



Lafayette Boulevard Comprehensive Study

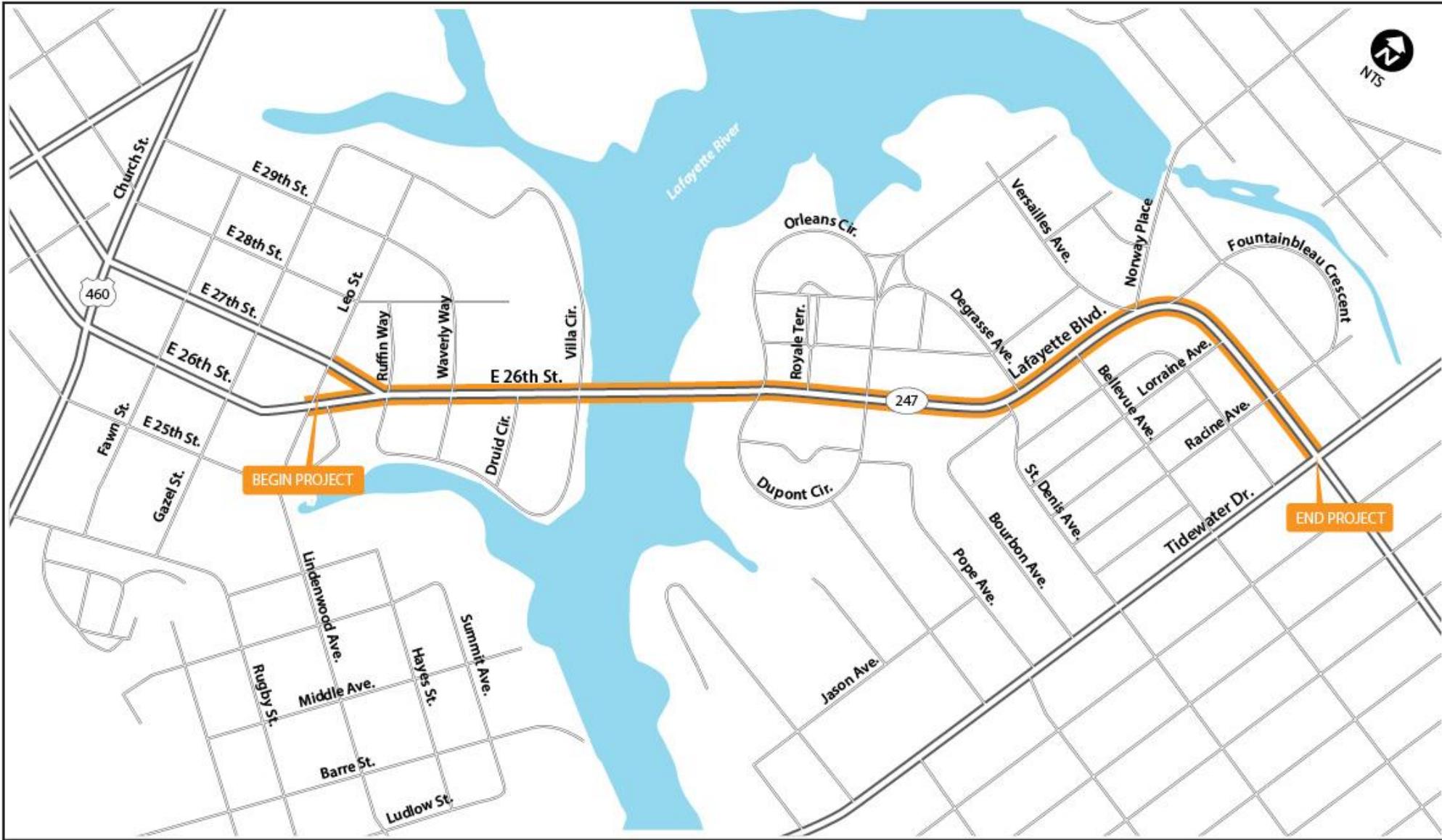


Lafayette Boulevard Comprehensive Study

Evaluation and determination of planning-level concepts for safety improvements from Leo Street to Tidewater Drive. Potential improvements include:

- Lane repurposing
- Adding left turn lanes
- Closing median openings
- Pedestrian improvements

