

Study Purpose and Need Summary

Study Purpose

Accommodate existing and future travel demand with a focus on safety issues that affect travel on Stoughton Road.

Corridor Needs

Safety

579 TOTAL CRASHES

2 FATAL CRASHES

12 SERIOUS INJURY CRASHES

 **FOUR SEGMENT CRASH RATES EXCEED STATEWIDE AVERAGES**

CRASH DATA FROM 2017-2021

2 UNMARKED MID-BLOCK PEDESTRIAN CROSSING LOCATIONS

US 51 IDENTIFIED AS A HIGH STRESS CORRIDOR FOR BICYCLISTS

Travel Demand and Traffic Operations

POOR OPERATIONS:

6

INTERSECTIONS EXISTING YEAR 2022

9

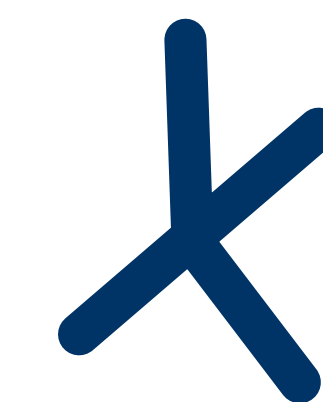
INTERSECTIONS FUTURE YEAR 2050

WORST PEAK HOUR MOVEMENT

Pavement

TWO LOCATIONS OF PAVEMENT CONDITIONS AT OR NEARING THE THRESHOLD FOR REPLACEMENT

Roadway Geometric Deficiencies



LARGE SKEW ANGLE AT US 51 AND US 151



SUBSTANDARD CURVES BETWEEN PIERSTORFF ST AND RIEDER RD

7

AREAS WITH HORIZONTAL ALIGNMENT DEFICIENCIES

18

AREAS WITH VERTICAL ALIGNMENT DEFICIENCIES

7

AREAS WITH STOPPING SIGHT DISTANCE DEFICIENCIES

10

AREAS WITH CROSS SECTION DEFICIENCIES

