

Plotted From: TRM113318 Plot Scale: 1:200 File: ...\\pjt\\turn06G3\\dgn\\Titleb.dgn

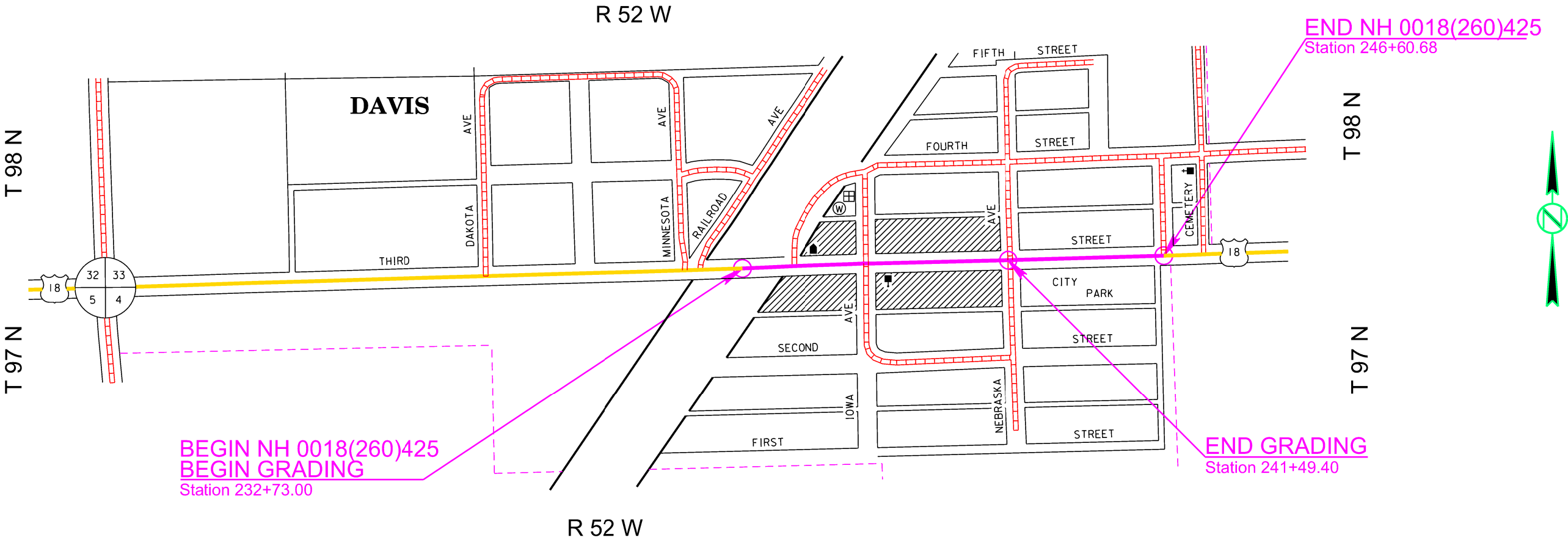
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(236)	M1	M3

Plotting Date: 01/02/2026

SECTION M: PERMANENT PAVEMENT MARKING PLANS

INDEX OF SHEETS

M1	General Layout with Index
M2	Estimate with General Notes
M3	Pavement Marking Layout



SECTION M – ESTIMATE OF QUANTITIES

Revised, 04/21/2026 (MY)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E1220	High Build Waterborne Pavement Marking Paint, 4" White	1,760	Ft
633E1222	High Build Waterborne Pavement Marking Paint, 4" Yellow	1,764	Ft

PERMANENT PAVEMENT MARKING

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

Cold weather waterborne paint will not be required after October 15th per Section 633.3.

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.

RATES OF MATERIALS FOR HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT

Solid 4” line = 22.5 Gals/Mile
Glass Beads = 8 Lbs/Gal.

All cost 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.

RETROREFLECTIVITY FOR PAVEMENT MARKING PAINT

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.

