

Plot Scale - 1:200

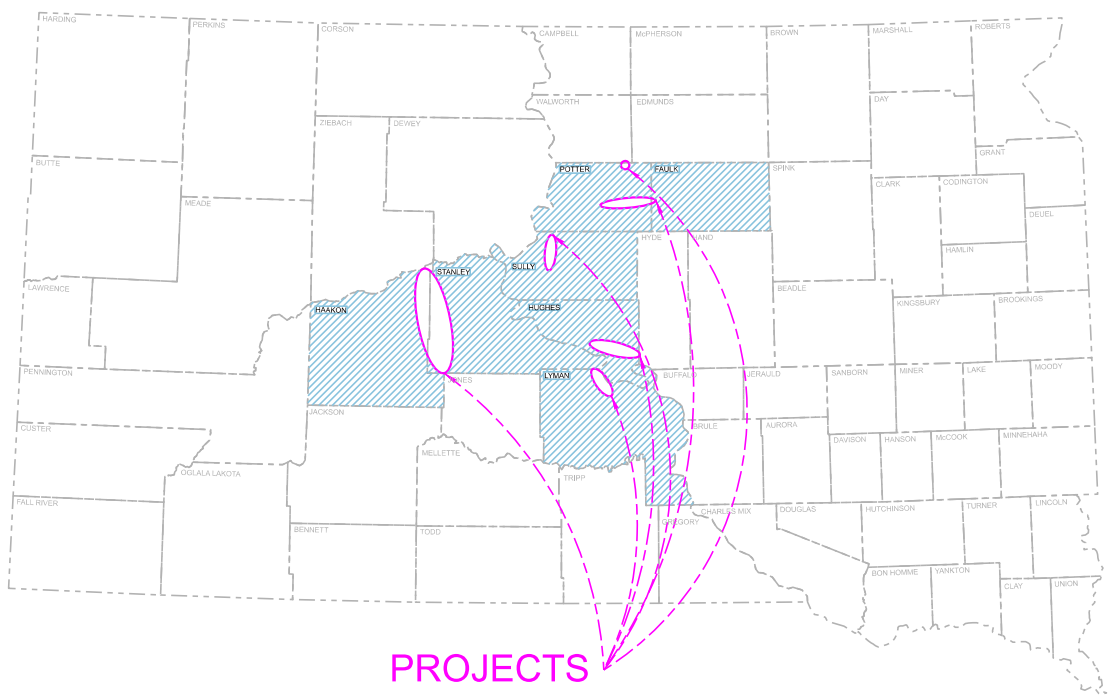
Plotted From - TRPR22412

STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED

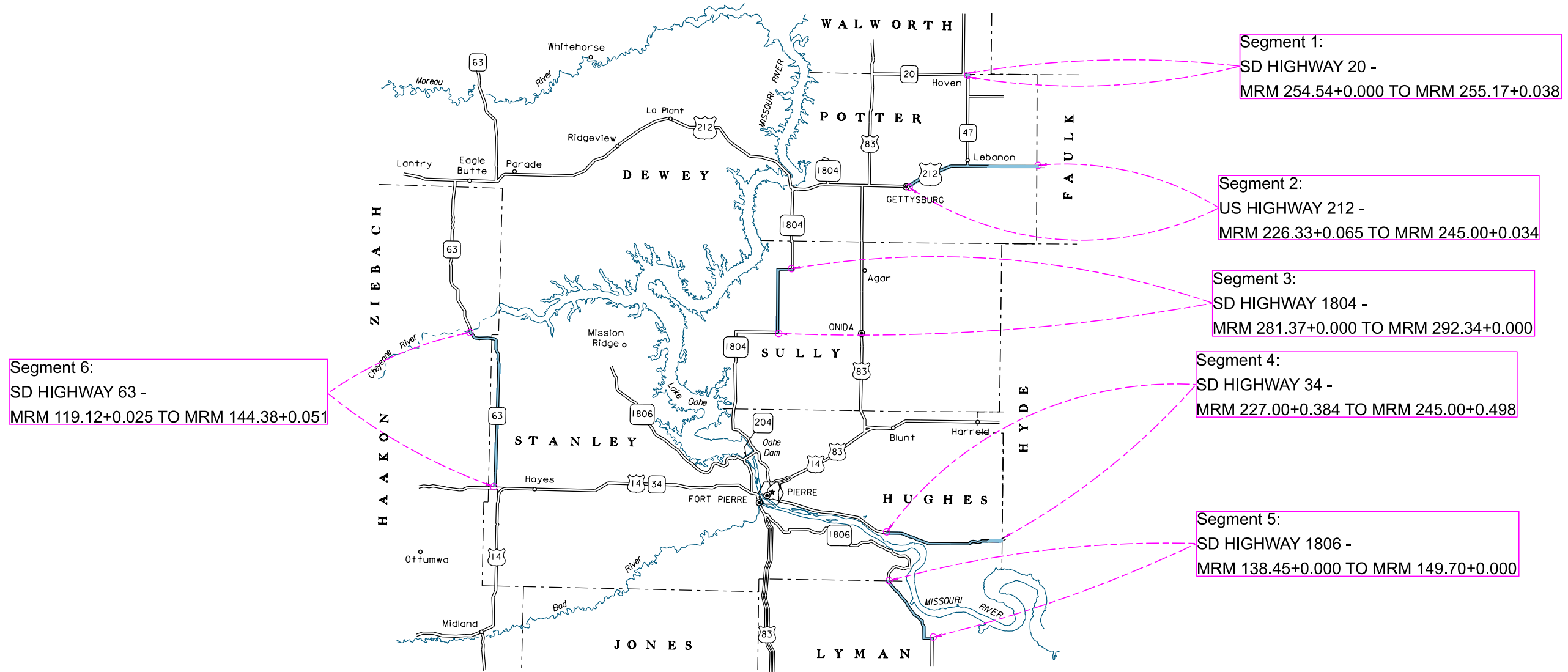
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	1	24
Plotting Date: 12/02/2025		JML	Revised Date: 1/27/2026

INDEX OF SHEETS

Sheet No. 1	Title Sheet
Sheet Nos. 2-7	Project Locations
Sheet Nos. 8-12	Estimate of Quantities, Environmental Commitments, Plan Notes & Tables
Sheet No. 13	Rates of Materials
Sheet No. 14	Estimate of Quantities by Segment
Sheet No. 15	Pavement Marking Paint Details & Table
Sheet Nos. 16-21	Fixed Location Sign Layouts
Sheet Nos. 22-23	Standard Plates



PROJECT NH-P 0031(63)
US HIGHWAY 212
SD HIGHWAYS 20, 34, 63, 1804 & 1806
HAAKON, STANLEY, LYMAN, SULLY,
HUGHES, POTTER & FAULK
COUNTIES
ASPHALT SURFACE TREATMENT
PCN 09WR



File - ...09WR_Title Sheet.12.25.dgn

STORM WATER PERMIT
None Required

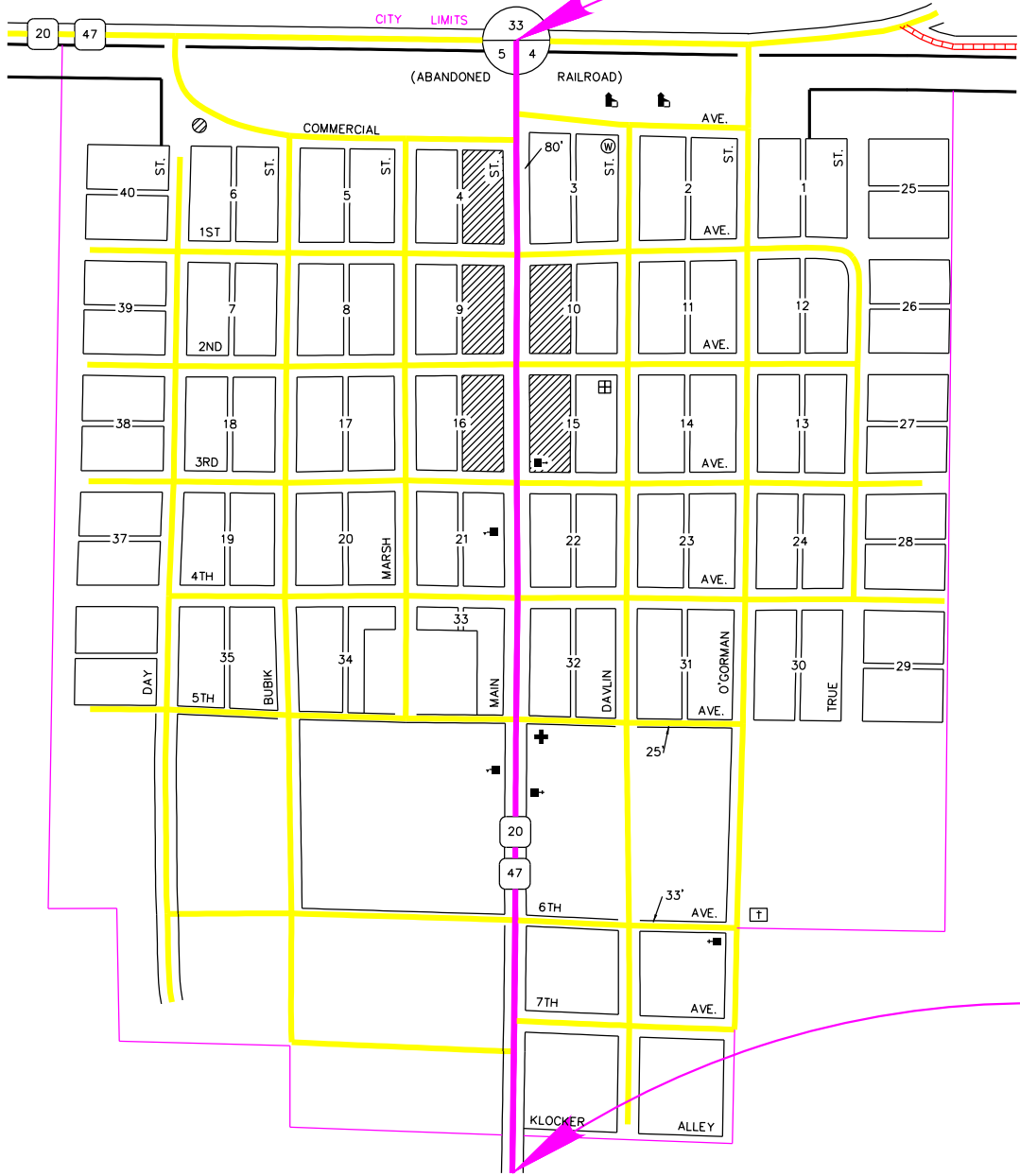
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	2	24
Plotting Date: 12/02/2025		JML	Revised Date: 1/27/2026

