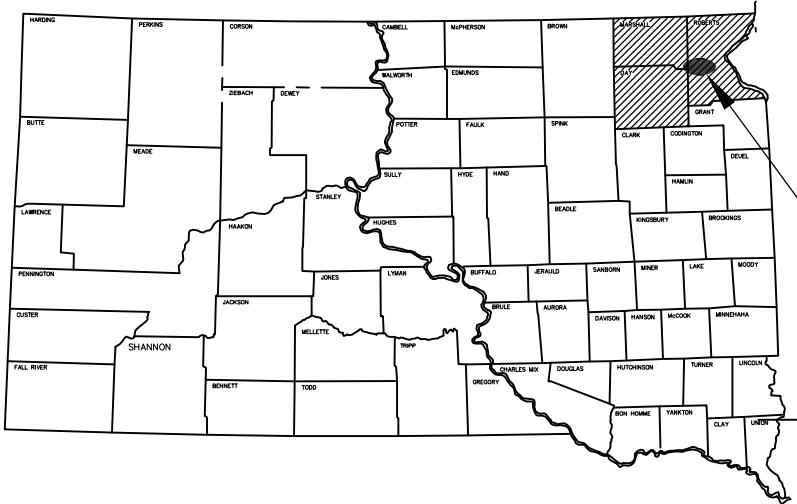


Apr 10, 2024 - 2:22pm - K:\Projects\Tribal\SissetonWahpetonOyate\2211-01223_ReservationWideStriping\CAD\Working\2211-01223_Title.dwg



LAKE TRAVERSE RESERVATION
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA
SISSETON-WAHPETON OYATE
ROADWAY MAINTENANCE

PROJECT
SAFETY IMPROVEMENTS

2211-01223
RESERVATION WIDE STRIPING
TOTAL PROJECT LENGTH = 37.2 MILES

INDEX OF SHEETS

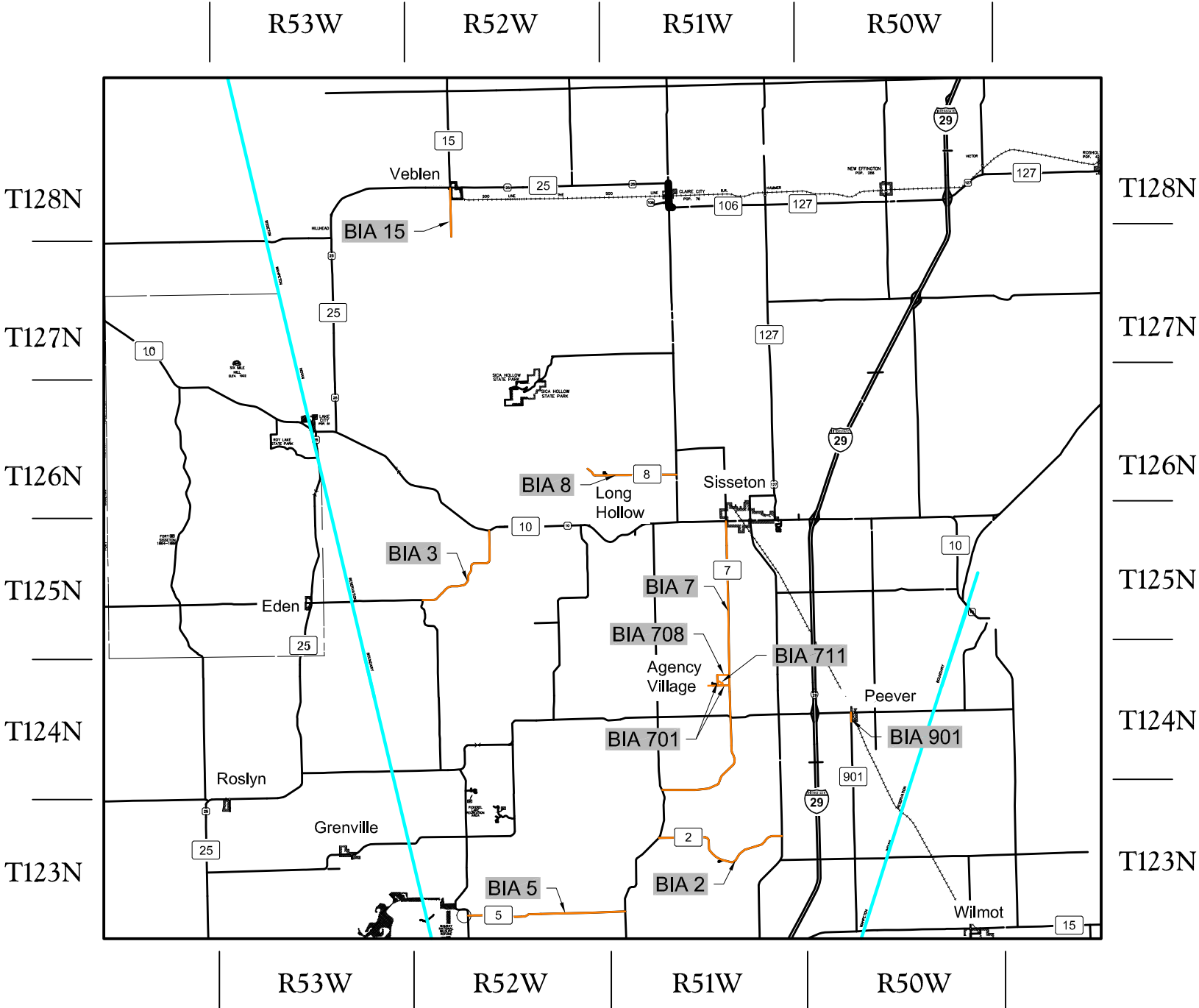
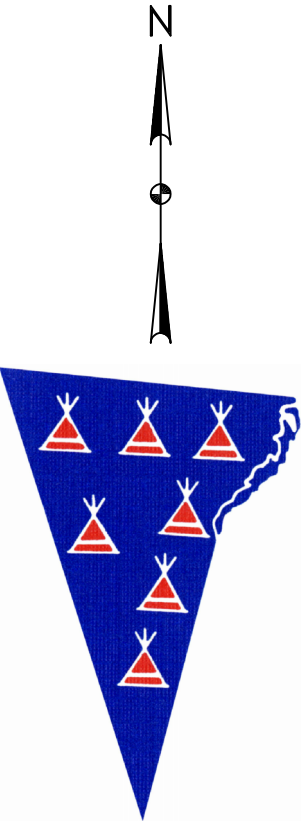
SECTIONS	SHEETS
1	TITLE SHEET
2	NOTES
10	BIA 2
20	BIA 3
30	BIA 5
40	BIA 7
50	BIA 8
60	AGENCY VILLAGE (BIA 701, 708, 711)
70	BIA 901
80	BIA 15
90	STANDARD PLATES

GROSS LENGTH	209,227	FEET	4.8	MILES
EXCEPTIONS	0	FEET	0	MILES
NET LENGTH	639,954	FEET	14.7	MILES

GOVERNING SPECIFICATIONS:
2015 STANDARD SPECIFICATIONS ADOPTED BY THE SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION AND THE SUPPLEMENTAL
SPECIFICATIONS EFFECTIVE ON THE DATE THE PROJECT IS ADVERTISED.

