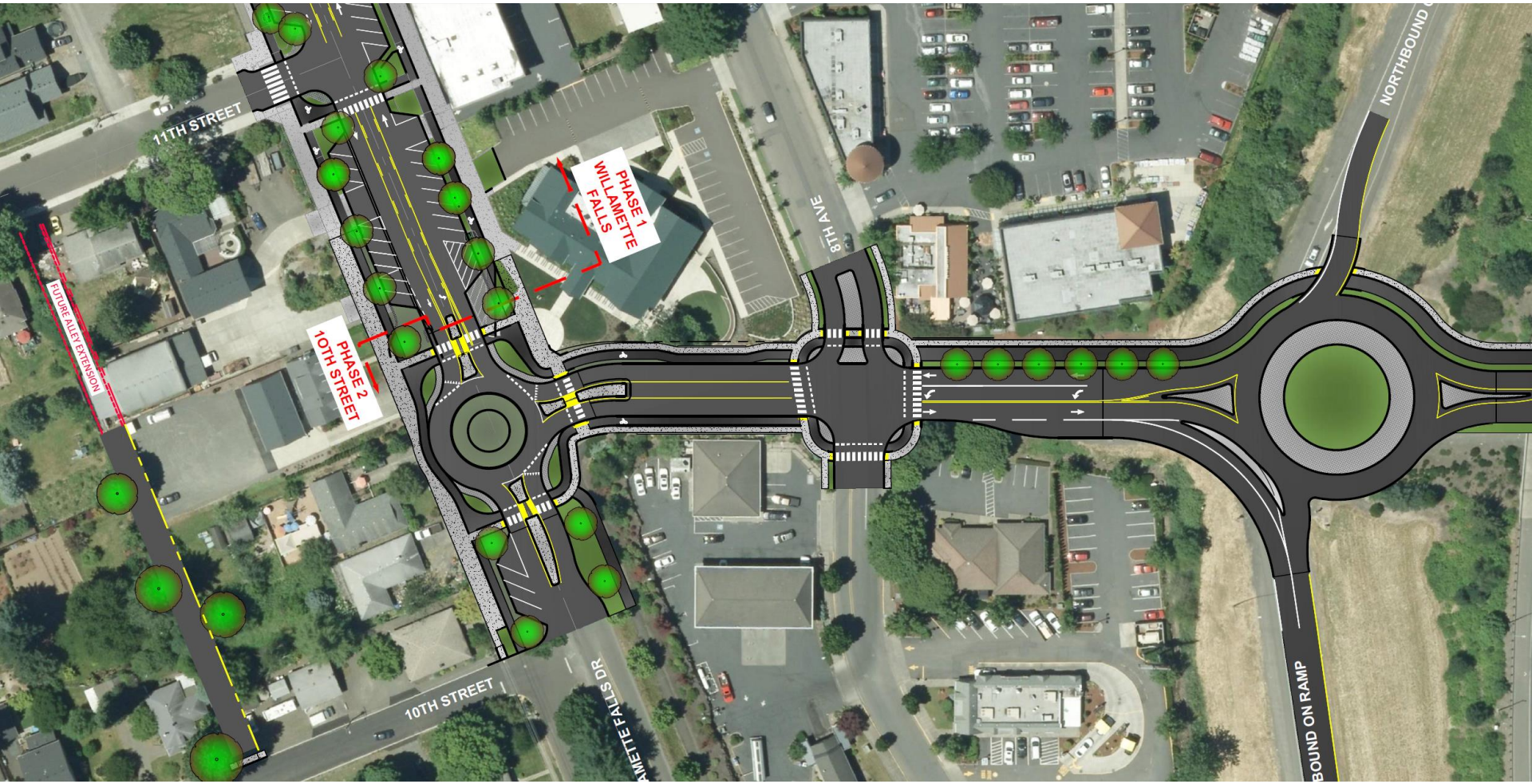
10th Street / Salamo Road Update