PROJECT LAYOUT

SD HIGHWAY 20

POTTER COUNTY

BEGIN SEGMENT 1
SD20
MRM 254.54+0.000
Sta 30+51.84



END SEGMENT 1
SD20
MRM 255.17+0.038
Sta 66+21.12

DESIGN DESIGNATION

AADT (2024)	937
AADT(2044)	1,238
DHV	165
D	51%
DHV T%	3.7%
AADT T%	8.2%
V	30 mph

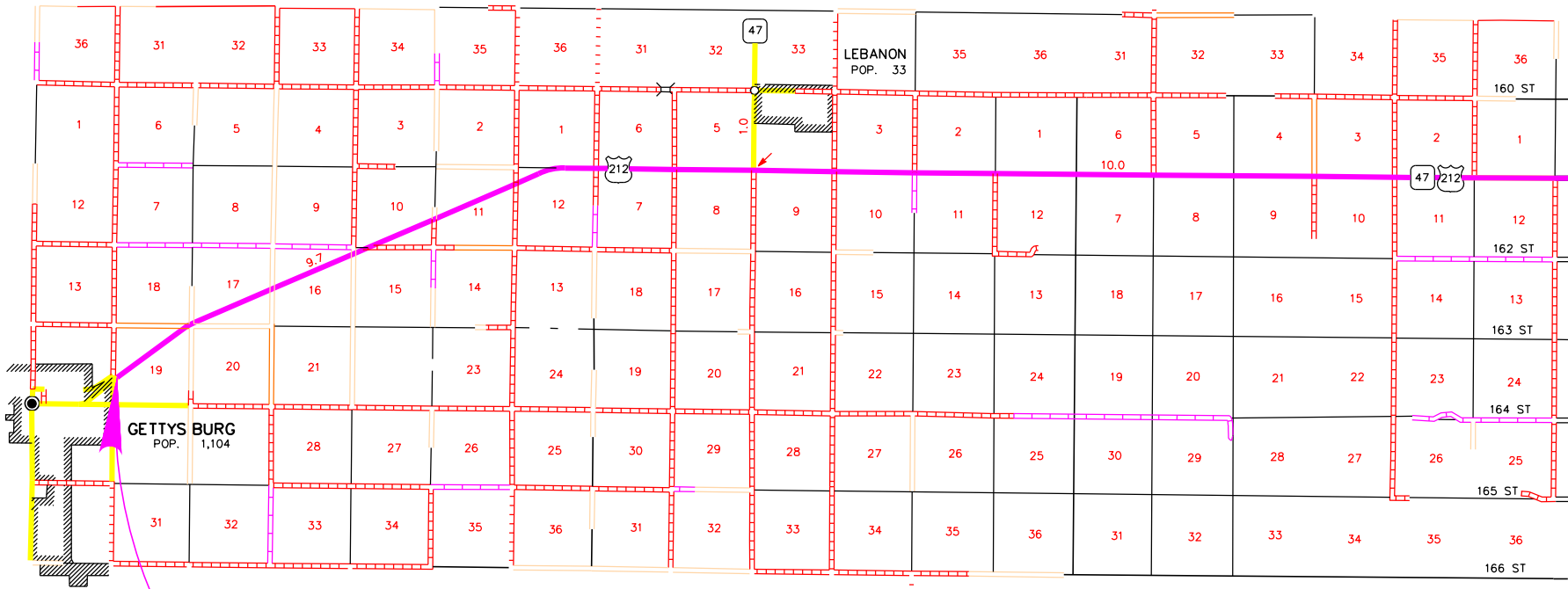
Gross Length	3,569.28 Feet	0.672Miles
Length of Exceptions	0.00 Feet	0.000Miles
Net Length	3,569.28 Feet	0.672Miles

Plot Scale - 1:200

Plotted From - TRPR2412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	3	24
Plotting Date: 12/02/2025		JML	Revised Date: 1/27/2026

PROJECT LAYOUT
US HIGHWAY 212
POTTER & FAULK COUNTIES



BEGIN SEGMENT 2
US 212
MRM 226.33+0.065
Sta 0+00.00

END SEGMENT 2
US 212
MRM 245.00+0.034
Sta 933+08.32

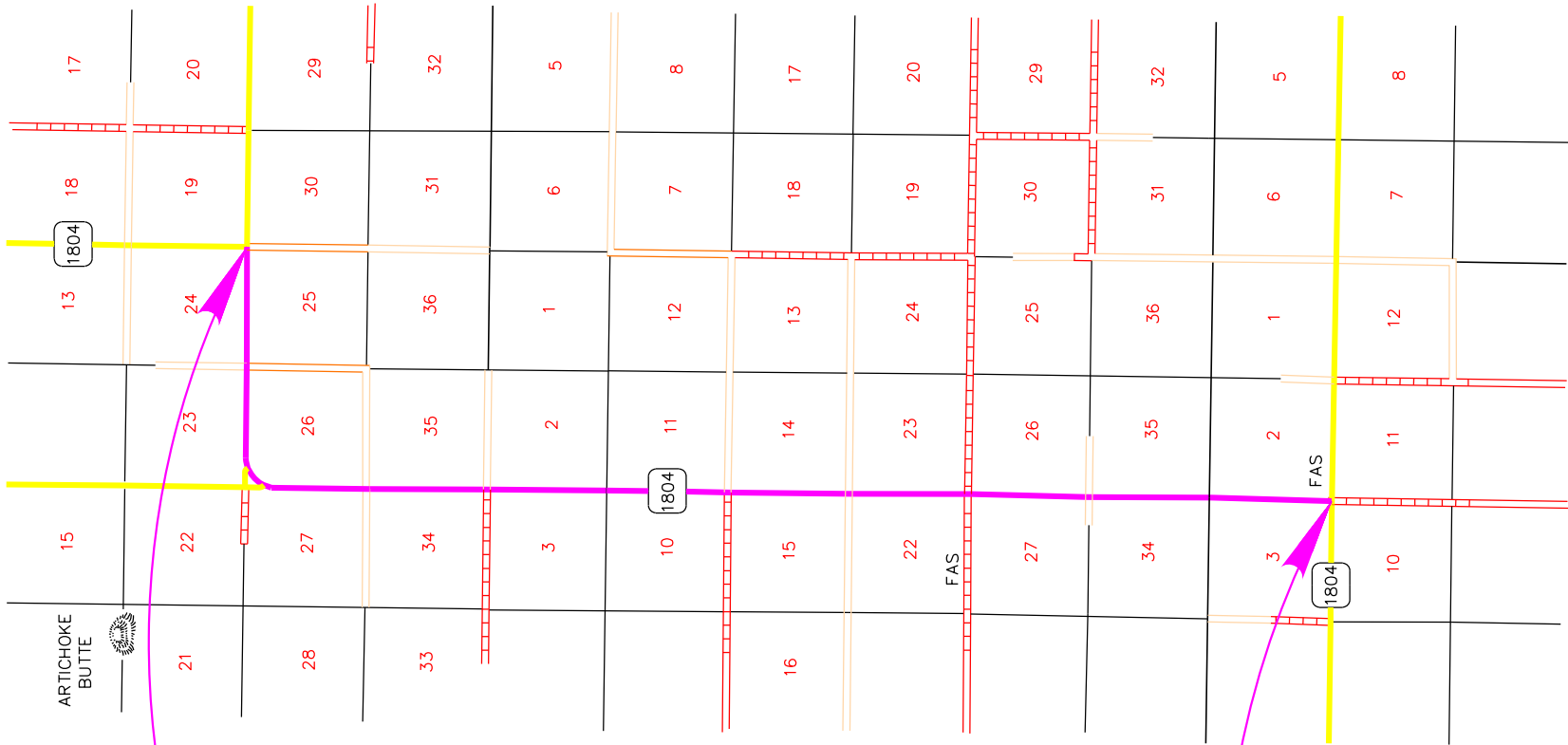
DESIGN DESIGNATION

AADT (2024)	810
AADT (2044)	1070
DHV	138
D	50%
DHV T%	12%
AADT T%	26.4%
V	65 mph

Gross Length	98,308.32 Feet	18.619Miles
Length of Exceptions	0 Feet	0Miles
Net Length	98,308.32 Feet	18.619Miles

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	4	24
Plotting Date: 12/03/2025 JML Revised Date: 1/27/2026			

PROJECT LAYOUT SD HIGHWAY 1804 SULLY COUNTY



END SEGMENT 3
SD 1804
MRM 292.34+0.000
Sta 577+52.64

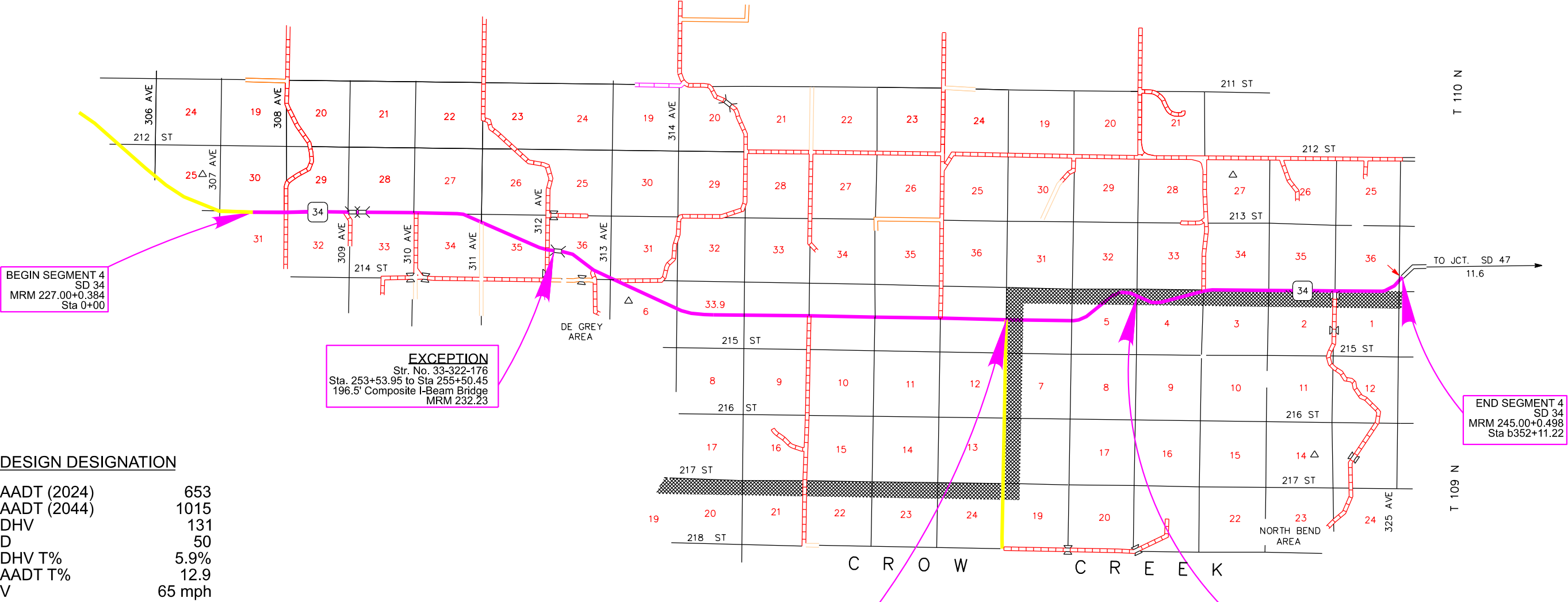
BEGIN SEGMENT 3
SD 1804
MRM 281.37+0.000
Sta 0+00

DESIGN DESIGNATION

AADT (2024)	285
AADT (2044)	498
DHV	64
D	50%
DHV T%	6.9%
AADT T%	15.2%
V	65 mph

Gross Length	57,752.64 Feet	10.938Miles
Length of Exceptions	0 Feet	0Miles
Net Length	57,752.64 Feet	10.938Miles

PROJECT LAYOUT
SD HIGHWAY 34
HUGHES COUNTY



DESIGN DESIGNATION

AADT (2024)	653
AADT (2044)	1015
DHV	131
D	50
DHV T%	5.9%
AADT T%	12.9
V	65 mph

Gross Length	95,700 Feet	18.125Miles
Length of Exceptions	196.5 Feet	0.037Miles
Net Length	95,503.5 Feet	18.088Miles

Plot Scale - 1:200

Plotted From - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	6	24
Plotting Date: 12/04/2025 JML Revised Date: 1/28/2026			



