

LAYOUT No. 1, COPY No. 1
 T.H. 23 VICINITY OF DULUTH
 0.1 MI. S. OF JCT. OF CSAH 3 (BECKS RD.)

Prepared JUNE 2019 Scale: Hor. 1 inch = 50 ft.
 By DISTRICT 1

The alignment and Staff Approval
 grades shown on this map are tentative and subject to change without notice.
 Date: 6/26/19

S.P. 6910-102 T.H. 23 A.J. 110398 PPMS ACTIVITY 140
 S.P. T.H. A.J. PPMS ACTIVITY
 S.P. T.H. A.J. PPMS ACTIVITY

Copy To: For:

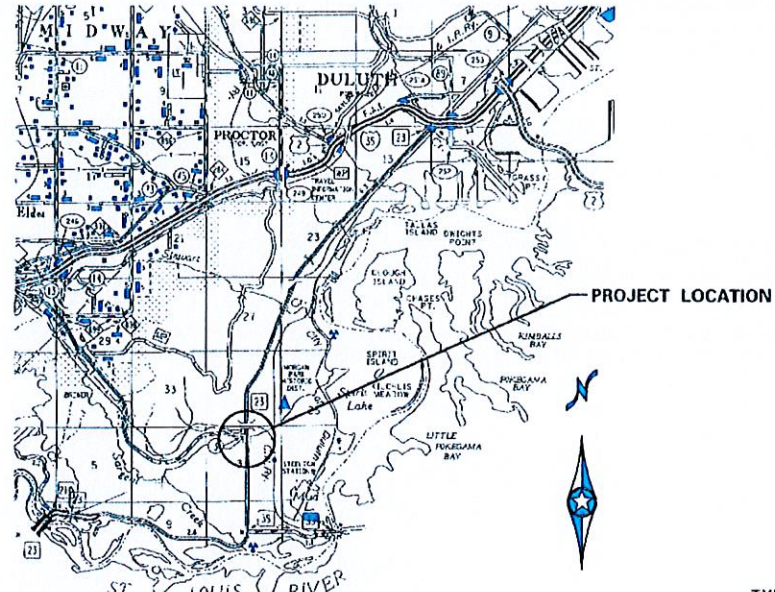
DESIGN FILE: Project: 101: 023\6910\102\Design\Project Management\Layout\6910102_gim3.apr
 DATE: 26-JUN-2019

Level 3 LAYOUT APPROVAL

Programmed Letting Date 01/29/21

Prepared By [Signature] 6/26/2019
 District Design or Preliminary Design Engineer

Approved By [Signature] 6/26/2019
 Transportation District Engineer



LAYOUT HISTORY

NEED STATEMENT FOR PROJECT: District Wide Culvert - Deteriorated culverts resulting in distress to the highway or road core, erosion and/or decreased hydraulic capacity.

