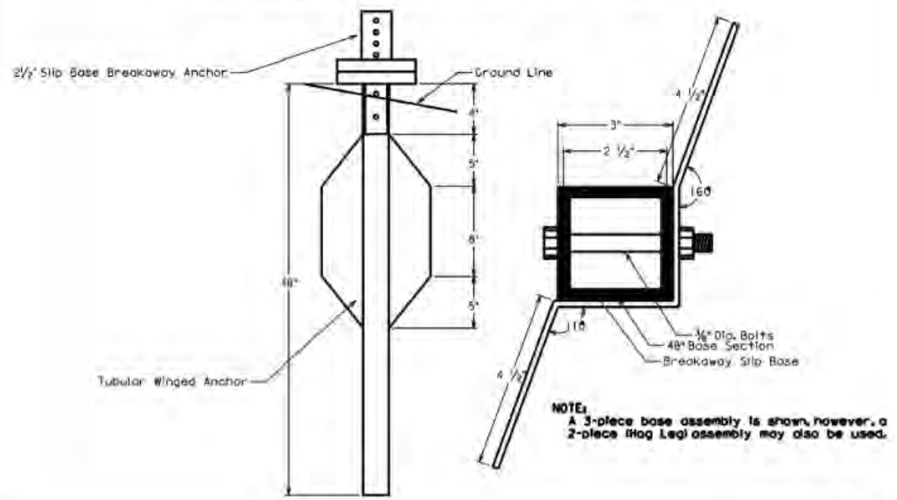
SIGN BASE DETAILS FOR A 2" SIGN POST



NOTE:
Corner bolt shown is for attaching sign post to base. The MPJ will 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 hi (distance between breakaway plane and top of MPJ) will not be less than 9" and will overlap the collar section such that at least 1 3/8" straight bolt will be common for the base section, the collar section, and the MPJ.

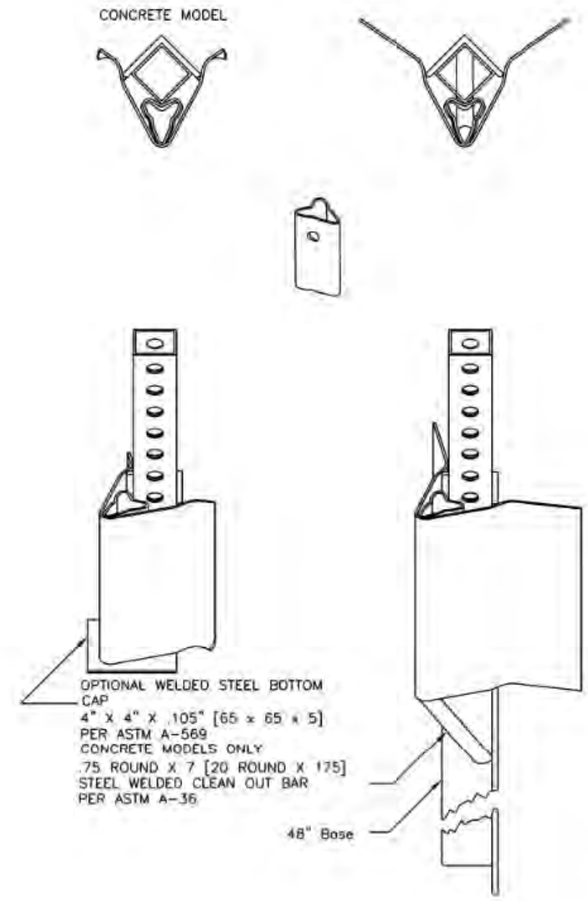
SIGN BASE DETAILS FOR A 2½" SIGN POST



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

August 25, 2021

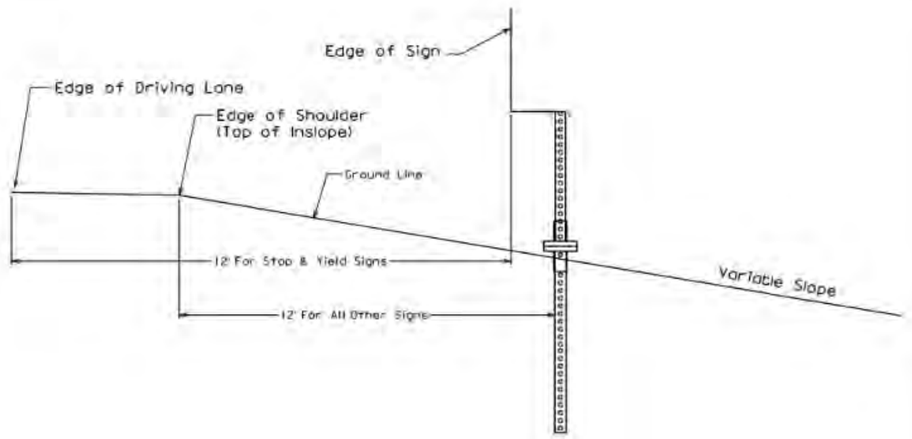
SDDOT	**TUBULAR POST BASE DETAILS (Typical Soil Installation)**	SPECIAL DETAIL L21 — Sheet 1 of 1



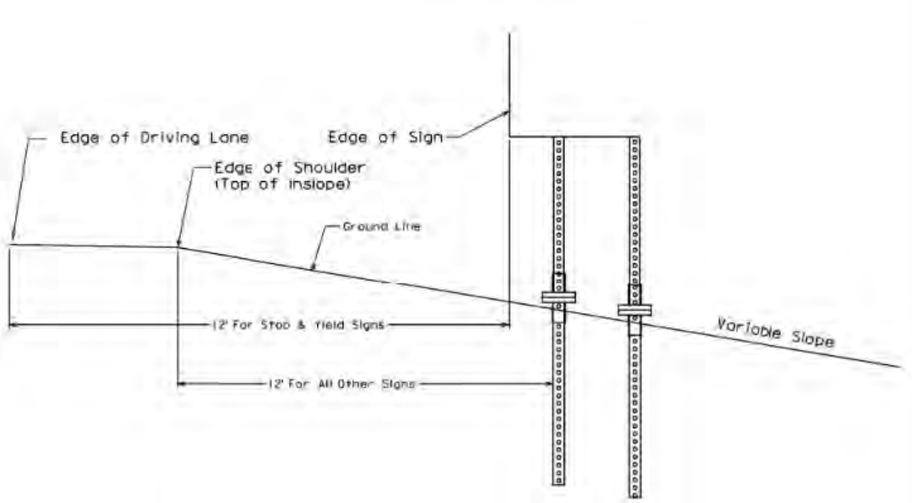
March 1, 2016

SDDOT	**TUBULAR POST BASE DETAILS (Typical Flush Mount Breakaway Installation)**	SPECIAL DETAIL L22 — Sheet 1 of 1

FOR BIDDING PURPOSES ONLY



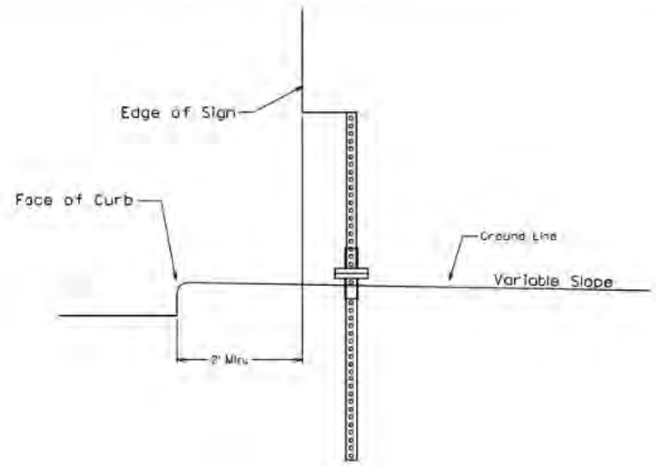
RURAL LOCATION WITH 1 POST
(Drawing shown from face of sign)



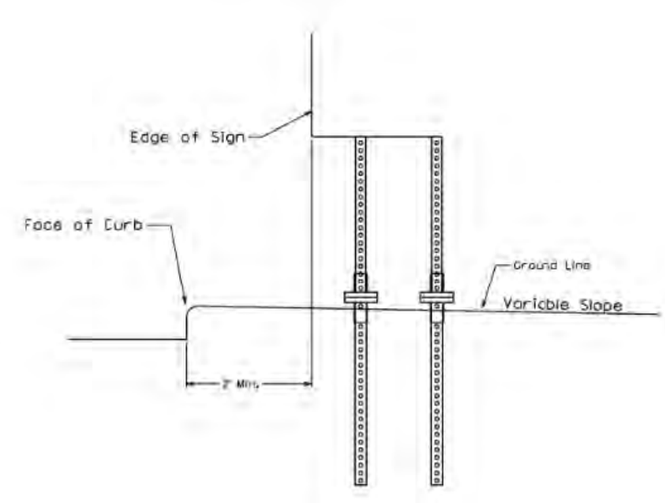
RURAL LOCATION WITH 2 POSTS
(Drawing shown from face of sign)

June 10, 2013

	SDDOT	LATERAL OFFSET (Typical Rural Sign Installations)	SPECIAL DETAIL L23
			Sheet 1 of 1



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



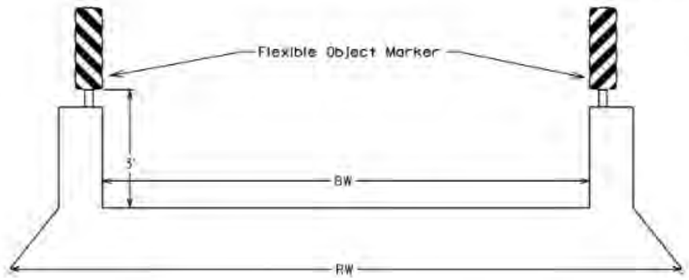
URBAN LOCATION WITH 2 POSTS
(Drawing shown from face of sign)

July 24, 2012

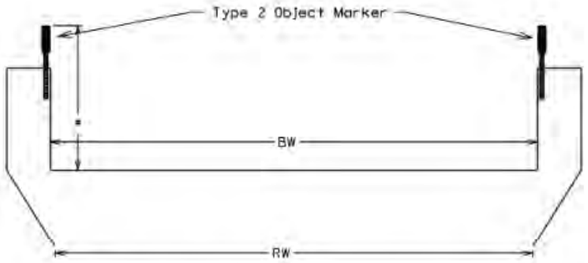
	SDDOT	LATERAL OFFSET (Typical Urban Sign Installations)	SPECIAL DETAIL L24
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY

BW = Bridge Width
RW = Road Width
(Includes Shoulders)



RW > BW and No Guardrail Present**



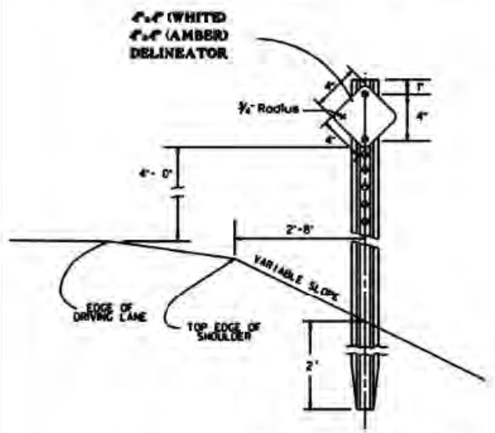
RW < or = BW and No Guardrail Present**
If BW = or < 40', then * = 3'
If BW > 40', then * = 4'

** If Guardrail is present, refer to Standard Plates 632.40 for installation of Type 2 Object Markers

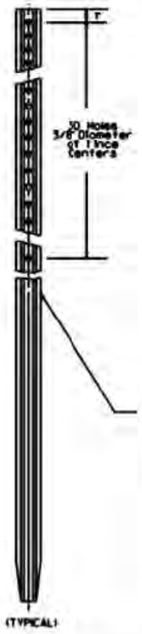
July 24, 2012

	SDDOT	TYPE 2 & 3 OBJECT MARKERS (Typical Installation Details)	SPECIAL DETAIL L25
			Sheet 1 of 1

4"x4" DELINEATORS
with Type XI reflective sheeting



Mounting Holes in all Delineators to be ⅜" diameter



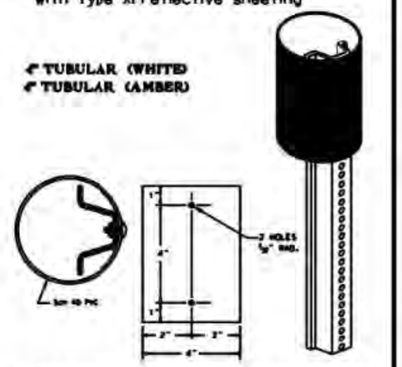
U2 lb./ft. flanged channel post painted green(delineator post)





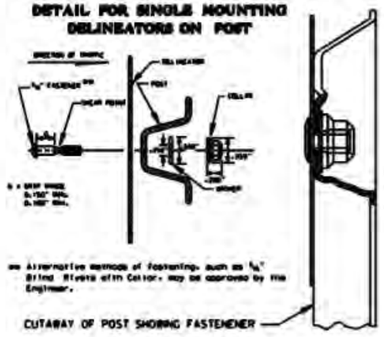
4" TUBULAR DELINEATORS
with Type XI reflective sheeting

4" TUBULAR (WHITE)
4" TUBULAR (AMBER)



Detail shown represents delineator on its own post. When mounted on a sign assembly, the signpost will run through the delineator and top of delineator will be mounted at 4' elevation above the edge of driving lane.

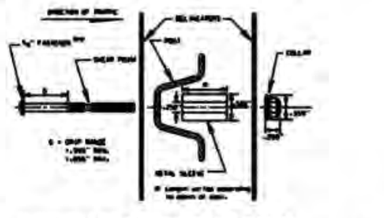
DETAIL FOR SINGLE MOUNTING DELINEATORS ON POST



** Alternative methods of fastening, such as ¼" Blind Rivets with Collar, may be approved by the Engineer.

CUTAWAY OF POST SHOWING FASTENER

DETAIL FOR MOUNTING 4"x4" DELINEATORS BACK TO BACK ON POST



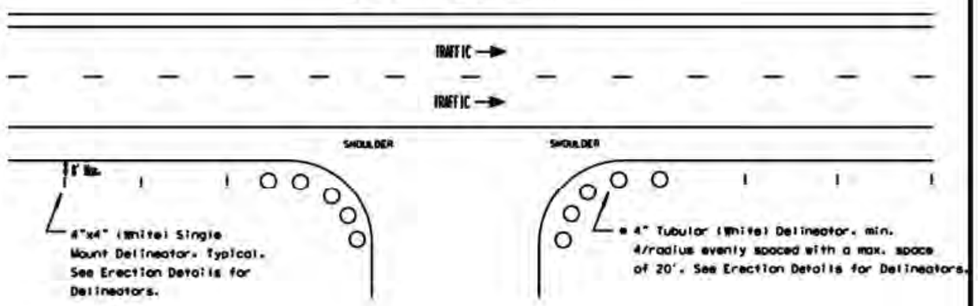
** Alternative methods of fastening, such as ¼"- ¼" Satin Rivets, may be approved by the Engineer.

August 25, 2021

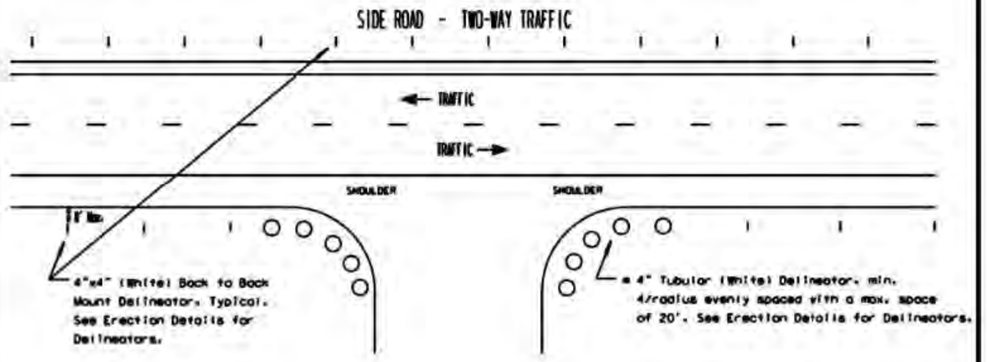
	SDDOT	DELINEATORS (Typical Placement and Mounting Details)	SPECIAL DETAIL L30
			Sheet 1 of 2

FOR BIDDING PURPOSES ONLY

SIDE ROAD - ONE-WAY TRAFFIC



SIDE ROAD - TWO-WAY TRAFFIC



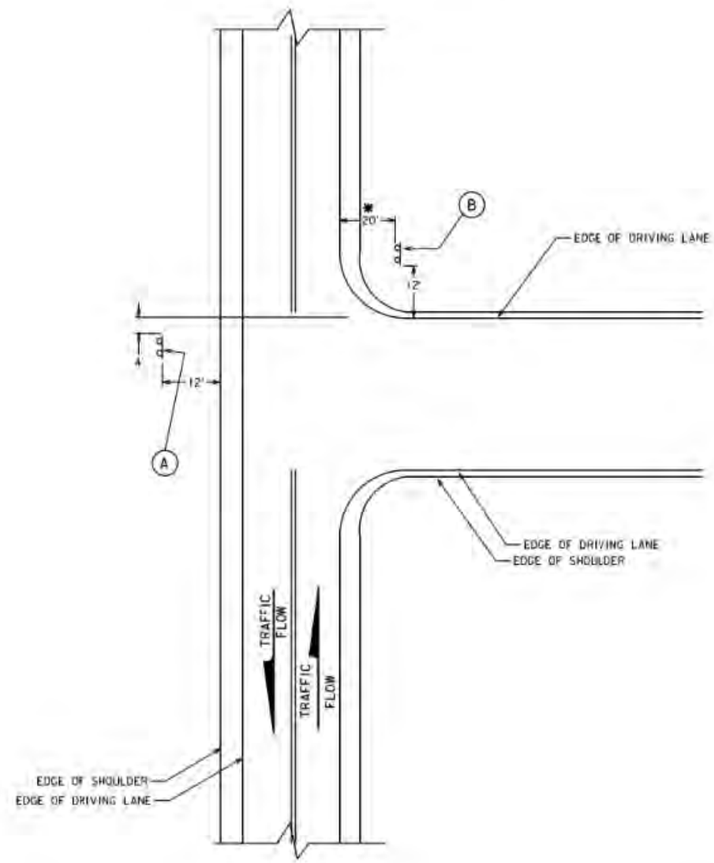
* 4" Tubular (White) Delineator installed as shown only on intersections with radius or a combination radius greater than 75' and also has stop/yield control. At all other intersections with stop/yield control, one 4" tubular delineator will be installed on each stop/yield sign assembly and large arrow (Tee-intersections).

August 25,2021

	SDDOT	DELINEATORS (Typical Placement and Mounting Details)	SPECIAL DETAIL L30
			Sheet 2 of 2



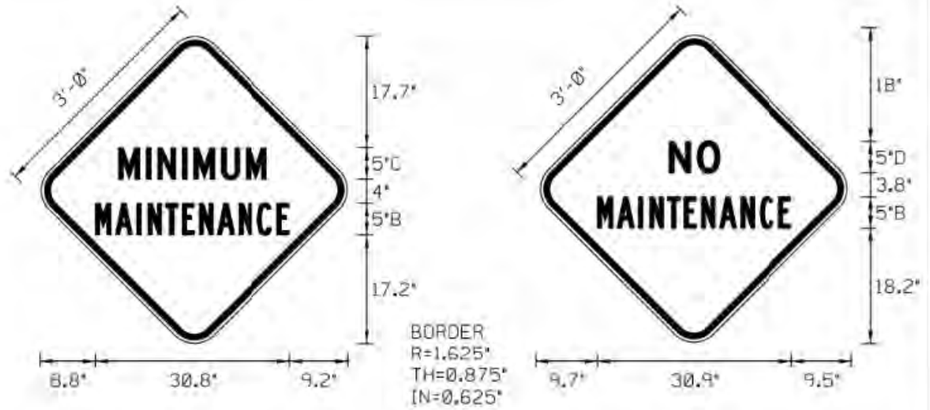
* Variable distance based on radius (max. 50').



June 10,2013

	SDDOT	TYPICAL SIGN LAYOUT FOR ROADWAYS WITH UNIMPROVED SIDEROAD	SPECIAL DETAIL L42
			Sheet 1 of 1

FOR BIDDING PURPOSES ONLY



Legend and border will be black vinyl non-reflective material on fluorescent yellow Type XI background conforming to ASTM D4956.

The W70-3 will be installed at each location where a W70-1 is installed and a W70-4 will be installed at each location where a W70-2 is installed.

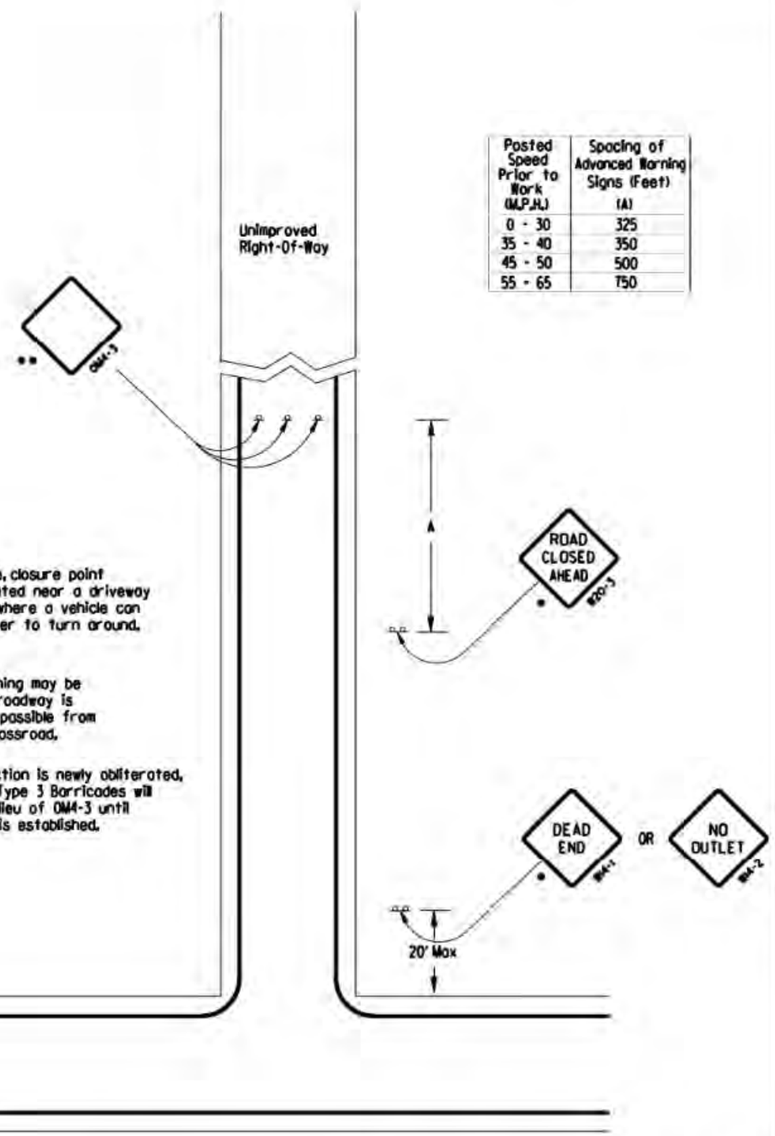
December 6, 2023

SDDOT

SIGN DETAIL FOR MINIMUM & NO MAINTENANCE ROADS

SPECIAL DETAIL L50

Sheet 1 of 1



Posted Speed Prior to Work (M.P.H.)	Spacing of Advanced Warning Signs (Feet) (A)
0 - 30	325
35 - 40	350
45 - 50	500
55 - 65	750

August 25, 2021

SDDOT

GUIDES FOR TRAFFIC CONTROL DEVICES
ROAD CLOSED
OBLITERATED OR UNIMPROVED ROADWAY

SPECIAL DETAIL L71

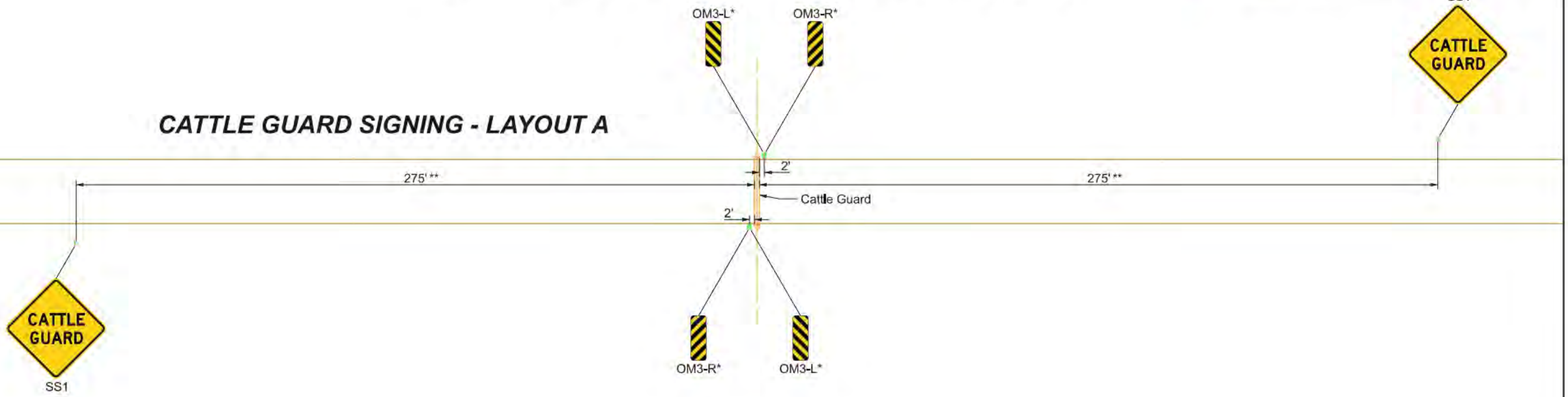
Sheet 1 of 1

CATTLE GUARD SIGNING LAYOUTS

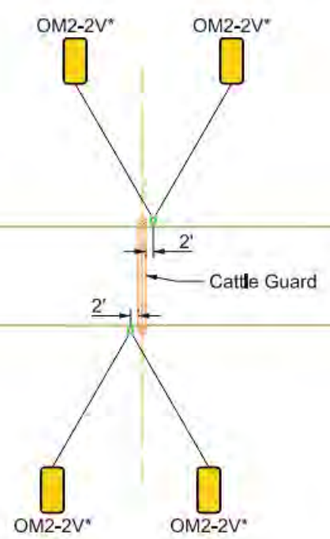
FOR BIDDING PURPOSES ONLY

KLJ	SD DOT	PROJECT	SHEET	TOTAL SHEETS
		PH 8057(04)	39	168

CATTLE GUARD SIGNING - LAYOUT A



CATTLE GUARD SIGNING - LAYOUT B



Notes:

* Object markers are mounted on a single post back-to-back. Sign posts shall be adequate in length to ensure object markers are visible to traffic from both directions. No portion of an object marker shall be obstructed in view by fencing or cattle guard wings. The edge of the object marker that is closest to the road user should be installed in line with the closest edge of the obstruction.

Type 3 object markers will be paid for at the contract unit price per each for Type 3 Flexible Object Marker Back to Back.

Type 2 object markers will be paid for at the contract unit price per each for Type 2 Object Marker Back to Back.

** If conditions prevent a sign spacing of 275', the spacing may be adjusted by 50' in either direction.

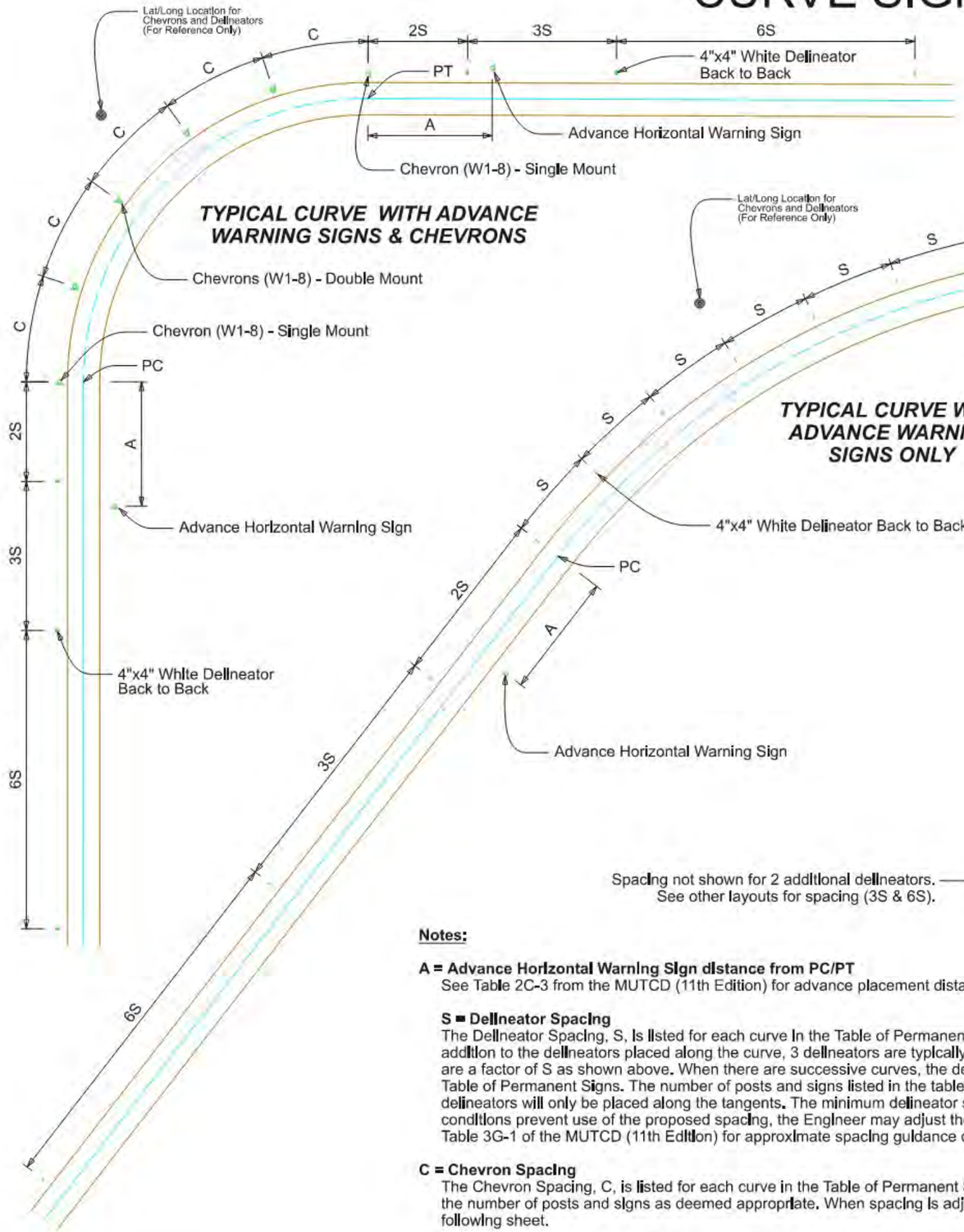
PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
7/9/2026
SOUTH DAKOTA

CURVE SIGNING LAYOUTS

FOR BIDDING PURPOSES ONLY

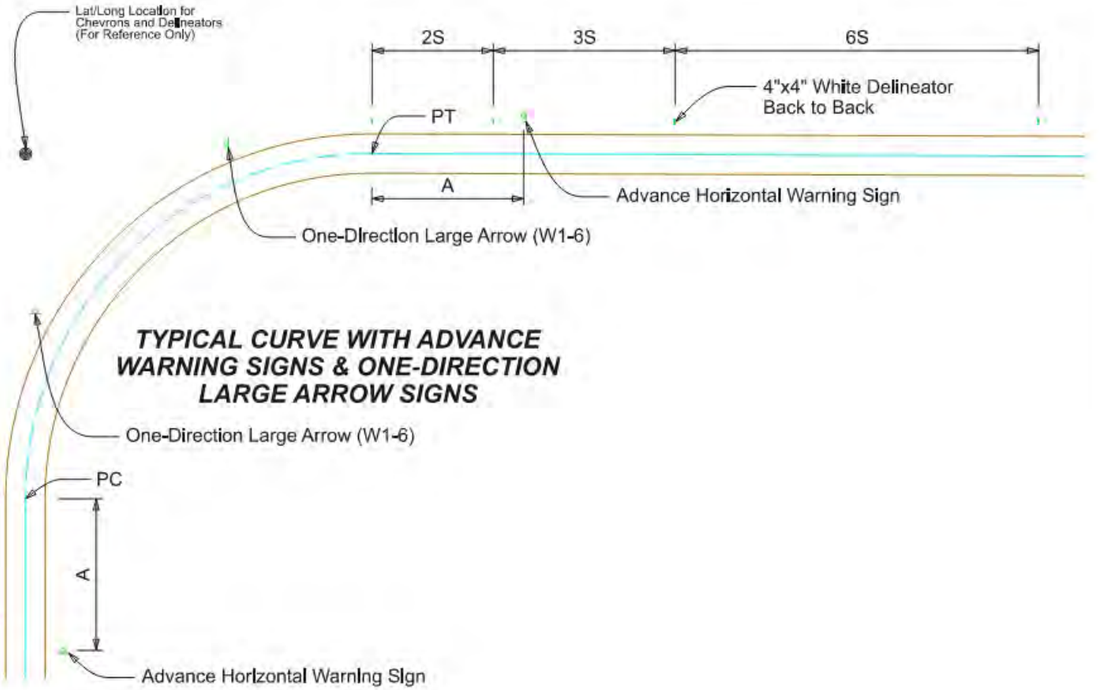
KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	40	168



TYPICAL CURVE WITH ADVANCE WARNING SIGNS & CHEVRONS

TYPICAL CURVE WITH ADVANCE WARNING SIGNS ONLY



TYPICAL CURVE WITH ADVANCE WARNING SIGNS & ONE-DIRECTION LARGE ARROW SIGNS

Notes:

A = Advance Horizontal Warning Sign distance from PC/PT
See Table 2C-3 from the MUTCD (11th Edition) for advance placement distances on the following sheet.

S = Delineator Spacing
The Delineator Spacing, S, is listed for each curve in the Table of Permanent Signs. If only 2 delineators are placed along the curve, the posts shall be located at the PC and PT. In addition to the delineators placed along the curve, 3 delineators are typically placed along both tangents approaching the curve. The spacing for the 3 delineators along the tangents are a factor of S as shown above. When there are successive curves, the delineators along one or both tangents may be omitted and will be noted in the remarks column of the Table of Permanent Signs. The number of posts and signs listed in the table includes both the delineators along the curve and the tangents (if applicable). When Chevrons are used, delineators will only be placed along the tangents. The minimum delineator spacing along curves and tangents shall be 20 feet and the maximum spacing shall be 300 feet. If field conditions prevent use of the proposed spacing, the Engineer may adjust the spacing and the number of delineators as deemed appropriate. When spacing is adjusted, refer to Table 3G-1 of the MUTCD (11th Edition) for approximate spacing guidance on the following sheet.

C = Chevron Spacing
The Chevron Spacing, C, is listed for each curve in the Table of Permanent Signs. If field conditions prevent use of the proposed spacing, the Engineer may adjust the spacing and the number of posts and signs as deemed appropriate. When spacing is adjusted, refer to Table 2C-5 of the MUTCD (11th Edition) for approximate spacing guidance on the following sheet.

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Plotted From: IssueSet1 File: ...\Revised_Curve_Signing.dgn

SIGN PLACEMENT TABLES

FOR BIDDING PURPOSES ONLY

Table 2C-3. Guidelines for Advance Placement of Warning Signs

Posted or 85th-Percentile Speed	Advance Placement Distance[1]									
	Condition A: Speed reduction and lane changing in heavy traffic[2]	Condition B: Deceleration to the listed advisory speed (mph) for the condition								
		0[3]	10[4]	20[4]	30[4]	40[4]	50[4]	60[4]	70[4]	80[4]
20 mph	225 ft	115 ft	N/A[5]	–	–	–	–	–	–	–
25 mph	325 ft	155 ft	N/A[5]	N/A[5]	–	–	–	–	–	–
30 mph	460 ft	200 ft	N/A[5]	N/A[5]	–	–	–	–	–	–
35 mph	565 ft	250 ft	N/A[5]	N/A[5]	N/A[5]	–	–	–	–	–
40 mph	670 ft	305 ft	100 ft[6]	100 ft[6]	N/A[5]	–	–	–	–	–
45 mph	775 ft	360 ft	125 ft	100 ft[6]	100 ft[6]	N/A[5]	–	–	–	–
50 mph	885 ft	425 ft	200 ft	175 ft	125 ft	100 ft[6]	–	–	–	–
55 mph	990 ft	495 ft	275 ft	225 ft	200 ft	125 ft	N/A[5]	–	–	–
60 mph	1,100 ft	570 ft	350 ft	325 ft	275 ft	200 ft	100 ft[6]	–	–	–
65 mph	1,200 ft	645 ft	450 ft	400 ft	350 ft	275 ft	200 ft	100 ft[6]	–	–
70 mph	1,250 ft	730 ft	525 ft	500 ft	450 ft	375 ft	275 ft	150 ft	–	–
75 mph	1,350 ft	820 ft	625 ft	600 ft	550 ft	475 ft	375 ft	250 ft	100 ft[6]	–
80 mph	1,475 ft	910 ft	725 ft	700 ft	625 ft	550 ft	450 ft	350 ft	200 ft	–
85 mph	1,600 ft	1,010 ft	825 ft	800 ft	750 ft	675 ft	575 ft	450 ft	300 ft	150 ft

Rev. 1

[1] The distances are adjusted for a sign legibility distance of 180 feet for Condition A. The distances for Condition B (with the exception of the potential stop condition) have been adjusted for a sign legibility distance of 250 feet, which is appropriate for an alignment warning symbol sign. For Conditions A and B, warning signs with less than 6-inch legend or more than four words, a minimum of 100 feet should be added to the advance placement distance to provide adequate legibility of the warning sign.

