6th Avenue East Overlay and Roadway Reconfiguration Public Meeting

Alex Popp, PE – Project Engineer

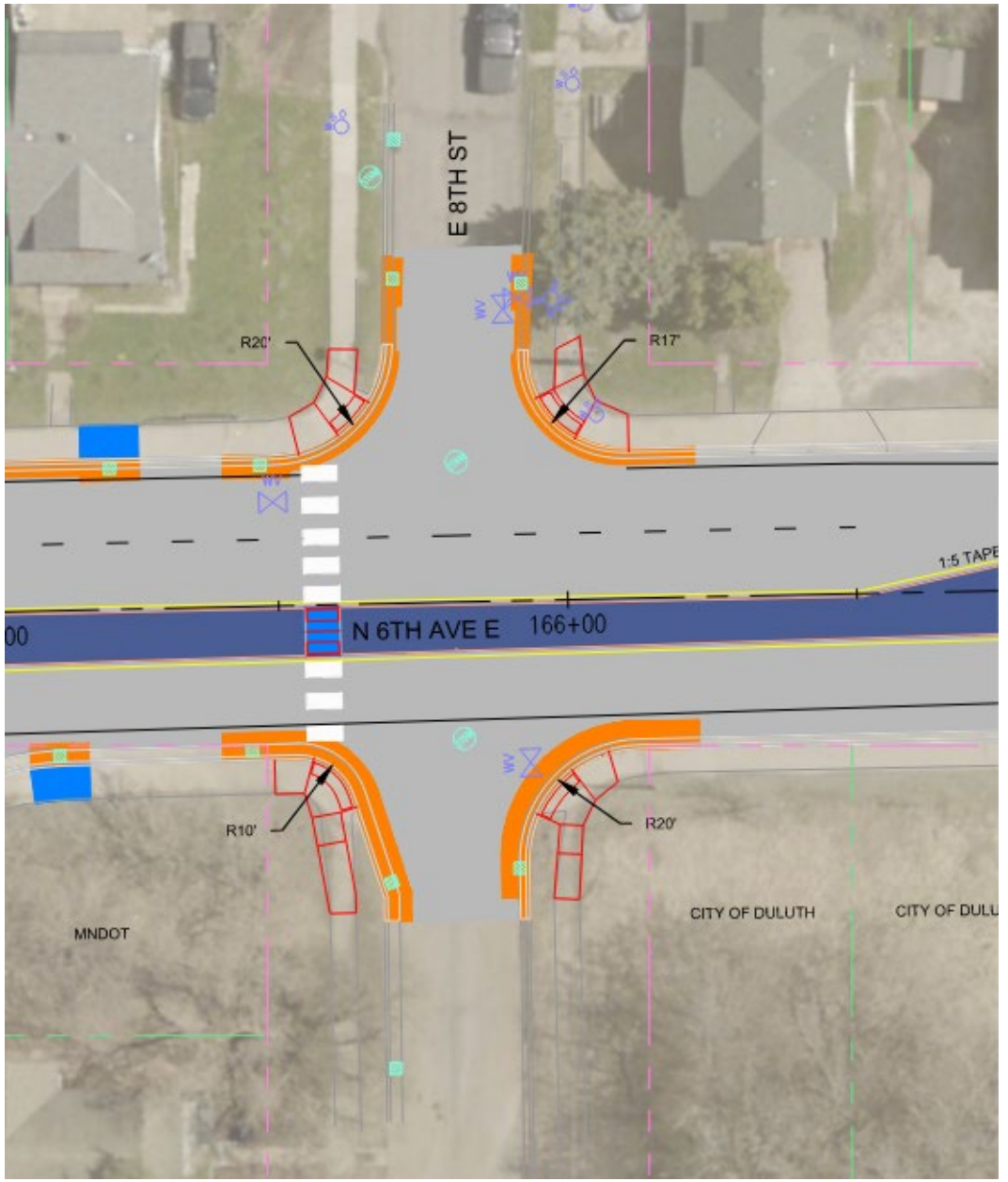
THE CITY OF DULUTH MINNESOTA
PUBLIC WORKS AND UTILITIES

Project Overview

- Overlay from East 2nd Street to Mesaba Avenue
- ADA compliant curb ramps and spot sidewalk replacements
- Reconfiguration from a 4-lane to a 3-lane roadway with other safety improvements
- Lead service line replacements

