

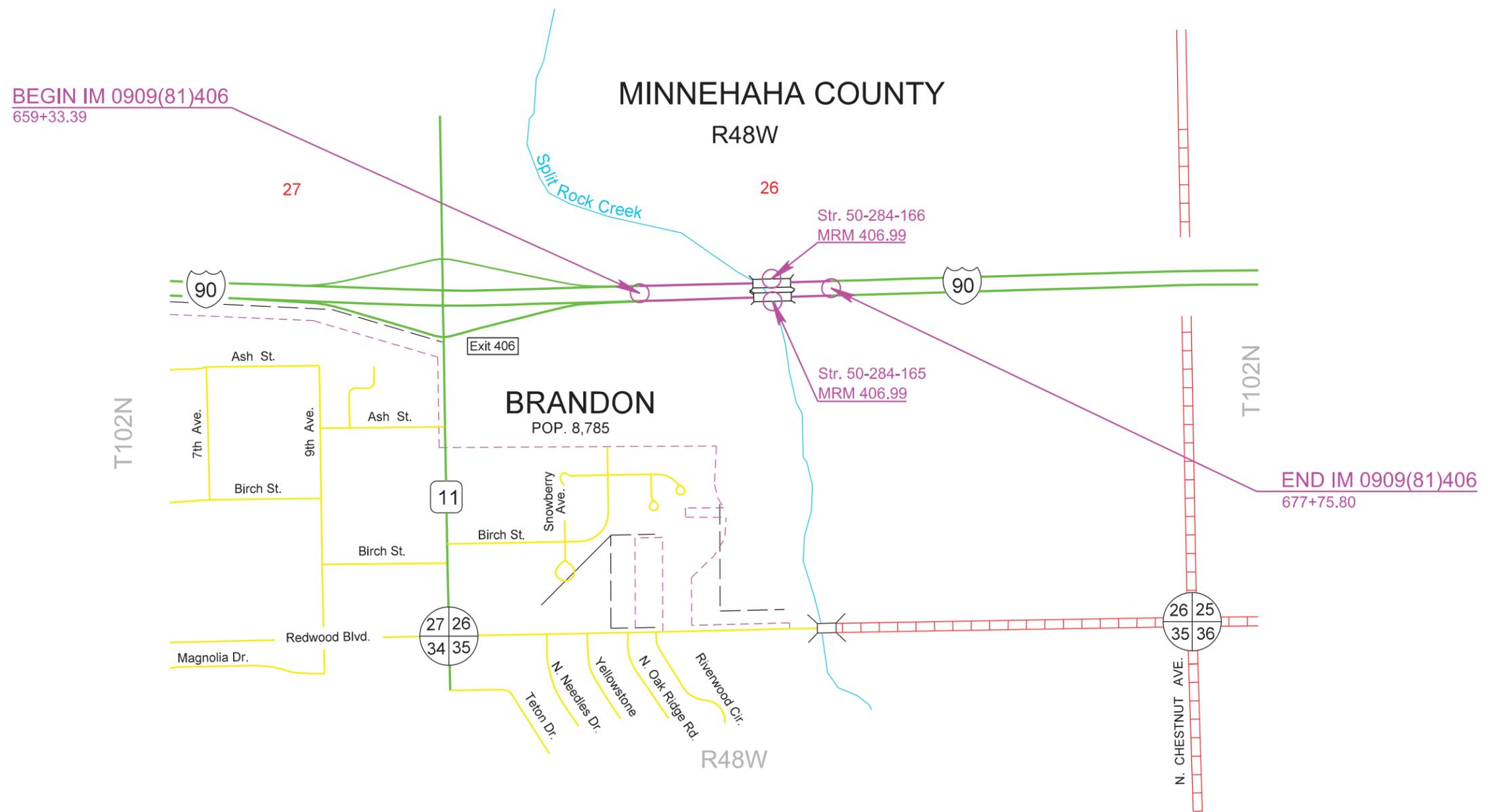
Section M: Pavement Marking Plans

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM 0909(81)406	M1	M4

Plotting Date: mmm-ddd-yyy

INDEX OF SHEETS

- M1 General Layout W/Index
- M2 Estimate w/General Notes & Typical Markings
- M3-M4 Pavement Marking Layouts



Plot Scale - \$\$scale\$\$

Plotted From - \$\$username\$\$

File - \$\$filename\$\$

SECTION M ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1300	Pavement Marking Paint, White	16	Gal
633E1305	Pavement Marking Paint, Yellow	11	Gal

PAVEMENT MARKING

All materials shall be applied as per manufacturer's recommendations.

The Contractor shall apply white and yellow edgeline permanent pavement marking on mainline lanes prior to opening the closed lanes to traffic.