Rev. 1

[2] Typical conditions are locations where the road user must use extra time to adjust speed and change lanes in heavy traffic because of a complex driving situation. Typical signs are Merge and Lane Ends. The distances are determined by providing the driver a PRT of 14.0 to 14.5 seconds for vehicle maneuvers (2018 AASHTO Policy, Table 3-3, Decision Sight Distance, Avoidance Maneuver E) and adjusted for a legibility distance of 180 feet for the appropriate sign.

[3] Typical condition is the warning of a potential stop situation. Typical signs are Stop Ahead, Yield Ahead, Signal Ahead, and Intersection Warning signs. The distances are based on the 2018 AASHTO Policy, Table 3-1, Stopping Sight Distance, providing a PRT of 2.5 seconds, a deceleration rate of 11.2 feet/second^2.

[4] Typical conditions are locations where the road user must decrease speed to maneuver through the warned condition. Typical signs are Turn, Curve, Reverse Turn, or Reverse Curve. The distance is determined by providing a 2.5 second PRT, a vehicle deceleration rate of 10 feet/second^2, and adjusted for a sign legibility distance of 250 feet.

[5] No suggested distances are provided for these speeds, as the placement location is dependent on site conditions and other signing. An alignment warning sign may be placed anywhere from the point of curvature up to 100 feet in advance of the curve. However, the alignment warning sign should be installed in advance of the curve and at least 100 feet from any other signs.

[6] The minimum advance placement distance is listed as 100 feet to provide adequate spacing between signs.

Note: Warning signs that advise road users about conditions that are not related to a specific location, such as Deer Crossing or SOFT SHOULDER, can be installed in an appropriate location, based on engineering judgment.

Table 3G-1. Approximate Spacing for Delineators on Horizontal Curves

Radius (R) of Curve	Approximate Spacing (S) on Curve
50 feet	20 feet
115 feet	25 feet
180 feet	35 feet
250 feet	40 feet
300 feet	50 feet
400 feet	55 feet
500 feet	65 feet
600 feet	70 feet
700 feet	75 feet
800 feet	80 feet
900 feet	85 feet
1,000 feet	90 feet

Notes: 1. Spacing for specific radii may be interpolated from table.
2. The minimum spacing should be 20 feet.
3. The spacing on curves should not exceed 300 feet.
4. In advance of or beyond a curve, and proceeding away from the end of the curve, the spacing of the first delineator is 2S, the second 3S, and the third 6S, but not to exceed 300 feet.
5. S refers to the delineator spacing for specific radii computed from the formula $S=3\sqrt{R-50}$.
6. The distances for S shown in the table above were rounded to the nearest 5 feet.

Table 2C-5. Typical Spacing of Chevron Alignment Signs on Horizontal Curves

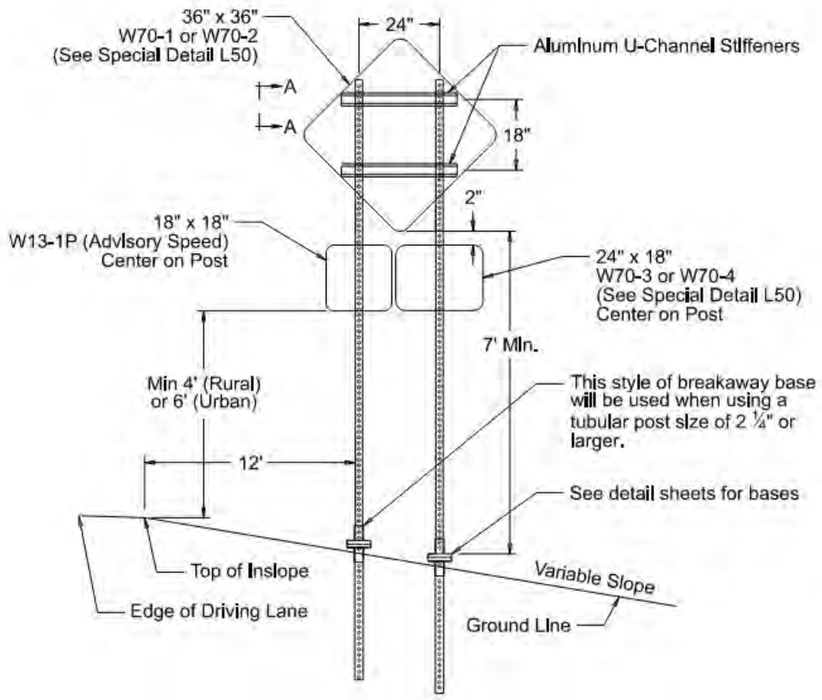
Advisory Speed	Curve Radius	Sign Spacing
15 mph or less	Less than 200 feet	40 feet
20 to 30 mph	200 to 400 feet	80 feet
35 to 45 mph	401 to 700 feet	120 feet
50 to 60 mph	701 to 1,250 feet	160 feet
More than 60 mph	More than 1,250 feet	200 feet

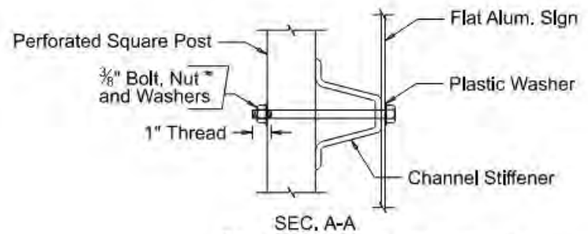
Note: The relationship between the curve radius and the advisory speed shown in this table should not be used to determine the advisory speed.

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MINIMUM OR NO MAINTENANCE SIGNAGE WITH ADVISORY SPEED PLAQUE





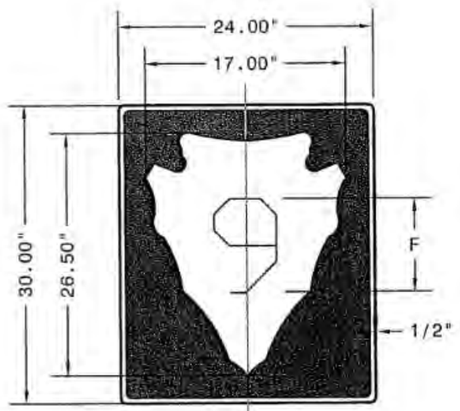
SEC. A-A

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

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BIA ROUTE MARKERS

FOR BIDDING PURPOSES ONLY



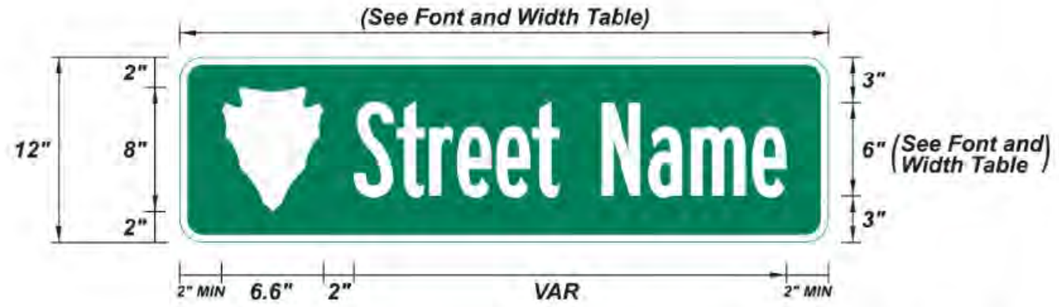
BIA RT. MARKER

	DIMENSION IN INCHES					DISTANCE OF "F" - NUMERALS (IN INCHES)				
	A	B	C	D	E	DIGITS IN ROUTE NUMBERS	1	2	3	4
MIN.	24"	18"	0.50"	20.50"	13.50"	SIZE AND SERIES	6"E	6"D	6"C	5"B
STD.	30"	24"	0.50"	26.50"	17.50"	SIZE AND SERIES	7"E	7"D	7"C	6"B

BLUE/GREEN INK COLOR TRANS-REV BACKGROUND AROUND A WHITE/SILVER ARROWHEAD SYMBOL WITH A ½" WHITE/SILVER MARGIN AROUND COMPLETE SIGN. NUMERALS WITHIN THE ARROWHEAD SYMBOL ARE BLACK, WITH SIZE AND SERIES INDICATED ABOVE.

Note:

BIA Route Marker signs use the code "BIA Rt." in the Table Of Permanent Signing



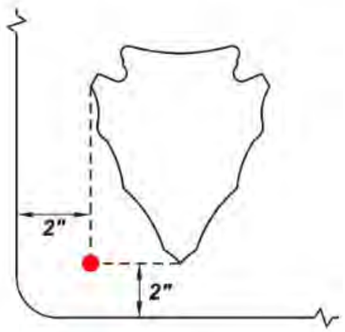
SIGN CODE	D3-1a
WIDTH X HEIGHT	*Varying Width x 12"*
BORDER WIDTH	0.5" (inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	**TYPE:** IV Reflective
	COLOR: Green
LEGEND/BORDER	**TYPE:** IV Reflective
	COLOR: White

Note:

The unit for all Dimensions shown is Inches.

Font and Width Table

# of Characters (Spaces Included)	Font	Panel Width
4	D	36
5	D	36
6	D	42
7	D	48
8	D	54
9	C	54
10	B	48
11	B	54
12	B	54





SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	44	168

SIGN NUMBER	SS1
WIDTH X HEIGHT	30" x 30"
BORDER WIDTH	0.8" (Inset 0.5")
CORNER RADIUS	1.8"
MOUNTING	Ground
BACKGROUND	TYPE: XI Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Non Reflective
	COLOR: Black

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

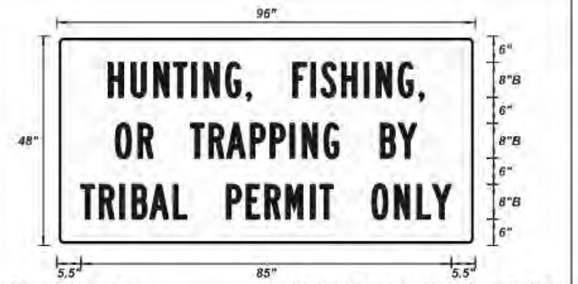
Letter locations are panel edge to lower left corner

PANEL STOCK: weldment

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	A	T	T	L	E																	22.8"	5"	D 2000
8.8"	12.9"	17.4"	20.8"	24.7"	28.5"																			
G	U	A	R	D																		21.3"	5"	D 2000
9.6"	14.1"	18.2"	23.2"	27.5"																				

SIGN NUMBER	SS2
WIDTH X HEIGHT	96" x 48"
BORDER WIDTH	0.6" (inset 0.4")
CORNER RADIUS	1.1"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: White
LEGEND/BORDER	TYPE: Non Reflective
	COLOR: Black

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

PANEL STOCK: aluminum

LETTER POSITION (X)																																		LENGTH	SIZE	SERIES
H	U	N	T	I	N	G	,		F	I	S	H	I	N	G	,																		72.4"	8"	B 2000
11.8"	17"	22.2"	26.8"	31"	33.7"	38.7"	43.4"	45.2"	54.1"	58.3"	60.6"	65.3"	70.5"	73.3"	78.3"	83"																				
O	R		T	R	A	P	P	I	N	G		B	Y																					69.2"	8"	B 2000
13.4"	18.6"	22.4"	30.7"	34.8"	39"	44.4"	49"	53.5"	56.3"	61.2"	65.3"	74.2"	78.3"																							
T	R	I	B	A	L		P	E	R	M	I	T		O	N	L	Y																	85"	8"	B 2000
5.5"	9.7"	14.4"	17.2"	21.3"	26.7"	30"	38.9"	43.4"	47.8"	52.5"	58.2"	60.3"	63.6"	72.2"	77.4"	82.6"	86.2"																			

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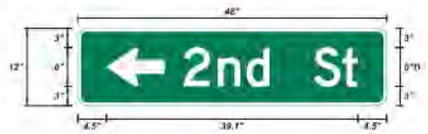
SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ	SD DOT	PROJECT	SHEET	TOTAL SHEETS
		PH 8057(04)	45	168

SIGN NUMBER	SS3.1 (D3-1L)
WIDTH X HEIGHT	48" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.5"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
2	n	d		S	t																	27.1"	6"/4.5"	D 2000
16.5"	21.8"	26.2"	30.4"	36.7"	41.1"																			

SIGN NUMBER	SS3.2 (D3-1L)
WIDTH X HEIGHT	48" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	6"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
4	t	h		S	t																	24.1"	6"/4.5"	D 2000
18"	23.2"	26.3"	30.4"	35.2"	39.6"																			

SIGN NUMBER	SS3.3 (D3-1L)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.6"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
A	p	p	l	e		L	n															32.9"	6"/4.5"	D 2000
16.6"	22.3"	26.7"	31"	32.7"	36.5"	41.6"	45.9"																	

SIGN NUMBER	SS3.4 (D3-1L)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	5.8"	7.5"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
B	e	a	r																			15.7"	6"/4.5"	D 2000
25.5"	30.2"	34.3"	38.9"																					
W	e	s	t		R	d																29"	6"/4.5"	D 2000
19.3"	25.1"	29.2"	32.2"	34.7"	39.9"	44.6"																		

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SPECIAL SIGN DETAILS

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SIGN NUMBER	SS3.5 (D3-1L)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	5.3"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	e	d	a	r		S	t															31.4"	6"/4.5"	D 2000
17.3"	22.1"	26.2"	30.5"	34.8"	37.2"	42"	46.3"																	

SIGN NUMBER	SS3.6 (D3-1L)
WIDTH X HEIGHT	48" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.9"	7.5"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	o	u	n	t	y																	24.8"	6"/4.5"	D 2000
18.4"	23.2"	27.6"	32.1"	36.1"	38.6"																			
R	d		8																			19.6"	6"/4.5"	D 2000
21"	25.7"	29.9"	36.5"																					

SIGN NUMBER	SS3.7 (D3-1L)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	6"	7.5"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
E	a	g	l	e																		12.7"	6"/4.5"	B 2000
27.4"	30.2"	33.1"	36.3"	37.9"																				
F	o	a	t	h	e	r		S	t													28.7"	6"/4.5"	B 2000
19.4"	22.2"	24.7"	27.4"	29.7"	32.5"	35.4"	37.1"	43.4"	46.3"															

SIGN NUMBER	SS3.8 (D3-1L)
WIDTH X HEIGHT	64" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	5.2"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
E	a	g	l	e		N	e	s	t		R	d										41.5"	6"/4.5"	B 2000
17.2"	20"	23"	26.1"	27.7"	30.1"	36.7"	40.3"	42.9"	44.9"	46.7"	53.4"	56.5"												

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SPECIAL SIGN DETAILS

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	47	168

SIGN NUMBER	SS3.9 (D3-1L)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.8"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
G	r	e	y	h	o	r	s	e	S	t										32.4"	6"/4.5"	B 2000
16.8"	20.3"	22.3"	24.8"	28.2"	31.1"	34.1"	36"	38.3"	44.5"	47.4"												

SIGN NUMBER	SS3.10 (D3-1L)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.5"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
R	e	d	t	a	l	l		L	n											33.1"	6"/4.5"	C 2000
16.5"	20.5"	24.2"	27.9"	30.3"	34.2"	36.1"	37.5"	42.7"	46.5"													

SIGN NUMBER	SS3.11 (D3-1L)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	6.1"	3"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
R	o	u	t	e		9	3													29.8"	6"/4.5"	C 2000
18.1"	22.2"	26.1"	29.7"	32.3"	35.6"	40.5"	44.5"															

SIGN NUMBER	SS4.1 (D3-1a)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	5.4"	3"	6"	9"	90°
BIA	42"	2"	6.6"	8"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
B	I	A		2	4															22.6"	6"	C 2000
17.4"	21.8"	23.5"	27.5"	32.4"	36.3"																	

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BERG
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SOUTH DAKOTA

SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 48 | TOTAL SHEETS: 168

SIGN NUMBER	SS4.2 (D3-1a)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	4.7"	3"	6"	9"	90°
BIA	43.3"	2"	6.6"	8"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
B	I	A		3	1																			24.6"	6"	D 2000
16.7"	21.8"	23.7"	29"	34.6"	39.8"																					

SIGN NUMBER	SS4.4 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	49.2"	15.5"	3.3"	4"	
AR_Type D	3.9"	7.5"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
M	o	c	c	a	s	i	n																	27.5"	6"/4.5"	C 2000
17.5"	22.5"	26.3"	29.8"	33.2"	36.8"	40.1"	42"																			
P	a	r	k		R	d																		27.8"	6"/4.5"	C 2000
17.4"	21.5"	25.4"	28.1"	31.4"	38"	42.1"																				

SIGN NUMBER	SS4.3 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	49.2"	15.5"	3.3"	4"	
AR_Type D	4.8"	7.5"	6"	9"	90°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
K	I	z	a																					13.7"	6"/4.5"	D 2000
26.9"	32"	33.7"	37.2"																							
P	a	r	k		L	n																		30.8"	6"/4.5"	D 2000
18.3"	22.9"	27.4"	30.4"	34.4"	41.1"	45.6"																				

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SPECIAL SIGN DETAILS

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SIGN NUMBER	SS5.1 (D3-1R)
WIDTH X HEIGHT	42" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	28.6"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)							LENGTH	SIZE	SERIES
1	s	t		S	t				
4.4"	7"	10"	12.4"	18.7"	23.2"		21.1"	6"/4.5"	D 2000

SIGN NUMBER	SS5.2 (D3-1R)
WIDTH X HEIGHT	48" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	34.5"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
2	n	d		S	t																			
4.5"	9.8"	14.2"	18.4"	24.7"	29.1"																	27.1"	6"/4.5"	D 2000

SIGN NUMBER	SS5.3 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	40.4"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)								LENGTH	SIZE	SERIES
A	p	p	l	e		L	n			
4.6"	10.3"	14.7"	19"	20.7"	24.5"	29.6"	34"	32.9"	6"/4.5"	D 2000

SIGN NUMBER	SS5.4 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39.7"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	e	d	a	r		S	t																	
5.3"	10.1"	14.2"	18.5"	22.8"	25.2"	30"	34.3"															31.4"	6"/4.5"	D 2000

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SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 50 | TOTAL SHEETS: 168

SIGN NUMBER	SS5.5 (D3-1R)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39.1"	7.5"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
E	a	g	l	e																12.7"	6"/4.5"	B 2000
14"	16.7"	19.6"	22.8"	24.4"																		
F	e	a	t	h	e	r		S	t											28.7"	6"/4.5"	B 2000
6"	8.7"	11.3"	13.9"	16.2"	19.1"	22"	23.6"	30"	32.8"													

SIGN NUMBER	SS5.6 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	40.2"	3"	6"	9"	270°



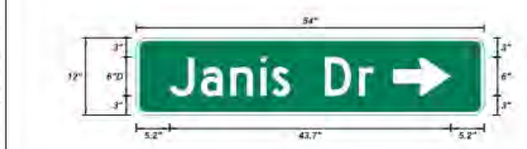
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
G	r	e	y	h	o	r	s	e	S	t										32.4"	6"/4.5"	B 2000
4.8"	8.4"	10.3"	12.9"	16.2"	19.1"	22.1"	24"	26.3"	32.5"	35.4"												

SIGN NUMBER	SS5.7 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39.8"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
J	a	n	i	s		D	r													31.7"	6"/4.5"	D 2000
5.2"	10"	14.6"	19.3"	21.1"	24.1"	29.3"	34.6"															

SIGN NUMBER	SS5.8 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	38.3"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
P	l	k	e		R	d														28.7"	6"/4.5"	D 2000
6.7"	11.5"	13.7"	18"	21.8"	27"	31.7"																

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SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	51	168

SIGN NUMBER	SS5.9 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	40.5"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)											LENGTH	SIZE	SERIES
R	e	d	t	a	l	l		L	n				
4.5"	8.6"	12.2"	15.9"	18.3"	22.2"	24.2"	25.5"	30.7"	34.5"		33.1"	6"/4.5"	C 2000

SIGN NUMBER	SS5.10 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)											LENGTH	SIZE	SERIES
R	o	u	t	e		8	5						
6.1"	10.2"	14.1"	17.7"	20.3"	23.6"	28.5"	32.6"				29.8"	6"/4.5"	C 2000

SIGN NUMBER	SS5.11 (D3-1R)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)									LENGTH	SIZE	SERIES
R	o	u	t	e		9	3				
6.1"	10.2"	14.1"	17.7"	20.3"	23.6"	28.5"	32.6"		29.8"	6"/4.5"	C 2000

SIGN NUMBER	SS5.12 (D3-1R)
WIDTH X HEIGHT	60" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	46.3"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)											LENGTH	SIZE	SERIES
S	I	o	u	x		A	v	e					
4.7"	9.7"	11.6"	16.1"	20.3"	25"	29.6"	35"	39.8"			38.6"	6"/4.5"	D 2000

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SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 52 | TOTAL SHEETS: 168

SIGN NUMBER	SS6.1 (D3-1a)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	39.6"	3"	6"	9"	270°
BIA	5.4"	2"	6.6"	8"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)

B	I	A		2	4	LENGTH	SIZE	SERIES
14"	18.4"	20.1"	24.1"	29"	32.8"	22.6"	6"	C 2000

SIGN NUMBER	SS6.2 (D3-1a)
WIDTH X HEIGHT	54" x 12"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	4.4"	2"	6.6"	8"	270°
AR_Type D	40.6"	3"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)

B	I	A		3	1	LENGTH	SIZE	SERIES
13"	18.1"	20"	25.2"	30.8"	36.1"	24.6"	6"	D 2000

SIGN NUMBER	SS6.3 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	1.5"	15.5"	3.3"	4"	
AR_Type D	40.2"	7.5"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)

K	i	z	a																	LENGTH	SIZE	SERIES
13.4"	18.5"	20.2"	23.7"																	13.7"	6"/4.5"	D 2000
P	a	r	k		L	n														LENGTH	SIZE	SERIES
4.8"	9.4"	14"	17"	21"	27.6"	32.1"														30.8"	6"/4.5"	D 2000

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SIGN NUMBER	SS7.1 (D3-1)
WIDTH X HEIGHT	48" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
B	u	f	f	a	l	o																21.2"	6"/4.5"	C 2000
13.4"	17.6"	21.5"	23.7"	25.9"	29.8"	31.5"																		
P	a	s	t	u	r	e		R	d													37"	6"/4.5"	C 2000
5.6"	9.7"	13.3"	16.1"	18.8"	22.9"	25.4"	28.7"	35.3"	39.4"															

SIGN NUMBER	SS7.2 (D3-1)
WIDTH X HEIGHT	48" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	l	u	s	t	e	r																21.3"	6"/4.5"	C 2000
13.4"	17.8"	19.7"	23.5"	26.3"	28.8"	32.7"																		
H	o	u	s	l	n	g		D	r													37.9"	6"/4.5"	C 2000
5.1"	9.5"	13.4"	17.2"	20.4"	22.4"	26.3"	29.9"	36.5"	41"															

SIGN NUMBER	SS7.3 (D3-1)
WIDTH X HEIGHT	36" x 18"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	l	u	s	t	e	r																14.2"	4"/3"	C 2000
11"	13.9"	15.1"	17.7"	19.5"	21.2"	23.8"																		
H	o	u	s	l	n	g		D	r													25.2"	4"/3"	C 2000
5.4"	8.3"	11"	13.5"	15.6"	17"	19.5"	22"	26.3"	29.3"															

SIGN NUMBER	SS7.4 (D3-1)
WIDTH X HEIGHT	42" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
C	r	a	z	y		H	o	r	s	e												32.1"	6"/4.5"	B 2000
5"	8.3"	10.1"	12.8"	15.2"	18.1"	24.6"	28"	30.8"	32.6"	34.8"														
S	c	h	o	o	l		D	r														27.7"	6"/4.5"	B 2000
7.1"	10.3"	13.1"	16"	18.8"	21.8"	23.1"	29.8"	33.3"																



FOR BIDDING PURPOSES ONLY

SIGN NUMBER	SS7.5 (D3-1)
WIDTH X HEIGHT	42" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
T	e	r	r	y	l		M	.												30.5"	6"/4.5"	C 2000
5.7"	9.3"	13.2"	15.8"	18"	22.4"	23.8"	30.4"	35.3"														
B	l	u	e		S	t														25.7"	6"/4.5"	C 2000
8.2"	12.4"	14.3"	18.2"	21.5"	28"	31.7"																

SIGN NUMBER	SS8.2 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	4.5"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
F	i	r	e																	8.9"	6"/4.5"	B 2000
29.2"	32.2"	34"	35.9"																			
T	h	u	n	d	e	r		R	d											31.6"	6"/4.5"	B 2000
18"	20.8"	23.8"	27"	29.8"	32.8"	35.7"	37.4"	44.1"	47.2"													

SIGN NUMBER	SS8.1 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	7.1"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
B	o	m	b	l	n	g														20.5"	6"/4.5"	B 2000
23.5"	26.6"	29.6"	34.1"	37.1"	38.8"	41.7"																
R	a	n	g	e		R	d													26.5"	6"/4.5"	B 2000
20.4"	23.5"	26.6"	29.5"	32.5"	34.9"	41.5"	44.7"															

SIGN NUMBER	SS8.3 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	4.6"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																				LENGTH	SIZE	SERIES
G	r	a	s	s																15.8"	6"/4.5"	C 2000
26.6"	31"	33.4"	37"	40"																		
C	r	e	e	k		R	d													31.5"	6"/4.5"	C 2000
18"	22.4"	24.8"	28.5"	32.3"	35.6"	42.3"	46.4"															

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SIGN NUMBER	SS8.4 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	6.4"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																							LENGTH	SIZE	SERIES
M	o	c	c	a	s	I	n																27.5"	6"/4.5"	C 2000
20"	24.9"	28.7"	32.2"	35.6"	39.2"	42.5"	44.4"																		
P	a	r	k		R	d																	27.8"	6"/4.5"	C 2000
19.8"	24"	27.8"	30.5"	33.8"	40.4"	44.5"																			

SIGN NUMBER	SS8.6 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	5.7"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																							LENGTH	SIZE	SERIES
T	h	r	e	e		M	i	I	e														29.3"	6"/4.5"	B 2000
19"	22"	25"	27"	29.7"	32.1"	38.8"	42.8"	44.6"	46.1"																
C	r	e	e	k		R	d																25.7"	6"/4.5"	B 2000
20.8"	24.4"	26.4"	29.1"	32"	34.5"	41.1"	44.3"																		

SIGN NUMBER	SS8.5 (D3-1a)
WIDTH X HEIGHT	54" x 21"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
BIA	5.4"	4.5"	9.9"	12"	



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																							LENGTH	SIZE	SERIES
S	n	a	k	e																			18.7"	6"/4.5"	C 2000
24.4"	28.6"	32.4"	36.3"	40"																					
B	u	f	f	a		R	d																29.8"	6"/4.5"	C 2000
18.8"	23"	26.6"	29"	31.5"	34.8"	41.5"	45.5"																		



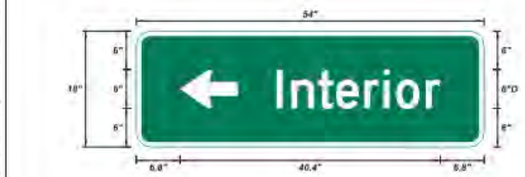
SPECIAL SIGN DETAILS

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 56 | TOTAL SHEETS: 168

SIGN NUMBER	SS9 (D1-1)
WIDTH X HEIGHT	54" x 18"
BORDER WIDTH	0.8" (Inset)
CORNER RADIUS	2.3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	6.8"	6"	6"	9"	90°



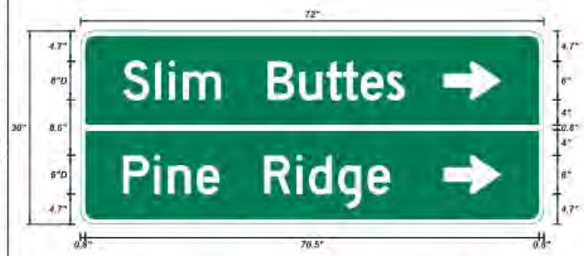
Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
I	n	t	e	r	I	o	r																	25.4"	6"/4.5"	D 2000
21.8"	24.1"	28.2"	31"	35.4"	38.4"	40.3"	45"																			

SIGN NUMBER	SS10 (D1-2)
WIDTH X HEIGHT	72" x 30"
BORDER WIDTH	0.8" (Inset)
CORNER RADIUS	2.3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE
AR_Type D	56.4"	19.3"	6"	9"	270°
AR_Type D	56.4"	4.7"	6"	9"	270°



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
S	I	l	m		B	u	t	t	o	s														43.8"	6"/4.5"	D 2000
6.6"	11.6"	13.7"	16"	22.4"	29.1"	34"	38.2"	40.7"	43.6"	47.6"																
P	I	n	e		R	I	d	g	e															41.5"	6"/4.5"	D 2000
6.6"	11.5"	13.6"	18.1"	21.8"	28.6"	33.5"	35.5"	40"	44.6"																	

SIGN NUMBER	SS11 (D2-2)
WIDTH X HEIGHT	54" x 30"
BORDER WIDTH	0.8" (Inset)
CORNER RADIUS	2.3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT	ANGLE



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																								LENGTH	SIZE	SERIES
H	i	s	l	e	8																			37.6"	6"/4.5"	D 2000
5.6"	11"	12.8"	16.4"	18.3"	39.1"																					
M	a	r	t	l	n	2	4																	42.8"	6"/4.5"	D 2000
5.6"	11.3"	15.9"	18.3"	21.4"	23.6"	39.1"	43.9"																			

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SPECIAL SIGN DETAILS

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KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 57 | TOTAL SHEETS: 168

SIGN NUMBER	SS12.1 (I2-1)
WIDTH X HEIGHT	28" x 20"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

Route: Hisle Rd



SYMBOL	X	Y	WID	HT	ANGLE

Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																									LENGTH	SIZE	SERIES
J	a	c	k	s	o	n																			19.5"	4"/3"	D 2000
4.3"	7.5"	10.4"	13.3"	16.1"	18.3"	21.4"																					
C	o	u	n	t	y																				17"	4"/3"	D 2000
5.5"	8.8"	11.9"	15"	17.8"	19.5"																						

SIGN NUMBER	SS12.3 (I2-1)
WIDTH X HEIGHT	66" x 18"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

Route(s): BIA 2, BIA 41



SYMBOL	X	Y	WID	HT	ANGLE
			78.8"	28.5"	

Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																									LENGTH	SIZE	SERIES
O	g	l	a	l	a																				14.5"	4"/3"	D 2000
12.4"	15.9"	19.1"	20.3"	23.4"	24.6"																						
L	a	k	o	t	a																				15.6"	4"/3"	D 2000
30.9"	33.7"	36.7"	39.6"	42.3"	44.1"																						
N	a	t	l	o	n																				14.8"	4"/3"	D 2000
50.4"	53.8"	56.5"	58.6"	59.8"	63"																						
E	N	T	E	R	l	N	G																		18"	3"	D 2000
9.7"	12"	14.5"	16.8"	19.2"	21.8"	23"	25.7"																				
T	R	l	B	A	L																				13.2"	3"	D 2000
30.7"	33"	35.6"	36.8"	39"	42"																						
B	O	U	N	D	A	R	Y																		21.1"	3"	D 2000
46.9"	49.4"	52.2"	55"	57.7"	60.1"	63.1"	65.4"																				

SIGN NUMBER	SS12.2 (I2-1)
WIDTH X HEIGHT	66" x 18"
BORDER WIDTH	0.5" (Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

Route(s): BIA 2, BIA 41



SYMBOL	X	Y	WID	HT	ANGLE

Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

LETTER POSITION (X)																									LENGTH	SIZE	SERIES
O	g	l	a	l	a																				14.5"	4"/3"	D 2000
6.6"	10"	13.2"	14.5"	17.5"	18.8"																						
L	a	k	o	t	a																				15.6"	4"/3"	D 2000
25"	27.8"	30.9"	33.8"	36.5"	38.3"																						
N	a	t	l	o	n																				14.8"	4"/3"	D 2000
44.6"	48"	50.7"	52.7"	54"	57.1"																						
L	E	A	V	l	N	G																			15.8"	3"	D 2000
5"	7.3"	9.4"	12.1"	14.8"	16"	18.7"																					
T	R	l	B	A	L																				13.2"	3"	D 2000
23.8"	26.1"	28.6"	29.8"	32.1"	35.1"																						
B	O	U	N	D	A	R	Y																		21.1"	3"	D 2000
40"	42.5"	45.2"	48"	50.8"	53.2"	56.2"	58.5"																				

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SPECIAL SIGN DETAILS

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KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 58 | TOTAL SHEETS: 168

Plotting Date: 7/20/2026

SIGN NUMBER	SS13.1 (I2-2)
WIDTH X HEIGHT	42" x 18"
BORDER WIDTH	0.5" (inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

Route: Craven Rd



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

PANEL STYLE: guide_sign_lowmount

SYMBOL	X	Y	WID	HT	ANGLE

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
E	a	g	l	e	s		N	e	s	t												29.2"	4"/3"	D 2000
6.4"	9.3"	12.2"	15.4"	16.7"	19.3"	21.3"	25.8"	29.3"	32"	34"														
C	r	e	e	k																		13.6"	4"/3"	D 2000
14.2"	17.7"	19.6"	22.3"	25.2"																				

SIGN NUMBER	SS13.2 (I2-2)
WIDTH X HEIGHT	42" x 18"
BORDER WIDTH	0.5" (inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective
	COLOR: White

Route: Craven Rd



Dimensions are in inches tenths

Letter locations are panel edge to lower left corner

PANEL STYLE: guide_sign_lowmount

SYMBOL	X	Y	WID	HT	ANGLE

LETTER POSITION (X)																						LENGTH	SIZE	SERIES
B	e	a	r		l	n		T	h	e												31.7"	4"/3"	D 2000
5.2"	8.3"	11"	14.1"	15.7"	20.2"	21.7"	24.4"	28.5"	31.5"	34.5"														
L	o	d	g	e		C	r	e	e	k												32.4"	4"/3"	D 2000
4.8"	7.7"	10.6"	13.6"	16.7"	19.2"	23.6"	27.1"	29"	31.7"	34.6"														

