

ALL - SR 501 & Fort Amanda Road

August 2024 Formal Safety Application

Recommendation:

- Convert two-way stop-controlled intersection to a single-lane roundabout

Project Funding: \$3,500,000

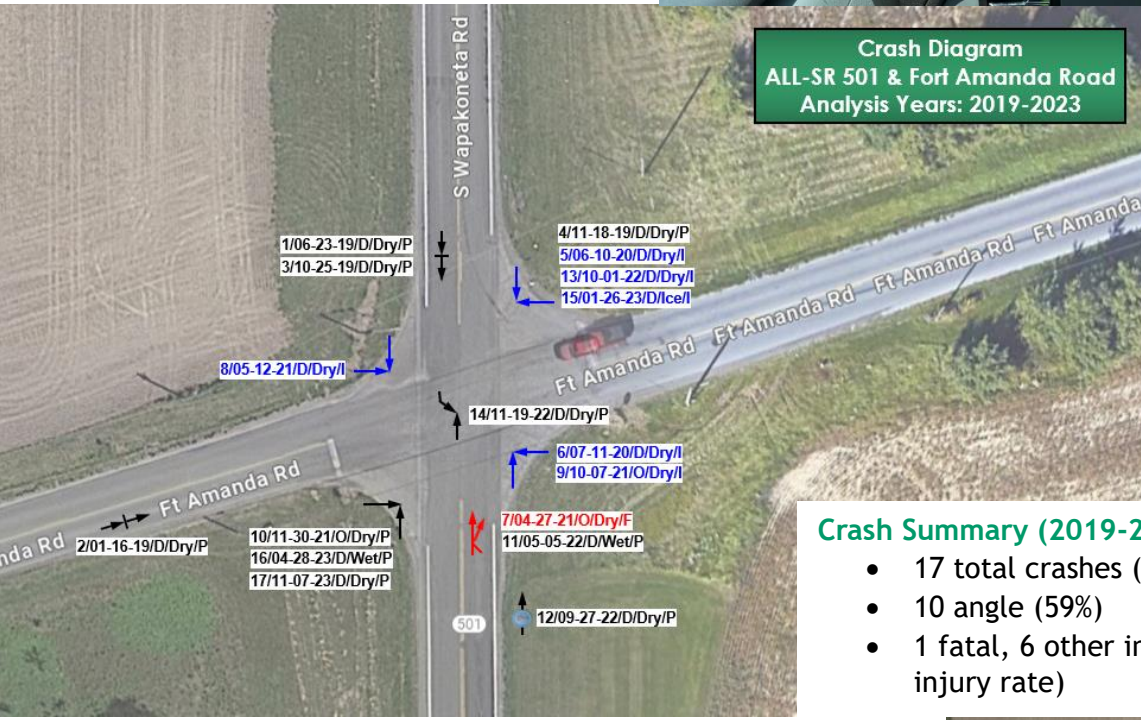
- Design - \$750,000 (FY 2025)
- Right of Way - \$50,000 (FY 2027)
- Construction - \$2,700,000 (FY 2029)



Crash Diagram
ALL-SR 501 & Fort Amanda Road
Analysis Years: 2019-2023

Existing Conditions:

- Dual stop signs with “Cross Traffic Does Not Stop” plaques
- Dual LED stop ahead signs
- Dual LED intersection warning signs



Crash Summary (2019-2023):

- 17 total crashes (3.4/year)
- 10 angle (59%)
- 1 fatal, 6 other injury (41% injury rate)



Application Score: 70

Category	Scoring Value	Points Awarded	Points Possible
Ratio of Observed Fatal and Serious Injuries to Observed Total Crashes	0.41	30	30
Percentage of the Potential for Safety Improvement to Total Expected Crashes	0.00%	0	20
Relative Severity Index	\$57,201.67	20	20
Equivalent Property Damage Only Index	5.87	20	20
Location Equity Measure	2.00%	0	10
Total:		70	100