What We Heard

- Traffic congestion and diversion
- Traffic speeds and safety
- Signal improvements at 9th Street
- Pedestrian safety improvements
- Coordination with the DTA, Police, and Fire

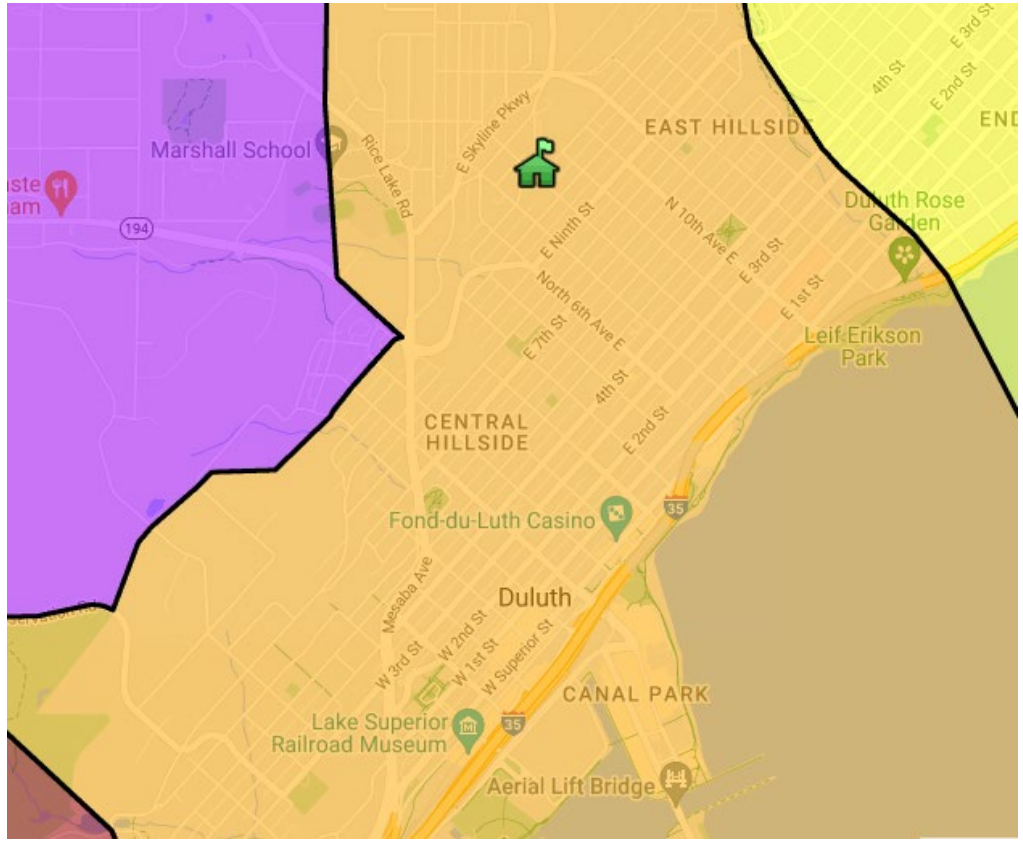


Changes in the Project

- Replace lead service lines
- Add center median and improved pedestrian crossing areas
- Update with two lanes going up the hill after 8th Street
  - Bike lane no longer fits within the existing roadway

