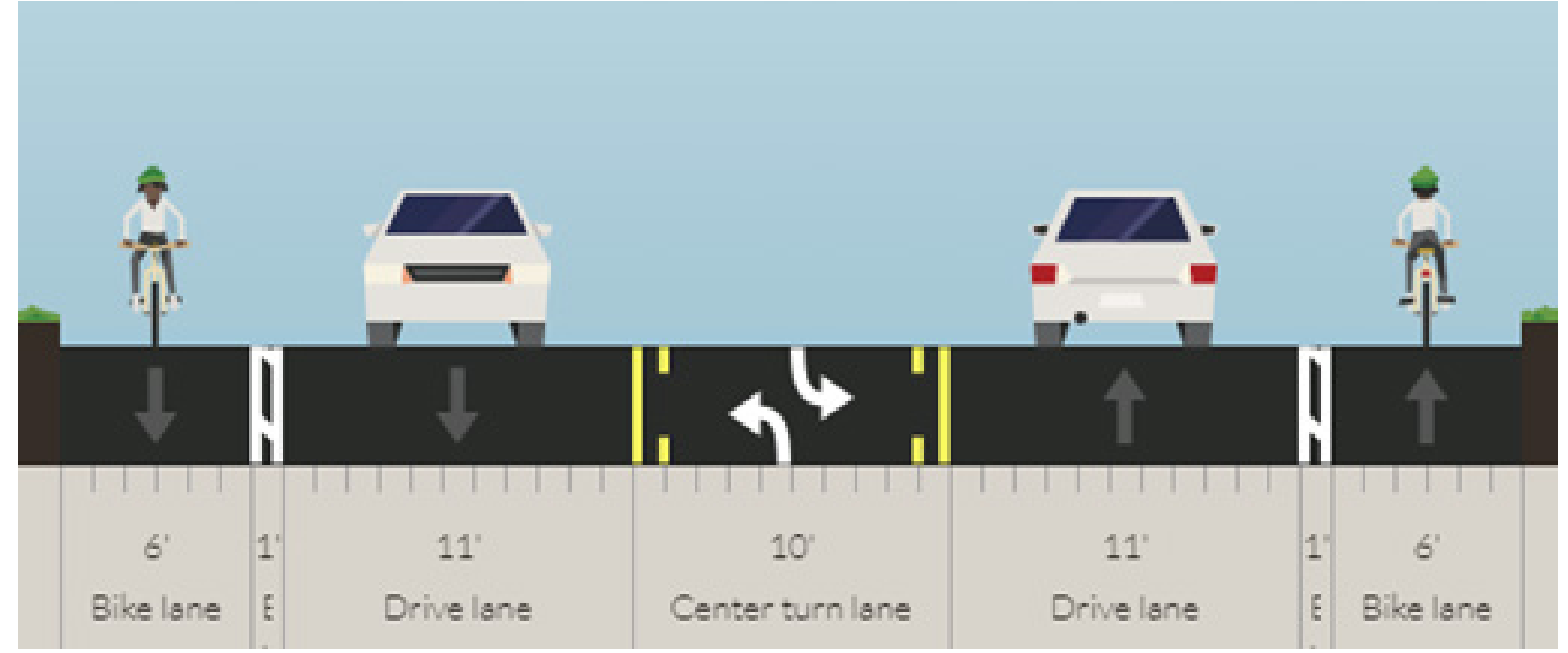


ALTERNATIVE 3

Description

Alternative 3 provides a single through lane in each direction, with a center left turn lane. Signal timing and phasing would be changed to mitigate traffic impacts where possible. Crosswalks across Seminary Road would be installed. A center turn lane allows space for planted median refuge islands. Buffered bike lanes would be possible along the corridor.



Performance Assessment

Concepts were scored on a scale of 1 to 5 for a variety of measures. One point is given for concepts that make no improvements or substantially worsen existing conditions. Five points are given for concepts that substantially improve conditions or fully preserve existing strengths of Seminary Road.

PERFORMANCE MEASURE	RATING
PEDESTRIAN SAFETY/COMFORT	● ● ● ● ○
FILLING THE SIDEWALK GAP	● ● ● ● ○
CONTROLLING SPEED	● ● ● ● ○
PREVENTING CRASHES	● ● ● ● ○
MINIMIZING VEHICLE DELAY	● ● ● ● ○
ADJACENT RESIDENT LIVABILITY	● ● ● ● ○
BICYCLIST SAFETY/COMFORT	● ● ● ● ○

Intersection Delay

In this design alternative, changes in intersection delay are generally minimal, with the exception of Seminary Road & N Jordan Street. The additional delay is not as pronounced as in Alternative 2, because this alternative provides a right-turn lane for eastbound traffic turning right onto N Jordan Street.

Intersection	Traffic Control	Time of Day	EXISTING CONDITIONS		ALTERNATIVE 3	
			Level of Service (LOS) Grade	Delay (seconds)	Level of Service (LOS) Grade	Delay (seconds)
Kenmore Ave/Library Ln & Seminary Rd	Signalized	AM Overall LOS	C		C	25.2
		PM Overall LOS	C	30.7	B	16.6
School Exit/Hammond & Seminary Rd	Signalized	AM Overall LOS	A	5.5	A	8.5
		PM Overall LOS	B	10.9	A	4.0
N Pickett St/Fire Station & Seminary Rd	Signalized	AM Overall LOS	C	21.7	D	46.1
		PM Overall LOS	C	34.6	D	42.8
N Jordan St & Seminary Rd	Signalized	AM Overall LOS	B	19.4	D	40.2
		PM Overall LOS	A	6.1	D	36.3
N Howard St & Seminary Rd	Signalized	AM Overall LOS	D	36.9	D	38.1
		PM Overall LOS	C	21.7	C	27.6
St Stephens Rd & Seminary Rd	Signalized	AM Overall LOS	B	11.6	B	15.7
		PM Overall LOS	A	8.1	B	10.7
Fort Williams Pkwy & Seminary Rd	Unsignalized	AM Overall LOS	D	28.6	C	25.6
		PM Overall LOS	C	24.6	C	18.9
N Quaker Ln & Seminary Rd/Janneys Ln	Signalized	AM Overall LOS	E	68.7	D	51.8
		PM Overall LOS	D	52.5	D	42.2