I certify that the PS&E meets or exceeds the design, health, and safety standards in appendix B to subpart D of 25 CFR Part 170.462. I also certify that the attached plans were prepared by me or under my direct supervision and that I am a duly registered professional engineer under the laws of the state of South Dakota.

DATE:



STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	2	1

PAVEMENT MARKING NOTES

COLD APPLIED PLASTIC PAVEMENT MARKING

All materials will be applied as per the manufacturer's recommendations. Cold Applied Plastic Pavement Markings will be 3M Series 380 AW or an approved equal.

When applying in place of existing cold applied markings, completely remove old markings and clean surface by removing all residue and debris before re-applying markings.

GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING

The Contractor will establish a positive means for the removal of the grinding and/or grooving residue. Residue from dry grooving will be vacuumed. Solid residue will be removed from the pavement surfaces before being blown by traffic action or wind. The Contractor will conduct this work to control and minimize airborne dust and similar debris that may become a hazard to motor vehicle operation or nuisance to property owners. Residue from wet grooving will not be permitted to flow across lanes being used by public traffic or into gutter or drainage facilities. Residue, whether in solid or slurry form, will be disposed of in a manner that will prevent it from reaching any waterway in a concentrated state. The cleaning of the residue for grooving will be to the satisfaction of the Engineer and may require more than one pass to adequately remove material. All costs for removal of grinding and/or grooving residue will be included in the contract unit price per foot, square foot, each, or word for "Grooving for Cold Applied Plastic Pavement Marking" contract items.

Grooving for cold applied plastic markings shall only be required when applying over new pavement or fresh chip seals.

GENERAL MARKING NOTES

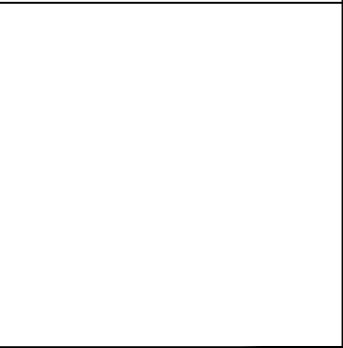
Before any construction operations, the pavement marking Contractor shall place markings or monuments to establish or re-establish the no passing zones.

DURABLE PAVEMENT MARKING APPLICATION RATE

Where Owner requests overspray of existing markings with high build paint, apply waterborne paint at a wet film thickness of 20 mils.

Where Owner requests new markings of high build paint, as needed in areas of new asphalt or fresh chip seals, apply waterbourne paint at a wet film thickness of 30 mils.

Where Owner requests epoxy based paint, apply at a wet film thickness of 20 mils.



Revised

KLJ

STRIPING NOTES

DRWN. BY
JGC/JJK

CHKD BY
DF

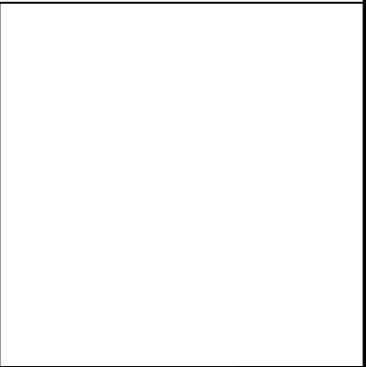
PROJECT NO.
2211-01223

Jun 23, 2026 - 4:05pm - K:\Projects\Tribal\SissetonWahpetonOyate\2211-01223_ReservationWideStriping\CAD\Working\2211-01223_NOTES.dwg

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STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	10	1

STRIPING QUANTITIES - BIA 2				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E3005	Durable Pavement Marking, 4" Yellow	Ft	41,180
2	633E3007	Durable Pavement Marking, 6" White	Ft	64,204



