LAYOUT HISTORY:
THE PURPOSE OF THIS PROJECT IS TO IMPROVE THE SAFETY AND OPERATION OF T.H. 169. THIS PROJECT IS LOCATED ON T.H. 169 FROM 148D FT. WEST OF C.S.A.H 80 TO 1200 FT. EAST OF C.S.A.H 80.

THIS PROJECT CONSISTS OF THE FOLLOWING WORK: TURN-LANE ADDITION AND EXTENSION,WIDENING AND GUARDRAIL, LIGHTING, AND ACCESS CLOSURE

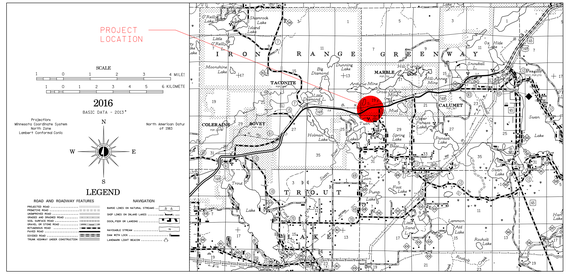
UPDATED LAYOUT TO REMOVE THE PROPOSED PEDESTRIAN CONNECTION BETWEEN BALL STREET AND T.H. 169 TO ADDRESS LANDOWNER SAFETY CONCERNS RELATED TO ATV/SNOWMOBILE TRAFFIC ALONG BALL STREET. THIS HAS ADVANCED THE LAYOUT TO 1A.

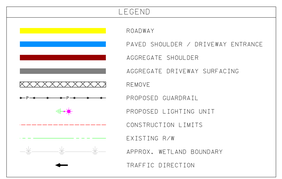
UPDATED LAYOUT WITH THE FOLLOWING REVISIONS:
- A 2-FOOT PAVED SHOULDER BETWEEN THE RIGHT TURN LANE ONTO COLUMBO ST. AND THE PROPOSED GUARDRAIL WAS ADDED;
- THE PROPOSED T.H. 169 SHOULDER WIDTH WHERE NO GUARDRAIL IS PRESENT WAS REVISED.
- THE PROPOSED TYPICAL SECTIONS AND DITCHES WERE REVISED.

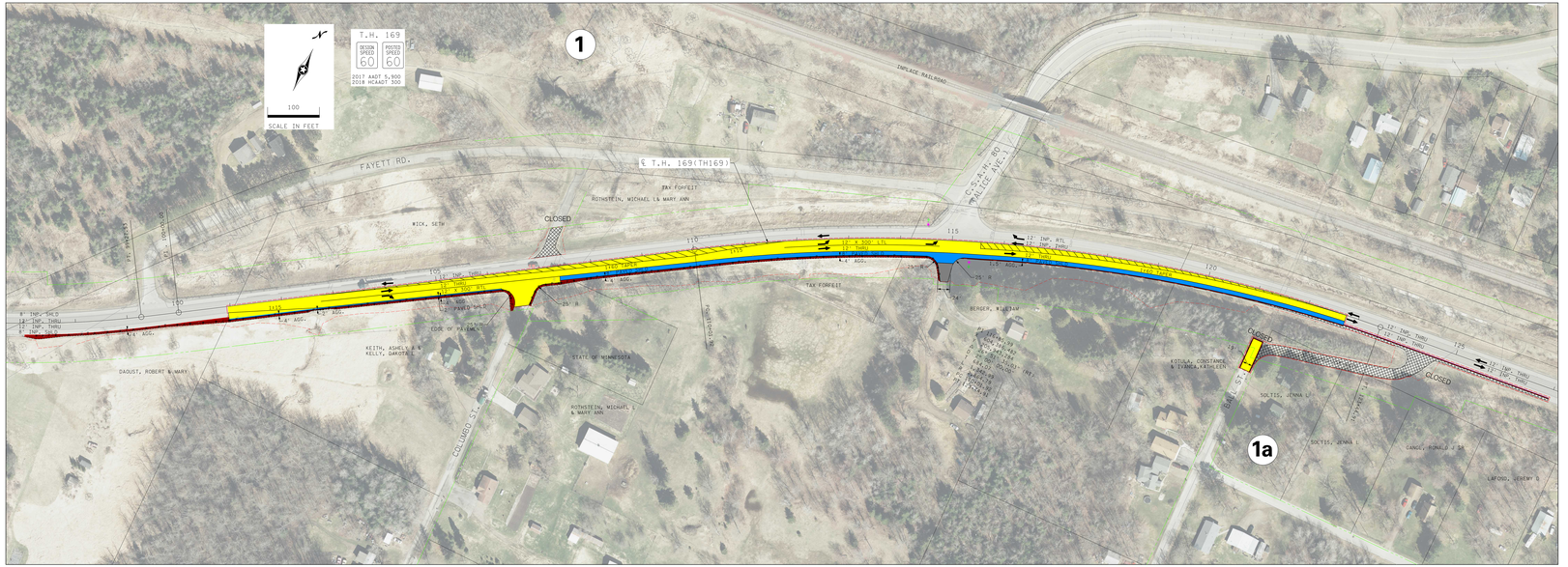
THIS HAS ADVANCED THE LAYOUT TO 1B.