COLD WEATHER WATERBORNE PAINT

Waterborne paint applied after October 15 shall be formulated as cold weather, waterborne paint and shall be applied in accordance with manufacturer's recommendations, including minimum temperature requirements.

Cold weather, waterborne paint shall conform to Section 980 of the Specifications except for the following:

980.1: Resin Binder shall be FASTRACK™ XSR™ manufactured by Dow, or approved equal.

980.1 A. Quantitative Requirements:

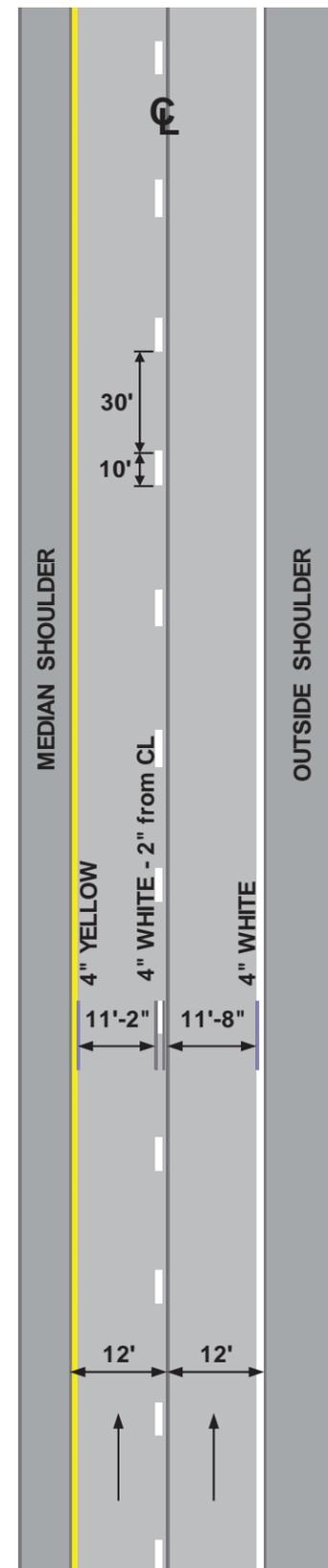
Pigment, percent by weight: 60.0 – 63.0 for white and 58.5 – 61.5 for yellow.

Pigment, percent by weight; tested in accordance with ASTM D3723: 60.0 – 63.0 for white and 56.1 – 59.2 for yellow.

Non-volatile Vehicle, percent by weight; tested in accordance with NIST 141C (Method 4051.1): 41.5 minimum for white and 41.5 minimum for yellow.

The

**DIVIDED ROADWAY
(ONE DIRECTION SHOWN)**



PAVEMENT MARKING

Typical pavement marking as shown on this sheet shall be applied throughout the entire length of divided roadway.

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

Application rates shall be as follows:

DIVIDED ROADWAY (Rates for one line)	
Solid Yellow Edgeline	Rate = 16.9 Gals./Pass-Mile
Dashed White Centerline	Rate = 4.6 Gals./Pass-Mile
Solid White Edgeline	Rate = 16.9 Gals./Pass-Mile

ESTIMATED QUANTITIES	
PAINT	QUANTITY
WHITE	16 GALLONS
YELLOW	11 GALLONS

Included in the above quantities are:			
Additional White		Additional Yellow	
Description	Gallons	Description	Gallons
4" Lines	-	Transitions	-
8" Lines	-	4" Skip Lines	-
12" Gore Lines	-	8" Lines	-
Crosswalks	-	12" Lines	-
24" Stop Lines	-	24" Hatches	-
24" Hatches	-	Solid Areas	-
Solid Areas	-	Additional Yellow:	-
Arrows			
Left Arrows	-		
Right Arrows	-		
Straight Arrows	-		
Combo Arrows	-		
Lane Drop Arrows	-		
Messages			
STOP	-		
STOP AHEAD	-		
R X R with Bars	-		
SCHOOL X-ING	-		
Additional White:	-		

NOTE: All pavement marking dimensions are based on 12' driving lanes.

