



Open House for CSAH 2 / CR 180, CSAH 43 & CR 171 Intersection Improvements

Havana Township

whks

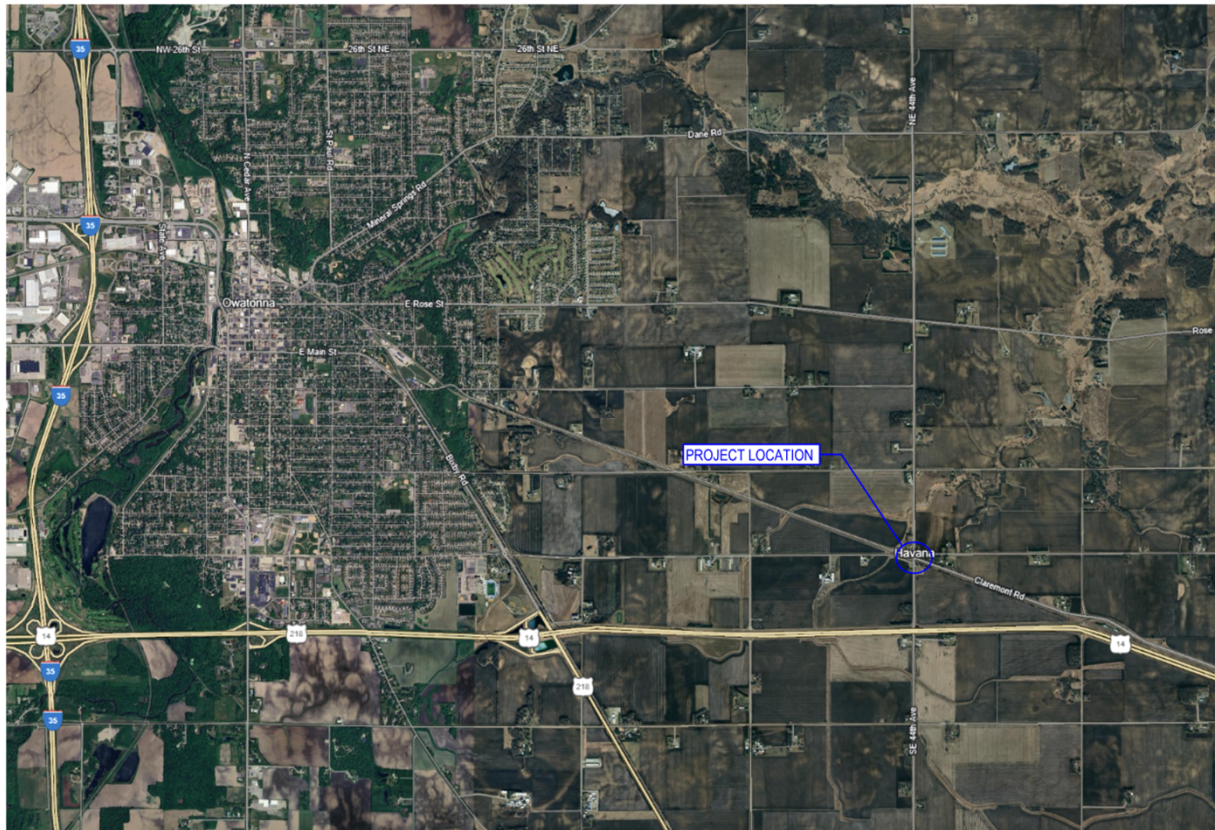
engineers + planners + land surveyors

Agenda

- ▶ Project Location
- ▶ Project Background
- ▶ WHKS Intersection Feasibility Report
- ▶ Proposed Alternatives
- ▶ Feedback from September Open House
- ▶ Feedback from Canadian Pacific Railroad
- ▶ Preferred Alternative
- ▶ Project Timeline
- ▶ How to Stay Involved
- ▶ Open House - Questions & Comments