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TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 59 | TOTAL SHEETS: 168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
1st St	43.1874885	-102.7428871	36	12	D3-1	N-S	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 1st St			
1st St	43.1874885	-102.7428871	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Bellvillage Ct	Mount Below Street Sign		
1st St	43.1878514	-102.7458105	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street Signs		
1st St	43.1878514	-102.7458105	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount Above Stop Sign		
1st St	43.1878514	-102.7458105	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: 1st St	Mount at Top		
1st St	43.1878514	-102.7458105			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
1st St	43.5631894	-101.6532871	48	21	D3-1	E-W	NEW	7	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name (2 Lines): SS7.2 - Cluster Housing Dr	Mount Above Stop Sign		
1st St	43.5631894	-101.6532871	64	12	D3-1L	North	NEW	5.3	IV	1					Street Name with Left Arrow: SS3.8 - Eagle Nest Rd	Mount Above Stop Sign		
1st St	43.5631894	-101.6532871	42	12	D3-1R	North	NEW	3.5	IV	1					Street Name with Right Arrow: SS5.1 - 1st St	Mount Above Stop Sign		
1st St	43.5633078	-101.6587101	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 1st St			
1st St	43.5633078	-101.6587101	36	12	D3-1	E-W	R/R	3	IV	2					Street Name: 1st Ave			
1st St	43.56331951	-101.6533682			D3-1	N-S	D/R			4			REM	1	Street Name: 1st St & Cluster Housing			
1st St	43.56333025	-101.6533087	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street Signs		
1st St	43.56333025	-101.6533087			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
1st St	43.56334021	-101.6556002	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	existing condtions have street signs with no stop sign		
1st St	43.56334021	-101.6556002	48	21	D3-1	E-W	R/R	7	IV	2					Street Name (2 Lines): SS7.2 - Cluster Housing Dr	Mount above Stop Sign		
1st St	43.56334021	-101.6556002	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 1st St	Mount above Stop Sign		
1st St	43.56334021	-101.6556002			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
1st St	43.56387666	-101.6614726	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
1st St	43.56387666	-101.6614726			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
1st St	43.56391088	-101.6615525	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 1st St	Mount at Top		
1st St	43.56391088	-101.6615525	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	Mount in Middle		
200th Ave	43.43978231	-102.0634901	36	36	W70-2	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
200th Ave	43.43978231	-102.0634901	24	18	W70-4	North	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
200th Ave	43.43985974	-102.0632756			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
200th Ave	43.43985974	-102.0632756			D3-1	E-W	IN PL			2					Street Name: Redwater Dam Rd			
216th Ave	43.38911164	-101.7727599	30	30	W1-1L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
216th Ave	43.38914391	-101.7724636	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
216th Ave	43.38914391	-101.7724636	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.38914391	-101.7724636	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.38980133	-101.7719493	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
216th Ave	43.40277662	-101.7718962	30	30	W7-6	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Hill Blocks View			
216th Ave	43.40277662	-101.7718962	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Hill Blocks ViewSpecial Detail L01		
216th Ave	43.40346731	-101.7720086	36	36	W1-10bR	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
216th Ave	43.4034851	-101.772131	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
216th Ave	43.4034851	-101.772131	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.4034851	-101.772131	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.40384886	-101.7719269	36	36	R1-2	North	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
216th Ave	43.40384886	-101.7719269			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
216th Ave	43.40387709	-101.771732	42	12	D3-1	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 276th St			
216th Ave	43.40387709	-101.771732	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: 216th Ave	Mount under Street Signs		
216th Ave	43.4039838	-101.7717786	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
216th Ave	43.4039838	-101.7717786			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
216th Ave	43.40423133	-101.771937	30	30	W2-5	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Y-Intersection			
216th Ave	43.40425386	-101.7718419	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
216th Ave	43.40425386	-101.7718419	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.40425386	-101.7718419	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.40476865	-101.7720263	30	30	W3-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield Ahead			
216th Ave	43.41784259	-101.7720607	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
216th Ave	43.41784259	-101.7720607	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.41784259	-101.7720607	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
216th Ave	43.41787478	-101.7718946	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L42		
216th Ave	43.41787478	-101.7718946			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
216th Ave	43.41813011	-101.7719764	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
216th Ave	43.41813011	-101.7719764			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
235 1/2th Ave	43.56264024	-101.3910061	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
235 1/2th Ave	43.56295811	-101.3909849	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
235 1/2th Ave	43.56296107	-101.3908887	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
235 1/2th Ave	43.56298887	-101.3910061	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
235 1/2th Ave	43.56310225	-101.3907961	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
235 1/2th Ave	43.56310225	-101.3907961			D10-6	E-W	R/S/S			2					Non-Interstate Mileage Reference Marker: 162	match existing mounting location on new post		
235 1/2th Ave	43.56310225	-101.3907961	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: SD 44	Mount above Stop Sign		
235 1/2th Ave	43.56310225	-101.3907961	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: 235 1/2th Ave	Mount above Stop Sign		
235 1/2th Ave	43.56310225	-101.3907961			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
235 1/2th Ave	43.56332201	-101.3910659	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
235 1/2th Ave	43.56332201	-101.3910659			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
235 1/2th Ave	43.5634426	-101.3908749	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
235 1/2th Ave	43.5634426	-101.3908749	24	18	W16-2P	South	NEW	3	XI	1					XX Feet (2-line plaque): 500 Ft	Mount under Dead EndSpecial Detail L01		
235 1/2th Ave	43.56350547	-101.3909985	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
235 1/2th Ave	43.5635067	-101.3909173	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
275th St	43.41650776	-101.7522851	54	12	D3-1a	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: 275th St			
275th St	43.41650776	-101.7522851	54	12	D3-1a	E-W	R/R	4.5	IV	2					Street Name with BIA Arrowhead: Hisle Rd	Mount under 275th St		
275th St	43.4165144	-101.7548602	6	12	OM2-2V	East	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
275th St	43.41651591	-101.7547658	6	12	OM2-2V	East	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
275th St	43.41655283	-101.7539503	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 1			
275th St	43.41655283	-101.7539503	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
275th St	43.41655562	-101.7524228	30	30	R1-1	West	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
275th St	43.41655562	-101.7524228			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
275th St	43.41657122	-101.7538364			W2-4	West	D/R			1			REM	1	Intersection Warning - T-Intersection			
275th St	43.41658322	-101.7527816			BIA Rt.	West	D/R			1			REM	1	BIA Route Marker: 6			
275th St	43.41658322	-101.7527816			M4-6P	West	D/R			1					End (plaque), US/State Route Assembly			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 62 | TOTAL SHEETS: 168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
275th St	43.41668769	-101.7547679	6	12	OM2-2V	East	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
275th St	43.4166907	-101.7548633	6	12	OM2-2V	East	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
275th St	43.41670339	-101.7527813			BIA Rt.	East	D/R			1			REM	1	BIA Route Marker: 6			
275th St	43.41671568	-101.7523371	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 6			
275th St	43.41779251	-101.7676364			W1-2R	East	D/R			1			REM	1	Horizontal Alignment - Right Curve			
275th St	43.41792279	-101.7715095	24	30	BIA Rt.	West	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 6			
275th St	43.41792279	-101.7715095	24	12	M4-14P	West	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
275th St	43.41792947	-101.771836	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 216th Ave	Mount at Top		
275th St	43.41792947	-101.771836	54	12	D3-1a	N-S	NEW	4.5	IV	2					Street Name with BIA Arrowhead: 275th St	Mount under Street Signs		
275th St	43.41795459	-101.7716916	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 728ft, C=85ft		
275th St	43.41795459	-101.7716916	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 728ft, S=85ft, delineators along tangents only		
275th St	43.41804366	-101.7709315	30	30	W1-4R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
275th St	43.41804366	-101.7709315	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Reverse CurveSpecial Detail L01		
275th St	43.41808475	-101.7717163	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 6			
275th St	43.41808475	-101.7717163	24	12	M4-6P	East	NEW	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
276th St	43.40360736	-101.7519541	42	12	D3-1	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 276th St	Mount at Top		
276th St	43.40360736	-101.7519541	54	12	D3-1a	E-W	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Hisle Rd	Mount under Street Sign		
276th St	43.40361171	-101.7428903	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
276th St	43.40361315	-101.7428428	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
276th St	43.40362587	-101.7409439	36	36	W8-8	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Rough Road			
276th St	43.4036424	-101.7523331	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
276th St	43.4036424	-101.7523331			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
276th St	43.40365064	-101.7517448	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
276th St	43.40365064	-101.7517448	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
276th St	43.4036538	-101.7707164	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
276th St	43.4036538	-101.7707164	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
276th St	43.4036538	-101.7707164	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	63	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
276th St	43.40365427	-101.7511992	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
276th St	43.40365539	-101.771355	30	30	W2-3aL	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Oblique Side Road (Acute)			
276th St	43.40371017	-101.7429348	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
276th St	43.40371017	-101.7428774	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
276th St	43.40371585	-101.7711619	36	36	R1-2	West	NEW	9.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
276th St	43.40371585	-101.7711619			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
276th St	43.40372842	-101.7703061	30	30	W2-3R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Obtuse)			
276th St	43.40372842	-101.7703061	18	18	W13-1P	East	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)			
276th St	43.40373346	-101.752428	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
276th St	43.40373346	-101.752428	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
276th St	43.40373346	-101.752428	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
276th St	43.40376693	-101.7715479	36	36	W1-10cL	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
276th St	43.40376693	-101.7715479	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
276th St	43.40379431	-101.7519081	30	30	R1-1	East	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
276th St	43.40379431	-101.7519081			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
2nd St	43.56784288	-101.6595555	30	30	W15-1	West	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Playground - Yellow			
2nd St	43.56794368	-101.6615283	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
2nd St	43.56794368	-101.6615283	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 2nd St	Mount above Stop Sign		
2nd St	43.56794368	-101.6615283	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	Mount above Stop Sign		
2nd St	43.56794368	-101.6615283			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
2nd St	43.56794853	-101.6565369	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 2nd St	Mount on Top		
2nd St	43.56794853	-101.6565369	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Moves Camp Ave	Mount under Street Signs		
2nd St	43.56794902	-101.6588901			D3-1	N-S	D/R			2			REM	1	Street Name: 2nd St			
2nd St	43.56794902	-101.6588901			D3-1	E-W	D/R			2					Street Name: Pute Ave			
2nd St	43.56796379	-101.6604515	36	12	D3-1	N-S	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 2nd St			
2nd St	43.56796379	-101.6604515	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Washabaugh Ave	Mount under 2nd St		
3rd St	43.56913062	-101.6604242	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			

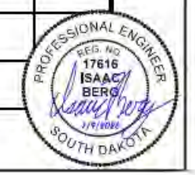


TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	64	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
3rd St	43.56913062	-101.6604242			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
3rd St	43.56916149	-101.656919	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 3rd St	Mount at Top		
3rd St	43.56916149	-101.656919	48	12	D3-1	West	R/R	4	IV	2					Street Name: Moves Camp Ave	Mount Below Street Sign		
3rd St	43.56922062	-101.6615739	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
3rd St	43.56922062	-101.6615739	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 3rd St	mount above stop sign		
3rd St	43.56922062	-101.6615739	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	mount above stop sign		
3rd St	43.56922062	-101.6615739			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
3rd St	43.56922576	-101.6583166	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 3rd St			
3rd St	43.56922576	-101.6583166	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Sioux Ave	Mount Under 3rd St		
3rd St	43.56923133	-101.6590088	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 3rd St			
3rd St	43.56923133	-101.6590088	42	12	D3-1	E-W	R/R	3.5	IV	2					Street Name: Pute Ave			
3rd St	43.56923722	-101.6602582	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs, existing condtions have street signs with no stop sign		
3rd St	43.56923722	-101.6602582	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 3rd St	Mount above Stop Sign		
3rd St	43.56923722	-101.6602582	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Washabaugh Ave	Mount above Stop Sign		
3rd St	43.56923722	-101.6602582			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
4th St	43.57040978	-101.6587808	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 4th St			
4th St	43.57040978	-101.6587808	42	12	D3-1	E-W	R/R	3.5	IV	2					Street Name: Pute Ave			
4th St	43.57052817	-101.6615241	30	30	R1-1	West	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount Under Street Sign		
4th St	43.57052817	-101.6615241	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 4th St	Mount above Stop Sign		
4th St	43.57052817	-101.6615241	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	Mount above Stop Sign		
4th St	43.57052817	-101.6615241			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
4th St	43.57052943	-101.6581763	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Sioux Ave	mount at bottom		
4th St	43.57052943	-101.6581763	60	12	D3-1R	South	R/R	5	IV	1					Street Name with Right Arrow: SS5 12 - Sioux Ave	mount below 4th St sign		
4th St	43.57052943	-101.6581763	48	12	D3-1L	South	R/R	4	IV	1					Street Name with Left Arrow: SS3.2 - 4th St	mount at top		
Alkali Creek Rd	43.03850507	-102.8358143	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Alkali Creek Rd	43.03862348	-102.8363502	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Alkali Creek Rd	43.0387187	-102.8369427			D3-1	N-S	R/S/S			2			REM	1	Street Name: Alkali Creek Rd	Reset signs on new post above stop sign		

PROFESSIONAL ENGINEER
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ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Alkali Creek Rd	43.03876096	-102.8368897	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Alkali Creek Rd	43.03876096	-102.8368897	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Alkali Creek Rd	43.03876096	-102.8368897	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Alkali Creek Rd	43.03887369	-102.8369408	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42 - Mount below Street Signs		
Alkali Creek Rd	43.03887369	-102.8369408	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: BIA 41	Mount above Stop Sign		
Alkali Creek Rd	43.03887369	-102.8369408			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BAI 15	43.32120266	-102.1855882	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 101	43.47644078	-102.2277908	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.47644807	-102.228092	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.47655006	-102.2315305	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.47659013	-102.2310988	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.47677672	-102.2221829			D3-1	E-W	IN PL			2			IN PL	1	Street Name: Bull Bear Ln			
BIA 101	43.47677672	-102.2221829	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: BIA 101	Mount under Street Signs		
BIA 101	43.47678517	-102.2212771			D3-1	E-W	IN PL			2			IN PL	1	Street Name: Jealous of Him Dr			
BIA 101	43.47678517	-102.2212771	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: BIA 101	Mount under Street Signs		
BIA 101	43.47680394	-102.2179842	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
BIA 101	43.47680394	-102.2179842			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 101	43.47682692	-102.2175026	48	24	W1-7	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 101	43.47682692	-102.2175026			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 101	43.47684041	-102.237914	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.47686332	-102.2267366	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.4768875	-102.2380233	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.47690565	-102.218228	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 101	43.47690565	-102.218228	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
BIA 101	43.47691465	-102.2252541	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 101	43.47691465	-102.2252541	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 101	43.47691465	-102.2252541	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Distance Plaque		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 101	43.47692889	-102.2263602	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.47696532	-102.2305918	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.4769726	-102.2292164	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.47699081	-102.229377	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.4769981	-102.2303961	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.47703137	-102.2382509	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.47707976	-102.2381341	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.48117321	-102.2482352	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.48123616	-102.2482444	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.48169072	-102.2510073	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 101	43.48169072	-102.2510073	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 101	43.48169072	-102.2510073	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Distance Plaque		
BIA 101	43.48172903	-102.2518238	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 101	43.48172903	-102.2518238	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
BIA 101	43.48211494	-102.2527341			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 102			
BIA 101	43.48211494	-102.2527341			D3-1	E-W	IN PL			2					Street Name: BIA 101			
BIA 101	43.48261323	-102.253027	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 101	43.48261323	-102.253027	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 101	43.48261323	-102.253027	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 101	43.49138364	-102.2547357	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.49138431	-102.2548607	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.5056866	-102.2531778	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 101	43.5056866	-102.2531778	24	18	W7-3aP	South	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 101	43.5056866	-102.2531778	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Distance Plaque		
BIA 101	43.50602914	-102.2530758	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.50607489	-102.2531499	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.50806684	-102.2234701			D3-1	South	D/R			1			REM	1	Street Name: BIA 101			



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Location			Sign Details								Post Details				Additional Information		For Construction	
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BIA 101	43.50806872	-102.2234574	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.50808067	-102.2232927	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 101	43.50808067	-102.2232927	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 101	43.50808067	-102.2232927	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 101	43.50810583	-102.2233239	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 101	43.50865635	-102.2239926	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 101	43.5087072	-102.2238447	36	12	D3-1	South	NEW	3	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: BIA 101			
BIA 101	43.50892841	-102.2260179	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 101	43.50892841	-102.2260179	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.50912059	-102.2242115	30	30	W1-3L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
BIA 101	43.50912059	-102.2242115	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
BIA 101	43.50933264	-102.2272438	30	30	W1-3L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
BIA 101	43.50933264	-102.2272438	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
BIA 101	43.51114454	-102.2313352	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 101	43.51114454	-102.2313352	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 101	43.51114454	-102.2313352	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Distance Plaque		
BIA 101	43.51437479	-102.2440518	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 101	43.51441773	-102.2439215	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 102	43.39188705	-102.2984516			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
BIA 102	43.39188705	-102.2984516			D3-1	E-W	IN PL			2					Street Name: BIA 102	Mount under Street Signs		
BIA 102	43.39188979	-102.298634	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 102	43.39188979	-102.298634			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 102	43.39199837	-102.2985054	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 102	43.39199837	-102.2985054	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.39199837	-102.2985054	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.39233415	-102.2985445	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 102	43.44471979	-102.3136688	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			



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BIA 102	43.44514219	-102.3135229	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 102	43.44514219	-102.3135229	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.44514219	-102.3135229	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.44565222	-102.3125348	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 102	43.44565222	-102.3125348	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.44565222	-102.3125348	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.44582955	-102.3120316	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 102	43.48185723	-102.2535806	30	30	W18-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 102	43.48198682	-102.2529416	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L41		
BIA 102	43.48198682	-102.2529416			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 102	43.48203275	-102.2531949	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 102	43.48203275	-102.2531949	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 102	43.48203275	-102.2531949	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 109	43.26920704	-102.1777132	36	12	D3-1	N-S	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: BIA 109			
BIA 109	43.26920704	-102.1777132	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount under Street Signs		
BIA 109	43.26921586	-102.1776299	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 109	43.26921586	-102.1776299	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 109	43.26921586	-102.1776299	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 109	43.26924915	-102.1776475	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 109	43.26929007	-102.1776255	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 109	43.26933405	-102.1776705	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 109	43.26933405	-102.1776705			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 109	43.26936769	-102.1772027	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 109	43.26936769	-102.1772027	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under No Traffic SignsSpecial Detail L01		
BIA 109	43.26957969	-102.1770557	30	30	W3-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 109	43.28346959	-102.1563647	30	30	W18-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 109	43.28346959	-102.1563647	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 2 Miles	Mount under No Traffic SignsSpecial Detail L01		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
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PH 8057(04)	69	168

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BIA 109	43.28356491	-102.155955	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 109	43.28356491	-102.155955	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 109	43.28356491	-102.155955	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 115	43.19473458	-102.7466045	36	12	D3-1	N-S	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Last St	Mount at Top		
BIA 115	43.19473458	-102.7466045	48	12	D3-1a	E-W	NEW	4	IV	2					Street Name with BIA Arrowhead: BIA 115	Mount at Bottom		
BIA 115	43.19477984	-102.7467455	36	36	W8-3	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Pavement Ends			
BIA 115	43.195305	-102.7475708	30	30	W2-8L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Roads			
BIA 115	43.19773337	-102.7503193	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.19780526	-102.750174	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.19784814	-102.75043	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.19792003	-102.7502847	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20333129	-102.7568125	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20341026	-102.7567104	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20341669	-102.7569422	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20349566	-102.7568402	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.2069236	-102.7790199	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 115	43.2069236	-102.7790199			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 115	43.20706314	-102.7787958			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 41			
BIA 115	43.20706314	-102.7787958	48	12	D3-1a	E-W	R/R	4	IV	2					Street Name with BIA Arrowhead: BIA 115	Mount under Street Signs		
BIA 115	43.2071545	-102.7790995	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
BIA 115	43.2071545	-102.7790995			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 115	43.2071595	-102.7789413	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 115			
BIA 115	43.20734668	-102.7640475	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20737248	-102.7641006	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20744987	-102.7639272	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20747567	-102.7639803	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 115	43.20829594	-102.7654379	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 115	43.20829594	-102.7654379	18	18	W13-1P	East	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount Below Left CurveSpecial Detail L01		
BIA 115	43.20866371	-102.7661821	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 775ft, C=130ft		
BIA 115	43.20866371	-102.7661821	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 775ft, S=80ft, delineators along tangents only		
BIA 115	43.20873909	-102.7789361			W2-2R	South	D/R			1			REM	1	Intersection Warning - Right Side Road			
BIA 115	43.20874092	-102.7790923	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 115	43.20874092	-102.7790923	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 115	43.20880634	-102.7673328	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 115	43.20880634	-102.7673328	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount Below Right CurveSpecial Detail L01		
BIA 115	43.20911357	-102.7789288	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 115	43.20967582	-102.7789399	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 115			
BIA 115	43.20967582	-102.7789399	21	15	M6-1PR	South	NEW	2.2	IV	1					Directional Arrow - Right Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 115	43.21059059	-102.7773357	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 115			
BIA 115	43.21059059	-102.7773357	21	15	M6-1PL	South	NEW	2.2	IV	1					Directional Arrow - Left Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 115	43.21080337	-102.7791557	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 115	43.21080337	-102.7791557			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 115	43.21083506	-102.7789096	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L42		
BIA 115	43.21083506	-102.7789096			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 115	43.21103944	-102.7789999	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 120	43.60652028	-101.9010168			D3-1	N-S	D/R			2			REM	1	Street Name: BIA 120			
BIA 120	43.60652028	-101.9010168			D3-1	E-W	D/R			2					Street Name: SD 44			
BIA 120	43.60652759	-101.9421554	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 120	43.60652789	-101.9421313	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 120	43.60653179	-101.900986	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 120	43.60653179	-101.900986			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 120	43.60653179	-101.900986	48	12	D3-1a	N-S	NEW	4	IV	2					Street Name with BIA Arrowhead: BIA 120	Mount above Stop Sign		
BIA 120	43.60653179	-101.900986	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: SD 44	Mount above Stop Sign		
BIA 120	43.60653588	-101.9015456	54	18	D1-1	West	NEW	6.8	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Destination (1 line): SS9 - Interior			



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FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 120	43.60655324	-101.9026717	24	24	M1-5	West	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	State Route (1, 2 digits): SD 44			
BIA 120	43.60655324	-101.9026717	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 120	43.60656017	-101.9028388			W2-4	West	D/R			1			REM	1	Intersection Warning - T-Intersection			
BIA 120	43.60656017	-101.9028388			R16-1	West	D/R			1					Seat Belt Symbol	Mounted under T-Intersection		
BIA 120	43.60656485	-101.9036503			W3-1	West	D/R			1			REM	1	Stop Ahead			
BIA 120	43.60669856	-101.9507948	30	30	W14-2	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 120	43.6067008	-101.9487828	30	30	W2-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
BIA 120	43.60670498	-101.937617					N/S						REM	1				
BIA 120	43.6068139	-101.9421599	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 120	43.6068142	-101.9421357	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 120	43.60684522	-101.9575093					N/S						REM	1				
BIA 120	43.60687438	-101.9589092	30	30	W8-26	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Road Ends Advance: Road Ends 500ft			
BIA 120	43.6070163	-101.9603025			W1-6L	East	D/R			1			REM	2	Large Left Arrow (1-direction)			
BIA 120	43.60711765	-101.9605538	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 120	43.60713951	-101.9605006			W1-6R	East	D/R			1			REM	2	Large Right Arrow (1-direction)			
BIA 120	43.60715625	-101.9605438	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 120	43.60718868	-101.960531	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 122	43.02502729	-102.1410259	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 122	43.02502729	-102.1410259	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 205ft, S=35ft, delineators along tangents only		
BIA 122	43.0250399	-102.1258667			W8-3	East	D/S			1			REM	1	Pavement Ends			
BIA 122	43.02504833	-102.1253273	30	30	W8-26	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Road Ends Advance: Road Ends 500ft			
BIA 122	43.02506341	-102.1249498					N/S						REM	1				
BIA 122	43.02507835	-102.1377334					N/S						REM	1				
BIA 122	43.02509311	-102.1395199	30	30	W1-1R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
BIA 122	43.02509311	-102.1395199	18	18	W13-1P	East	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
BIA 122	43.02509316	-102.1233871	18	18	OM4-1	West	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 122	43.0251205	-102.1233884	18	18	OM4-1	West	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 122	43.02519293	-102.1413032	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 122	43.02632895	-102.1413725	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
BIA 122	43.02632895	-102.1413725	18	18	W13-1P	North	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
BIA 122	43.02751818	-102.141426					N/S						REM	1				
BIA 122	43.03105099	-102.1411782	30	30	W2-2L	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Intersection Warning - Left Side Road			
BIA 122	43.03169923	-102.1411143			BIA Rt.	South	R/S/S			1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 122	Mount in Middle		
BIA 122	43.03169923	-102.1411143			M5-1PL	South	R/S/S			1					Advance Turn Arrow - Left (plaque), US/State Route Assembly	mount below route sign		
BIA 122	43.03170057	-102.1410517			BIA Rt.	South	R/S/S			1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 132			
BIA 122	43.03170057	-102.1410517			M6-3P	South	R/S/S			1					Directional Arrow - Through (plaque), US/State Route Assembly	mount below route sign		
BIA 122	43.03173855	-102.1413467	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 122	43.03203961	-102.1413441			W8-3	North	IN PL			1			IN PL	2	Pavement Ends			
BIA 122	43.03219709	-102.1414995	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street SignsSpecial Detail L42		
BIA 122	43.03219709	-102.1414995			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 122	43.03226242	-102.1411711			W1-7	West	IN PL			1			IN PL	2	Large Arrow (2-direction)			
BIA 122	43.03226242	-102.1411711			DelWT		IN PL			2					4" Tubular White Delineator Reflector	existing delineator on each post of in place W1-7		
BIA 122	43.03238217	-102.1414265	36	12	D3-1	N-S	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: BIA 122			
BIA 122	43.03238217	-102.1414265	48	12	D3-1a	E-W	NEW	4	IV	2					Street Name with BIA Arrowhead: BIA 132	Mount under Street Signs		
BIA 13	43.32558649	-102.7885309			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 41			
BIA 13	43.32558649	-102.7885309	42	12	D3-1a	N-S	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 13			
BIA 13	43.32567047	-102.7881122	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 13			
BIA 13	43.32567105	-102.7883875	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 13	43.32575207	-102.7883939	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 13	43.32576697	-102.7878345	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 13	43.32577156	-102.7885121			R1-1	East	IN PL			1			IN PL	1	Stop			
BIA 13	43.32577156	-102.7885121			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 13	43.32578559	-102.7868702	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 13	43.32578559	-102.7868702	21	15	M2-1P	East	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		



TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	73	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 13	43.32765457	-102.7596056	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 13	43.32807983	-102.7584267	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 1687ft, S=135ft		
BIA 13	43.32870933	-102.757482	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 13	43.33335971	-102.7493548	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 13	43.33340192	-102.7494035	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 13	43.33340201	-102.749256	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 13	43.33340201	-102.749256	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 13	43.33340201	-102.749256	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 13	43.33363396	-102.7487055	30	30	W14-2	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 13	43.33539843	-102.7457821	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 13	43.33539843	-102.7457821	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 6 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 13	43.34763345	-102.7196624	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 13	43.34767091	-102.71939	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 13	43.34767091	-102.71939	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under No Traffic SignsSpecial Detail L01		
BIA 13	43.34768863	-102.719686	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 132	43.03951079	-102.1411721			W8-3	South	IN PL			1			IN PL	2	Pavement Ends			
BIA 132	43.03966391	-102.1412114	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 132	43.03966391	-102.1412114	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 132	43.03966391	-102.1412114	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 132	43.03996629	-102.1413261	30	30	W2-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 132	43.04022016	-102.1413742			R2-1	North	IN PL			1			IN PL	1	Speed Limit - 45 mph			
BIA 132	43.04655187	-102.1413546	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 132	43.04655187	-102.1413546	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 132	43.04655187	-102.1413546	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 132	43.0465824	-102.1412342	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L42		
BIA 132	43.0465824	-102.1412342			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 132	43.04863545	-102.1414595			R1-1	West	D/R			1			REM	1	Stop			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	74	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 132	43.04663565	-102.1414548	62	12	D3-1	N-S	R/R	5.2	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: County Rd 15			
BIA 132	43.04863565	-102.1414548	48	12	D3-1a	E-W	R/R	4	IV	2					Street Name with BIA Arrowhead: BIA 132	Mount below Street Signs		
BIA 132	43.04673029	-102.1412404			R11-4	South	D/R			1			REM	2	Road Closed to Thru Traffic			
BIA 132	43.04674437	-102.1412833	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 132	43.04674437	-102.1412833			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 15	43.28363215	-102.1551171	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 15	43.28363215	-102.1551171	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 15	43.28363215	-102.1551171	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 15	43.28375263	-102.1548478	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 15	43.28474311	-102.1543152	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 15	43.28474959	-102.1544283	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 15	43.29050947	-102.1551745	18	18	OM4-1	South	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 15	43.29052188	-102.1551329	18	18	OM4-1	South	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 15	43.29748428	-102.1648575	18	18	OM4-1	North	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 15	43.29750065	-102.1648311	18	18	OM4-1	North	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 15	43.31782677	-102.1835283	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 15	43.31785597	-102.1834655	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 15	43.32149748	-102.1856289	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 15	43.32149748	-102.1856289	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 15	43.32149748	-102.1856289	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 15	43.32154521	-102.1857134			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: BIA 15			
BIA 15	43.32154521	-102.1857134			D3-1	N-S	D/R			2					Street Name: BIA 17			
BIA 15	43.32154521	-102.1857134	62	12	D3-1	N-S	NEW	5.2	IV	2					Street Name: County Rd 16	mount above other street sign		
BIA 15	43.3218235	-102.1854677	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 15	43.3218235	-102.1854677			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 16	43.30270007	-102.7929309			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 41			
BIA 16	43.30270007	-102.7929309	42	12	D3-1a	N-S	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 16	Mount Below Street Sign		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2025
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 16	43.30281475	-102.7924755	24	30	BIA Rt.	West	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 16			
BIA 16	43.3028163	-102.7924285			BIA Rt.	West	D/R			1			REM	1	BIA Route Marker: 16			
BIA 16	43.30283633	-102.792636	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 16	43.30291138	-102.7926423	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 16	43.30293437	-102.792789	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 16	43.30293437	-102.792789			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 16	43.30300008	-102.7920235	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 16	43.30308495	-102.7912679	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 16	43.30308495	-102.7912679	21	15	M2-1P	East	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 16	43.30374656	-102.7624149	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 16	43.30374656	-102.7624149	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
BIA 16	43.30375311	-102.7829678	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 16	43.30388326	-102.7828674	36	36	R1-2	North	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount under Street Signs		
BIA 16	43.30388326	-102.7828674	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Drywood Dr	Mount above Yield		
BIA 16	43.30388326	-102.7828874	42	12	D3-1a	N-S	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 16	Mount above Yield		
BIA 16	43.30388326	-102.7828874			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 16	43.30392166	-102.7606458	18	24	W1-8	E-W	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 815ft, C=180ft		
BIA 16	43.30392166	-102.7606458	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 815ft, S=90ft, delineators along tangents only		
BIA 16	43.3039409	-102.7692643	36	12	D3-1	E-W	NEW	3	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Hawk Rd			
BIA 16	43.3039409	-102.7692643	42	12	D3-1a	N-S	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 16	Mount under Street Signs		
BIA 16	43.30394217	-102.7811486	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 16	43.30394404	-102.7820737	4	4	DelW	E-W	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1300ft,, S=115ft		
BIA 16	43.30472833	-102.7594446	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 16	43.30472833	-102.7594446	18	18	W13-1P	North	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Right CurveSpecial Detail L01		
BIA 16	43.3091804	-102.7527128	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.31088704	-102.7493515	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 16	43.31094389	-102.749414	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 16	43.31777435	-102.7394805	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 16	43.31777435	-102.7394805	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 16	43.31869981	-102.7380603	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 740ft, S=85ft, delineators only along south tangent		
BIA 16	43.31869981	-102.7380603	18	24	W1-8	E-W	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 740ft, C=145ft		
BIA 16	43.31872511	-102.7365378	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.31872932	-102.7366159	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.3187612	-102.7359956	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 330ft, C=80ft		
BIA 16	43.31878927	-102.7365291	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.31879769	-102.7366043	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.31961685	-102.7349303	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 302ft, C=55ft		
BIA 16	43.31998737	-102.7320853	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 635ft, C=90ft		
BIA 16	43.31998737	-102.7320853	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 635ft, S=65ft, delineators only along east tangent		
BIA 16	43.32063343	-102.7310214	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 16	43.32063343	-102.7310214	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 16	43.32217706	-102.7279963	42	12	D3-1a	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name with BIA Arrowhead: BIA 16			
BIA 16	43.32217706	-102.7279963	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Route 611	mount under street sign		
BIA 16	43.32238529	-102.7276374	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 16	43.32238529	-102.7276374	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 16	43.32238529	-102.7276374	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 16	43.32251054	-102.7273837	30	30	W14-2	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 16	43.32507673	-102.7225914	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 16	43.32533649	-102.7196769	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 16	43.32541557	-102.7196799	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 16	43.3279256	-102.717489	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.32793967	-102.7174696	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.32796902	-102.717552	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.3279837	-102.7175318	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 16	43.33011631	-102.7140642	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.3301484	-102.714111	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 16	43.33336396	-102.7092094	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 16	43.33345028	-102.7092301	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.43290829	-102.1107621	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 19	43.43315103	-102.1106761	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.43315427	-102.1107565	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.43320523	-102.1107543	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 19	43.43320523	-102.1107543	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
BIA 19	43.43328213	-102.1106237	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount below Street Signs		
BIA 19	43.43328213	-102.1106237			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 19	43.51608074	-102.0751446	42	12	D3-1a	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name with BIA Arrowhead: BIA 19			
BIA 19	43.51608074	-102.0751446	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.1 - Bombing Range Rd	Mount under Street Signs		
BIA 19	43.51632309	-102.0746319	36	36	W1-10cL	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
BIA 19	43.51722129	-102.0726488	36	36	W1-10cR	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
BIA 19	43.51724471	-102.06083	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 19	43.51724471	-102.06083	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 19	43.51724897	-102.0603	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.51732339	-102.0602945	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.51788116	-102.0709698	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 19	43.51788116	-102.0709698	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 19	43.51788116	-102.0709698	18	18	W13-1P	West	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 19	43.51790943	-102.0717259	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
BIA 19	43.51790943	-102.0717259			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 19	43.51796246	-102.0706031	36	36	W1-10bL	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
BIA 19	43.51841478	-102.0575239	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.51841478	-102.0575239	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	78	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 19	43.51859713	-102.0585785	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.51859713	-102.0585785	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.51932927	-102.0538381	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.51932927	-102.0538381	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.51963954	-102.0552006	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.51963954	-102.0552006	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.52098202	-102.0528235	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 19	43.52098202	-102.0528235	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 19	43.52264252	-102.0502817	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.52269272	-102.0503459	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.53392069	-101.9988107	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 19	43.53392069	-101.9988107			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 19	43.53397458	-101.9989929			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
BIA 19	43.53397458	-101.9989929	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 19			
BIA 19	43.53401737	-101.9989578			R1-1	North	IN PL			1			IN PL	1	Stop			
BIA 19	43.53401737	-101.9989578			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 19	43.53406889	-101.9988676	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 19	43.53406889	-101.9988676	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 19	43.53406889	-101.9988676	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 19	43.53424286	-101.9989412	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
BIA 19	43.53424286	-101.9989412	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
BIA 19	43.53439822	-101.9990436	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53439822	-101.9990436	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53440267	-101.9999531	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
BIA 19	43.53440267	-101.9999531	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
BIA 19	43.53444678	-102.0004638	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 19	43.53450535	-102.0007811	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	79	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 19	43.53455978	-102.0007561	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.53535496	-102.0113374	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53538806	-102.0109988	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53560133	-102.0061218	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 19	43.53560133	-102.0061218	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding Road Special Detail L01		
BIA 19	43.53598719	-102.01025	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53601988	-102.0080634	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53602483	-102.0146819	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53602483	-102.0146819	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53605636	-102.0099526	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53607154	-102.0085887	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53624344	-102.0123844	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53624344	-102.0123844	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 19	43.53663265	-102.0158041	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 19	43.53663265	-102.0158041	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding Road Special Detail L01		
BIA 19	43.53818721	-102.0224783	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
BIA 19	43.53818721	-102.0224783	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount udner Right TurnSpecial Detail L01		
BIA 19	43.53854535	-102.0199681	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.53859385	-102.0199415	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 19	43.53865089	-102.020141	30	30	W1-1L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
BIA 19	43.53865089	-102.020141	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount udner Left TurnSpecial Detail L01		
BIA 19	43.53886819	-102.0220163	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 19	43.53897109	-102.0216656	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 2	43.47750085	-102.8769414	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 2	43.47750085	-102.8769414			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 2	43.47750939	-102.8884203	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47751945	-102.8784465			W3-1	West	D/R			1			REM	2	Stop Ahead			



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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 2	43.47752152	-102.8790901	24	30	BIA Rt.	West	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 41			
BIA 2	43.47752152	-102.8790901	21	15	M2-1P	West	R/R	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 2	43.47753222	-102.8870339	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47754902	-102.9574503	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47754928	-102.9151183	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47754928	-102.9150588	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47755131	-102.9575229	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47755864	-102.9646648	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47757072	-102.9804395	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47757132	-102.9804986	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47757866	-102.9527152	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47757894	-102.9861481	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47759885	-102.9823696	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.4776011	-102.9504796			W14-3	East	D/R			1			REM	2	No Passing Zone			
BIA 2	43.47761295	-102.9991003	96	48	SS2	West	NEW	32	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Tribal Regulatory Sign			
BIA 2	43.47761307	-103.0009633	66	18	I2-1	West	NEW	8.3	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Jurisdictional Boundary: SS12.3 - Entering Oglala Lakota Nation			
BIA 2	43.47761757	-103.0004377					N/S						REM	3				
BIA 2	43.47762257	-102.999826	24	30	R2-1	West	R/S	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 55 mph			
BIA 2	43.47762297	-103.0002992	24	30	BIA Rt.	West	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 2			
BIA 2	43.47762297	-103.0002992	24	12	M4-14P	West	R/R	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
BIA 2	43.47762419	-102.9996243			W14-3	East	D/S			1			REM	2	No Passing Zone			
BIA 2	43.47762505	-103.0001651			R16-1	West	D/R			1			REM	1	Seat Belt Symbol	mounted under do not liter sign		
BIA 2	43.47762505	-103.0001651			N/A	West	D/R			1					Do Not Liter			
BIA 2	43.47763907	-102.8870268	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47764514	-103.0009043	12	36	OM3	E-W	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
BIA 2	43.47765716	-102.8776974	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 2			
BIA 2	43.47765862	-102.8782648	36	36	W8-3	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Pavement Ends			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
3/9/2023
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	81	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 2	43.47766864	-102.9150691	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47767056	-102.9151268	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.4777104	-102.9312677			W14-3	West	D/S			1			REM	2	No Passing Zone			
BIA 2	43.47771681	-102.957746			W14-3	West	D/R			1			REM	2	No Passing Zone			
BIA 2	43.47772705	-102.9646113	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47772803	-102.9526779	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47773482	-103.0008577	12	36	OM3	E-W	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
BIA 2	43.47773705	-102.9823321	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.4777371	-102.8768922			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 41			
BIA 2	43.4777371	-102.8768922	36	12	D3-1a	N-S	R/R	3	IV	2					Street Name with BIA Arrowhead: BIA 2	Mount below Street Signs		
BIA 2	43.4777378	-102.9575195	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.4777378	-102.9574472	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47775326	-102.9997912	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 2	43.47775513	-103.000278	24	30	BIA Rt	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 2			
BIA 2	43.47775513	-103.000278	24	12	M4-6P	East	NEW	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
BIA 2	43.477757	-103.0007675	66	18	I2-1	East	NEW	8.3	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Jurisdictional Boundary: SS12.2 - Leaving Oglala Lakota Nation			
BIA 2	43.47775912	-102.9817897			W14-3	West	D/R			1			REM	2	No Passing Zone			
BIA 2	43.47775949	-102.9805017	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.47775964	-102.9804404	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 2	43.4777741	-102.9860943	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 21	43.34226392	-102.2091496	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 21	43.34226392	-102.2091496	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under No Traffic SignsSpecial Detail L01		
BIA 21	43.34739793	-102.209276			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Hinhan Luta Dr			
BIA 21	43.34739793	-102.209276	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: BIA 21	Mount abover other Street Signs		
BIA 21	43.34804746	-102.209125	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
BIA 21	43.34804746	-102.209125	18	18	W13-1P	South	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Reverse CurveSpecial Detail L01		
BIA 21	43.34893257	-102.2091404	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 540ft, C=135ft		