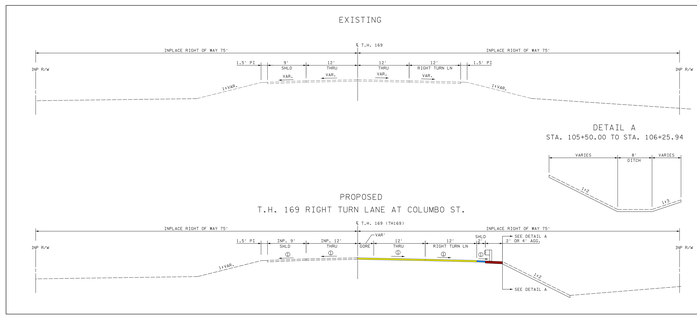
DESIGN EXCEPTIONS: NO DESIGN EXCEPTIONS

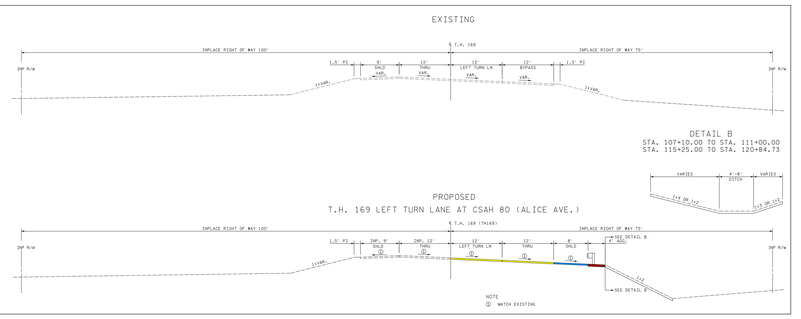
LAYOUT NOTES:
1. ITASCA COUNTY WILL BE RESPONSIBLE FOR THE LONG-TERM MAINTENANCE OF THE PROPOSED LIGHTING SYSTEMS.
2. MNDOT WILL BE PROVIDING PAVEMENT RECOMMENDATIONS.
3. THIS SECTION OF T.H. 169 IS AN OVERSIZE/OVERWEIGHT (OSOW) CORRIDOR, IT IS NOT A SUPER LOAD CORRIDOR.











DEPARTMENT OF TRANSPORTATION

PERFORMANCE DRIVEN DESIGN. LHBcorp.com

ISTHMUS ENGINEERING

TALKO VIDEO DETECTION SYSTEM ON T.H. 169 FROM 148D FT. WEST OF C.S.A.H 80 TO 1200 FT. EAST OF C.S.A.H 80

LAYOUT No.: 1B, COPY No.: 1

PROJECT MANAGER: MICHAEL A. OSLUND

PROJECT ENGINEER: KEVIN J. ROSS (2006 INC.) DATE: 5/24/17

	Staff Approval Date	
The alignment and profile grades are acceptable and may be used without review.		PPMS Activity:...
The alignment and profile grades shown are acceptable.		PPMS Activity:...
The traffic volume shown are acceptable.		PPMS Activity:...

S.P. 316-191..... T.H.169 A.I.....
S.P. ..... T.H. ... A.I. .....
S.P. ..... T.H. ... A.I. .....
Copy for ..... T.H. ... A.I. .....

Level 2 LAYOUT APPROVAL

Programmed Letting Date

Prepared By: Daniel J Erickson — Traffic Engineering Intern, Transportation Planning Unit, Bemidji — 218-755-6500

Prepared By: James Miles — Traffic Engineering Intern, Transportation Planning Unit, Bemidji — 218-755-6500

Reviewed By: Todd Campbell — Traffic Engineering Team Leader, Transportation Planning Unit, Bemidji — 218-755-6500

Approved By: ... — Traffic Engineer, District Engineer

I HAVE SEEN THE TALKO VIDEO DETECTION SYSTEM ON T.H. 169 FROM 148D FT. WEST OF C.S.A.H 80 TO 1200 FT. EAST OF C.S.A.H 80 AND APPROVE IT AS SHOWN ON THIS LAYOUT.

SIGNATURE: ... DATE: 5/24/17

TITLE: Traffic Engineer, District Engineer

I:\PROJECTS\TALKO\REV2-1B TH 169 (TALKO)\MAPS\PLAN\TALKO_LAYOUT_SHEET.DWG, 5/24/2017 3:51:15 PM, gjh, HP DesignJet T1700dr PS