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Project Location



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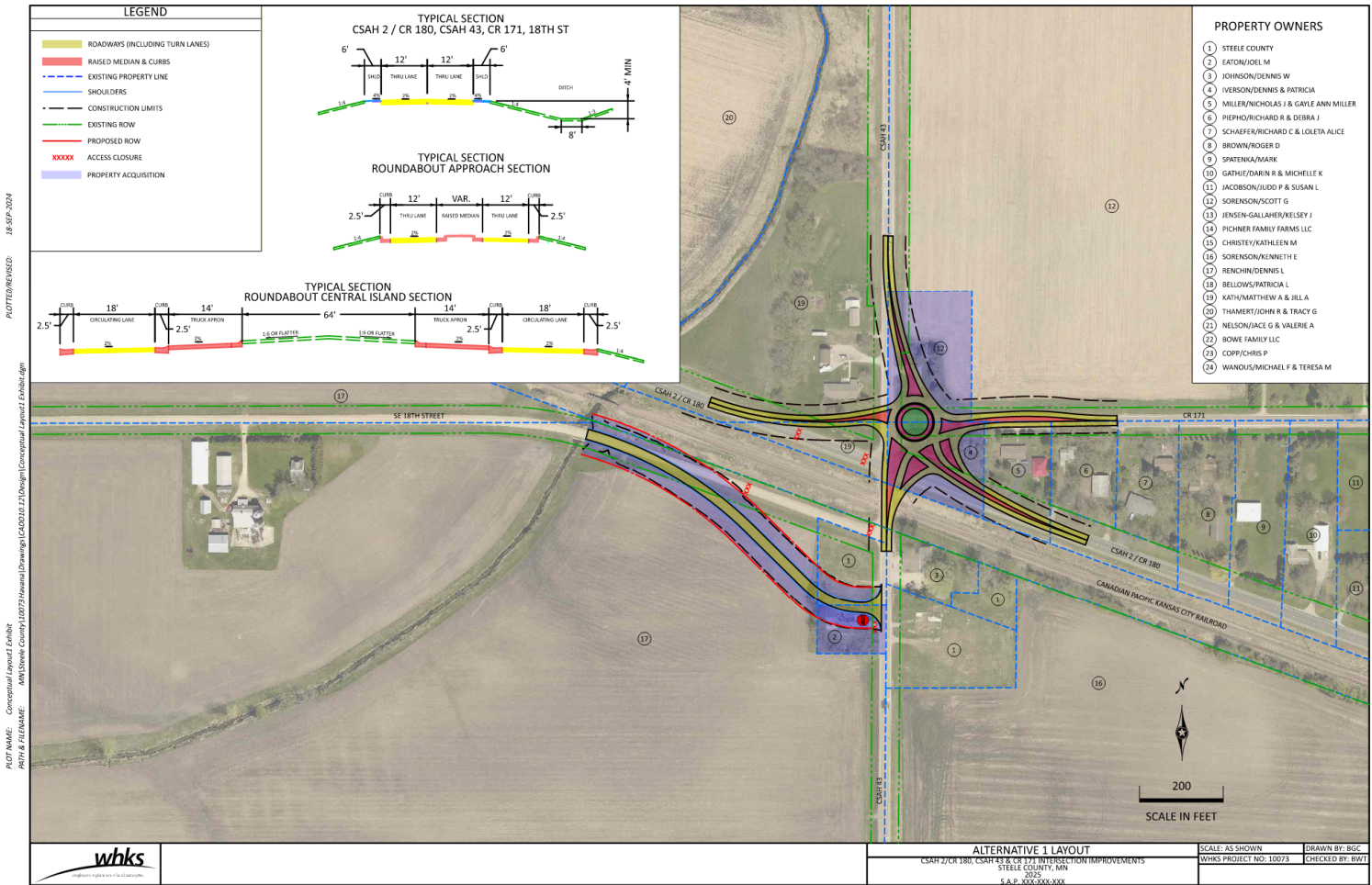
Project Background

- ▶ Top Ranked Crash Location - 2040 Transportation Plan
- ▶ High-Risk Intersection - 2012 County Road Safety Plan
- ▶ 2011 Owatonna East Beltline Corridor Study
 - Future residential growth expected on CSAH 43
- ▶ 2021 US 14 Reconstruction
 - Increased traffic on CSAH 43
- ▶ 2024 - WHKS Feasibility Report
 - Improve intersection safety identified in previous studies