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PH 8057(04)	82	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 21	43.34893257	-102.2091404	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 540ft, S=70ft, delineators along tangents only		
BIA 21	43.3499201	-102.2081058	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 550ft, C=100ft		
BIA 21	43.3499201	-102.2081058	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 550ft, S=60ft, delineators along tangents only		
BIA 21	43.3506329	-102.2080658	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
BIA 21	43.3506329	-102.2080658	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Reverse CurveSpecial Detail L01		
BIA 21	43.35105569	-102.2078811	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 21	43.35152665	-102.2078395	30	30	W1-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 21	43.35181716	-102.2078246	30	30	SS1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 21	43.35200434	-102.2078372	4	4	DelW	N-S	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 1601ft, S=45ft		
BIA 21	43.3520815	-102.207994			BIA Rt.	North	D/R			1			REM	1	BIA Route Marker: 21			
BIA 21	43.35216984	-102.2080074	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 21	43.35224689	-102.2080252	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 21	43.35226246	-102.2078906	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 21	43.35236791	-102.2080608	30	30	SS1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A, limited space place 50ft in advance		
BIA 21	43.35248487	-102.2081016	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 21			
BIA 21	43.35259506	-102.2081402	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 21	43.35268692	-102.2079738	30	30	R1-1	South	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 21	43.35268692	-102.2079738			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 21	43.35269609	-102.2079933			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
BIA 21	43.35270961	-102.2079631			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
BIA 231	43.48522385	-102.4938318	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 231	43.48525276	-102.4936251	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 231	43.48532135	-102.4937599	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 231	43.48538247	-102.4938951	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 231	43.48543926	-102.4943256	30	30	SS1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 231	43.49173137	-102.4993583	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 231	43.49178805	-102.4992313	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	83	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 231	43.49212675	-102.4994721	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 24	43.2781449	-102.4842891	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 830ft, S=95ft		
BIA 24	43.27829429	-102.4863502			W1-4L	West	IN PL			1			IN PL	1	Horizontal Alignment - Left Reverse Curve			
BIA 24	43.27847386	-102.4829454	30	30	W2-7R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Offset Side Roads			
BIA 24	43.27860428	-102.4824222	42	12	D3-1a	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name with BIA Arrowhead: BIA 24	Mount at Top		
BIA 24	43.27860428	-102.4824222	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Sunka Wakan Rd	Mount at Bottom		
BIA 24	43.27903982	-102.4917467			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.27911436	-102.4923719			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.27925273	-102.4934776			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.27938954	-102.494738			OM2-2V	E-W	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 24	43.27952611	-102.4946857			OM2-2V	E-W	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 24	43.27983157	-102.49661			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28004741	-102.4969319			W1-2R	East	IN PL			1			IN PL	1	Horizontal Alignment - Right Curve			
BIA 24	43.28013053	-102.4976426	4	4	DelW	E-W	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1460ft, S=120ft		
BIA 24	43.28019545	-102.4979593			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28035474	-102.498227			W1-2L	West	IN PL			1			IN PL	1	Horizontal Alignment - Left Curve			
BIA 24	43.28121019	-102.5002116			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28243944	-102.5025593			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.28261101	-102.5026936			W1-2L	South	IN PL			1			IN PL	1	Horizontal Alignment - Left Curve			
BIA 24	43.28286457	-102.5033179	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 960ft, S=95ft		
BIA 24	43.28292087	-102.5041647			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28292133	-102.5040249			W1-2R	West	IN PL			1			IN PL	1	Horizontal Alignment - Right Curve			
BIA 24	43.2830891	-102.5051454			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28313716	-102.506503			R2-1	West	IN PL			1			IN PL	1	Speed Limit - 45 mph			
BIA 24	43.28329526	-102.5072049			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28329847	-102.506329			R2-1	East	IN PL			1			IN PL	1	Speed Limit - 35 mph			
BIA 24	43.28336451	-102.5072632	30	30	W1-4R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
3/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	84	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 24	43.28338923	-102.5077757			OM2-2V	N-S	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28357908	-102.5084268			W1-8	N-S	IN PL			10			IN PL	5	Chevron Alignment	leave chevrons along curve in place		
BIA 24	43.28357908	-102.5084268	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 590ft, S=65ft, delineators along tangents only		
BIA 24	43.28520831	-102.5095658	4	4	DelW	N-S	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius. 650ft, S=75ft		
BIA 24	43.28546881	-102.5100907			W1-4R	West	IN PL			1			IN PL	1	Horizontal Alignment - Right Reverse Curve			
BIA 24	43.28635269	-102.5113941			OM2-2V	N-S	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28802195	-102.5136409	30	30	W1-4L	East	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Reverse Curve	existing sign is W1-2L		
BIA 24	43.28845278	-102.5166144	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 1015ft, S=95ft, no delineators along East tangent		
BIA 24	43.28851595	-102.5171867	30	30	W1-4L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			
BIA 24	43.28854185	-102.5153562			W1-2R	West	D/S			1			REM	1	Horizontal Alignment - Right Curve			
BIA 24	43.28857217	-102.5145206	4	4	DelW	E-W	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 510ft, S=65ft - no delineators along West tangent		
BIA 24	43.28869323	-102.5184098			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.28993726	-102.5235217	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 490ft, S=80ft, no delineators along West tangent		
BIA 24	43.28996084	-102.5230165			W1-5R	East	IN PL			1			IN PL	1	Horizontal Alignment - Winding Road Right			
BIA 24	43.29025573	-102.5238836	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 24	43.29039228	-102.5287332	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 620ft, S=65ft, no delineators along East tangent		
BIA 24	43.29046176	-102.5251791			OM2-2V	South	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.29050981	-102.5245973	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 24	43.29059156	-102.5245212	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 24	43.29066656	-102.5252365	30	30	SS1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 24	43.29077713	-102.5251825	4	4	DelW	E-W	NEW	0.1	XI	14	1.12 Lb/Ft	U-CHANNEL	NEW	7	4"x4" White Delineator Back to Back	Radius: 530ft, S=65ft, no delineators along tangents		
BIA 24	43.29156274	-102.531345	30	30	W1-5L	North	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Winding Road Left			
BIA 24	43.29446475	-102.5349458	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 24	43.29452718	-102.5347363	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 24	43.29695147	-102.536877			W1-2L	South	IN PL			1			IN PL	1	Horizontal Alignment - Left Curve			
BIA 24	43.29830054	-102.5386718	4	4	DelW	E-W	NEW	0.1	XI	24	1.12 Lb/Ft	U-CHANNEL	NEW	12	4"x4" White Delineator Back to Back	Radius: 1435ft, S=110ft, no delineators along north tangent		
BIA 24	43.29899831	-102.5403633			W1-2R	West	IN PL			1			IN PL	1	Horizontal Alignment - Right Curve			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 24	43.29929263	-102.5420138			W1-4L	East	IN PL			1			IN PL	1	Horizontal Alignment - Left Reverse Curve			
BIA 24	43.2994189	-102.5444561	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 450ft, S=65ft, no delineators along East tangent		
BIA 24	43.29952196	-102.5430222	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 670ft, S=80ft, no delineators along West tangent		
BIA 24	43.29975006	-102.5457031			W1-4L	West	IN PL			1			IN PL	1	Horizontal Alignment - Left Reverse Curve			
BIA 24	43.30063544	-102.5489103			W1-5R	East	IN PL			1			IN PL	1	Horizontal Alignment - Winding Road Right			
BIA 24	43.30063544	-102.5489103			W7-3aP	East	IN PL			1					Next XX Miles (plaque): NEXT 1 MILE	Mount under Winding RoadSpecial Detail L01		
BIA 24	43.30068473	-102.5496652	4	4	DelW	E-W	NEW	0.1	XI	14	1.12 Lb/Ft	U-CHANNEL	NEW	7	4"x4" White Delineator Back to Back	Radius: 1350ft, S=100ft, no delineators along West tangent		
BIA 24	43.30124249	-102.5507764			OM2-2V	E-W	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.30220345	-102.5525859	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 1430ft, S=105ft, no delineators along tangents		
BIA 24	43.30292559	-102.5564014	4	4	DelW	E-W	NEW	0.1	XI	14	1.12 Lb/Ft	U-CHANNEL	NEW	7	4"x4" White Delineator Back to Back	Radius: 770ft, S=85ft, no delineators along tangents		
BIA 24	43.30487679	-102.5580722			OM2-2V	N-S	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.30559638	-102.558864	4	4	DelW	N-S	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 755ft, S=75ft, no delineators along tangents		
BIA 24	43.30617606	-102.5640746			OM2-2V	N-S	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
BIA 24	43.30642951	-102.5641018	4	4	DelW	E-W	NEW	0.1	XI	26	1.12 Lb/Ft	U-CHANNEL	NEW	13	4"x4" White Delineator Back to Back	Radius: 805ft, S=85ft, no delineators along East tangent		
BIA 24	43.3076689	-102.5649252			W1-5L	North	IN PL			1			IN PL	1	Horizontal Alignment - Winding Road Left			
BIA 24	43.3076689	-102.5649252			W7-3aP	North	IN PL			1					Next XX Miles (plaque): Next 1 Mile			
BIA 24	43.30935337	-102.5655374	30	30	W1-5L	South	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Winding Road Left	Existing sign is W1-4L		
BIA 24	43.30981792	-102.5658071	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 620ft, S=75ft, no delineators along North tangent		
BIA 24	43.31106586	-102.5674064			OM2-2V	N-S	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 24	43.31112827	-102.5671969			OM2-2V	N-S	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 24	43.31161307	-102.5677444	4	4	DelW	N-S	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 580ft, S=75ft, no delineators along tangents		
BIA 24	43.31194943	-102.567989			OM2-2V	N-S	IN PL			4			IN PL	2	Object Marker Type 2			
BIA 24	43.31248538	-102.5679614			W1-4L	North	D/S			1			REM	1	Horizontal Alignment - Left Reverse Curve			
BIA 24	43.31280249	-102.5677499			R2-1	South	IN PL			1			IN PL	1	Speed Limit - 25 mph			
BIA 24	43.31281674	-102.5681629			R2-1	North	IN PL			1			IN PL	1	Speed Limit - 35 mph			
BIA 24	43.31321469	-102.567782			W1-2L	South	D/S			1			REM	1	Horizontal Alignment - Left Curve			
BIA 24	43.31372374	-102.5684232	54	21	D3-1a	N-S	NEW	7.9	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name (2 Lines) with BIA Arrowhead: SS8.2 - Fire Thunder Rd			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	86	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 24	43.31372374	-102.5684232	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 24	Mount under Street Signs		
BIA 24	43.31384572	-102.5682225	4	4	DelW	N-S	NEW	0.1	XI	22	1.12 Lb/Ft	U-CHANNEL	NEW	11	4"x4" White Delineator Back to Back	Radius: 370ft, S=55ft, no delineators along South tangent		
BIA 25	43.41925533	-102.2018324	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 25	43.41925533	-102.2018324			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 25	43.41930572	-102.2021675	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 25	43.41930572	-102.2021675			DelWT		R/R		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 25	43.41944158	-102.2019353			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: BIA 2	Mount at Top		
BIA 25	43.41944158	-102.2019353	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount Below Street Signs		
BIA 25	43.41952172	-102.2021492	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 25			
BIA 25	43.41964915	-102.202358			R4-2	South	D/S			1			REM	1	Pass With Care			
BIA 25	43.42001858	-102.2030046			BIA Rt.	South	D/R			1			REM	1	BIA Route Marker: 25			
BIA 25	43.42016868	-102.2039058	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 2			
BIA 25	43.42016868	-102.2039058	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 25	43.42049848	-102.2040679	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 35 mph			
BIA 25	43.42092086	-102.2053552	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42105089	-102.2052149	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42145856	-102.2055789			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.42157033	-102.2067183	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42159069	-102.2067494			OM2-2V	N-S	D/S			2			REM	1	Object Marker Type 2	signs will be reset at end of structure		
BIA 25	43.4216029	-102.2068099			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42180381	-102.2066415			OM2-2V	N-S	D/S			2			REM	1	Object Marker Type 2	signs will be reset at end of structure		
BIA 25	43.42183094	-102.2065913	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42186351	-102.2066828			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42240487	-102.2083991			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 25	43.42350982	-102.2098708	30	30	W1-4R	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Reverse Curve			
BIA 25	43.42550611	-102.2129506	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.42556874	-102.2127073	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			

PROFESSIONAL ENGINEER
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ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	87	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 25	43.42730135	-102.2136839	4	4	DelW	N-S	NEW	0.1	XI	56	1.12 Lb/Ft	U-CHANNEL	NEW	28	4"x4" White Delineator Back to Back	Radius: 1885ft, S=130ft		
BIA 25	43.4305312	-102.2125624			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.43061429	-102.2127705			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.43338227	-102.2107602	54	12	D3-1	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Ferguson Ln			
BIA 25	43.43338227	-102.2107602	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
BIA 25	43.43384674	-102.2101068	4	4	DelW	N-S	NEW	0.1	XI	30	1.12 Lb/Ft	U-CHANNEL	NEW	15	4"x4" White Delineator Back to Back	Radius: 2003ft, S=130ft		
BIA 25	43.43488459	-102.2102516	42	21	D3-1	N-S	NEW	6.1	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name (2 Lines): SS7.5 - Terryl M. Blue St	Mount at Top		
BIA 25	43.43488459	-102.2102516	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Sign		
BIA 25	43.43526998	-102.2100571					N/S						REM	1				
BIA 25	43.43555225	-102.2102021	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
BIA 25	43.43640611	-102.2098231	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Paint Horse Rd			
BIA 25	43.43640611	-102.2098231	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: BIA 25	Mount under Paint Horse Rd		
BIA 25	43.43737692	-102.2099546			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.43738124	-102.2102426			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.43855817	-102.2101904			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 25	43.43855817	-102.2101904			R4-2	North	D/R			1					Pass With Care	mounted on same assembly as No Passing Zone		
BIA 25	43.43856383	-102.2099511	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 25	43.43929021	-102.2099386	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 26			
BIA 25	43.43929021	-102.2099386	21	15	M6-1PR	South	NEW	2.2	IV	1					Directional Arrow - Right Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 25	43.43929021	-102.2099386	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 25	43.43958064	-102.2102506	24	30	R2-1	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 35 mph			
BIA 25	43.44073515	-102.2099511			R2-1	South	D/R			1			REM	1	Speed Limit - 25 mph			
BIA 25	43.44073515	-102.2099511	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 35 mph			
BIA 25	43.44110686	-102.2102221	24	30	BIA Rt.	North	R/S	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 26			
BIA 25	43.44110686	-102.2102221	21	15	M6-1PL	North	R/S	2.2	IV	1					Directional Arrow - Left Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 25	43.44110686	-102.2102221	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 25	43.44137592	-102.2102114			W2-2L	North	D/S			1			REM	1	Intersection Warning - Left Side Road			

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BIA 25	43.44168087	-102.2099935			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.44177596	-102.2102373	30	30	W2-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Read			
BIA 25	43.44383004	-102.2103045	42	12	D3-1	N-S	R/R	3.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Tahca Dr			
BIA 25	43.44383004	-102.2103045	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
BIA 25	43.4439617	-102.2099736			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.4439726	-102.2102103			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.44475381	-102.2102826	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Hehaka Dr			
BIA 25	43.44475381	-102.2102826	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
BIA 25	43.44637645	-102.2099851			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.44880296	-102.2102317	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 35 mph			
BIA 25	43.44881033	-102.2099702	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
BIA 25	43.4503711	-102.210215			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.45038829	-102.2100305			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.45240609	-102.2102132			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 25	43.45340567	-102.2102047			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.45343214	-102.210047			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.45531691	-102.2102476			R4-2	North	D/S			1			REM	1	Pass With Care			
BIA 25	43.45533253	-102.209966					N/S						REM	1				
BIA 25	43.45800163	-102.2100429			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.46124561	-102.2102667			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.46430921	-102.2102622			R2-1	North	D/R			1			REM	1	Speed Limit - 35 mph			
BIA 25	43.46547868	-102.2100004			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
BIA 25	43.46549478	-102.2101968			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
BIA 25	43.466158	-102.2100137			R2-1	South	D/S			1			REM	1	Speed Limit - 25 mph			
BIA 25	43.466158	-102.2100137			R4-2	South	D/S			1					Pass With Care	mounted on same post as speed limit sign		
BIA 25	43.46784763	-102.2100331	30	30	W1-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 25	43.46865846	-102.2100816			DelW	N-S	D/R			14			REM	7	4"x4" White Delineator Back to Back	remove existing delineators along outside of curve		

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BIA 25	43.46866723	-102.2103504			DelW	N-S	D/R			20			REM	10	4"x4" White Delineator Back to Back	remove existing delineators along inside of curve		
BIA 25	43.47037859	-102.2106906	4	4	DelW	N-S	NEW	0.1	XI	34	1.12 Lb/Ft	U-CHANNEL	NEW	17	4"x4" White Delineator Back to Back	Radius: 1924ft, S=130ft		
BIA 25	43.47146781	-102.2121873			W1-2R	North	R/S/S			1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Curve			
BIA 25	43.47211008	-102.2125441			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.47212096	-102.2125759			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.47336556	-102.2143918			OM2-2V	N-S	IN PL			2			IN PL	1	Object Marker Type 2			
BIA 25	43.47385159	-102.2149437			W14-3	South	D/S			1			REM	2	No Passing Zone			
BIA 25	43.47402029	-102.2151	54	12	D3-1L	South	R/R	4.5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with Left Arrow: SS3.9 - Greyhorse St	Mount under Street Signs		
BIA 25	43.47402029	-102.2151	54	12	D3-1R	North	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.6 - Greyhorse St	Mount under Street Signs		
BIA 25	43.47402029	-102.2151	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount Below Street Sign		
BIA 25	43.47402029	-102.2151	54	12	D3-1L	North	NEW	4.5	IV	1					Street Name with Left Arrow: SS3.3 - Apple Ln	Mount under Street Signs		
BIA 25	43.47402029	-102.2151	54	12	D3-1R	South	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.3 - Apple Ln	Mount under Street Signs		
BIA 25	43.47404145	-102.2147222			D3-1	North	D/R			2			REM	1	Street Name: Apple Ln			
BIA 25	43.47525859	-102.2160331	36	36	W1-10R	South	R/S	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Combination Right Curve/Intersection			
BIA 25	43.47601201	-102.2170821			R4-2	South	D/S			1			REM	1	Pass With Care			
BIA 25	43.47601361	-102.2170743			DelW	N-S	D/S			10			REM	5	4"x4" White Delineator Back to Back	remove existing delineators along inside of the curve		
BIA 25	43.4769533	-102.2180056	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: BIA 101			
BIA 25	43.4769533	-102.2180056	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
BIA 25	43.47716211	-102.2179846			R4-2	North	D/S			1			REM	1	Pass With Care			
BIA 25	43.47727936	-102.2181093	4	4	DelW	N-S	NEW	0.1	XI	34	1.12 Lb/Ft	U-CHANNEL	NEW	17	4"x4" White Delineator Back to Back	Radius: 1870ft, S=125ft		
BIA 25	43.47909848	-102.2184366	36	36	W1-10L	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
BIA 25	43.47918648	-102.2180338			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.48383859	-102.218355			W14-3	South	D/S			1			REM	2	No Passing Zone			
BIA 25	43.4845517	-102.2182286	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.48456413	-102.2184542	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 25	43.48531078	-102.2182335			R4-2	South	D/S			1			REM	1	Pass With Care			
BIA 25	43.48650281	-102.2183903			R4-2	North	D/R			1			REM	1	Pass With Care			



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BIA 25	43.48728126	-102.2182623	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.48728945	-102.2184104	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.48731313	-102.2182573	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.48732101	-102.2184164	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.4876783	-102.2186051			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Redhorse St			
BIA 25	43.4876783	-102.2186051	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: BIA 25	Mount under Street Signs		
BIA 25	43.48857642	-102.2179194			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 25	43.49035286	-102.2182136			W14-3	South	D/S			1			REM	2	No Passing Zone			
BIA 25	43.49285473	-102.2176252			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Blackhorse St			
BIA 25	43.49285473	-102.2176252	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
BIA 25	43.49379445	-102.2173377			R4-2	North	D/S			1			REM	1	Pass With Care			
BIA 25	43.49457292	-102.2169241	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.4945884	-102.2170697	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49460752	-102.2169153	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49462299	-102.2170609	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49512288	-102.2167855	36	36	W1-10L	South	R/S	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Combination Left Curve/Intersection			
BIA 25	43.49653701	-102.2168911	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49654426	-102.2166212	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49656599	-102.2168902	6	12	OM2-2V	E-W	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.49657016	-102.2166226	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.4978089	-102.2169969	4	4	DelW	N-S	NEW	0.1	XI	34	1.12 Lb/Ft	U-CHANNEL	NEW	17	4"x4" White Delineator Back to Back	Radius: 1850ft, S=125ft		
BIA 25	43.4992574	-102.2182987	36	36	W1-10R	North	R/S	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Combination Right Curve/Intersection			
BIA 25	43.50103703	-102.219844	30	30	W1-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 25	43.50207437	-102.2209508	4	4	DelW	N-S	NEW	0.1	XI	26	1.12 Lb/Ft	U-CHANNEL	NEW	13	4"x4" White Delineator Back to Back	Radius: 2970ft, S=135ft		
BIA 25	43.5021454	-102.2205957			R4-2	South	D/S			1			REM	1	Pass With Care			
BIA 25	43.50339664	-102.2217096	30	30	W1-2L	North	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Curve			
BIA 25	43.50533517	-102.2222169			W14-3	North	D/R			1			REM	2	No Passing Zone			



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BIA 25	43.50603211	-102.2228919	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.50610526	-102.222915	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.50615135	-102.2222945	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.50621506	-102.2223259	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
BIA 25	43.50667589	-102.2225559			DelW	N-S	D/R			10			REM	5	4"x4" White Delineator Back to Back			
BIA 25	43.50673265	-102.2227563	36	36	W8-8	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Rough Road			
BIA 25	43.50673265	-102.2227563	24	12	W16-9P	South	NEW	2	XI	1					Ahead (plaque) - Yellow	Mount under Rough RoadSpecial Detail L01		
BIA 25	43.50730627	-102.2229657	30	30	W1-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 25	43.50730627	-102.2229657	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Left Curve		
BIA 25	43.50731033	-102.2231411	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
BIA 25	43.5076063	-102.2230298			W8-8	South	D/S			1			REM	1	Rough Road			
BIA 25	43.50787316	-102.223391	24	30	BIA Rt.	North	R/S	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 25			
BIA 25	43.50787316	-102.223391	24	12	M4-14P	North	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
BIA 25	43.50791974	-102.2231997	24	30	BIA Rt.	South	R/S	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 25			
BIA 25	43.50791974	-102.2231997	24	12	M4-6P	South	NEW	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
BIA 29	43.01742877	-102.4375773	36	36	W8-3	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Pavement Ends			
BIA 29	43.01743943	-102.4358338	18	24	W1-8	N-S	NEW	3	XI	10	2" 12 Gauge	SQ TUBE	NEW	6	Chevron Alignment	Radius: 180ft, C=40ft		
BIA 29	43.01743943	-102.4358338	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 180ft, S=25ft		
BIA 29	43.0187689	-102.4359498	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
BIA 29	43.0187689	-102.4359498	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Right Turn Special Detail L01		
BIA 29	43.02517124	-102.4359215			W13-1P	North	D/R			1			REM	1	25 mph Advisory Speed (plaque)			
BIA 29	43.02567081	-102.4357653	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.02567429	-102.4359776	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.02568977	-102.4357642	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.02569397	-102.435976	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.02706018	-102.4359261			W14-3	South	IN PL			1			IN PL	2	No Passing Zone			
BIA 29	43.0317505	-102.435956	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	92	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 29	43.0334395	-102.4358288			W14-3	North	IN PL			1			IN PL	2	No Passing Zone			
BIA 29	43.0334395	-102.4358288			W8-8	South	D/S			1					Rough Road	Mounted under No Passing Zone		
BIA 29	43.03453193	-102.4360048			W13-1P	North	D/R			1			REM	1	25 mph Advisory Speed (plaque)			
BIA 29	43.03453193	-102.4360048			S4-3P	North	D/R			1					School (plaque)			
BIA 29	43.03630617	-102.4359849	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.03631668	-102.4358051	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.0363293	-102.4359864	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.0363377	-102.4358066	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.04315434	-102.4359721	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 29	43.04315758	-102.4358377	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 29	43.0448678	-102.435782	24	24	M1-4	South	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	U.S. Route (1, 2 digits): US 18			
BIA 29	43.0448678	-102.435782	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque): US/State Route Assembly	mount above route sign		
BIA 29	43.04562499	-102.4360781			R2-1	North	IN PL			1			IN PL	1	Speed Limit - 35 mph			
BIA 29	43.04614252	-102.4360405	24	30	BIA Rt	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 29			
BIA 29	43.04632952	-102.4361157			D3-1	N-S	IN PL			2			IN PL	1	Street Name: US 18			
BIA 29	43.04632952	-102.4361157	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 29	Mount under Street Signs		
BIA 29	43.04638066	-102.435659	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 29	43.04638066	-102.435659			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 30	43.11844173	-102.6475101	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 30	43.11844173	-102.6475101			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 30	43.1186403	-102.6473851	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street SignsSpecial Detail L42		
BIA 30	43.1186403	-102.6473851	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount on Top		
BIA 30	43.1186403	-102.6473851	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 30	Mount above Stop Sign		
BIA 30	43.1186403	-102.6473851			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 30	43.11892685	-102.6472507	30	30	W14-2	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 30	43.12013423	-102.6478203	30	30	W3-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 30	43.12125005	-102.6480669	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			

PROFESSIONAL ENGINEER
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TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 93 | TOTAL SHEETS: 168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 30	43.12125005	-102.6480669	24	18	W7-3aP	South	NEW	3	XI	1					Next XX Miles (plaque): Next 1 Mile	mount below curve sign		
BIA 30	43.12125005	-102.6480669	18	18	W13-1P	South	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	mount below curve sign		
BIA 30	43.12203159	-102.6483764	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 415ft, C=95ft		
BIA 30	43.12203159	-102.6483764	4	4	DelW	N-S	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 415ft, S=55ft, delineators only along south tangent		
BIA 30	43.12271461	-102.6479497	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 230ft, C=40ft		
BIA 30	43.12420286	-102.6480947	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 350ft, C=60ft		
BIA 30	43.12487798	-102.6486543	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 350ft, C=80ft		
BIA 30	43.12487798	-102.6486543	4	4	DelW	N-S	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 350ft, S=50ft, delineators only along north tangent		
BIA 30	43.12747889	-102.6467717	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 500ft, C=80ft		
BIA 30	43.12747889	-102.6467717	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 500ft, S=60ft, delineators along tangents only		
BIA 30	43.1299901	-102.6461537	18	24	W1-8	N-S	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 420ft, C=125ft		
BIA 30	43.1299901	-102.6461537	4	4	DelW	N-S	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 420ft, S=60ft, delineators only along south tangent		
BIA 30	43.13027974	-102.6464617	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 30	43.13027974	-102.6464617	24	18	W7-3aP	North	NEW	3	XI	1					Next XX Miles (plaque): Next 1 Mile	mount below curve sign		
BIA 30	43.13027974	-102.6464617	18	18	W13-1P	North	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	mount below curve sign		
BIA 30	43.13065171	-102.646512	42	12	D3-1a	E-W	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name with BIA Arrowhead: BIA 30			
BIA 30	43.13065171	-102.646512	54	21	D3-1L	South	NEW	7.9	IV	1					Street Name with Left Arrow: SS3.4 - Bear West Rd	Mount at Bottom		
BIA 30	43.13065171	-102.646512	54	12	D3-1R	South	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.7 - Janis Dr	Mount at Bottom		
BIA 31	43.10910087	-102.6335338	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 31	43.10910087	-102.6335338			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 31	43.10933313	-102.6333998	30	30	R1-1	East	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount below Street Signs		
BIA 31	43.10933313	-102.6333998			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 31	43.10933314	-102.6333998	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount above Stop Sign		
BIA 31	43.10933314	-102.6333998	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 31	Mount above Stop Sign		
BIA 31	43.10948122	-102.6331544	30	30	W14-2	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	No Outlet			
BIA 31	43.11752214	-102.6324906	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
BIA 31	43.11752214	-102.6324906	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount below Right TurnSpecial Detail L01		

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 31	43.11833151	-102.6325316	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
BIA 31	43.11833151	-102.6325316	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
BIA 31	43.11833151	-102.6325316	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 50ft, S=20ft, delineators along tangents only		
BIA 31	43.11839611	-102.6312304	30	30	W1-1L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
BIA 31	43.11839611	-102.6312304	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount below Left TurnSpecial Detail L01		
BIA 31	43.11839627	-102.6288008	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Deer Butte Ln			
BIA 31	43.11839627	-102.6288008	54	12	D3-1L	North	NEW	4.5	IV	1					Street Name with Left Arrow: SS3.10 - Redtail Ln	Mount under Street Names		
BIA 31	43.11839627	-102.6288008	54	12	D3-1a	North	NEW	4.5	IV	1					Street Name with Right Arrow and BIA Arrowhead: SS6.2 BIA 31	Mount under Street Names		
BIA 31	43.11839627	-102.6288008	54	12	D3-1R	South	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.9 - Redtail Ln	Mount under Street Names		
BIA 31	43.11839627	-102.6288008	54	12	D3-1a	South	NEW	4.5	IV	1					Street Name with Left Arrow and BIA Arrowhead: SS4.2 - BIA 31	Mount under Street Names		
BIA 3202	43.07127087	-102.7989858	4	4	DelW	E-W	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1690ft, S=130ft		
BIA 3202	43.07167547	-102.7933788	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 3202	43.07171857	-102.7900001			R1-1	West	IN PL			1			IN PL	1	Stop			
BIA 3202	43.07171857	-102.7900001			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 3202	43.07174123	-102.792574	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 32			
BIA 3202	43.07174123	-102.792574	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 3202	43.07179637	-102.7919386	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07179637	-102.7919386	18	18	W13-1P	West	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L02		
BIA 3202	43.07179711	-102.7897971			W1-7	West	IN PL			1			IN PL	2	Large Arrow (2-direction)			
BIA 3202	43.07179711	-102.7897971			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 3202	43.07185169	-102.7900569			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 32			
BIA 3202	43.07185169	-102.7900569	54	12	D3-1a	N-S	R/R	4.5	IV	2					Street Name with BIA Arrowhead: BIA 3202	Mount under Street Signs		
BIA 3202	43.07185465	-102.7903019	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 3202			
BIA 3202	43.07186898	-102.8033976	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07186898	-102.8033976	18	18	W13-1P	East	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Right Curve Special Detail L02		
BIA 3202	43.07191494	-102.7905963	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07191494	-102.7905963	18	18	W13-1P	East	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount below Left CurveSpecial Detail L02		

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 3202	43.07197214	-102.7912588	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 605ft, C=55ft		
BIA 3202	43.07197214	-102.7912588	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 605ft, S=85ft, delineators only along west tangent		
BIA 3202	43.07198828	-102.8045872	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius:715ft, C=140ft		
BIA 3202	43.07198828	-102.8045872	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 715ft, S=70ft, delineators along tangents only		
BIA 3202	43.07250528	-102.8054647	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07250528	-102.8054647	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Left Curve Special Detail L02		
BIA 3202	43.07465884	-102.809007	4	4	DelW	E-W	NEW	0.1	XI	36	1.12 Lb/Ft	U-CHANNEL	NEW	18	4"x4" White Delineator Back to Back	Radius: 2170ft, S=140ft		
BIA 3202	43.07497903	-102.8120745	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 3202	43.07498101	-102.8119649	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 3202	43.07498923	-102.8120124			OM3-R	E-W	D/R			2			REM	1	Object Marker Type 3 - Right			
BIA 3202	43.07500705	-102.8197233	4	4	DelW	E-W	NEW	0.1	XI	4	1.12 Lb/Ft	U-CHANNEL	NEW	2	4"x4" White Delineator Back to Back	Start of Delineation (Spacing Approx. 60ft)		
BIA 3202	43.0750117	-102.8193915	4	4	DelW	E-W	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back	End of Delineation (Spacing Approx. 60ft)		
BIA 3202	43.07505469	-102.8234338	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 865ft, S=80ft		
BIA 3202	43.07507977	-102.8174004	4	4	DelW	E-W	NEW	0.1	XI	4	1.12 Lb/Ft	U-CHANNEL	NEW	2	4"x4" White Delineator Back to Back	Start of Delineation (Spacing Approx. 60ft)		
BIA 3202	43.07508283	-102.8120163	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 3202	43.07508283	-102.8118959	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 3202	43.07508441	-102.8170686	4	4	DelW	E-W	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back	End of Delineation (Spacing Approx. 60ft)		
BIA 3202	43.07508703	-102.8119581			OM3-L	E-W	D/R			2			REM	1	Object Marker Type 3 - Left			
BIA 3202	43.0750904	-102.8119226			OM2-2V	E-W	D/R			1			REM	1	Object Marker Type 2			
BIA 3202	43.07512012	-102.822376	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07512012	-102.822376	18	18	W13-1P	East	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount Below Right CurveSpecial Detail L02		
BIA 3202	43.07527843	-102.8242849	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		
BIA 3202	43.07527843	-102.8242849	18	18	W13-1P	West	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount Below Left CurveSpecial Detail L02		
BIA 3202	43.07535203	-102.8239881	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 3202	43.07535203	-102.8239881	21	15	M2-1P	East	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 3202	43.07568388	-102.8253684	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 3202			
BIA 3202	43.07573864	-102.8256013	54	12	D3-1a	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: BIA 3202			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 3202	43.07573864	-102.8256013	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 41			
BIA 3202	43.07587611	-102.8254461	30	30	R1-1	East	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 3202	43.07587611	-102.8254461			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 3202	43.07591815	-102.8257742	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 3202	43.07591815	-102.8257742			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 33	43.07723509	-102.5813931			D3-1	E-W	IN PL			2			IN PL	1	Street Name: US 18			
BIA 33	43.07723509	-102.5813931	42	12	D3-1a	N-S	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 33	Mount under Street Signs		
BIA 33	43.07733867	-102.5815419	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 33	43.07733867	-102.5815419			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 33	43.07735819	-102.5812316	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 33	43.07735819	-102.5812316	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 33	43.07735819	-102.5812316	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 33	43.07849419	-102.579515	30	30	W3-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 33	43.08175229	-102.5761321	30	30	W1-5L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 33	43.08175229	-102.5761321	24	18	W7-3aP	South	NEW	3	XI	1					Next XX Miles (plaque); Next 10 Miles	Mount below Winding RoadSpecial Detail L01		
BIA 33	43.08276277	-102.5728991			D3-1	N-S	D/R			2			REM	1	Street Name: Catches Ln			
BIA 33	43.08297749	-102.5727115	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Catches Ln			
BIA 33	43.08297749	-102.5727115	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 33	Mount under Street Signs		
BIA 33	43.08695099	-102.5713067	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.08695147	-102.5714988	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.12084487	-102.5233629	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.12088495	-102.5234965	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.14363588	-102.5116289	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.14366214	-102.5116981	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.1505415	-102.5078191			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
BIA 33	43.17138978	-102.5037696	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.17143476	-102.5038666	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		



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BIA 33	43.18027364	-102.5022162	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.18028103	-102.5023228	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.19116642	-102.5023705	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.1911673	-102.5024148	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 33	43.19539717	-102.5032223	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 33	43.19539717	-102.5032223	24	18	W7-3aP	North	NEW	3	XI	1					Next XX Miles (plaque): Next 10 Miles	Mount under Winding RoadSpecial Detail L01		
BIA 33	43.19610946	-102.5031176	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 33	43.19610946	-102.5031176	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 33	43.19610946	-102.5031176	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 33	43.19623798	-102.5029613	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 35 mph			
BIA 33	43.19670668	-102.5028043			R2-1	South	D/S			1			REM	1	Speed Limit - 35 mph			
BIA 33	43.19718234	-102.5031614	36	36	W8-8	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Rough Road			
BIA 33	43.19718234	-102.5031614	24	12	W16-9P	North	NEW	2	XI	1					Ahead (plaque) - Yellow	Mount under Rough RoadSpecial Detail L01		
BIA 33	43.19859531	-102.5028574	4	4	DelW	N-S	NEW	0.1	XI	32	1.12 Lb/Ft	U-CHANNEL	NEW	16	4"x4" White Delineator Back to Back	Radius: 1890ft, S=130ft		
BIA 33	43.19975018	-102.5021227			W14-3	South	D/R			1			REM	1	No Passing Zone			
BIA 33	43.20280606	-102.4988452			W14-3	North	D/R			1			REM	1	No Passing Zone			
BIA 33	43.20886646	-102.4925961	4	4	DelW	N-S	NEW	0.1	XI	30	1.12 Lb/Ft	U-CHANNEL	NEW	15	4"x4" White Delineator Back to Back	Radius: 1274ft, S=100ft		
BIA 33	43.20994797	-102.4891597	36	36	W1-10L	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
BIA 33	43.21073025	-102.4874584	4	4	DelW	N-S	NEW	0.1	XI	28	1.12 Lb/Ft	U-CHANNEL	NEW	14	4"x4" White Delineator Back to Back	Radius: 1010ft, S=100ft		
BIA 33	43.21179129	-102.4868535	36	36	W1-10R	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
BIA 33	43.22013098	-102.4820272	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Whitehorse Ln			
BIA 33	43.22013098	-102.4820272	42	12	D3-1a	N-S	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 33	Mount under Street Signs		
BIA 33	43.22463247	-102.4791458	4	4	DelW	N-S	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1892ft, S=145ft		
BIA 33	43.2303402	-102.4717668					N/S						REM	1				
BIA 33	43.23045213	-102.4714432	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 28			
BIA 33	43.23045213	-102.4714432	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque): US/State Route Assembly	mount above route sign		
BIA 33	43.23109472	-102.470572	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 28			



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BIA 33	43.23109472	-102.470572	21	15	M6-1PR	North	NEW	2.2	IV	1					Directional Arrow - Right Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 33	43.23109716	-102.4709184	36	36	W8-7	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Loose Gravel			
BIA 33	43.23110391	-102.4705842	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 33			
BIA 33	43.23110391	-102.4705842	21	15	M6-1PL	North	NEW	2.2	IV	1					Directional Arrow - Left Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 33	43.23131897	-102.4706392			R2-1	North	IN PL			1			IN PL	1	Speed Limit - 35 mph			
BIA 33	43.23147112	-102.4701251	30	30	R1-1	South	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 33	43.23147112	-102.4701251			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 33	43.23162985	-102.4702419			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 28			
BIA 33	43.23162985	-102.4702419	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 33			
BIA 37	43.54601839	-101.945786	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 37	43.54601839	-101.945786			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 37	43.54607875	-101.9459921			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
BIA 37	43.54607875	-101.9459921	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 37	Mount under Street Signs		
BIA 37	43.54612161	-101.945943			R1-1	North	IN PL			1			IN PL	1	Stop			
BIA 37	43.54612161	-101.945943			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 37	43.54619299	-101.9458501	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 37	43.54619299	-101.9458501	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 37	43.54619299	-101.9458501	18	18	W13-1P	South	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 37	43.54622786	-101.9459742	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.54625209	-101.945891	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.54642157	-101.9459164	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 37	43.54642157	-101.9459164	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
BIA 37	43.54713199	-101.945878	30	30	W3-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 37	43.55049013	-101.9447459	30	30	W1-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
BIA 37	43.55255728	-101.9453708	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 37	43.55376629	-101.946503	30	30	W1-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
BIA 37	43.55537235	-101.9475263	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			



