



The Most
Livable City
in America

Traffic Study Process

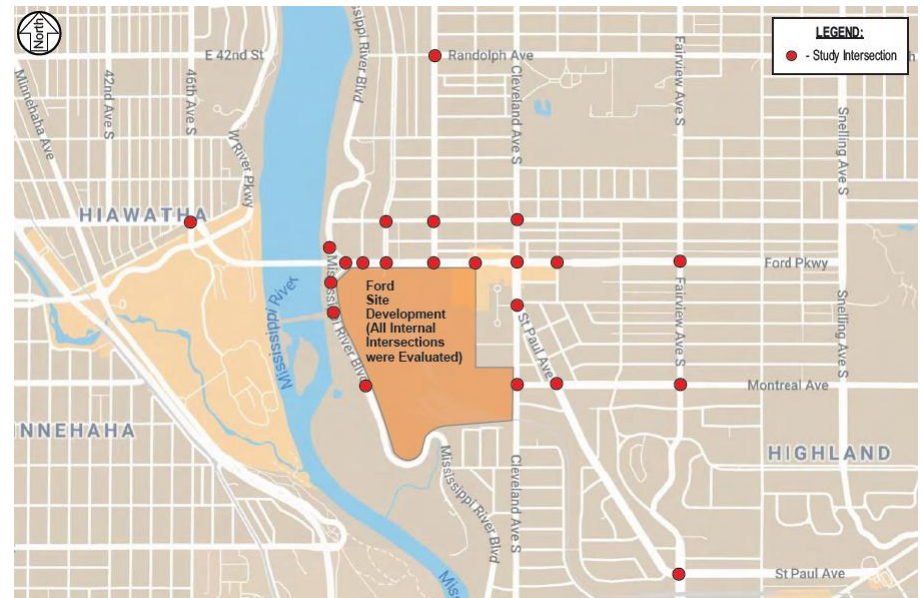
Highland District Council Transportation Committee – Tuesday July 9, 2019

Overview

- Study Area / Scope
- Data Collection
- Evaluation of Existing Conditions
- Trip Generation Forecasts
- Trip Distribution
- Evaluation of Future Conditions

Determine Study Area / Scope

- Size and Location of Development
- Access Locations
- Distribution and Dispersion of Traffic
- Coordinate with Impacted Jurisdictions
- Analysis Periods
- Build Scenarios



Data Collection

- Review availability and applicability of existing traffic counts
- Collect new traffic counts
- Review and document existing transportation infrastructure
- Obtain signal timing and phasing information
- Review future project and plans

Existing Condition Evaluation

- Analyze and evaluate operations of existing study intersections and transportation infrastructure
- Determine potential mitigations if appropriate
- Document findings

Trip Generation Forecasts

- Analysis Year – Typically 20 year
- No-Build and Build
- Determine Background Traffic Growth
- Develop Trip Generation Estimates
 - Base Generation
 - Trip Adjustments

Trip Distribution

- Determine Global Trip Distribution
- Allocate to Access Points / Internal Streets
- Determine any Anticipated Trip Diversion

Future Condition Evaluation

- Analyze and evaluate operations of study intersections and transportation infrastructure for each future condition scenario
- Determine potential mitigations if appropriate
- Document findings

Questions