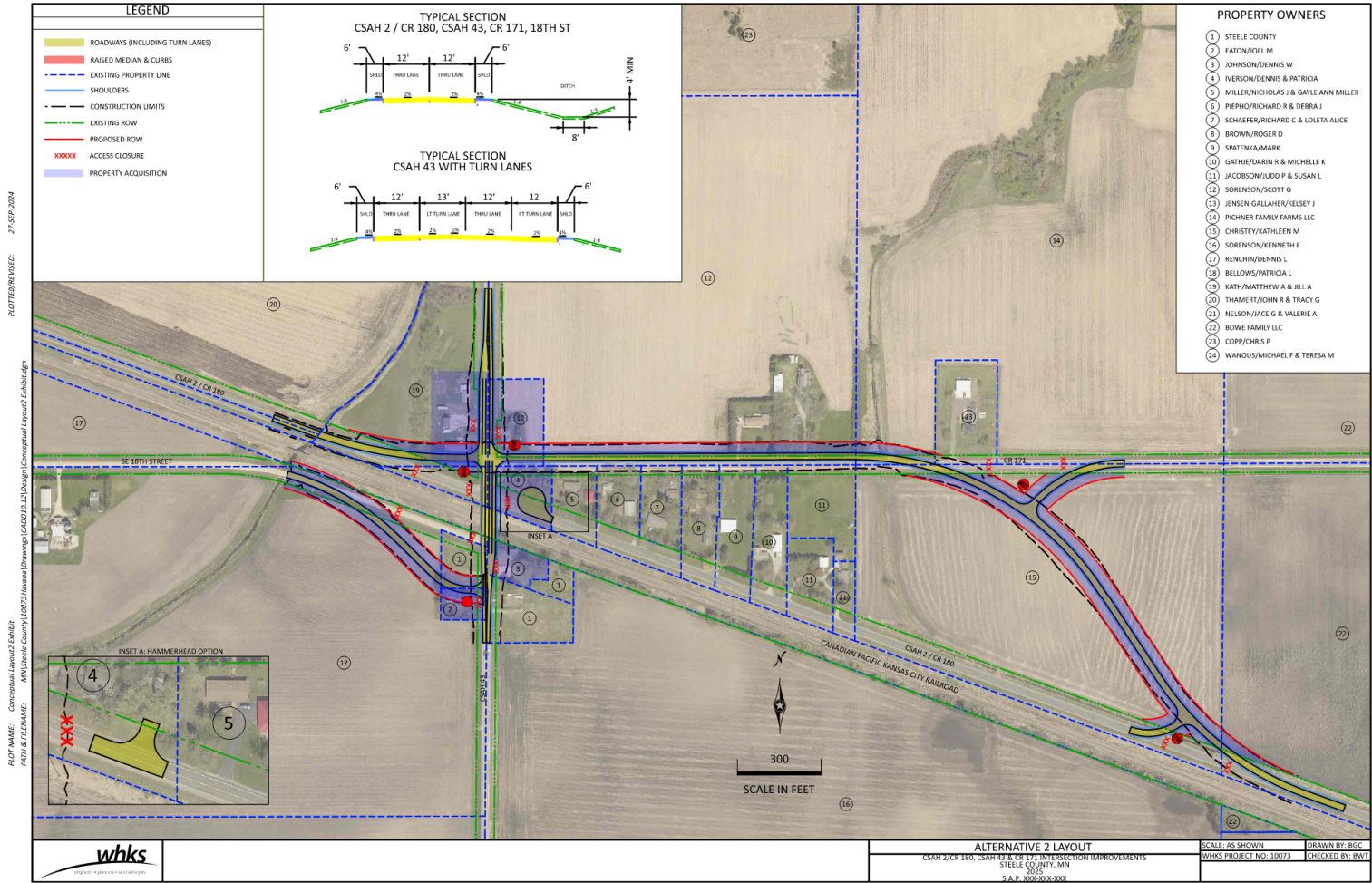
WHKS Intersection Feasibility Report

- ▶ Crash Data
 - 15 crashes from 2014 - 2024
 - 50% resulted in minor injury
- ▶ Traffic Control Analysis
 - Roundabout, stop sign, and signal control analyzed
 - Stop sign recommended layout
- ▶ Geometrics
 - Skew angle
 - Proximity of intersections
 - Proximity of railroad crossing