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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	99	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 37	43.55921187	-101.94813	30	30	W1-4L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			
BIA 37	43.56343188	-101.9505409	30	30	W1-4L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			
BIA 37	43.5777183	-101.950344	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.57771885	-101.9504143	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.58207971	-101.950239	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 37	43.58207971	-101.950239	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 37	43.58709442	-101.9504661	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 37	43.58709442	-101.9504661	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 37	43.59219916	-101.9505155	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.592203	-101.9504438	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.59941633	-101.9505108	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.59941633	-101.950474	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 37	43.60638308	-101.9505222	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 37	43.60638308	-101.9505222	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 37	43.60638308	-101.9505222	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 37	43.60645126	-101.9505109	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 37	43.60645126	-101.9504484	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 37	43.60653551	-101.950939					N/S						REM	1				
BIA 37	43.60654873	-101.9503642	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Special Detail L42, existing condtions have street signs with no stop sign		
BIA 37	43.60654873	-101.9503642	48	12	D3-1a	N-S	R/R	4	IV	2					Street Name with BIA Arrowhead: BIA 120	Mount above Stop Sign		
BIA 37	43.60654873	-101.9503642	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 37	Mount above Stop Sign		
BIA 37	43.60654873	-101.9503642			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 37	43.60659162	-101.95029					N/S						REM	1				
BIA 37	43.60670116	-101.9504827	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 37	43.60670116	-101.9504827			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 401	43.34311561	-102.1233843	30	30	W8-26	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Road Ends Advance: Road Ends 500ft			
BIA 401	43.34319899	-102.1265717	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			

PROFESSIONAL ENGINEER
REG. NO.
17616
ISAAC
BERG
3/9/2026
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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 401	43.34325203	-102.1213959	18	18	OM4-1	West	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 401	43.34328772	-102.1213967	18	18	OM4-1	West	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 401	43.3433115	-102.1277512			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Chokecherry Dr	reset below other street sign		
BIA 401	43.3433115	-102.1277512	48	12	D3-1a	N-S	NEW	4	IV	2					Street Name with BIA Arrowhead: BIA 401	Mount under Street Signs		
BIA 401	43.34332283	-102.1213999	18	18	OM4-1	West	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
BIA 401	43.34379391	-102.1288994	4	4	DelW	E-W	NEW	0.1	XI	48	1.12 Lb/Ft	U-CHANNEL	NEW	24	4"x4" White Delineator Back to Back	Radius: 1447ft, S=110		
BIA 401	43.34407344	-102.1291195	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 401	43.34671503	-102.1312974					N/S						REM	1				
BIA 401	43.35557899	-102.1350343	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 401	43.35560266	-102.1349233	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 401	43.37001285	-102.1406436	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 401	43.3700307	-102.1404932	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 401	43.37844813	-102.1412552					N/S						REM	1				
BIA 401	43.37860615	-102.1412662					N/S						REM	1				
BIA 401	43.37884975	-102.1413113	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 401			
BIA 401	43.37899906	-102.1410939	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Special Detail L42, existing conditions have post and delineator with no sign		
BIA 401	43.37899906	-102.1410939			DelWT		R/R		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 401	43.37902426	-102.1413412			BIA Rt.	North	D/R			1			REM	1	BIA Route Marker: 401			
BIA 401	43.37909005	-102.1413051	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 401	43.37910433	-102.1410626			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 4			
BIA 401	43.37910433	-102.1410626	48	12	D3-1a	N-S	R/R	4	IV	2					Street Name with BIA Arrowhead: BIA 401	Mount under Street Signs		
BIA 401	43.37931424	-102.1410688	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 401	43.37931424	-102.1410688			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 41	42.99979912	-102.8608802	30	30	SS1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 41	43.00011529	-102.860764	66	18	I2-1	South	NEW	8.3	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Jurisdictional Boundary: SS12.3 - Entering Oglala Lakota Nation			
BIA 41	43.00013322	-102.8610195	66	18	I2-1	North	NEW	8.3	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Jurisdictional Boundary: SS12.2 - Leaving Oglala Lakota Nation			
BIA 41	43.00013972	-102.860837	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	101	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 41	43.00016069	-102.8609035	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
BIA 41	43.00023157	-102.8606884			W3-1	North	IN PL			1					Stop Ahead	mounted on gate		
BIA 41	43.0002348	-102.8607135			W3-1	South	IN PL			1					Stop Ahead	mounted on gate		
BIA 41	43.00027176	-102.8608842			R1-1	South	IN PL			1					Stop	mounted on gate		
BIA 41	43.00028135	-102.8609247			R5-1	South	IN PL			1					Do Not Enter	mounted on gate		
BIA 41	43.00076416	-102.8607505	30	30	SS1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
BIA 41	43.00083858	-102.8604297	96	48	SS2	South	NEW	32	IV	1	2" 12 Gauge	SQ TUBE	NEW	2	Tribal Regulatory Sign			
BIA 41	43.0010612	-102.8604119	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.00109034	-102.8605823	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.00122511	-102.8602928			R16-1	South	D/R			1			REM	1	Seat Belt Symbol			
BIA 41	43.00135209	-102.8602633	24	30	R2-1	South	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 45 mph			
BIA 41	43.00135209	-102.8602633			N/A	South	D/R			1					Do Not Liter	mounted under speed limit sign		
BIA 41	43.00223503	-102.859903	36	36	W8-7	East	R/R	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Loose Gravel			
BIA 41	43.00464352	-102.8591456			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.01036566	-102.8558072			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.01222483	-102.8546414	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.01224655	-102.8546298	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.01227157	-102.8547677	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.01229329	-102.8547561	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.01342674	-102.8539946			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.01532999	-102.852528			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.0160313	-102.852468			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.01651042	-102.8526002			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.02201627	-102.8483702	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.02203573	-102.8481192	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.02302645	-102.8475294			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.02320725	-102.847503			W14-3	South	D/R			1			REM	2	No Passing Zone			



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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	102	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 41	43.02978554	-102.8430009			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.0323325	-102.841326			R2-1	South	D/S			1			REM	1	Speed Limit - 45 mph			
BIA 41	43.03315551	-102.8406887	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03317716	-102.8406716	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03325692	-102.8409335	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03327857	-102.8409163	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03373838	-102.8404031	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03375481	-102.8403922	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03378158	-102.8405304	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.03379801	-102.8405196	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.03398271	-102.8403973			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.03739553	-102.8379532			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.03815645	-102.8374215	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 41	43.03954608	-102.8367923	30	30	W2-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
BIA 41	43.04304296	-102.8345123			W14-3	South	D/S			1			REM	2	No Passing Zone			
BIA 41	43.04786235	-102.8310801			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 41	43.04825539	-102.8306023	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Pejuta Sapa Rd			
BIA 41	43.04825539	-102.8306023	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 41	Mount under Street Signs		
BIA 41	43.05066824	-102.8291893	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.05071182	-102.8293566	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.05080023	-102.8290985	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.05082381	-102.8292659	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.05326587	-102.8277409	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: County Rd 8			
BIA 41	43.05326587	-102.8277409	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 41	Mount under Street Signs		
BIA 41	43.05630657	-102.8254029	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.05636879	-102.8255666	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.05764471	-102.8245683	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 41	43.05767742	-102.8246776	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.05973397	-102.8233762			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.05987017	-102.8230048	30	30	W1-2L	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Curve			
BIA 41	43.05987017	-102.8230048	18	18	W13-1P	South	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L02		
BIA 41	43.06039317	-102.8227236	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.06045494	-102.8228819	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.06353119	-102.8213361	4	4	DelW	N-S	NEW	0.1	XI	36	1.12 Lb/Ft	U-CHANNEL	NEW	18	4"x4" White Delineator Back to Back	Radius: 1400ft, S=110ft		
BIA 41	43.06612227	-102.8227256	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
BIA 41	43.06618493	-102.8225161	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.06620555	-102.8228641	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.06626821	-102.8226546	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.0664281	-102.822989	30	30	W1-2R	North	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Curve			
BIA 41	43.0664281	-102.822989	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Right Curve. Special Detail L02		
BIA 41	43.06647571	-102.8228817			W14-3	North	D/S			1			REM	2	No Passing Zone			
BIA 41	43.06678565	-102.82318			R2-1	North	D/S			1			REM	1	Speed Limit - 45 mph			
BIA 41	43.07003967	-102.8250425	30	30	W1-2R	South	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 41	43.07003967	-102.8250425			W1-2R	South	D/S			1			REM	2	Horizontal Alignment - Right Curve			
BIA 41	43.07125049	-102.8257397	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
BIA 41	43.07125049	-102.8257397	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under curve sign		
BIA 41	43.07396319	-102.8268279	4	4	DelW	N-S	NEW	0.1	XI	38	1.12 Lb/Ft	U-CHANNEL	NEW	19	4"x4" White Delineator Back to Back	Radius: 1480ft, S=115ft		
BIA 41	43.07424788	-102.8264993	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 41	43.07482954	-102.82625	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 3202			
BIA 41	43.07482954	-102.82625	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 41	43.07482954	-102.82625	21	15	M6-1PR	South	NEW	2.2	IV	1					Directional Arrow - Right Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 41	43.0754213	-102.8261671	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
BIA 41	43.07625034	-102.8255007	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		
BIA 41	43.07625034	-102.8255007	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under curve sign		



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PH 8057(04)	104	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 41	43.07632044	-102.8251137	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
BIA 41	43.07685654	-102.8249738	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 3202			
BIA 41	43.07685654	-102.8249738	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 41	43.07685654	-102.8249738	21	15	M6-1PL	North	NEW	2.2	IV	1					Directional Arrow - Left Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 41	43.07726888	-102.8245415	30	30	W2-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
BIA 41	43.07734602	-102.8244473			W1-2L	North	D/S			1			REM	2	Horizontal Alignment - Left Curve			
BIA 41	43.07734602	-102.8244473	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L02		
BIA 41	43.07966776	-102.8221814			W14-3	South	D/R			1			REM	2	No Passing Zone			
BIA 41	43.08103174	-102.8207457	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.08106416	-102.8207161	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.08109915	-102.8208936	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.08113524	-102.8208603	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 41	43.0811656	-102.8208356					N/S						REM	1				
BIA 41	43.0854296	-102.8164946			W14-3	North	D/R			1			REM	2	No Passing Zone			
BIA 41	43.08855985	-102.8136764			W1-2L	South	D/R			1			REM	2	Horizontal Alignment - Left Curve			
BIA 41	43.09009161	-102.8122726	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
BIA 41	43.09045482	-102.8119449			W2-2R	South	D/S			1			REM	1	Intersection Warning - Right Side Road			
BIA 41	43.090541	-102.8118584	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 32			
BIA 41	43.090541	-102.8118584	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 41	43.090541	-102.8118584	21	15	M6-1PR	South	NEW	2.2	IV	1					Directional Arrow - Right Turn (plaque), US/State Route Assembly	mount below route sign		
BIA 41	43.09105648	-102.8114298	72	30	D1-2	South	R/R	15	IV	1	2" 12 Gauge	SQ TUBE	REPL	2	Destination (2 lines): SS10 - Slim Buttes & Pine Ridge (R)			
BIA 41	43.09129417	-102.8114822	36	36	W8-7	North	R/S	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Loose Gravel			
BIA 41	43.09169581	-102.8110346					N/S						REM	1				
BIA 41	43.09171828	-102.811208	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
BIA 41	43.09175054	-102.8111819			R2-1	North	D/S			1			REM	1	Speed Limit - 55 mph			
BIA 41	43.09204818	-102.810961	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 41	43.09211787	-102.8107854			DelW	N-S	IN PL			2			IN PL	1	4"x4" White Delineator Back to Back			

PROFESSIONAL ENGINEER
REG. NO. 17616
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1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 41	43.09231682	-102.8108147	48	24	W1-7	East	R/S	8	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Large Arrow (2-direction)	Special Detail L42		
BIA 41	43.09231682	-102.8108147			DelWT		R/R		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 41	43.09338235	-102.8104038	36	36	W8-3	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Pavement Ends			
BIA 41	43.09338235	-102.8104038	24	18	W16-2P	North	NEW	3	XI	1					XX Feet (2-line plaque): 500 Ft	mount below Pavement Ends sign		
BIA 59	43.20700838	-102.4846328	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
BIA 59	43.2097219	-102.4865416	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 59	43.2097219	-102.4865416	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 7 Miles	Mount under No Traffic SignsSpecial Detail L01		
BIA 59	43.21028971	-102.4875021	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
BIA 59	43.21032607	-102.4875084	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 59	43.21036815	-102.4874565	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 59	43.21041629	-102.487738	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 59	43.21041629	-102.487738	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 59	43.21041629	-102.487738	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 59	43.21045796	-102.4878375	42	12	D3-1a	E-W	R/R	3.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: BIA 59			
BIA 59	43.21045796	-102.4878375	42	12	D3-1a	N-S	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 33	Mount under Street Signs		
BIA 59	43.2105079	-102.4876423	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L42		
BIA 59	43.2105079	-102.4876423			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 59	43.21063826	-102.487867	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
BIA 59	43.21063826	-102.487867			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 61	43.18841634	-102.7985131			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: US 18			
BIA 61	43.18841634	-102.7985131	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 61	Mount under Street Signs		
BIA 61	43.18843396	-102.7987955	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
BIA 61	43.18843396	-102.7987955			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 61	43.1885899	-102.7985787	24	30	BIA Rt	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 61			
BIA 61	43.18930471	-102.7988176	24	24	M1-4	North	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	U.S. Route (1, 2 digits): US 18			
BIA 61	43.18930471	-102.7988176	21	15	M2-1P	North	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 61	43.19863485	-102.7986398	30	30	W1-4L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 61	43.19951062	-102.7987476	4	4	DelW	N-S	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 1255ft, S=105ft		
BIA 61	43.20145612	-102.7998687	4	4	DelW	N-S	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1425ft, S=95ft		
BIA 61	43.20205694	-102.7999433	30	30	W1-4L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			
BIA 61	43.20478369	-102.8001996	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 61	43.20526664	-102.8001232	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
BIA 61	43.20584418	-102.8002765	4	4	DelW	N-S	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 1810ft, S=145ft		
BIA 61	43.20780508	-102.7998758	4	4	DelW	N-S	NEW	0.1	XI	22	1.12 Lb/Ft	U-CHANNEL	NEW	11	4"x4" White Delineator Back to Back	Radius: 1080ft, S=100ft		
BIA 61	43.208554	-102.8003361	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
BIA 61	43.21209255	-102.8017621	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
BIA 61	43.2126518	-102.802019	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 41			
BIA 61	43.2126518	-102.802019	21	15	M2-1P	East	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
BIA 61	43.21321152	-102.8022642	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn	Mount above Advisory Speed Plaque		
BIA 61	43.21321152	-102.8022642	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount below Right TurnSpecial Detail L01		
BIA 61	43.21324548	-102.8025151	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 61			
BIA 61	43.21378049	-102.8026295	4	4	DelW	N-S	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 180ft, S=30ft, delineators only along south tangent		
BIA 61	43.21378049	-102.8026295	18	24	W1-8	N-S	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 180ft, C=40ft		
BIA 61	43.21393075	-102.8023104	30	30	R1-1	West	R/S	5.2	XI	1			IN PL	1	Stop	post to remain		
BIA 61	43.21393075	-102.8023104			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
BIA 61	43.21407569	-102.8024756			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 41			
BIA 61	43.21407569	-102.8024756	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 61	Mount under Street Signs		
BIA 65	43.51836079	-102.7839845	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
BIA 65	43.51836079	-102.7839845			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 65	43.51859112	-102.7839847	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 65	43.51859112	-102.7839847	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 65	43.51859112	-102.7839847	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 65	43.52094086	-102.6747794	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
BIA 65	43.52094086	-102.6747794			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		



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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
BIA 65	43.52100624	-102.6746448	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 65	43.52100624	-102.6746448	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 65	43.52100624	-102.6746448	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 8	43.41811435	-102.5437818	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
BIA 8	43.41811435	-102.5437818	18	18	W13-1P	West	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 8	43.41813668	-102.5430403	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 1180ft, S=100ft, no delineators along East tangent		
BIA 8	43.41816051	-102.5242643	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
BIA 8	43.41816051	-102.5242643			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 8	43.4181648	-102.5386266	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 903ft, S=70ft, no delineators along West tangent		
BIA 8	43.41817164	-102.5249635	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 8	43.41821442	-102.5442734	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 8	43.41821442	-102.5442734	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 8	43.41821442	-102.5442734	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
BIA 8	43.4182427	-102.5249654	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
BIA 8	43.41824644	-102.5379734	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
BIA 8	43.41824644	-102.5379734	18	18	W13-1P	East	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
BIA 8	43.41826451	-102.5244013	30	30	W14-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
BIA 8	43.41831656	-102.5242501			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 33			
BIA 8	43.41831656	-102.5242501	36	12	D3-1a	N-S	R/R	3	IV	2					Street Name with BIA Arrowhead: BIA 8			
BIA 8	43.4183984	-102.5401376	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 8	43.4184321	-102.5402435	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 8	43.4184812	-102.5399609	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 8	43.4185149	-102.5400668	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
BIA 8	43.41864376	-102.5410164	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 545ft, S=65ft, no delineators along tangents		
BIA 9	43.38932955	-101.8513401	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
BIA 9	43.38932955	-101.8513401	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
BIA 9	43.41805233	-101.8515314	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			

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TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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BIA 9	43.41805233	-101.8515314	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
BIA 9	43.4181783	-101.8512615	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount below Street SignsSpecial Detail L01		
BIA 9	43.4181783	-101.8512615			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
BIA 9	43.4181783	-101.8512615	42	12	D3-1	N-S	NEW	3.5	IV	2					Street Name: 275th St	Mount above Stop Sign		
BIA 9	43.4181783	-101.8512615	36	12	D3-1a	E-W	NEW	3	IV	2					Street Name with BIA Arrowhead: BIA 9	Mount above Stop Sign		
Bombing Range Rd	43.43342119	-102.1107585	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount below Street Signs		
Bombing Range Rd	43.43342119	-102.1107585			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Bombing Range Rd	43.43343017	-102.110607			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: BIA 2			
Bombing Range Rd	43.43343017	-102.110607	54	21	D3-1a	E-W	R/R	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.1 - Bombing Range Rd	Mount under Street Signs		
Bombing Range Rd	43.43351965	-102.1106464	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Bombing Range Rd	43.43351965	-102.1106464	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.43351965	-102.1106464	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.43362897	-102.1106748	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.4336301	-102.1107211	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.45285354	-102.0998592	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.45285354	-102.0998592	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.45308983	-102.1106327	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.45308983	-102.1106327	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.45401979	-102.110559	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.45401979	-102.110559	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.45420484	-102.0998914	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.45420484	-102.0998914	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.45450106	-102.0998898	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.45450161	-102.0998148	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.46165158	-102.0964884	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.46165158	-102.0964884	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.46167425	-102.0998473	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Bombing Range Rd	43.46167425	-102.0998473	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.46173539	-102.09995	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.46173779	-102.0998497	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.46250698	-102.0999249	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.46273786	-102.0997997	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.4629536	-102.097766	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.4629536	-102.097766	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.46454723	-102.0925786	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.46454723	-102.0925786	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.46474763	-102.0904016	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.46490528	-102.0900429	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.46579084	-102.0894276	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Bombing Range Rd	43.46579084	-102.0894276	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.47125182	-102.0831552	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Bombing Range Rd	43.47125182	-102.0831552	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Bombing Range Rd	43.47195282	-102.0826107	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.47227611	-102.082603	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.47280914	-102.0829562	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Bombing Range Rd	43.47280914	-102.0829562	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Bombing Range Rd	43.48036968	-102.0880634	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.48037084	-102.0879981	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.48177328	-102.0882273	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.48177328	-102.0882273	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.4825929	-102.0882838	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Bombing Range Rd	43.48259713	-102.0883641	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Bombing Range Rd	43.48427815	-102.0885638	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.48427815	-102.0885638	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Bombing Range Rd	43.48433139	-102.0807375	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.48440206	-102.0807444	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.48502774	-102.0778786	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.48502774	-102.0778786	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.48697847	-102.0766464	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.48697847	-102.0766464	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.48772848	-102.0771166	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.48772848	-102.0771166	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.49117736	-102.0759295	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.49120449	-102.0760016	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.49321369	-102.0743446	30	30	W2-3R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Obtuse)			
Bombing Range Rd	43.49328053	-102.0744529	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Bombing Range Rd	43.49328053	-102.0744529	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.49328053	-102.0744529	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.49432358	-102.0745478	30	30	W2-3aL	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Oblique Side Road (Acute)			
Bombing Range Rd	43.49531858	-102.0745711	30	30	W2-3aR	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Acute)			
Bombing Range Rd	43.49605597	-102.074911	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Bombing Range Rd	43.49605597	-102.074911	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.49605597	-102.074911	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.49628904	-102.0752638	30	30	W2-3L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Oblique Side Road (Obtuse)			
Bombing Range Rd	43.49715989	-102.0759594	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.49715989	-102.0759594	18	18	W13-1P	South	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.49838221	-102.0766835	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.49838517	-102.0766091	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Bombing Range Rd	43.49894612	-102.0765814	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Bombing Range Rd	43.49894612	-102.0765814	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.50350674	-102.0757553	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			

PROFESSIONAL ENGINEER
REG. NO. 17616
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SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	111	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Bombing Range Rd	43.50350674	-102.0757553	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Bombing Range Rd	43.50800803	-102.0737514	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Bombing Range Rd	43.50800803	-102.0737514	18	18	W13-1P	North	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Bombing Range Rd	43.51498224	-102.075253	30	30	W2-3R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Obtuse)			
Bombing Range Rd	43.51532793	-102.0754188	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Bombing Range Rd	43.51532793	-102.0754188	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.51532793	-102.0754188	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Bombing Range Rd	43.51590288	-102.0753556			D3-1	N-S	D/R			2			REM	1	Street Name: BIA 19			
Bombing Range Rd	43.51590288	-102.0753556			OM2-2V	West	D/R			1			REM	1	Object Marker Type 2			
Bombing Range Rd	43.51590288	-102.0753556			D3-1	E-W	D/R			2					Street Name: Bombing Range Rd			
Bombing Range Rd	43.51844341	-102.0752891	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Bombing Range Rd	43.51844341	-102.0752891	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Buffalo Pasture Rd	43.22626206	-102.2883147	48	21	D3-1	E-W	R/R	7	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines): SS7.1 - Buffalo Pasture Rd			
Buffalo Pasture Rd	43.22626206	-102.2883147	54	12	D3-1	N-S	NEW	4.5	IV	2					Street Name: County Rd 6	mount at top above other street sign		
Buffalo Pasture Rd	43.22645308	-102.288245	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Buffalo Pasture Rd	43.22645308	-102.288245	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Buffalo Pasture Rd	43.22683158	-102.2880459	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Buffalo Pasture Rd	43.22683158	-102.2880459	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under No Traffic Signs		
Cain Creek Rd	43.68714457	-102.3019193	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Cain Creek Rd	43.68745014	-102.3021116	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Cain Creek Rd	43.68745014	-102.3021116	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Cain Creek Rd	43.68745014	-102.3021116	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Cheyenne Creek Rd	43.05345905	-102.5659265	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Cheyenne Creek Rd	43.05370757	-102.5664366	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Cheyenne Creek Rd	43.05385355	-102.5668021	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Cheyenne Creek Rd	43.05385355	-102.5668021	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Cheyenne Creek Rd	43.05385355	-102.5668021	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Cheyenne Creek Rd	43.05390738	-102.5670542			D3-1	N-S	IN PL			2			IN PL	1	Street Name: Cheyenne Creek Rd			
Cheyenne Creek Rd	43.05390738	-102.5670542	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: US 18	Mount under Street Signs		
Cheyenne Creek Rd	43.05408071	-102.5671044	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Cheyenne Creek Rd	43.05408071	-102.5671044			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Cheyenne Creek Rd	43.05408598	-102.5674841	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Cheyenne Creek Rd	43.05408598	-102.5674841			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Cluster Housing Dr	43.56423138	-101.6554422	36	36	S3-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School Bus Stop Ahead			
Cluster Housing Dr	43.56470154	-101.6531197	36	18	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name (2 Lines): SS7.3 - Cluster Housing Dr			
Cluster Housing Dr	43.56470154	-101.6531197	36	18	D3-1	E-W	NEW	4.5	IV	2					Street Name (2 Lines): SS7.3 - Cluster Housing Dr			
Cluster Housing Dr	43.56515941	-101.655432	36	18	D3-1	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines): SS7.3 - Cluster Housing Dr			
Cluster Housing Dr	43.56515941	-101.655432	36	18	D3-1	E-W	R/R	4.5	IV	2					Street Name (2 Lines): SS7.3 - Cluster Housing Dr	Mount under Street Signs		
Cluster Housing Dr	43.56590698	-101.6554449	36	36	S1-1	South	R/R	6.7	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	School			
Cluster Housing Dr	43.56701099	-101.6548903	36	36	S3-1	North	R/R	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	School Bus Stop Ahead			
Cluster Housing Dr	43.56707096	-101.6549634	36	18	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines): SS7.3 - Cluster Housing Dr	existing conditions: post with no signs		
Cluster Housing Dr	43.56707096	-101.6549634	36	18	D3-1	E-W	NEW	4.5	IV	2					Street Name (2 Lines): SS7.3 - Cluster Housing Dr			
Cluster Housing Dr	43.56707096	-101.6549634	48	12	D3-1L	South	NEW	4	IV	1					Street Name with Left Arrow: SS3.1 - 2nd St			
Cluster Housing Dr	43.56707096	-101.6549634	48	12	D3-1R	North	NEW	4	IV	1					Street Name with Right Arrow: SS5.2 - 2nd St			
Comes Again St	43.66592515	-102.8972928	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Comes Again St	Mount at Top		
Comes Again St	43.66592515	-102.8972928	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Tatanka Numpa Rd	Mount under Street Sign		
Comes Again St	43.66594541	-102.8973525	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Comes Again St	43.66594541	-102.8973525			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Comes Again St	43.66597027	-102.8971652	36	36	S1-1	South	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Comes Again St	43.66597027	-102.8971652	21	15	W16-7PL	South	NEW	2.2	XI	1					Downward Diagonal Left Arrow (plaque) - Fluorescent Yellow-Green	Mount below School Crossing		
Comes Again St	43.66606222	-102.89731	36	36	S1-1	North	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Comes Again St	43.66606222	-102.89731	21	15	W16-7PL	North	NEW	2.2	XI	1					Downward Diagonal Left Arrow (plaque) - Fluorescent Yellow-Green	Mount below School Crossing		
Comes Again St	43.66728067	-102.8986066	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Comes Again St	43.66728067	-102.8986066			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Comes Again St	43.66731553	-102.8985626	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Comes Again St			
Comes Again St	43.66731553	-102.8985626	48	12	D3-1	N-S	NEW	4	IV	2					Street Name: Fire Heart St	Mount under Street Signs		
County Rd 16	43.31638843	-102.1889681	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
County Rd 16	43.31741394	-102.1887041	24	30	BIA Rt.	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 17			
County Rd 16	43.31741394	-102.1887041			W1-2L	North	D/S			1					Horizontal Alignment - Left Curve	mounted on same assembly as BIA Route signs		
County Rd 16	43.31741394	-102.1887041	24	12	M4-6P	North	R/R	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
County Rd 16	43.31741925	-102.1885597	24	30	BIA Rt.	South	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 17	Mount under Loose Gravel		
County Rd 16	43.31741925	-102.1885597			W8-7	South	D/S			1					Loose Gravel	mounted above BIA Route sign		
County Rd 16	43.31741925	-102.1885597	24	12	M4-14P	South	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
County Rd 16	43.31747267	-102.1886894	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.31747745	-102.1885359	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.3175265	-102.1886864	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.31753323	-102.1885207	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.31773924	-102.1884409	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
County Rd 16	43.31806703	-102.1883446	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
County Rd 16	43.31816015	-102.1883233			R2-1	South	D/S			1			REM	1	Speed Limit - 45 mph			
County Rd 16	43.31941507	-102.1881174	4	4	DelW	N-S	NEW	0.1	XI	28	1.12 Lb/Ft	U-CHANNEL	NEW	14	4"x4" White Delineator Back to Back	Radius: 1342ft, S=105ft		
County Rd 16	43.3200699	-102.1872272			W1-2L	South	D/S			1			REM	2	Horizontal Alignment - Left Curve			
County Rd 16	43.32242177	-102.1853391	4	4	DelW	N-S	NEW	0.1	XI	34	1.12 Lb/Ft	U-CHANNEL	NEW	17	4"x4" White Delineator Back to Back	Radius: 818ft, S=85ft		
County Rd 16	43.32254326	-102.1852881	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32254923	-102.1855895	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.3239026	-102.1857404	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
County Rd 16	43.32426634	-102.1860534	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32436985	-102.1856357	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32551778	-102.1864728			W1-2R	North	D/R			1			REM	2	Horizontal Alignment - Right Curve			
County Rd 16	43.32653294	-102.186859	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32660734	-102.1865863	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			



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County Rd 16	43.3266079	-102.1868901	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
County Rd 16	43.32676402	-102.1870392			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
County Rd 16	43.32680434	-102.1869637	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
County Rd 16	43.32700168	-102.1870359	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
County Rd 16	43.32719949	-102.1871097	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
County Rd 16	43.32729883	-102.1873312			OM2-2V	N-S	D/R			2			REM	1	Object Marker Type 2			
County Rd 16	43.32733348	-102.1872335	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32738015	-102.1869624	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32809399	-102.1872463			W1-2L	South	D/R			1			REM	2	Horizontal Alignment - Left Curve			
County Rd 16	43.32886171	-102.1879016	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.32894144	-102.1875256	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.3303499	-102.18831	4	4	DelW	N-S	NEW	0.1	XI	26	1.12 Lb/Ft	U-CHANNEL	NEW	13	4"x4" White Delineator Back to Back	Radius: 1890ft, S=125ft		
County Rd 16	43.33213943	-102.1902605			W1-2R	North	D/S			1			REM	2	Horizontal Alignment - Right Curve			
County Rd 16	43.3321831	-102.1903287	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.33225824	-102.1901737	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.3336537	-102.191836			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
County Rd 16	43.33521548	-102.1934121	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.33523472	-102.1934308	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.33529246	-102.1932786	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.33531169	-102.1932972	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.33772638	-102.1960844	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Running Elk Rd			
County Rd 16	43.33772638	-102.1960844	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount under Street Signs		
County Rd 16	43.34045332	-102.1984626			W1-2R	South	D/S			1			REM	2	Horizontal Alignment - Right Curve			
County Rd 16	43.34143926	-102.1997235	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.34149568	-102.1995722	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.34254528	-102.2006653	4	4	DelW	N-S	NEW	0.1	XI	26	1.12 Lb/Ft	U-CHANNEL	NEW	13	4"x4" White Delineator Back to Back	Radius: 1550ft, S=105ft		
County Rd 16	43.3455516	-102.20193	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			

PROFESSIONAL ENGINEER
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County Rd 16	43.34558346	-102.2017789	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.34655563	-102.2022058	4	4	DelW	N-S	NEW	0.1	XI	24	1.12 Lb/Ft	U-CHANNEL	NEW	12	4"x4" White Delineator Back to Back	Radius: 1702ft, S=115ft		
County Rd 16	43.34983547	-102.2048836			W1-2L	South	D/S			1			REM	2	Horizontal Alignment - Left Curve			
County Rd 16	43.35119384	-102.2061677	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.35122835	-102.2060429	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.35122835	-102.2060429	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.35212913	-102.2068205	30	30	W2-3aL	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Oblique Side Road (Acute)			
County Rd 16	43.35222602	-102.2069937	4	4	DelW	N-S	NEW	0.1	XI	24	1.12 Lb/Ft	U-CHANNEL	NEW	12	4"x4" White Delineator Back to Back	Radius: 1827ft, S=120ft		
County Rd 16	43.35256615	-102.2078412			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: BIA 21			
County Rd 16	43.35256615	-102.2078412			D3-1	N-S	D/R			2					Street Name: BIA 17			
County Rd 16	43.35256615	-102.2078412	62	12	D3-1	N-S	NEW	5.2	IV	2					Street Name: County Rd 16	Mount under Street Signs		
County Rd 16	43.35336465	-102.2091354	30	30	W2-3R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Obtuse)			
County Rd 16	43.3536888	-102.2097985			W1-2R	North	D/S			2			REM	2	Horizontal Alignment - Right Curve			
County Rd 16	43.35391452	-102.2100878			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Mule Deer Ln			
County Rd 16	43.35391452	-102.2100878	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount under Street Signs		
County Rd 16	43.35673808	-102.2143858	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
County Rd 16	43.35779474	-102.2160027	4	4	DelW	N-S	NEW	0.1	XI	30	1.12 Lb/Ft	U-CHANNEL	NEW	15	4"x4" White Delineator Back to Back	Radius: 1390ft, S=110ft		
County Rd 16	43.35811981	-102.2159496	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Three Sisters Ln	Mount at Top		
County Rd 16	43.35811981	-102.2159496	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount Below Street Sign		
County Rd 16	43.3593405	-102.2169042	30	30	W2-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
County Rd 16	43.36046765	-102.217308			W1-2L	North	D/S			1			REM	2	Horizontal Alignment - Left Curve			
County Rd 16	43.36138497	-102.2176748	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.36141422	-102.2174982	6	12	OM2-2V	N-S	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.36752328	-102.2193308	6	12	OM2-2V	N-S	R/S	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.36753864	-102.219107	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.3675533	-102.2193375	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
County Rd 16	43.36756727	-102.2191079	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			



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County Rd 16	43.3678389	-102.2194458			W1-2L	North	D/R			1			REM	1	Horizontal Alignment - Left Curve			
County Rd 16	43.36786535	-102.2191178	30	30	W2-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
County Rd 16	43.36849805	-102.219455	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Red Owl Ln	Mount at Top		
County Rd 16	43.36849805	-102.219455	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount Below Street Sign		
County Rd 16	43.36920601	-102.2194942	30	30	W2-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
County Rd 16	43.36965967	-102.2191935	42	12	D3-1	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Cross Rd	Mount at Top		
County Rd 16	43.36965967	-102.2191935	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 16	Mount Below Street Sign		
County Rd 16	43.37500942	-102.2196043			W8-7	North	IN PL			1			IN PL	2	Loose Gravel			
County Rd 16	43.37588307	-102.2194528			BIA Rt.	South	IN PL			1			IN PL	1	BIA Route Marker: 17			
County Rd 16	43.37588307	-102.2194528			R3-9dP	South	IN PL			1					END (plaque)			
County Rd 16	43.37588307	-102.2194528			R16-1	South	D/R			1					Seat Belt Symbol	mounted under route sign		
County Rd 16	43.37620019	-102.2194452	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
County Rd 16	43.37654321	-102.2194511			BIA Rt.	South	IN PL			1			IN PL	1	BIA Route Marker: 2			
County Rd 16	43.37654321	-102.2194511			M2-1P	South	IN PL			1					Junction (plaque), US/State Route Assembly			
County Rd 16	43.37654321	-102.2194511			M6-4P	South	IN PL			1					Directional Arrow - Turn (Two-Way) (plaque)			
County Rd 16	43.37692166	-102.2194476			W1-2L	South	IN PL			1			IN PL	1	Horizontal Alignment - Left Curve			
County Rd 16	43.37734426	-102.2201859			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
County Rd 16	43.37734426	-102.2201859			D3-1	E-W	IN PL			2					Street Name: County Rd 16			
County Rd 16	43.37746901	-102.2199527			R1-1	South	IN PL			1			IN PL	1	Stop			
Craven Rd	43.57731771	-101.6570817	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Craven Rd	43.57731771	-101.6570817			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Craven Rd	43.57740689	-101.6574034	30	12	D3-1	N-S	NEW	2.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: SD 44	Mount at Top		
Craven Rd	43.57740689	-101.6574034	54	12	D3-1a	E-W	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Craven Rd	Mounder under Street Sign		
Craven Rd	43.5774713	-101.6573732	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Salvage Object Markes mounted on post		
Craven Rd	43.5774713	-101.6573732			OM2-2V	N-S	D/R			2					Object Marker Type 2	Mounted below Stop Sign		
Craven Rd	43.5774713	-101.6573732			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Craven Rd	43.57756465	-101.6571884	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 1			

