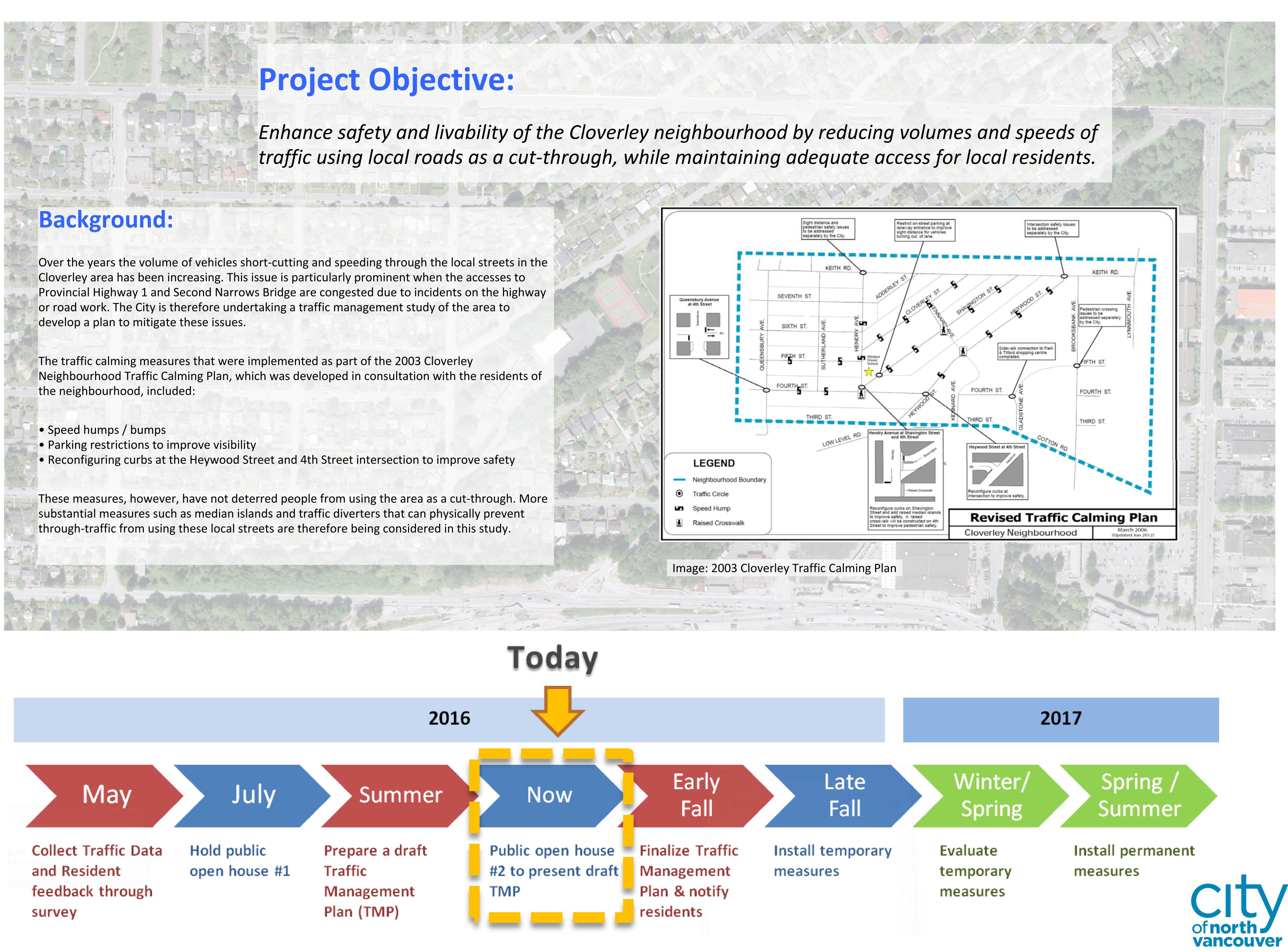
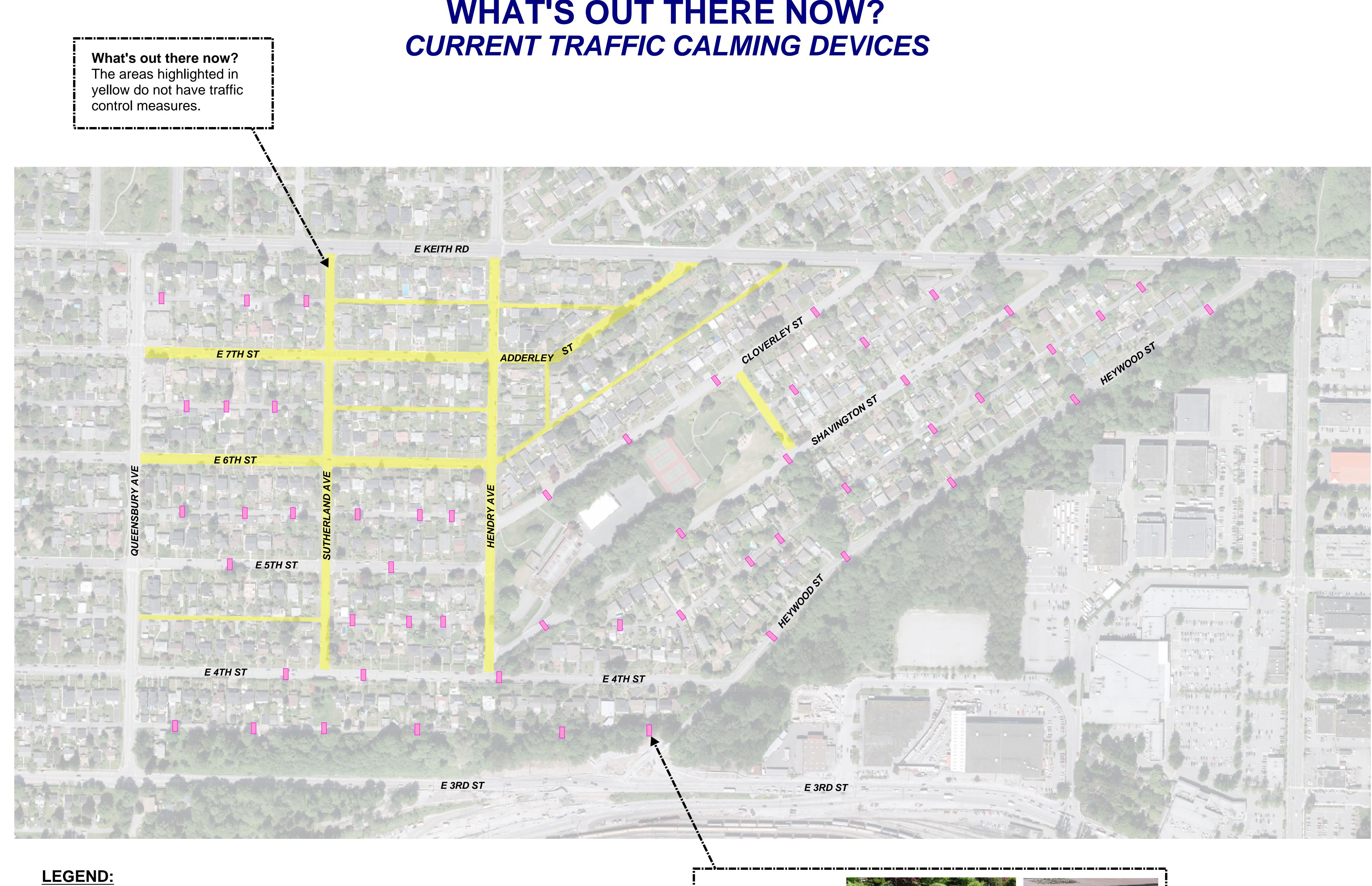
## **CLOVERLEY NEIGHBOURHOOD TRAFFIC MANAGEMENT STUDY**