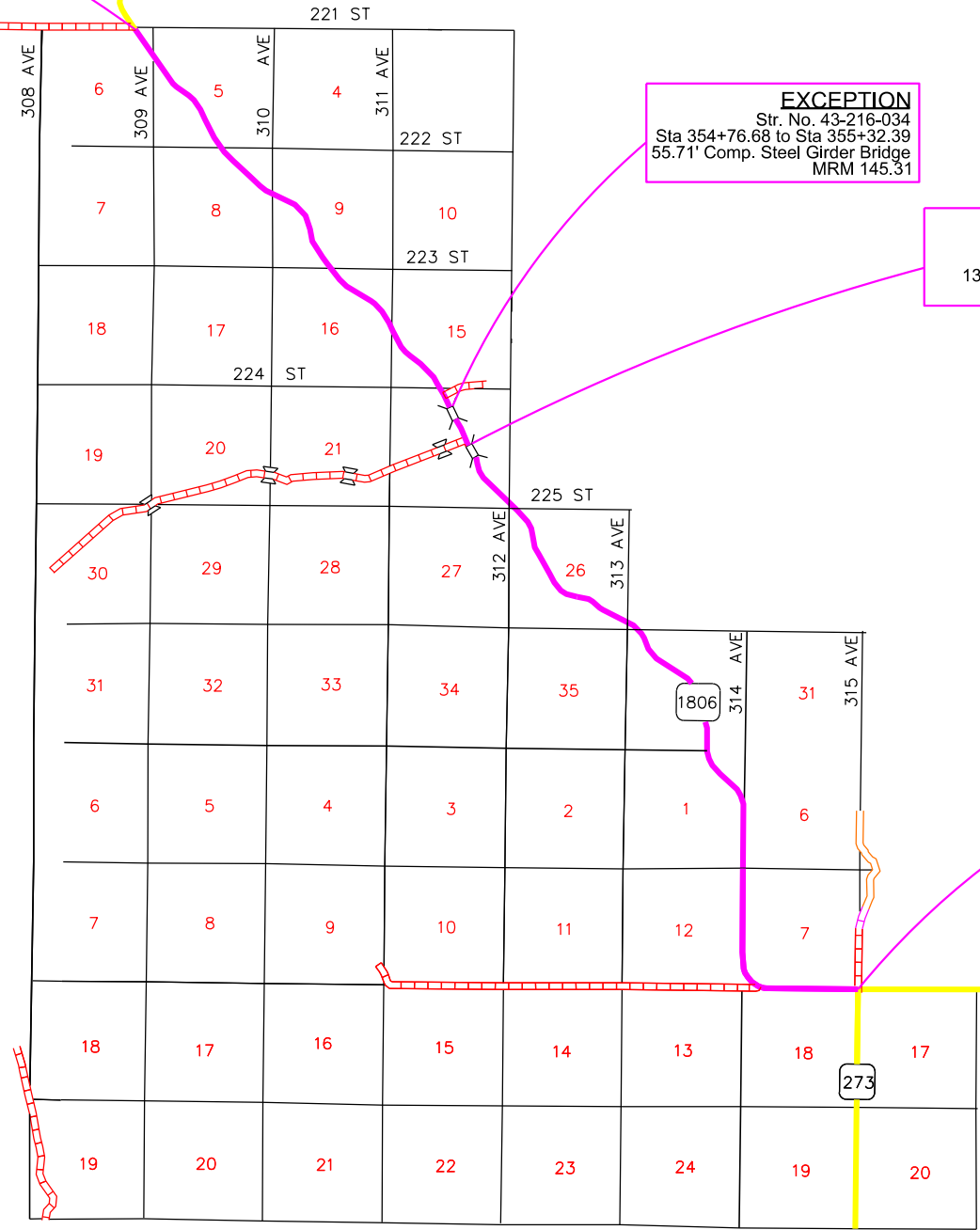
PROJECT LAYOUT SD HIGHWAY 1806 LYMAN COUNTY

END SEGMENT 5
SD 1806
MRM 149.70+0.000
Sta 581+48.64

EXCEPTION
Str. No. 43-216-034
Sta 354+76.68 to Sta 355+32.39
55.71' Comp. Steel Girder Bridge
MRM 145.31

EXCEPTION
Str. No. 43-218-036
Sta 339+15.03 to Sta 340+51.80
136.77' Continuous Composite Girder Bridge
MRM 145.02

BEGIN SEGMENT 5
SD 1806
MRM 138.45+0.000
Sta 0+00



DESIGN DESIGNATION

AADT (2024)	161
AADT (2044)	227
DHV	36
D	50
DHV T%	8.1
AADT T%	17.9
V	65 mph

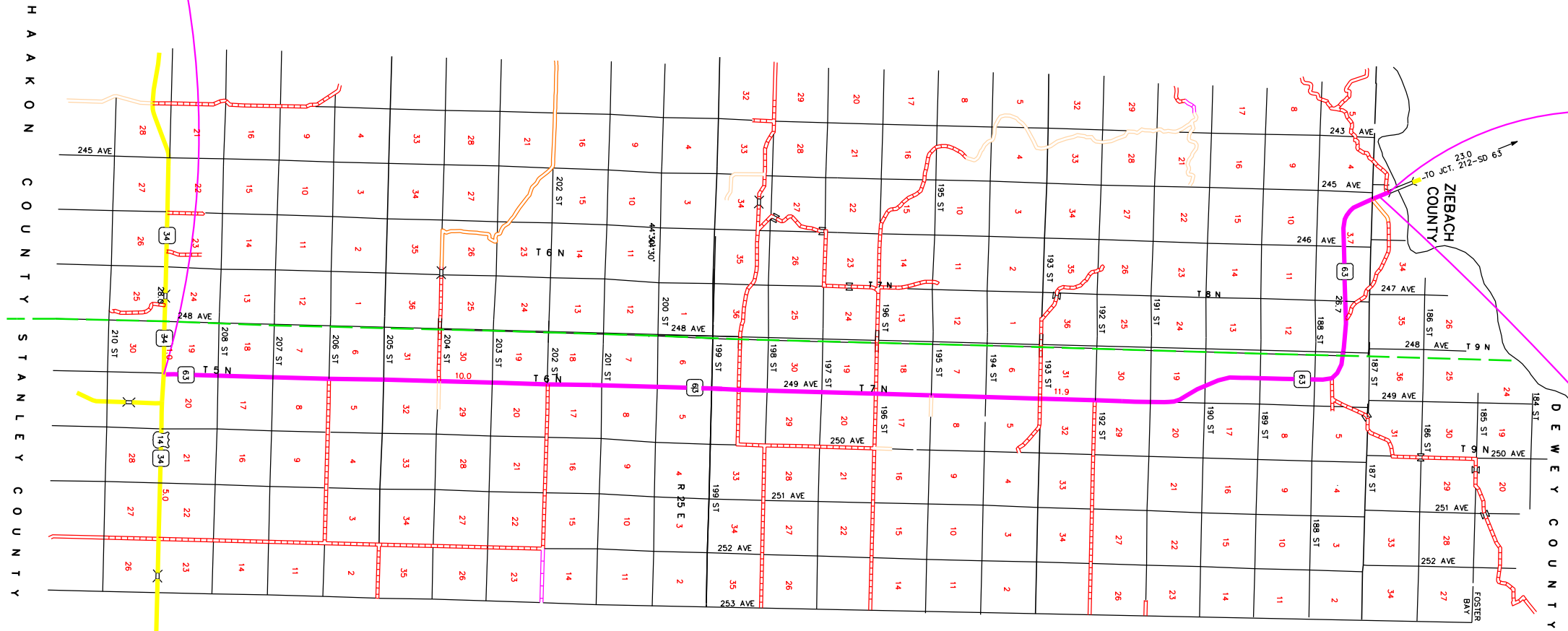
Gross Length	58,148.64 Feet	11.013Miles
Length of Exceptions	192.48 Feet	0.036Miles
Net Length	57,956.16 Feet	10.977Miles

PROJECT LAYOUT
SD HIGHWAY 63
HAAKON & STANLEY COUNTIES



BEGIN SEGMENT 6
SD 63
MRM 119.12+0.025
Sta 1+30

END SEGMENT 6
SD 63
MRM 144.38+0.051
Sta 1341+22.56



DESIGN DESIGNATION

AADT (2024)	410
AADT (2044)	592
DHV	94
D	50
DHV T%	6.7%
AADT T%	14.8%
V	65 mph

EXCEPTION
Str. No. 28-392-038
Sta 1330+93.27 to Sta 1333+79.35
286.08' Continuous Composite Girder Bridge
MRM 144.32

Gross Length	133,992.56 Feet	25.377Miles
Length of Exceptions	286.08 Feet	0.054Miles
Net Length	133,706.48 Feet	25.323Miles

ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
330E0300	SS-1h or CSS-1h Asphalt for Fog Seal	544.5	Ton
330E3000	Sand for Fog Seal	70.0	Ton
360E0042	CRS-2P Asphalt for Surface Treatment	1,874.2	Ton
360E1200	Modified Cover Aggregate	216.2	Ton
360E1200	Modified Cover Aggregate	2,632.2	Ton
360E1200	Modified Cover Aggregate	1,623.5	Ton
360E1200	Modified Cover Aggregate	2,741.8	Ton
360E1200	Modified Cover Aggregate	1,629.2	Ton
360E1200	Modified Cover Aggregate	3,758.6	Ton
633E0010	Cold Applied Plastic Pavement Marking, 4"	440	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	1	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	4,701	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	1,291	Gal
633E6005	Pavement Marking Masking, 5"	6,352	Ft
633E6020	Pavement Marking Masking, 25"	215	Ft
633E6030	Pavement Marking Masking, Arrow	2	Each
634E0010	Flagging	1,744.0	Hour
634E0020	Pilot Car	431.0	Hour
634E0110	Traffic Control Signs	2,851.4	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0630	Temporary Pavement Marking	254.5	Mile

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/media/documents/EnvironmentalProceduresManual.pdf> >

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 EAGLE

Bald 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.

Action Taken/Required:

At a minimum and regardless of project size, appropriate erosion and sediment control measures must be installed to control the discharge of pollutants from the construction site.

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: HISTORIC PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historic Preservation Office (SHPO or THPO) for all work included within the project limits and all department designated sources and designated option material sources, stockpile sites, storage areas, and waste sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require a cultural resource review prior to scheduling the pre-construction meeting. This work includes but is not limited to: Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas.

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.

COMMITMENT I: HISTORIC PRESERVATION OFFICE CLEARANCES (CONTINUED)

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 100 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.

SHPO/THPO review does not relieve the Contractor of the responsibility 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.

ENGINEER NOTIFICATION

The Contractor will be required to notify the Pierre Area Engineer (Dean VanDeWiele, (605) 773-5586) at least 10 days prior to beginning asphalt surface treatment operations.

COORDINATION OF WORK

A maintenance project has been identified that will interfere with Segment 6 of the project. Contractor will coordinate work with Phillip’s maintenance unit to ensure operations have been completed prior to chip seal.

SEQUENCE OF OPERATIONS

Contractor requests to deviate from the sequence of operations will be submitted in writing to the Engineer for review. Approval of an alternate sequence of operations will only be allowed when the proposed changes meet with the Department’s intent for traffic control and sequencing of the work. An alternate sequence will be submitted for review a minimum of one week prior to potential implementation.

The following sequence is provided, and intended as a guide only, to the Contractor to aid in planning their sequence of operations. It is not inclusive of all work activities.

1. Install fixed location ground-mounted traffic control devices.
2. Place temporary pavement marking no more than 24 hours prior to the asphalt surface treatment (chip seal).

