

SAFETY APPLICATION SUMMARY

ODOT District 9

ROS-50-19.45 (Veteran's Parkway)

Turboroundabout



Crash Statistics (2018-2022)

- 34 Total Crashes
- 12 injury crashes total
- 16 left turn/angle crashes
- 2 head-on collisions (left turn related)

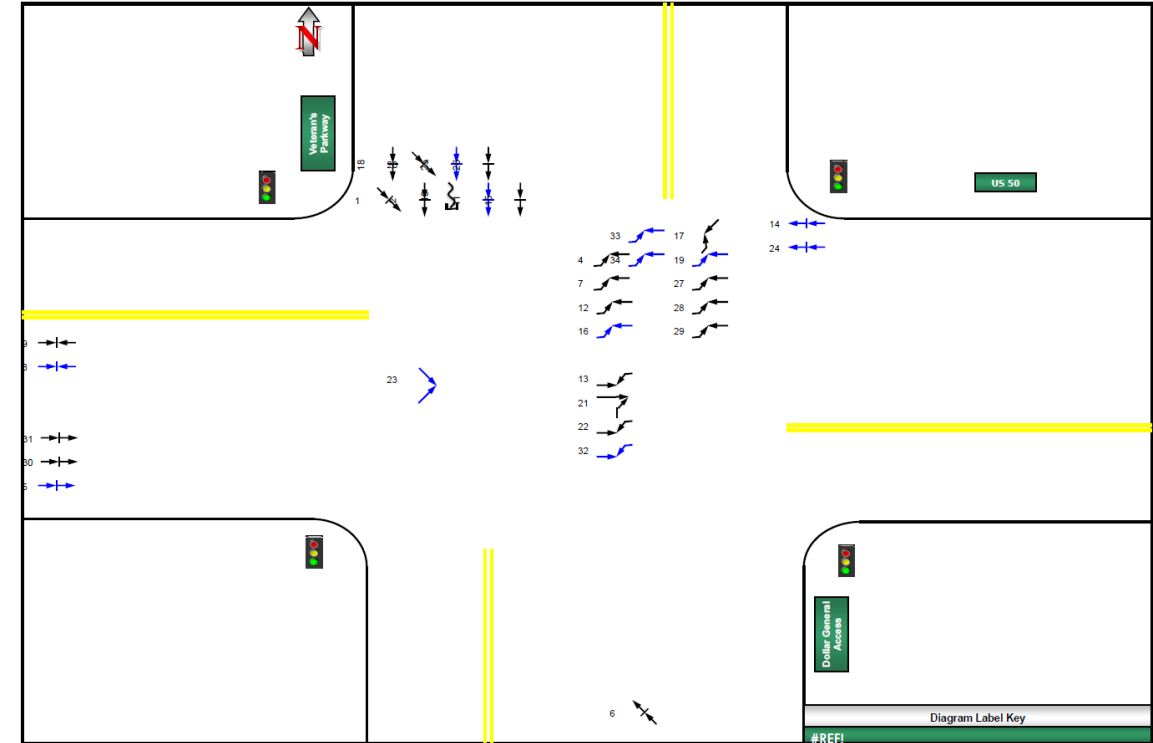
Benefit / Total Project Cost Ratio	0.92
Benefit / Safety Funding Request Ratio	1.18

Crash Diagram (2018-2022)

Category	Scoring Value	Points Awarded	Points Possible
Ratio of Observed Fatal and Serious Injuries to Observed Total Crashes	0.00	0	30
Percentage of the Potential for Safety Improvement to Total Expected Crashes	9.23%	6	20
Relative Severity Index	46,240.35	20	20
Equivalent Property Damage Only Index	3.53	12	20
Location Equity Measure	14.51%	2	10
Total		40	100

Project Funding

Project Phase	PE - Preliminary Design	PE - Detailed Design	ROW/ Utilities	Construction	Total
Fiscal Year	2025	2027	2026	2028	
Previous Safety					\$0.00
New Safety	\$463,272	\$198,545	\$171,875	\$1,585,694	\$2,419,386
Sponsor Funding				\$1,000,000	\$1,000,000
Total	\$463,272	\$198,545	\$171,875	\$2,585,694	\$3,419,386



Description

- Based on the crash report investigation resulting in an angle/left turn crash pattern being identified, a turboroundabout is being proposed at this intersection. The turboroundabout is expected to mitigate the primary crash pattern identified at the intersection. The turboroundabout type is needed to address traffic levels in future years.



Proposed Conditions