

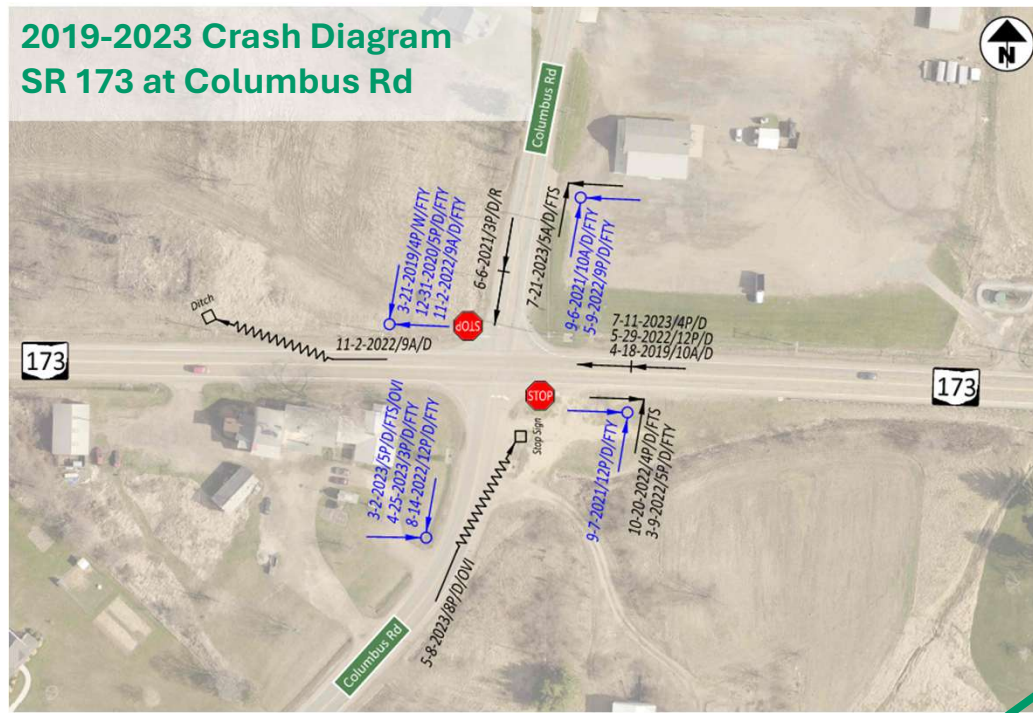
Key Messages:

Rising Crash Trend
66% of crashes occurred from 2022-2023

High Severity Location
50.0% Total Injury Rate (2019-2023)

Vulnerable Roadway Users
83.3% of all Angle Crashes
involved a Young or Older Driver

2019-2023 Crash Diagram SR 173 at Columbus Rd



OSOW Vehicle Accommodation

Severity	Frequency	%
Injury	9	50.00%
PDO	9	50.00%
Total	18	100%

Crash Type	Frequency	%
Angle	12	66.67%
Rear End	4	22.22%
Fixed Object	2	11.11%
Grand Total	18	100%

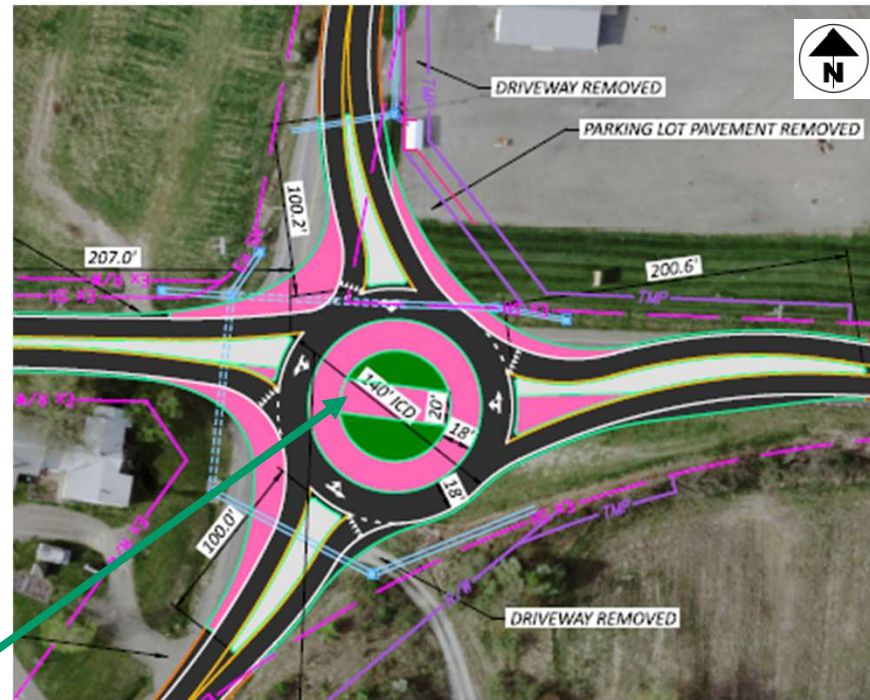
Crash Year	Frequency
2019	2
2020	1
2021	3
2022	7
2023	5

*3 Crashes in 2024

Proposed Improvement Single Lane Roundabout (140 ft ICD)

Safety Application Scoring:

Category	Value	Pts.
Observed KA/Total	0.17	30
% Improvement Potential	11.99%	8
Relative Severity Index	55,930.63	20
Equivalent PDO Index	5.90	20
Location Equity Measure	0.00%	0
Application Score		78



Columbus Rd

173

Project Description:

Convert the existing TWSC intersection to a single lane 140 ft ICD roundabout to address high frequencies of angle crashes caused by failure to yield.

Category	Safety Study	PE Env	PE DD	PE Row/ Utilities	Const.	Const. Eng.	Total
Fiscal Year	Complete	2027	2028	2028	2030	2030	
Previous Safety	\$31,132						\$31,132
New Safety		\$570,000	\$145,000	\$150,000	\$3,600,000		\$4,465,000
Sponsor Funding						\$360,000	\$360,000
Total	\$31,132	\$570,000	\$145,000	\$150,000	\$3,600,000	\$360,000	\$4,856,132

STA-173-1.85 Safety Study

Project One Page Summary | Fall 2025 Safety Application Round

ODOT District 4 | September 30, 2025



Department of Transportation