Current speed humps / bumps on streets and lanes

Streets and lanes with no traffic calming devices or measures

# WHAT'S OUT THERE NOW?

What's out there now?

Currently, there are only speed humps and bumps on streets and lanes.

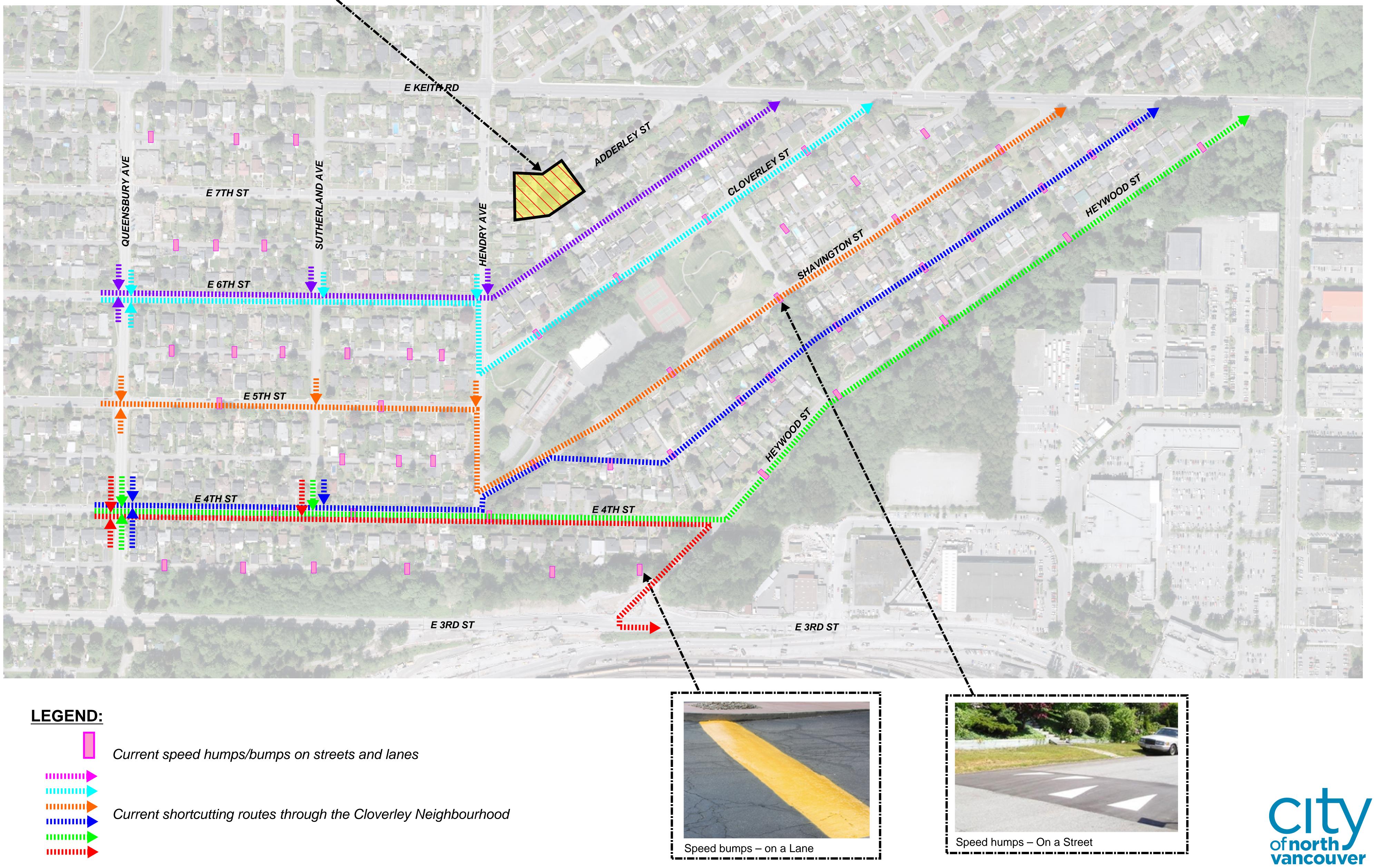