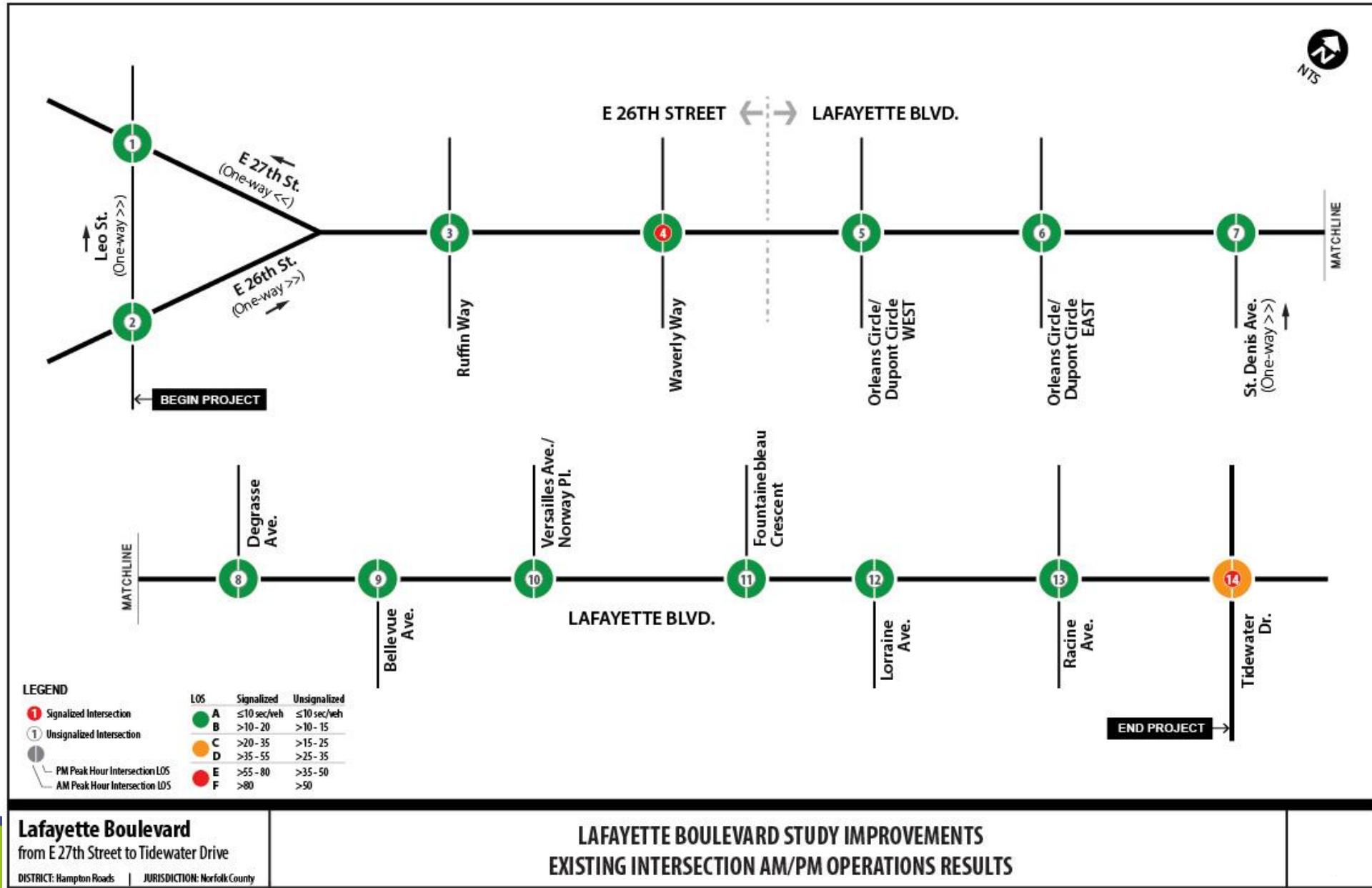
Study Area



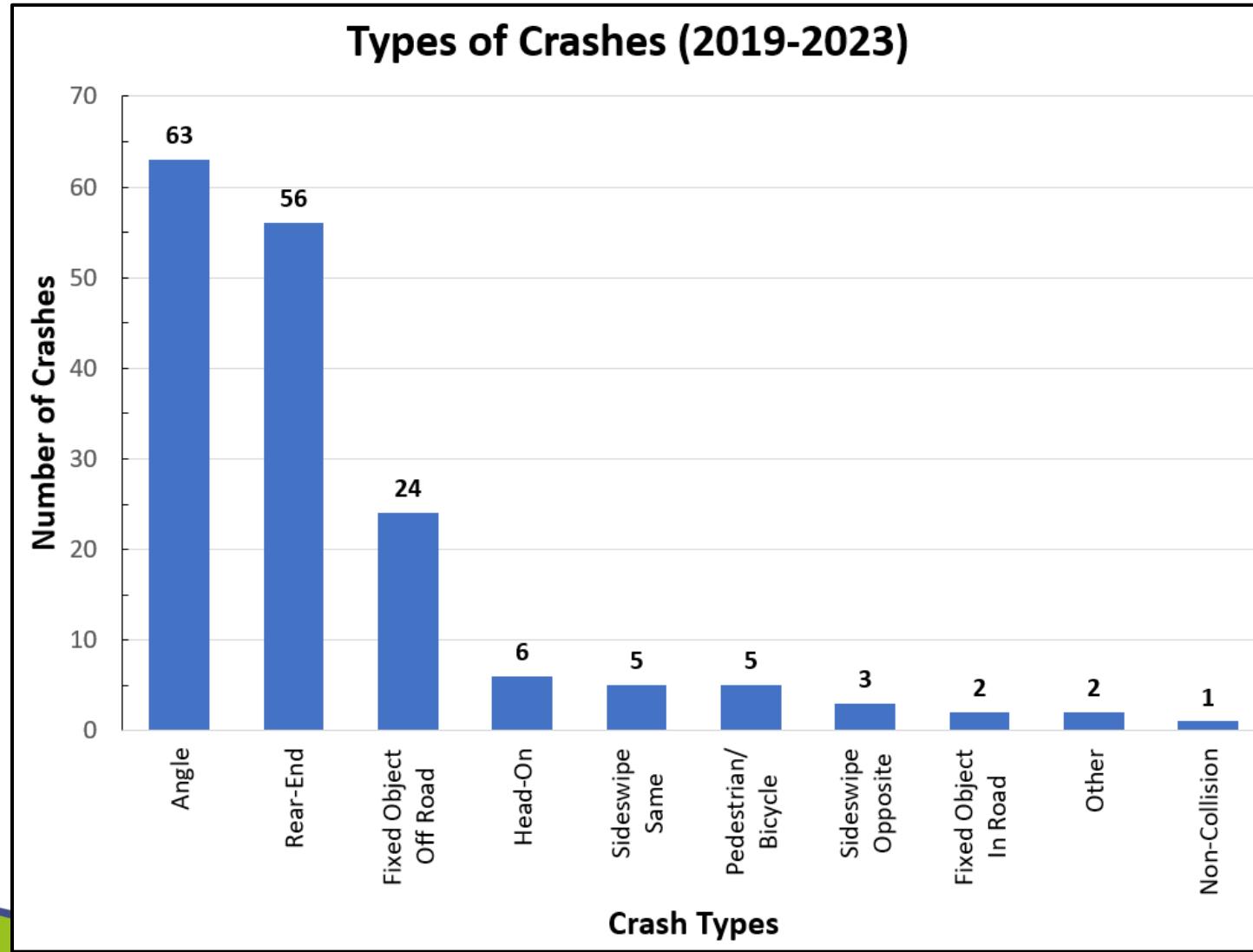
Lafayette Boulevard
from E 27th Street to Tidewater Drive
DISTRICT: Hampton Roads | JURISDICTION: Norfolk County

