

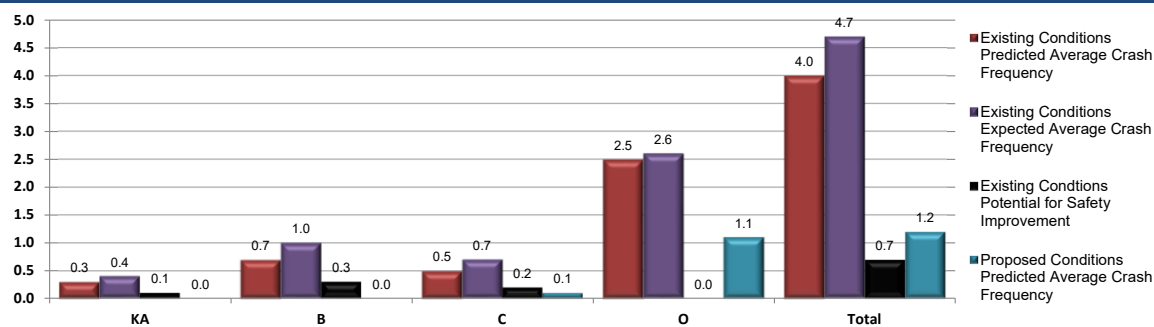


Project Safety Performance Report

General Information

Project Name	CLI US 22 @ SR-380/Creek Rd	Contact Email	brianne.hetzel@dot.ohio.gov
Project Description	Single lane roundabout	Contact Phone	513-933-6624
Reference Number		Date Performed	3/6/2025
Analyst	Bree Hetzel	Analysis Year	2025
Agency/Company	ODOT D8		

Summary of Anticipated Safety Performance of the Project (average crashes/year)



Project Summary Results (Without Animal Crashes)

	KA	B	C	O	Total
N_{predicted} - Existing Conditions	0.2930	0.7104	0.4731	2.5422	4.0187
N_{expected} - Existing Conditions	0.4242	1.0278	0.6847	2.5896	4.7263
N_{potential for improvement} - Existing Conditions	0.1312	0.3174	0.2116	0.0474	0.7076
N_{expected} - Proposed Conditions	0.0050	0.0415	0.0514	1.0942	1.1921

Existing Conditions Project Element Predicted Crash Summary (Without Animal Crashes)

Project Element ID	Common Name	Crash Severity Level			
		KA	B	C	O
US22: 2.62	US-22 @ SR-380/Creek	0.293	0.7104	0.4731	2.5422
		Total			
		4.0187			

Existing Conditions Project Element Expected Crash Summary (Without Animal Crashes)

Project Element ID	Common Name	Crash Severity Level			
		KA	B	C	O
US22: 2.62	US-22 @ SR-380/Creek	0.4242	1.0278	0.6847	2.5896
		Total			
		4.7263			

Existing Conditions Project Element Potential for Safety Improvement Summary (Without Animal Crashes)

Project Element ID	Common Name	Crash Severity Level			
		KA	B	C	O
US22: 2.62	US-22 @ SR-380/Creek	0.1312	0.3174	0.2116	0.0474
		Total			
		0.7076			

Proposed Conditions Project Element Predicted Crash Summary (Without Animal Crashes)

Project Element ID	Common Name	Crash Severity Level			
		KA	B	C	O
US22: 2.62	US-22 @ SR-380/Creek Rd	0.005	0.0415	0.0514	1.0942
		Total			
		1.1921			

Summary by Crash Type

Crash Type	Existing		PSI	Proposed
	Predicted Crash Frequency	Expected Crash Frequency		Predicted Crash Frequency
Unknown	0.0186	0.0200	0.0014	0.0341
Head On	0.0406	0.0501	0.0095	0.0010
Rear End	1.0095	1.0988	0.0893	0.1813
Backing	0.1900	0.1856	-0.0044	0.0111
Sideswipe - Meeting	0.1373	0.1548	0.0175	0.0000
Sideswipe - Passing	0.2136	0.2249	0.0113	0.3744
Angle	1.8025	2.0962	0.2937	0.3362
Parked Vehicle	0.1681	0.1683	0.0002	0.0000
Pedestrian	0.0230	0.0302	0.0072	0.0010
Animal	0.0000	0.0000	0.0000	0.0121
Train	0.0008	0.0010	0.0002	0.0000
Pedalcycles	0.0174	0.0221	0.0047	0.0010
Other Non-Vehicle	0.0003	0.0005	0.0002	0.0000
Fixed Object	0.7924	0.8539	0.0615	0.1204
Other Object	0.0276	0.0277	0.0001	0.0000
Overtaking	0.0478	0.0584	0.0106	0.0010
Other Non-Collision	0.0626	0.0642	0.0016	0.0231
Left Turn	0.1716	0.1985	0.0269	0.0261
Right Turn	0.0000	0.0000	0.0000	0.0814