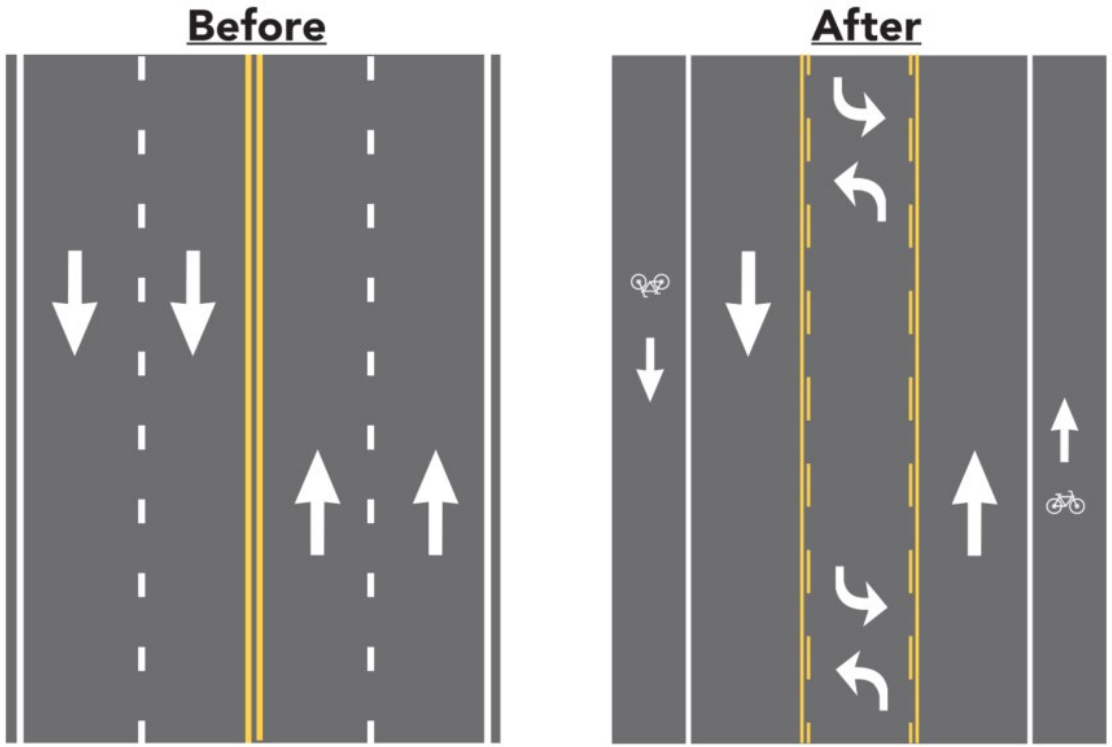
Current Challenges Posed by Roadway

Pedestrian Accessibility



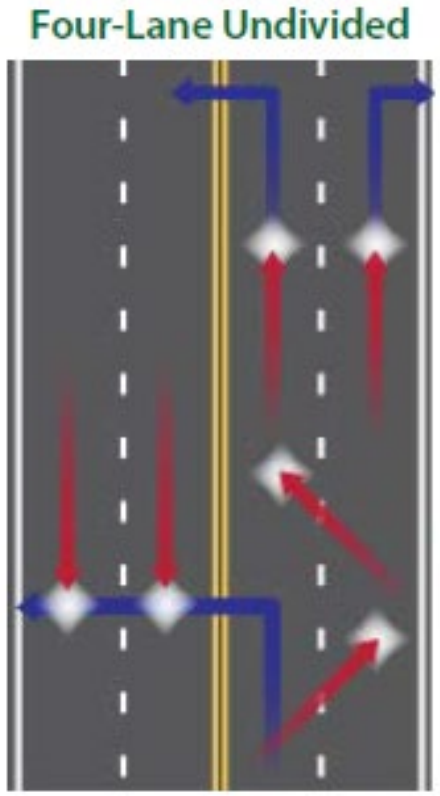
Roadway Safety

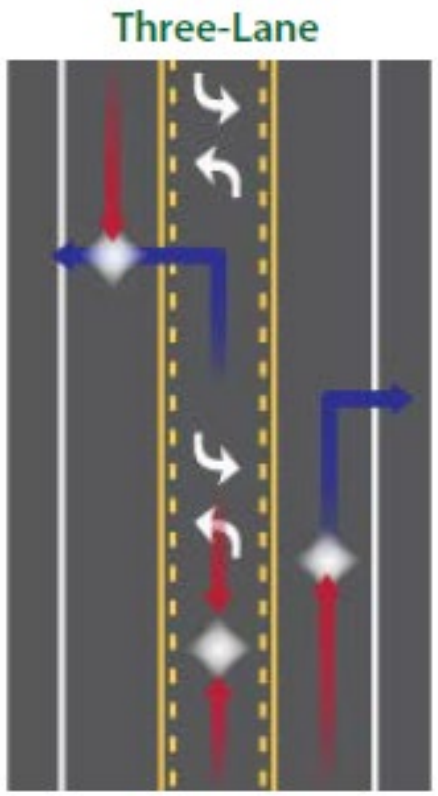
What is a “Roadway Reconfiguration”



Two travel lanes are removed to reallocate space for a TWLWL and bicycle lanes.

