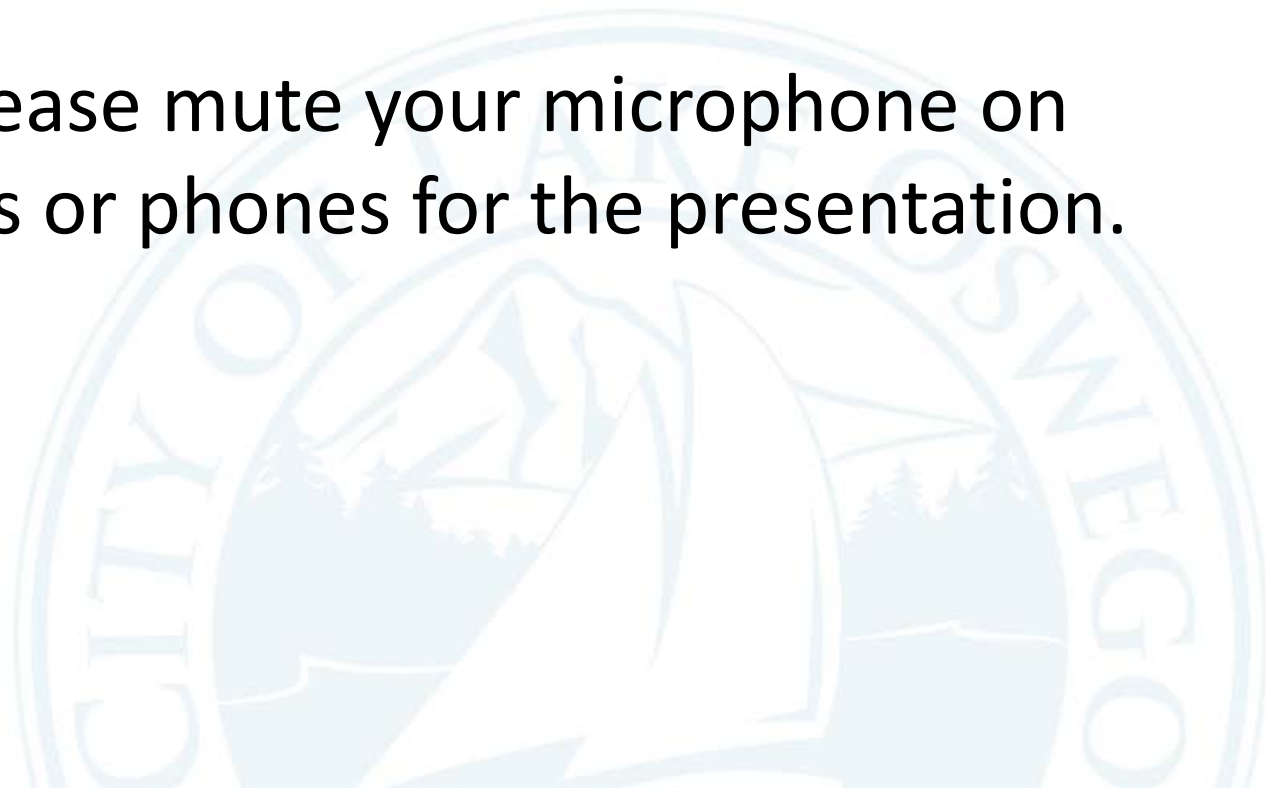


WELCOME

THE PRESENTATION WILL START MOMENTARILY.

REMINDER - Please mute your microphone on your computers or phones for the presentation.

