HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners
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Level 1 LAYOUT APPROVAL

Programmed Letting Date December 15, 2011

Prepared By ______ 20__ District Design or Preliminary Design Engineer

Reviewed By ______ 20__ District Traffic Engineer

Reviewed By ______ 20__ State Geometrics Engineer

Approved By ______ 20__ Transportation District Engineer

Approved By ______ 20__ State Design Engineer

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
Date______ Lic. No.______ Engr.______

DRAFT FINAL
Preliminary
Layout

DESIGN FILE: \\MNWOOD\PWwork\Jobs\46361- MnDOT GEC\WO-22 I35W-4th St S Auxiliary Lane\TechProd\Work\CADD\CD\cp278336_lo4.dgn
PLOTTED ON: Thursday, September 01, 2011 TIME: 6:27:41 PM
PLOTTED BY: nellingson
PEN TABLE: \\mlnw00\caddlib\nstn\Workspace\Agency\MnDOT\plot\MnDOT-fl-dr.pen

LAYOUT No. 1 COPY No.____
T.H. 35W VICINITY OF CITY OF MINNEAPOLIS
FROM 4TH STREET SOUTH TO JOHNSON ST NE
IN HENNEPIN COUNTY
Prepared SEPTEMBER 2011 Scale: Hor. 1 inch = 100 ft.
By HNTB CORPORATION

The alignment and grades shown on this map are tentative and subject to change without notice.	Staff Approval Date:	The traffic volumes shown are estimated for year ______ Prepared ______ 20__

S.P. 2783-136 T.H. 35W A.J. T9H051 PPMS Activity 1140
S.P.______ T.H.____ A.J.____ PPMS Activity____
S.P.______ T.H.____ A.J.____ PPMS Activity____
Copy To:______ For:______

DESIGN FILE: $$$@PATHFILENAME@$$$
DATE: $$$@DATE@$$$$

LAYOUT HISTORY

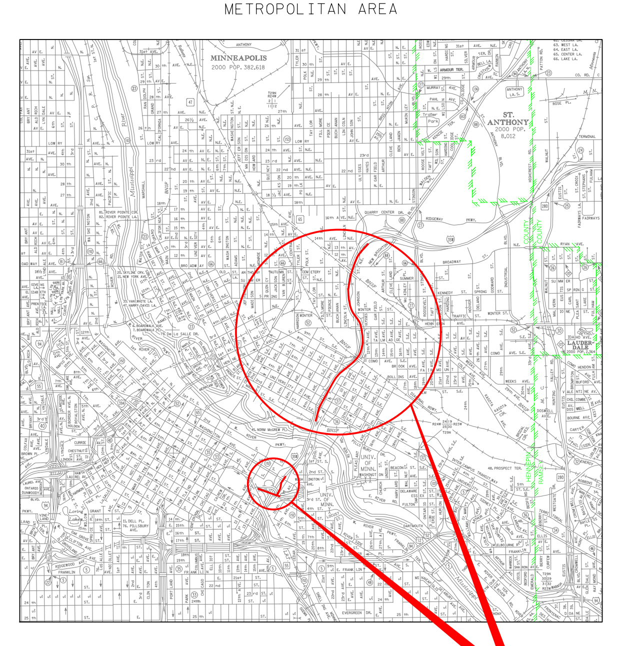
JUNE 2008
A study was performed at the direction of the City of Minneapolis in partnership with Mn/DOT and Hennepin County. A Feasibility Report was released which detailed the project need and analyzed alternative concepts. The Feasibility Report identified the need for a new on-ramp from 4th St S to northbound I-35W in downtown Minneapolis, and also the need for an added lane on northbound I-35W from University Ave SE to the Johnson St NE exit.

JUNE 2011 TO PRESENT
Preliminary engineering performed based on recommended Feasibility Report alternative, and developement of geometric layout for staff approval.

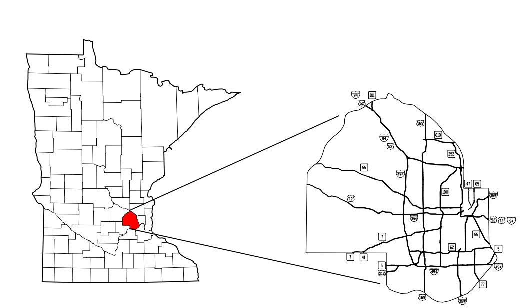
AUGUST 23, 2011
An informal public open house was held in the City of Minneapolis to present the project needs and goals to the public. Preliminary geometrics and noise analysis data was displayed.