Revised

SAFETY IMPROVEMENTS
*SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



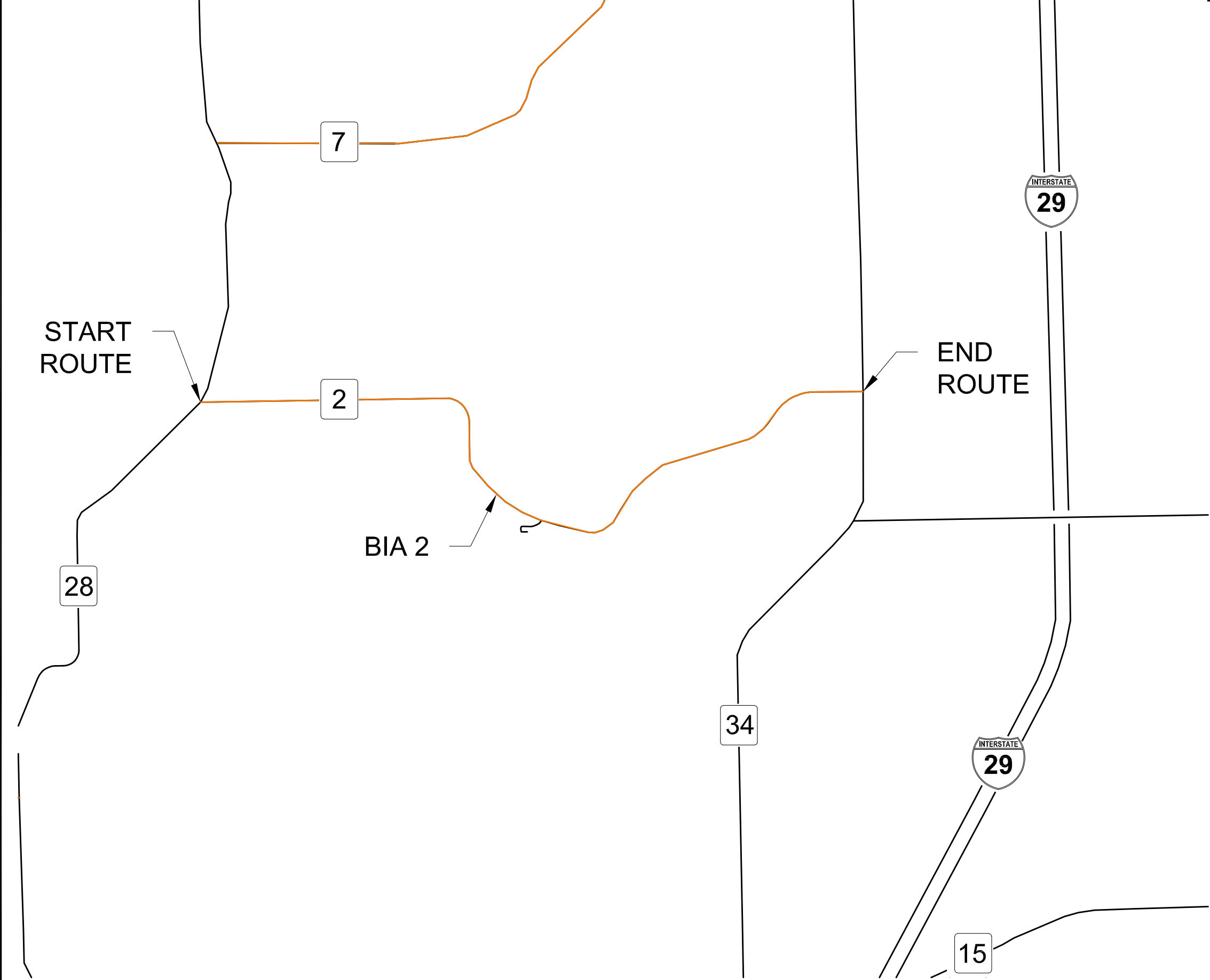
**BIA 2
STRIPING QUANTITIES**

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	10	2



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SAFETY IMPROVEMENTS
SISSETON WAHPETON OYATE
ROBERTS COUNTY, SOUTH DAKOTA



**BIA 2
ROUTE OVERVIEW**

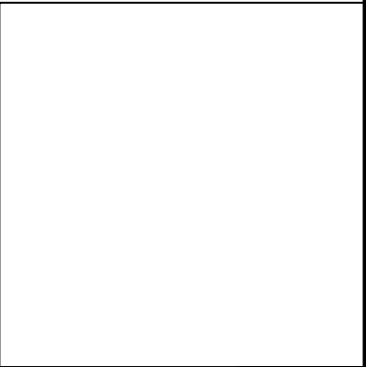
DRWN BY
JGC/JJK

CHK'D BY
DF

PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	20	1

STRIPING QUANTITIES - BIA 3				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E3005	Durable Pavement Marking, 4" Yellow	Ft	35,978
2	633E3007	Durable Pavement Marking, 6" White	Ft	51,938



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SAFETY IMPROVEMENTS
*SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



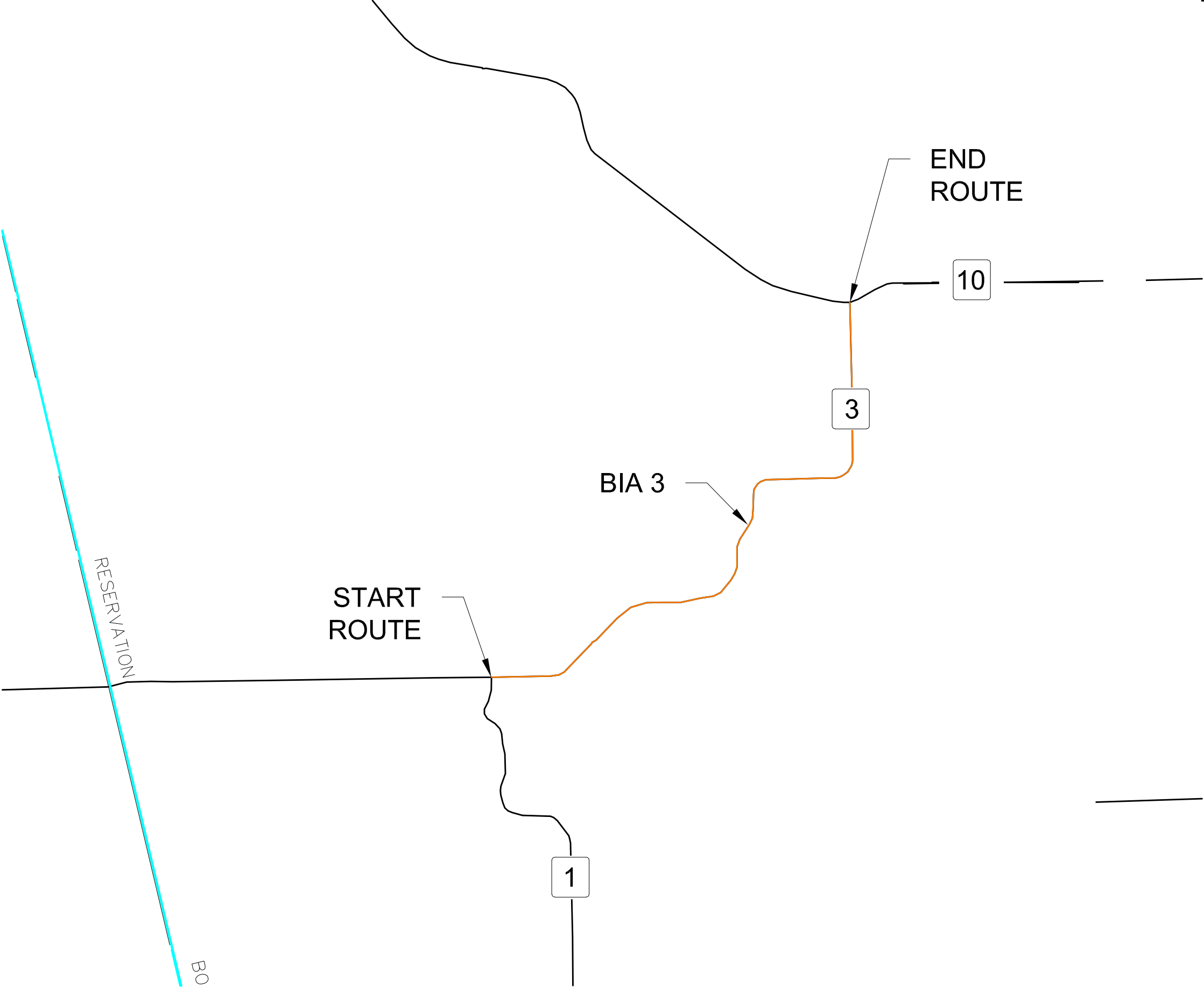
**BIA 3
STRIPING QUANTITIES**

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	20	2



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SAFETY IMPROVEMENTS
*SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



**BIA 3
ROUTE OVERVIEW**

DRWN BY
JGC

CHK'D BY
DF

PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	30	1

STRIPING QUANTITIES - BIA 5				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E3005	Durable Pavement Marking, 4" Yellow	Ft	30544
2	633E3007	Durable Pavement Marking, 6" White	Ft	69792.5