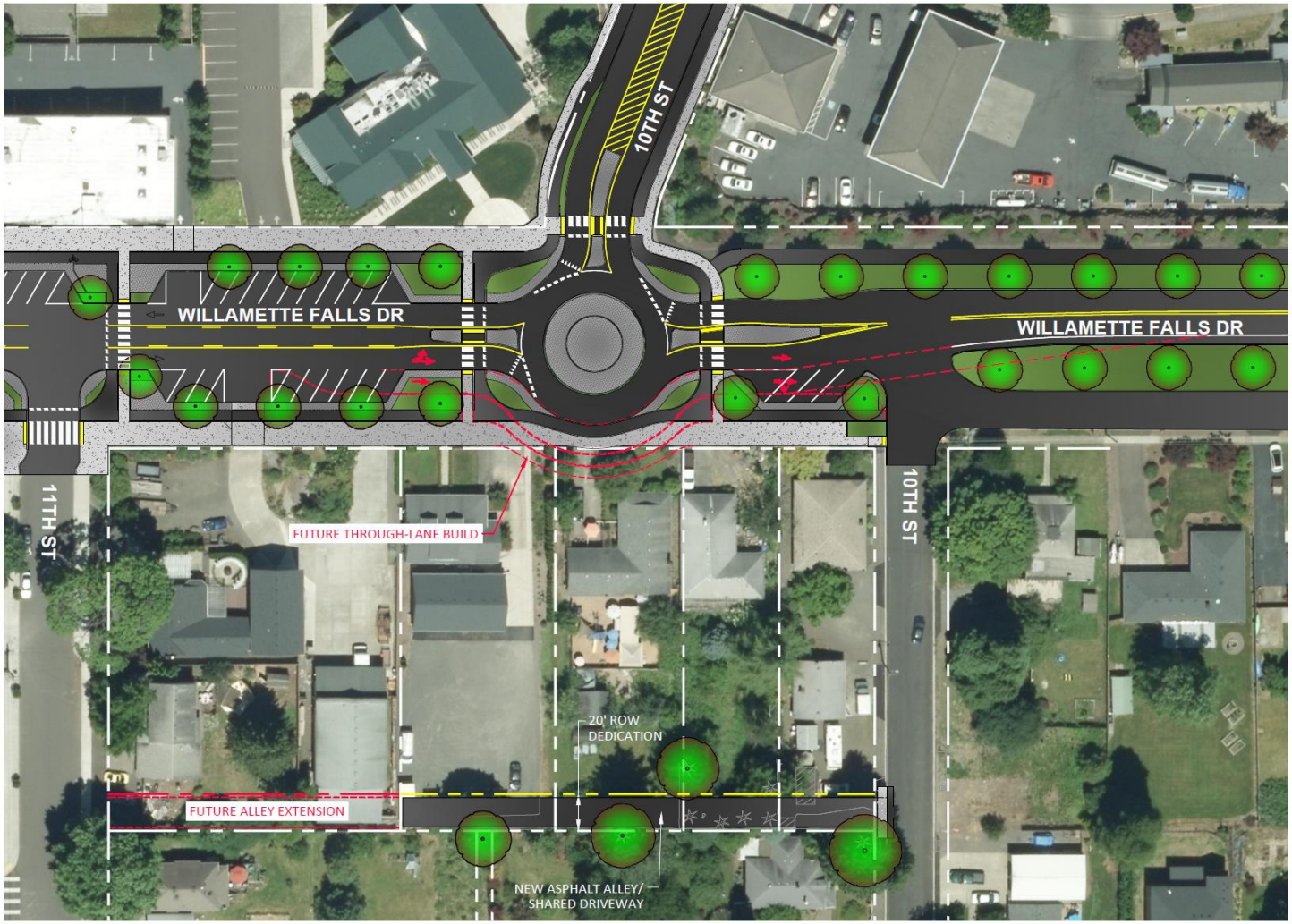
City Council Work Session – Sept 21, 2020