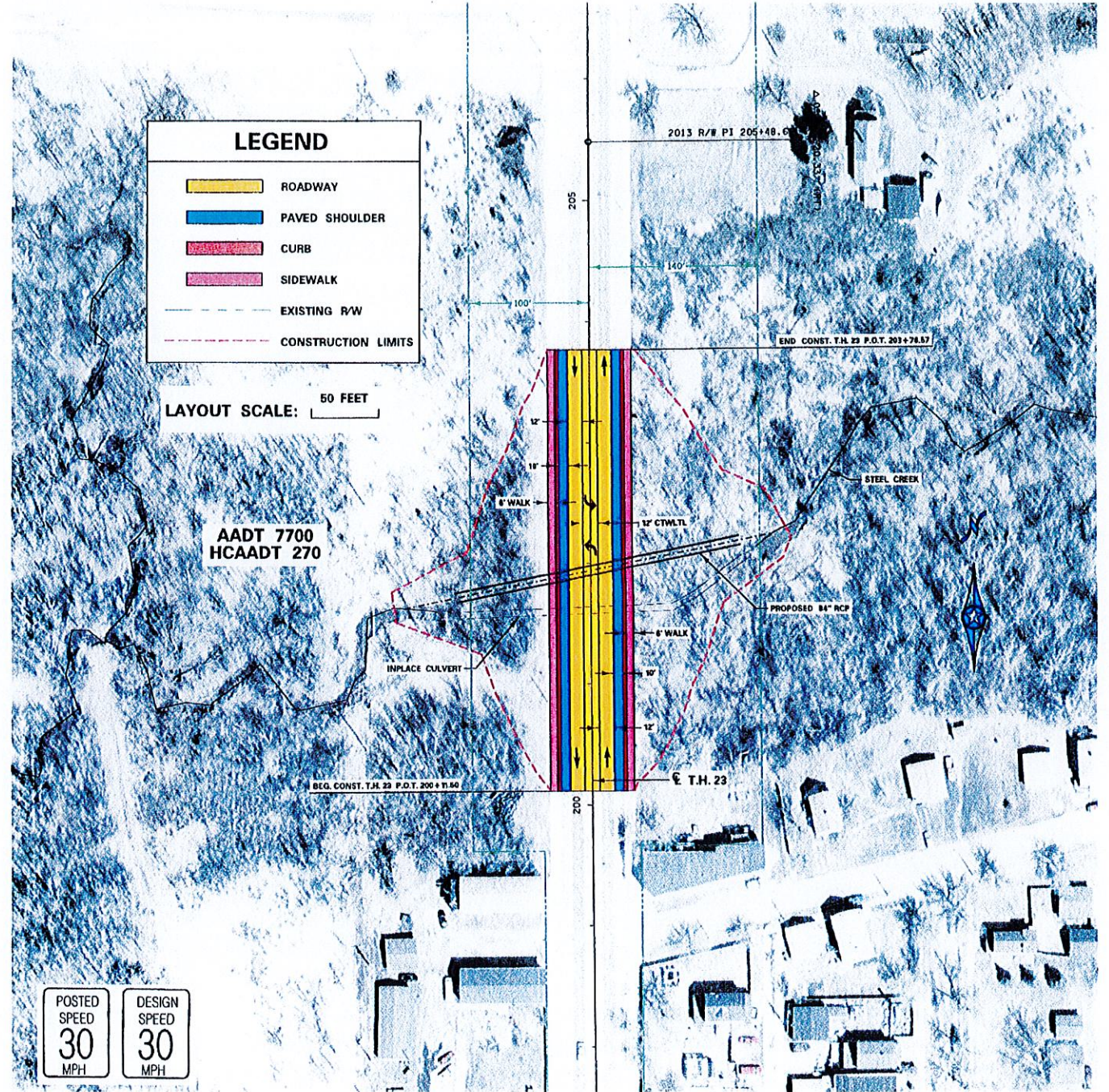
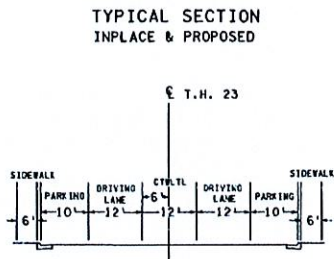
PURPOSE STATEMENT OF PROJECT: Districtwide Culvert - To provide for adequate hydraulic capacity, stream stability and road core integrity. This is not a house moving route, but there are OSOW vehicles that do use this route.

ADA will be addressed on this project.

There are no design exceptions.

Notes:

The existing culvert, a 6' x 8' various shape culvert will be replaced with an 84" RCP.



LAYOUT No. 1. COPY No. 1
 T.H. 23 VICINITY OF DULUTH
0.16 MI. S. OF JCT. OF SPRING ST.
GOGEBIC CREEK CULVERT REPAIRS
 Prepared JULY 2019. Scale: Hor. 1 inch = 50 ft.
 By DISTRIG 1

| | |
|--|---|
| The alignment and grades shown on this map are tentative and subject to change without notice. | Staff Approval Date: <input type="text"/> |
|--|---|

The traffic volumes shown are references for year 2017 from the traffic mapping department.