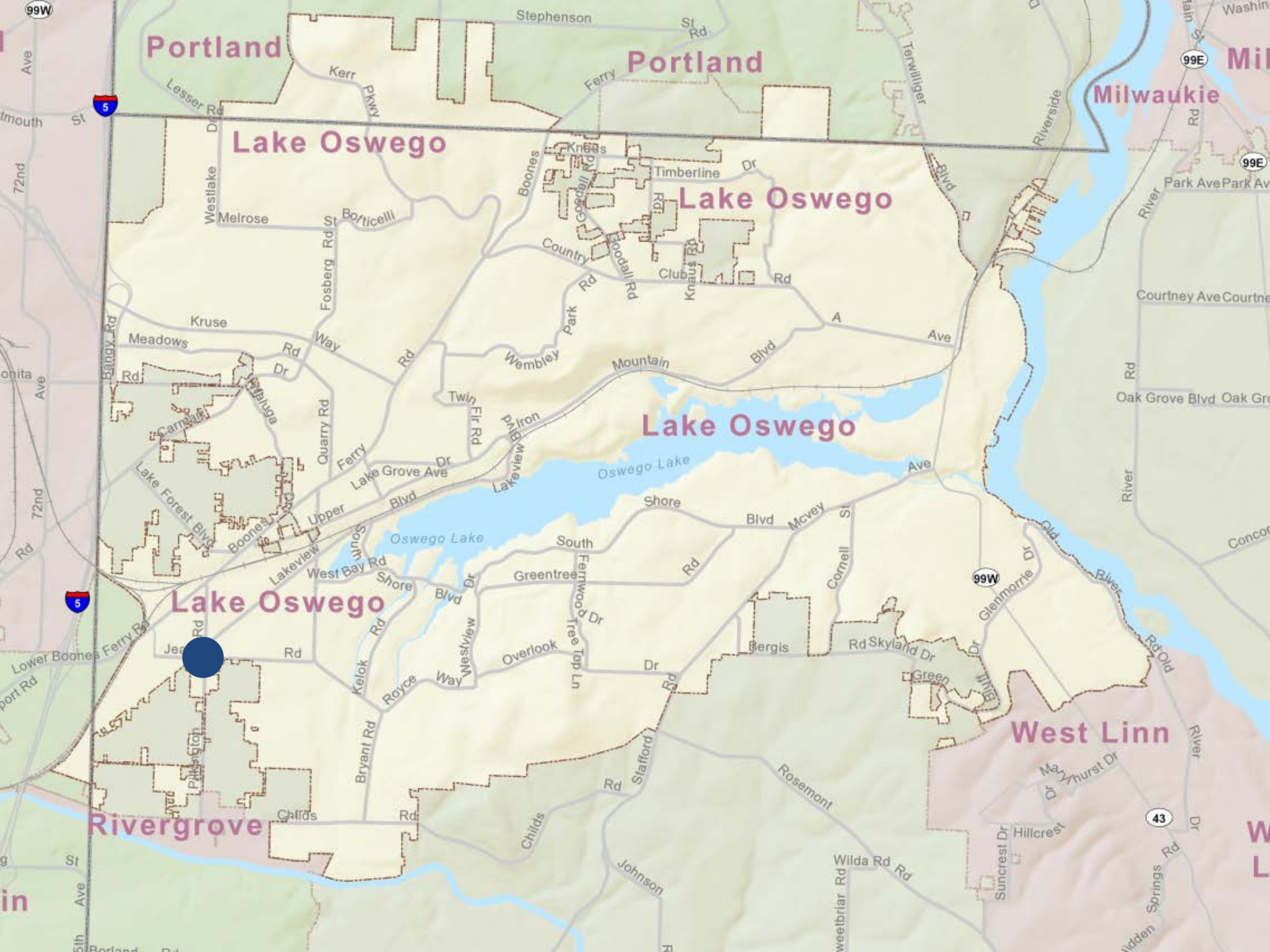


ENGINEERING



Jean Rd/Pilkington Intersection Improvements Open House

A u g u s t 1 2 , 2 0 2 0



Portland

Portland

Milwaukie

Lake Oswego

Lake Oswego

Lake Oswego

Lake Oswego

West Linn

Rivergrove





Background

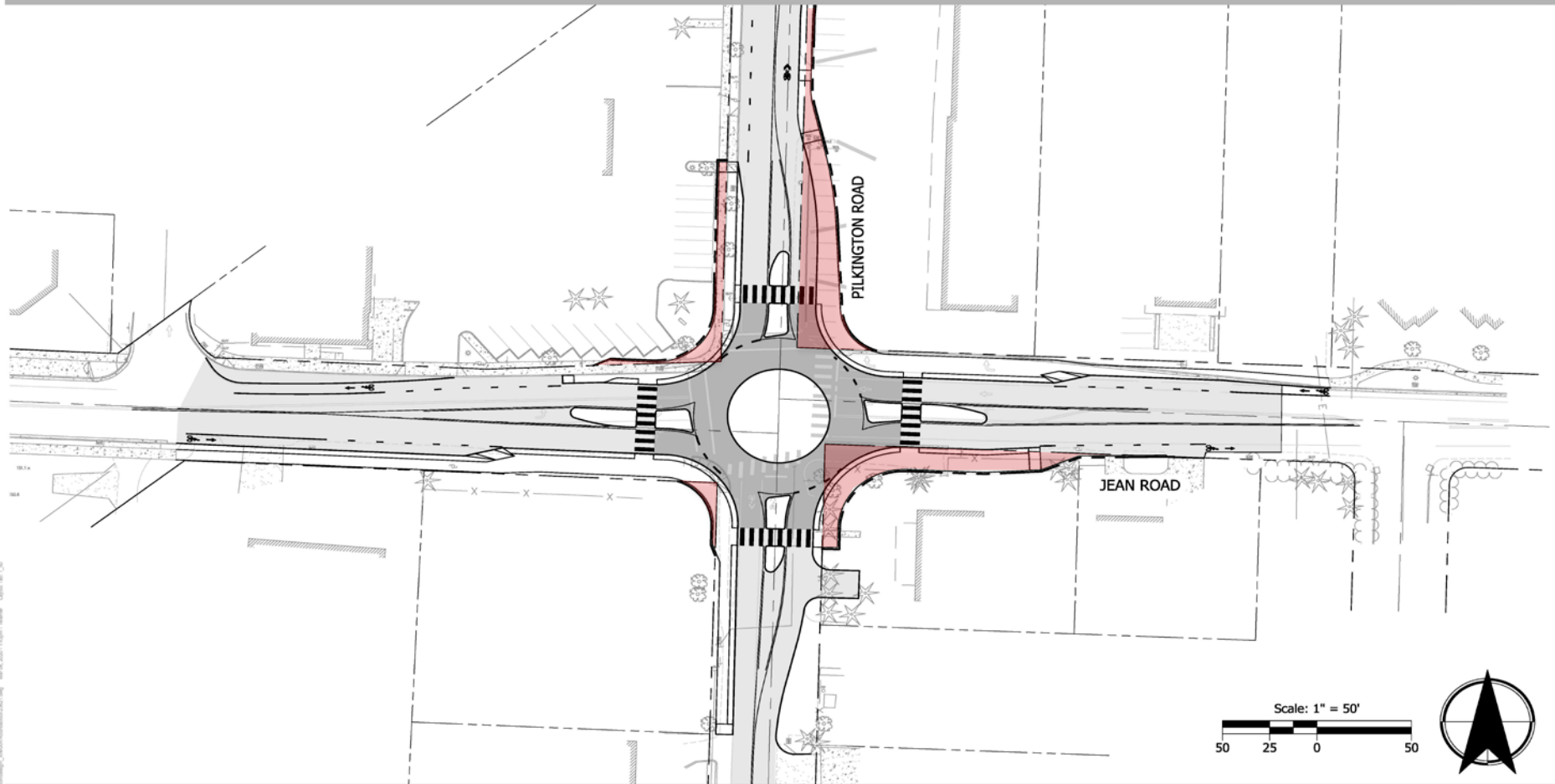
- 2017 Traffic Signal Assessment
- 2020 Intersection Control Evaluation Report. Analyzes three options:
 - No Build
 - Signal
 - Mini Roundabout



Level of Service

	Level of Service (Average delay in seconds) Weekday AM Peak Hour		
Intersection Control	No-Build	Alt 1: Traffic Signal	Alt 2: Mini-Roundabout
2019	E (47.4)	B (14.8)	B (12)
2040	F (126.6)	B (17.8)	C (18.1)