3. Apply the chip seal. Application of the asphalt and aggregate will cease at least one hour prior to sunset each day. Once it has been verified that the appropriate cover on temporary flexible vertical markers (tabs) are in place where work will begin in a given lane each day, the Contractor will stay in that lane and will not be allowed to place asphalt surface treatment in the adjacent lane unless approved by the Engineer.
4. Remove top plastic covers from the tabs after application of the chip seal and prior to nightfall.
5. Broom chip-sealed areas each morning following chip seal application.
6. Apply the fog seal.
7. Remove plastic covers from tabs after application of the fog seal and prior to nightfall.
8. Immediately prior to application of permanent pavement markings, the areas scheduled for painting will be broomed or blown off with high-pressure compressed air. If a high-pressure air device is used to clean the pavement surface, it will be capable of sustaining continuous high pressure for the duration of the pavement marking process.
9. Complete permanent pavement marking.
10. Remove tabs within the seven-day time period specified in the Temporary Pavement Marking section of these plans.
11. Remove fixed location ground-mounted traffic control devices.

BROOMING

All material will be broomed off bridges and curb & gutter areas adjacent to the bridges. Care will be taken to ensure no material is broomed into the drop inlets. Materials from the curb & gutter areas of the bridges and from drop inlets will be disposed of in a manner satisfactory to the Engineer.

No material will be broomed into the ditches where the adjacent landowner conducts the mowing of the right-of-way. This material will be disposed of in a manner satisfactory to the Engineer.

Material broomed onto the roadway inslopes will not be left in piles or windrows. The material will be evenly distributed at a height that will not hinder mowing operations or cause dispersion of the material into the traveled roadway when passed over with a mower.

Anticipated areas, other than the bridge areas stated above, that will require either removal of the chips with a pickup sweeper or additional dispersal of the chips with the rotary powered broom are:

ROUTE	LOCATION
SD20	Residential and commercial areas in the City of Hoven.

This list may not be complete. Additional areas may need attention as directed by the Engineer.

BRIDGE ENDS AND APPROACH SLABS

Asphalt surface treatment will not be placed on any bridge, bridge approach slab, or bridge joint. Any emulsion or cover aggregate found to be on bridges or approach slabs after final brooming will be removed by the Contractor at no cost to the Department.

Material used to cover and protect bridges, approach slabs, and joints will be removed and disposed of properly after the application of the asphalt surface

treatment. When the material is removed, the asphalt surface treatment that does not stay adhered to the material will be cleaned off the road surface.

ASPHALT FOR SURFACE TREATMENT

CRS-2P Asphalt for Surface Treatment will be used on all Segments of this project.

Asphalt for surface treatment delivered for use on this contract will be used in the order that it is received. Storage of asphalt for surface treatment will only be allowed at the end of the workday. The material that is placed in storage will be the first material used the following workday.

Asphalt surface treatment will not be applied to transverse rumble strip areas prior to Stop Signs; however, these areas will still be fog sealed.

Application of the asphalt surface treatment will be applied to the widths specified in the plans. The Contractor will have to consider the width of overlap at centerline to obtain the total width specified. A gap at centerline between surface treatment passes will not be allowed.

On routes with an existing surface treatment, the Asphalt for Surface Treatment and Cover Aggregate will be applied only between the white edgelines of the roadway to allow the white edge to be slightly recessed. On first seal routes, the Asphalt for Surface Treatment and Cover Aggregate will be applied the full width of the road and shoulders.

MODIFIED COVER AGGREGATE

Modified Cover Aggregate and CRS-2P Asphalt for Surface Treatment will be used on all segments of this project. Modified Cover Aggregate will conform to the following gradation requirements:

% Passing 3/8” Sieve	100%
% Passing No. 4 Sieve	0 – 75%
% Passing No. 8 Sieve	0 – 30%
% Passing No. 40 Sieve	0 – 6%
% Passing No. 200 Sieve	0 – 1.5%

Should the material fail the No. 200 sieve requirements, the Contractor will shut down operations until the Engineer determines if changes or corrections are required. Application of the cover aggregate will be maintained within 500 feet or have a time limit of 1 minute between the application of the CRS-2P Asphalt for Surface Treatment and the application of the Modified Cover Aggregate, whichever amounts to a shorter time period.

The Contractor will continue chip spreader progress, forward, through the asphalt application at any end where work will be temporarily shut down for more than 5 minutes, to allow for satisfactory uniform rolling of the placed aggregate. The Contractor will not allow the chip spreader, trucks, rollers, or other equipment to lie dormant on the aggregate while transitioning between asphalt distributor loads and/or any other temporary shutdown of production before uniform rolling is completed. All passes of the rollers will be completed within 8 minutes of application of the CRS-2P Asphalt for Surface Treatment.

After an aggregate stockpile has been produced, the Contractor will submit an aggregate sample to the asphalt supplier a minimum of 14 days prior to starting the project to allow time to evaluate the compatibility and design of the surface treatment. A copy of the test results will be submitted to the

MODIFIED COVER AGGREGATE (CONTINUED)

Engineer and Bituminous Engineer for approval prior to starting the asphalt surface treatment work.

Quality testing on the Modified Cover Aggregate for abrasion and soundness conforming to Type 1B Cover Aggregate are required by specification. The Contractor will notify the Pierre Area Office prior to sampling and a representative from the Pierre Area Office will witness all sampling of aggregates to be submitted to the Central Testing Laboratory for quality assurance. Satisfactory test results for the Modified Cover Aggregate will be obtained prior to its use on the project.

FOG SEAL

The fog seal will be placed following the completion of the asphalt surface treatment. Prior to the application of the fog seal, the Contractor will be required to broom the asphalt surface treatment. CSS-1h or SS-1h will be used for the fog seal application. The Asphalt for Fog Seal used will be compatible with the aggregate used.

The Contractor will fog seal the entirety of the asphalt surface treatment surface, including the sluff.

SAND FOR FOG SEAL

The Contractor will plan the fog seal operation to allow adequate cure time for the fog seal and to minimize/eliminate the need to apply Sand for Fog Seal. If adequate cure time for the fog seal is not available, to facilitate traffic, the Contractor will be allowed to place a minimum sufficient amount of blotting sand on the fog seal to allow traffic to cross the uncured portion of the fog seal, as permitted by the Engineer.

Sand for Fog Seal is only intended to be placed for accesses to businesses, intersection crossings, and as determined by the Engineer to facilitate traffic movements. Sand for Fog Seal will not be used to accelerate the Contractor's schedule. Sand that is applied will be broomed off the surface of the roadway once the fog seal has sufficiently cured as determined by the Engineer.

Sand for Fog Seal will conform to Section 879.1.B. Prior to hauling, Sand for Fog Seal will be screened to minimize segregation, eliminate oversize, and effectively breakup or discard material bonded into chunks. All costs for supplying, hauling, placing, and brooming the blotting sand will be incidental to the contract unit price per ton for "Sand for Fog Seal".

STOCKPILE SITE RELEASES

Upon completion of the contract, the Contractor will supply the Engineer with a copy of all stockpile site releases to place in the Department's records.

GENERAL TRAFFIC CONTROL

Existing guide, route, informational logo, regulatory, and warning signs will be temporarily reset and maintained during construction. Removing, relocating, covering, salvaging, and resetting of existing traffic control devices, including delineation, will be the responsibility of the Contractor. Cost for this work will be incidental to the contract unit prices for the various items unless otherwise specified in the plans. Any delineators and signs damaged or lost will be replaced by the Contractor at no cost to the State.

All temporary traffic control sign locations will be set in the field by the Contractor and verified by the Engineer prior to installation.

If there is a discrepancy between the traffic control plans, standard plates, and the MUTCD, whichever is more stringent will be used, as determined by the Engineer.

Unless otherwise stated in these plans, work will not be allowed during hours of darkness.

Fixed location signing placed more than 4 calendar days prior to the start of construction will be covered or laid down until the time of construction. The covers must be approved by the Engineer prior to installation. The cost of materials, labor, and equipment necessary to complete this work will be incidental to other contract items. No separate payment will be made. All fixed location signs, sign posts, and breakaway bases will be removed within 7 calendar days following pavement marking.

All haul trucks will be equipped with an additional flashing amber light that is visible from the backside of the haul truck. The costs for the flashing amber lights will be incidental to the various related contract items. Traffic will be maintained on the driving lanes. Use of the shoulder as a driving lane will not be permitted. Any damage to the shoulder due to rerouted traffic or Contractor's equipment will be repaired at no expense to the Department.

The Contractor will furnish, install, maintain, and remove TRUCK CROSSING (W8-6) signs daily. The TRUCK CROSSING signs will be displayed always when haul vehicles are hauling material. When hauling conditions no longer exist, the signs will be covered or removed from view. The exact number and location will be determined during construction. Payment for additional signs will be based on the contract unit price per square foot for "Traffic Control Signs."

TRAFFIC CONTROL SIGNS

Traffic control signs have been included in a table for each segment. Payment will only be for those signs used on each segment.

Segment 1 (SD20):

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS					
SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
W8-6	TRUCK CROSSING	2	48" x 48"	16.0	32.0
W8-7	LOOSE GRAVEL	3	48" x 48"	16.0	48.0
W20-1	ROAD WORK AHEAD	3	48" x 48"	16.0	48.0
W20-4	ONE LANE ROAD AHEAD	4	48" x 48"	16.0	64.0
W20-7	FLAGGER (symbol)	4	48" x 48"	16.0	64.0
SPECIAL	WAIT FOLLOW PILOT CAR	16	30" x 18"	3.8	60.8
G20-1	ROAD WORK NEXT 1 MILE	2	36" x 18"	4.5	9.0
G20-2	END ROAD WORK	2	36" x 18"	4.5	9.0
		CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT			

Segment 2 (US212):

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS					
SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
W8-6	TRUCK CROSSING	2	48" x 48"	16.0	32.0
W8-7	LOOSE GRAVEL	12	48" x 48"	16.0	192.0
W13-1P	ADVISORY SPEED (plaque)	12	30" x 30"	6.3	75.6
W20-1	ROAD WORK AHEAD	5	48" x 48"	16.0	80.0
W20-4	ONE LANE ROAD AHEAD	4	48" x 48"	16.0	64.0
W20-7	FLAGGER (symbol)	4	48" x 48"	16.0	64.0
SPECIAL	WAIT FOLLOW PILOT CAR	9	30" x 18"	3.8	34.2
G20-1	ROAD WORK NEXT 18 MILES	2	36" x 18"	4.5	9.0
G20-1	ROAD WORK NEXT 9 MILES	2	36" x 18"	4.5	9.0
G20-2	END ROAD WORK	2	36" x 18"	4.5	9.0
		CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT			

Segment 3 (SD1804):

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS					
SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
W8-6	TRUCK CROSSING	2	48" x 48"	16.0	32.0
W8-7	LOOSE GRAVEL	6	48" x 48"	16.0	96.0
W13-1P	ADVISORY SPEED (plaque)	6	30" x 30"	6.3	37.8
W20-1	ROAD WORK AHEAD	4	48" x 48"	16.0	64.0
W20-4	ONE LANE ROAD AHEAD	4	48" x 48"	16.0	64.0
W20-7	FLAGGER (symbol)	4	48" x 48"	16.0	64.0
SPECIAL	WAIT FOLLOW PILOT CAR	3	30" x 18"	3.8	11.4
G20-1	ROAD WORK NEXT 11 MILES	4	36" x 18"	4.5	18.0
G20-1	ROAD WORK NEXT 6 MILES	2	36" x 18"	4.5	9.0
G20-2	END ROAD WORK	2	36" x 18"	4.5	9.0
		CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT			

Segment 4 (SD34):

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS					
SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
W8-6	TRUCK CROSSING	2	48" x 48"	16.0	32.0
W8-7	LOOSE GRAVEL	12	48" x 48"	16.0	192.0
W13-1P	ADVISORY SPEED (plaque)	12	30" x 30"	6.3	75.6
W20-1	ROAD WORK AHEAD	2	48" x 48"	16.0	32.0
W20-4	ONE LANE ROAD AHEAD	4	48" x 48"	16.0	64.0
W20-7	FLAGGER (symbol)	4	48" x 48"	16.0	64.0
SPECIAL	WAIT FOLLOW PILOT CAR	5	30" x 18"	3.8	19.0
G20-1	ROAD WORK NEXT 18 MILES	2	36" x 18"	4.5	9.0
G20-1	ROAD WORK NEXT 9 MILES	2	36" x 18"	4.5	9.0
G20-2	END ROAD WORK	2	36" x 18"	4.5	9.0
		CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT			

TABLE OF DO NOT PASS/PASS WITH CARE SIGNS

ROUTE	DO NOT PASS	PASS WITH CARE	LENGTH OF NO PASSING ZONES (MI)
Seg 1 – SD20	2	0	0.676
Seg 2 – US212	5	6	0.627
Seg 3 – SD1804	2	2	0.286
Seg 4 – SD34	42	41	7.518
Seg 5 – SD1806	22	22	4.406
Seg 6 – SD63	38	37	7.754
TOTAL	111	108	21.267

PAVEMENT MARKING PAINT

The Contractor will advise the Engineer a minimum of 3 weeks prior to the application of the permanent pavement marking to allow the State to check and mark the location of no passing zones.

