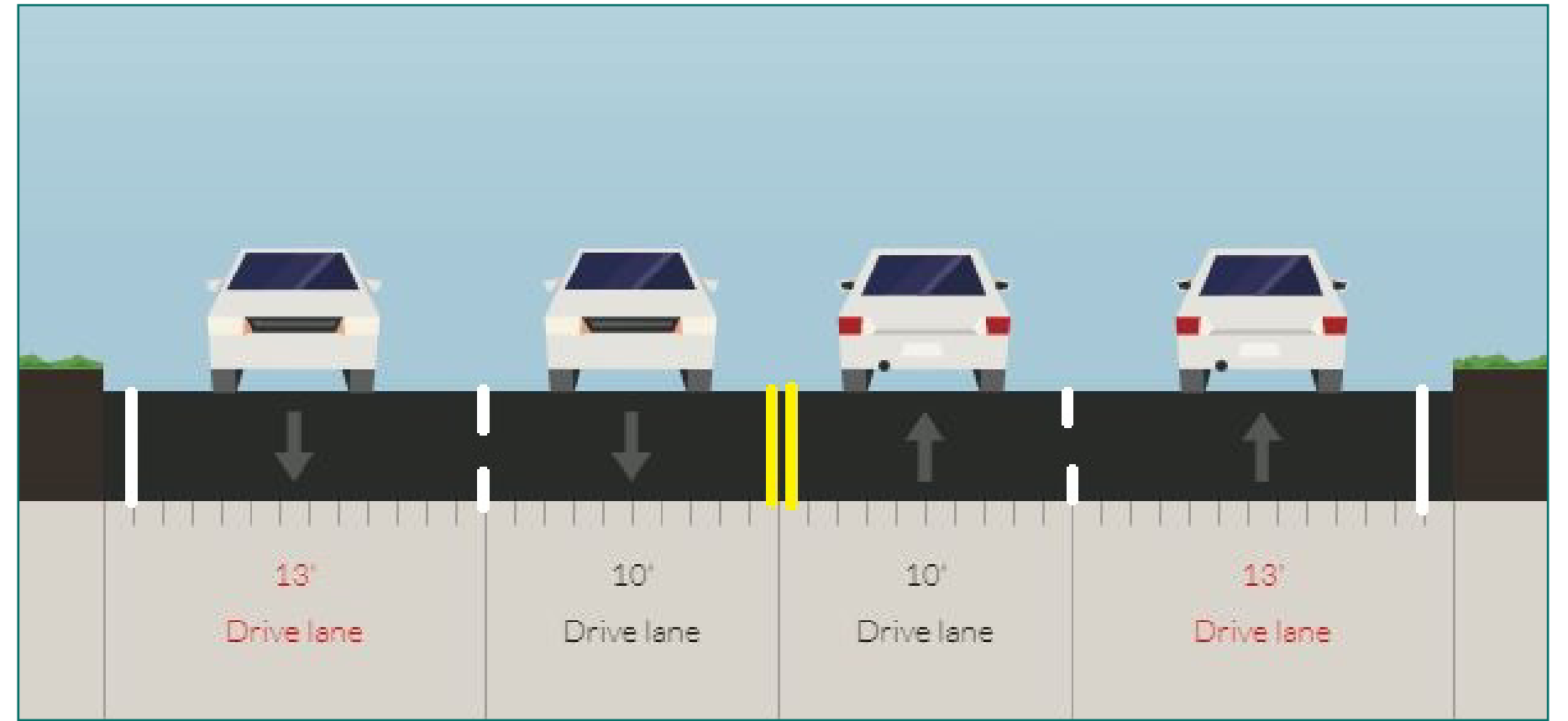


# ALTERNATIVE 1

## Description

Alternative 1 is intended to optimize the existing layout of Seminary Road. It would maintain two through-lanes in each direction. Existing signal timing and phasing would be maintained; therefore, there are no positive or negative traffic impacts. Existing crosswalks will be upgraded, and lane widths will be narrowed where possible to discourage speeding.



## 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

There are no changes in delay for Alternative 1.

| 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 1                |                 |
|---|-----------------|----------------|------------------------------|-----------------|------------------------------|-----------------|
|   |                 |                | 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                            |                 |
|   |                 | PM Overall LOS | C                            | 30.7            | C                            | 30.7            |
| School Exit/Hammond & Seminary Rd       | Signalized      | AM Overall LOS | A                            | 5.5             | A                            | 5.5             |
|   |                 | PM Overall LOS | B                            | 10.9            | B                            | 10.9            |
| N Pickett St/Fire Station & Seminary Rd | Signalized      | AM Overall LOS | C                            | 21.7            | C                            | 21.7            |
|   |                 | PM Overall LOS | C                            | 34.6            | C                            | 34.6            |
| N Jordan St & Seminary Rd               | Signalized      | AM Overall LOS | B                            | 19.4            | B                            | 19.4            |
|   |                 | PM Overall LOS | A                            | 6.1             | A                            | 6.1             |
| N Howard St & Seminary Rd               | Signalized      | AM Overall LOS | D                            | 36.9            | D                            | 36.9            |
|   |                 | PM Overall LOS | C                            | 21.7            | C                            | 21.7            |
| St Stephens Rd & Seminary Rd            | Signalized      | AM Overall LOS | B                            | 11.6            | B                            | 11.6            |
|   |                 | PM Overall LOS | A                            | 8.1             | A                            | 8.1             |
| Fort Williams Pkwy & Seminary Rd        | Unsignalized    | AM Overall LOS | D                            | 28.6            | D                            | 28.6            |
|   |                 | PM Overall LOS | C                            | 24.6            | C                            | 24.6            |
| N Quaker Ln & Seminary Rd/Janneys Ln    | Signalized      | AM Overall LOS | E                            | 68.7            | E                            | 68.7            |
|   |                 | PM Overall LOS | D                            | 52.5            | D                            | 52.5            |