LAFAYETTE BOULEVARD FROM E 27TH STREET TO TIDEWATER DRIVE STUDY IMPROVEMENTS

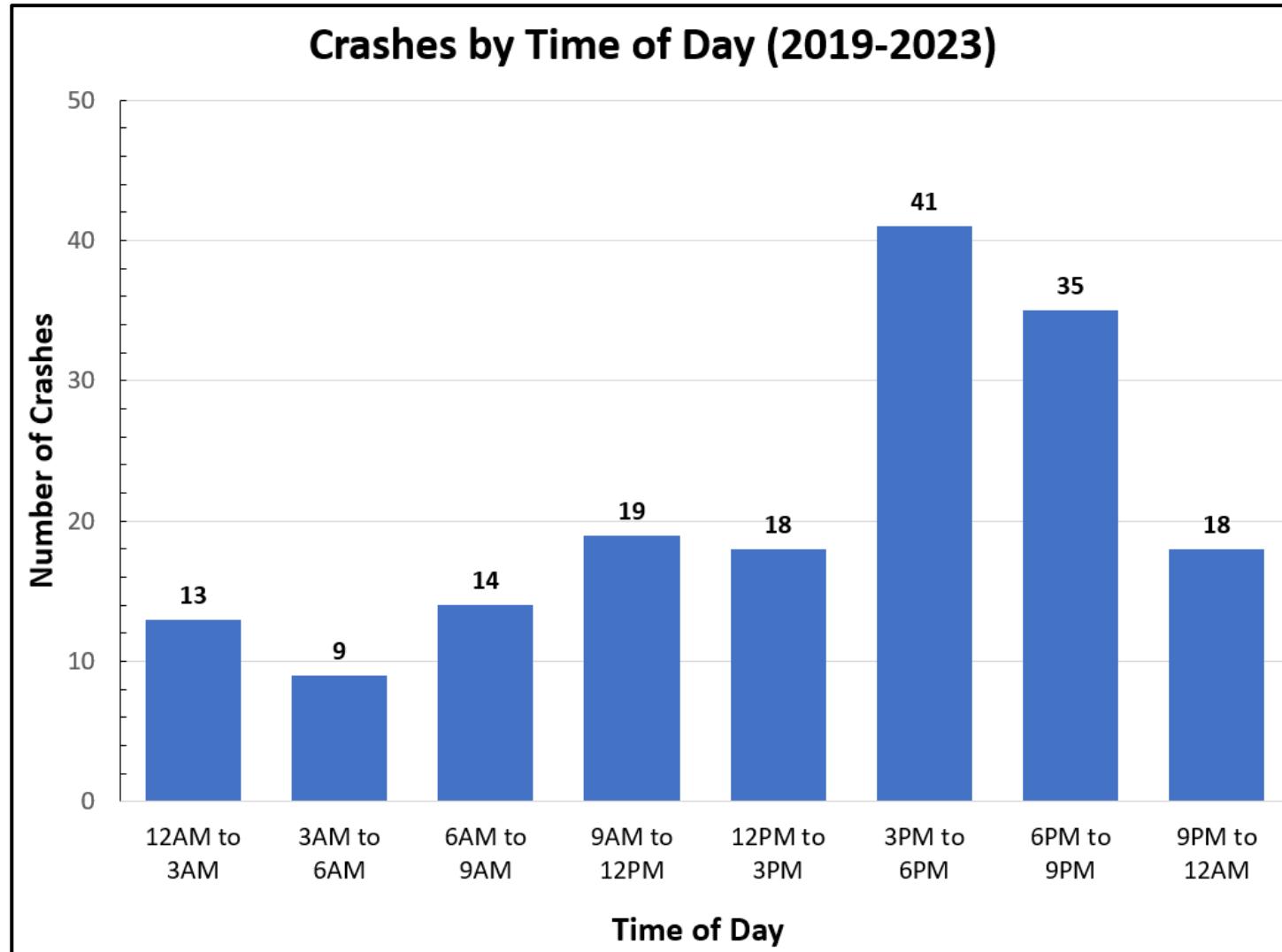
Existing Traffic Analysis



Existing Safety Analysis



Existing Safety Analysis



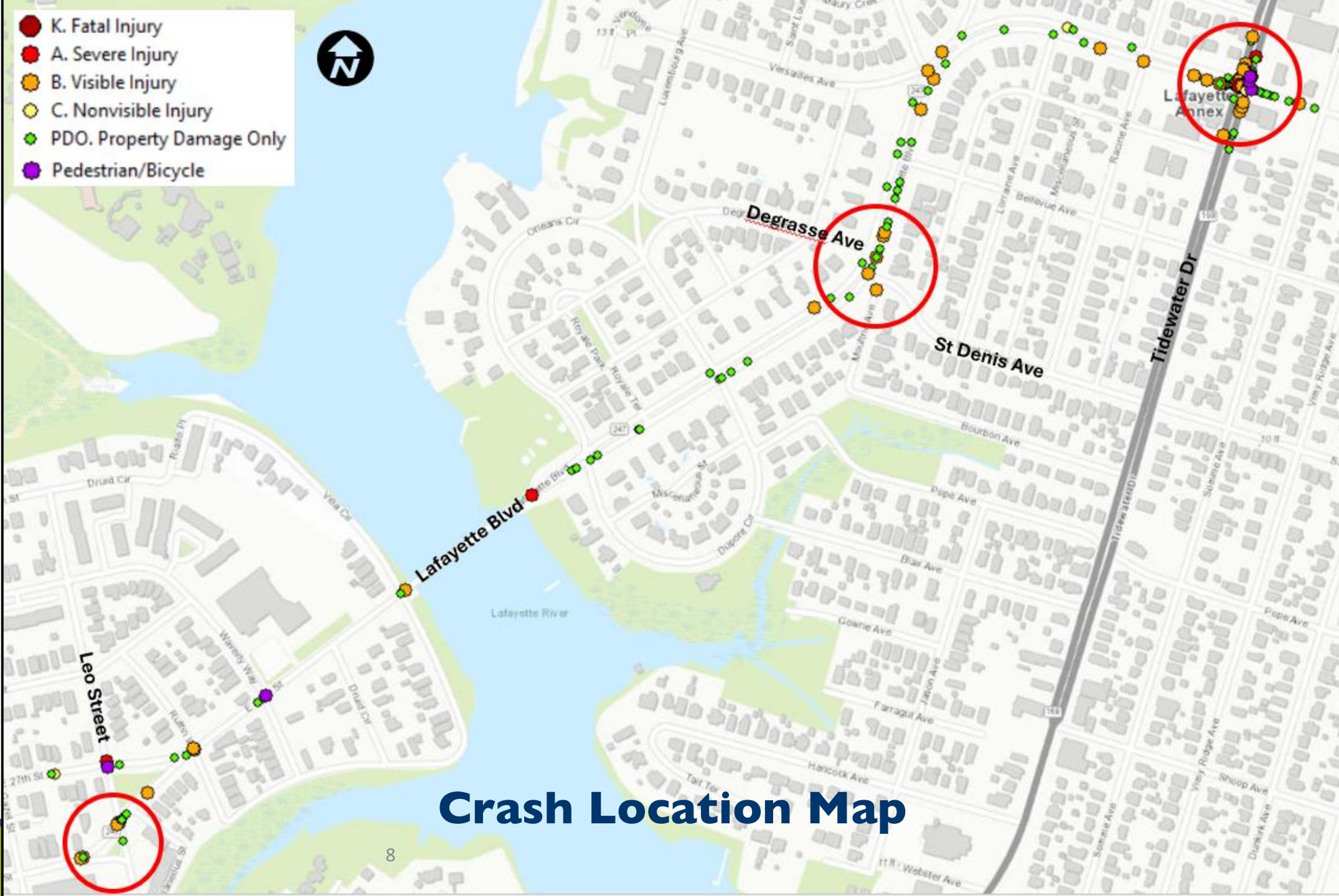
Crash Location Hot-Spots

Intersection	5-Year Crash Total	Crashes/ Year	Fatal Crashes	Injury Crashes	PDO Crashes	Angle Crashes	Rear-End Crashes	Fixed Object Off-Road Crashes	Bike/Ped Crashes
Tidewater Drive	84	16.8	3	29	52	37	30	5	3
Degrasse Ave/St Denis Ave	13	2.6	0	5	8	1	4	5	0
E. 26 th Street & Leo Street	12	2.4	0	4	8	6	1	3	0
Versailles Ave/Norway Pl	7	1.4	0	4	3	3	0	2	0
Bellevue Avenue	7	1.4	0	0	7	0	4	3	0
Lorraine Avenue	6	1.2	0	1	5	0	6	0	0
Racine Avenue	4	0.8	0	3	1	2	1	1	0
E. 27th Street & Leo Street	4	0.8	0	2	2	2	1	0	1
E. 26th Street & Ruffin Way	4	0.8	0	2	2	3	0	1	0
E. 26th Street & Waverly Way	4	0.8	0	1	3	2	1	0	1
Dupont Circle/Orleans Circle West	4	0.8	0	0	4	2	2	0	0
Dupont Circle/Orleans Circle East	4	0.8	0	0	4	2	1	1	0
Villa Circle	2	0.4	0	1	1	1	1	0	0
Royale Terrace	2	0.4	0	0	2	0	2	0	0
Fontainebleau Crescent	1	0.2	0	0	1	1	0	0	0
TOTALS	158	31.6	3	52	103	62	54	21	5

