6th Avenue East Overlay and Roadway Reconfiguration

Alex Popp, PE – Project Engineer

James Gittemeier, AICP – Senior Transportation Planner





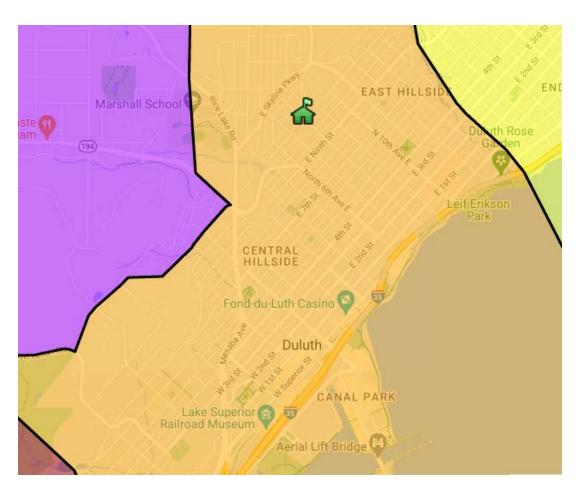
Project Overview

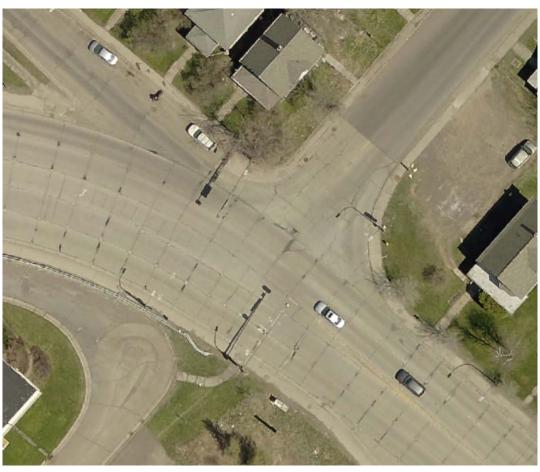






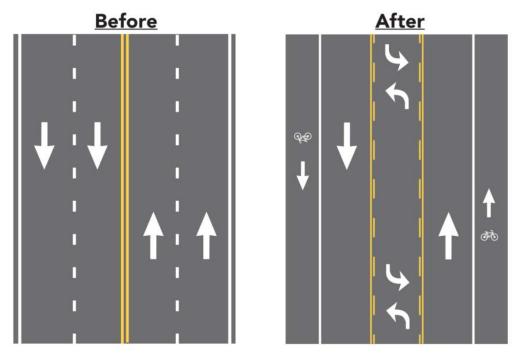
Current Challenges Posed by Roadway







3-Lane Roadways in Duluth



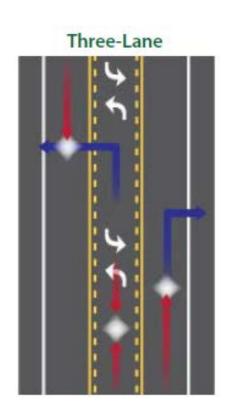
Two travel lanes are removed to reallocate space for a TWLWL and bicycle lanes.





Roadway Safety Benefits

Four-Lane Undivided



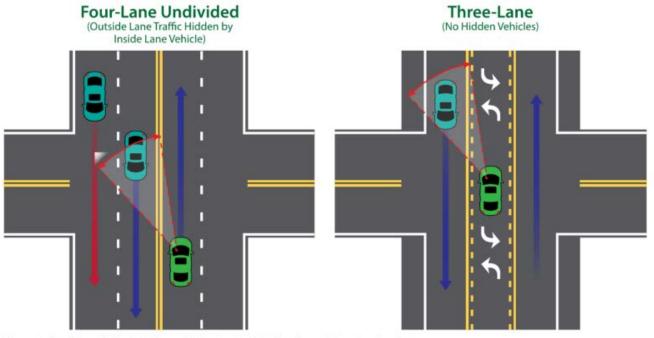
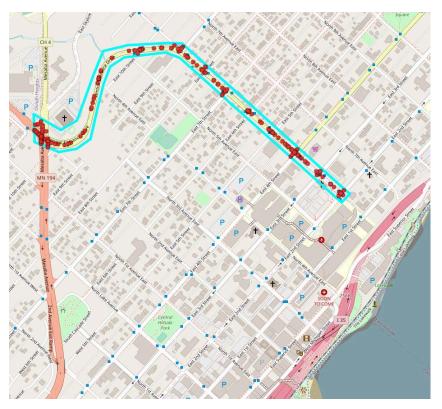