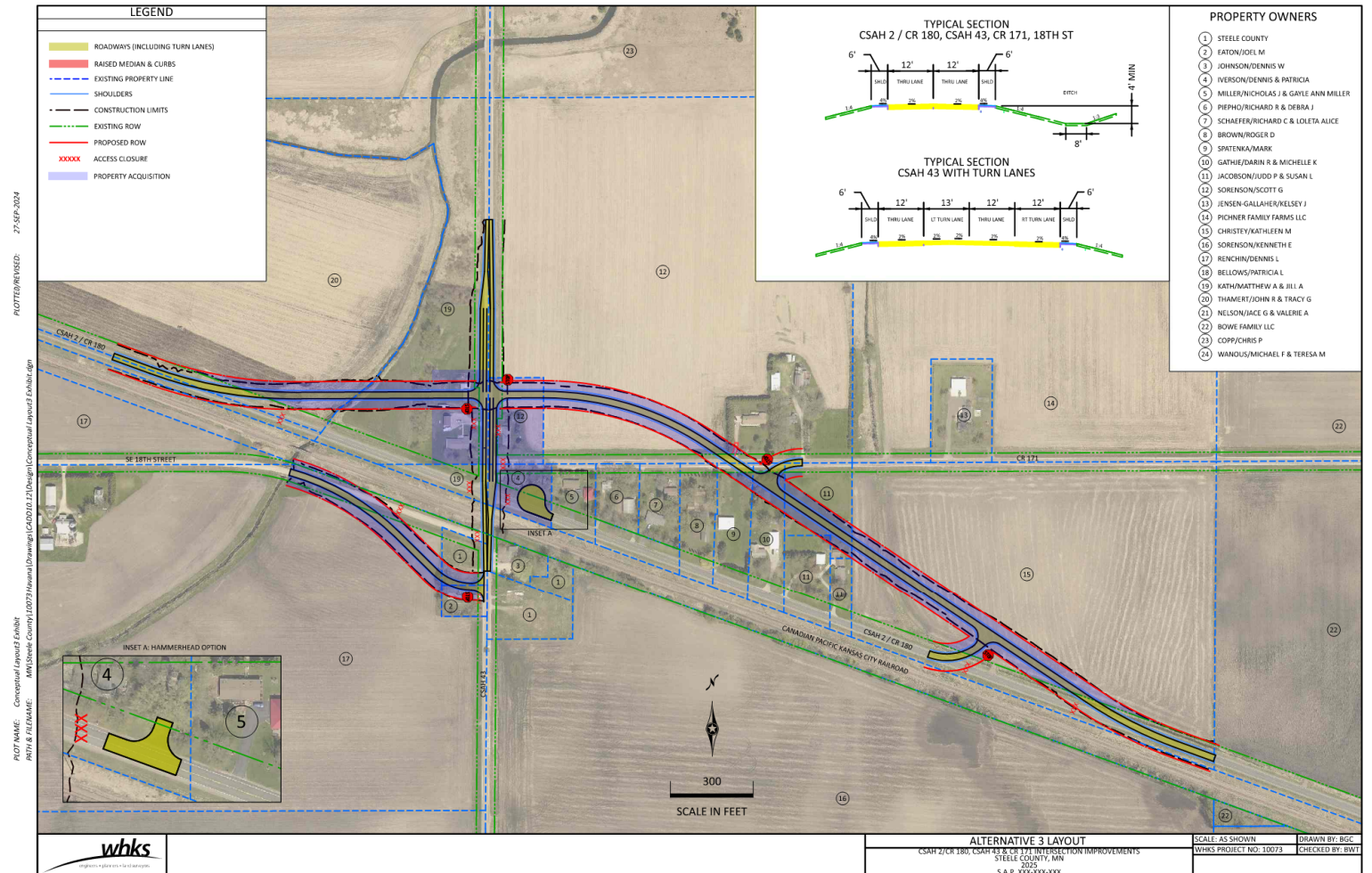
Proposed Alternative 1



Proposed Alternative 2

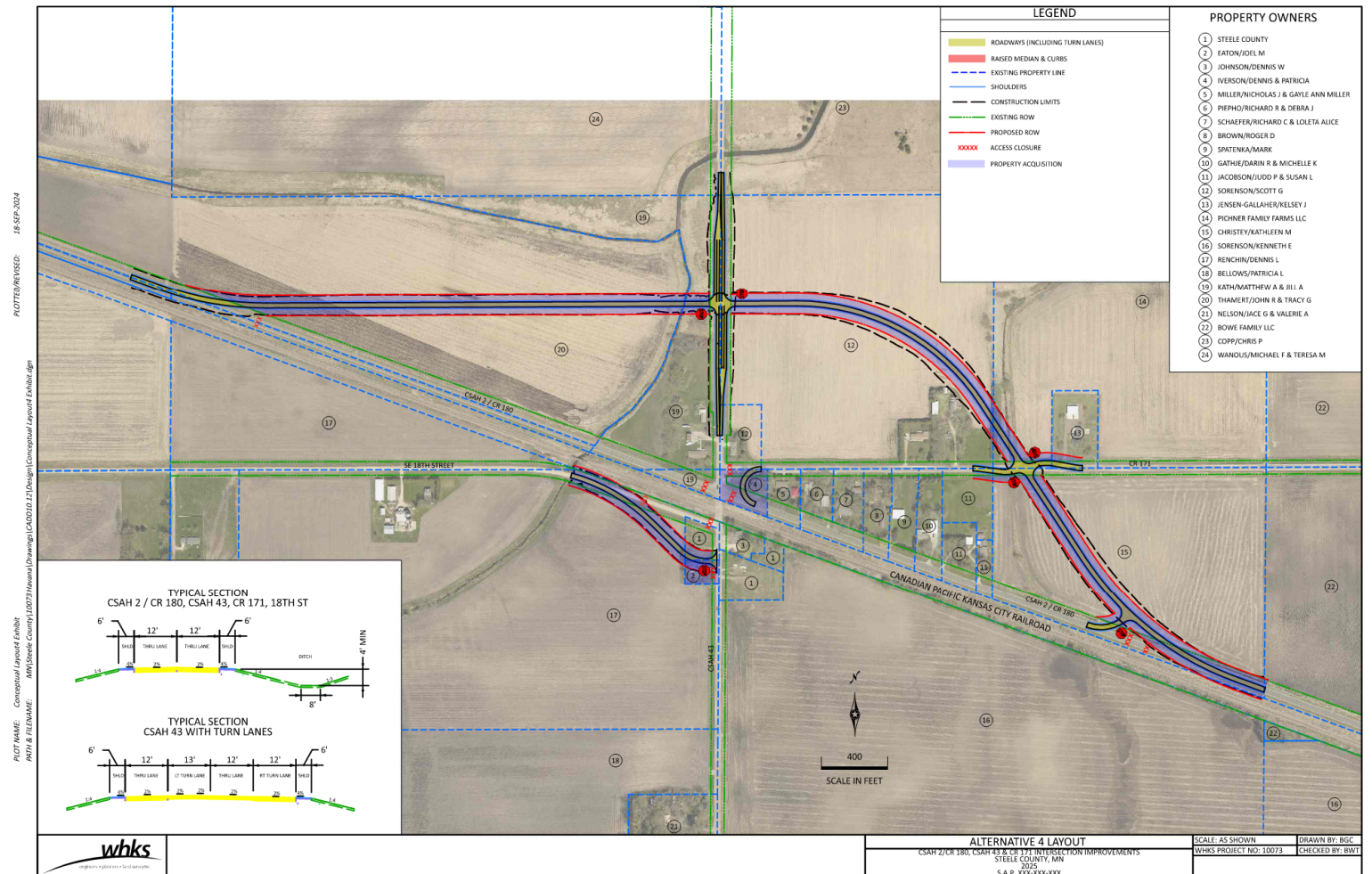


Proposed Alternative 3



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Proposed Alternative 4



