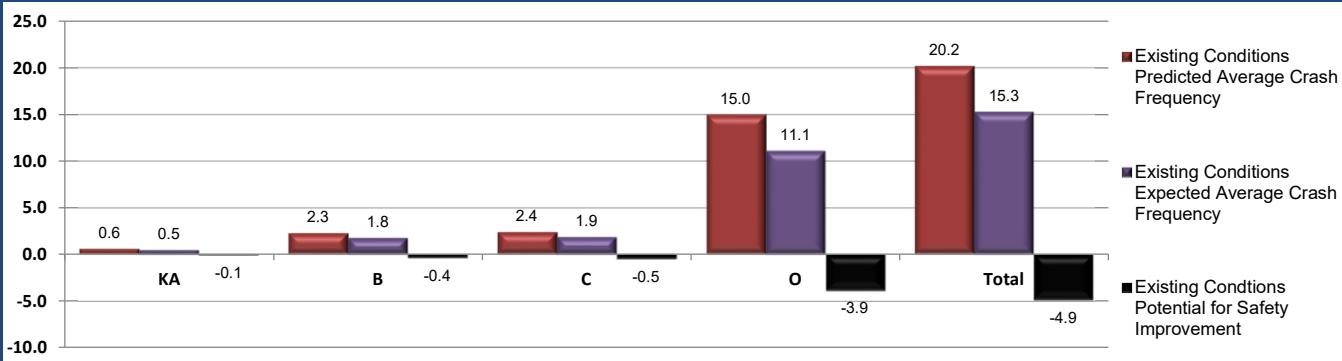


Project Safety Performance Report

General Information

Project Name	MUS 146	Contact Email	
Project Description	Existing Conditions	Contact Phone	
Reference Number		Date Performed	7/30/2024
Analyst	NN	Analysis Year	2024
Agency/Company	WSP		

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	0.5856	2.2512	2.3921	15.0058	20.2347
N_{expected} - Existing Conditions	0.4806	1.8464	1.8974	11.1133	15.3377
N_{potential for improvement} - Existing Conditions	-0.1050	-0.4048	-0.4947	-3.8925	-4.8970



Project Safety Performance Report

General Information

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Analyst	NN	Analysis Year	2024
Agency/Company	WSP		

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

Project Element ID	Common Name	Crash Severity Level				
		KA	B	C	O	Total
SR146: 10.467-11.01	SR146	0.0893	0.2336	0.1102	0.6499	1.083
SR146: 10.467	SR146 & Northpointe Dr	0.0341	0.2086	0.1745	1.7737	2.1909
SR146: 10.679	SR146 & Dillon School Dr (S)	0.1158	0.3354	0.2442	1.4495	2.1449
SR146: 10.695	SR146 & Dillon School Dr (N)	0.3464	1.4736	1.8632	11.1327	14.8159



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

Project Element ID	Common Name	Crash Severity Level				
		KA	B	C	O	Total
SR146; 10.467-11.01	SR146	0.0849	0.2224	0.1049	0.881	1.2932
SR146; 10.467	SR146 & Northpointe Dr	0.0407	0.249	0.2085	3.9388	4.437
SR146; 10.679	SR146 & Dillon School Dr (S)	0.0994	0.2879	0.2096	1.1057	1.7026
SR146; 10.695	SR146 & Dillon School Dr (N)	0.2556	1.0871	1.3744	5.1878	7.9049



Project Safety Performance Report

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Agency/Company	WSP		

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

Project Element ID	Common Name	Crash Severity Level				
		KA	B	C	O	Total
SR146; 10.467-11.01	SR146	-0.0044	-0.0112	-0.0053	0.2311	0.2102
SR146; 10.467	SR146 & Northpointe Dr	0.0066	0.0404	0.034	2.1651	2.2461
SR146; 10.679	SR146 & Dillon School Dr (S)	-0.0164	-0.0475	-0.0346	-0.3438	-0.4423
SR146; 10.695	SR146 & Dillon School Dr (N)	-0.0908	-0.3865	-0.4888	-5.9449	-6.911



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Project Safety Performance Report

General Information

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Summary by Crash Type

Crash Type	Existing		Proposed
	Predicted Crash Frequency	Expected Crash Frequency	PSI
Unknown	0.0322	0.0241	-0.0081
Head On	0.1729	0.1468	-0.0261
Rear End	8.3064	6.0794	-2.2270
Backing	0.8649	0.5644	-0.3005
Sideswipe - Meeting	0.4771	0.3291	-0.1480
Sideswipe - Passing	1.3909	1.1321	-0.2588
Angle	3.6527	2.5491	-1.1036
Parked Vehicle	0.6592	0.3811	-0.2781
Pedestrian	0.1553	0.1117	-0.0436
Animal	0.7469	0.9993	0.2524
Train	0.0005	0.0006	0.0001
Pedalcycles	0.1208	0.1063	-0.0145
Other Non-Vehicle	0.0005	0.0004	-0.0001
Fixed Object	2.3886	2.1884	-0.2002
Other Object	0.0912	0.0962	0.0050
Overturning	0.1614	0.1545	-0.0069
Other Non-Collision	0.2114	0.2440	0.0326
Left Turn	1.4843	1.0909	-0.3934
Right Turn	0.0644	0.1386	0.0742