Roadway Safety Benefits





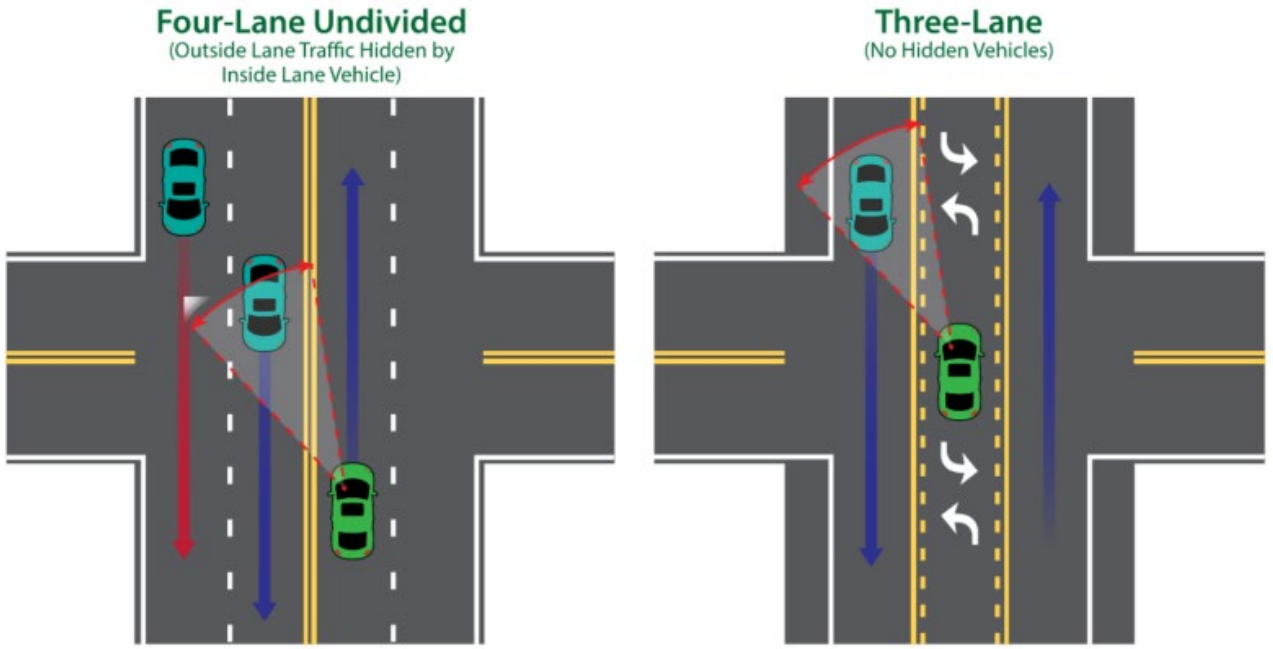
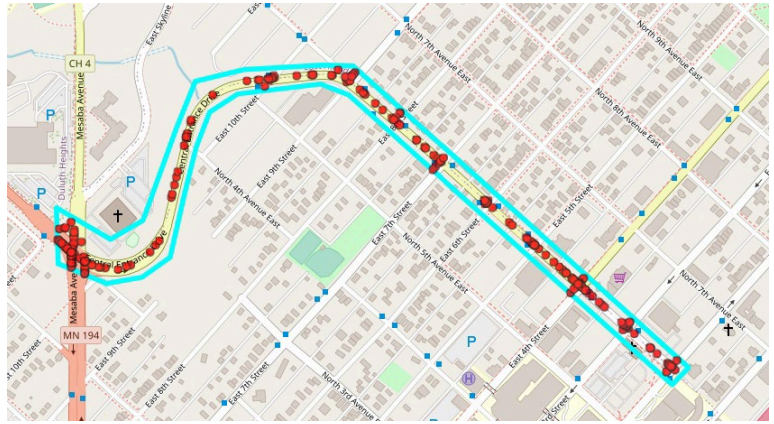


