




Existing Conditions

An existing conditions evaluation was completed to understand the characteristics of the study corridor, users, and surrounding community.



Safety

Identify where crashes are occurring in the corridor, crash trends, and factors that may be contributing to high crash frequency and injury severity.




Traffic Operations

Analyze existing year (2022) and anticipated future year (2050) traffic operations to determine congestion and operational issues if no improvements were made to the corridor.



Access Spacing

Measure the distance between adjacent intersections to identify locations that do not meet minimum spacing requirements. Determine if the close spacing causes safety or operational concerns.



Geometrics

Evaluate the existing roadway design to determine if there are locations that do not meet current design standards, which could correlate to safety concerns or operational problems.




Bicycle / Pedestrian

Locate existing bicycle and pedestrian accommodations, determine bicycle level of stress, identify locations with high bicycle and pedestrian demands, and collect future multimodal plans.



Transit

Identify existing transit services along the corridor area and planned improvements to transit services.




Structures

Assess the existing condition of each bridge, box culvert, and retaining wall along the corridor. Determine anticipated repairs or replacements needed through the design year of 2050.



Land Use

Evaluate existing land use and future land use plan recommendations to understand the community setting surrounding the study corridor.



Drainage

Identify existing drainage crossings and review historical flooding along the corridor to determine locations with drainage and flooding concerns.

