MINNESOTA DEPARTMENT OF TRANSPORTATION

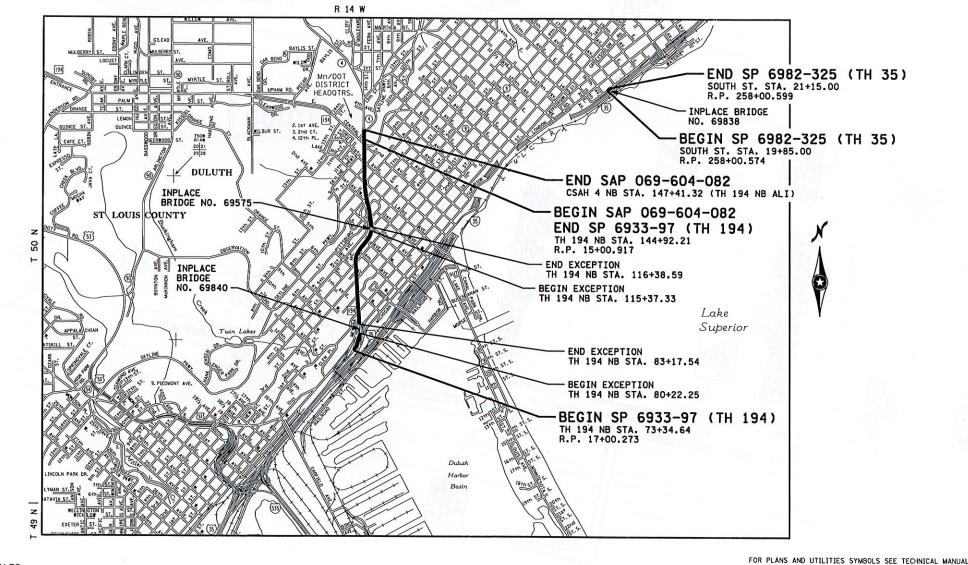
CONSTRUCTION PLAN FOR GRADING, BITUMINOUS & CONCRETE SURFACING, CONCRETE PAVEMENT REHABILITATION, ADA IMPROVEMENTS, LIGHTING, AND TRAFFIC SIGNALS LOCATED ON TH 194 FROM 150' NORTH OF TH 35 TO 400' NORTH OF CENTRAL ENTRANCE LOCATED ON TH 35 FROM 180' NORTH OF S. 16TH AVE. E. TO 150' SOUTH OF S. 17TH AVE. E.

STATE PROJ. NO. 6933-97 GROSS LENGTH.....

LENGTH IS BASED ON TH 194 NB ALIGNMENT

STATE PROJ. NO. 6982-325

S.A.P. 069-604-082 7157.57 FEET 1.356 MILES GROSS LENGTH 130.00 FEET 0.025 MILES GROSS LENGTH 249.11 FEET 0.047 MILES GROSS LENGTH. 151.37 FEET 1.399 MILES GROSS LENGTH. 150.00 FEET 0.075 MILES BRIDGES-LENGTH BRIDGES-LENGTH FEET MILES BRIDGES-LENGTH FEET MILES EXCEPTIONS-LENGTH FEET MILES EXCEPTIONS-LENGTH



SCALES

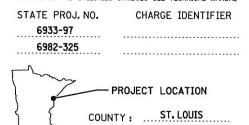
251 PLAN 1500' INDEX MAP

__375' GENERAL LAYOUT

| DATE | SHEET NO. | APPROVED BY |
|----------------|------------------------------|--|
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DESIGN DESIGNATION

ADT (CURRENT YEAR) 2015 = 24,400 DESIGN SPEED 30 MPH ADT (FUTURE YEAR) = BASED ON STOPPING SIGHT DISTANCE DHV (DESIGN HR. VOL.) = HT OF EYE 3.5' HT OF OBJECT 2.0' STA. TO STA. MPH



DISTRICT: 1

FED. PROJ. NO. STPF-NHPP 6918(127)

GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

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THIS PLAN CONTAINS 252 SHEETS

I HEREBY CERTIFY THAT THIS PLAN 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.

1005 TKDA

SIGNATURE: PRINTED NAME: JEFFREY A. HILDEN

DATE: 12/6/2017 LIC. NO. 20781

RECOMMENDED FOR APPROVAL CITY OF DULUTH ENGINEER RECOMMENDED FOR APPROVAL ST. LOUIS COUNTY ENGINEER RECOMMENDED FOR APPROVAL DISTRICT TRANSPORTATION ENGINEER

RECOMMENDED FOR APPROVAL DISTRICT MATERIALS ENGINEER RECOMMENDED FOR APPROVAL DISTRICT WATER RESOURCES/HYDRAULICS ENGINEER

RECOMMENDED FOR APPROVAL STATE PRE-LETTING ENGINEER

OFFICE OF LAND MANAGEMENT APPROVAL ... DIRECTOR, LAND MANAGEMENT

STATE DESIGN ENGINEER

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE 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.

S.P. 6982-325 (TH 35 = 103) S.A.P. 069-604-082

S.P. 6933-97 (TH 194 = 204) SHEET NO. 1 OF 250 SHEETS