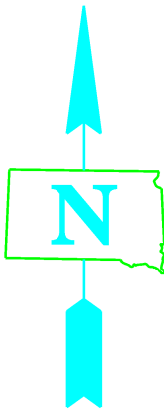
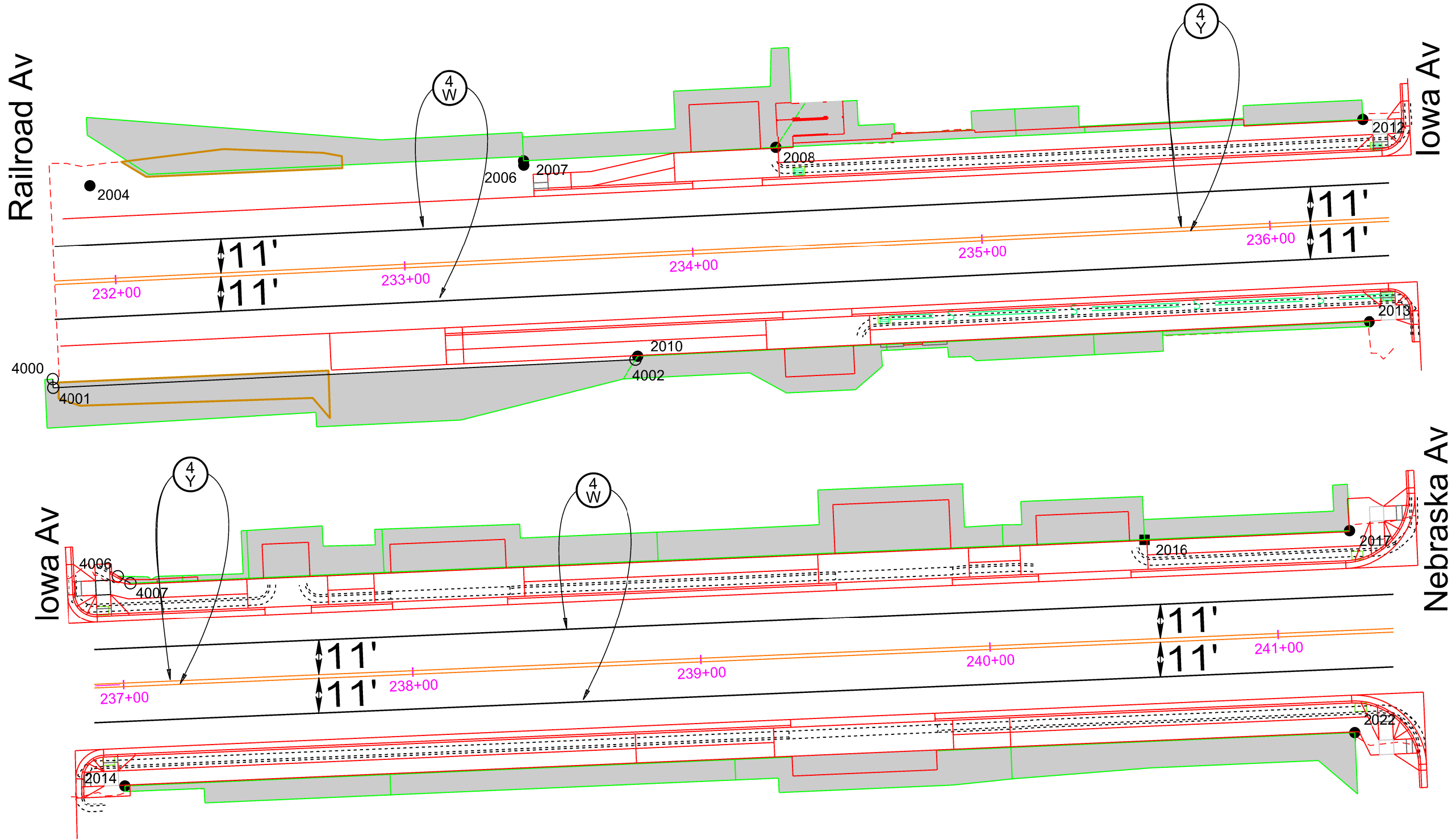
PLOT SCALE - 1:37.7475

PLOTTED FROM - TRM113318

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(236)	M3	M3

Plotting Date: 03/10/2026

PAVEMENT MARKING LAYOUT



ESTIMATED QUANTITIES (BASED ON ONE APPLICATION)	
HIGH BUILD	QUANTITY
WHITE	8 GALLONS
YELLOW	8 GALLONS

- (4W) - 4" WHITE PAINTED PAVEMENT MARKING
- (4Y) - 4" YELLOW PAINTED PAVEMENT MARKING

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