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1/9/2026
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Craven Rd	43.57763297	-101.6599681	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Craven Rd	43.57763329	-101.6592198	24	24	M1-5	West	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	State Route (1, 2 digits): SD 44			
Craven Rd	43.57763329	-101.6592198	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Craven Rd	43.57765295	-101.6583937	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Craven Rd	43.57765295	-101.6583937	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Craven Rd	43.5776738	-101.6893822	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Craven Rd	43.57771574	-101.6572666	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Large Right Arrow (1-direction)			
Craven Rd	43.57777811	-101.6589992	36	36	W8-7	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Loose Gravel			
Craven Rd	43.57777811	-101.6589992	18	18	W13-1P	East	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Supplemental Distance Plaque		
Craven Rd	43.57777811	-101.6589992	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque); Next 3 Miles	Mount under Loose GravelSpecial Detail L01		
Craven Rd	43.57780399	-101.6575783	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.57807728	-101.6929316	4	4	DelW	N-S	NEW	0.1	XI	42	1.12 Lb/Ft	U-CHANNEL	NEW	21	4"x4" White Delineator Back to Back	Radius: 1200ft, S=100ft		
Craven Rd	43.57944112	-101.6951252	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Craven Rd	43.58397432	-101.7007061	30	30	W1-1R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Craven Rd	43.58397432	-101.7007061	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Craven Rd	43.58454702	-101.7015164	18	24	W1-8	N-S	NEW	3	XI	8	2" 12 Gauge	SQ TUBE	NEW	5	Chevron Alignment	Radius: 251ft, C=70ft		
Craven Rd	43.58454702	-101.7015164	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 251ft, S=45ft, delineators along tangents only		
Craven Rd	43.58556252	-101.7017212	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Craven Rd	43.58556252	-101.7017212	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Craven Rd	43.59149676	-101.7017738	36	36	W8-7	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Loose Gravel			
Craven Rd	43.59149676	-101.7017738	18	18	W13-1P	North	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Supplemental Distance Plaque		
Craven Rd	43.59149676	-101.7017738	24	18	W7-3aP	North	NEW	3	XI	1					Next XX Miles (plaque); Next 3 Miles	Mount under Loose GravelSpecial Detail L01		
Craven Rd	43.59195842	-101.701715	18	24	W1-8	N-S	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 222ft, C=75ft		
Craven Rd	43.59195842	-101.701715	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 222ft, S=40ft, delineators along tangents only		
Craven Rd	43.59265348	-101.7023105	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Craven Rd	43.59265348	-101.7023105	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Craven Rd	43.59265348	-101.7023105	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Craven Rd	43.59928211	-101.707699	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.59933235	-101.7076732	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.60585696	-101.7163839	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Craven Rd	43.60736595	-101.7173952	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.60750714	-101.7176423	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.60769771	-101.719427	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.60781011	-101.7200367	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.60783178	-101.7197078	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	mount next to fence post end		
Craven Rd	43.60814898	-101.7207061	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Craven Rd	43.61221852	-101.7226476	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.61228008	-101.7227165	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.61482956	-101.727502	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Craven Rd	43.61482956	-101.727502	18	18	W13-1P	East	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Craven Rd	43.61509571	-101.7287648	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.61531939	-101.7289839	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.61614271	-101.7288328	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.61615919	-101.7267333	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.6162325	-101.7286734	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.61661237	-101.7263639	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.61697689	-101.726737	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.61700354	-101.7266795	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.61724215	-101.7270585	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Craven Rd	43.61724215	-101.7270585	18	18	W13-1P	North	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Craven Rd	43.61792152	-101.7276693	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Craven Rd	43.61802076	-101.7277543	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Craven Rd	43.61810882	-101.7278624	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Craven Rd	43.61944778	-101.7292355	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			

PROFESSIONAL ENGINEER
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3/9/2023
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TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	119	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Craven Rd	43.61944778	-101.7292355	18	18	W13-1P	South	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Craven Rd	43.61959821	-101.7296134	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	End of Object MarkersSpacing Approx. 50ft		
Craven Rd	43.6202699	-101.7298455	12	36	OM3	N-S	NEW	3	XI	14	2" 12 Gauge	SQ TUBE	NEW	7	Object Marker Type 3 - Back to Back	Start of Object MarkersSpacing Approx. 50ft		
Craven Rd	43.62043148	-101.7297948	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Craven Rd	43.62043148	-101.7297948	18	18	W13-1P	North	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Craven Rd	43.62509184	-101.7337222	30	30	W1-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Craven Rd	43.62697507	-101.7346211	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Craven Rd	43.64483915	-101.7412258	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Craven Rd	43.64483915	-101.7412258	18	18	W13-1P	South	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Craven Rd	43.64515782	-101.7402307	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.64515782	-101.7402307	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.64570729	-101.7414968	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Craven Rd	43.64576205	-101.7410487	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Craven Rd	43.64664513	-101.7394916	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Craven Rd	43.64664513	-101.7394916	18	18	W13-1P	North	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Craven Rd	43.64881827	-101.7401789	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.64882915	-101.7402676	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65079369	-101.7434274	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65082448	-101.743364	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.6542862	-101.7459223	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65429535	-101.7460276	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65465265	-101.7486169	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65472417	-101.7485959	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65528162	-101.7538075	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.65531678	-101.7537987	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.65625561	-101.7563511	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65629223	-101.7562871	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			



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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Craven Rd	43.65790308	-101.7613411	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.65792909	-101.7612749	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Craven Rd	43.66023915	-101.7653534	30	30	W1-5L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Craven Rd	43.66197673	-101.7691882	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Craven Rd	43.66445988	-101.7703644			W1-2L	South	D/R			1			REM	1	Horizontal Alignment - Left Curve			
Craven Rd	43.66445988	-101.7703644			W13-1P	South	D/R			1					35 mph Advisory Speed (plaque)	Mounted Under Curve Left		
Craven Rd	43.66458353	-101.7705559	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.66460978	-101.770496	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.66463961	-101.7706478	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Craven Rd	43.66463961	-101.7706478	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Craven Rd	43.66463961	-101.7706478	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Craven Rd	43.66497908	-101.7707316	30	30	W1-2L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Craven Rd	43.66497908	-101.7707316	18	18	W13-1P	South	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Left Curve Special Detail L01		
Craven Rd	43.66500629	-101.7709818			W5-1	East	IN PL			1			IN PL	2	Road Narrows			
Craven Rd	43.66590299	-101.772005	4	4	DelW	N-S	NEW	0.1	XI	34	1.12 Lb/Ft	U-CHANNEL	NEW	17	4"x4" White Delineator Back to Back	Radius: 778ft, S=80ft		
Craven Rd	43.66591458	-101.7766141	16	16	OM2-2G	West	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A116Mount on Guardrail End Terminal		
Craven Rd	43.66592603	-101.7764399	42	18	I2-2	West	R/S	5.3	IV	1	2" 12 Gauge	SQ TUBE	REPL	2	Geographical Feature: SS13.1 - Eagles Nest Creek			
Craven Rd	43.66594128	-101.7763279	4	6	DelGr	E-W	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A116, SW guardrail section		
Craven Rd	43.66594504	-101.7763208			OM3-R	West	IN PL			1			IN PL	1	Object Marker Type 3 - Right	Struct. # - A116		
Craven Rd	43.6659508	-101.7778017	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Curve	existing condtions have plaque with no curve sign		
Craven Rd	43.6659508	-101.7778017	18	18	W13-1P	East	R/R	2.3	XI	1					35 mph Advisory Speed (plaque)			
Craven Rd	43.66596513	-101.7759179	4	6	DelGr	E-W	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A116, SE guardrail section		
Craven Rd	43.66596894	-101.7756397	16	16	OM2-2G	East	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A116Mount on Guardrail End Terminal		
Craven Rd	43.66597971	-101.7759249			OM3-R	East	IN PL			1			IN PL	1	Object Marker Type 3 - Right	Struct. # - A116		
Craven Rd	43.6660192	-101.7763404			OM3-L	West	IN PL			1			IN PL	1	Object Marker Type 3 - Left	Struct. # - A116		
Craven Rd	43.66602712	-101.7766187	16	16	OM2-2G	West	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A116Mount on Guardrail End Terminal		
Craven Rd	43.66602855	-101.7763431	4	6	DelGr	E-W	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A116, NW guardrail section		



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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	121	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Craven Rd	43.6660481	-101.775937	4	6	DelGr	E-W	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A116, NE guardrail section		
Craven Rd	43.66605386	-101.7759446			OM3-R	East	IN PL			1			IN PL	1	Object Marker Type 3 - Right	Struct. # - A116		
Craven Rd	43.66606111	-101.7741832	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Craven Rd	43.66606111	-101.7741832	18	18	W13-1P	West	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Right CurveSpecial Detail L01		
Craven Rd	43.66607227	-101.7758592			I2-2	East	IN PL			1			IN PL	1	Geographical Feature: SS13.1 - Eagles Nest Creek			
Craven Rd	43.66608721	-101.7756542	16	16	OM2-2G	East	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A116Mount on Guardrail End Terminal		
Craven Rd	43.66615506	-101.7848881	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Curve	existing condtions have plaque with no curve sign		
Craven Rd	43.66615506	-101.7848881	18	18	W13-1P	West	R/R	2.3	XI	1					35 mph Advisory Speed (plaque)	Mounted under Left Curve		
Craven Rd	43.66642447	-101.7858935			W5-1	East	IN PL			1			IN PL	2	Road Narrows			
Craven Rd	43.66645974	-101.7865422	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.666518	-101.7865138	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.67157485	-101.8212322	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.67162089	-101.8212308	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.67298635	-101.8295009	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.67300092	-101.8354711			W14-3	North	D/R			1			REM	1	No Passing Zone			
Craven Rd	43.67303187	-101.8294948	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Craven Rd	43.6730843	-101.8320786	30	30	W1-2R	East	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Right Curve			
Craven Rd	43.6730843	-101.8320786	18	18	W13-1P	East	R/R	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Right Curve		
Craven Rd	43.67330467	-101.8369666	36	36	W5-1	West	R/R	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Road Narrows			
Craven Rd	43.67342178	-101.8371987	18	24	W1-8	N-S	NEW	3	XI	10	2" 12 Gauge	SQ TUBE	NEW	6	Chevron Alignment	Radius: 930ft, C=170ft		
Craven Rd	43.67342178	-101.8371987	4	4	DelW	N-S	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 930ft, S=95ft, delineators along tangents only		
Craven Rd	43.67356787	-101.8372138	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back	End of DelineatorsSpacing Approx. 50ft		
Craven Rd	43.67373612	-101.8374848	4	4	DelW	N-S	NEW	0.1	XI	4	1.12 Lb/Ft	U-CHANNEL	NEW	2	4"x4" White Delineator Back to Back	Start of DelineatorsSpacing Approx. 50ft		
Craven Rd	43.67425834	-101.83828	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Craven Rd	43.67425834	-101.83828	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Craven Rd	43.67477155	-101.8387939			W1-2L	West	D/R			1			REM	1	Horizontal Alignment - Left Curve			
Craven Rd	43.67477155	-101.8387939			W13-1P	West	D/R			1					35 mph Advisory Speed (plaque)			



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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	122	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Craven Rd	43.67501873	-101.8390213	16	16	OM2-2G	South	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A115Mount on Guardrail End Terminal		
Craven Rd	43.67504839	-101.8389275	16	16	OM2-2G	South	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A115Mount on Guardrail End Terminal		
Craven Rd	43.6751179	-101.8391362	4	6	DelGr	N-S	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A115, SW guardrail section		
Craven Rd	43.67512969	-101.8389677			I2-2	South	R/S/S			1	2" 12 Gauge	SQ TUBE	REPL	2	Geographical Feature: SS13.2 - Bear in The Lodge Creek			
Craven Rd	43.67516028	-101.8390412	4	6	DelGr	N-S	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A115, SE guardrail section		
Craven Rd	43.67517299	-101.8390472			OM3-R	South	D/R			1			REM	1	Object Marker Type 3 - Right	Struct. # - A115		
Craven Rd	43.67545442	-101.839462	4	6	DelGr	N-S	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A115, NW guardrail section		
Craven Rd	43.67546687	-101.8395296	42	18	I2-2	North	R/S	5.3	IV	1	2" 12 Gauge	SQ TUBE	REPL	2	Geographical Feature: SS13.2 - Bear in The Lodge Creek			
Craven Rd	43.67548493	-101.8393565	4	6	DelGr	N-S	NEW	0.2	XI	4					Guardrail Delineator	Struct. # - A115, NE guardrail section		
Craven Rd	43.67559428	-101.8396389	16	16	OM2-2G	North	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A115Mount on Guardrail End Terminal		
Craven Rd	43.67567141	-101.8395112	16	16	OM2-2G	North	NEW	1.8	XI	1					Guardrail Terminal End Object Marker	Struct. # - A115Mount on Guardrail End Terminal		
Craven Rd	43.67689858	-101.840673	30	30	W1-2L	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Curve			
Craven Rd	43.67689858	-101.840673			W13-1P	South	D/R			1					35 mph Advisory Speed (plaque)	Mounted Under Left Curve		
Craven Rd	43.67689858	-101.840673	18	18	W13-1P	South	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Craven Rd	43.67841855	-101.8428404	4	4	DelW	N-S	NEW	0.1	XI	38	1.12 Lb/Ft	U-CHANNEL	NEW	19	4"x4" White Delineator Back to Back	Radius: 1280ft, S=100ft		
Craven Rd	43.67874443	-101.8467071			W13-1P	West	D/R			1			REM	1	35 mph Advisory Speed (plaque)	Mount under Right Curve		
Craven Rd	43.67878869	-101.8538472	24	30	BIA Rt.	West	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 1			
Craven Rd	43.67878869	-101.8538472	24	12	M4-14P	West	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
Craven Rd	43.67878936	-101.8459294	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Craven Rd	43.67878936	-101.8459294	18	18	W13-1P	West	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount under Right CurveSpecial Detail L01		
Craven Rd	43.67880082	-101.8549638					N/S						REM	1				
Craven Rd	43.67889033	-101.8538458	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 1			
Craven Rd	43.67889033	-101.8538458	24	12	M4-6P	East	NEW	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
Craven Rd	43.6789318	-101.853848			W14-3	West	D/R			1			REM	1	No Passing Zone			
Crazy Horse School Dr	43.57204058	-101.6643655	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
Crazy Horse School Dr	43.57204058	-101.6643655	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: CHS Housing Dr	Mount above Stop Sign		
Crazy Horse School Dr	43.57204058	-101.6643655			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	123	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Crazy Horse School Dr	43.57212729	-101.6655973	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Crazy Horse School Dr	43.57212729	-101.6655973			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Crazy Horse School Dr	43.57212729	-101.6655973	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: CHS Housing Dr			
Crazy Horse School Dr	43.57242528	-101.661308	42	21	D3-1	N-S	R/R	6.1	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines): SS7.4 - Crazy Horse School Dr			
Crazy Horse School Dr	43.57242528	-101.661308	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	Mount under Street Sign		
Crazy Horse School Dr	43.57242917	-101.6663719	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
Crazy Horse School Dr	43.57242917	-101.6663719	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: CHS Housing Dr	Mount above Stop Sign		
Crazy Horse School Dr	43.57242917	-101.6663719			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Crazy Horse School Dr	43.57246062	-101.6613155	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Crazy Horse School Dr	43.57246062	-101.6613155			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Crazy Horse School Dr	43.57260068	-101.6615126			R2-1	East	IN PL			1					Speed Limit - 20 mph	Mounted on Light Pole		
Crazy Horse School Dr	43.57271315	-101.6672563			R2-1	West	IN PL			1			IN PL	1	Speed Limit - 20 mph			
Crazy Horse School Dr	43.57293478	-101.6675251	30	30	R1-1	North	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Crazy Horse School Dr	43.57293478	-101.6675251			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Crazy Horse School Dr	43.57294346	-101.6672841	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount under Street Signs		
Crazy Horse School Dr	43.57294346	-101.6672841	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: CHS Housing Dr	Mount above Stop Sign		
Crazy Horse School Dr	43.57294346	-101.6672841			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Fire Thunder Rd	43.27391951	-102.6361555	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Fire Thunder Rd	43.27391951	-102.6361555	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Fire Thunder Rd	43.27391951	-102.6361555	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Fire Thunder Rd	43.27399232	-102.6362958	36	36	W1-10cR	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Fire Thunder Rd	43.27493346	-102.6353554	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.27495723	-102.6354083	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.30335644	-102.6183978	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.30341944	-102.6185178	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.31335386	-102.5777969	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Fire Thunder Rd	43.31335881	-102.577569	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			

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PH 8057(04)	124	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Fire Thunder Rd	43.31342161	-102.57831	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31343592	-102.5783479	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31348412	-102.5783522			W1-3L	North	D/S			1			REM	1	Horizontal Alignment - Left Reverse Turn			
Fire Thunder Rd	43.31354733	-102.5782285			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.3135555	-102.578258	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31371643	-102.5767743	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31376099	-102.5766621	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31382534	-102.576907	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.3138699	-102.5767947	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Fire Thunder Rd	43.31396562	-102.5690706	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.31399642	-102.5698442	30	30	W1-5R	West	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Winding Road Right	existing signs is W1-2R		
Fire Thunder Rd	43.31405685	-102.5690609	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.31409288	-102.5739135	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.31410167	-102.5762143	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Fire Thunder Rd	43.31411376	-102.5807905	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Fire Thunder Rd	43.31413356	-102.5803075	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Fire Thunder Rd	43.31417586	-102.5758641	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Fire Thunder Rd	43.31419786	-102.5739166	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Fire Thunder Rd	43.31421674	-102.5751528	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Fire Thunder Rd	43.31421674	-102.5751528	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 6 Miles	Mount under Winding RoadSpecial Detail L01		
Fire Thunder Rd	43.31429453	-102.5753			W1-3L	West	D/S			1			REM	1	Horizontal Alignment - Left Reverse Turn			
Fire Thunder Rd	43.31592044	-102.595336	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Fire Thunder Rd	43.31599437	-102.5955255	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Flag Rd	43.02277066	-102.5804716	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Flag Rd	43.0228901	-102.5801377	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Flag Rd	43.0228901	-102.5801377			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Flag Rd	43.02295629	-102.5802052	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Montana St			

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PH 8057(04)	125	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Flag Rd	43.02295629	-102.5802052	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: Flag Rd	Mount under Street Signs		
Flag Rd	43.02597834	-102.5796971	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Flag Rd	43.02597834	-102.5796971			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Flag Rd	43.02601428	-102.5799231			D3-1	N-S	R/S/S			2			IN PL	1	Street Name: BIA 32	reset signs and post to correct tilt		
Flag Rd	43.02601428	-102.5799231			D3-1	E-W	R/S/S			2					Street Name: Flag Rd	Mount under Street Signs		
Flint Rd	43.05679009	-102.5664953			D3-1	N-S	IN PL			2			IN PL	1	Street Name: Flint Rd			
Flint Rd	43.05679009	-102.5664953	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: US 18	Mount under Street Signs		
Flint Rd	43.05695102	-102.5660767	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Flint Rd	43.05700436	-102.5665012	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Flint Rd	43.05700436	-102.5665012			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Georgetown Dr 1	43.5777863	-101.5594955	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Georgetown Dr 1	43.5777863	-101.5594955			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Georgetown Dr 1	43.57795228	-101.5596291	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Georgetown Dr 1	43.57795228	-101.5596291			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Georgetown Dr 1	43.57895374	-101.5614943	54	12	D3-1	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Georgetown Dr 1			
Georgetown Dr 1	43.57895374	-101.5614943	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: 227th Ave	Mount Below Georgetown Dr 1		
Georgetown Dr 2	43.58091392	-101.5614937	54	12	D3-1	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Georgetown Dr 2			
Georgetown Dr 2	43.58091392	-101.5614937	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: 227th Ave	Mount Below Georgetown Dr 2		
Grass Creek Rd	43.20512471	-102.7597293			D3-1	E-W	D/R			2			REM	1	Street Name: Grass Creek Rd			
Grass Creek Rd	43.20513808	-102.7595235	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Grass Creek Rd	43.20513808	-102.7595235	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.20513808	-102.7595235	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.20515558	-102.7596828	36	36	R1-2	North	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount below Street SignsSpecial Detail L42		
Grass Creek Rd	43.20515558	-102.7596828	48	12	D3-1a	N-S	NEW	4	IV	2					Street Name with BIA Arrowhead: BIA 115	Mount above Yield Sign		
Grass Creek Rd	43.20515558	-102.7596828	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Grass Creek Rd	Mount at Top		
Grass Creek Rd	43.20515558	-102.7596828			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Grass Creek Rd	43.20519648	-102.759519	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	126	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Grass Creek Rd	43.20522078	-102.7595861	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.21011926	-102.7559129	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Grass Creek Rd	43.21011926	-102.7559129	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 4 Miles	Mount under Winding RoadSpecial Detail L01		
Grass Creek Rd	43.24579511	-102.7225656	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.24579826	-102.7227328	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.27121909	-102.7137792	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Grass Creek Rd	43.27121909	-102.7137792	24	18	W7-3aP	North	NEW	3	XI	1					Next XX Miles (plaque): Next 4 Miles	Mount under Winding RoadSpecial Detail L01		
Grass Creek Rd	43.2713109	-102.7135401	36	36	W1-10bR	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Grass Creek Rd	43.27136159	-102.7122634	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Grass Creek Rd	43.27136159	-102.7122634	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 6 Miles	Mount under Winding RoadSpecial Detail L01		
Grass Creek Rd	43.27143618	-102.713623	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Grass Creek Rd	43.27143618	-102.713623	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.27143618	-102.713623	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.27149366	-102.7134714	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.27152117	-102.7135794	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.27156852	-102.7129651	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Grass Creek Rd	43.27156852	-102.7129651	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.27156852	-102.7129651	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.27160983	-102.7126727	36	36	W1-10cL	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
Grass Creek Rd	43.27176798	-102.7133423	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 611			
Grass Creek Rd	43.27176798	-102.7133423	54	21	D3-1a	N-S	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.3 - Grass Creek Rd	Mount under Street Signs		
Grass Creek Rd	43.27313549	-102.6352985	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Grass Creek Rd	43.273185	-102.6355965	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.27323014	-102.6355925	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.27351454	-102.6363458	30	30	W2-3aR	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Oblique Side Road (Acute)			
Grass Creek Rd	43.27366861	-102.6366763	54	21	D3-1a	E-W	R/R	7.9	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines) with BIA Arrowhead: SS8.2 - Fire Thunder Rd			
Grass Creek Rd	43.27366861	-102.6366763	54	21	D3-1a	N-S	R/R	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.3 - Grass Creek Rd	Mounted Blow Fire Thunder		

PROFESSIONAL ENGINEER
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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Grass Creek Rd	43.27390359	-102.6380395	30	30	W2-3L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Oblique Side Road (Obtuse)			
Grass Creek Rd	43.27393418	-102.6375978	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Grass Creek Rd	43.27393418	-102.6375978	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.27393418	-102.6375978	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.2740995	-102.6384417	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Grass Creek Rd	43.2740995	-102.6384417	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 6 Miles	Mount under Winding RoadSpecial Detail L01		
Grass Creek Rd	43.27612185	-102.6337866	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Grass Creek Rd	43.27612185	-102.6337866	24	18	W7-3aP	South	NEW	3	XI	1					Next XX Miles (plaque): Next 5 Miles	Mount under Winding RoadSpecial Detail L01		
Grass Creek Rd	43.27877676	-102.6731	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Grass Creek Rd	43.27882131	-102.6729765	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Grass Creek Rd	43.2788751	-102.6728068	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Grass Creek Rd	43.27891208	-102.6726452	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Grass Creek Rd	43.27891964	-102.6725136	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Grass Creek Rd	43.28278126	-102.6909086	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.28285332	-102.6909355	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Grass Creek Rd	43.31414227	-102.5705407	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Grass Creek Rd	43.31414227	-102.5705407	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Grass Creek Rd	43.31414227	-102.5705407	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Hill Top Rd	43.27830256	-102.1815287	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Hill Top Rd	43.27830256	-102.1815287			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Hill Top Rd	43.27833003	-102.1811537	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Hilltop Rd			
Hill Top Rd	43.27833003	-102.1811537	62	12	D3-1	E-W	R/R	5.2	IV	2					Street Name: County Rd 16	mount below other street sign		
Hill Top Rd	43.27844283	-102.1811282	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Hill Top Rd	43.27846314	-102.1813738	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Hill Top Rd	43.27846314	-102.1813738			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Hill Top Rd	43.27847595	-102.1807526	36	36	W70-2	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Hill Top Rd	43.27847595	-102.1807526	24	18	W70-4	West	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		



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PH 8057(04)	128	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Hill Top Rd	43.27848762	-102.1811487	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Hill Top Rd	43.28377298	-102.15592	36	36	W70-2	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Hill Top Rd	43.28377298	-102.15592	24	18	W70-4	East	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintensnceSpecial Detail L02		
Hisle Rd	43.38915716	-101.7347296			D3-1	N-S	D/R			2			REM	1	Street Name: Hisle Rd			
Hisle Rd	43.3892573	-101.7352227	24	30	BIA Rt.	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 1			
Hisle Rd	43.3892573	-101.7352227	24	12	M4-6P	North	R/R	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
Hisle Rd	43.38937249	-101.735079	28	20	I2-1	South	NEW	3.9	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Jurisdictional Boundary: SS12:1 - Jackson County			
Hisle Rd	43.38946751	-101.7350707			M1-6	South	D/R			1			REM	1	County Route: Jackson County Line			
Hisle Rd	43.38963133	-101.7354497	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 1			
Hisle Rd	43.38963133	-101.7354497	24	12	M4-14P	South	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
Hisle Rd	43.38973067	-101.7354638			R2-1	South	D/S			1			REM	1	Speed Limit - 45 mph			
Hisle Rd	43.3898974	-101.7358647	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.39487815	-101.7440605	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.39494411	-101.7438871	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.39687825	-101.7468942			W1-2R	South	D/R			1			REM	1	Horizontal Alignment - Right Curve			
Hisle Rd	43.39707426	-101.7475787	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.39707426	-101.7472211	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.41085267	-101.7518946	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.41091218	-101.7518868	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.41094039	-101.7522616	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.41099828	-101.7522592	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.41474121	-101.7518459	30	30	W2-2L	South	R/R	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Intersection Warning - Left Side Road			
Hisle Rd	43.41574025	-101.7522529	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.41751406	-101.7520125	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.41844026	-101.7521682	30	30	W2-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
Hisle Rd	43.4285955	-101.7517178			W1-2R	South	D/R			1			REM	1	Horizontal Alignment - Right Curve			
Hisle Rd	43.43471064	-101.7503922	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Hisle Rd	43.43576694	-101.7492565					N/S						REM	1				
Hisle Rd	43.45240794	-101.7321637	4	4	DelW	N-S	NEW	0.1	XI	32	1.12 Lb/Ft	U-CHANNEL	NEW	16	4"x4" White Delineator Back to Back	Radius: 1868ft, S=135ft		
Hisle Rd	43.46547469	-101.7320106			W14-3	South	D/R			1			REM	1	No Passing Zone			
Hisle Rd	43.4657896	-101.7317715	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.46583227	-101.7319763	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.47222978	-101.7312974			W14-3	North	D/R			1			REM	1	No Passing Zone			
Hisle Rd	43.47328091	-101.7317469	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
Hisle Rd	43.47358516	-101.7317439	4	4	DelW	N-S	NEW	0.1	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	4"x4" White Delineator Back to Back			
Hisle Rd	43.49641499	-101.7315798					N/S						REM	1				
Hisle Rd	43.49696093	-101.7320055					N/S						REM	1				
Hisle Rd	43.50317359	-101.734017			W1-2R	North	D/R			1			REM	1	Horizontal Alignment - Right Curve			
Hisle Rd	43.50390756	-101.7336263			W14-3	North	D/S			1			REM	1	No Passing Zone			
Hisle Rd	43.50465764	-101.7345328	30	30	W2-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
Hisle Rd	43.50471899	-101.7347745	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.50593959	-101.7354376	30	30	W2-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
Hisle Rd	43.50617747	-101.735386	24	30	R2-1	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.50786005	-101.7361021			W1-4L	South	D/R			1			REM	1	Horizontal Alignment - Left Reverse Curve			
Hisle Rd	43.51342573	-101.7410033	4	4	DelW	N-S	NEW	0.1	XI	32	1.12 Lb/Ft	U-CHANNEL	NEW	16	4"x4" White Delineator Back to Back	Radius: 1555ft, S=115ft		
Hisle Rd	43.5214401	-101.7413883			W14-3	South	D/R			1			REM	1	No Passing Zone			
Hisle Rd	43.52702541	-101.7411056			W14-3	North	D/R			1			REM	1	No Passing Zone			
Hisle Rd	43.53978496	-101.7414812	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.53985168	-101.7414812	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.5400437	-101.7411243	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.54011855	-101.7411287	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Hisle Rd	43.54588544	-101.7412195			W3-1	South	D/R			1			REM	1	Stop Ahead			
Hisle Rd	43.54704317	-101.741189	24	24	M1-5	South	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	State Route (1, 2 digits): SD 44			
Hisle Rd	43.54704317	-101.741189	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Hisle Rd	43.54723532	-101.7414159	54	30	D2-2	North	R/R	11.3	IV	1	2" 12 Gauge	SQ TUBE	REPL	2	Distance (2 lines): SS11 - Hisle(8), Martin(24)			
Hisle Rd	43.54724564	-101.741199			W2-4	South	D/R			1			REM	1	Intersection Warning - T-Intersection			
Hisle Rd	43.54757108	-101.7414256			R2-1	North	D/S			1			REM	1	Speed Limit - 45 mph			
Hisle Rd	43.5478633	-101.7411898			BIA Rt.	South	D/R			1			REM	1	BIA Route Marker: 1			
Hisle Rd	43.5478633	-101.7411898			M4-6P	South	D/R			1					End (plaque), US/State Route Assembly			
Hisle Rd	43.54794761	-101.7414278	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 45 mph			
Hisle Rd	43.54846155	-101.7414161	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 1			
Hisle Rd	43.54848718	-101.7411002			D3-1	N-S	D/R			2			REM	1	Street Name: SD 44			
Hisle Rd	43.54848718	-101.7411002			D3-1	E-W	D/R			2					Street Name: Hisle Rd			
Hisle Rd	43.54858638	-101.7411519	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Hisle Rd	43.54858638	-101.7411519			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Hisle Rd	43.54858638	-101.7411519	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: SD 44	Mount above Stop Sign		
Hisle Rd	43.54858638	-101.7411519	54	12	D3-1a	E-W	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Hisle Rd	Mount above Stop Sign		
Hisle Rd	43.54902306	-101.7412544			W1-7	South	D/R			1			REM	2	Large Arrow (2-direction)			
Kiza Park Ln	43.27884637	-102.4711342	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Kiza Park Ln	43.27884637	-102.4711342			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Kiza Park Ln	43.2789016	-102.4729386	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 33			
Kiza Park Ln	43.2789016	-102.4729386	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Kiza Park Ln	43.2789308	-102.4789415			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on both side of road		
Kiza Park Ln	43.27895218	-102.4787524	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
Kiza Park Ln	43.27895389	-102.4709191	48	24	W1-7	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Kiza Park Ln	43.27895389	-102.4709191			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Kiza Park Ln	43.27896066	-102.4791693	30	30	SS1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
Kiza Park Ln	43.27900417	-102.481463			OM2-2V	E-W	IN PL			8			IN PL	4	Object Marker Type 2	2 posts on either side of road		
Kiza Park Ln	43.27901957	-102.4712724	24	30	BIA Rt.	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 24			
Kiza Park Ln	43.27903056	-102.4814204	4	4	DelW	E-W	NEW	0.1	XI	22	1.12 Lb/Ft	U-CHANNEL	NEW	11	4"x4" White Delineator Back to Back	Radius: 710ft, S=80ft		
Kiza Park Ln	43.27903188	-102.4721824			R2-1	East	IN PL			1			IN PL	1	Speed Limit - 45 mph			

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PH 8057(04)	131	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Kiza Park Ln	43.27905185	-102.4787568	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back	Cattle Guard Signing - Layout A		
Kiza Park Ln	43.27905503	-102.4784276	30	30	SS1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Cattle Guard Warning	Cattle Guard Signing - Layout A		
Kiza Park Ln	43.27905871	-102.4711586			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 33			
Kiza Park Ln	43.27905871	-102.4711586	54	12	D3-1a	N-S	R/R	4.5	IV	2					Street Name with BIA Arrowhead: Kiza Park Ln	Mount Below Street Sign		
Kiza Park Ln	43.27908609	-102.4805064	30	30	W1-4L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Curve			
Kiza Park Ln	43.2790866	-102.4796935	30	30	W2-7R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Offset Side Roads			
Kiza Park Ln	43.27909026	-102.4816787	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: White Hawk Ln			
Kiza Park Ln	43.27909026	-102.4816787	54	21	D3-1a	North	NEW	7.9	IV	1					Street Name with Left Arrow and BIA Arrowhead: SS4.3 - Kiza Park Ln			
Kiza Park Ln	43.27909026	-102.4816787	54	12	D3-1a	North	NEW	4.5	IV	1					Street Name with Right Arrow and BIA Arrowhead: SS6.1 BIA 24			
Kiza Park Ln	43.27909026	-102.4816787	54	12	D3-1a	South	NEW	4.5	IV	1					Street Name with Left Arrow and BIA Arrowhead: SS4.1 - BIA 24			
Kiza Park Ln	43.27909026	-102.4816787	54	21	D3-1a	South	NEW	7.9	IV	1					Street Name with Right Arrow and BIA Arrowhead: SS6.3 - Kiza Park Ln			
Lazy YB Ln	43.02424381	-102.6394398					N/S						REM	1				
Lazy YB Ln	43.02426258	-102.6413818					N/S						REM	1				
Lazy YB Ln	43.02433554	-102.6414075					N/S						REM	1				
Lazy YB Ln	43.02439477	-102.6394667					N/S						REM	1				
Lazy YB Ln	43.02719597	-102.6332496	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Lazy YB Ln	43.02744543	-102.6332285	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Lazy YB Ln	43.02758054	-102.6330891	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Lazy YB Ln	43.02758478	-102.6331469	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Lazy YB Ln	43.02765394	-102.633171	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Lazy YB Ln	43.02765394	-102.633171	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Lazy YB Ln	43.02765394	-102.633171	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Lazy YB Ln	43.02769482	-102.6329863	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street Signs		
Lazy YB Ln	43.02769482	-102.6329863	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: BIA 32	Mount Above Stop Sign		
Lazy YB Ln	43.02769482	-102.6329863	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Lazy YB Ln	Mount at Top		
Lazy YB Ln	43.02769482	-102.6329863			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Lazy YB Ln	43.0276989	-102.6332164					N/S						REM	1				

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Moccasin Park Rd	43.01152451	-102.560976	54	21	D3-1a	E-W	NEW	7.9	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name (2 Lines) with BIA Arrowhead: SS8.4 - Moccasin Park Rd			
Moccasin Park Rd	43.01152451	-102.560976	54	12	D3-1R	North	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.8 - Pike Rd	Mount under Street Signs		
Moccasin Park Rd	43.01152451	-102.560976	54	21	D3-1a	North	NEW	7.9	IV	1					Street Name with Left Arrow and BIA Arrowhead: SS4.4 - Moccasin Park Rd	Mount under Street Signs		
Moccasin Park Rd	43.01184481	-102.5603627	36	36	W1-10bR	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Moccasin Park Rd	43.01189605	-102.5595857	4	4	DelW	E-W	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 345ft, S=55ft		
Moccasin Park Rd	43.0119116	-102.5612771	36	36	W1-10cL	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
Moccasin Park Rd	43.01225298	-102.5614681	4	4	DelW	N-S	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 310ft, S=60ft		
Moccasin Park Rd	43.01244848	-102.5564904	4	4	DelW	E-W	NEW	0.1	XI	26	1.12 Lb/Ft	U-CHANNEL	NEW	13	4"x4" White Delineator Back to Back	Radius: 360ft, S=55ft		
Moccasin Park Rd	43.01254129	-102.555785	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Moccasin Park Rd	43.01255846	-102.5587787			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01258373	-102.5586585			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01262034	-102.5588129			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01265738	-102.5587181			OM2-2V	E-W	R/S/S			2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01268255	-102.5545931	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Moccasin Park Rd	43.01268255	-102.5545931			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Moccasin Park Rd	43.0127274	-102.5584813	4	4	DelW	E-W	NEW	0.1	XI	32	1.12 Lb/Ft	U-CHANNEL	NEW	16	4"x4" White Delineator Back to Back	Radius: 520ft, S=65ft		
Moccasin Park Rd	43.01276598	-102.5613603	4	4	DelW	N-S	NEW	0.1	XI	16	1.12 Lb/Ft	U-CHANNEL	NEW	8	4"x4" White Delineator Back to Back	Radius: 480ft, S=40ft		
Moccasin Park Rd	43.01290359	-102.5546333	54	21	D3-1a	E-W	R/R	7.9	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name (2 Lines) with BIA Arrowhead: SS8.4 - Moccasin Park Rd			
Moccasin Park Rd	43.01290359	-102.5546333	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: SD 407	Mount under Street Signs		
Moccasin Park Rd	43.01348112	-102.5617112	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01354384	-102.5615016	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Moccasin Park Rd	43.01550761	-102.562106	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Moccasin Park Rd	43.01610492	-102.5624827	4	4	DelW	E-W	NEW	0.1	XI	28	1.12 Lb/Ft	U-CHANNEL	NEW	14	4"x4" White Delineator Back to Back	Radius: 115ft, S=25ft		
Moccasin Park Rd	43.01612249	-102.5636792	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Moccasin Park Rd	43.01612249	-102.5636792	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Moccasin Park Rd	43.01638768	-102.5652169	4	4	DelW	E-W	NEW	0.1	XI	36	1.12 Lb/Ft	U-CHANNEL	NEW	18	4"x4" White Delineator Back to Back	Radius: 240ft, S=40ft		
Moccasin Park Rd	43.01699008	-102.5658331	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: War Bonnet Rd			

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Moccasin Park Rd	43.01699008	-102.5658331	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.4 - Moccasin Park Rd	Mount under Street Signs		
Moccasin Park Rd	43.01920167	-102.5672447	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Magpie St			
Moccasin Park Rd	43.01920167	-102.5672447	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.4 - Moccasin Park Rd	Mount under Street Signs		
Moccasin Park Rd	43.01977484	-102.5673965	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Moccasin Park Rd	43.01977484	-102.5673965			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Moccasin Park Rd	43.01977484	-102.5673965			W15-1	South	D/R			1					Playground - Yellow	mounted under stop sign		
Moccasin Park Rd	43.01996341	-102.5675171	30	30	W15-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Playground - Fluorescent Yellow-Green			
Moves Camp Ave	43.57040922	-101.6567776	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Sioux Ave			
Moves Camp Ave	43.57040922	-101.6567776	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Moves Camp Ave	Mount under Street Signs		
N. BIA 125	43.49894997	-102.2179497	48	24	W1-7	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L01		
N. BIA 125	43.49894997	-102.2179497			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
N. BIA 125	43.49906402	-102.2175851	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: N BIA 125			
N. BIA 125	43.49906402	-102.2175851	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount under Street Signs		
N. BIA 125	43.4991493	-102.2175044	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
N. BIA 125	43.4991493	-102.2175044	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.4991493	-102.2175044	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.49915341	-102.2177667	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L01		
N. BIA 125	43.49915341	-102.2177667			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
N. BIA 125	43.50579001	-102.2082009	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.50579119	-102.2082723	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.514342	-102.2068143	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
N. BIA 125	43.514342	-102.2068143	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.514342	-102.2068143	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.51456968	-102.2064729			D3-1	South	D/R			1			REM	1	Street Name: Route 145			
N. BIA 125	43.51675417	-102.2059062	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 145			
N. BIA 125	43.51675417	-102.2059062	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: N BIA 125	Mount under Street Signs		
N. BIA 125	43.51964447	-102.20659	30	30	W1-3L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			



