Me come Proposed Street Improvements Clayburn Road

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What's Happening?

The City of Abbotsford is proposing improvements for Clayburn Road, based on community concerns.





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Why this project?

Local residents are concerned about:

- Speeding
- High traffic volume
- Walking connectivity
- Pedestrian safety at crosswalk

City data collection October 20 - 27 revealed:

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• Average daily traffic volume: 5,400 vehicles per day (vpd) • 85th % speed: 49 km/hr (30 km/hr posted speed limit) • From data, City is proposing street improvements to reduce travel speed and improve pedestrian safety

How we are proposing to address the issues

- Appropriate traffic calming techniques
- Enhance signage
- Gateway treatment
- Pedestrian crossing treatment

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3E APPROACH • Education Enforcement Engineering

Option 1 Raised crosswalks/speed tables & rectangular rapid flashing beacon

(For illustration purposes only)

Option 2 Curb extensions/speed tables & rectangular rapid flashing beacons

(For illustration purposes only)

What is traffic calming?

- through neighbourhoods
- Using physical measures to: Reduce negative effects of motor vehicles use Alter driver behavior Improve conditions for pedestrian and other non-motorized users

Traffic calming options (For illustration purposes only)

Curb Extension

Raised Crosswalk

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The process of changing driver behavior to slow down

Speed Table

RRFB: Rectangular Rapid Flashing Beacon

Rectangular Rapid Flashing Beacon (RRFB)

- pedestrian activated rapid flashing LED at a marked crosswalk
- attracts motorists' attention to increase compliance at crosswalks

Advantages yield compliance improves to 90 - 100% ease of installation • option for solar power

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Disadvantages • on-going maintenance costs

Raised Crosswalk/Speed Table

- elevated marked pedestrian crossing at intersection or mid-block
- reduces vehicle speed
- improves pedestrian visibility at crosswalk
- emphasizes pedestrian priority

Advantages

- Can reduce vehicle speeds up to 13 km/hr
- Can reduce traffic volume up to 25%
- increased crosswalk yield compliance
- better defined pedestrian crossing
- forces motorists to slow down at crosswalks

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Disadvantages

security

• delays emergency response vehicles • may give a false sense of pedestrian

• increased traffic noise levels

Curb Extension

- prevents parking too close to intersection
- creates space for landscaping

Mid-block Curb Extension (For illustration purposes only)

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horizontal intrusion of curb at intersection or mid-block reduces travel speed by narrowing road width increased mutual visibility for motorists and pedestrians

Intersection Curb Extension (For illustration purposes only)

Curb Extension

Advantages

- reduces vehicle speeds up to 2-8 km/hr
- reduces pedestrian crossing distances
- improves sightlines for motorists and pedestrians
- reduces vehicle turning speeds at intersections
- improves street appearances

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Disadvantages

and related damage

may cause loss of on street parking increases snow removal difficulty

Centerline Delineator

- delineator mounted permanently on road surface
- prevents lane encroachment
- provides better lane guidance to motorists

Advantages

- prevents lane encroachment
- requires no additional road right-of-way
- provides better visual guidance to motorists on curves

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Disadvantages on-going replacement costs creates challenge for snow removal

Next Steps

Finalize plan based on feedback

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Staff Report to Transportation Advisory Committe/ Council Summer / Fall 2018

Consideration for design and implementation

We want to hear from you! You live here, and your opinion is important.

How you can weigh in: Project Survey: hard copies are available today

Stay in the loop: Project information will be updated on our website: abbotsford.ca/clayburn

Email our engineers: eng-info@abbotsford.ca

Call our engineers: 604-864-5514

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