Level 2 LAYOUT APPROVAL

Programmed Letting Date May 18, 2018

Reviewed By ______ Metro District Preliminary Design Engineer 20__

Reviewed By ______ Metro District Maintenance Operations Engineer 20__

Reviewed By ______ Metro District Traffic Engineer 20__

Approved By ______ Metro District Engineer 20__

I HEREBY CERTIFY THAT THIS LAYOUT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NAME ______ LIC. NO. ______ DATE ______

LAYOUT No. 1 COPY No. ___

T.H. 65 VICINITY OF HAM LAKE & EAST BETHEL

CONSTRUCT RCIs WITH U TURNS

AT 143th AVE NE, 153rd AVE NE, 157th AVE NE,

181st AVE NE, 187th AVE NE & VIKING BLVD (CSAH 22)

Prepared January 2017 Scale: Hor. 1 Inch = 100 ft.

By N. Schreurs/L. Deer/A. Richter

S.P. 0208-157 T.H. 65 A.J. 13X070 PPMS Activity 1140

S.P. ___ T.H. ___ A.J. ___ PPMS Activity ___

Copy To: ___ For: ___

DESIGN FILE: pw:\Documents\Projects\DM ROS\065\0208\157\Predesign\Layouts\p0208_157_gml_cll.dgn

DATE: January 27, 2017

PROJECT NEED/PURPOSE

The purpose of this project is to improve the safety and operation of TH 65. Intersections in this area have delays getting across and onto TH 65 and have the potential for severe right angle crashes. RCUTs (Reduced Conflict Intersections with U-Turns) will be constructed at 143rd Ave NE, 153rd Ave NE, 157th Ave NE, 181st Ave NE, 187th Ave NE and Viking Blvd (CSAH 22) in Ham Lake and East Bethel in Anoka County.

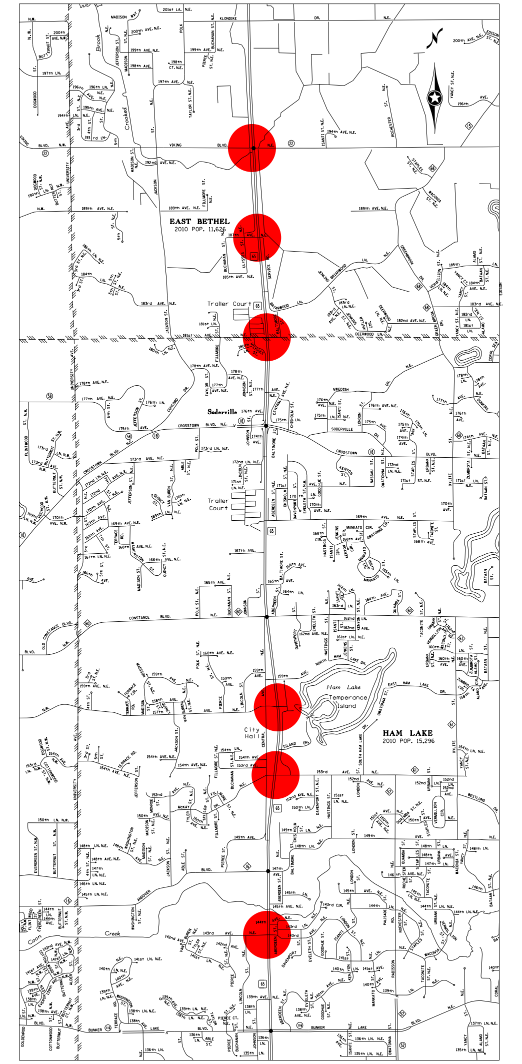
PROJECT NEED/PURPOSE

1. Add note about Metro Maintenance request for Type D or Type S Curb at raised islands.
2. Add signals to Location Map
3. Minor labeling.