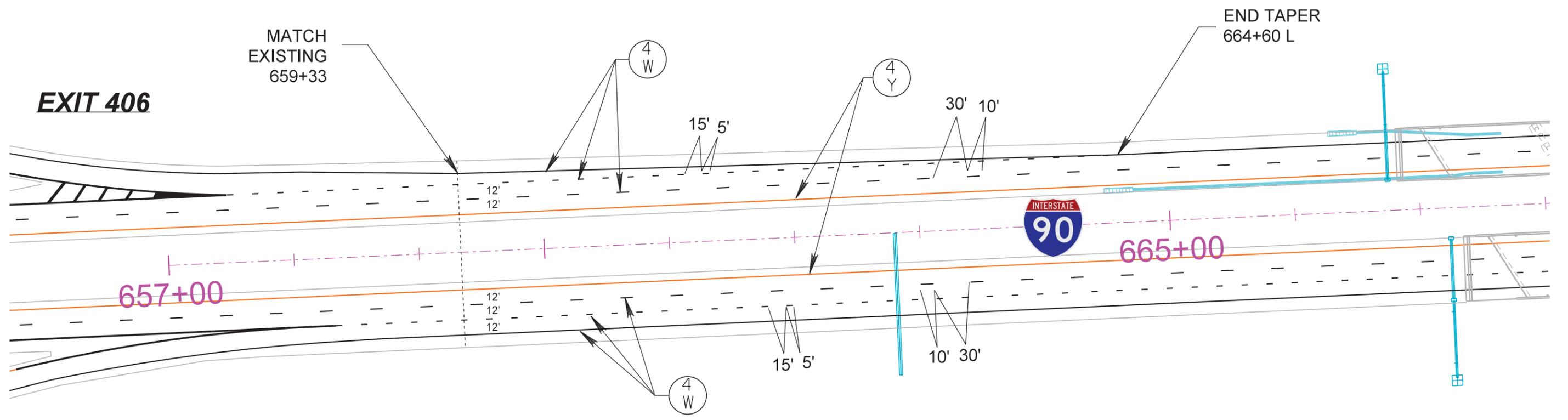
PAVEMENT MARKING LAYOUT

I-90 MAINLINE - EXIT 406

STATE OF SOUTH DAKOTA	PROJECT IM 0909(81)406	SHEET M3	TOTAL SHEETS M4
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SCALE: 1" = 80'



ESTIMATE OF QUANTITIES

KEY	ITEM	EST QUANT	UNIT
(4 W)	PAVEMENT MARKING PAINT, 4" WHITE	16	GAL
(4 Y)	PAVEMENT MARKING PAINT, 4" YELLOW	11	GAL

PLOT SCALE - \$\$SCALE\$\$

PLOTTED FROM - \$\$USERNAME\$\$

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

FILE - \$\$FILENAME\$\$

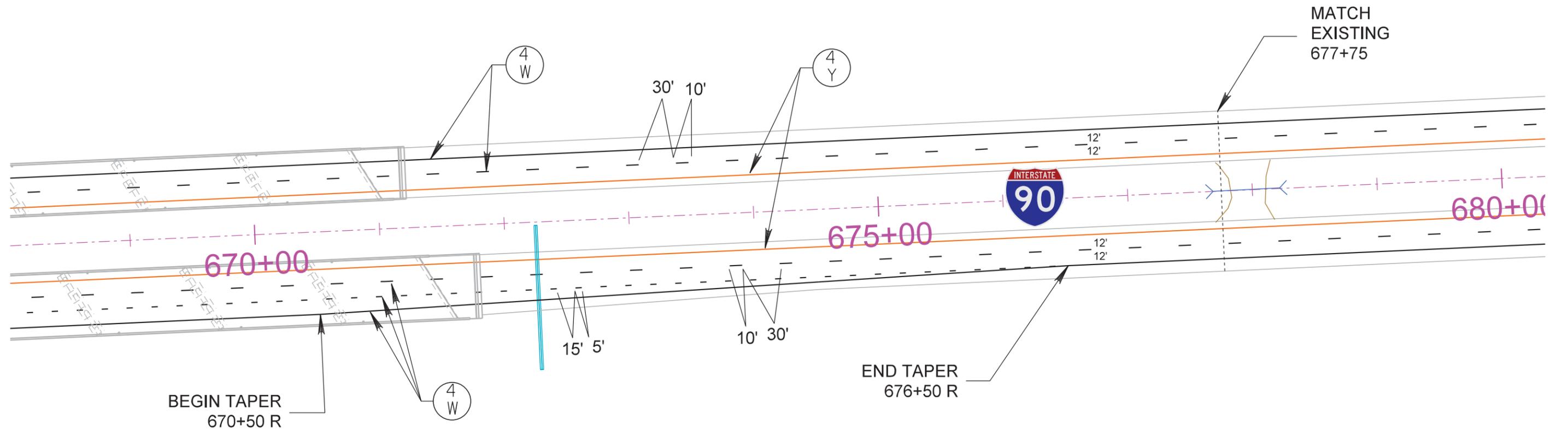
PAVEMENT MARKING LAYOUT

I-90 MAINLINE - EXIT 406

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM 0909(81)406	M4	M4



SCALE: 1" = 80'



PLOT SCALE - \$\$SCALE\$\$

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