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SAFETY IMPROVEMENTS
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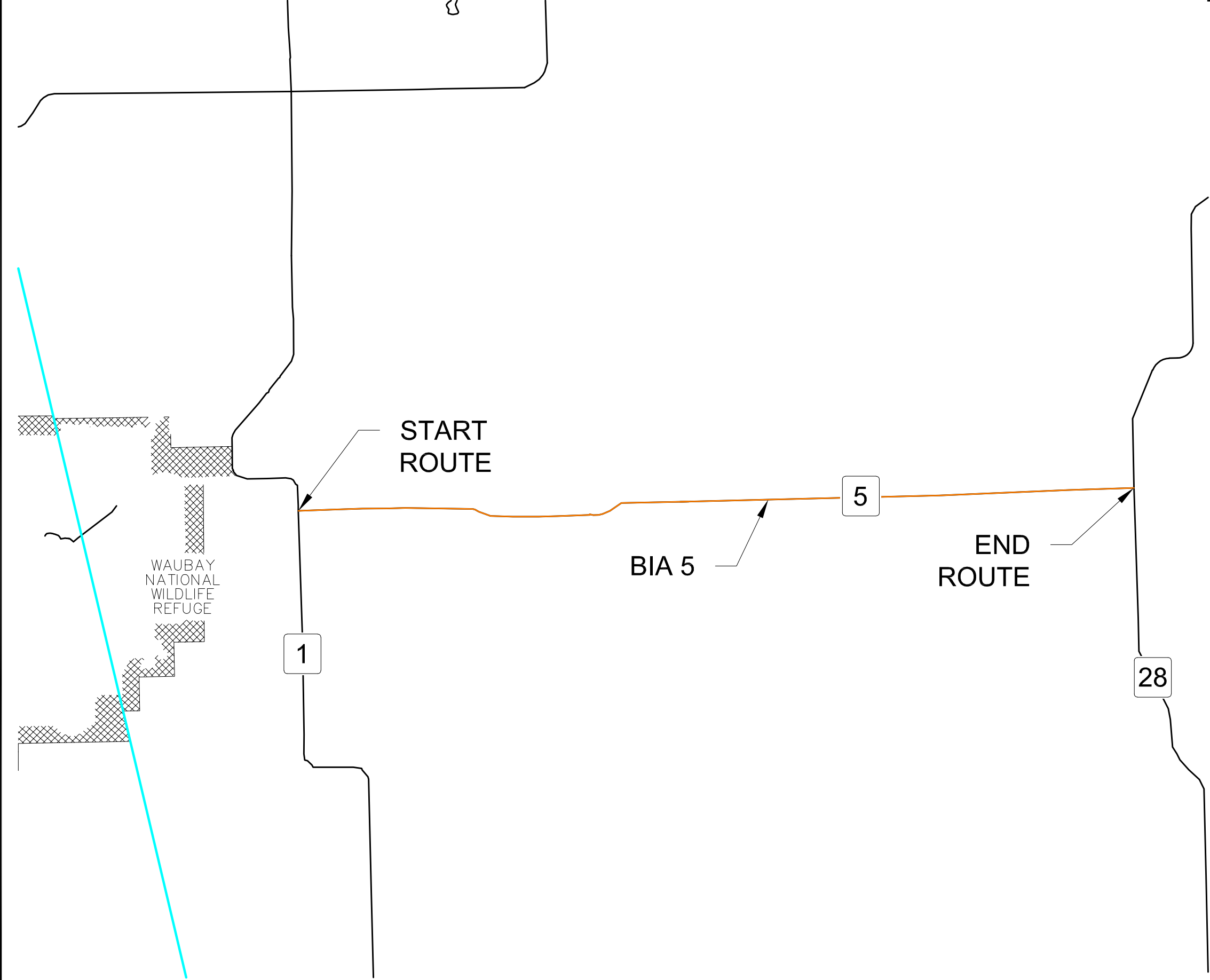
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STRIPING QUANTITIES**

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JGC

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	30	2



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SAFETY IMPROVEMENTS
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MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



**BIA 5
ROUTE OVERVIEW**

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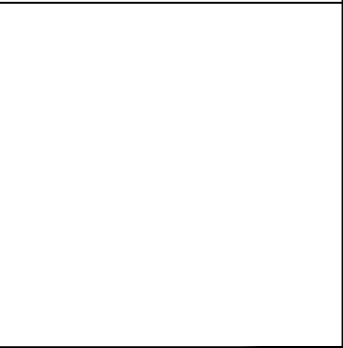
CHK'D BY
DF

PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	1

STRIPING QUANTITIES - BIA 7				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E0030	Cold Applied Plastic Pavement Marking 24"	Ft	168
2	633E0035	Cold Applied Plastic Pavement Marking, Yield Triangles	SqFt	144
3	633E3005	Durable Pavement Marking, 4" Yellow	Ft	61845.75
4	633E3007	Durable Pavement Marking, 6" White	Ft	143652
5	633E5015	Grooving for Cold Applied Plastic Pavement Marking 24"	Ft	168
6	633E5020	Grooving for Cold Applied Plastic Pavement Marking, Yield Triangles	SqFt	144
7	633E3040	Cold Applied Plastic Pavement Marking, Arrow	Each	20
8	633E5125	Grooving for Durable Pavement Marking, Arrow	Each	20

BASIS OF QUANTITIES
Three crosswalks are located on BIA 700. Each crosswalk shall have seven (7) crosswalk bars, sized per standard plate 633.01. Each crosswalk shall have eight (8) yield triangles facing each direction of traffic, sized 2-ft x 3-ft.



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SAFETY IMPROVEMENTS
SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA



**BIA 700
STRIPING QUANTITIES**

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	2

SISSETON

10

END
ROUTE

7

BIA 7

SEE SHEETS 3 – 7
FOR STRIPING LAYOUT

AGENCY
VILLAGE

INTERSTATE
29

29

START
ROUTE

7

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SAFETY IMPROVEMENTS
SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA



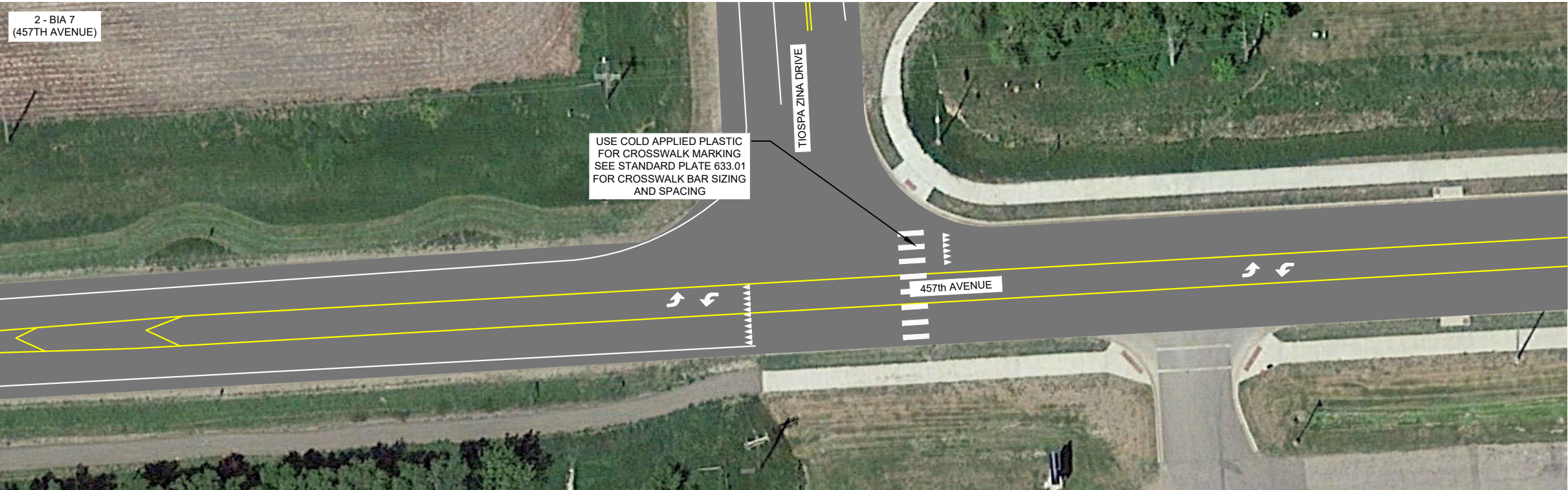
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ROUTE OVERVIEW**