10th Street / Salamo Road Draft Layout

10th Street – WFD to I205 Draft Layout



10th Street – WFD to I205 Draft Layout



10th Street – WFD to I205 Draft Layout

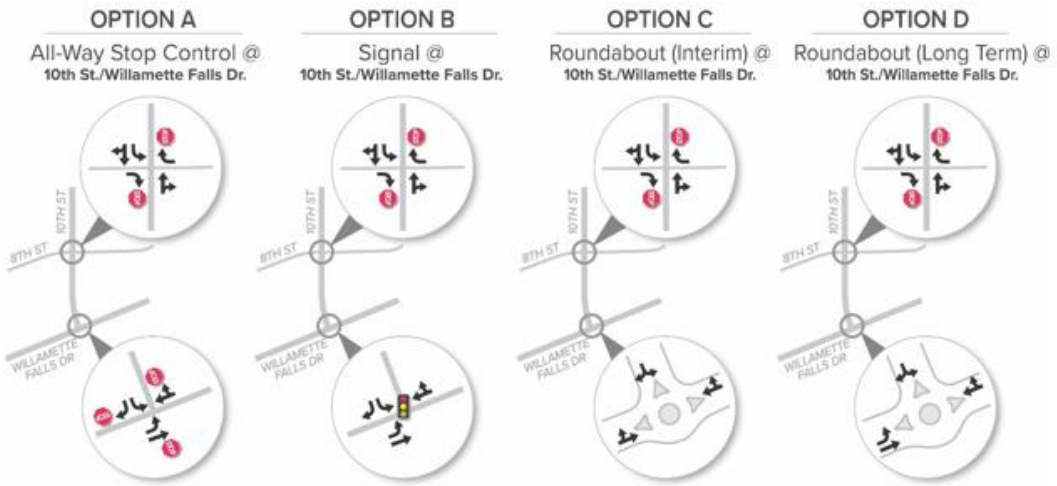


Table 1: 2020 PM Peak Intersection Operations - 10th Street/Willamette Falls Dr

Scenario	Intersection Control	Mobility Target	2020 PM Peak Hour		
			Delay	*LOS*	*v/c*
Option A	All-way stop controlled	LOS D	**82**	**F**	**1.30**
Option B	Signal	LOS D	21	C	0.73
Option C	Single Lane Roundabout (Interim)	LOS D	**37**	**E**	**1.03**

Bolded Red indicates intersection does not meet mobility targets.

Delay = Average Intersection Delay (sec.); LOS = Level of Service of Intersection
v/c = Volume-to-Capacity Ratio of Worst Approach Lane (all-way stop controlled intersections, roundabouts),
Overall Intersection Volume-to-Capacity Ratio (signalized intersections)