LOCATION MAP

HAM LAKE AND EAST BETHEL

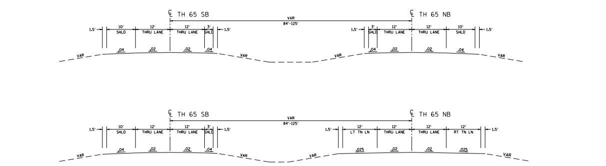
ANOKA COUNTY, MN



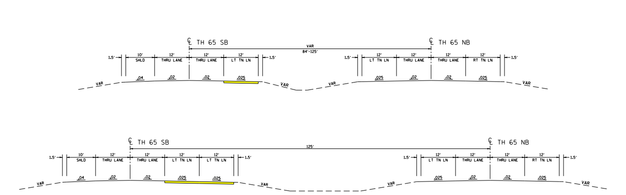
Scale: 2000'

TYPICAL SECTIONS

EXISTING TYPICAL SECTIONS

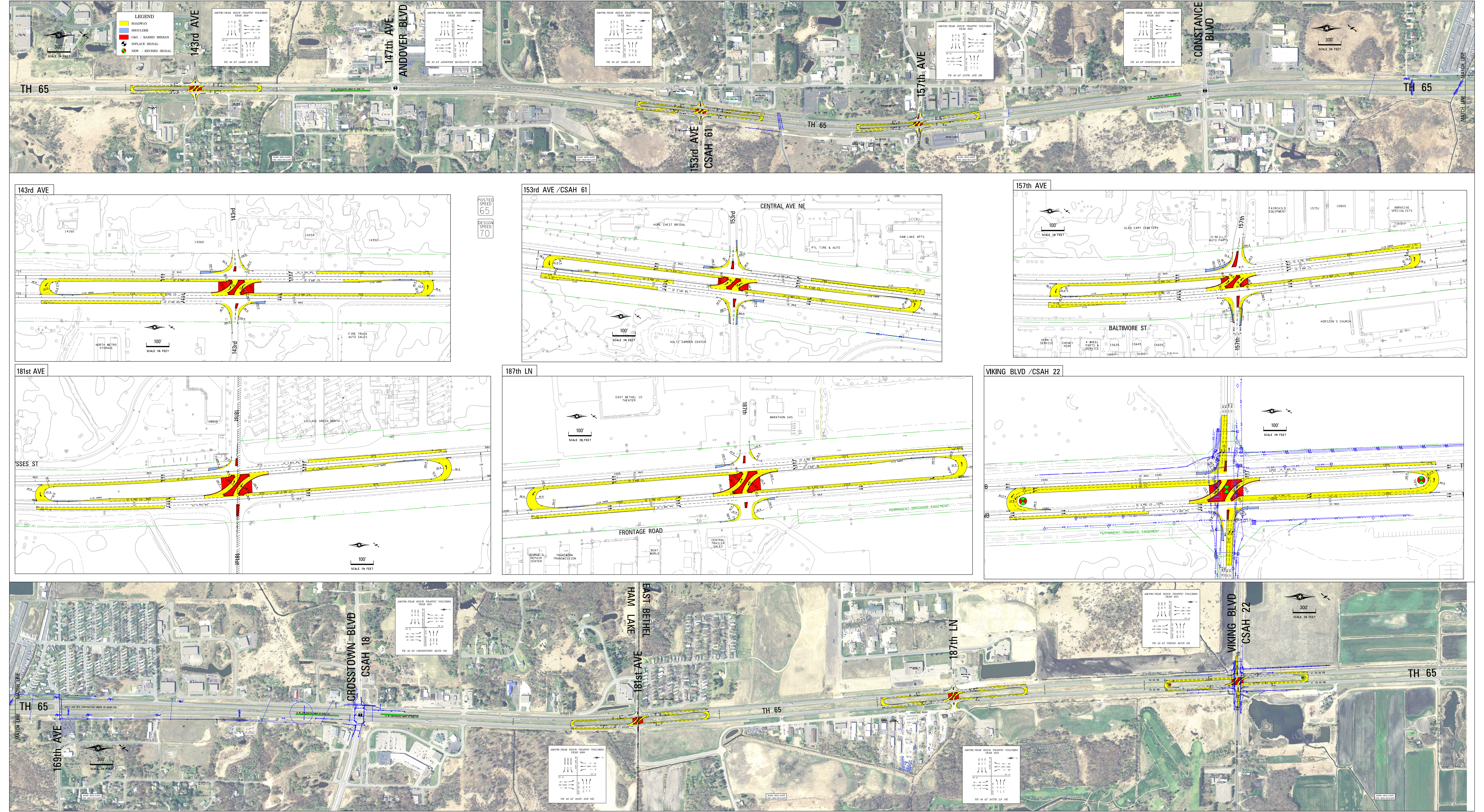


PROPOSED TYPICAL SECTIONS

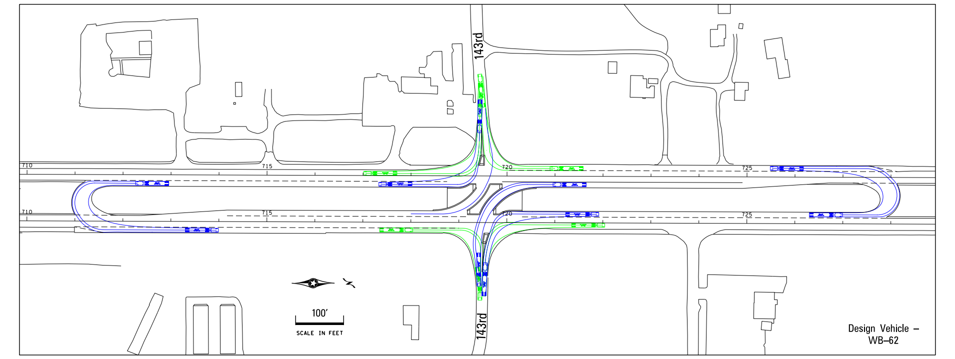


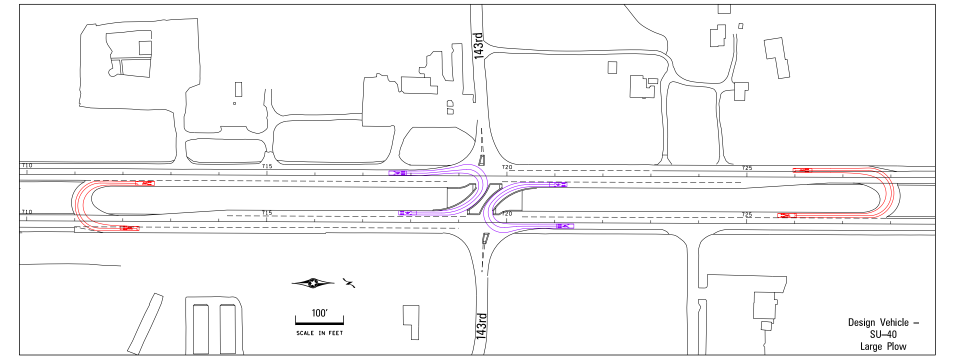
LAYOUT NOTES

1. Existing Design Exception – 3' Inside Shoulder
2. There are no new Design Exceptions
3. TH 65 is an Approved House Moving Route
4. All intersections and U-Turns meet 70 mph Intersection Sight Distance, Case B1, Passenger
5. The Design Speed for TH 65 is 70 mph and the Posted Speed is 65 mph
6. Construction will be within the R/W limits
7. After discussions with Metro Maintenance, Curb Type for raised islands at Reduced Conflict Intersections shall be Type D or Type S to reduce snowplow blade damage.
8. All pedestrian accommodations must meet ADA/PROWAG requirements.