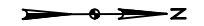
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DF

PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	3

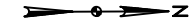
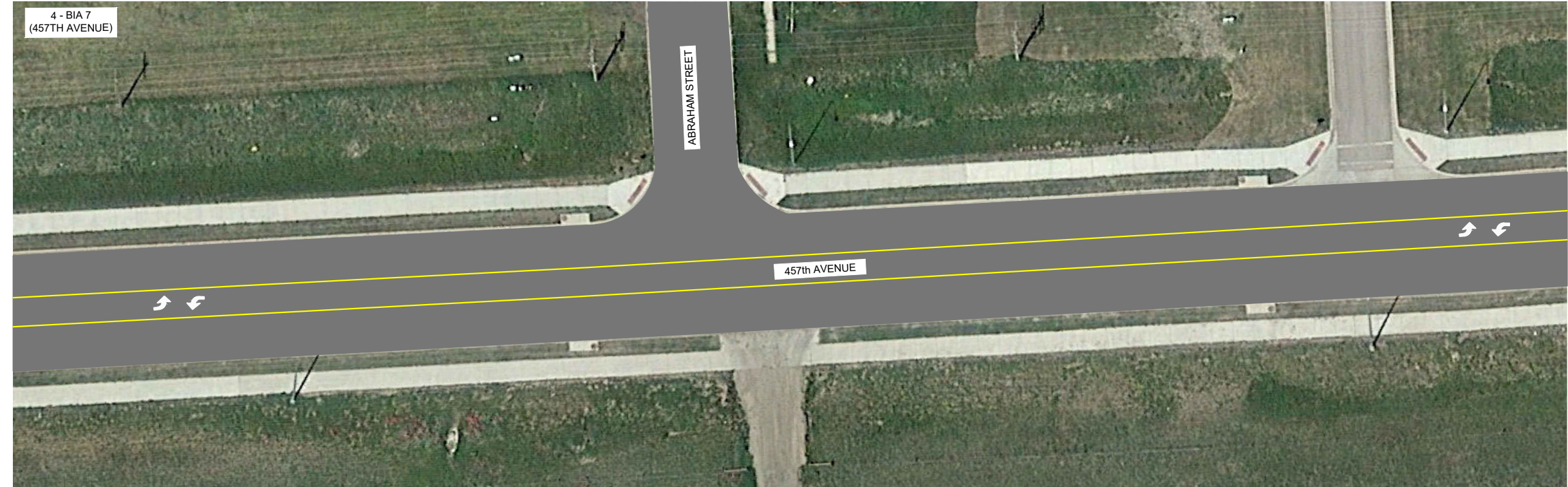
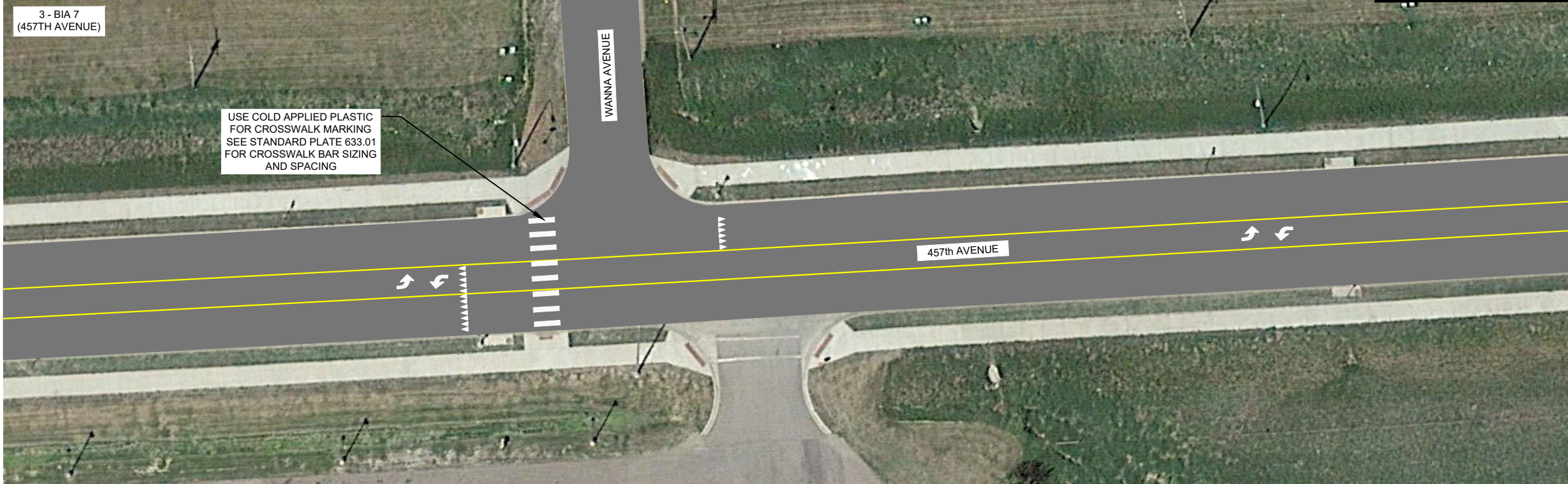




 Drawing not to scale

Revised		
SAFETY IMPROVEMENTS SISSETON WAHPETON OYATE MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA		
	BIA 7 457TH AVENUE STRIPING LAYOUT	
	DRWN. BY JGC/JJK	CHKD BY DF
PROJECT NO. 2211-01223		

