**Minnesota Department of Transportation**
**Metropolitan District**
1500 West County Road B-2
Roseville, MN 55113

# Memo

**TO:** Addressees

**FROM:** Mark J. Lindeberg
North Area Engineer

**DATE:** February 2, 2011

**SUBJECT:** Staff Approved Distribution of Geometric Layout for SP 6285-135 on I-694
Lexington Ave to west of old TH 10
Letting date of May 20, 2011

Attached is a file copy of the staff approved Level 1 Geometric Layout No. 2A and Profile No. 2 for the above referenced project. This project includes the replacement of 9 bridges along with the realignment of mainline I-694.

There are no railroads located within the limits of this project.

Addressees:

Tim Anderson – FHWA
Darwin Yasis – C.O.
Nancy Daubenberger – Bridge
Jennie Ross – OES (Layout Only)
Dave VanDeusen – Materials
Deb Anderson – R/W (Layout Only)
Tim Donovan – PreDesign
Gayle Gedstad – Traffic (Layout Only)
Terry Maurer – Arden Hills
Jim Tolaas – Ramsey County

An Equal Opportunity Employer

# TH 694 /TH 10 /TH 51 / HAMLINE PROJECT

S.P. 6285-135 (T.H. 694)
p6285135_gm2.dgn

S.P. 6285-135 (T.H. 694)
Project Location

LAYOUT HISTORY

LAYOUT NO. 1 DATE: 7/7/2016
DESIGNED BY: JONATHAN A. EDWARDS
DRAWN BY: JONATHAN A. EDWARDS
CHECKED BY: MARK A. DOMAN
LAYOUT REVISIONS:
1. ADDED TURNING TEMPLATE - 7/7/2016 JAE
2. ADDED 2030 TRAFFIC PROJECTIONS - 7/8/2016 JAE
3. ADDED FUTURE 2 LANE CONNECTION FROM SB T.H. 10 TO EB T.H. 694 - 7/8/2016 JAE
4. ADDED TH 10 SB BRIDGE NO. 62752 - 7/8/2016 JAE
5. ADDED TH 694 EB BRIDGE NO. 62776 - 7/8/2016 JAE
6. ADDED TH 694 EB BRIDGE NO. 62777 - 7/8/2016 JAE
7. ADDED TH 694 WB BRIDGE NO. 62778 - 7/8/2016 JAE
8. ADDED TH 694 EB BRIDGE NO. 62720 - 7/8/2016 JAE
9. ADDED INPLACE LEXINGTON AVENUE BRIDGE NO. 62624 - 7/8/2016 JAE
10. ADDED TH 51 SB BRIDGE NO. 62951 - 7/8/2016 JAE

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
Jonathan A. Edwards
LICENSE NO. 43008 DATE: 7/7/2016

LAYOUT APPROVAL

| BY | DATE |
|---|---|
| for Jeremy J. Horn, P.E. | 7/7/2016 |
| for Kevin Kielty | 7/7/2016 |
| for Kevin Kielty | 7/7/2016 |
| for Kevin Kielty | 7/7/2016 |
| for Kevin Kielty | 7/7/2016 |
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| for Kevin Kielty | 7/7/2016 |
| for Kevin Kielty | 7/7/2016 |

LAYOUT NO. 1 DATE: 7/7/2016

LAYOUT NOTES:
1.) This project is in the Rice Creek Watershed District.
2.) The T.H. 51 (Snelling Avenue) bridges (no. 62952 and 62951) over T.H. 694 (Alpha: PAVING1 and PAVING1) and over T.H. 10 (Alpha: PAVING) will be governed by the 100 yr/hr profile P6285694SB.
3.) Pedestrian accomodations must meet ADA - PROWAG requirements.

COLOR KEY
- PAVEMENT
- PAVED SHOULDER
- CURB & GUTTER/RAISED MEDIAN
- BRIDGE
- RETAINING WALL
- MEDIAN BARRIER
- FOSSIL/LF PAVING AREA
- CONCRETE WALK PAVING
- MILL AND OVERLAY
- EXISTING SIGNAL
- PROPOSED SIGNAL
- THIS PROJECT WILL BE CONSTRUCTED WITHIN EXISTING RIGHT OF WAY.

Pedestrian accomodations must meet ADA - PROWAG requirements.