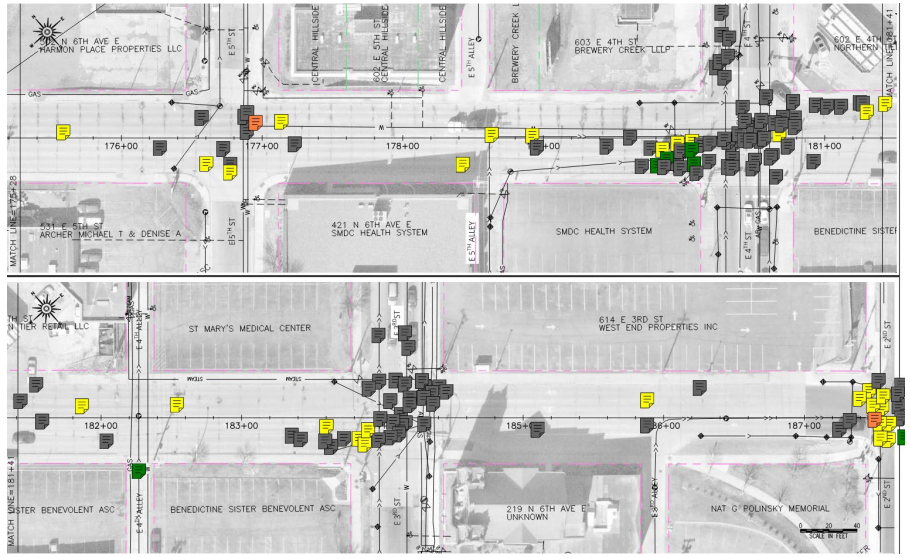
Figure 6. Major-Street Left-Turn Sight Distance for Four-Lane Undivided Roadway and Three-Lane Cross Section (Adapted from *Welch*, 1999)