The application of permanent pavement marking will begin no sooner than 7 calendar days following completion of the fog seal. Application of permanent pavement marking will be completed within 14 calendar days following completion of the final surfacing.

Paint is to be placed beyond the 11'-6" asphalt surface treatment. Contractor will take measures to ensure the asphalt surface treatment does not extend into the white edge line. Any edgeline painting found on the asphalt surface treatment will require adjustment of the asphalt surface treatment and or re-painting at the Contractors expense.

HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT

All materials will be applied as per manufacturer’s recommendations. High build waterborne pavement marking paint will conform to Section 980.1 B.

Reflective media will consist of glass beads. Reflective media will require a Certificate of Compliance for Certification for each source and lot. Acceptance sampling will not be required.

RETROREFLECTIVITY FOR PAVEMENT MARKING

The Department may take retroreflectivity readings on the pavement marking lines after 14 days and within 42 days of the line application using either a portable or mobile retroreflectometer that conforms to 30-meter geometry. If the Department chooses to take retroreflectivity readings, three retroreflectivity readings will be taken on each line at each test location. The three readings will be averaged and become the reading for that test location.

If the Department chooses to take retroreflectivity readings, three readings will be taken on the edge lines and lane lines in the direction of application. For combination solid yellow and skip yellow lines for turn lanes and for centerline markings on two-way roadways, three readings will be taken in one direction, the reflectometer will be turned 180 degrees and three more readings will be taken. The six readings for the centerline markings will be averaged and become the test reading for that test location.

If the Department chooses to take readings, the minimum retroreflectivity values will be 275 mc/m2/lux for white and 170 mc/m2/lux for yellow.

RATES OF MATERIALS FOR HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT

Solid 4” line = 27.8 Gals/Mile
Dashed 4” line = 7.6 Gal/Mile
Glass Beads = 8 Lbs/Gal

All costs for materials, labor, and equipment necessary to furnish and install the pavement markings will be incidental to the contract unit price for the respective High Build Waterborne Pavement Marking Paint items.

PAVEMENT MARKING MASKING

Any existing pavement marking that is to be salvaged on this contract will be covered with an approved pavement marking masking immediately prior to sealing to preserve the various markings. The masking material will be sturdy enough to avoid being punctured by the cover aggregate when traffic drives over it.

All pavement marking to be masked will be cleaned with a high-pressure air blast device immediately prior to the application of the Pavement Marking Masking. The width of this masking will be one inch wider than the existing marking. The various items needed for Pavement Marking Masking will include material, labor, and equipment to satisfactorily install the masking prior to sealing and remove and dispose of the masking after the completion of the work and will be incidental to the contract unit price per foot or each for Pavement Marking Masking.

If the pavement marking is damaged due to improper masking, it will be replaced or repaired at the Contractor’s expense.

When the masking is removed, the asphalt surface treatment that does not stay adhered to the masking will be cleaned off the road surface.

Masking of the required areas on these routes may need to be completed twice due to the required placement of the Fog Seal on these routes. One application will be done prior to the placement of the chip seal, and the second will be done prior to the fog seal application. Each masking application will be paid for separately. If the Contractor can achieve satisfactory results by leaving the masking in place for both the chip seal and fog seal applications, this procedure will be allowed, and masking will only be paid for once.

TABLE OF PAVEMENT MARKING MASKING

ROUTE	LOCATION	DESCRIPTION	QUANTITY
Seg 2 – US212	US 212/SD47	4” yellow solid/dashed median markings, gore markings, 4” white dashed lane markings, 4” white solid free right/turn lane markings, & Lt turn arrow	6352 ft 5” masking 215 ft 25” masking 2 arrow masking, each

EXISTING PAVEMENT CONDITIONS

ROUTE	MRM TO MRM	EXISTING PAVEMENT CONDITION
Segment 1 – SD 20	254.54 + 0.000 to 255.17 + 0.038	Slightly pocked, porous and oxidized
Segment 2 – US 212	226.33 + 0.065 to 245.00 + 0.034	Slightly porous
Segment 3 – SD 1804	281.37 + 0.000 to 292.34 + 0.000	Slightly pocked, porous and oxidized
Segment 4 – SD34	227.00 + 0.384 to 245.00 + 0.498	Slightly pocked, porous and oxidized
Segment 5 - SD 1806	138.45 + 0.000 to 149.70 + 0.000	Slightly porous
Segment 6 – SD 63	119.12 +0.025 to 144.38 + 0.051	Slightly pocked, porous and oxidized

RATES OF MATERIALS

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	13	24

The Estimate of Quantities is based on the following quantities of materials per mile. Segment 1 is based on quantities of materials per station since it is less than one mile long.

SEGMENT 1 –
SD20 MRM 254.54+0.000 to 255.17+0.038, Sta 30+51.84 to 66+21.12

48 ft asphalt surface, w/ curb and gutter, stations:
30+51.84 to 43+67
51+32 to 57+07

NET LENGTH: 1,890.16 FT = 0.358 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 48.0 feet wide = **0.86 TON/STA**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 48.0 feet wide = **5.87 TON/STA**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 48.0 feet wide = **0.11 TON/STA**

44 ft asphalt surface, w/ curb and gutter, stations:
43+67 to 51+32
57+07 to 66+21.12

NET LENGTH: 1,679.12 FT = 0.318 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 44.0 feet wide = **0.79 TON/STA**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 44.0 feet wide = **5.38 TON/STA**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 44.0 feet wide = **0.11 TON/STA**

SEGMENT 2 –
US212 MRM 226.33+0.065 to 245.00+0.034, Sta 0+00 to 933+08.32

37 ft asphalt surface, w/ 2.5 ft sluff:
0+00 to 520+00

NET LENGTH: 52,000 FT = 9.848 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 42.0 feet wide = **7.9 TON/MILE**

31 ft asphalt surface, w/ 2.5 ft sluff, stations:
520+00 to 933+08.32

NET LENGTH: 41,308.32 FT = 7.824 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 36.0 feet wide = **6.7 TON/MILE**

SEGMENT 3 –
SD1804 MRM 281.37+0.000 to 292.34+0.000, Sta 0+00 to 577+52.64

36 ft asphalt surface, w/ 1 ft sluff:
0+00 to 577+52.64

NET LENGTH: 57,752.64 FT = 10.938 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 38.0 feet wide = **7.1 TON/MILE**

SEGMENT 4 –
SD34 MRM 227+0.384 to 245.00+0.498, Sta 0+00 to b352+11.22

28 ft asphalt surface, w/ 1 ft sluff:
0+00 to b352+11.22

NET LENGTH: 95,503.5 FT = 18.088 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 30.0 feet wide = **5.6 TON/MILE**

SEGMENT 5 –
SD1806 MRM 138.45+0.000 to 149.70+0.000, Sta 0+00 to 581+48.64

30 ft asphalt surface, w/ 1 ft sluff:
0+00 to 581+48.64

NET LENGTH: 57,956.16 FT = 10.977 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 32.0 feet wide = **6.0 TON/MILE**

SEGMENT 6 –
SD63 MRM 119.12+0.025 to 144.38+0.051, Sta 1+30 to 1341+22.56

34 ft asphalt surface, w/ 1 ft sluff:
1+30 to 686+85.52

NET LENGTH: 68,555.52 FT = 12.984 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 36.0 feet wide = **6.7 TON/MILE**

29 ft asphalt surface, w/ 1 ft sluff:
686+85.52 to 1341+22.56

NET LENGTH: 65150.96 FT = 12.339 MI

- CRS-2P Asphalt for Surface Treatment applied at the rate of 0.38 gallons per square yard at 23.0 feet wide = **21.8 TON/MILE**
- Modified Cover Aggregate applied at the rate of 22 pounds per square yard at 23.0 feet wide = **148.4 TON/MILE**
- SS-1h or CSS-1h Asphalt for Fog Seal applied at the rate of 0.075 gallons per square yard at 32.0 feet wide = **6.0 TON/MILE**

TABLE OF ADDITIONAL QUANTITIES

TABLE OF ADDITIONAL QUANTITIES			
Location	ASPHALT SURFACE TREATMENT CRS-2P TON	MODIFIED COVER AGGREGATE TON	SS-1H OR CSS-1H ASPH. FOR FOG SEAL TON
Hoven Adj. Roads to ROW limits	2.2	15	0.4
US212 Turn Lane to SD47	1.3	9.2	0.3
SD34 Transition	8.4	57.1	1.9

SUMMARY OF PROJECT QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	14	24

Revised 1/28/26 JML

BID ITEM NUMBER	ITEM	SEGMENT 1 - SD20	SEGMENT 2 - US212	SEGMENT 3 - SD1804	SEGMENT 4 - SD34	SEGMENT 5 - SD1806	SEGMENT 6 - SD63	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
330E0300	SS-1h/CSS-1h Asphalt for Fog Seal	6.2	130.3	77.7	103.4	65.7	161.2	544.5	Ton
330E3000	Sand for Fog Seal	20	10	10	10	10	10	70	Ton
360E0042	CRS-2P Asphalt for Surface Treatment	31.7	386.5	238.4	402.6	239.2	575.8	1874.2	Ton
360E1200	Modified Cover Aggregate	216.2	2632.2	1623.5	2741.8	1629.2	3758.6	12601.5	Ton
633E0010	Cold Applied Plastic Pavement Marking, 4"	-	440	-	-	-	-	440	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	-	1	-	-	-	-	1	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	40.0	1021.0	608.0	1008.0	612.0	1412.0	4701	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	33	157	91	360	221	429	1291	Gal
633E6005	Pavement Marking Masking, 5"	-	6352	-	-	-	-	6352	Ft
633E6020	Pavement Marking Masking, 25"	-	215	-	-	-	-	215	Ft
633E6030	Pavement Marking Masking, Arrow	-	2.0	-	-	-	-	2	Each
634E0010	Flagging	60	279	165	273	165	381	1323	Hour
634E0020	Pilot Car	10	93	55	91	55	127	431	Hour
634E0110	Traffic Control Signs	334.8	568.8	405.2	505.6	403.2	633.8	2851.4	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	LS
634E0630	Temporary Pavement Marking	2.1	55.9	32.8	54.4	33.1	76.2	254.5	Mile

APPLICATIONS OF PAVEMENT MARKING PAINT

PAVEMENT MARKING

TWO LANE ROADWAY

Typical pavement marking as shown on this sheet will be applied throughout the entire length of two lane roadway.