S.P. 6910-103 T.H. 23 A.J. IIC399 PPMS Activity Y140
 S.P. ----- T.H. ----- A.J. ----- PPMS Activity -----
 S.P. ----- T.H. ----- A.J. ----- PPMS Activity -----

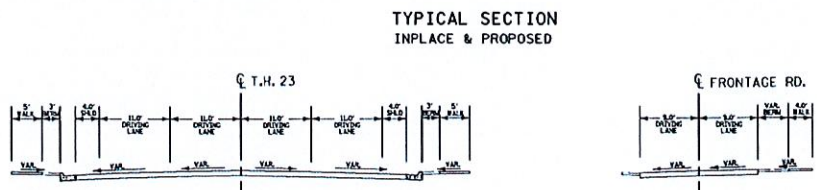
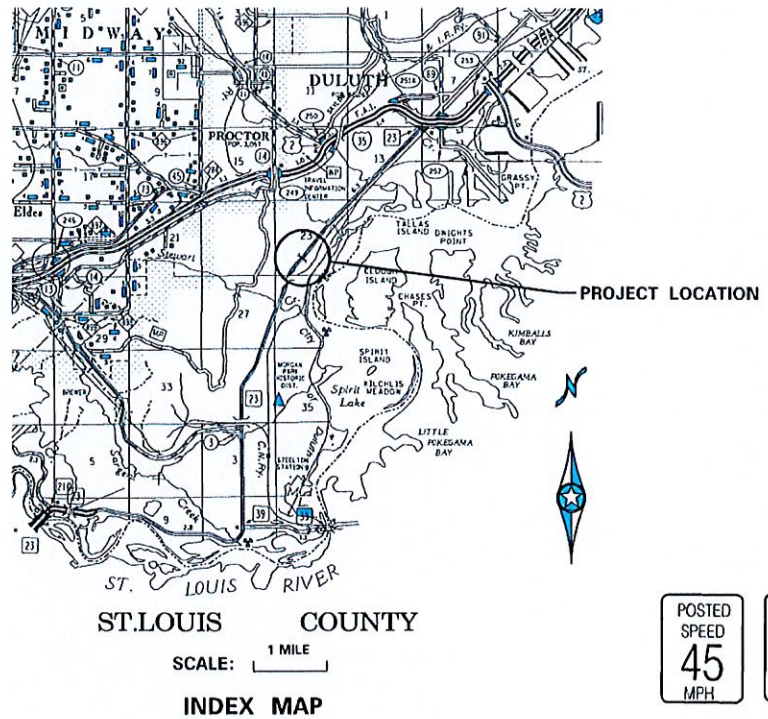
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Level 3 LAYOUT APPROVAL
 Programmed Letting Date 1/29/21

Prepared By Daniel J Erickson
Details prepared by Daniel J Erickson Date: 2020.06.09 09:50:00
 Review Design or Preliminary Design Engineer 20

Approved By Todd Campbell
Details signed by Todd Campbell Date: 2020.06.09 09:50:00
 Transportation District Engineer 20

DESIGN FILE: Projects\01_DUL\023\6910-103\Design\ProjectManagement\Layout\6910103_gmi.dgn
 DATE: 1-JUN-2020



LAYOUT HISTORY

NEED STATEMENT FOR PROJECT: District Wide Culvert - Deteriorated culverts resulting in distress to the highway or road core, erosion and/or decreased hydraulic capacity.

PURPOSE STATEMENT OF PROJECT: Districtwide Culvert - To provide for adequate hydraulic capacity, stream stability and road core integrity.

This is not a house moving route, but there are OSOW vehicles that do use this route.

ADA will be addressed on this project.

There are no design exceptions.

Notes:
 Replace existing culverts along Gogebic Creek.

POSTED SPEED 45 MPH
 DESIGN SPEED 45 MPH