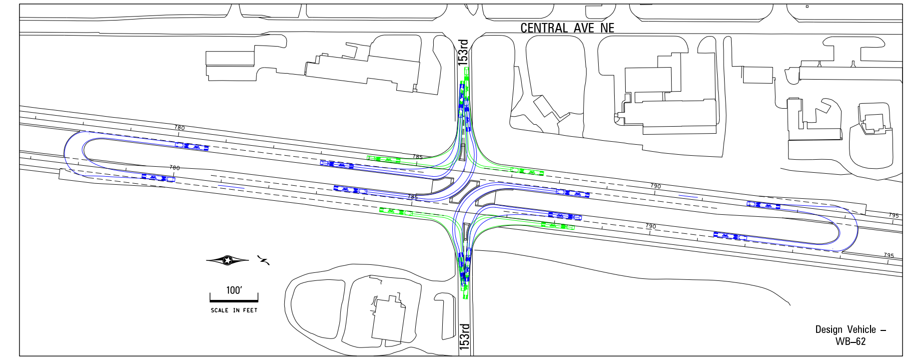


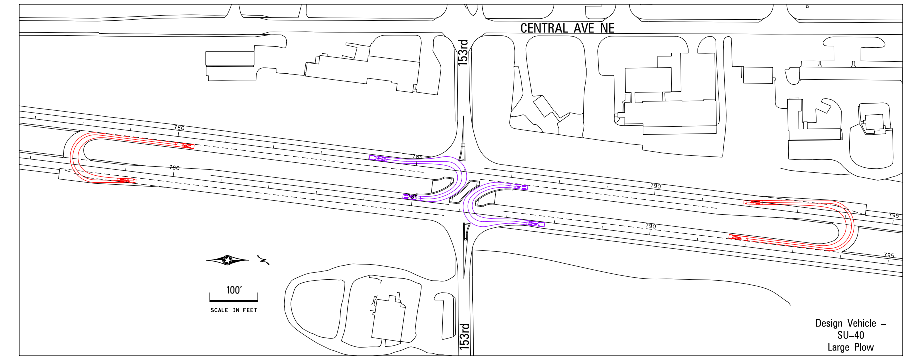
143rd AVE NE



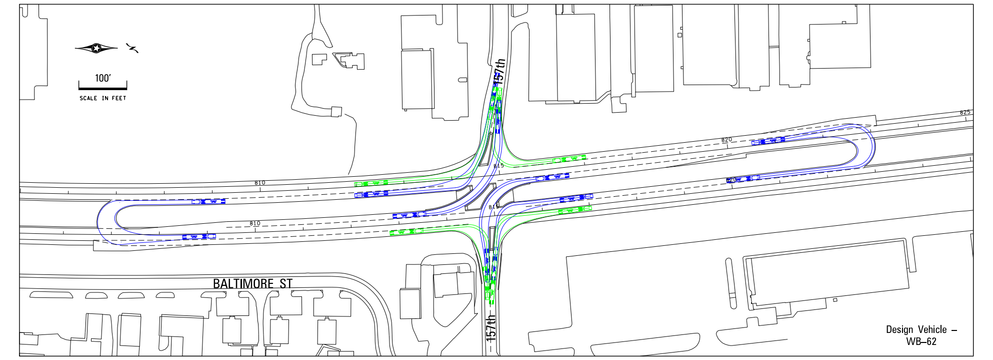


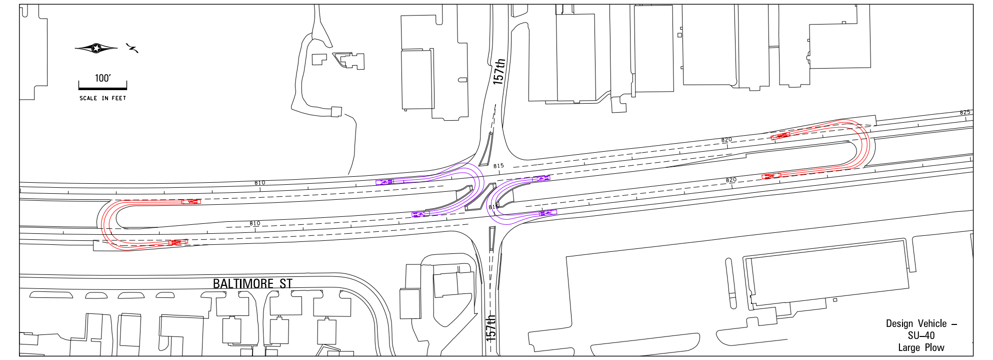