Traffic Control will be incidental to the cost of application. The striper and advance or trailing warning vehicle will be equipped with flashing amber lights and advance warning arrow board.

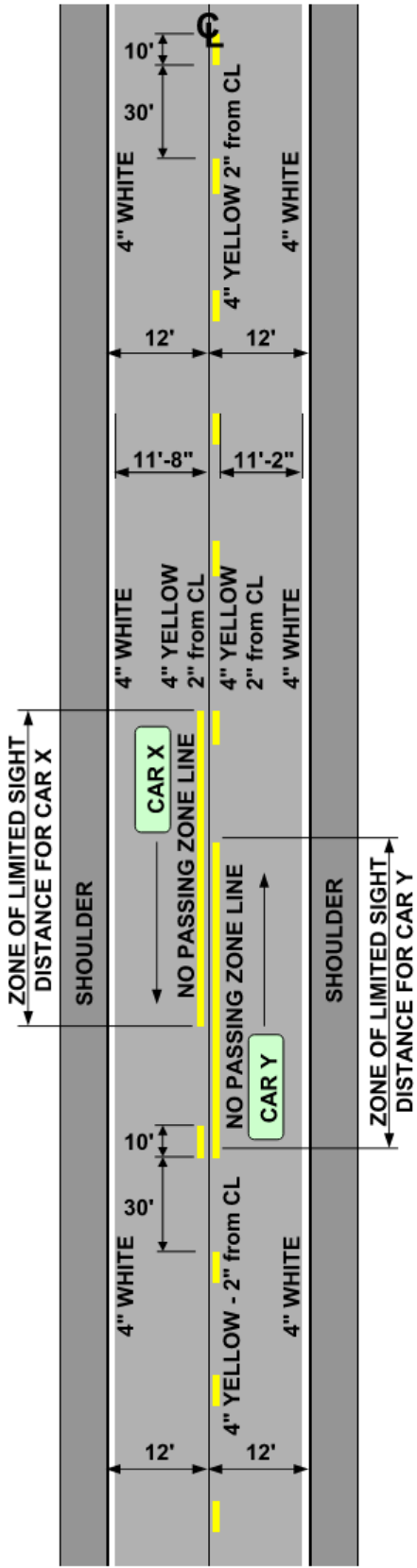
Application rates will be as follows:

Two Lane Roadway (Rates for one line)
Dashed Yellow Centerline Rate = 7.6 Gals./Pass-Mile
Solid Yellow Centerline Rate = 27.8 Gals./Pass-Mile
Solid White Edgeline Rate = 27.8 Gals./Pass-Mile

4" Yellow Skip Centerline (when not adjacent to a 4" Yellow No Passing Zone) will be placed consistently to the south or east side of centerline.

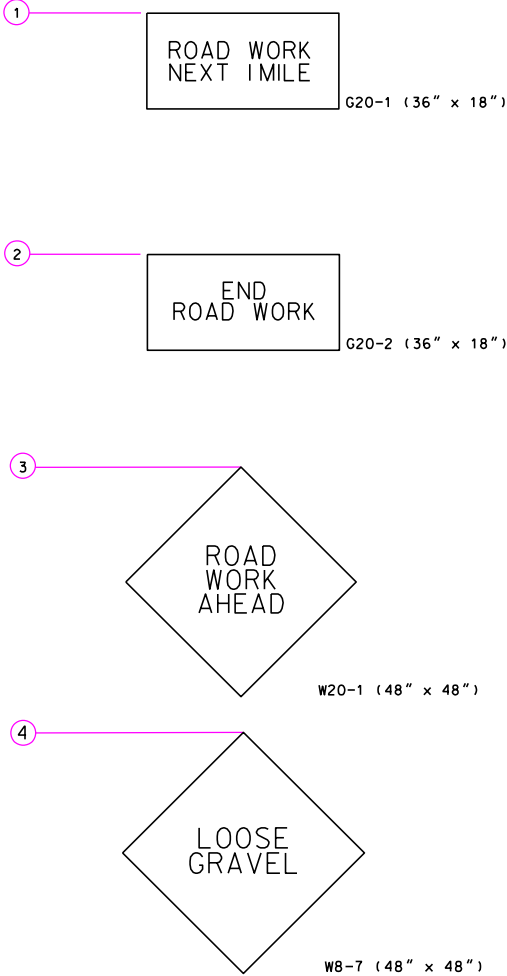
ESTIMATE OF QUANTITIES		
SEGMENT	HIGH GRADE POLYMER	
	WHITE (GALLONS)	YELLOW (GALLONS)
1	40	33
2	1021	157
3	608	91
4	1008	360
5	612	221
6	1412	429
TOTALS	4701	1291

Cold Applied Plastic Pavement Quantities			
SEGMENT	4'		Arrow
	WHITE (Ft)	YELLOW (Ft)	Lt Turn (Each)
2	200	240	1



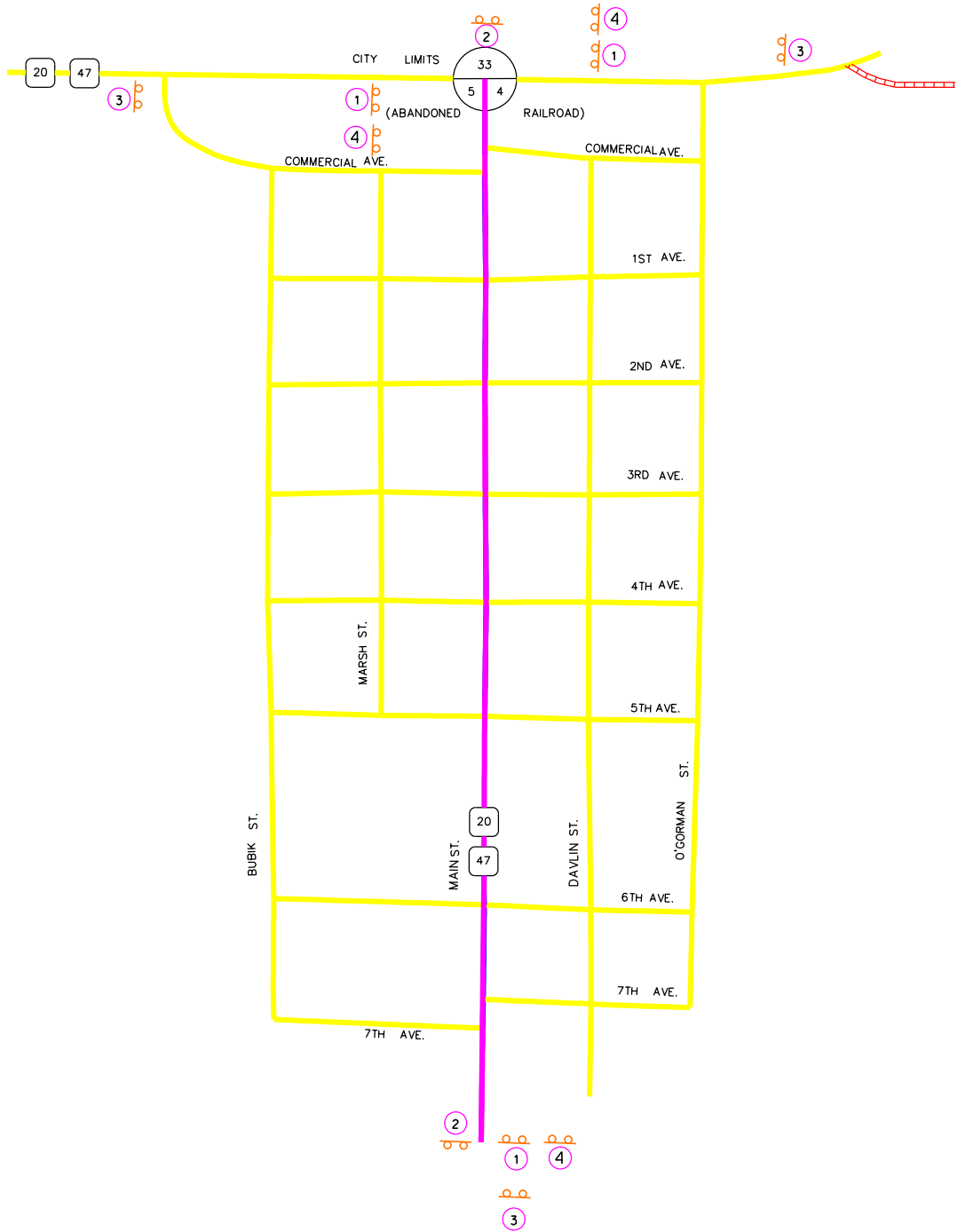
Plotted From: TRPR22412 Plot Scale: 1"=60' 9601

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	16	24
Plotting Date: 12/05/2025 JML Revised Date: 1/28/2026			



FIXED LOCATION SIGN LAYOUT SD HIGHWAY 20

NOT TO SCALE



NOTES:
All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.

Plot Scale - 1:60,960

Plotted From - TRPR22412

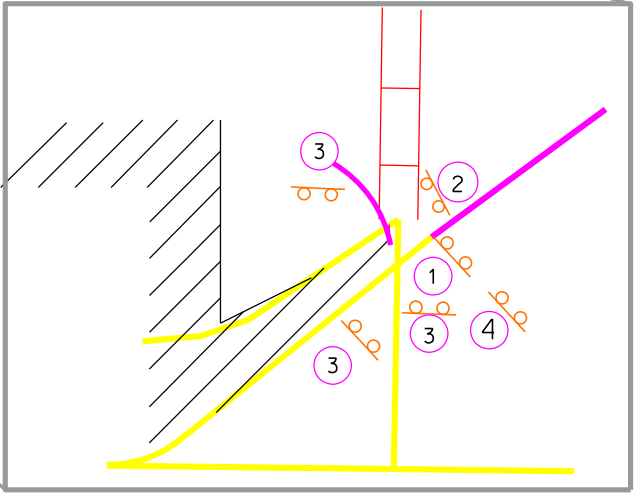
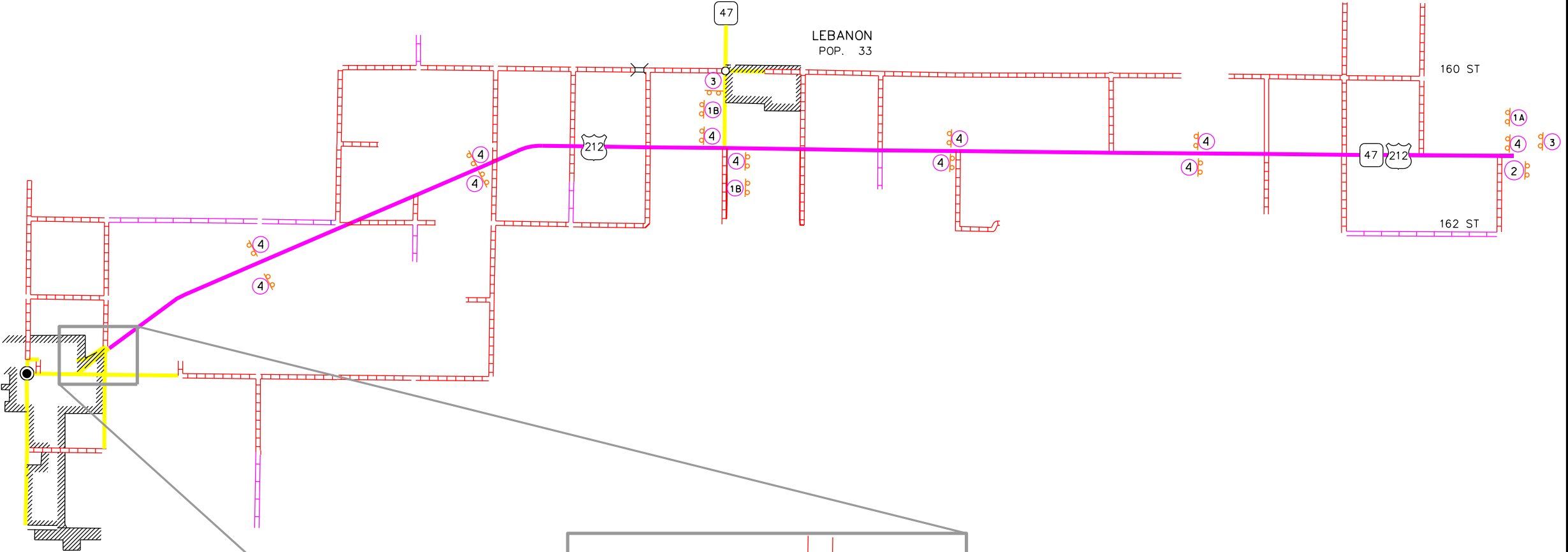
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	17	24
Plotting Date: 12/08/2025		JML	Revised Date: 1/28/2026