PROJECT LOCATION

ST. PAUL / MINNEAPOLIS
METROPOLITAN AREA



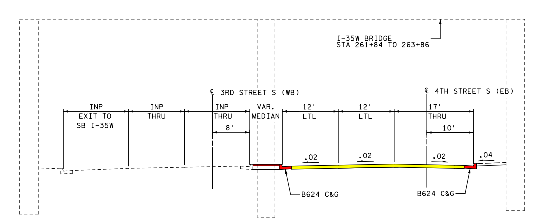
HENNEPIN COUNTY
S.P. 2783-136 (T.H. 35W)
SCALE 2000 0 2000 4000 FEET



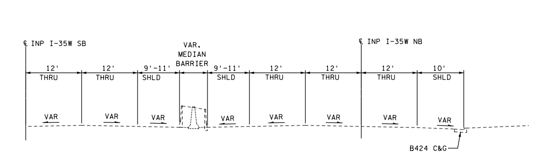
DESIGN EXCEPTIONS:

1) SHOULDER WIDTH - I-35W NB, INSIDE AND OUTSIDE SHOULDERS, FROM UNIVERSITY AVE SE TO JOHNSON ST NE
2) HORIZONTAL CLEARANCE - I-35W NB AT UNIVERSITY AVE SE BRIDGE, RIGHT-HAND SIDE
3) SIGHT DISTANCE - I-35W NB AT UNIVERSITY AVE SE BRIDGE, RIGHT-HAND SIDE

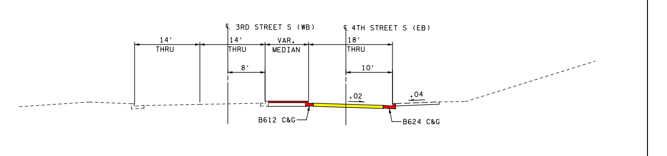
PROPOSED TYPICAL SECTION
4TH STREET S
(APPROX. STA 259+00 TO 264+00)



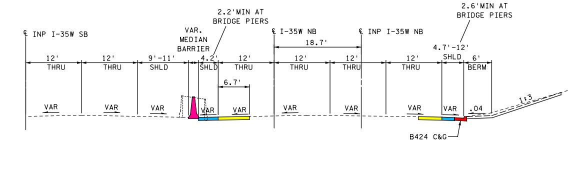
INPLACE TYPICAL SECTION
I-35W (NORTH OF MISSISSIPPI RIVER)



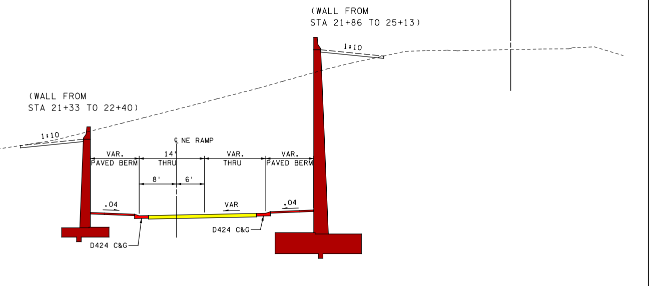
PROPOSED TYPICAL SECTION
4TH STREET S
(APPROX. STA 264+40 TO EAST PROJECT LIMITS)



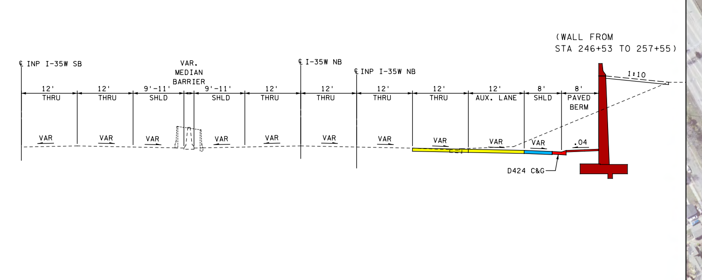
PROPOSED TYPICAL SECTION
I-35W NEAR 4TH STREET SE
(APPROX. STA 237+90 TO 243+50)



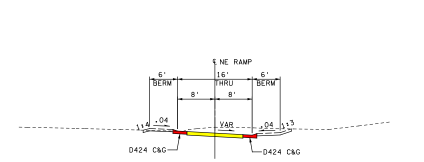
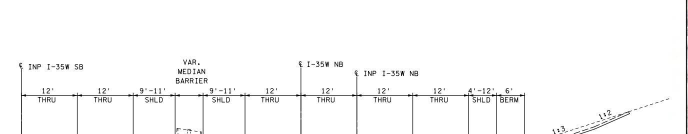
PROPOSED TYPICAL SECTION
NE RAMP FROM 4TH STREET S TO I-35W NB (WALL SECTION)



PROPOSED TYPICAL SECTION
I-35W NEAR 8TH STREET SE
(APPROX. STA 252+20 TO 260+00)



PROPOSED TYPICAL SECTION
NE RAMP FROM 4TH STREET S TO I-35W NB
(STA 25+13 TO ENTRANCE NOSE, RAMP TAPERS TO 16' WIDTH)



PROPOSED TYPICAL SECTION
I-35W FROM BNSF RAILROAD TO JOHNSON ST NE EXIT
(APPROX. STA 260+00 TO 296+00)