

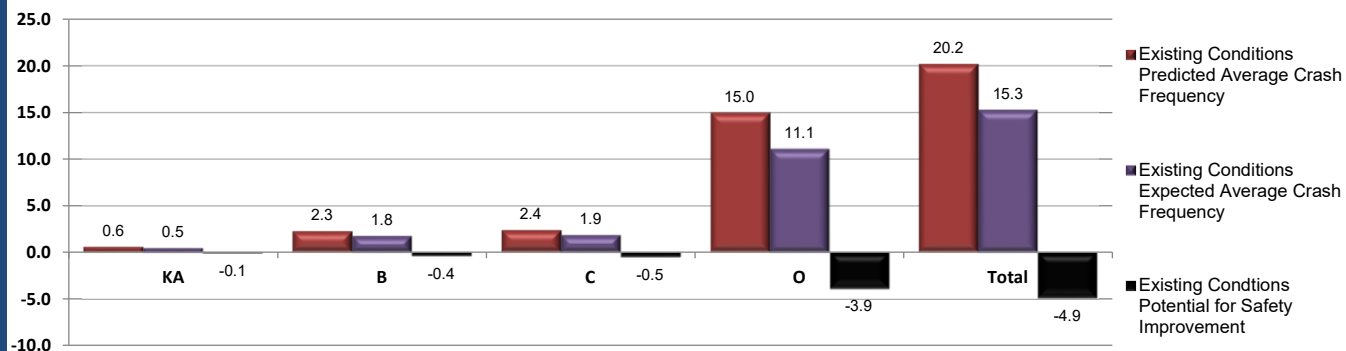


Project Safety Performance Report

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

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		

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




ECAT
Economic Crash Analysis Tool

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		

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

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		

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



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		



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 by Crash Type

Crash Type	Existing			Proposed
	Predicted Crash Frequency	Expected Crash Frequency	PSI	Expected Crash Frequency
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	
Overtaking	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	