Speed humps – On a Street Speed bumps – On a Lane





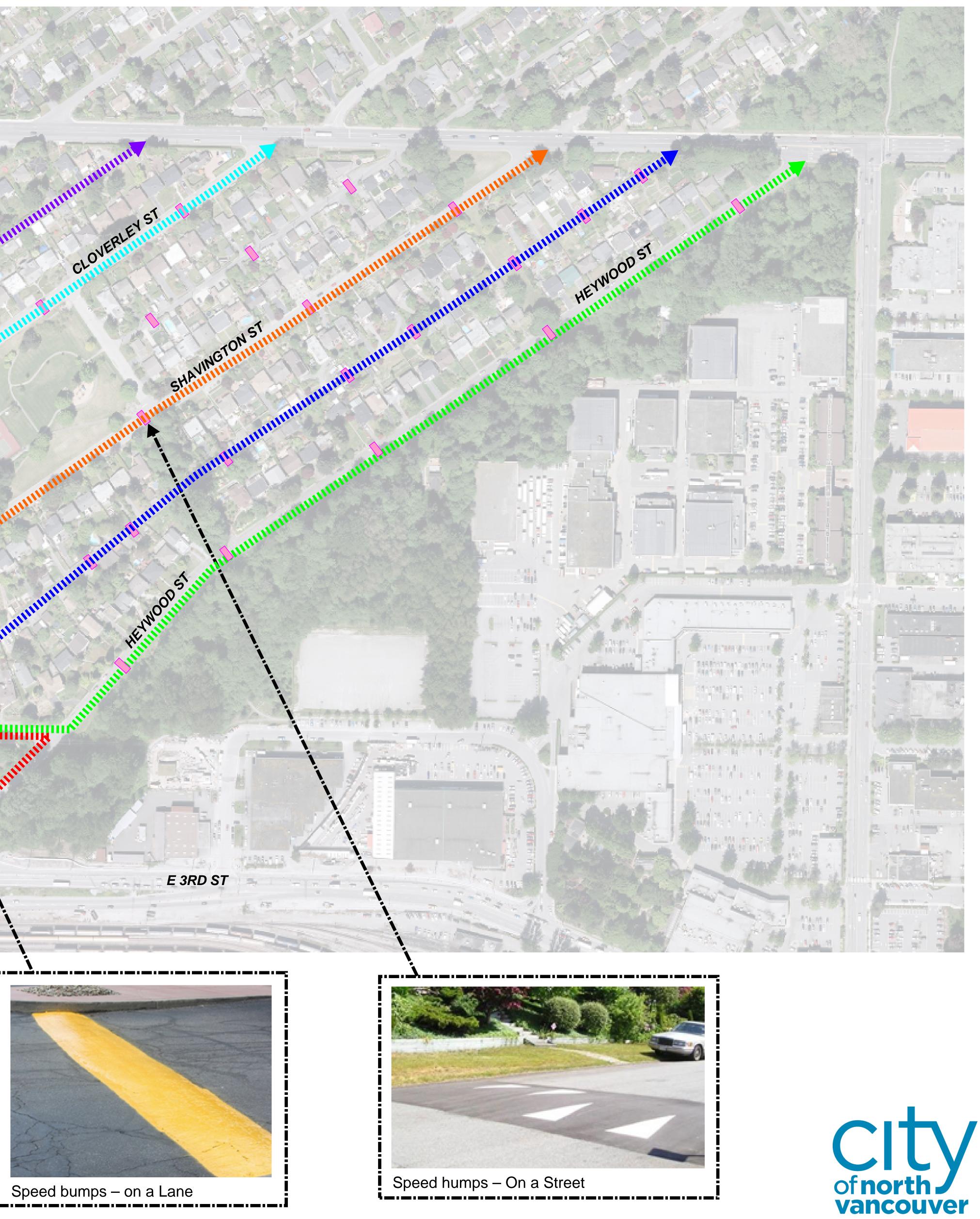
Blind Corner The bend on Adderley Street is a blind corner. Speed reduction is required to provide more time for visibility and improve safety.

