

SAFETY APPLICATION SUMMARY

ODOT District 9

PIK-32-13.72 (SR 104)

RCUT



OHIO DEPARTMENT OF
TRANSPORTATION

PIK-32-13.72 (SR 104) PID TBD Project Funding

Project Phase	Design % Funding	PE - Environmental	PE - Detailed Design	Right of Way/Utilities % Funding	Right of Way /Utilities	Construction % Funding	Construction	CE % Funding	Construction Engineering	Total
Fiscal Year		2027	2028				2028			
Safety	100%	\$344,017.67	\$147,436.15			100%	\$2,047,724.25	100%	\$204,772.43	\$2,743,950.50
Sponsor Funding	0%	\$0.00	\$0.00			0%	\$0.00	0%	\$0.00	\$0.00
Total		\$344,017.67	\$147,436.15				\$2,047,724.25			\$2,743,950.50

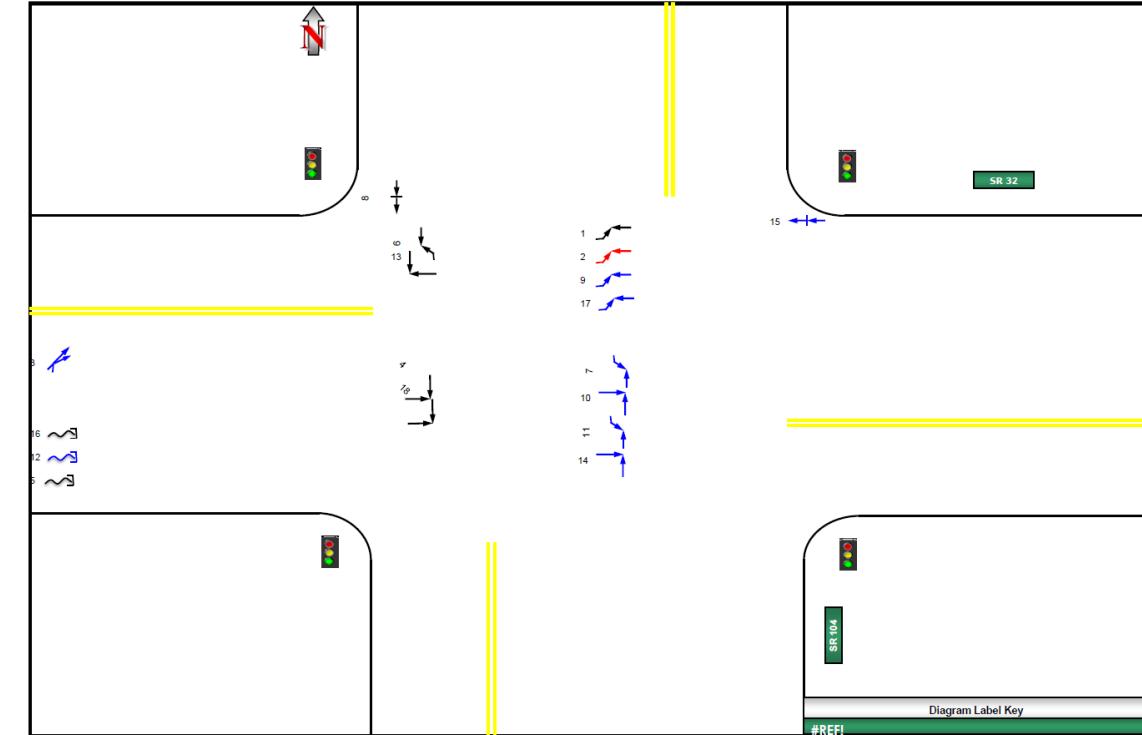
Crash Statistics (2019-2023)

- 18 Total Crashes
- 10 injury crashes (56% of total crashes)
 - 1 fatal, 2 serious injury crashes
- 12 left turn/angle crashes (64% of total crashes)

Benefit /
Total Project Cost Ratio

0.11

Crash Diagram (2019-2023)



Application Scoring

Category	Scoring Value	Points Awarded	Points Possible
Ratio of Observed Fatal and Serious Injuries to Observed Total Crashes	0.17	30	30
Percentage of the Potential for Safety Improvement to Total Expected Crashes	46.96%	20	20
Relative Severity Index	52,404.10	20	20
Equivalent Property Damage Only Index	3.30	10	20
Location Equity Measure	33.63%	10	10
Total	90	100	

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 left/turn angle crashes at the intersection. It is expected ECAT is under-representing the safety benefit of the RCUT.
- The presence of two sets of bridge structures requires a unique RCUT design not typically found on District 9 RCUTs.



Proposed Conditions