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	4

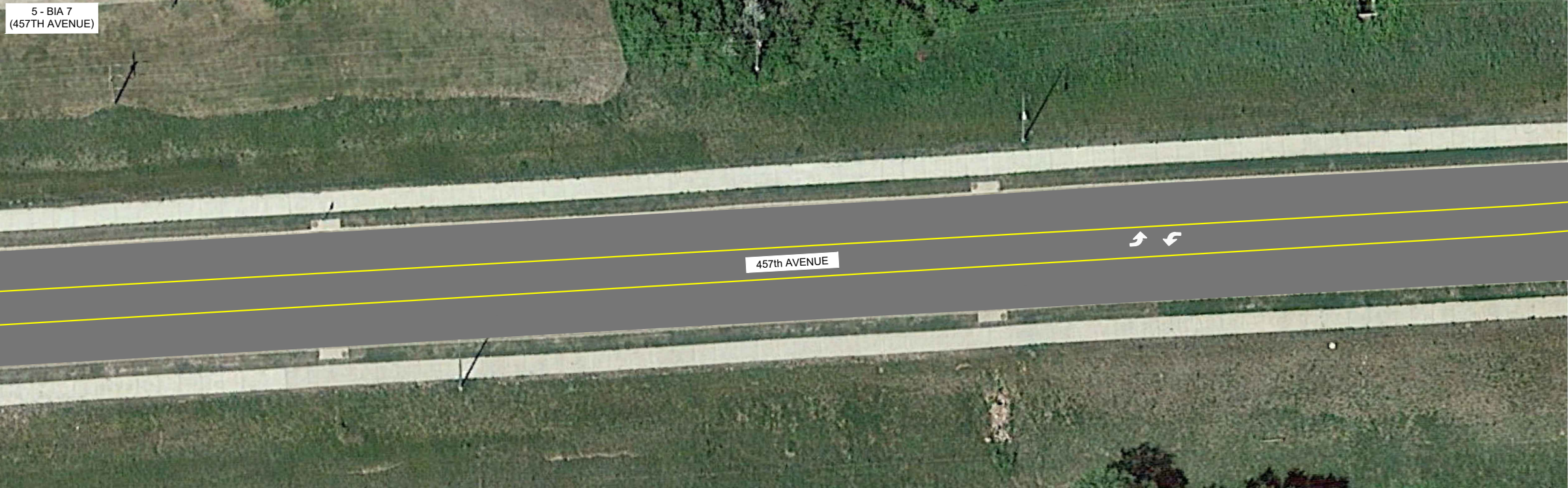


Drawing not to scale

Revised		
SAFETY IMPROVEMENTS SISSETON WAHPETON OYATE MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA		
	BIA 7 457TH AVENUE STRIPING LAYOUT	
	DRWN. BY JGC/IJK	CHKD BY DF
PROJECT NO. 2211-01223		

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	5

5 - BIA 7
(457TH AVENUE)



6 - BIA 7
(457TH AVENUE)



Revised		
SAFETY IMPROVEMENTS SISSETON WAHPETON OYATE MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA		
	BIA 7 457TH AVENUE STRIPING LAYOUT	
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PROJECT NO. 2211-01223		

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	40	7



North arrow pointing right.
Drawing not to scale

Revised		
SAFETY IMPROVEMENTS SISSETON WAHPETON OYATE MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA		
	BIA 7 457TH STREET STRIPING LAYOUT	
	DRWN. BY JGC/JJK	CHK'D BY DF PROJECT NO. 2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	50	1

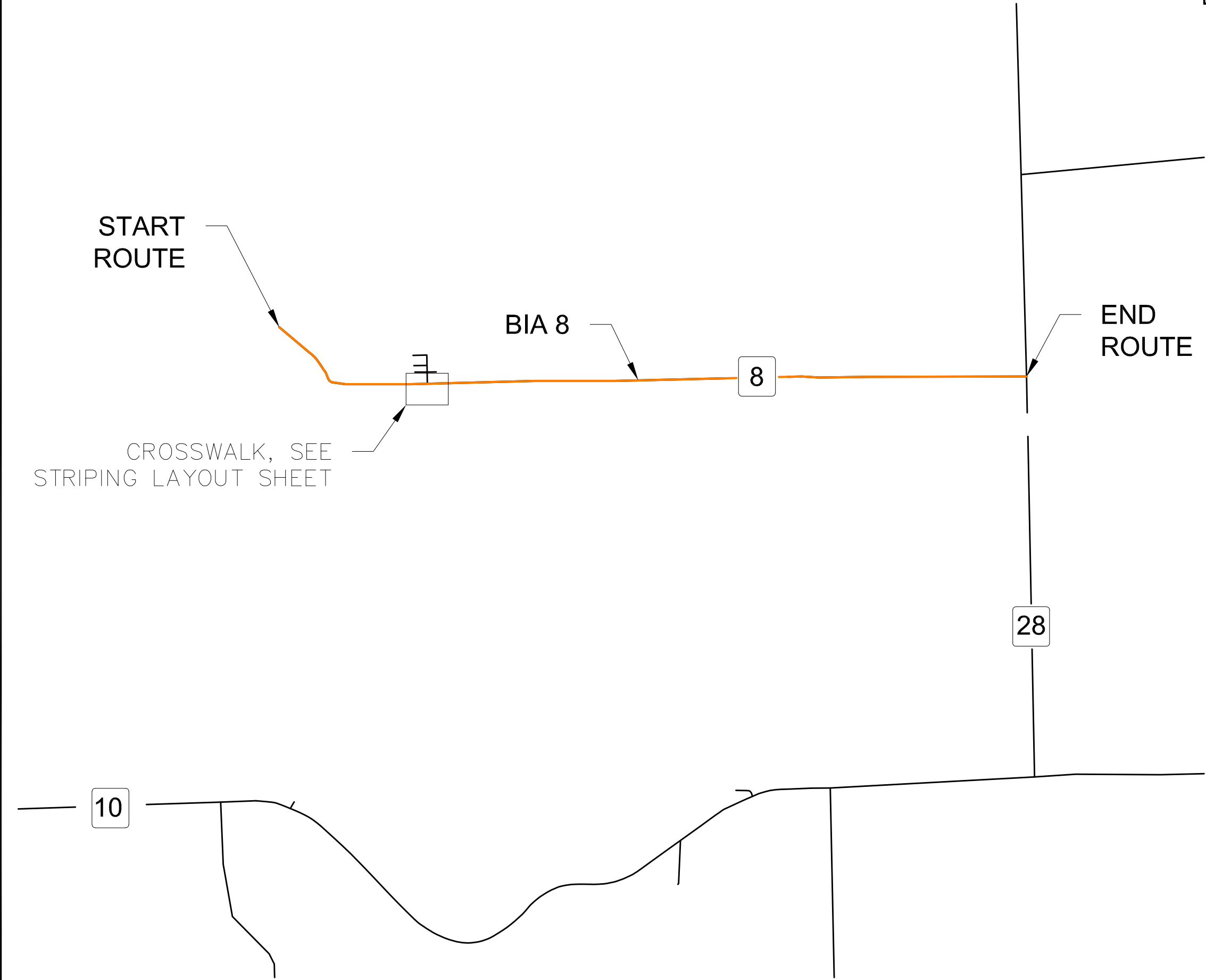
STRIPING QUNATITIES - BIA 8				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E0030	Cold Applied Plastic Pavement Marking 24"	Ft	56
2	633E0035	Cold applied Plastic Pavmement Marking, Area	SqFt	24
3	633E3005	Durable Pavement Marking, 4" Yellow	Ft	14,181
4	633E3007	Durable Pavement Marking, 6" White	Ft	40,098

BASIS OF QUANTITIES

One crosswalk is located on BIA 8. The crosswalk shall have seven (7) crosswalk bars, sized per standard plate 633.01, and shall have four (4) yield triangles facing each direction of traffic, sized 2-ft x 3-ft.