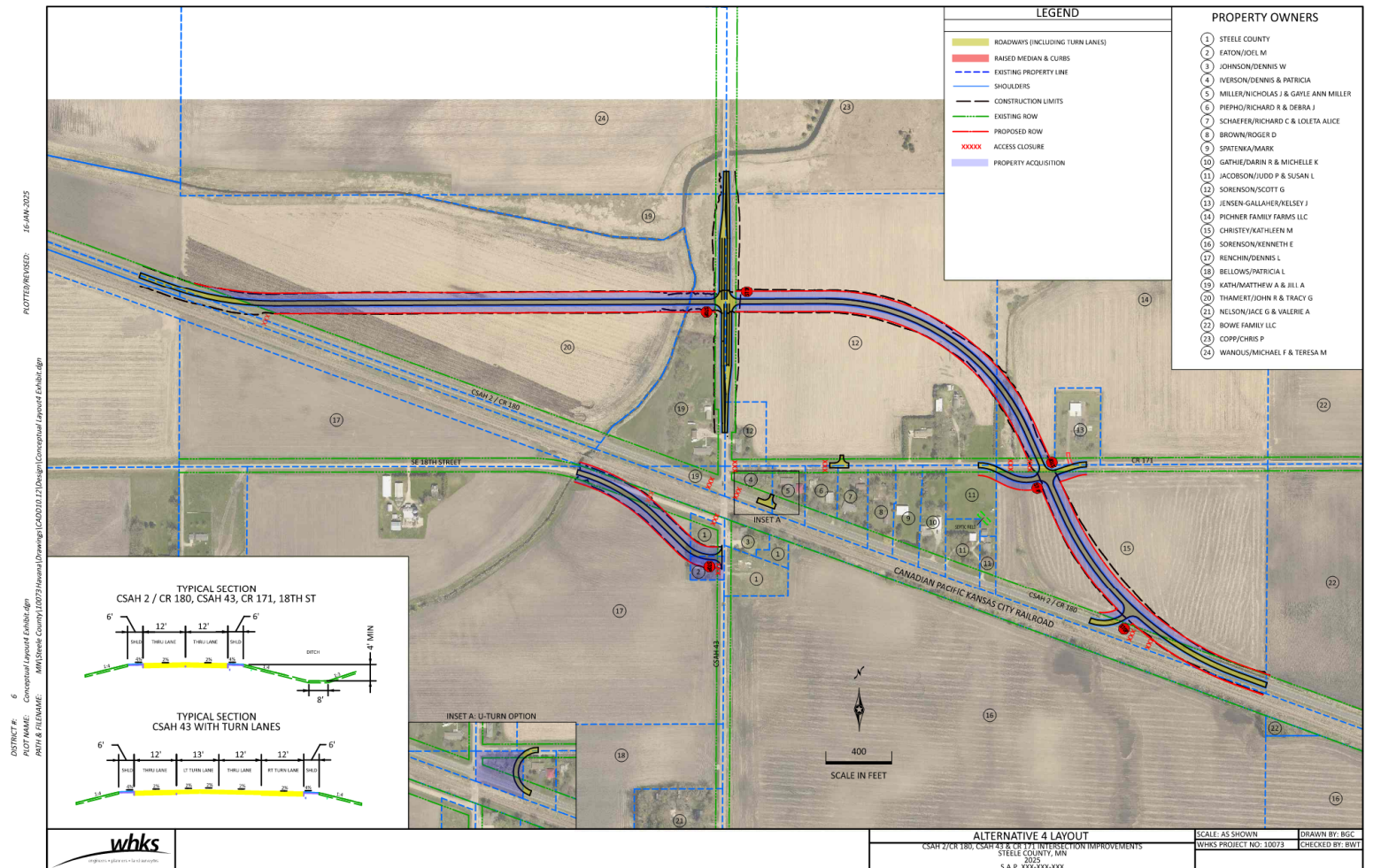
Feedback from September Open House

- ▶ Proposed Alternative 1
 - Residential relocations
- ▶ Proposed Alternative 2
 - Large impacts to farmland
 - Residential relocations
- ▶ Proposed Alternative 3
 - Small impacts to farmland
 - Large impacts to residential backyards
 - Residential relocations
- ▶ Proposed Alternative 4
 - Large impacts to farmland
 - Shift intersection to Havana Road
- ▶ Miscellaneous
 - All-way stop control