Existing Condition

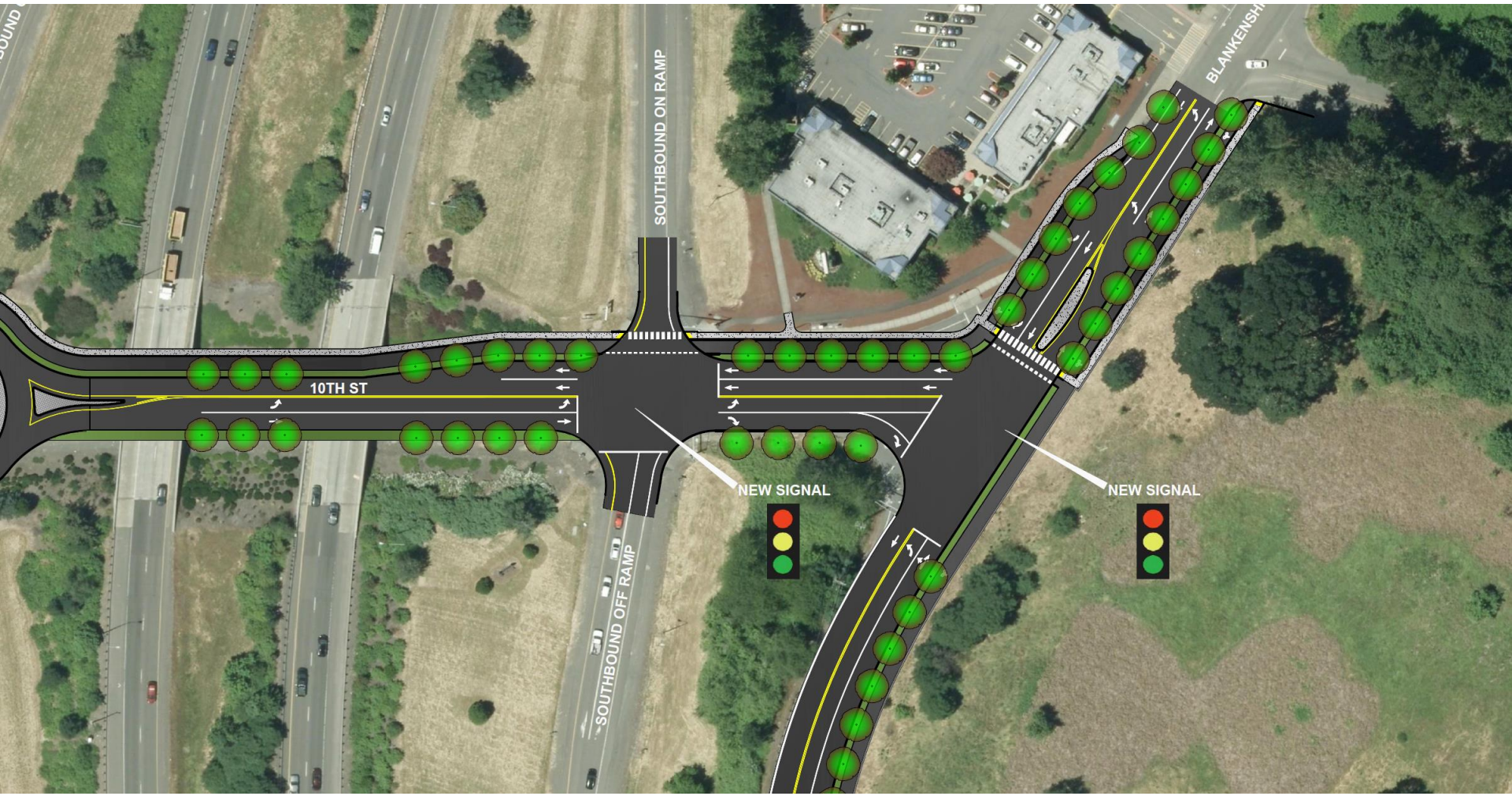
Table 2: 2040 PM Peak Intersection Operations - 10th Street/Willamette Falls Dr

Scenario	Intersection Control	Mobility Target	2040 PM Peak Hour		
			Delay	*LOS*	*v/c*
Option A	All-way stop controlled	LOS D	**155**	**F**	**1.49**
Option B	Signal	LOS D	21	C	0.83
Option C	Single Lane Roundabout (Interim)	LOS D	**110**	**F**	**1.32**
Option D	Multilane Roundabout (Long Term)	LOS D	11	B	0.64

Bolded Red indicates intersection does not meet mobility targets.

Delay = Average Intersection Delay (sec.); LOS = Level of Service of Intersection
v/c = Volume-to-Capacity Ratio of Worst Approach Lane (all-way stop controlled intersections, roundabouts),
Overall Intersection Volume-to-Capacity Ratio (signalized intersections)

10th Street – I205 to Salamo Road Draft Layout



Salamo Road Draft Layout