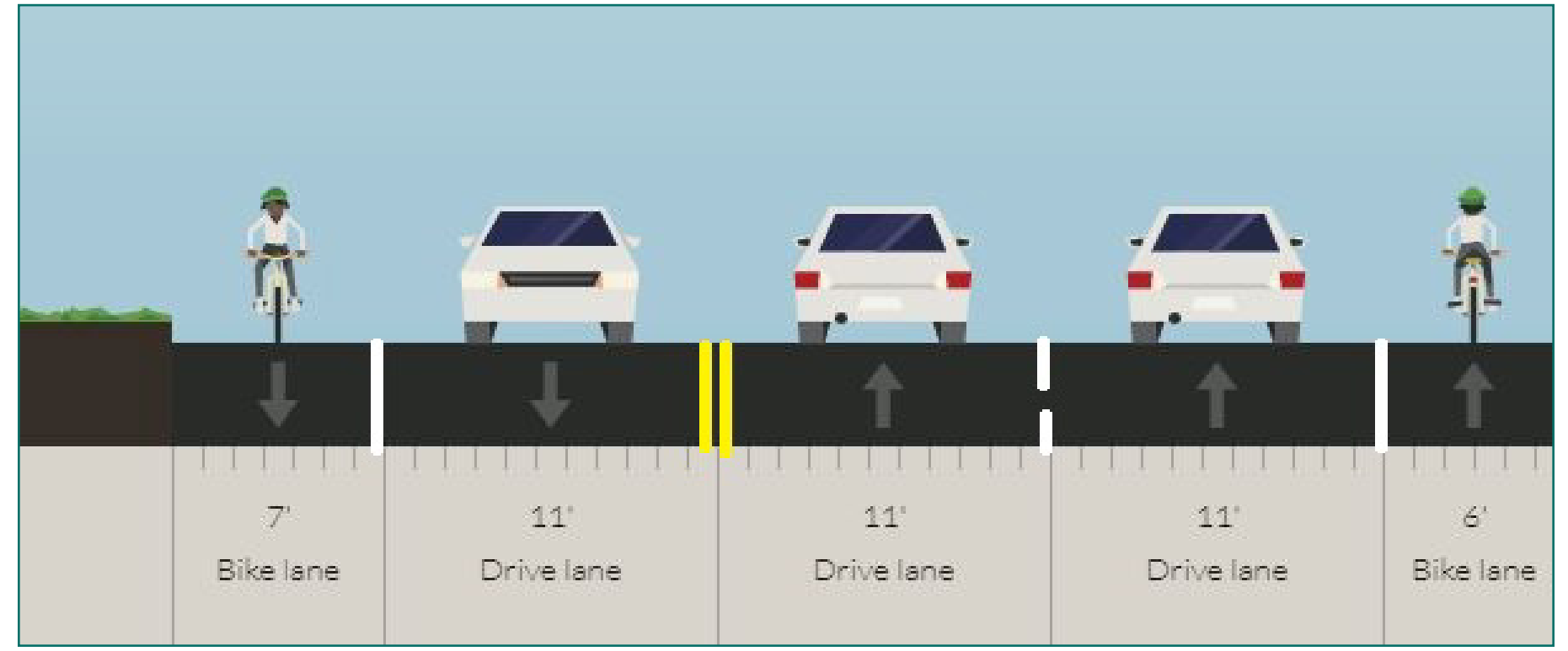


ALTERNATIVE 2

Description:

Alternative 2 maintains traffic flow while enhancing mobility, safety, and comfort for people walking and biking. It would preserve the two travel lanes in the westbound direction, where traffic volumes are higher during rush hour. The eastbound direction would have one travel lane. Bike lanes would be possible in each direction. Median refuge islands may not be possible. Crosswalks would be installed where safe and feasible.



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.

Intersection Delay

Changes in intersection delay are minimal, with the exception of Seminary Rd & N Jordan St, particularly in the evening peak period. The additional delay is due to eastbound through and right-turning traffic sharing a single lane. This analysis assumed that bike lanes continued through this intersection. Additional design work for this alternative could investigate other configurations to mitigate this delay.

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

Intersection	Traffic Control	Time of Day	EXISTING CONDITIONS		ALTERNATIVE 2	
			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	32.1
		PM Overall LOS	C	30.7	B	17.3
School Exit/Hammond & Seminary Rd	Signalized	AM Overall LOS	A	5.5	A	4.4
		PM Overall LOS	B	10.9	A	3.6
N Pickett St/Fire Station & Seminary Rd	Signalized	AM Overall LOS	C	21.7	D	35.7
		PM Overall LOS	C	34.6	D	43.0
N Jordan St & Seminary Rd	Signalized	AM Overall LOS	B	19.4	D	37.3
		PM Overall LOS	A	6.1	F	80.9
N Howard St & Seminary Rd	Signalized	AM Overall LOS	D	36.9	D	37.3
		PM Overall LOS	C	21.7	C	29.2
St Stephens Rd & Seminary Rd	Signalized	AM Overall LOS	B	11.6	B	12.3
		PM Overall LOS	A	8.1	B	12.8
Fort Williams Pkwy & Seminary Rd	Unsignalized	AM Overall LOS	D	28.6	D	28.2
		PM Overall LOS	C	24.6	D	25.7
N Quaker Ln & Seminary Rd/Janneys Ln	Signalized	AM Overall LOS	E	68.7	D	51.5
		PM Overall LOS	D	52.5	D	42.6