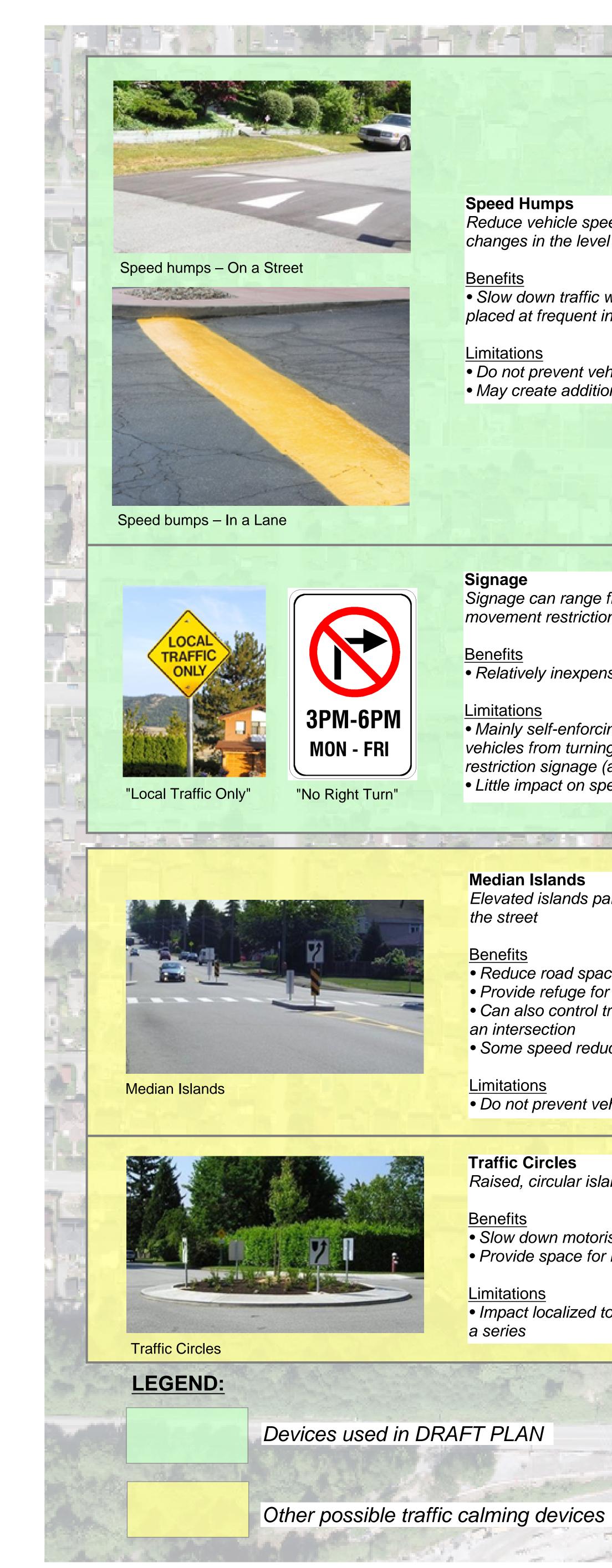






## WHERE ARE PEOPLE SHORTCUTTING THROUGH THE **CLOVERLEY NEIGHBOURHOOD?**





## **TRAFFIC CALMING DEVICES**

Reduce vehicle speeds by introducing modest up-and-down changes in the level of the street

• Slow down traffic without making drivers uncomfortable if placed at frequent intervals

• Do not prevent vehicles from accessing a street May create additional noise

Signage can range from Local Traffic Only to turning movement restrictions

Relatively inexpensive and easy to install

• Mainly self-enforcing (no physical changes to prevent vehicles from turning), although police can enforce turning restriction signage (although resources are limited) Little impact on speed reduction

## Median Islands

Elevated islands parallel to traffic lanes down the middle of

and the second se

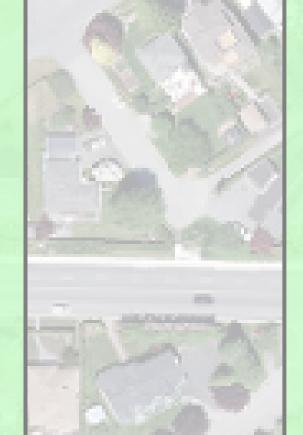
 Reduce road space, signaling motorists to slow down • Provide refuge for pedestrians • Can also control traffic movements when extended across an intersection Some speed reduction

• Do not prevent vehicles from accessing a street

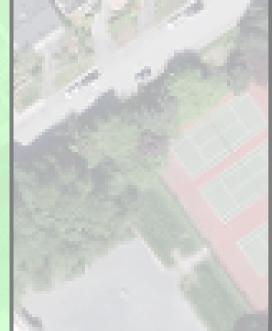
Traffic Circles Raised, circular islands at the middle of major intersections

• Slow down motorists at intersections • Provide space for landscaping

Impact localized to intersections only unless implemented in













Chicanes







Full Diverter / Mountable Median



Right-in, right-out diverters

Speed reader boards

Curb Extensions



## Diverters

Physical barriers that redirect vehicle traffic heading for a certain street onto a different course.

## Benefits

- Can effectively reduce traffic volumes
- Provide space for landscaping
- Increase safety of pedestrians & cyclists

Limitations

 Reduce number of access points into a neighbourhood for local residents

## Speed reader boards

Display the speed of passing vehicles

## <u>Benefits</u>

Display the speed of passing vehicles

## Limitations

- Self-enforcing
- Impact localized to where boards are placed
- Does not prevent vehicles from entering a street
- More appropriate for arterial roads

## Chicanes

Sidewalk extensions that jog from one side of a street to the other to create a circuitous route.