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SAFETY IMPROVEMENTS SISSETON WAHPETON OYATE MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA		
	BIA 8 STRIPING QUANTITIES	
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STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	50	2



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SAFETY IMPROVEMENTS
*SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



**BIA 8
ROUTE OVERVIEW**

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	50	3



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SAFETY IMPROVEMENTS

SISSETON WAHPETON OYATE

MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA

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BIA 8

STRIPING LAYOUT

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PROJECT NO.

2211-01223

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STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	70	1

STRIPING QUANTITIES - BIA 901				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E3005	Durable Pavement Marking, 4" Yellow	Ft	2,174
2	633E3007	Durable Pavement Marking, 6" White	Ft	3,930

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SAFETY IMPROVEMENTS

SISSETON WAHPETON OYATE

MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA



BIA 901

STRIPING QUANTITIES

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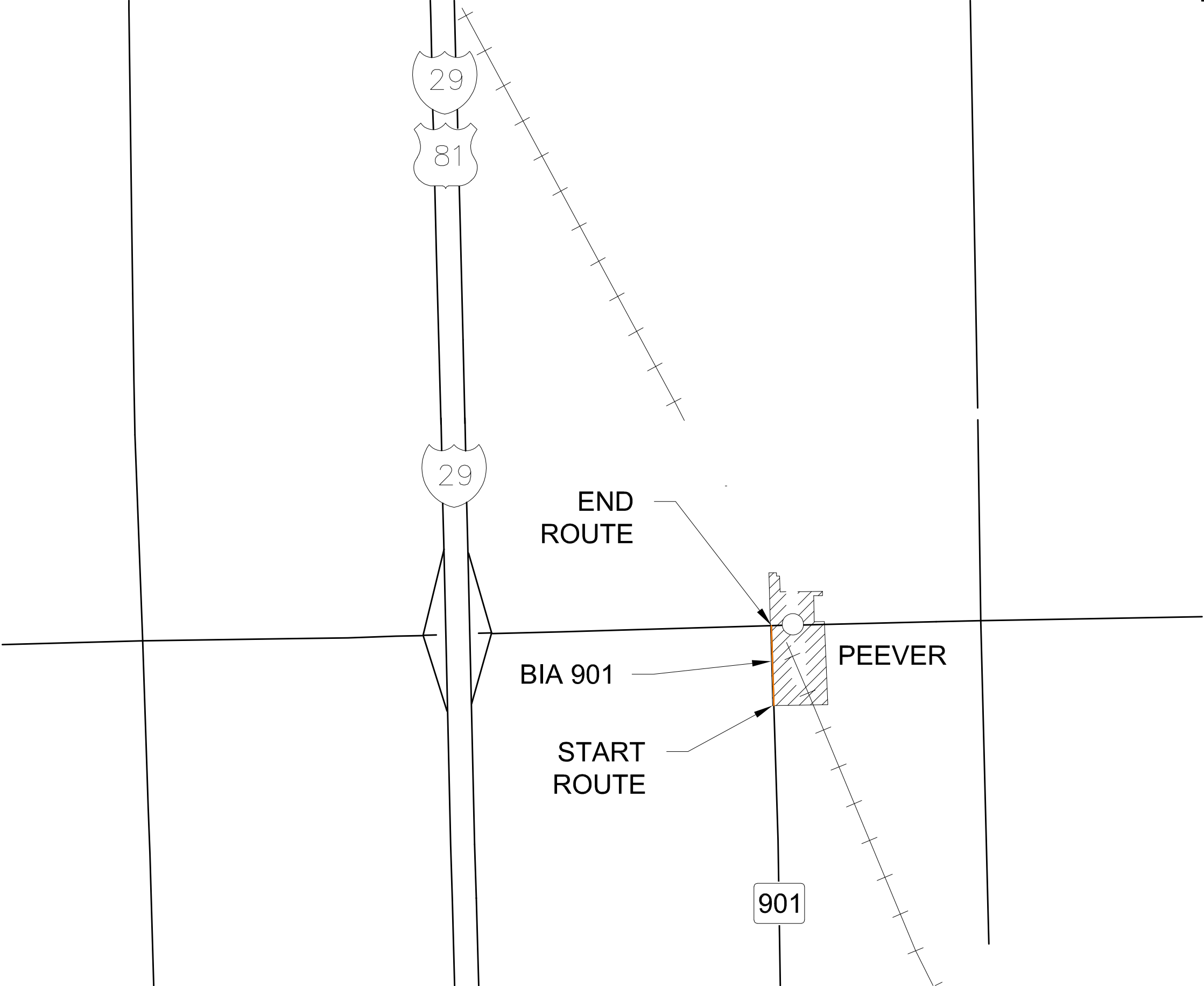
PROJECT NO.

2211-01223

Apr 09, 2024 - 2:10pm - C:\Users\jarrod.kassian\AppData\Local\Temp\AcPublish_23480\2211-01223_QUANTITIES.dwg

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STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	70	2



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**BIA 901
ROUTE OVERVIEW**

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PROJECT NO.
2211-01223

STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	80	1

STRIPING QUANTITIES - BIA 15				
ITEM #	BID ITEM NUMBER	ITEM	UNIT	QUANTITY
1	633E3005	Durable Pavement Marking, 4" Yellow	Ft	9,754
2	633E3007	Durable Pavement Marking, 6" White	Ft	21,346

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SAFETY IMPROVEMENTS
*SISSETON WAHPETON OYATE
MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*