Figure 6. Major-Street Left-Turn Sight Distance for Four-Lane Undivided Roadway and Three-Lane Cross Section (Adapted from Welch, 1999)

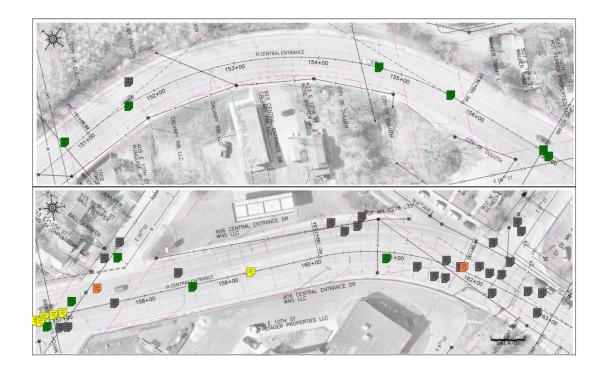


10-Year Crash Analysis

Crash Locations

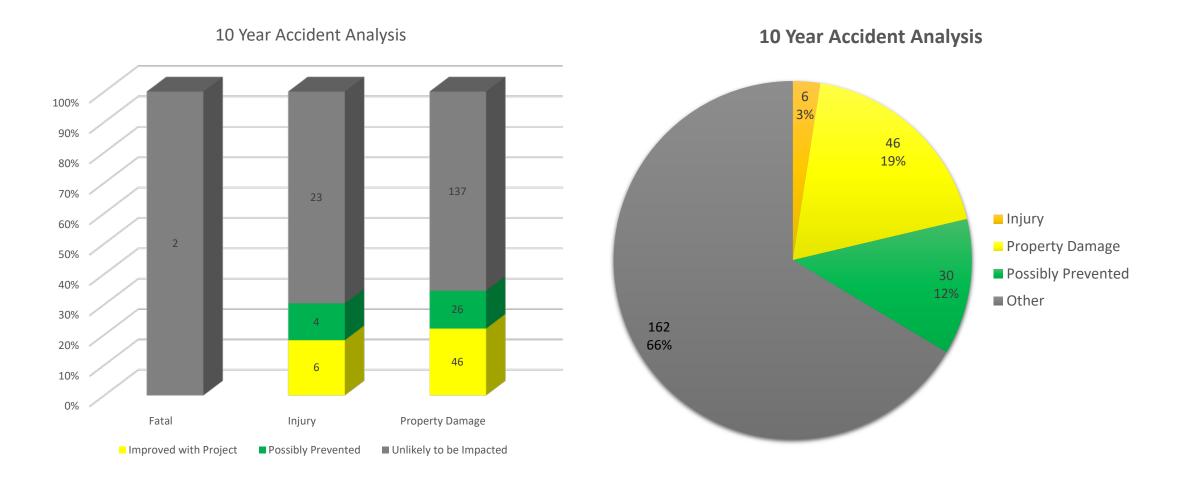


Crash Mapping and Classification

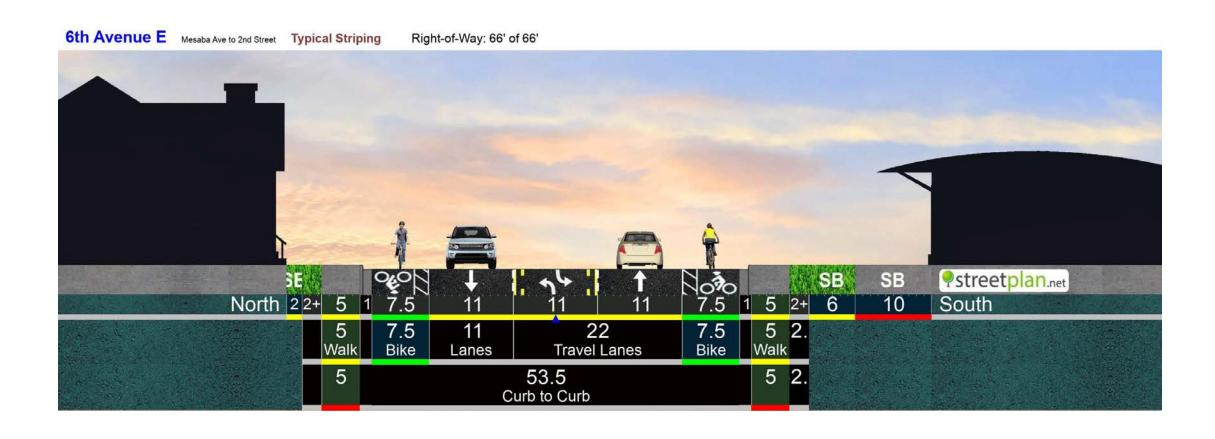




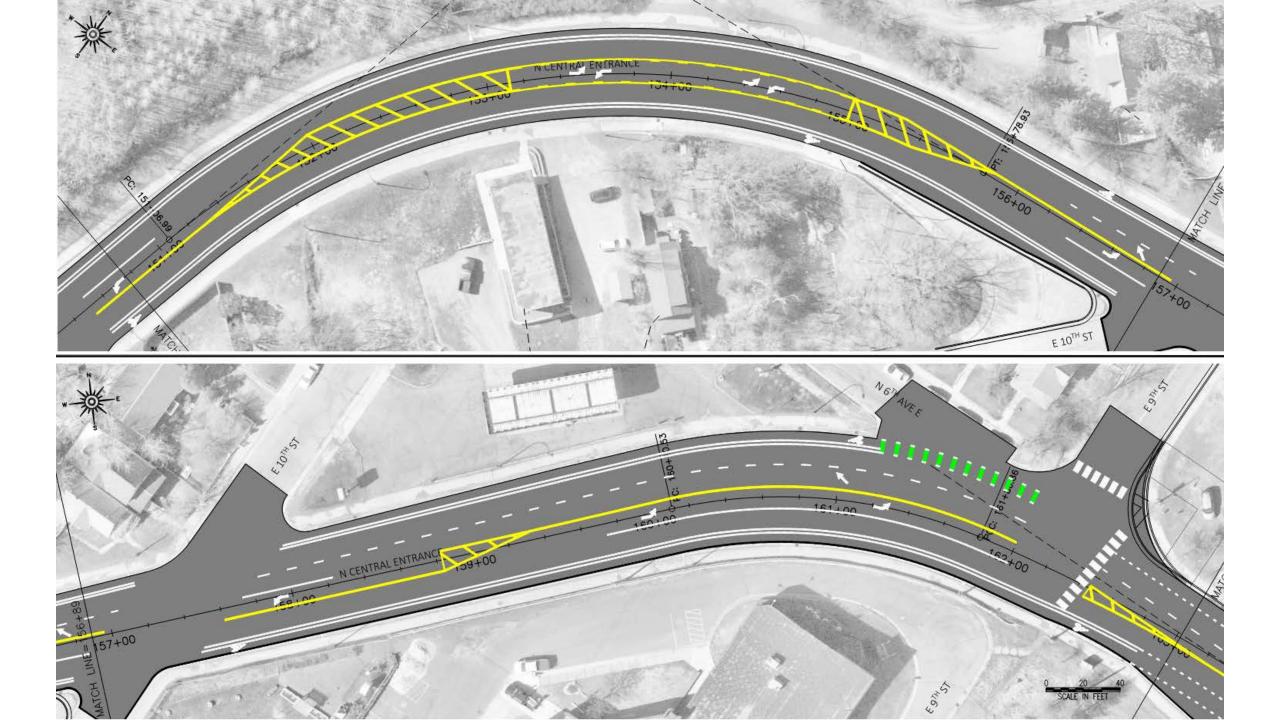
10-Year Crash Analysis



Proposed Typical Sections