## Benefits

- Effective in slowing down motorists if implemented in a series
- Reduce pedestrian crossing distance
- Provide space for landscaping
- Limitations
- Do not prevent vehicles from entering a street
- Higher cost

## Curb Extensions

Extend curb into the street

## <u>Benefits</u>

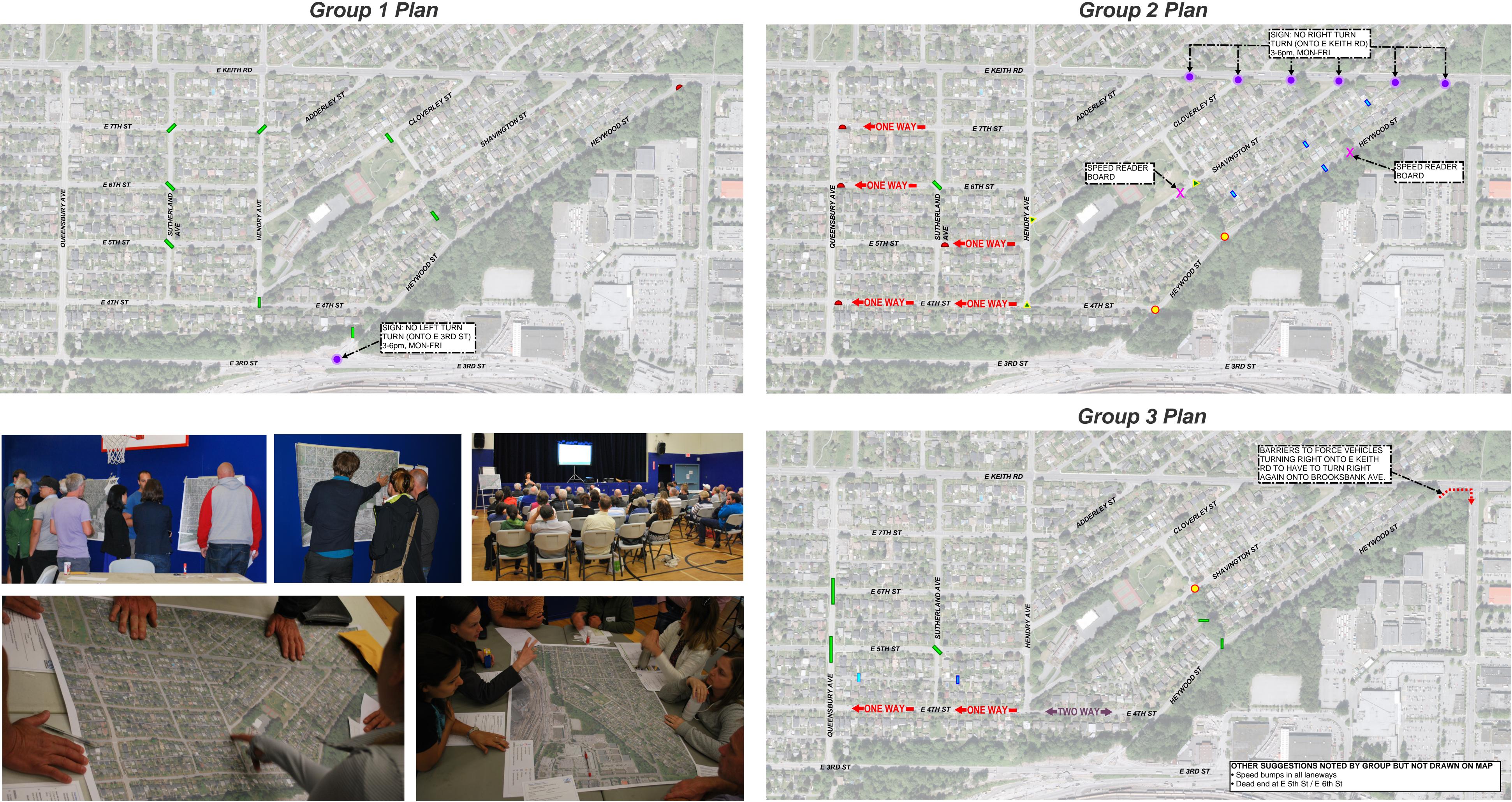
- Reduce pedestrian crossing distances
- Control traffic movement
- Some speed reduction Provide space for landscaping
- Limitations
- Do not prevent vehicles from entering a street