BIA 15
STRIPING QUANTITIES

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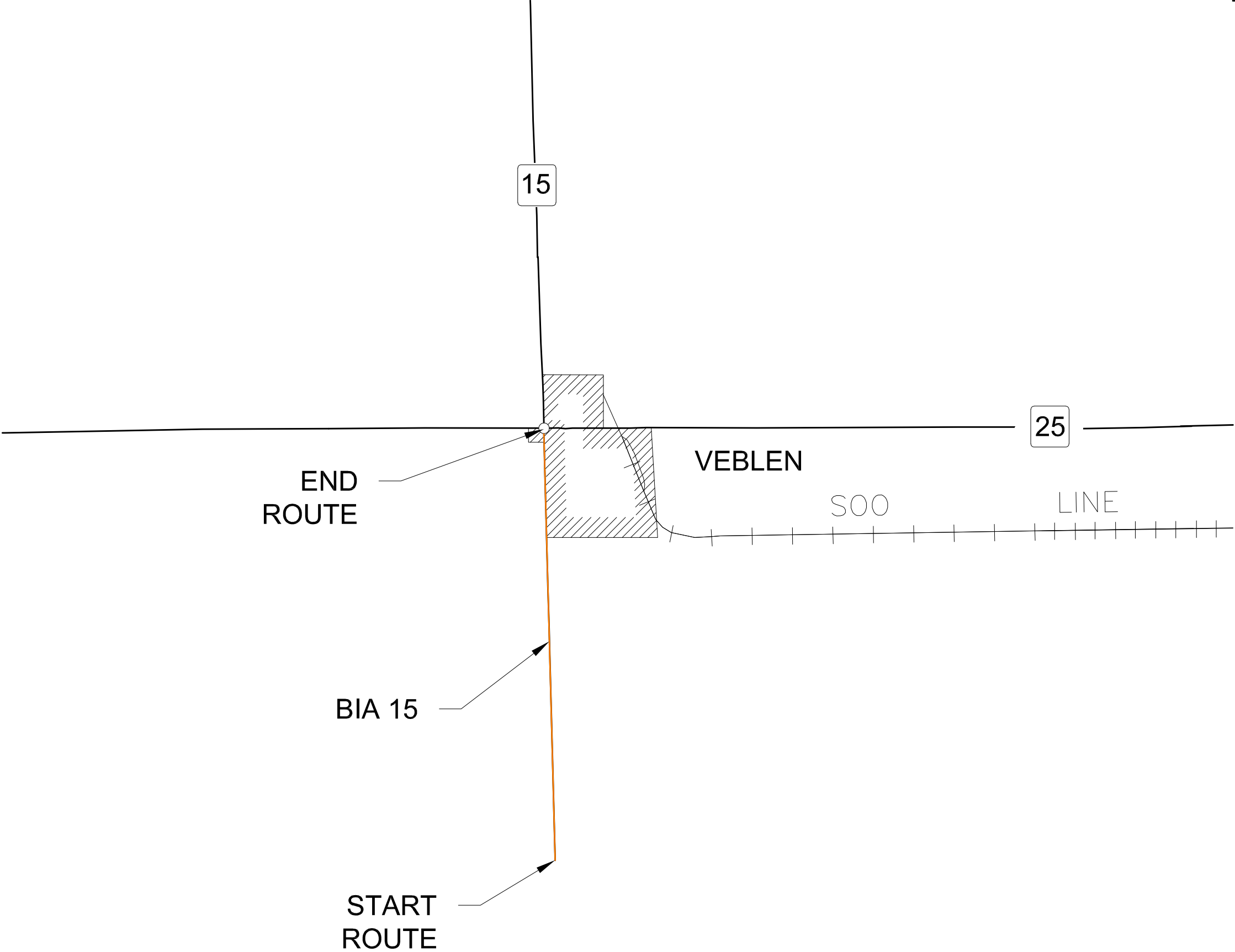
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PROJECT NO.
2211-01223

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STATE	PROJECT NO.	SECTION	SHEET
SD	2211-01223	80	2



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MARSHALL, DAY, & ROBERTS COUNTY, SOUTH DAKOTA*

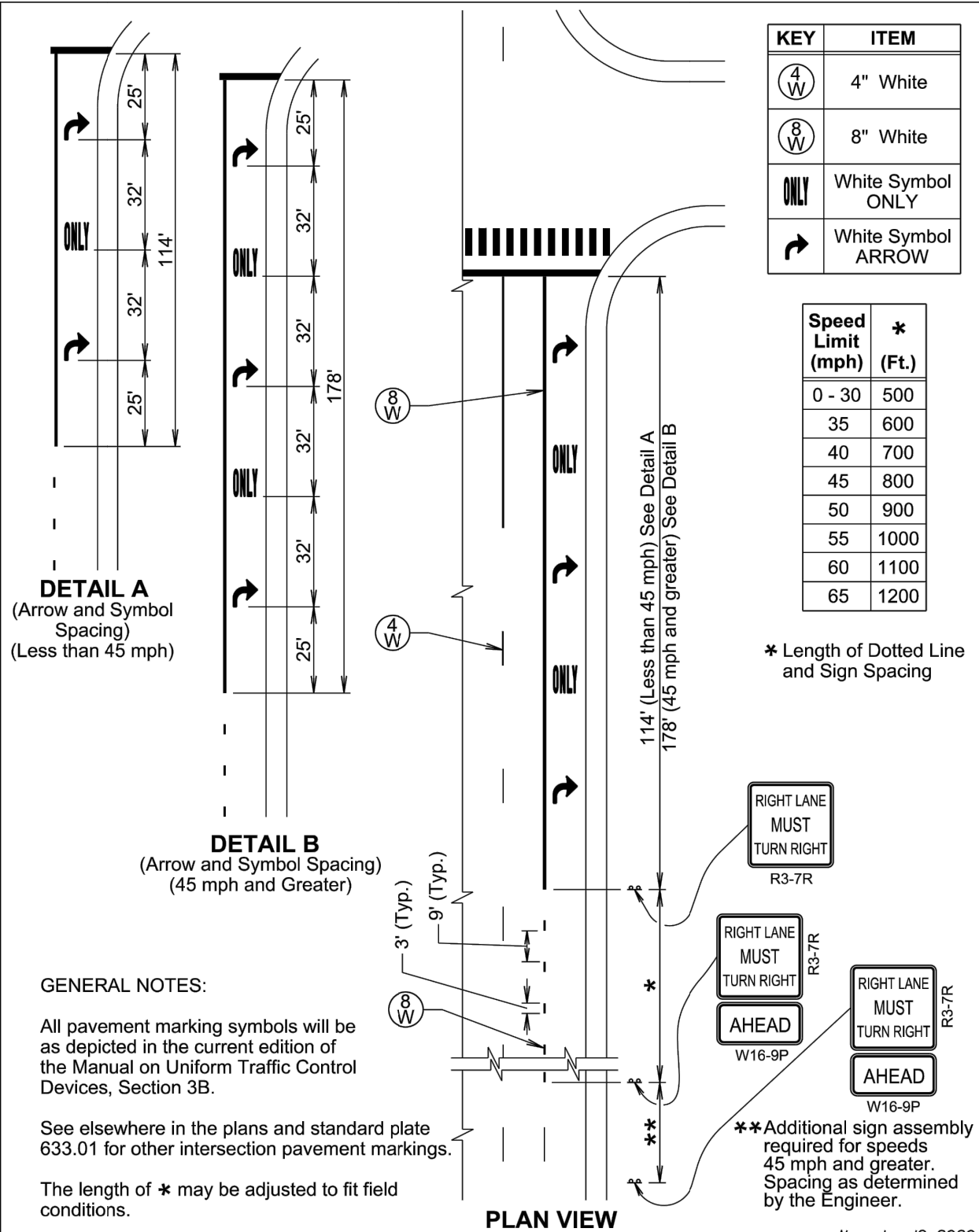


**BIA 15
ROUTE OVERVIEW**

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PROJECT NO.
2211-01223



November 19, 2020

Published Date: 2024	S D D O T	LANE-DROP PAVEMENT MARKINGS	PLATE NUMBER 633.02
			Sheet 1 of 1

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SAFETY IMPROVEMENTS
SISSETON WAHPETON OYATE
ROBERTS COUNTY, SOUTH DAKOTA

STANDARD PLATES

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