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N. BIA 125	43.51964447	-102.20659	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
N. BIA 125	43.52047915	-102.2085621	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
N. BIA 125	43.52047915	-102.2085621	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.52047915	-102.2085621	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.52104843	-102.2103586	30	30	W1-3L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
N. BIA 125	43.53467741	-102.2256542	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.53470774	-102.2256214	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.53650323	-102.2282296	30	30	W1-5L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
N. BIA 125	43.53711429	-102.2299005	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.53722066	-102.2299304	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
N. BIA 125	43.53966078	-102.2302234	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
N. BIA 125	43.55015861	-102.2337563	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
N. BIA 125	43.55389692	-102.2356457	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
N. BIA 125	43.56216143	-102.2432782	30	30	W1-3R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
N. BIA 125	43.56223454	-102.2435115	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.5624227	-102.2436168	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.56298253	-102.2440348	30	30	W1-3R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
N. BIA 125	43.56339687	-102.2445215	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.56342421	-102.2444696	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.56728405	-102.2477061	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
N. BIA 125	43.56800463	-102.2482183	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
N. BIA 125	43.56819786	-102.2481435	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.57035396	-102.2477058	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
N. BIA 125	43.57046325	-102.2476088	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.57068958	-102.2469918	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
N. BIA 125	43.57082264	-102.2469652	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
N. BIA 125	43.57116418	-102.2475644	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
N. BIA 125	43.58238626	-102.2566122	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
N. BIA 125	43.58478387	-102.2592387	30	30	W1-5L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
N. BIA 125	43.61477683	-102.2721	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.61478245	-102.2720612	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.61789421	-102.27301	36	36	W8-18	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Road May Flood			
N. BIA 125	43.61789421	-102.27301	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Road May FloodSpecial Detail L01		
N. BIA 125	43.62031075	-102.2733079	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
N. BIA 125	43.62035062	-102.2734452	36	36	W8-18	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Road May Flood			
N. BIA 125	43.62035062	-102.2734452	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Road May FloodSpecial Detail L01		
N. BIA 125	43.66534595	-102.3373055	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.66538021	-102.3372392	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
N. BIA 125	43.68560393	-102.3570151	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
N. BIA 125	43.68704163	-102.358129	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
N. BIA 125	43.68704163	-102.358129	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.68704163	-102.358129	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
N. BIA 125	43.58318355	-102.2567182	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
N. BIA 125	43.58318355	-102.2567182	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Oglala Dam Rd	43.18234587	-102.7395662	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
Oglala Dam Rd	43.18254583	-102.7393709	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Pow Wow Ln			
Oglala Dam Rd	43.18254583	-102.7393709	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Oglala Dam Rd	Mount Below Street Sign		
Oglala Dam Rd	43.18593224	-102.7396704	36	12	D3-1	N-S	R/R	3	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: 3rd St			
Oglala Dam Rd	43.18593224	-102.7396704	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Oglala Dam Rd	Mount Below Street Sign		
Old Sundance Rd	43.02749084	-102.5441481			D3-1	E-W	IN PL			2			IN PL	1	Street Name: Old Sundance Rd			
Old Sundance Rd	43.02749084	-102.5441481			D3-1	N-S	IN PL			2					Street Name: E Main St			
Old Sundance Rd	43.02756592	-102.5443457	30	30	R1-1	North	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Old Sundance Rd	43.02756592	-102.5443457			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Old Sundance Rd	43.02763165	-102.544153	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			

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PH 8057(04)	136	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Old Sundance Rd	43.02763165	-102.544153	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaitenanceSpecial Detail L02		
Old Sundance Rd	43.02890562	-102.544092	30	30	W3-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Old Sundance Rd	43.03051925	-102.5431939	30	30	W1-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Old Sundance Rd	43.03051925	-102.5431939	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Right Curve/IntersectionSpecial Detail L01		
Old Sundance Rd	43.03079627	-102.5432808	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Old Sundance Rd	43.03079627	-102.5432808	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance Special Detail L02		
Old Sundance Rd	43.03110214	-102.5428432	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Jack Rabbit Rd			
Old Sundance Rd	43.03110214	-102.5428432	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Old Sundance Rd	Mount under Street Signs		
Old Sundance Rd	43.03122612	-102.5427573	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Old Sundance Rd	43.03122612	-102.5427573			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Old Sundance Rd	43.03134327	-102.5427316	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Old Sundance Rd	43.03134327	-102.5427316	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaitenanceSpecial Detail L02		
Old Sundance Rd	43.03149042	-102.5427552	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Old Sundance Rd	43.03149042	-102.5427552	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Left Curve/IntersectionSpecial Detail L01		
Old Sundance Rd	43.03621322	-102.537789	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Old Sundance Rd	43.03621322	-102.537789	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Reverse Curve Special Detail L01		
Old Sundance Rd	43.03754472	-102.5365073	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Old Sundance Rd	43.03754472	-102.5365073	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Reverse Curve Special Detail L01		
Oller Rd	43.09007603	-102.1807441	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount under Street Signs		
Oller Rd	43.09007603	-102.1807441			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Oller Rd	43.09008487	-102.1740331	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street Signs		
Oller Rd	43.09008487	-102.1740331	42	12	D3-1	N-S	NEW	3.5	IV	2					Street Name: Oller Rd	Mount above Stop Sign		
Oller Rd	43.09008487	-102.1740331	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: US 18	Mount above Stop Sign		
Oller Rd	43.09008487	-102.1740331			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Oller Rd	43.09009953	-102.1804534	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Oller Rd	43.09009953	-102.1804534	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaitenanceSpecial Detail L02		
Oller Rd	43.0901451	-102.180722	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Oller Rd	43.0901451	-102.180722	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaitenanceSpecial Detail L02		
Oller Rd	43.0901531	-102.1742239	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Oller Rd	43.0901531	-102.1742239	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Oller Rd	43.09018074	-102.1804962	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount under Street Signs		
Oller Rd	43.09018074	-102.1804962	42	12	D3-1	N-S	NEW	3.5	IV	2					Street Name: Oller Rd	Mount above Yield Sign		
Oller Rd	43.09018074	-102.1804962	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 13	Mount above Yield Sign		
Oller Rd	43.09018074	-102.1804962			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Oller Rd	43.09020785	-102.1739776			D3-1	N-S	D/R			2			REM	1	Street Name: Oller Rd			
Oller Rd	43.09022502	-102.2188076	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Oller Rd	43.09022502	-102.2188076	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Oller Rd	43.09030225	-102.2189805	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount below Street Signs		
Oller Rd	43.09030225	-102.2189805	42	12	D3-1	N-S	NEW	3.5	IV	2					Street Name: Oller Rd	Mount above Yield Sign		
Oller Rd	43.09030225	-102.2189805	62	12	D3-1	E-W	NEW	5.2	IV	2					Street Name: County Rd 11	Mount above Yield Sign		
Oller Rd	43.09030225	-102.2189805			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Red Cloud Rd	43.02614948	-102.5797488			D3-1	N-S	IN PL			4			IN PL	1	Street Name: BIA 32 & Red Cloud Rd			
Red Cloud Rd	43.02615599	-102.5799233	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Red Cloud Rd	43.02615599	-102.5799233			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Red Cloud Rd	43.02623568	-102.5798054	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Red Cloud Rd	43.02678978	-102.5803671	30	30	W18-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Redwood Ln	43.25178283	-102.4627365	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Redwood Ln	43.2517836	-102.4628316	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Redwood Ln	43.25274642	-102.4624087	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Redwood Ln	43.25356127	-102.4620937	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Redwood Ln	43.25356127	-102.4620937	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Redwood Ln	43.25360161	-102.4632946	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Redwood Ln	43.255068	-102.4648689	36	36	W1-10cL	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
Redwood Ln	43.25511822	-102.4660372	36	36	W1-10bR	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			



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PH 8057(04)	138	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Redwood Ln	43.25514395	-102.4666843	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Redwood Ln	43.25514642	-102.4667671	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Redwood Ln	43.25514642	-102.4667671	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Redwood Ln	43.25514642	-102.4667671	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Redwood Ln	43.25519742	-102.4666509	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Redwood Ln	43.25525761	-102.4667515	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Redwood Ln	43.25525761	-102.4667515			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Redwood Ln	43.25528939	-102.4667581			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 33			
Redwood Ln	43.25528939	-102.4667581			D3-1	N-S	IN PL			2					Street Name: Redwood Ln			
Redwood Ln	43.25529608	-102.4669901	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Redwood Ln	43.25529608	-102.4669901			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Rockyford School Rd	43.48233083	-102.4896178	36	36	S1-1	West	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Rockyford School Rd	43.48233083	-102.4896178	24	12	W16-9P	West	NEW	2	XI	1					Ahead (plaque) - Fluorescent Yellow-Green	Mount under School Crossing		
Rockyford School Rd	43.48255313	-102.4887501	36	36	S1-1	South	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Rockyford School Rd	43.48255313	-102.4887501	21	15	W16-7PL	South	NEW	2.2	XI	1					Downward Diagonal Left Arrow (plaque) - Fluorescent Yellow-Green	Mount below School Crossing		
Rockyford School Rd	43.4826343	-102.4889799	36	36	R1-2	North	R/S	3.9	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Yield			
Rockyford School Rd	43.4826343	-102.4889799			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Rockyford School Rd	43.48273307	-102.4888378			R2-1	South	IN PL			1			IN PL	1	Speed Limit - 15 mph			
Rockyford School Rd	43.48302651	-102.4889859	36	36	S1-1	North	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Rockyford School Rd	43.48302651	-102.4889859	24	12	W16-9P	North	NEW	2	XI	1					Ahead (plaque) - Fluorescent Yellow-Green	Mount under School Crossing		
Rockyford School Rd	43.48308627	-102.4890646			D3-1	E-W	IN PL			2			IN PL	1	Street Name: Cliff Dr			
Rockyford School Rd	43.48340854	-102.4890096	30	30	W15-1	North	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Playground - Fluorescent Yellow-Green			
Rockyford School Rd	43.48398811	-102.4890158	24	30	R2-1	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 15 mph			
Rockyford School Rd	43.4845023	-102.4888027			R1-1	South	IN PL			1			IN PL	1	Stop			
Rockyford School Rd	43.4845023	-102.4888027			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
Rockyford School Rd	43.48450999	-102.4890753	42	12	D3-1a	N-S	R/R	3.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: BIA 33			
Rockyford School Rd	43.48450999	-102.4890753			D3-1	N-S	R/S/S			2					Street Name: Rockyford School Rd	Mount under Street Signs		

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TABLE OF PERMANENT SIGNING

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 100	43.09552006	-102.6064701	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 100	43.09560011	-102.606695	30	30	W18-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 100	43.09620392	-102.6066387	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 100	43.09620392	-102.6066387	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 100	43.09620392	-102.6066387	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 100	43.09623788	-102.6063443	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street SignsSpecial Detail L42		
Route 100	43.09623788	-102.6063443	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Sierra Rd	Mount above Stop Sign		
Route 100	43.09623788	-102.6063443	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount above Stop Sign		
Route 100	43.09623788	-102.6063443			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 100	43.09650863	-102.6062661	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Route 100	43.09650863	-102.6062661			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 107	43.40434821	-102.1612414	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Route 107	43.40434821	-102.1612414			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 107	43.40448871	-102.1613388	30	12	D3-1	E-W	NEW	2.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: BIA 4			
Route 107	43.40448871	-102.1613388	48	12	D3-1	N-S	NEW	4	IV	2					Street Name: Route 107	Mount under Street Signs		
Route 107	43.40449429	-102.1685316	30	30	W1-1R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 107	43.40449429	-102.1685316	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Moutn under Right TurnSpecial Detail L01		
Route 107	43.40548322	-102.170217	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Route 107	43.40548322	-102.170217	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Moutn under Left TurnSpecial Detail L01		
Route 107	43.41552737	-102.1700751	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 107	43.41606436	-102.1701065	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 107	43.41606436	-102.1701065	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 107	43.41664152	-102.1701679	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 140ft, C=30ft		
Route 107	43.41664152	-102.1701679	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 140ft, S=30ft, delineators only along south tangent		
Route 107	43.4167573	-102.1698856	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Route 107	43.4167573	-102.1698856			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 107	43.41690469	-102.1697788	48	24	W1-7	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		



TABLE OF PERMANENT SIGNING

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 107	43.41690469	-102.1697788			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 107	43.41693084	-102.1699997			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 107			
Route 107	43.41693084	-102.1699997			D3-1	E-W	R/S/S			2					Street Name: BIA 4			
Route 112	43.04663693	-102.238995	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 112	43.04663693	-102.238995			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 112	43.04665473	-102.2387615	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 112	Mount at Top		
Route 112	43.04665473	-102.2387615	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount At Bottom		
Route 112	43.06100798	-102.2389291	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 112	Mounted at Top		
Route 112	43.06100798	-102.2389291	62	12	D3-1	N-S	NEW	5.2	IV	2					Street Name: County Rd 17	Mount under Street Sign		
Route 112	43.06101528	-102.2387514	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Route 112	43.06101528	-102.2387514			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 112	43.06119879	-102.2387908	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 112	43.06119879	-102.2387908	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintensnceSpecial Detail L02		
Route 114	43.04951033	-102.3032789	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 114	43.04951033	-102.3032789			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 114	43.04959895	-102.3030184			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 114			
Route 114	43.04959895	-102.3030184	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount under Street Signs		
Route 114	43.04968789	-102.3031072	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 114	43.04968789	-102.3031072	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 114	43.06095549	-102.3032144	36	36	W70-2	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 114	43.06095549	-102.3032144	24	18	W70-4	North	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 119	43.04654466	-102.4556788	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 119	43.04654466	-102.4556788	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 119	43.04654466	-102.4556788	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 119	43.04672571	-102.4556608	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 119	43.04753431	-102.4558108	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 119	43.04753431	-102.4558108	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		



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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 119	43.06242487	-102.45579	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 119	43.06242672	-102.4556758	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 119	43.06245452	-102.45579	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 119	43.06245637	-102.4556758	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 119	43.06734143	-102.4556705	36	36	W1-10bL	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
Route 119	43.06734143	-102.4556705	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 119	43.06806085	-102.4645029	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 119	43.06806786	-102.4645552	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 119	43.0680899	-102.456914	36	36	W1-10cR	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Route 119	43.0680899	-102.456914	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 119	43.06809982	-102.4564933	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 119	43.06813914	-102.4564949	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 119	43.06819292	-102.4632049	30	30	W1-1R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 119	43.06819292	-102.4632049	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 119	43.06824911	-102.4554713			W1-8	South	D/R			1					Chevron Alignment	mounted on power pole		
Route 119	43.06872875	-102.465061	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Route 119	43.06872875	-102.465061	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 121	42.99872765	-102.4913222	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 390ft, S=55ft, delineators only along east tangent		
Route 121	42.99872765	-102.4913222	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 390ft, C=55ft		
Route 121	42.99884966	-102.492747	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 600ft, C=55ft		
Route 121	42.99893949	-102.4905683	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 121	42.99893949	-102.4905683	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Route 121	42.99919501	-102.4404065	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Route 121	42.99919501	-102.4404065	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 121	42.99966491	-102.4947155	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 121	42.99966784	-102.4406473			W70-1	West	IN PL			1			IN PL	1	Minimum Maintenance			
Route 121	42.99967895	-102.4404731	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			



TABLE OF PERMANENT SIGNING

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 121	42.99968189	-102.4971754	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99968392	-102.4972211	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99968726	-102.496344	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 121	42.99968726	-102.496344	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Route 121	42.99971923	-102.4405471	4	4	DelW	E-W	NEW	0.1	XI	12	1.12 Lb/Ft	U-CHANNEL	NEW	6	4"x4" White Delineator Back to Back	Radius: 97ft, S=20ft, delineators along tangents only		
Route 121	42.99971947	-102.4418331	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 121	42.99971947	-102.4418331	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 121	42.99972542	-102.470219	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99972662	-102.4714919	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
Route 121	42.99973049	-102.4946763	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 121	42.99973975	-102.4946122	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 548ft, S=65ft, delineators only along west tangent		
Route 121	42.99973975	-102.4946122	18	24	W1-8	E-W	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 548ft, C=115ft		
Route 121	42.99974829	-102.4405481	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 121	42.9998069	-102.4714818	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99984499	-102.4971698	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99984702	-102.4972155	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99984826	-102.5314261	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99987702	-102.5380648	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 121	42.99988835	-102.5442332	30	30	W2-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Left Side Road			
Route 121	42.99989454	-102.5543274			D3-1	N-S	D/R			2			REM	1	Street Name: 790 Rd			
Route 121	42.99989454	-102.5543274			D3-1	E-W	D/R			2					Street Name: ST HWY 87			
Route 121	42.99998025	-102.5427176	30	30	W2-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Right Side Road			
Route 121	43.0000107	-102.5435915	54	12	D3-1	E-W	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Horse Thief Pwky			
Route 121	43.0000107	-102.5435915	48	12	D3-1	N-S	NEW	4	IV	2					Street Name: Route 121	Mount under Street Signs		
Route 121	43.00001784	-102.5542403	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 121	43.00001784	-102.5542403			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 121	43.00002058	-102.5523219	30	24	M1-5	East	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	State Route (3 digits): SD 407			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
3/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 143 | TOTAL SHEETS: 168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 121	43.00002058	-102.5523219	21	15	M2-1P	East	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Route 121	43.00002438	-102.5380595	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Route 121	43.00002506	-102.5314559	6	12	OM2-2V	E-W	R/R	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)			
Route 121	43.00006292	-102.5542905			D3-1	E-W	IN PL			2			IN PL	1	Street Name: US 407	Mounted at Top		
Route 121	43.00006292	-102.5542905			D3-1	N-S	IN PL			2					Street Name: Route 121	Mounted at Bottom		
Route 123	43.04657204	-102.435756	48	12	D3-1	E-W	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 123			
Route 123	43.04657204	-102.435756	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	mount at top		
Route 123	43.04657204	-102.435756			D3-1	South	R/S/S			1					Street Name: Fuels Break G	match existing mounting location		
Route 123	43.04658205	-102.436041	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 123	43.04658205	-102.436041			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 123	43.04668552	-102.435862	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 123	43.04668552	-102.435862	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 123	43.04668552	-102.435862	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 123	43.06823667	-102.4359669	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 123	43.0682381	-102.4358852	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 123	43.0846053	-102.3773026	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Route 123	43.0846053	-102.3773026			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 123	43.08482974	-102.3773285			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 27			
Route 123	43.08482974	-102.3773285			D3-1	N-S	IN PL			2					Street Name: Route 123			
Route 123	43.08492063	-102.377501	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 123	43.08492063	-102.377501	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Route 123	43.08557212	-102.3777243	30	30	W1-1L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Route 123	43.08557212	-102.3777243	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 123	43.08589871	-102.3778655	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 123	43.08603622	-102.3781538	48	24	W1-6L	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 123	43.08604203	-102.3787547	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 123	43.08619951	-102.379666	30	30	W1-1R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			

PROFESSIONAL ENGINEER REG. NO. 17616 ISAAC BERG 1/9/2026 SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	144	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 123	43.08619951	-102.379666	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 123	43.08742514	-102.3860801	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 123	43.08742514	-102.3860801	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 4 Miles	Mount under Winding RoadSpecial Detail L01		
Route 123	43.08742514	-102.3860801	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Distance Plaque		
Route 123	43.0878821	-102.4356379	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 123	43.0878821	-102.4356379	24	18	W7-3aP	South	NEW	3	XI	1					Next XX Miles (plaque): Next 4 Miles	Mount under Winding RoadSpecial Detail L01		
Route 123	43.0878821	-102.4356379	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Distance Plaque		
Route 123	43.08903592	-102.4356669	36	36	W1-10bR	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Route 123	43.08984931	-102.433744	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 123	43.09001992	-102.3891971	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 123	43.09007412	-102.3891064	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 123	43.09111527	-102.3902746	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 129	43.01389827	-102.4554784	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 129	43.01456749	-102.4555638	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 129	43.01456749	-102.4555638	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detal L01		
Route 129	43.02832721	-102.4557388	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
Route 129	43.02835996	-102.4554444	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	REPL	1	Object Marker Type 2 (Back to Back)	existing conditions: post with no signs		
Route 129	43.03182166	-102.455684	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 129	43.03935139	-102.4557613					N/S						REM	1				
Route 129	43.03939846	-102.455574			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.03960813	-102.4557847			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.03964428	-102.4555828	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Route 129	43.03964428	-102.4555828	18	18	W13-1P	South	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detal L01		
Route 129	43.0400617	-102.4555271			W1-4R	South	D/S			1			REM	1	Horizontal Alignment - Right Reverse Curve			
Route 129	43.04015583	-102.4555798			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04039117	-102.4557145					N/S						REM	1				
Route 129	43.04076757	-102.455599	4	4	DelW	N-S	NEW	0.1	XI	18	1.12 Lb/Ft	U-CHANNEL	NEW	9	4"x4" White Delineator Back to Back	Radius: 1365ft, S=110ft, no delineators along North tangent		

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TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	145	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 129	43.04083312	-102.4555681			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04090586	-102.4554042			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04110243	-102.4552616	30	30	W3-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 129	43.04161615	-102.4550061					N/S						REM	1				
Route 129	43.04169141	-102.4549501			W3-1	South	D/R			1			REM	1	Stop Ahead			
Route 129	43.04173016	-102.4549207			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Tatanka Ohitika Ln			
Route 129	43.04173016	-102.4549207	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Route 129	Mount under Street Signs		
Route 129	43.0419859	-102.4547553	24	24	M1-4	South	NEW	4	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	U.S. Route (1, 2 digits): US 18			
Route 129	43.0419859	-102.4547553	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Route 129	43.04200592	-102.4547713			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04236958	-102.4547372			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.0424289	-102.4547414	18	24	W1-8	N-S	NEW	3	XI	6	2" 12 Gauge	SQ TUBE	NEW	4	Chevron Alignment	Radius: 275ft, C=85ft		
Route 129	43.04261925	-102.4550246	30	30	W1-4R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Route 129	43.04261925	-102.4550246	18	18	W13-1P	North	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Mount under Reverse Turn		
Route 129	43.04280559	-102.455163			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04283358	-102.4552857			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 129			
Route 129	43.04283358	-102.4552857	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount under Street Signs		
Route 129	43.04288024	-102.4550279			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 129	43.04295391	-102.455101	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 129	43.04295391	-102.455101			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 131	43.03153638	-102.4855374	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 131	43.03156873	-102.4858717			W1-6R	East	IN PL			1			IN PL	2	Large Right Arrow (1-direction)			
Route 131	43.03164653	-102.4858534	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 131	43.03166097	-102.4851554			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back	existing post missing delineators		
Route 131	43.03166283	-102.4854905			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 131	43.03170475	-102.4857075					N/S						REM	1				
Route 131	43.03171154	-102.4852943			DelW	N-S	D/R			2			REM	1	4"x4" White Delineator Back to Back			

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TABLE OF PERMANENT SIGNING

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KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 146 | TOTAL SHEETS: 168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 131	43.03175421	-102.4861197	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 131	Mount at Top		
Route 131	43.03175421	-102.4861197	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount at Bottom		
Route 131	43.03177103	-102.4845997			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 131	43.03178965	-102.4831435			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 131	43.03179133	-102.4841533			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 131	43.03179459	-102.4821649			DelW	E-W	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Route 131	43.0318019	-102.4737425	18	18	OM4-1	E-W	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Route 131	43.03180633	-102.4856899	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Route 131	43.03180633	-102.4856899			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 131	43.03184299	-102.4847792	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 512ft, C=35ft		
Route 131	43.03184299	-102.4847792	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 512ft, S=50ft, delineators only along east tangent		
Route 131	43.03187812	-102.4842112	30	30	W1-3L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
Route 131	43.03187812	-102.4842112	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
Route 131	43.03187814	-102.4840756			W3-1	East	D/S			1			REM	1	Stop Ahead			
Route 131	43.03189028	-102.4836179	30	30	W3-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 131	43.03192662	-102.4737451	18	18	OM4-1	E-W	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Route 145	43.51667508	-102.1990084	36	36	W70-2	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 145	43.51667508	-102.1990084	24	18	W70-4	West	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 145	43.52074858	-102.077256	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 145			
Route 145	43.52074858	-102.077256	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Bombing Range Rd	Mount under Street Sign		
Route 145	43.5207703	-102.0773262	36	36	W70-2	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 145	43.5207703	-102.0773262	24	18	W70-4	East	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 550	43.46153479	-102.4504309	36	36	W70-2	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 550	43.46153479	-102.4504309	24	18	W70-4	West	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 550	43.46154066	-102.4502007	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 557	43.44566222	-102.3133359	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 557	43.44566222	-102.3133359	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 557	43.48738831	-102.2565817	36	36	W70-2	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 557	43.48738831	-102.2565817	24	18	W70-4	East	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 571	43.06116757	-102.2586551	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 571	43.06116757	-102.2586551	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Route 571	43.06141724	-102.2586371	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 588	43.25528445	-102.4651489	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 588			
Route 588	43.25528445	-102.4651489	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Redwood Ln	Mount under street Sign		
Route 588	43.25532814	-102.4649388	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 588	43.25532814	-102.4649388	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 588	43.25532814	-102.4649388	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 588	43.25545267	-102.4645844	30	30	W14-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 588	43.25571184	-102.4641831	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 611	43.27209964	-102.7133459	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 611	43.27209964	-102.7133459	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 611	43.27209964	-102.7133459	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under No Maintenance		
Route 611	43.30335545	-102.7178585	30	30	W1-3L	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
Route 611	43.30335545	-102.7178585	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)			
Route 611	43.30380558	-102.7200085	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 611	43.3038084	-102.7199528	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 611	43.30428286	-102.720112	30	30	W1-3L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Reverse Turn			
Route 611	43.30428286	-102.720112	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)			
Route 611	43.32191697	-102.7277517	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 611	43.32191697	-102.7277517	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Min Maintenance, Special Detail L02		
Route 611	43.32191697	-102.7277517	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Min Maintenance		
Route 611	43.32271506	-102.7280679	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 611	43.32271506	-102.7280679	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 611	43.33295518	-102.7495564	36	36	W70-2	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			



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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 611	43.33295518	-102.7495564	24	18	W70-4	North	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 617	43.03187175	-102.4360177	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount under Street Signs		
Route 617	43.03187175	-102.4360177	42	12	D3-1a	E-W	NEW	3.5	IV	2					Street Name with BIA Arrowhead: BIA 29	Mount above Yield Sign		
Route 617	43.03187175	-102.4360177	48	12	D3-1	N-S	NEW	4	IV	2					Street Name: Route 617	Mount above Yield Sign		
Route 617	43.03187175	-102.4360177			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 617	43.03195529	-102.4554576	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Mount below Street SignsSpecial Detail L42		
Route 617	43.03195529	-102.4554576	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Route 129	Mount above Yield Sign		
Route 617	43.03195529	-102.4554576	48	12	D3-1	N-S	NEW	4	IV	2					Street Name: Route 617	Mount above Yield Sign		
Route 617	43.03195529	-102.4554576			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 676	43.46156026	-102.5444811	36	36	W70-2	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 676	43.46156026	-102.5444811	24	18	W70-4	East	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 716	43.40523624	-102.5242709	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Route 716	43.40523624	-102.5242709			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 716	43.40525832	-102.524508	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 716	43.40535824	-102.5246056	30	30	W14-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 716	43.40536139	-102.5244972	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 716	43.40536154	-102.5242825	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 716	43.40536154	-102.5242825	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
Route 717	43.37785096	-102.5042593	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 717	43.37785096	-102.5042593	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
Route 717	43.37824411	-102.5042608	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 802	43.39695915	-101.7522441	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 802	43.39700088	-101.7522779	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 802	43.397894	-101.7492539	30	30	W14-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 802	43.39790646	-101.7490834	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 802	43.39793447	-101.7489412	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L01		
Route 802	43.39793447	-101.7489412			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		



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FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 802	43.39793984	-101.7491252	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 802	43.39798336	-101.7490741	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 802	43.39798336	-101.7490741	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 802	43.39798336	-101.7490741	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 802	43.39805173	-101.7490457	48	12	D3-1	N-S	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 802	Mount at Top		
Route 802	43.39805173	-101.7490457	54	12	D3-1a	E-W	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Hisle Rd	Mount under Street Signs		
Route 85	43.12520822	-102.9280855	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12527234	-102.9280682	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12533146	-102.9264992	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right	Mount above Advisory Speed Plaque		
Route 85	43.12533146	-102.9264992	18	18	W13-1P	East	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount below Right Reverse TurnSpecial Detail L01		
Route 85	43.1255092	-102.9298518	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)	Mount above Advisory Speed Plaque		
Route 85	43.12555119	-102.9123386	30	30	W1-4R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve	Mount above Advisory Speed Plaque		
Route 85	43.12555119	-102.9123386	18	18	W13-1P	East	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L01		
Route 85	43.12572303	-102.9107999	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve	Mount above Advisory Speed Plaque		
Route 85	43.12572303	-102.9107999	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L01		
Route 85	43.12575723	-102.9172175	30	30	W1-4R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve	Mount above Advisory Speed Plaque		
Route 85	43.12575723	-102.9172175	18	18	W13-1P	West	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L01		
Route 85	43.12576001	-102.9184615	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.1257682	-102.904026	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12577674	-102.9047326	30	30	W1-1L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			
Route 85	43.12577674	-102.9047326	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount Below Left TurnSpecial Detail L01		
Route 85	43.12578978	-102.9178824	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12580092	-102.9097265	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.12580275	-102.9096464	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.12582963	-102.903734	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 85	43.12582963	-102.903734	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 85	43.12583243	-102.9184615	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			



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Route 85	43.12583283	-102.931252	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right	Mount above Advisory Speed Plaque		
Route 85	43.12583283	-102.931252	18	18	W13-1P	West	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount below Right Reverse TurnSpecial Detail L01		
Route 85	43.12584167	-102.917887	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12584949	-102.9104083	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.12584969	-102.9376091	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 85	43.12584969	-102.9376091	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 85	43.12584969	-102.9376091	18	18	W13-1P	West	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 85	43.12585168	-102.9040248	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12586917	-102.9378157			D3-1	E-W	D/R			2			REM	1	Street Name: County Rd 8			
Route 85	43.12589004	-102.9301956	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)	Mount above Advisory Speed Plaque		
Route 85	43.12589409	-102.909729	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.12589592	-102.9096489	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.12594841	-102.9093372	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve	Mount above Advisory Speed Plaque		
Route 85	43.12594841	-102.9093372	18	18	W13-1P	East	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L01		
Route 85	43.12596502	-102.9378803	54	12	D3-1	E-W	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: County Rd 8			
Route 85	43.12596502	-102.9378803	54	12	D3-1R	South	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.10 - Route 85			
Route 85	43.12596502	-102.9378803	48	21	D3-1L	South	NEW	7	IV	1					Street Name with Left Arrow: SS3.6 - County Rd 8			
Route 85	43.12599833	-102.9378221	36	36	R1-2	East	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Route 85	43.12599833	-102.9378221			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 85	43.12651879	-102.9038024	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn	Mount above Advisory Speed Plaque		
Route 85	43.12651879	-102.9038024	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount Below Right TurnSpecial Detail L01		
Route 85	43.12960206	-102.9036664	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn	Mount above Advisory Speed Plaque		
Route 85	43.12960206	-102.9036664	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 85	43.12984748	-102.9037577	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.12986365	-102.9036629	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.13021776	-102.8113929	30	30	R1-1	West	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Route 85	43.13021776	-102.8113929			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

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Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 85	43.13024813	-102.8115471	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.1302683	-102.85447	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.13028692	-102.8591534	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Route 85	43.13029942	-102.8115513	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.13030553	-102.9037192	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 85	43.13030553	-102.9037192	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 85	43.13031295	-102.811667	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 85	43.13031295	-102.811667	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 85	43.13031295	-102.811667	18	18	W13-1P	East	NEW	2.3	XI	1					35 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 85	43.13031761	-102.8872741	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 85	43.1303769	-102.8114787			D3-1	N-S	IN PL			4			IN PL	1	Street Name: Route 85 & BIA 41			
Route 85	43.13039931	-102.9024153	30	30	W1-1L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn	Mount above Advisory Speed Plaque		
Route 85	43.13039931	-102.9024153	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Left TurnSpecial Detail L01		
Route 85	43.13039976	-102.8872786	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 86	43.14858156	-102.9563287	42	12	D3-1	E-W	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 86			
Route 86	43.14858156	-102.9563287	54	12	D3-1	N-S	NEW	4.5	IV	2					Street Name: County Rd 8	Mounted Below Route 86		
Route 86	43.14875073	-102.9561725	36	36	W70-2	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 86	43.14875073	-102.9561725	24	18	W70-4	South	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 86	43.18804828	-102.9564262	36	36	W70-2	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	No Maintenance			
Route 86	43.18804828	-102.9564262	24	18	W70-4	North	NEW	3	XI	1					No Travel Advised (plaque)	Mount under No MaintenanceSpecial Detail L02		
Route 86	43.18821615	-102.9562163	42	12	D3-1	E-W	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 86			
Route 86	43.18821615	-102.9562163	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mounted Below Route 86		
Route 87	43.19055033	-102.8275271			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 87			
Route 87	43.19055033	-102.8275271	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount below Existing Street Sign		
Route 87	43.19057961	-102.8277301	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Route 87	43.19057961	-102.8277301			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 87	43.19064848	-102.8275246	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			



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Route 87	43.19064848	-102.8275246	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 87	43.19064848	-102.8275246	18	18	W13-1P	South	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 87	43.19078317	-102.8274733	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Route 87	43.19095467	-102.8273638	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 89	43.1509133	-102.786078	30	30	W1-5R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 89	43.15149629	-102.7861532	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 89	43.15170392	-102.7860637	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 89	43.1517572	-102.7860265	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 89	43.15176597	-102.786039	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Route 89	43.15180773	-102.7860371	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Route 89	43.151846	-102.7860457	18	18	OM4-1	East	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Route 89	43.15184963	-102.786025	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 89	43.15191596	-102.7860697	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 89	43.15191596	-102.7860697	12	36	OM3	N-S	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 89	43.1698468	-102.7838146	30	30	W1-5R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Route 89	43.1698468	-102.7838146	24	18	W7-3aP	North	NEW	3	XI	1					Next XX Miles (plaque): Next 6 Miles	Mount under Winding RoadSpecial Detail L01		
Route 89	43.1698468	-102.7838146	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Distance Plaque		
Route 89	43.17323682	-102.7788869	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 89	43.17362197	-102.7788883	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 89	43.17362297	-102.7787989	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 89	43.17408124	-102.7789385	30	30	W1-1R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Route 89	43.17408124	-102.7789385	18	18	W13-1P	North	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Right TurnSpecial Detail L01		
Route 89	43.18746975	-102.7790056	30	30	W14-2	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Outlet			
Route 89	43.18778816	-102.7789873	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 89	43.18778816	-102.7789873	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
Route 89	43.18795219	-102.7790647			D3-1	E-W	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Route 89			
Route 89	43.18795219	-102.7790647	30	12	D3-1	N-S	NEW	2.5	IV	2					Street Name: US 18	Mount below Street Signs		
Route 89	43.18795853	-102.7787414	30	30	R1-1	South	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			

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TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 89	43.18795853	-102.7787414			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 93	43.03892523	-102.5353166	30	30	W1-3R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
Route 93	43.03892523	-102.5353166	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding Road Special Detail L01		
Route 93	43.03964922	-102.5326418	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 93	43.03964922	-102.5326418	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 93	43.03983445	-102.534796	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 93	43.03983445	-102.534796	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 93	43.04054521	-102.5323032	30	30	W1-3R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
Route 93	43.04054521	-102.5323032	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Winding Road Special Detail L01		
Route 93	43.04548533	-102.5311093	30	30	W2-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - Crossroad			
Route 93	43.04589402	-102.5312447	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 93	43.04589402	-102.5312447	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaitenanceSpecial Detail L02		
Route 93	43.04601822	-102.5310521	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Route 93	43.04601822	-102.5310521	18	18	W13-1P	South	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under No Traffic SignsSpecial Detail L01		
Route 93	43.04613329	-102.5313068	42	12	D3-1	E-W	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Route 93	Mount under Street Signs		
Route 93	43.04613329	-102.5313068	54	12	D3-1R	South	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.11 - Route 93	Mount Back-to-Back With North		
Route 93	43.04613329	-102.5313068	54	12	D3-1L	North	NEW	4.5	IV	1					Street Name with Left Arrow: SS3.11 - Route 93			
Route 94	43.15887163	-102.693145	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Route 94	43.15887163	-102.693145			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 94	43.15895556	-102.6927401	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 94	43.15895556	-102.6927401	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 94	43.15895556	-102.6927401	18	18	W13-1P	West	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 94	43.15902085	-102.6924002	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.15902638	-102.6929027	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount below Street SignsSpecial Detail L42		
Route 94	43.15902638	-102.6929027	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: US 18	Mount above Stop Sign		
Route 94	43.15902638	-102.6929027			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 94	43.15905333	-102.6916408	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	154	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 94	43.15905333	-102.6916408	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 17 Miles	Mount under Winding RoadSpecial Detail L01		
Route 94	43.15907694	-102.6928471			D3-1	N-S	R/S/S			2			REM	1	Street Name: Route 94			
Route 94	43.15909824	-102.692403	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.15911932	-102.6916488	30	30	W3-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Route 94	43.16388983	-102.6803544	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.16394355	-102.6805247	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.17032969	-102.6721836	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.17036116	-102.6723778	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.17340174	-102.6707202	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.17343125	-102.6708213	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.22967164	-102.5833451	30	30	W11-5	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Farm Vehicle			
Route 94	43.22967164	-102.5833451	18	18	W13-1P	West	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Farm VehicleSpecial Detail L01		
Route 94	43.23241886	-102.5819347	30	30	W11-5	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Farm Vehicle			
Route 94	43.23241886	-102.5819347	18	18	W13-1P	North	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Farm VehicleSpecial Detail L01		
Route 94	43.25971325	-102.5652018	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.25971769	-102.5652704	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Route 94	43.26642017	-102.5543837	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.26649127	-102.5542168	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.26704022	-102.5505965	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.26707487	-102.5504948	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.26708681	-102.5503636	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.27343258	-102.5252188	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Singing - Layout B		
Route 94	43.27348389	-102.5253233	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Singing - Layout B		
Route 94	43.27570712	-102.5135794	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Route 94	43.27593271	-102.5124072	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Route 94	43.27594036	-102.5131648	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.27598113	-102.5130248	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			