Arden Hills
RAMSEY COUNTY
Shoreview
Valentine Lake
Island Lake

694WB BRIDGE NO. 62778
694EB BRIDGE NO. 62720
694WB BRIDGE NO. 62776
694EB BRIDGE NO. 62777
TH 10 SB BRIDGE NO. 62752
TH 51 SB BRIDGE NO. 62951
INPLACE LEXINGTON AVENUE BRIDGE NO. 62624

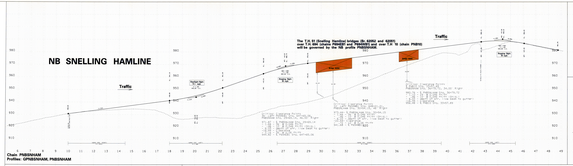
694WB BRIDGE NO. 62779
694EB BRIDGE NO. 62720
694WB BRIDGE NO. 62776
694EB BRIDGE NO. 62716
BRIDGE NO. 62052
694WB BRIDGE NO. 62778
694EB BRIDGE NO. 62777
694WB BRIDGE NO. 62717
TH 10 SB BRIDGE NO. 62752
694WB BRIDGE NO. 62723 & 62724
694WB BRIDGE NO. 62724
694WB BRIDGE NO. 62723
BRIDGE NO. 62051
TH 51 SB BRIDGE NO. 62951

PROPOSED TYPICAL SECTION FOR T.H. 694
TYPICAL SECTION ON T.H. 694 NEAR ISLAND LAKE CHANNEL
EXISTING CD ROAD
EXISTING CD ROAD AT RETAINING WALL AND PONG
OLD HWY 10/CSAH 76
RAMP FROM LEXINGTON
RAMP TO LEXINGTON
LOOP
TURNING TEMPLATE HAMLINE & CO. F
Design Vehicle - WB-62

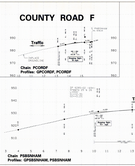
2030 Traffic Projections

Future 2 Lane Connection from SB T.H. 10 to EB T.H. 694
(3 Lane Section under Lexington)

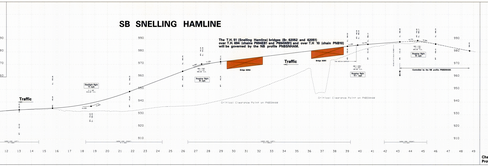
## NB SNELLING HAMLINE



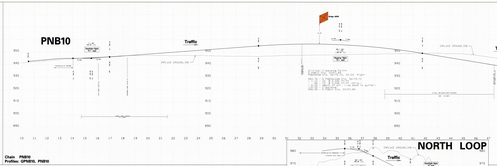

## COUNTY ROAD F




## SB SNELLING HAMLINE



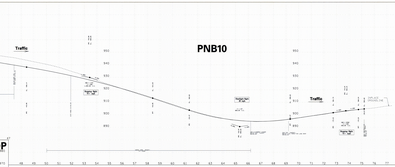

## PNB10



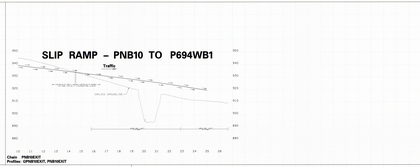

## NORTH LOOP



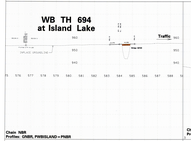

## PNB10



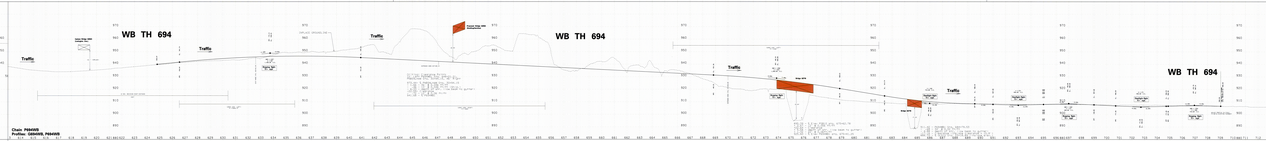

## SLIP RAMP – PNB10 TO P694WB1




## WB TH 694 at Island Lake



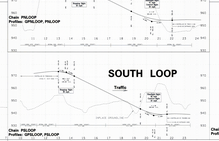

## WB TH 694




## WB TH 694



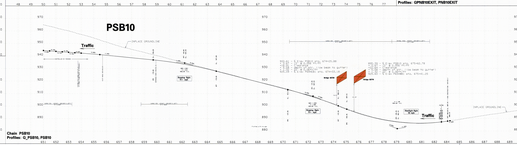

## WB TH 694



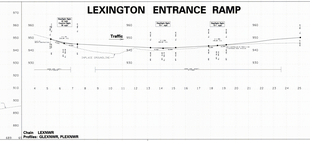

## SOUTH LOOP



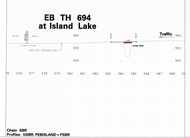

## PSB10




## LEXINGTON ENTRANCE RAMP




## EB TH 694 at Island Lake




## EB TH 694

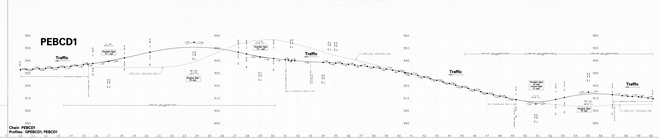
## EB TH 694



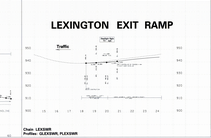

## EB TH 694




## PEBCD1




## LEXINGTON EXIT RAMP




## OLD HIGHWAY 10