153rd AVE NE



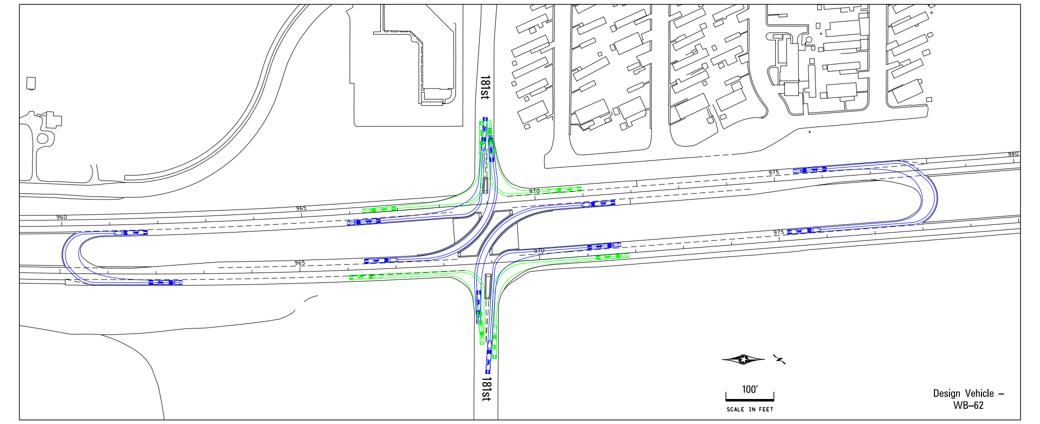


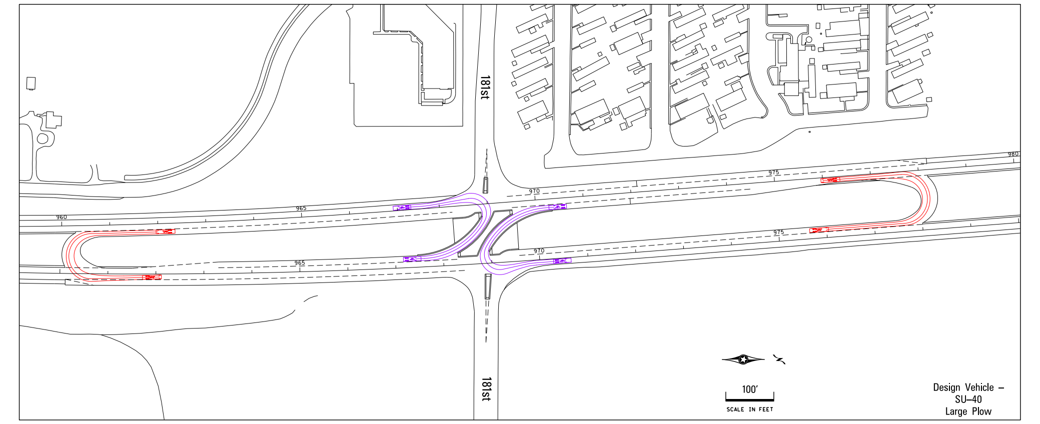
157th AVE NE



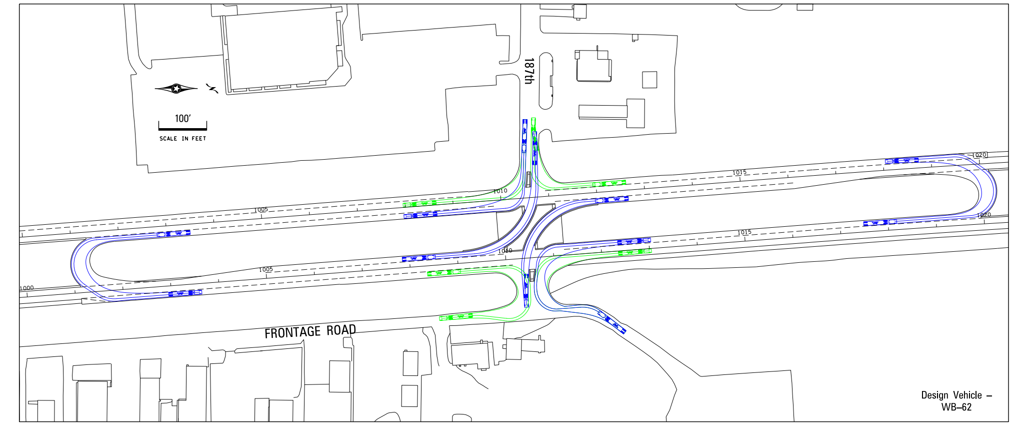


