## SAFETY APPLICATION SUMMARY ODOT District 9

ADA-32-6.27-SR 247 (RCUT) & ADA-32-6.66-Tranquility Pike (Closure w Access Road)



## Crash Statistics (2019-2023)

- 19 total crashes
- 15 injury crashes
- 10 angle crashes (53% of total crashes)

Benefit / Total Project Cost Ratio	0.42
Benefit / Safety Funding	0.37
Request Ratio	0.37

Category	Scoring Value	Points Awarded	Points Possible
Ratio of Observed Fatal and Serious Injuries to Observed Total Crashes	0.42	30	30
Percentage of the Potential for Safety Improvement to Total Expected Crashes	0.00%	0	20
Relative Severity Index	49,816.67	20	20
Equivalent Property Damage Only Index	4.67	16	20
Location Equity Measure	24.56%	6	10
	Total	72	100

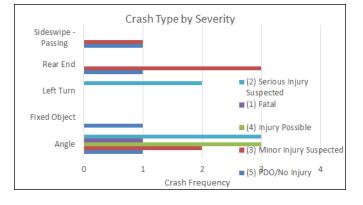
Project Funding					
Project Phase	PE - Detailed Design & Env.	ROW/ Utilities	Construction Engineering	Construction	Total
Fiscal Year	2026			2028	
Previous Safety					\$0.00
New Safety	\$746,219	\$350,507	\$288,310	\$2,883,109	\$4,268,147
Sponsor Funding					
Total	\$746,219	\$350,507	\$288,310	\$2,883,109	\$4,268,147

## Crash Data (2019-2023)

Crash Severity	→¹ Crashes	%
(1) Fatal	1	5.26%
(2) Serious Injury Suspected	5	26.32%
(3) Minor Injury Suspected	6	31.58%
(4) Injury Possible	3	15.79%
(5) PDO/No Injury	4	21.05%
Grand Total	19	100.00%

Crash Type	$\downarrow \downarrow$	Crashes	%
Angle		10	52.63%
Rear End		4	21.05%
Sideswipe - Passing		2	10.53%
Left Turn		2	10.53%
Fixed Object		1	5.26%
Grand Total		19	100.00%

Year	Crashes	%
2019	4	21.05%
2020	2	10.53%
2021	3	15.79%
2022	2	10.53%
2023	8	42.11%
Grand Total	19	100 00%



## Description

• An RCUT intersection design with an open median is recommended to be constructed at this intersection. The implementation of an RCUT is expected to mitigate the primary crash concern of angle crashes at the intersection. It is expected ECAT is underrepresenting the safety benefit of the RCUT. The Tranquility Pike intersection closure will have traffic be directed to the new RCUT at the SR32/ SR247 intersection. The new Burnt Cabin access road will allow large truck traffic to still access northbound Tranquility Pike.



**Proposed Conditions**