FIXED LOCATION SIGN LAYOUT US HIGHWAY 212

NOT TO SCALE

- 1A
- ROAD WORK
NEXT 18 MILES
- G20-1 (36" x 18")
- 1B
- ROAD WORK
NEXT 9 MILES
- G20-1 (36" x 18")
- 2
- END
ROAD WORK
- G20-2 (36" x 18")
- 3
- ROAD
WORK
AHEAD
- W20-1 (48" x 48")
- 4
- LOOSE
GRAVEL
- W8-7 (48" x 48")
- 40
M.P.H.
- W13-1P (30" x 30")



NOTES:
All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.

GETTYSBURG
POP. 1,104

Plot Scale - 1:60,960:1

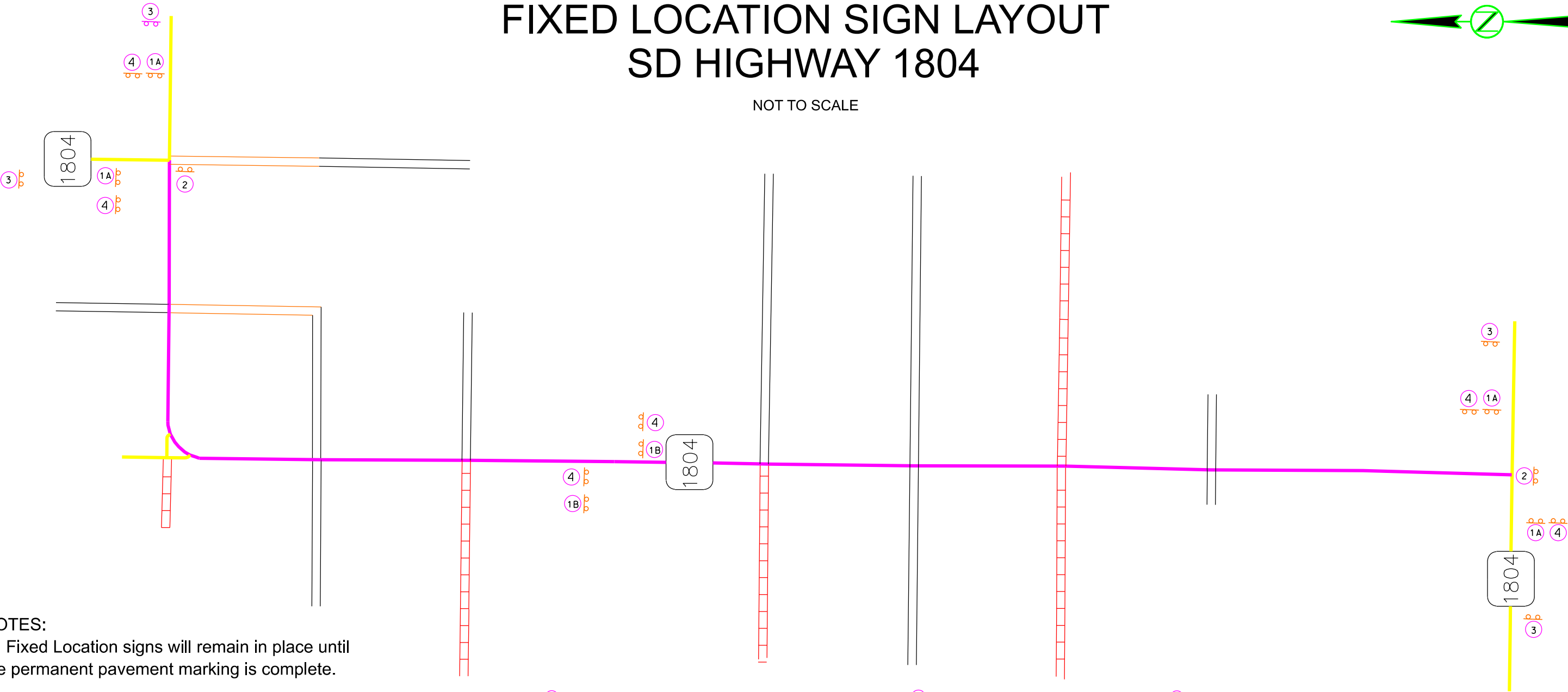
Plotted From - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	18	24
Plotting Date: 12/09/2025		JML	Revised Date: 1/28/2026

FIXED LOCATION SIGN LAYOUT

SD HIGHWAY 1804

NOT TO SCALE

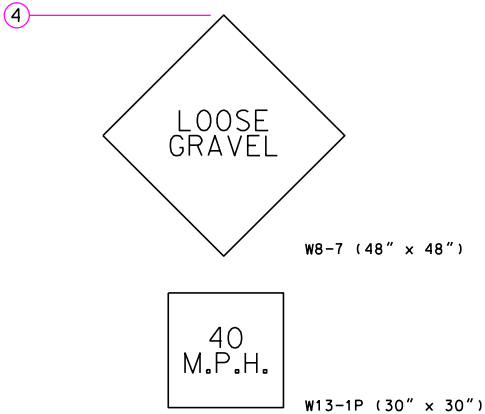
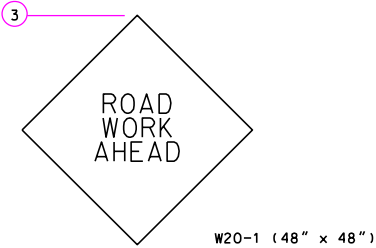
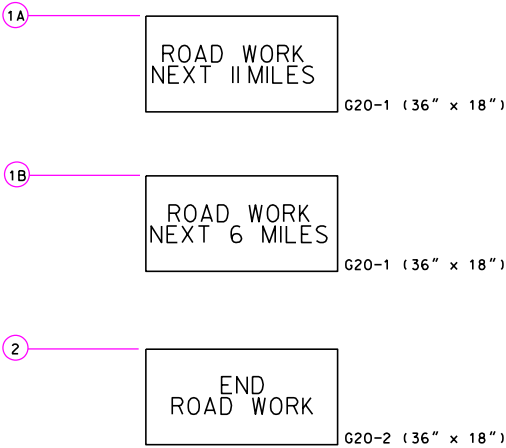


NOTES:
All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.



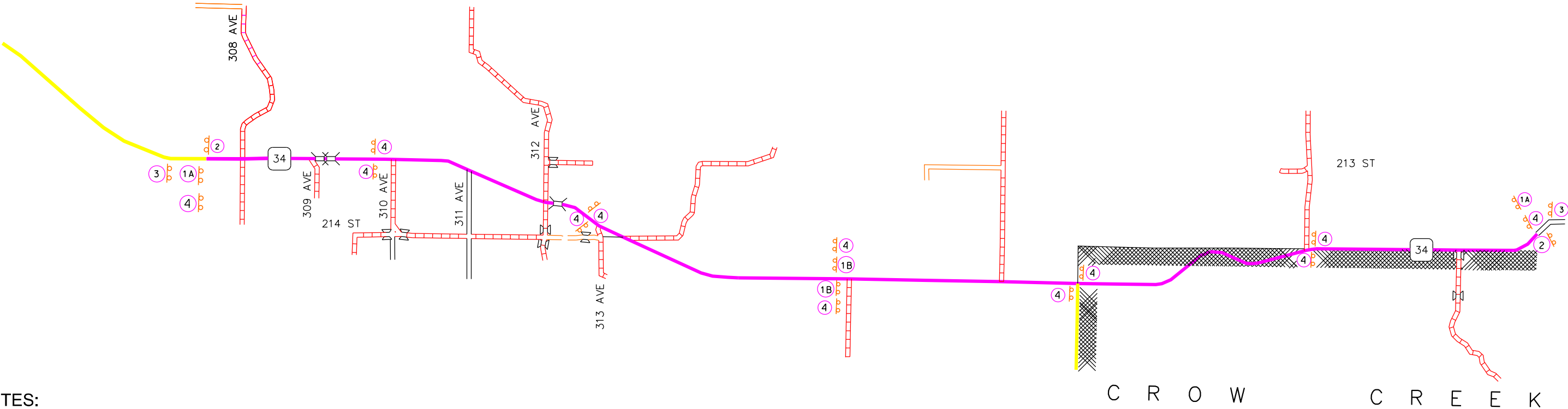
Plot Scale - 1:60,960:1

Plotted From - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	19	24
Plotting Date:		12/09/2025	JML
		Revised Date: 1/28/2026	