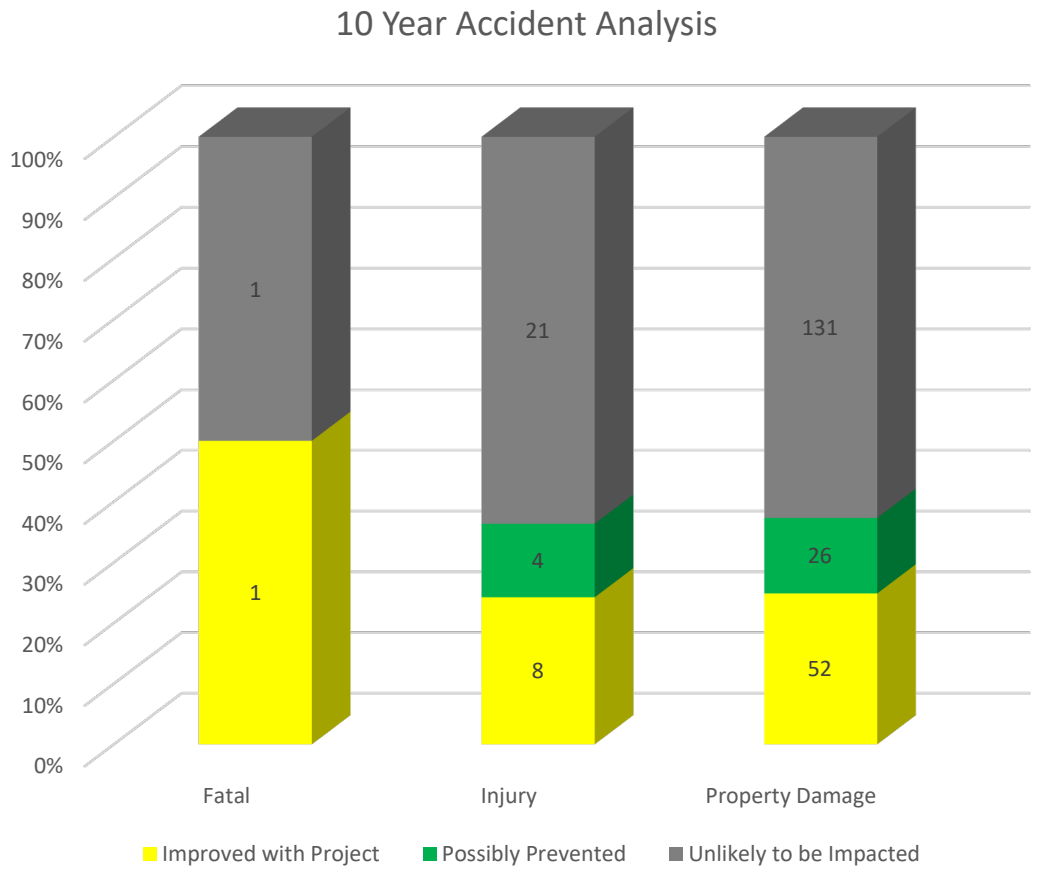
Images from FHWA

10-Year Crash Analysis

Crash Mapping and Classification

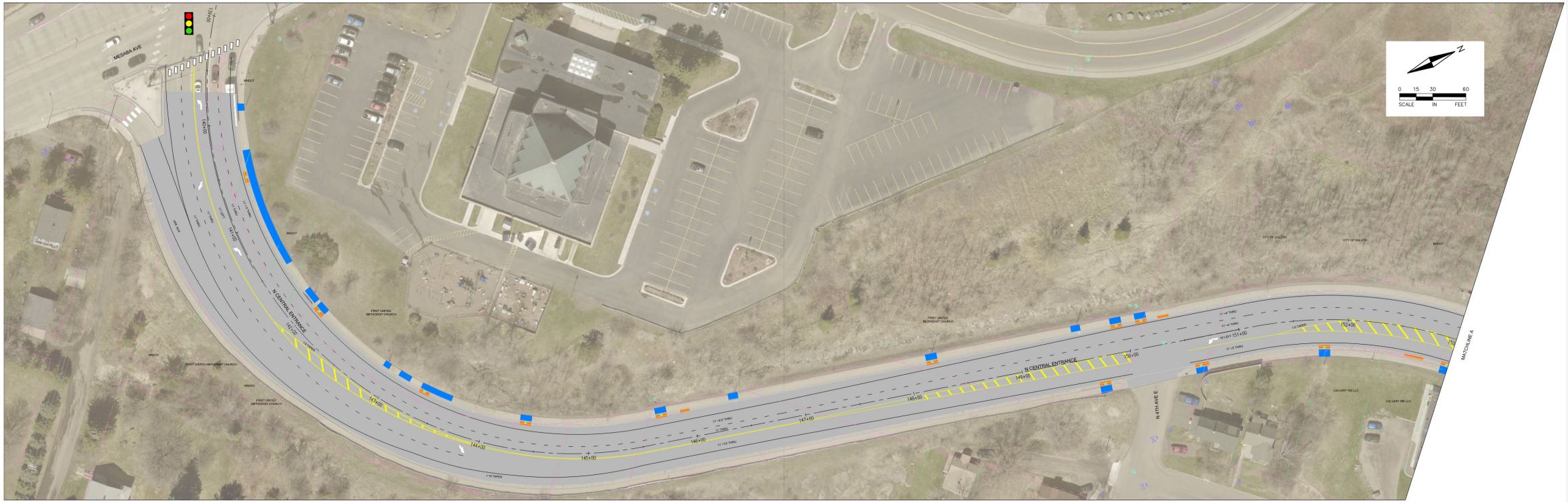




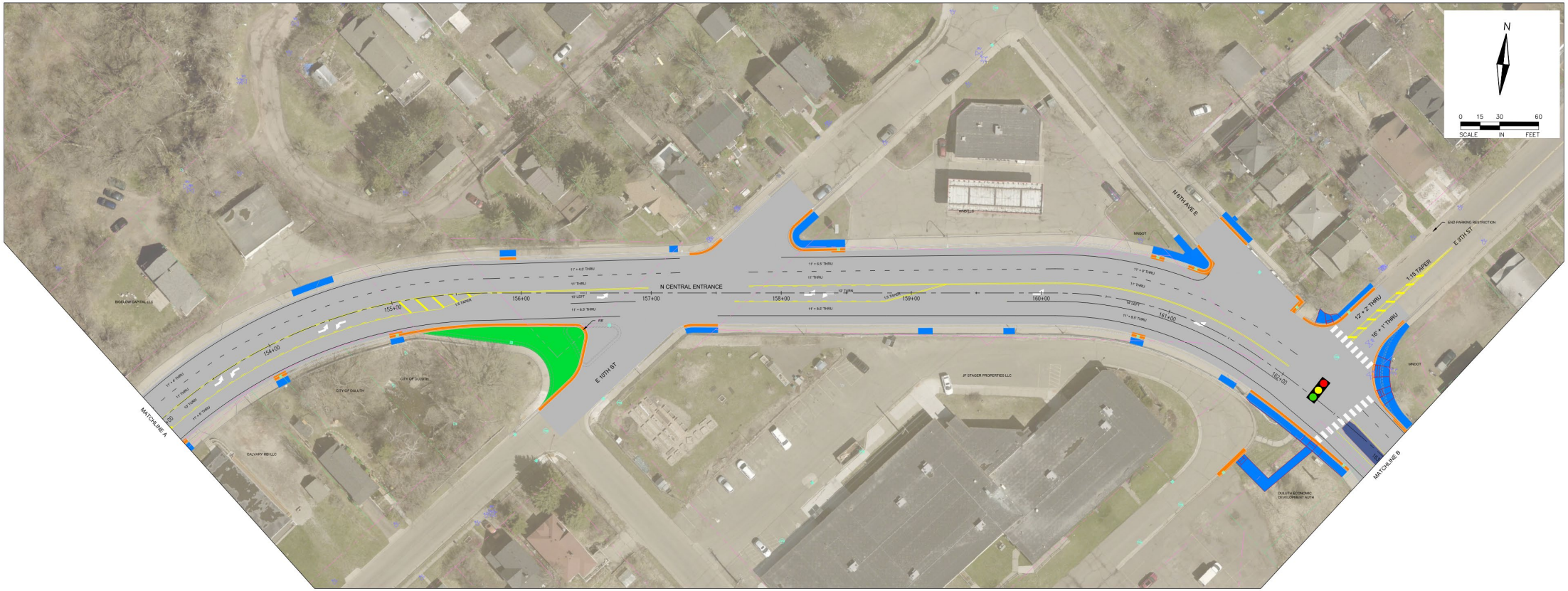


244 crashes occurred within the project corridor over a 10-year period

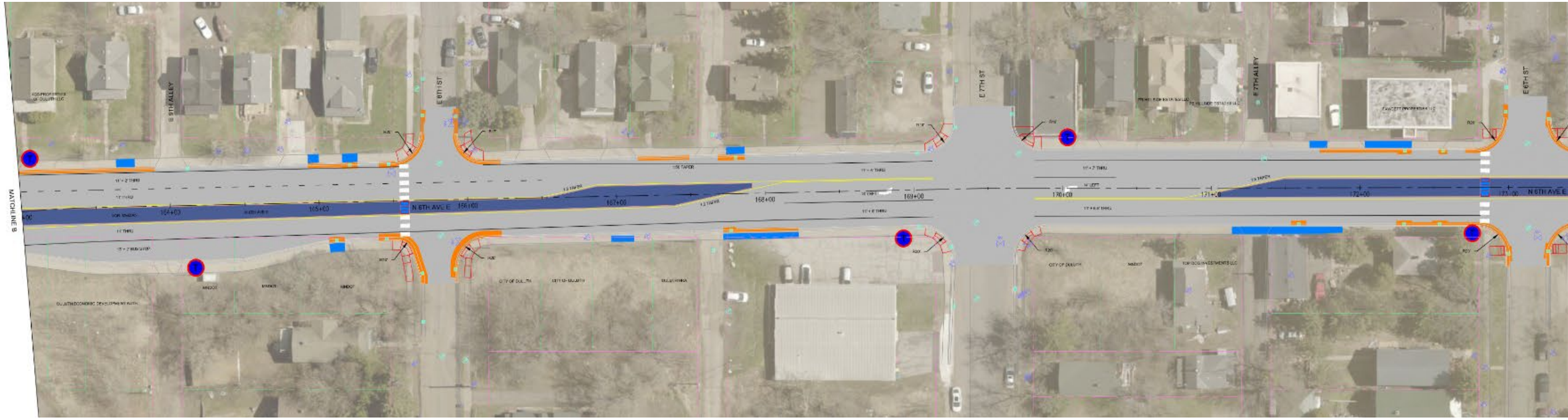
Proposed Layout