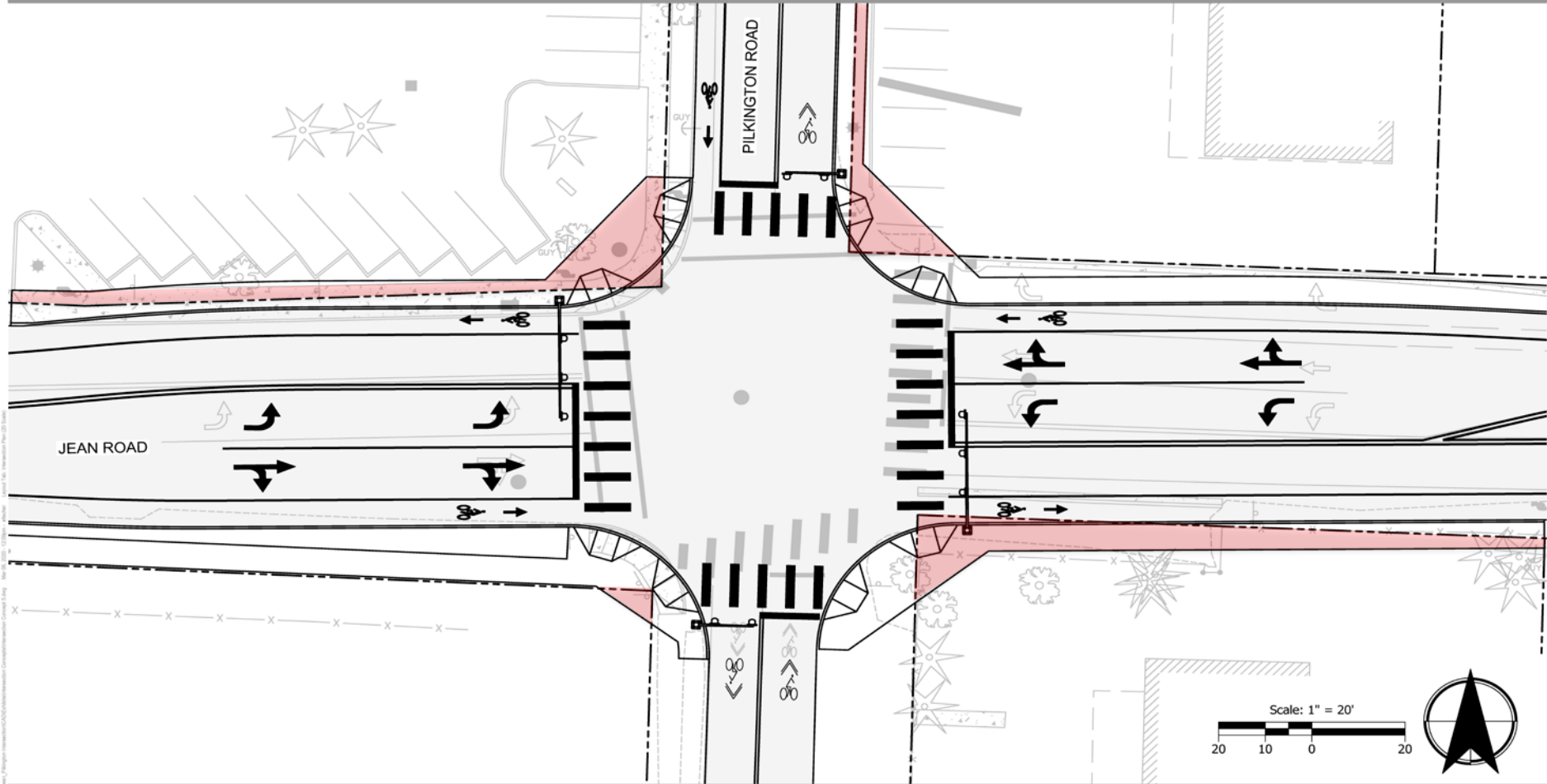




Jean and Pilkington Intersection Project
City of Lake Oswego, OR



Roundabout Concept



Jean and Pilkington Intersection Project
City of Lake Oswego, OR



Signal Concept

Recommendation

Signal Option	Roundabout Option
Level of Service	Level of Service
Less ROW Impacts	More ROW needed
Adaptable to traffic needs over time	Fixed capacity

Recommendation of Signal Option



Estimated Schedule

- Present recommendation to Council – 10/2020
- Start Design - Fall 2020
- Start Construction – Late 2021



Questions and Comments

1. Questions submitted prior to meeting
2. WebEx chat questions



More Information?

- Visit:
www.lakeoswego.city/engineering/pilkingtonjean-rd-intersection-improvements
- Email: dkudna@ci.oswego.or.us
- Call: 503-534-5299



LOS Definitions

Level of Service	Average Delay per Vehicle in Seconds (d)		
	Traffic Signal	Roundabout	Stop Control
A	$d \leq 10$	$d \leq 10$	$d \leq 10$
B	$10 < d \leq 20$	$10 < d \leq 20$	$10 < d \leq 15$
C	$20 < d \leq 35$	$20 < d \leq 35$	$15 < d \leq 25$
D	$35 < d \leq 55$	$35 < d \leq 50$	$25 < d \leq 35$
E	$55 < d \leq 80$	$50 < d \leq 70$	$35 < d \leq 50$
F	$80 < d$ or $v/c > 1.0$	$70 < d$ or $v/c > 1.0$	$50 < d$ or $v/c > 1.0$



Approach	2019 Weekday AM Peak Hour			2019 Weekday PM Peak Hour		
	No-Build	Alt 1: Traffic Signal	Alt 2: Mini-Roundabout	No Build	Alt 1: Traffic Signal	Alt 2: Mini-Roundabout
Level of Service (LOS)						
Eastbound	C	B	A	D	B	B
Westbound	F	B	C	C	B	A
Northbound	E	B	B	C	A	A
Southbound	C	B	B	C	B	A
Overall Intersection	E	B	B	C	B	B

Approach	2040 Weekday AM Peak Hour			2040 Weekday PM Peak Hour		
	No-Build	Alt 1: Traffic Signal	Alt 2: Mini-Roundabout	No Build	Alt 1: Traffic Signal	Alt 2: Mini-Roundabout
Level of Service (LOS)						
Eastbound	D	B	A	F	C	E
Westbound	F	C	D	E	B	A
Northbound	F	C	B	C	B	B
Southbound	E	B	C	F	B	B
Overall Intersection	F	B	C	F	B	C