FIXED LOCATION SIGN LAYOUT SD HIGHWAY 34

NOT TO SCALE

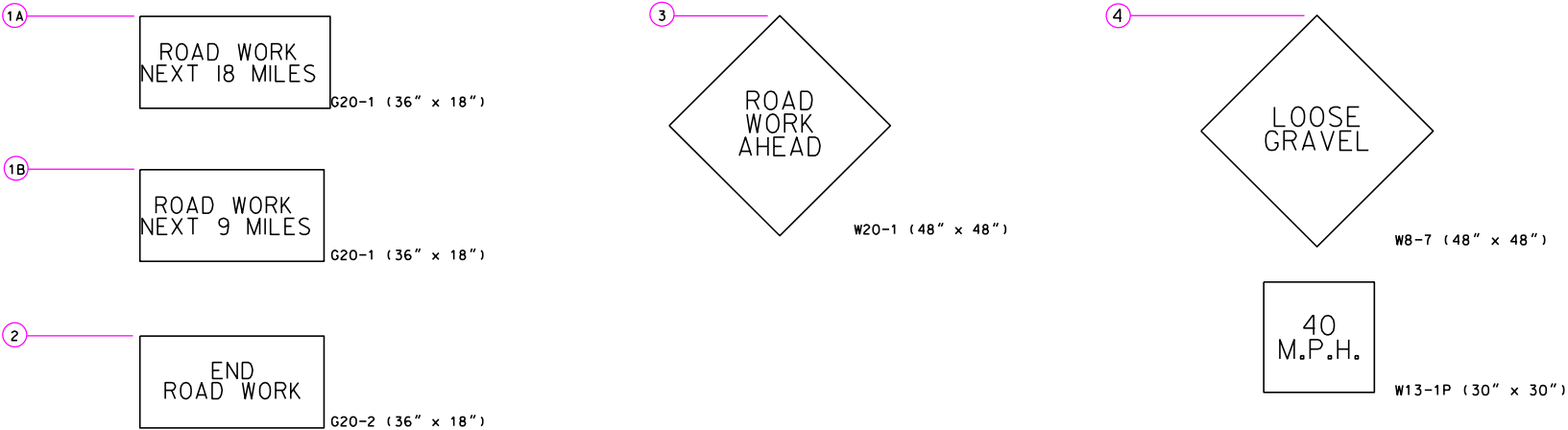


NOTES:
All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

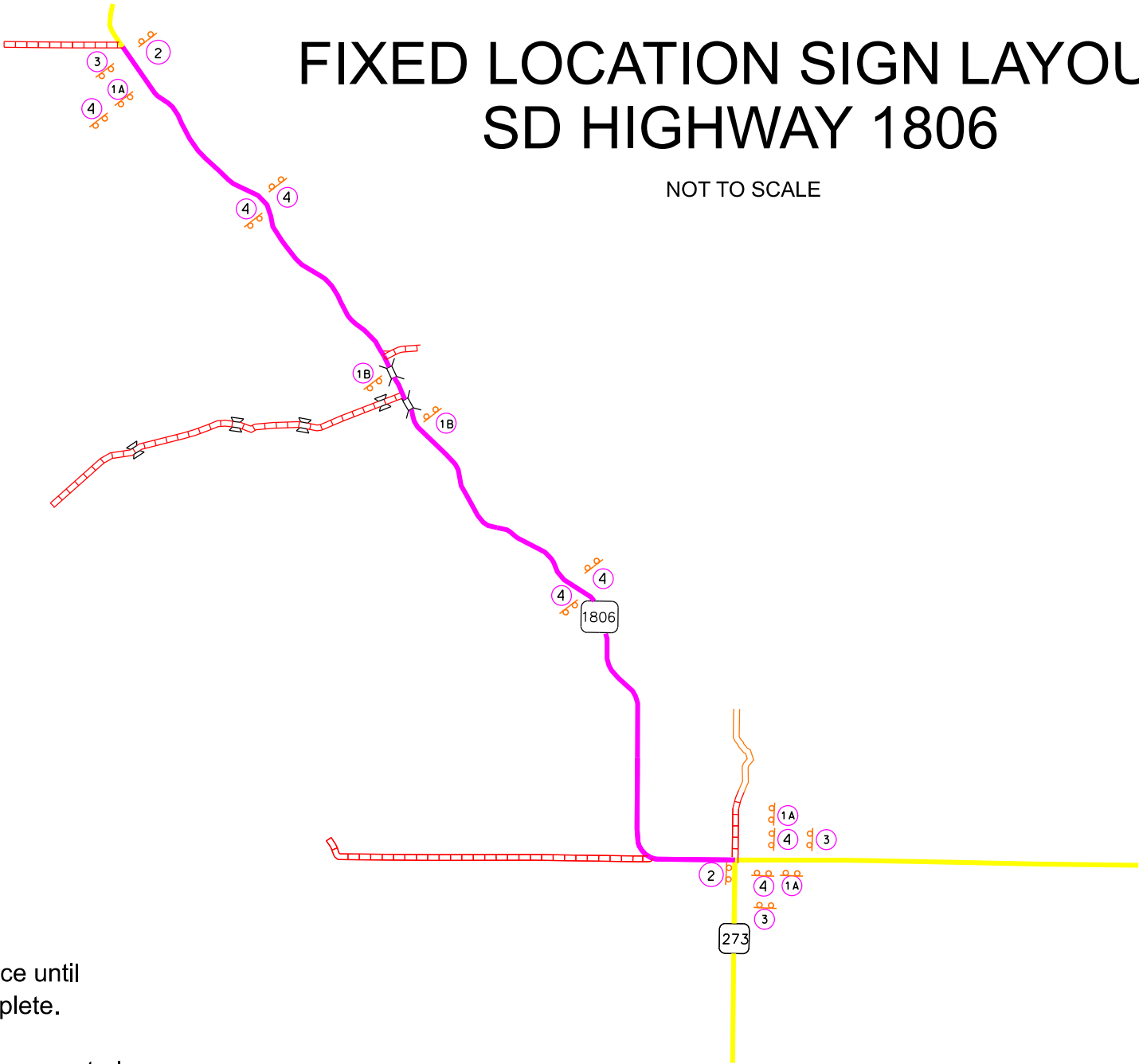
Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.



Plot Scale - 1:60,960:1

Plotted From - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	20	24
Plotting Date: 12/09/2025 JML Revised Date: 1/28/2026			



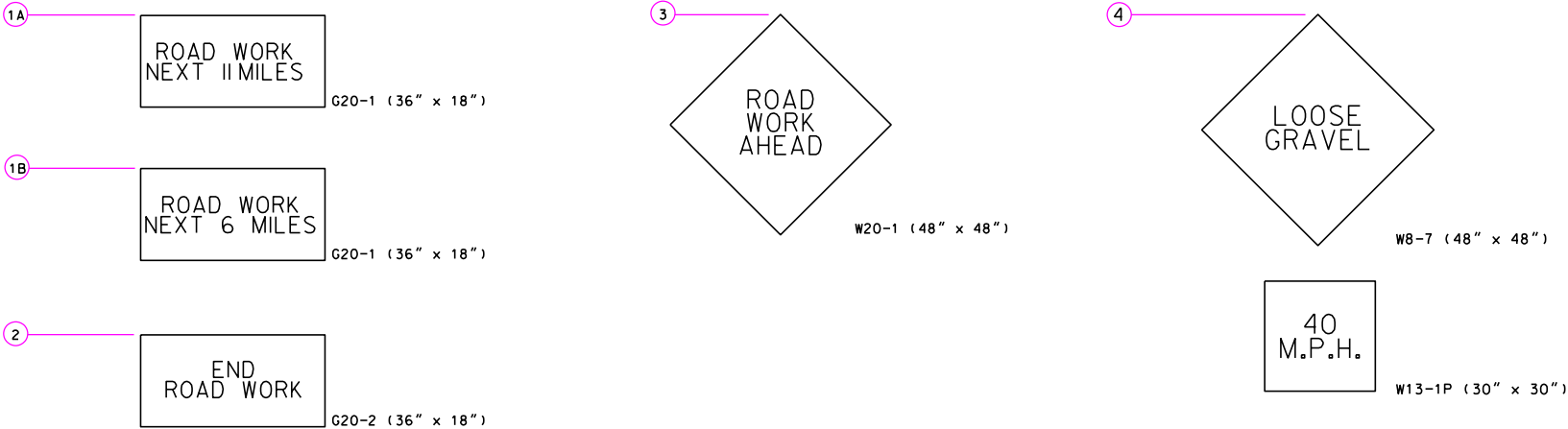
NOTES:

All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.



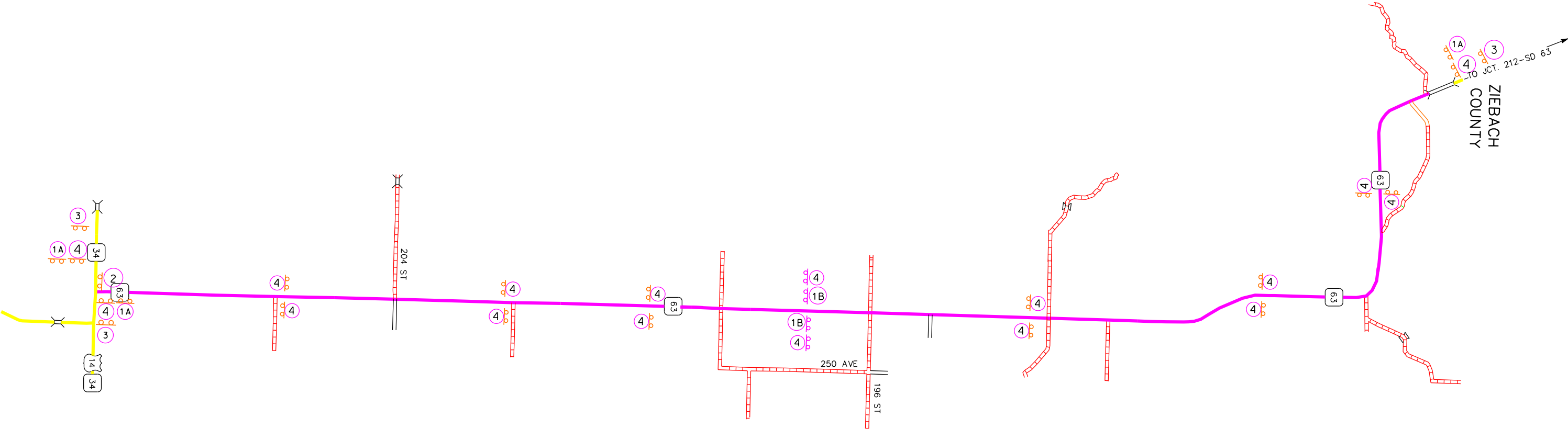
Plot Scale - 1:60,960

Plotted From - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	21	24
Plotting Date: 12/09/2025		JML	Revised Date: 1/28/2026

FIXED LOCATION SIGN LAYOUT SD HIGHWAY 63

NOT TO SCALE

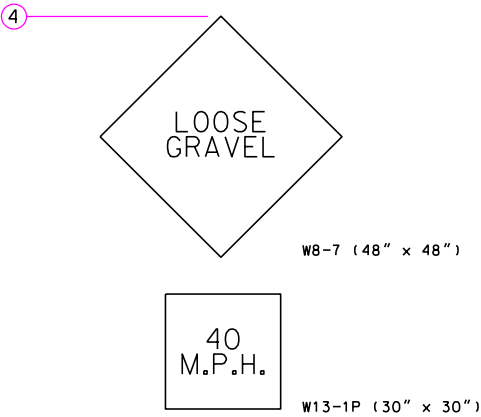
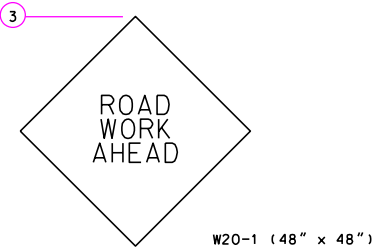
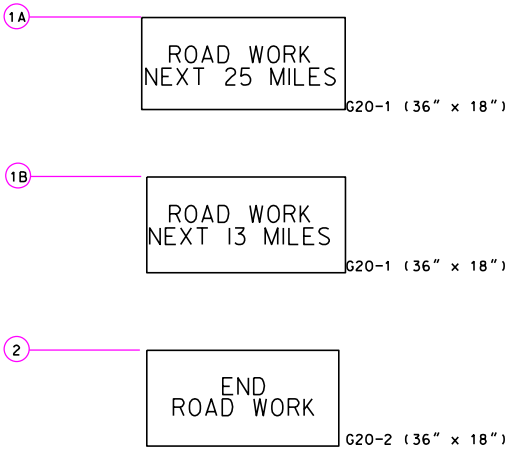


NOTES:
All Fixed Location signs will remain in place until the permanent pavement marking is complete.

W20-1 ROAD WORK AHEAD signs will be mounted on portable supports, and will be placed on intersecting roadways as directed by the Engineer. ROAD WORK AHEAD signs will be moved as necessary to keep current with the work activities.

The exact location and spacing of the signs shown will be marked in the field by the Contractor and verified by the Engineer prior to installation.

Construction signs shall not obscure existing signs. Signs will be installed 200' to 300' from any intersections and 200' from any existing signs.



PLOT SCALE - 1:200

-PLOTTED FROM - TRPR22412

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-P 0031(63)	24	24

Plotting Date: 1/28/2026

PLOT NAME - \$\$\$PLOTNAME\$\$

FILE - ... \09WR STANDARD PLATES.DGN