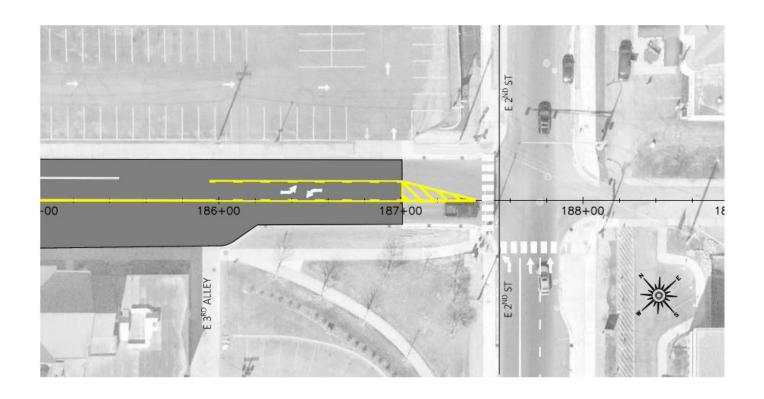












Project Schedule

Fall 2023 – Spring 2024	2024	2025-29	2030+
Resurfacing Project Design	Resurface 6th Avenue East from 2 nd Street to Mesaba Avenue	Collect Public Input on Reconfiguration and Future Reconstruction Designs, Develop Reconstruction Plans	Earliest Possible Reconstruction

Questions or Comments

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