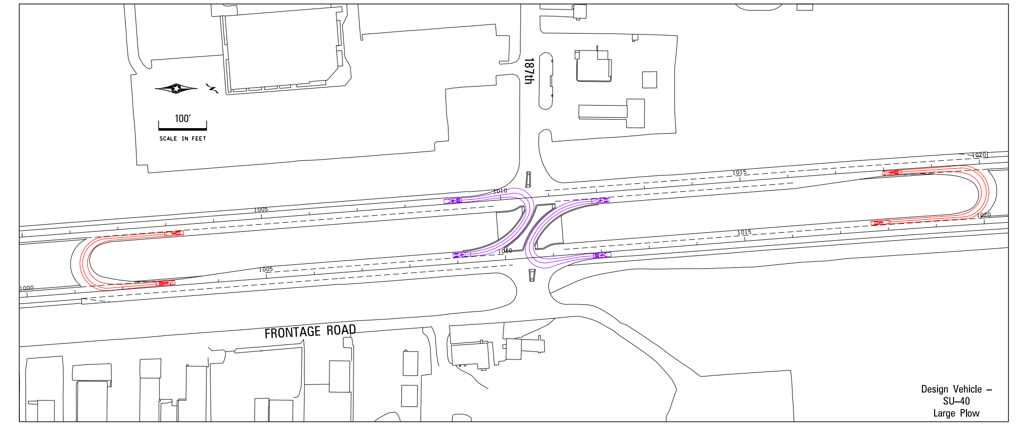
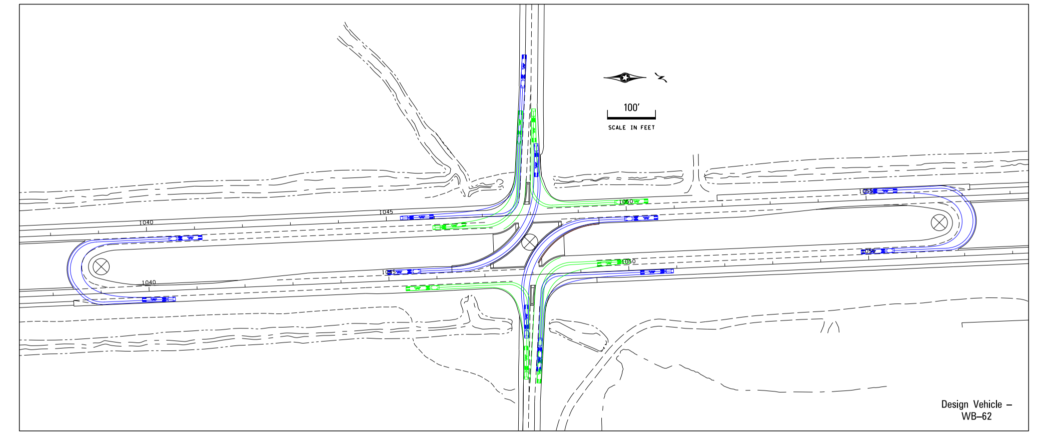
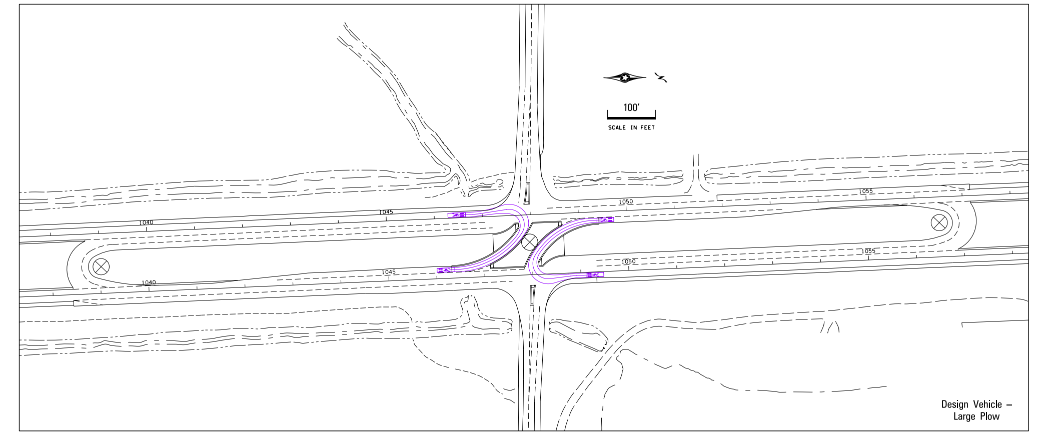
181st AVE NE





187th AVE NE





VIKING BLVD