- K. Fatal Injury
- A. Severe Injury
- B. Visible Injury
- C. Nonvisible Injury
- PDO. Property Damage Only
- Pedestrian/Bicycle



Crash Location Map

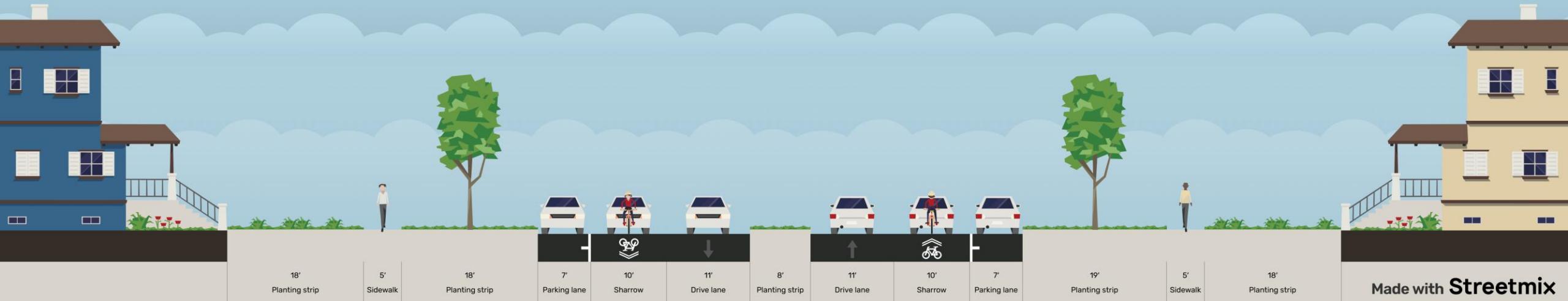


Field Observations



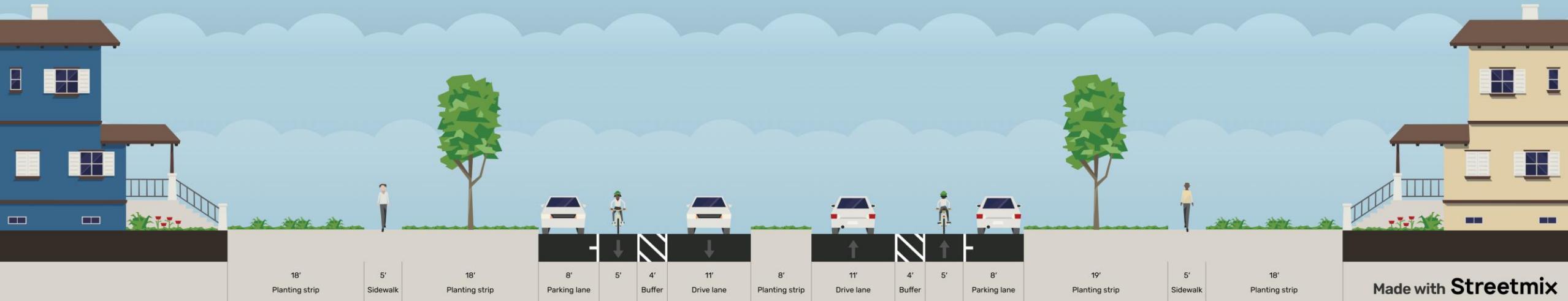
Existing Typical Section

Existing Lafayette Boulevard



Potential Typical Section

Potential Lafayette Boulevard



Additional Improvements

- Adding left turn lanes at median openings
 - Reduce rear end and angled crashes
 - Better visibility
 - Improve traffic flow
- Closing median openings at select locations
 - Reduce crash risks
 - Improve traffic flow
 - Improve pedestrian safety
- Pedestrian improvements for consistency/safety
- Lighting analysis and improvements



Next Steps

- Review input from tonight's meeting and associated online survey
 - Identify corridor improvements
 - Determine best locations to close medians
 - Determine best locations for pedestrian improvements
- Conduct future traffic operations and safety analysis of alternatives
- Develop preliminary design report / conceptual plans
- Develop planning-level cost estimates