

Washington & 11th Improvements

TransPOL; April 19, 2018

Scope, Schedule & Budget

Roundabout at Washington/Bridge

- Reduce delays/queues; especially at peak hour, 30% design complete

Washington and 11th

- Complete street reconstruction Separated bike lanes and new ADA compliant sidewalks

Regional and Countywide Ask

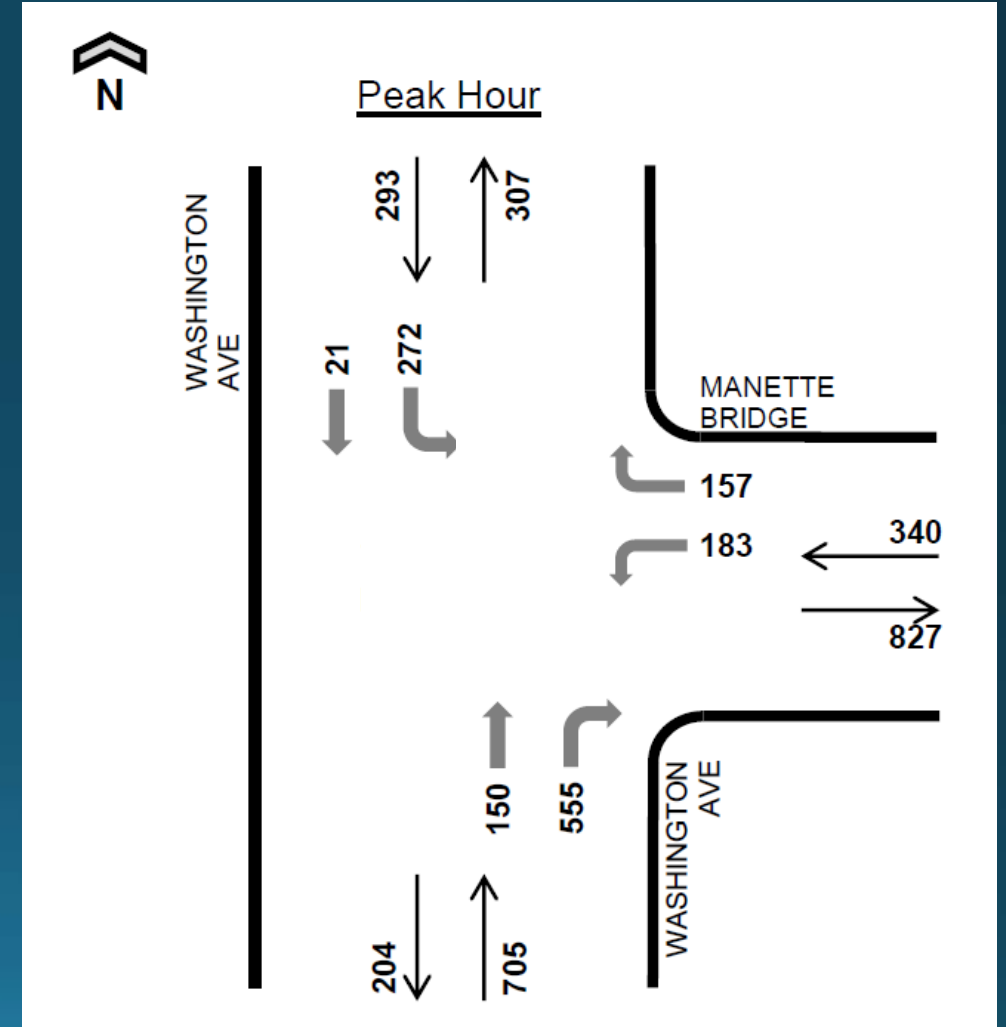
- Project cost = \$4.8M
- STP \$4,152,000, match \$648,000
- Design 2021, Construction 2022



Traffic Volumes/Patterns

	AM Peak Hour		Midday		PM Peak Hour	
	2018 Existing	2040 Future	2018 Existing	2040 Future	2018 Existing	2040 Future
Intersection Level of Service and Delay (sec.) - Overall Intersection Average						
Traffic Signal	C / 24	C / 27	B / 16	C / 21	F / 80*	F / 106*
Roundabout	A / 5	A / 5	A / 4	A / 4	A / 8	B / 14
Intersection Level of Service and Delay (sec.) - Northbound Approach						
Traffic Signal	B / 14	B / 19	A / 7	B / 11	F / 90*	F / 106*
Roundabout	A / 2	A / 2	A / 2	A / 2	B / 11	C / 21
LOS A or B						
LOS C or D						
LOS E or F						
Queue Lengths (feet)						
Westbound						
Traffic Signal	250	350	100	150	275	400
Roundabout	100	125	25	50	75	75
Northbound						
Traffic Signal	100	150	75	125	1,625*	2,975*
Roundabout	25	25	25	50	375	675
Southbound						
Traffic Signal	50	75	75	100	425	1,350*
Roundabout	25	25	25	25	50	50

*Traffic volumes exceed intersection capacity, queue could be longer



Questions

