Level 2 LAYOUT APPROVAL

Programmed Letting Date _____

Reviewed By _____ 7/17/19

Reviewed By _____ 7/17/19

Approved By _____ 7-18-19

LAYOUT PREPARED THIS DOCUMENT 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 _____ DATE _____ LICENSE NO. _____

LAYOUT NO. 1

T.H. 87, VICINITY OF FRAZEE

FROM CITY OF FRAZEE NORTH, RIVER DRIVE TO

EAST-BECKER COUNTY LINE

Prepared June 2019 Scale: Hor.1 inch = 100 ft.

By ISTHMUS ENGINEERING, INC.

Typical Section Grade shown on profile are estimated for preliminary purposes and subject to change without notice.	Typical Section Sheet ☐

The mapping images shown are estimated for preliminary purposes.

Prepared JANUARY, 2016

S.P.0206-21, T.H.87, A.H. _____ PPMS Activity _____

S.P. _____, T.H. _____, A.H. _____ PPMS Activity _____

S.P. _____, T.H. _____, A.H. _____ PPMS Activity _____

Copy To: ISM _____ For: APPROVAL _____

DATA FILE: C:\PROJECTS\0206-21 TH 87 FRAZEE\DESIGN\LAYOUT\0206-21 LAYOUT 1.DGN

DATE: 6/13/2019

LAYOUT HISTORY

PURPOSE AND NEED:
THE PURPOSE OF THE TH 87 RURAL PROJECT IS TO IMPROVE THE ROADWAY STRUCTURE, PROVIDE SAFETY IMPROVEMENTS, PROVIDE ADEQUATE DRAINAGE, PROVIDE FULL DEPTH RECLAMATION AND TREE CLEARING WILL TAKE PLACE ALONG TH 87 FOR THE WESTERN 13.2 MILES BETWEEN FRAZEE AND CR 43 IN EVERGREEN. WILL ALSO PROVIDE A WIDER SHOULDER FOR BICYCLE AND PEDESTRIAN USE.

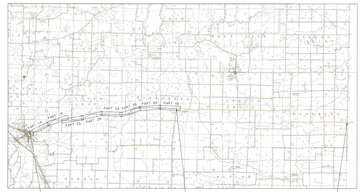
JANUARY 2019
LAYOUT SUBMITTED TO MNDOT DISTRICT 4 FOR REVIEW.

FEBRUARY 2019
LAYOUT UPDATED BASED ON DISTRICT 4 COMMENTS.

MARCH 2019
LAYOUT UPDATED BASED ON DISTRICT 4 COMMENTS.
- PROJECT DESCRIPTION AND LIMELINE REVISED FROM HOLD IN PLACE RECYCLE TO FULL DEPTH RECLAMATION AND THE ADDITION OF TREE CLEARING.
- FRONT VOLUMES ADDED.
- CONSTRUCTION LIMITS UPDATED TO 30M STANDARD LENGTHS.

JUNE 2019
LAYOUT SUBMITTED FOR APPROVAL WITH DETAILS ADDED TO LAYOUT HISTORY.

LAYOUT NOTES:
ENTRANCES AT TH 87 STA.1389+09.01 AND TH 87 STA.1217+28.01 MAY NOT BE NECESSARY. DISCUSSIONS WITH PROPERTY OWNERS ARE BEING LED BY MNDOT.



PROJECT LOCATION
COUNTY : BECKER
DIVISION : DISTRICT 4

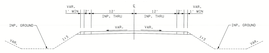
GENERAL HIGHWAY MAP
BECKER COUNTY
MINNESOTA
PREPARED BY THE
MINNESOTA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRANSPORTATION SYSTEM MANAGEMENT
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

2016
MAGNETIC - 2015
MEAN
1 0 1 2 3 4 Miles

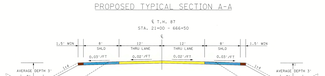
DEPARTMENT OF TRANSPORTATION

ISTHMUS ENGINEERING

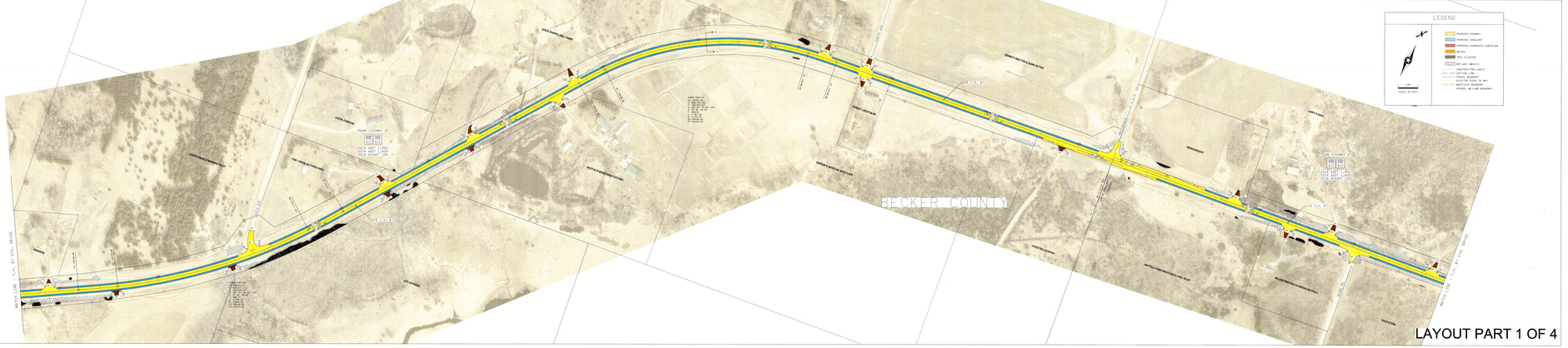
INPLACE TYPICAL SECTION



PROPOSED TYPICAL SECTION A-A



PROPOSED TYPICAL SECTION B-B



LAYOUT PART 1 OF 4