Feedback from Canadian Pacific Railroad

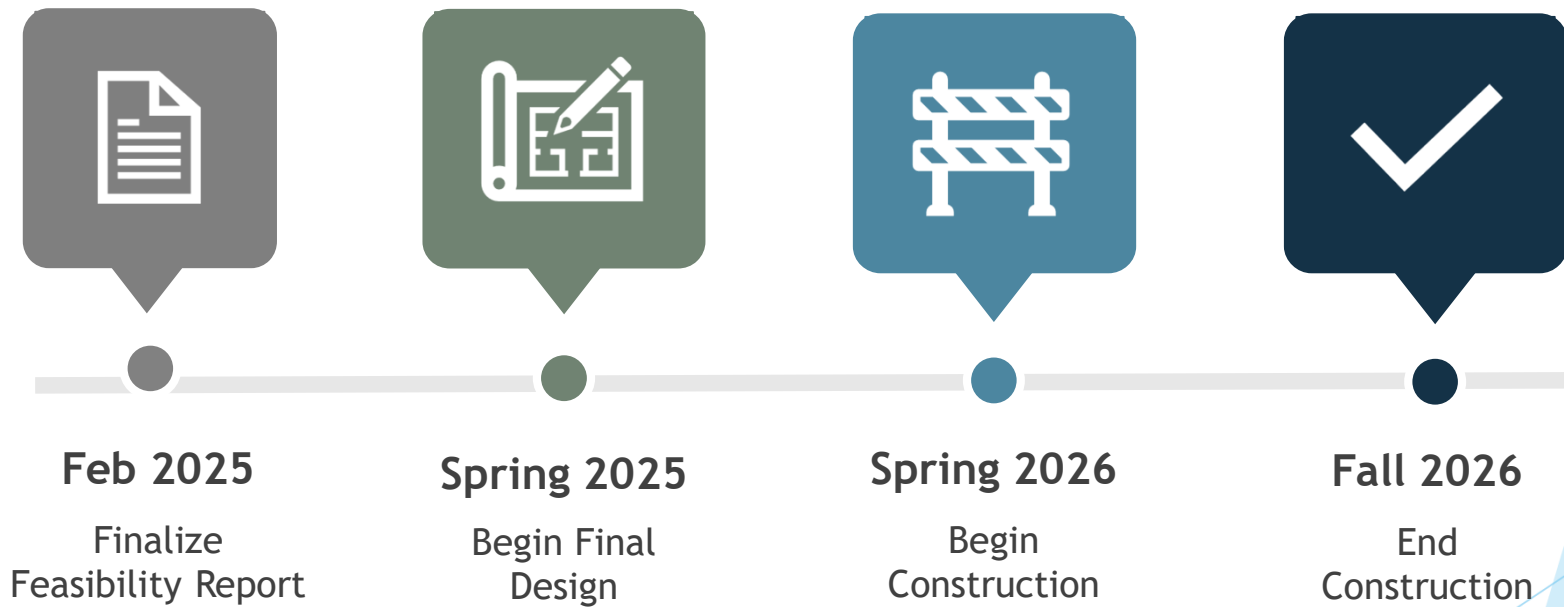
- ▶ Alternatives 2 and 3
 - Strongly discouraged due to turn lane queuing on track
 - Difficult to permit
- ▶ Alternative 4
 - Strongly recommended

Preferred Alternative



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Project Timeline



How to Stay Involved

Sign-In Sheet: Please sign in

County Website: Future projects and studies

- Subscribe for email updates

Social Media

Future Meetings

- Design
- Construction



Open House to Follow for Questions and Comments

Thank you!

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