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Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Route 94	43.27599608	-102.5128045	12	36	OM3	E-W	NEW	3	XI	2	2" 12 Gauge	SQ TUBE	NEW	1	Object Marker Type 3 - Back to Back			
Route 94	43.27856183	-102.4956112	30	30	W3-2	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield Ahead			
Route 94	43.27877473	-102.4953862	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Route 94	43.27877473	-102.4953862	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 17 Miles	Mount below Winding RoadSpecial Detail L01		
Route 94	43.2789907	-102.4949143	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Route 94	43.2789907	-102.4949143	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 94	43.2789907	-102.4949143	18	18	W13-1P	East	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Route 94	43.27927185	-102.4943195	36	36	R1-2	South	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield	Special Detail L42		
Route 94	43.27927185	-102.4943195			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Route 94	43.27929614	-102.4946566	42	12	D3-1a	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name with BIA Arrowhead: BIA 24			
Route 94	43.27929614	-102.4946566	42	12	D3-1	E-W	NEW	3.5	IV	2					Street Name: Route 94	Mount under Street Signs		
Route 94	43.27947089	-102.4943701	48	24	W1-7	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Route 94	43.27947089	-102.4943701			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Sand Creek Rd	43.52044213	-102.6747754	30	30	W14-1	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Sand Creek Rd	43.52065654	-102.6747589	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Sand Creek Rd	43.52065654	-102.6747589	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sand Creek Rd	43.52065654	-102.6747589	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sand Creek Rd	43.52070405	-102.6746404	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Sand Creek Rd	43.52070405	-102.6746404			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Sand Creek Rd	43.52074208	-102.6744845			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
Sand Creek Rd	43.52074208	-102.6744845			D3-1	E-W	IN PL			2					Street Name: Sand Creek Rd	Mount under Street Signs		
Shawl Ave	43.02560706	-102.5800172	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Shawl Ave	43.02560706	-102.5800172			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Shawl Ave	43.02563218	-102.5799487	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Shawl Ave			
Shawl Ave	43.02563218	-102.5799487	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: Flag Rd	Mount under Street Signs		
Shawl Ave	43.0257866	-102.5799347			D3-1	E-W	D/R			2			REM	1	Street Name: Shawl Ave			
Sheep Mountain Rd	43.68744412	-102.5749969	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			

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PH 8057(04)	156	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Sheep Mountain Rd	43.68744412	-102.5749969	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sheep Mountain Rd	43.68744412	-102.5749969	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sioux Circle	43.57065824	-101.6530472	48	12	D3-1	North	R/R	4	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Sioux Ave			
Sioux Circle	43.57065824	-101.6530472	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Sioux Cir	Mount Below Street Signs		
Sioux Circle	43.57158854	-101.6527565			D3-1	N-S	D/R			2			REM	1	Street Name: Sioux Cir			
Sioux Circle	43.57158854	-101.6527565			D3-1	E-W	D/R			2					Street Name: Sioux Cir			
Sioux Circle	43.572446	-101.6528146	62	12	D3-1	South	R/R	5.2	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Arrowhead Dr			
Sioux Circle	43.572446	-101.6528146	48	12	D3-1	East	R/R	4	IV	1					Street Name: Sioux Cir	Mount under Street Signs		
Smithwick Rd	43.25029279	-102.8177768	48	24	W1-7	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Smithwick Rd	43.25029279	-102.8177768			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Smithwick Rd	43.25031625	-102.8179665			R1-1	West	IN PL			1			IN PL	1	Stop			
Smithwick Rd	43.25031625	-102.8179665			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
Smithwick Rd	43.25053398	-102.8179747			D3-1	E-W	IN PL			2			IN PL	1	Street Name: BIA 41			
Smithwick Rd	43.25053398	-102.8179747	54	12	D3-1a	N-S	R/R	4.5	IV	2					Street Name with BIA Arrowhead: Smithwick Rd	Mount Below Street Sign		
Smithwick Rd	43.25183571	-102.820269	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Smithwick Rd	43.25183571	-102.820269	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
Smithwick Rd	43.25395176	-102.8242258	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.25395176	-102.8242258	18	18	W13-1P	East	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Smithwick Rd	43.25438149	-102.8262321	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.25438149	-102.8262321	18	18	W13-1P	West	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Right CurveSpecial Detail L01		
Smithwick Rd	43.25473413	-102.8292725	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25474434	-102.829352	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25483173	-102.82926	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25484195	-102.8293395	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25488198	-102.829624	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.25488283	-102.8315171	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25488393	-102.8311657	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2025
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Smithwick Rd	43.25488589	-102.8315905	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25498822	-102.831515	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25499128	-102.8315884	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.25519747	-102.8491344	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Smithwick Rd	43.255212	-102.8477783	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.255212	-102.8477783	18	18	W13-1P	East	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Right Curve		
Smithwick Rd	43.25525445	-102.849239	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Smithwick Rd	43.25580187	-102.8503082	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.25580187	-102.8503082	18	18	W13-1P	North	NEW	2.3	XI	1					45 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Smithwick Rd	43.26033855	-102.8573492	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.26070744	-102.8582581	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.26335253	-102.8638935	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.26371144	-102.8652249	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.26634662	-102.9011862	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.26645288	-102.8988854	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.26788871	-102.9106346	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.26816681	-102.9120303	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.26861808	-102.8827764	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.26861808	-102.8827764	18	18	W13-1P	East	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Smithwick Rd	43.26865111	-102.885767	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.26865111	-102.885767	18	18	W13-1P	West	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Right Curve		
Smithwick Rd	43.27212351	-102.9216204	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.27215119	-102.9217281	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.2721804	-102.9215813	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.27220962	-102.9216785	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.27232903	-102.9219252	30	30	W1-2L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.27232903	-102.9219252	18	18	W13-1P	East	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount below Left CurveSpecial Detail L01		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	158	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Smithwick Rd	43.2725096	-102.9234188	30	30	W1-2R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.2725096	-102.9234188	18	18	W13-1P	West	NEW	2.3	XI	1					40 mph Advisory Speed (plaque)	Mount below Right CurveSpecial Detail L01		
Smithwick Rd	43.27254975	-102.9224497	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Smithwick Rd	43.27262773	-102.9228821	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Smithwick Rd	43.2726853	-102.9273846	30	30	W1-2R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Smithwick Rd	43.2726853	-102.9273846	18	18	W13-1P	East	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Right Curve		
Smithwick Rd	43.27296887	-102.929479	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Smithwick Rd	43.27296887	-102.929479	18	18	W13-1P	West	NEW	2.3	XI	1					50 mph Advisory Speed (plaque)	Mount under Left CurveSpecial Detail L01		
Smithwick Rd	43.27559329	-102.9365632	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Smithwick Rd	43.27562251	-102.936545	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Smithwick Rd	43.27903888	-102.947171	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Smithwick Rd	43.27903888	-102.947171	18	18	W13-1P	East	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Distance Plaque		
Smithwick Rd	43.27903888	-102.947171	24	18	W7-3aP	East	NEW	3	XI	1					Next XX Miles (plaque): Next 3 Miles	Mount under Winding RoadSpecial Detail L01		
Smithwick Rd	43.28041645	-102.949123	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.28046123	-102.9489999	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.28048114	-102.949164	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.28052592	-102.9490409	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Smithwick Rd	43.28663646	-103.0021023	30	30	W1-5R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Smithwick Rd	43.28663646	-103.0021023	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Mount under Distance Plaque		
Smithwick Rd	43.28663646	-103.0021023	24	18	W7-3aP	West	NEW	3	XI	1					Next XX Miles (plaque): Next 3 Miles	Mount under Winding RoadSpecial Detail L01		
Smithwick Rd	43.28695938	-103.0007513	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Smithwick Rd	43.28695938	-103.0007513	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance Special Detail L02		
Smithwick Rd	43.28697212	-103.0008058	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Smithwick Rd	43.28705437	-103.0008096	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Snake Butte Rd	43.40379458	-101.9203035	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Snake Butte Rd	43.40380983	-101.9212611	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Snake Butte Rd	43.40380983	-101.9212611	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		



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FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Snake Butte Rd	43.40364637	-101.9288917	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Snake Butte Rd	43.40364637	-101.9288917	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Snake Butte Rd	43.40364637	-101.9288917	18	18	W13-1P	West	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Snake Butte Rd	43.40385011	-101.9291694	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Snake Butte Rd	43.40389198	-101.920007	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Snake Butte Rd	43.4039112	-101.9291783	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Snake Butte Rd	43.40391698	-101.9293058	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount below Street SignsSpecial Detail L42		
Snake Butte Rd	43.40391698	-101.9293058	54	21	D3-1a	N-S	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.5 - Snake Butte Rd	Mount above Stop Sign		
Snake Butte Rd	43.40391698	-101.9293058	42	12	D3-1	E-W	NEW	3.5	IV	2					Street Name: Allen Rd	Mount above Stop Sign		
Snake Butte Rd	43.40391698	-101.9293058			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Snake Butte Rd	43.40420688	-101.9124339	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Snake Butte Rd	43.40420688	-101.9124339	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Snake Butte Rd	43.40464587	-101.9019444	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Snake Butte Rd	43.40464587	-101.9019444	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Snake Butte Rd	43.40511525	-101.9005306	30	30	W1-5R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Right			
Snake Butte Rd	43.40511525	-101.9005306	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Mount under Winding RoadSpecial Detail L01		
Snake Butte Rd	43.40758484	-101.874049	30	30	W1-2L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Snake Butte Rd	43.40778177	-101.8720182	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Snake Butte Rd	43.40810472	-101.8879725	30	30	W1-4R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Snake Butte Rd	43.40822107	-101.8926907	30	30	W1-4R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Curve			
Snake Butte Rd	43.40848593	-101.8711308	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Snake Butte Rd	43.40864926	-101.8916795	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Snake Butte Rd	43.40865676	-101.8913495	48	24	W1-6L	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Snake Butte Rd	43.4097991	-101.8710797	30	30	W1-2R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Snake Butte Rd	43.41024111	-101.8710998	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Snake Butte Rd	43.41025031	-101.8709656	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Snake Butte Rd	43.41708168	-101.8709876	30	30	W3-2	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield Ahead			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	160	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Snake Butte Rd	43.41760967	-101.8709918	36	36	W1-10bR	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Snake Butte Rd	43.41778218	-101.8711284	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Snake Butte Rd	43.41778218	-101.8711284	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Snake Butte Rd	43.41778218	-101.8711284	18	18	W13-1P	North	NEW	2.3	XI	1					30 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Snake Butte Rd	43.41823854	-101.8704793	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Snake Butte Rd	43.41823854	-101.8704793			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Snake Butte Rd	43.41829657	-101.8712145			D3-1	N-S	D/R			2			REM	1	Street Name: 275th St			
Snake Butte Rd	43.41829657	-101.8712145			D3-1	E-W	D/R			2					Street Name: Snake Butte Rd			
Snake Butte Rd	43.41833932	-101.8708412	42	12	D3-1	N-S	NEW	3.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: 275th St			
Snake Butte Rd	43.41833932	-101.8708412	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.5 - Snake Butte Rd	Mount under Street Signs		
Sundance Dr	43.02859509	-102.5475106	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Sundance Dr	43.02859509	-102.5475106	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sundance Dr	43.02859509	-102.5475106	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sundance Dr	43.02871277	-102.5475946	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Sundance Dr			
Sundance Dr	43.02871277	-102.5475946	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Sitting Bull Rd	Mount under Street Signs		
Sundance Dr	43.02940749	-102.5474329	30	30	W2-4	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Intersection Warning - T-Intersection			
Sundance Dr	43.03049276	-102.5478303	30	30	W1-1R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Turn			
Sundance Dr	43.03087393	-102.5482717	48	24	W1-6L	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Sundance Dr	43.03087393	-102.5482717	48	24	W1-6R	South	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Sundance Dr	43.03092696	-102.5432462	36	36	R1-2	West	NEW	3.9	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Yield			
Sundance Dr	43.03092696	-102.5432462			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Sundance Dr	43.03108227	-102.5433499	36	36	W70-1	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Sundance Dr	43.03108227	-102.5433499	24	18	W70-3	East	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sundance Dr	43.03108227	-102.5433499	18	18	W13-1P	East	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Sundance Dr	43.03108431	-102.5432254	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Sundance Dr			
Sundance Dr	43.03108431	-102.5432254	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Old Sundance Rd	Mount under Street Signs		
Sundance Dr	43.03134124	-102.5477726	30	30	W1-1L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Turn			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
1/9/2026
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Sundance Dr	43.03187072	-102.5467313	36	36	W1-10cR	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Right Curve/Intersection			
Sundance Dr	43.03203044	-102.5456568	36	36	W1-10bL	East	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Combination Left Curve/Intersection			
Sundance Dr	43.0322641	-102.5463108	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Sundance Dr			
Sundance Dr	43.0322641	-102.5463108	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Buffalo Rd	Mount under Street Signs		
Tatanka Rd	43.02618411	-102.5736165	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Tatanka Rd	43.02618411	-102.5736165			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Tatanka Rd	43.02660099	-102.5734117	54	12	D3-1	N-S	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Mahpiya Luta Ln			
Tatanka Rd	43.02660099	-102.5734117	48	12	D3-1	E-W	NEW	4	IV	2					Street Name: Tatanka Rd	Mount under Street Signs		
Tatanka Rd	43.02670418	-102.5734239	36	36	W70-1	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Tatanka Rd	43.02670418	-102.5734239	24	18	W70-3	South	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum MaintenanceSpecial Detail L02		
Tatanka Rd	43.02705932	-102.5734272	30	30	W14-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
Tatanka Rd	43.03389794	-102.5732995	30	30	W8-26	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Road Ends Advance: Road Ends 500ft			
Tatanka Rd	43.0349206	-102.5732768	18	18	OM4-1	N-S	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Tatanka Rd	43.0349206	-102.5731456	18	18	OM4-1	N-S	NEW	2.3	XI	1	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 4			
Three Mile Creek Rd	43.33700328	-102.2673777	48	24	W1-6R	North	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Three Mile Creek Rd	43.33733311	-102.267693	30	30	W18-1	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Three Mile Creek Rd	43.33733311	-102.267693	18	18	W13-1P	South	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under No Traffic SignsSpecial Detail L01		
Three Mile Creek Rd	43.3374393	-102.2678424	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Three Mile Creek Rd	43.33745058	-102.2677882	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Three Mile Creek Rd	43.33781431	-102.2671697	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 240			
Three Mile Creek Rd	43.33781431	-102.2671697	24	12	M4-14P	South	NEW	2	IV	1					Begin (plaque), US/State Route Assembly	mount above route sign		
Three Mile Creek Rd	43.33781793	-102.2674395	24	30	BIA Rt.	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	BIA Route Marker: 240			
Three Mile Creek Rd	43.33781793	-102.2674395	24	12	M4-6P	North	NEW	2	IV	1					End (plaque), US/State Route Assembly	mount above route sign		
Three Mile Creek Rd	43.33833602	-102.267391	30	30	W1-11R	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Right Hairpin Curve			
Three Mile Creek Rd	43.33833602	-102.267391	18	18	W13-1P	North	NEW	2.3	XI	1					15 mph Advisory Speed (plaque)	Mount under Hairpin CurveSpecial Detail L01		
Three Mile Creek Rd	43.33886795	-102.2673673	36	36	W8-8	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Rough Road			
Three Mile Creek Rd	43.33886795	-102.2673673	24	12	W16-9P	North	NEW	2	XI	1					Ahead (plaque) - Yellow	Mount under Rough RoadSpecial Detail L01		



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	162	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Three Mile Creek Rd	43.34142936	-102.266839			W14-3	North	D/R			1			REM	1	No Passing Zone			
Three Mile Creek Rd	43.34277746	-102.2671864	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.34279873	-102.2673779	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.34845963	-102.2673403	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.34938787	-102.2671961	30	30	W1-2R	South	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Curve			
Three Mile Creek Rd	43.35309582	-102.2657556	30	30	W1-2L	North	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Left Curve			
Three Mile Creek Rd	43.3587006	-102.2603198	36	36	S1-1	South	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Three Mile Creek Rd	43.3587006	-102.2603198	24	12	W16-9P	South	NEW	2	XI	1					Ahead (plaque) - Fluorescent Yellow-Green	Mount under SchoolSpecial Detail L01		
Three Mile Creek Rd	43.35909941	-102.2599513	36	36	S4-5	South	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Reduced School Speed Limit Ahead: 25MPH			
Three Mile Creek Rd	43.3596631	-102.2594265	24	9	S4-3P	North	R/S	1.5	XI	1					School (plaque)	Mount above Speed Limit		
Three Mile Creek Rd	43.35966314	-102.2594265	24	30	R2-1	South	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 25 mph			
Three Mile Creek Rd	43.35971699	-102.2595614	24	30	S5-2	North	NEW	5	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	End School Zone			
Three Mile Creek Rd	43.35972475	-102.2593722					N/S						REM	1				
Three Mile Creek Rd	43.36100612	-102.2584			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Anunkasan Canku Dr			
Three Mile Creek Rd	43.36100612	-102.2584	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.6 - Three Mile Creek Rd	Mount under Street Signs		
Three Mile Creek Rd	43.36225154	-102.25716			R2-1	North	D/S			1			REM	1	Speed Limit - 25 mph			
Three Mile Creek Rd	43.36250426	-102.2570795			D3-1	N-S	R/S/S			2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Wanbli Wakita Canku Dr			
Three Mile Creek Rd	43.36250426	-102.2570795	54	21	D3-1a	E-W	NEW	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.6 - Three Mile Creek Rd	Mount under Street Signs		
Three Mile Creek Rd	43.36363848	-102.2557135	24	30	S5-2	South	NEW	5	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	End School Zone			
Three Mile Creek Rd	43.36371258	-102.2558357	24	30	R2-1	North	R/R	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 25 mph			
Three Mile Creek Rd	43.36371258	-102.2558357	24	9	S4-3P	North	R/R	1.5	XI	1					School (plaque)	Mount above Speed Limit		
Three Mile Creek Rd	43.36424706	-102.2553554	36	36	S4-5	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Reduced School Speed Limit Ahead: 25MPH			
Three Mile Creek Rd	43.36482157	-102.2548392	36	36	S1-1	North	NEW	6.7	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	School			
Three Mile Creek Rd	43.36482157	-102.2548392	24	12	W16-9P	North	NEW	2	XI	1					Ahead (plaque) - Fluorescent Yellow-Green	Mount under SchoolSpecial Detail L01		
Three Mile Creek Rd	43.36715468	-102.2523832	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.36717302	-102.2523671	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.36723887	-102.2526182	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	163	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Three Mile Creek Rd	43.3672572	-102.2526022	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Three Mile Creek Rd	43.36929802	-102.2504535	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 2			
Three Mile Creek Rd	43.36929802	-102.2504535	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Three Mile Creek Rd	43.36968453	-102.2502577			BIA Rt.	North	D/R			1			REM	1	BIA Route Marker: 240			
Three Mile Creek Rd	43.36992416	-102.2500439	24	30	BIA Rt.	North	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 240			
Three Mile Creek Rd	43.37015241	-102.2498191	36	36	W70-1	North	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Three Mile Creek Rd	43.37015241	-102.2498191	24	18	W70-3	North	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Mount under Minimum Maintenance		
Three Mile Creek Rd	43.37021504	-102.2495288			R1-1	South	IN PL			1			IN PL	1	Stop			
Three Mile Creek Rd	43.37021504	-102.2495288			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
Three Mile Creek Rd	43.37034302	-102.2496837			D3-1	N-S	IN PL			2			IN PL	1	Street Name: BIA 2			
Three Mile Creek Rd	43.37034302	-102.2496837	54	21	D3-1a	N-S	R/R	7.9	IV	2					Street Name (2 Lines) with BIA Arrowhead: SS8.6 - Three Mile Creek Rd	Mount under Street Signs		
Tobacco Rd	43.10372468	-102.6182182	48	12	D3-1a	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: Tobacco Rd			
Tobacco Rd	43.10372468	-102.6182182	30	12	D3-1	E-W	NEW	2.5	IV	2					Street Name: US 18	Mount below Street Signs		
Tobacco Rd	43.10380775	-102.6127896	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Tobacco Rd	43.10380871	-102.6128909	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Tobacco Rd	43.1038105	-102.6188684	48	24	W1-7	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Arrow (2-direction)	Special Detail L42		
Tobacco Rd	43.1038105	-102.6188684			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Tobacco Rd	43.10383039	-102.6107995	30	30	W1-5L	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Tobacco Rd	43.10383039	-102.6107995	18	18	W13-1P	West	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Winding Road		
Tobacco Rd	43.10386124	-102.6096868	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 205ft, C=60ft		
Tobacco Rd	43.10386124	-102.6096868	4	4	DelW	E-W	NEW	0.1	XI	6	1.12 Lb/Ft	U-CHANNEL	NEW	3	4"x4" White Delineator Back to Back	Radius: 205ft, S=35ft, delineators only along west tangent		
Tobacco Rd	43.10391431	-102.6127883	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Tobacco Rd	43.10391527	-102.6128895	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Tobacco Rd	43.10392058	-102.6182426	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Tobacco Rd	43.10392058	-102.6182426			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Tobacco Rd	43.10455357	-102.6086416	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 200ft, C=55ft		
Tobacco Rd	43.10468747	-102.6071547	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius: 215ft, C=90ft		



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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	164	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Tobacco Rd	43.10651546	-102.6031813	36	36	W70-1	West	NEW	9	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Minimum Maintenance			
Tobacco Rd	43.10651546	-102.6031813	24	18	W70-3	West	NEW	3	XI	1					Travel At Your Own Risk (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Tobacco Rd	43.10651546	-102.6031813	18	18	W13-1P	West	NEW	2.3	XI	1					20 mph Advisory Speed (plaque)	Minimum Or No Maintenance Signage with Advisory Speed Plaque		
Tobacco Rd	43.10651615	-102.6032511	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Tobacco Rd	43.10656104	-102.602986	48	24	W1-6L	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Left Arrow (1-direction)			
Tobacco Rd	43.10660551	-102.6032485	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing Layout B		
Tobacco Rd	43.10664001	-102.6034666	30	30	W1-5L	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Winding Road Left			
Tobacco Rd	43.10664001	-102.6034666	18	18	W13-1P	East	NEW	2.3	XI	1					25 mph Advisory Speed (plaque)	Mount under Winding Road		
Tobacco Rd	43.10688057	-102.6055229	18	24	W1-8	E-W	NEW	3	XI	4	2" 12 Gauge	SQ TUBE	NEW	3	Chevron Alignment	Radius 200ft, C=80ft		
Tobacco Rd	43.1090772	-102.5961647	48	24	W1-6R	East	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Tobacco Rd	43.10908482	-102.5949874	30	30	W18-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	No Traffic Signs			
Tobacco Rd	43.10924416	-102.5948345	30	30	W1-3R	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
Tobacco Rd	43.10924416	-102.5948345	18	18	W13-1P	East	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
Tobacco Rd	43.10926102	-102.597505	30	30	W1-3R	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Horizontal Alignment - Right Reverse Turn			
Tobacco Rd	43.10926102	-102.597505	18	18	W13-1P	West	NEW	2.3	XI	1					10 mph Advisory Speed (plaque)	Mount under Reverse TurnSpecial Detail L01		
Tobacco Rd	43.10944295	-102.5962797	48	24	W1-6R	West	NEW	8	XI	1	2" 12 Gauge	SQ TUBE	NEW	2	Large Right Arrow (1-direction)			
Turtle Creek Rd	43.02660148	-102.5602985	54	12	D3-1	E-W	NEW	4.5	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Turrtle Creek Rd	Mount above Stop Sign		
Turtle Creek Rd	43.02660148	-102.5602985	54	21	D3-1L	North	NEW	7.9	IV	1					Street Name with Left Arrow: SS3.7 - Eagle Feather St	Mount above Stop Sign		
Turtle Creek Rd	43.02660148	-102.5602985	54	12	D3-1R	North	NEW	4.5	IV	1					Street Name with Right Arrow: SS5.4 - Cedar St	Mount above Stop Sign		
Turtle Creek Rd	43.02660148	-102.5602985	54	21	D3-1R	South	NEW	7.9	IV	1					Street Name with Right Arrow: SS5.5 - Eagle Feather St	Mount above Stop Sign		
Turtle Creek Rd	43.02660148	-102.5602985	54	12	D3-1L	South	NEW	4.5	IV	1					Street Name with Left Arrow: SS3.5 - Cedar St	Mount above Stop Sign		
Turtle Creek Rd	43.02662959	-102.5602783	30	30	R1-1	North	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Turtle Creek Rd	43.02662959	-102.5602783			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Turtle Creek Rd	43.02662959	-102.5602783	18	6	R1-3P	North	NEW	0.8	IV	1					All Way (plaque)	mount below stop sign		
Turtle Creek Rd	43.02717356	-102.5605644	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Turtle Creek Rd	43.02722145	-102.5605214	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Turtle Creek Rd	43.02863234	-102.5616528	62	12	D3-1	N-S	NEW	5.2	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Hill Side Rd			

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PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	165	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Turtle Creek Rd	43.02863234	-102.5616528	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Turtle Creek Rd	Mount under Street Signs		
Turtle Creek Rd	43.02985469	-102.5614714	6	12	OM2-2V	N-S	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Turtle Creek Rd	43.03078905	-102.5614936	30	30	R1-1	South	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Mount under Street Signs		
Turtle Creek Rd	43.03078905	-102.5614936	62	12	D3-1	N-S	NEW	5.2	IV	2					Street Name: Red Robin St	Mount above Stop Sign		
Turtle Creek Rd	43.03078905	-102.5614936	54	12	D3-1	E-W	NEW	4.5	IV	2					Street Name: Turtle Creek Rd	Mount above Stop Sign		
Turtle Creek Rd	43.03078905	-102.5614936			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Wakpala Ave	43.42457643	-102.1803777	30	30	R1-1	North	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount udner Street Signs		
Wakpala Ave	43.42457643	-102.1803777	54	12	D3-1	E-W	R/R	4.5	IV	2					Street Name: Wakpala Ave	Mounted above Stop Sign		
Wakpala Ave	43.42457643	-102.1803777	54	12	D3-1a	N-S	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Waziyata Rd	Mount above Stop Sign		
Wakpala Ave	43.42457643	-102.1803777			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Washabaugh Ave	43.57039929	-101.6602316	30	30	R1-1	South	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop	Mount Under Street Names		
Washabaugh Ave	43.57039929	-101.6602316	36	12	D3-1	N-S	R/R	3	IV	2					Street Name: 4th St	Mount above Stop Sign		
Washabaugh Ave	43.57039929	-101.6602316	48	12	D3-1	E-W	R/R	4	IV	2					Street Name: Washabaugh Ave	Mount above Stop Sign		
Washabaugh Ave	43.57039929	-101.6602316			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Washabaugh Ave	43.57055314	-101.6604419	30	30	R1-1	North	R/R	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Washabaugh Ave	43.57055314	-101.6604419			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Washabaugh Ave	43.57266584	-101.6608444	30	30	R1-1	East	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Washabaugh Ave	43.57266584	-101.6608444			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Washabaugh Ave	43.57269767	-101.6608387	48	12	D3-1	N-S	R/R	4	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Washabaugh Ave			
Washabaugh Ave	43.57269767	-101.6608387	30	12	D3-1	E-W	R/R	2.5	IV	2					Street Name: SD 44	Mount under Street Signs		
Waziyata Rd	43.42377625	-102.1799593			D3-1	N-S	IN PL			2			IN PL	1	Street Name: Main St			
Waziyata Rd	43.42377625	-102.1799593	54	12	D3-1a	N-S	R/R	4.5	IV	2					Street Name with BIA Arrowhead: Waziyata Rd.	Mount under Street Signs		
Waziyata Rd	43.42381591	-102.1798991	30	30	R1-1	North	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop			
Waziyata Rd	43.42381591	-102.1798991			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Waziyata Rd	43.42386872	-102.1797545	24	30	BIA Rt.	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 26			
Waziyata Rd	43.42407193	-102.1798324	24	30	R2-1	South	R/S	5	IV	1	2" 12 Gauge	SQ TUBE	REPL	1	Speed Limit - 15 mph			
Waziyata Rd	43.42418978	-102.180116	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 2			

PROFESSIONAL ENGINEER
REG. NO. 17616
ISAAC BERG
3/9/2022
SOUTH DAKOTA

TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Waziyata Rd	43.42418978	-102.180116	21	15	M2-1P	West	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Waziyata Rd	43.42452574	-102.18075	30	30	W3-1	West	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Waziyata Rd	43.42475475	-102.1809376	36	36	S1-1	South	R/S	6.7	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	School			
Waziyata Rd	43.42475475	-102.1809376	24	9	S4-3P	South	R/S	1.5	XI	1					School (plaque)			
Waziyata Rd	43.42533134	-102.1823511	36	36	S1-1	North	R/S	6.7	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	School			
Waziyata Rd	43.42533134	-102.1823511	24	9	S4-3P	North	R/S	1.5	XI	1					School (plaque)			
Waziyata Rd	43.42585338	-102.1832595			R2-1	South	IN PL			1			IN PL	1	Speed Limit - 15 mph			
Waziyata Rd	43.4260403	-102.1829229			R2-1	South	IN PL			1			IN PL	1	Speed Limit - 35 mph			
Waziyata Rd	43.42636166	-102.1839968			W3-5	North	IN PL			1			IN PL	2	Reduced Speed Limit Ahead - 15 mph			
Waziyata Rd	43.42650168	-102.1838601	36	36	S3-1	South	R/R	9	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	School Bus Stop Ahead			
Waziyata Rd	43.43387023	-102.1954219	42	12	D3-1	E-W	R/R	3.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Buddy Rd			
Waziyata Rd	43.43387023	-102.1954219	54	12	D3-1a	N-S	NEW	4.5	IV	2					Street Name with BIA Arrowhead: Waziyata Rd	Mount under Street Signs		
Waziyata Rd	43.4370058	-102.2005536	4	4	DelW	E-W	NEW	0.1	XI	20	1.12 Lb/Ft	U-CHANNEL	NEW	10	4"x4" White Delineator Back to Back	Radius: 1375ft, S=110ft		
Waziyata Rd	43.43867181	-102.2053664	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43868457	-102.2054086	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43870074	-102.2054578	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43871691	-102.2053359	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43872968	-102.2053781	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43874585	-102.2054273	12	36	OM3	N-S	R/R	3	XI	2	2" 12 Gauge	SQ TUBE	REPL	1	Object Marker Type 3 - Back to Back			
Waziyata Rd	43.43899663	-102.2057622			W14-3	South	D/S			1			REM	2	No Passing Zone			
Waziyata Rd	43.43962823	-102.2077267	30	30	W3-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop Ahead			
Waziyata Rd	43.43978698	-102.2086781	54	12	D3-1	E-W	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Pheasant Dr			
Waziyata Rd	43.439839	-102.2083195			W3-1	South	D/S			1			REM	1	Stop Ahead			
Waziyata Rd	43.439839	-102.2083195			W2-4	South	D/S			1					Intersection Warning - T-Intersection	mounted on same post at Stop Ahead sign		
Waziyata Rd	43.43985931	-102.2084061	24	30	BIA Rt	South	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 25			
Waziyata Rd	43.43985931	-102.2084061	21	15	M2-1P	South	NEW	2.2	IV	1					Junction (plaque), US/State Route Assembly	mount above route sign		
Waziyata Rd	43.43996119	-102.208646	30	30	W1-2L	East	R/S	6.3	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Horizontal Alignment - Left Curve			



TABLE OF PERMANENT SIGNING

FOR BIDDING PURPOSES ONLY

KLJ | SD DOT

PROJECT	SHEET	TOTAL SHEETS
PH 8057(04)	167	168

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
Waziyata Rd	43.43996119	-102.208646			R2-1	West	D/S			1					Speed Limit - 35 mph	mounted on same post as curve sign		
Waziyata Rd	43.43998195	-102.2092435	24	30	R2-1	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	Speed Limit - 35 mph			
Waziyata Rd	43.44002448	-102.2098989	54	12	D3-1a	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name with BIA Arrowhead: WAZIYATA RD			
Waziyata Rd	43.44002448	-102.2098989	42	12	D3-1a	E-W	R/R	3.5	IV	2					Street Name with BIA Arrowhead: BIA 25	Mount Below Street Sign		
Waziyata Rd	43.44002477	-102.2093618			DelW	North	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Waziyata Rd	43.44005576	-102.209723	24	30	BIA Rt.	West	NEW	5	IV	1	2" 12 Gauge	SQ TUBE	NEW	1	BIA Route Marker: 26			
Waziyata Rd	43.44006716	-102.2096236			DelW	North	D/R			2			REM	1	4"x4" White Delineator Back to Back			
Waziyata Rd	43.44011196	-102.2091656	4	4	DelW	E-W	NEW	0.1	XI	10	1.12 Lb/Ft	U-CHANNEL	NEW	5	4"x4" White Delineator Back to Back	Radius: 560ft, S=85ft, no delineators along West tangent		
Waziyata Rd	43.44014815	-102.2102452	48	24	W1-7	East	R/S	8	XI	1	2" 12 Gauge	SQ TUBE	REPL	2	Large Arrow (2-direction)	Special Detail L42		
Waziyata Rd	43.44014815	-102.2102452			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Waziyata Rd	43.44015116	-102.2092558			BIA Rt.	South	D/S			1			REM	1	BIA Route Marker: 25			
Waziyata Rd	43.44015116	-102.2092558			M6-4P	South	D/S			1					Directional Arrow - Turn (Two-Way) (plaque)			
Waziyata Rd	43.44025766	-102.2098344	30	30	R1-1	East	NEW	5.2	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Stop	Special Detail L42		
Waziyata Rd	43.44025766	-102.2098344			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Whiteclay Dam Rd	43.00762624	-102.5579266			D3-1	E-W	IN PL			2			IN PL	1	Street Name: S Whiteclay Dam Rd			
Whiteclay Dam Rd	43.00773927	-102.5575734	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Whiteclay Dam Rd	43.00778839	-102.5575937	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)	Cattle Guard Signing - Layout B		
Whiteclay Dam Rd	43.00789548	-102.5545339	30	30	R1-1	West	R/S	5.2	XI	1	2" 12 Gauge	SQ TUBE	REPL	1	Stop			
Whiteclay Dam Rd	43.00789548	-102.5545339			DelWT		NEW		XI	1					4" Tubular White Delineator Reflector	Special Detail L30		
Whiteclay Dam Rd	43.00802236	-102.5562558	6	12	OM2-2V	E-W	NEW	0.5	XI	2	1.12 Lb/Ft	U-CHANNEL	NEW	1	Object Marker Type 2 (Back to Back)			
Whiteclay Dam Rd	43.00809421	-102.5545532	54	12	D3-1	N-S	R/R	4.5	IV	2	2" 12 Gauge	SQ TUBE	REPL	1	Street Name: Whiteclay Dam Rd			
Whiteclay Dam Rd	43.00809421	-102.5545532	36	12	D3-1	E-W	NEW	3	IV	2					Street Name: US 407	Mount under Street Signs		
WK 3 Rd	43.14726292	-102.3732505	30	30	W14-1	East	NEW	6.3	XI	1	2" 12 Gauge	SQ TUBE	NEW	1	Dead End			
WK 3 Rd	43.14731411	-102.3727972			R1-1	South	IN PL			1			IN PL	1	Stop			
WK 3 Rd	43.14731411	-102.3727972			DelWT		IN PL			1					4" Tubular White Delineator Reflector			
WK 3 Rd	43.14732139	-102.3732006	48	12	D3-1	E-W	NEW	4	IV	2	2" 12 Gauge	SQ TUBE	NEW	1	Street Name: Post Office Rd			
WK 3 Rd	43.14732139	-102.3732006	36	12	D3-1	N-S	NEW	3	IV	2					Street Name: WK 3 Rd	mount above street sign		

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TABLE OF PERMANENT SIGNING

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KLJ | SD DOT | PROJECT: PH 8057(04) | SHEET: 168 | TOTAL SHEETS: 168

Plotting Date: 7/29/2025

Location			Sign Details								Post Details				Additional Information		For Construction	
Route	Latitude	Longitude	Width (in)	Height (in)	Code	Facing	Action	Area (sq ft)	Sheeting Type	# of Signs	Type Description	Material Description	Action	# of Posts	Description	Remarks	Sign Area (sq ft)	# of Posts
WK 3 Rd	43.14742766	-102.3729101			D3-1	N-S	IN PL			2			IN PL	1	Street Name: WK 3 Rd			
WK 3 Rd	43.14742766	-102.3729101			D3-1	E-W	IN PL			2					Street Name: BIA 28			

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1/9/2026
SOUTH DAKOTA