Proposed Layout

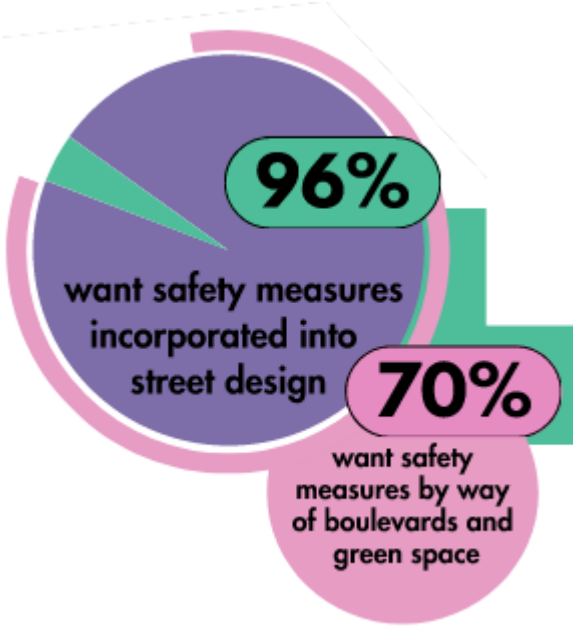


Proposed Layout



Center Median Island

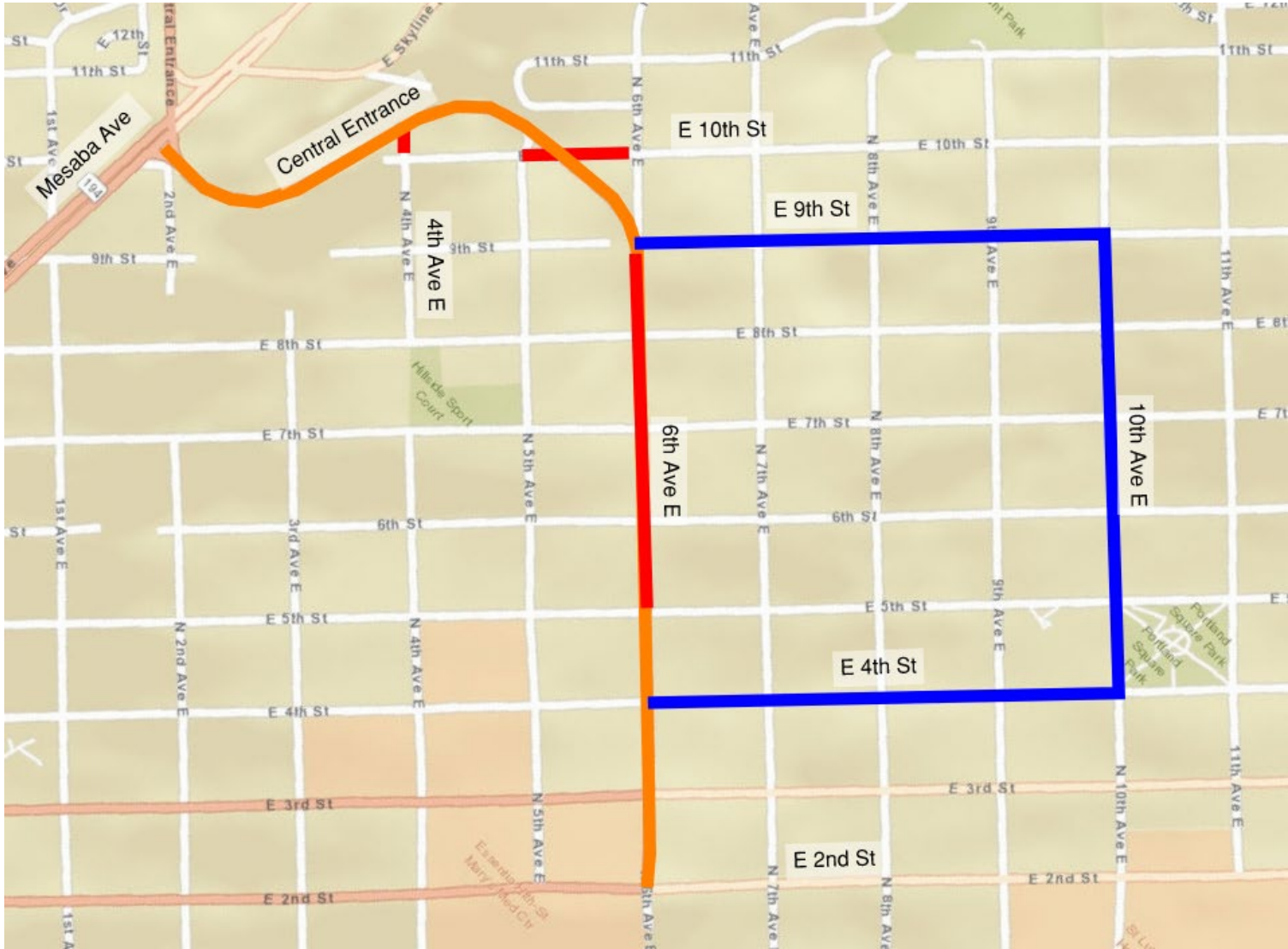
2021 Zeitgeist Survey



2023 City of Duluth Survey

Typical Street Construction

Traffic Impacts During Construction



Project Schedule

Now – Spring 2025	2025	2026-29	2030+
Resurfacing Project Design	Resurface 6th Avenue East from 2nd Street to Mesaba Avenue	Collect Public Input on Reconfiguration and Future Reconstruction Designs, Develop Reconstruction Plans	Earliest Possible Reconstruction

Questions and Feedback

- Thank you for attending and for your interest in the project

THE CITY OF
DULUTH
MINNESOTA
— PUBLIC WORKS AND UTILITIES —