## **RESIDENT FEEDBACK SCENARIOS DEVELOPED BY PARTICIPANTS AT THE JULY WORKSHOP**

At our July workshop, after learning about the different traffic calming devices, attendees worked in groups to develop their own transportation management scenarios for the neighbourhood. By working with people from across the neighbourhood, participants had the opportunity to share their different perspectives and ideas. Participants also learned that it was not always easy to gain consensus amongst the resident group and it was clear that trade-offs would be required for the end of the workshop, the following six scenarios were developed by residents:





New Diverter / Median Island New Speed Humps / Bumps on streets and lanes New Semi-Diverter New Sign: No Right/Left Turn

**LEGEND**:

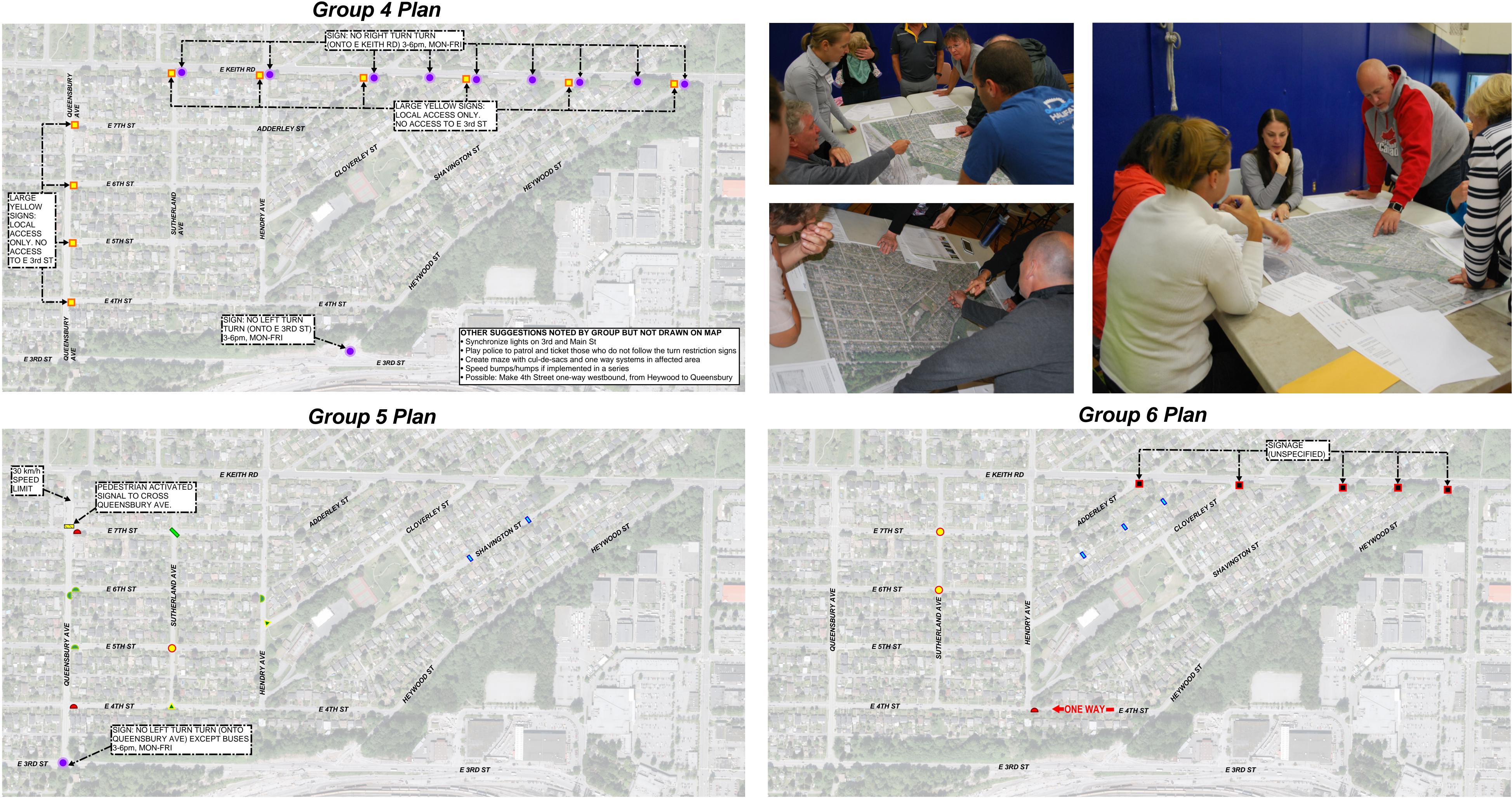


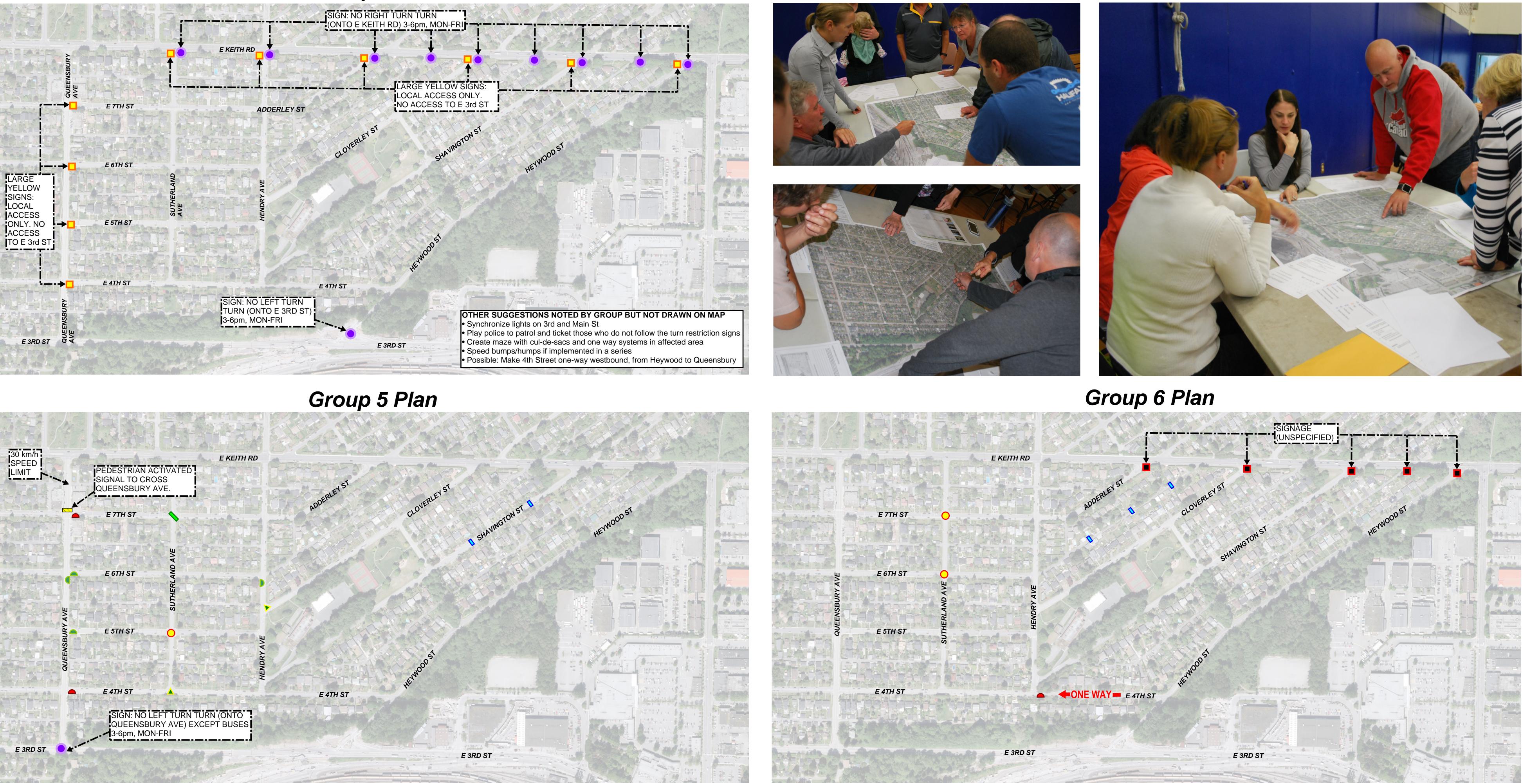
New Right-in, Right-out Diverter New Speed Reader Board New Traffic Circle



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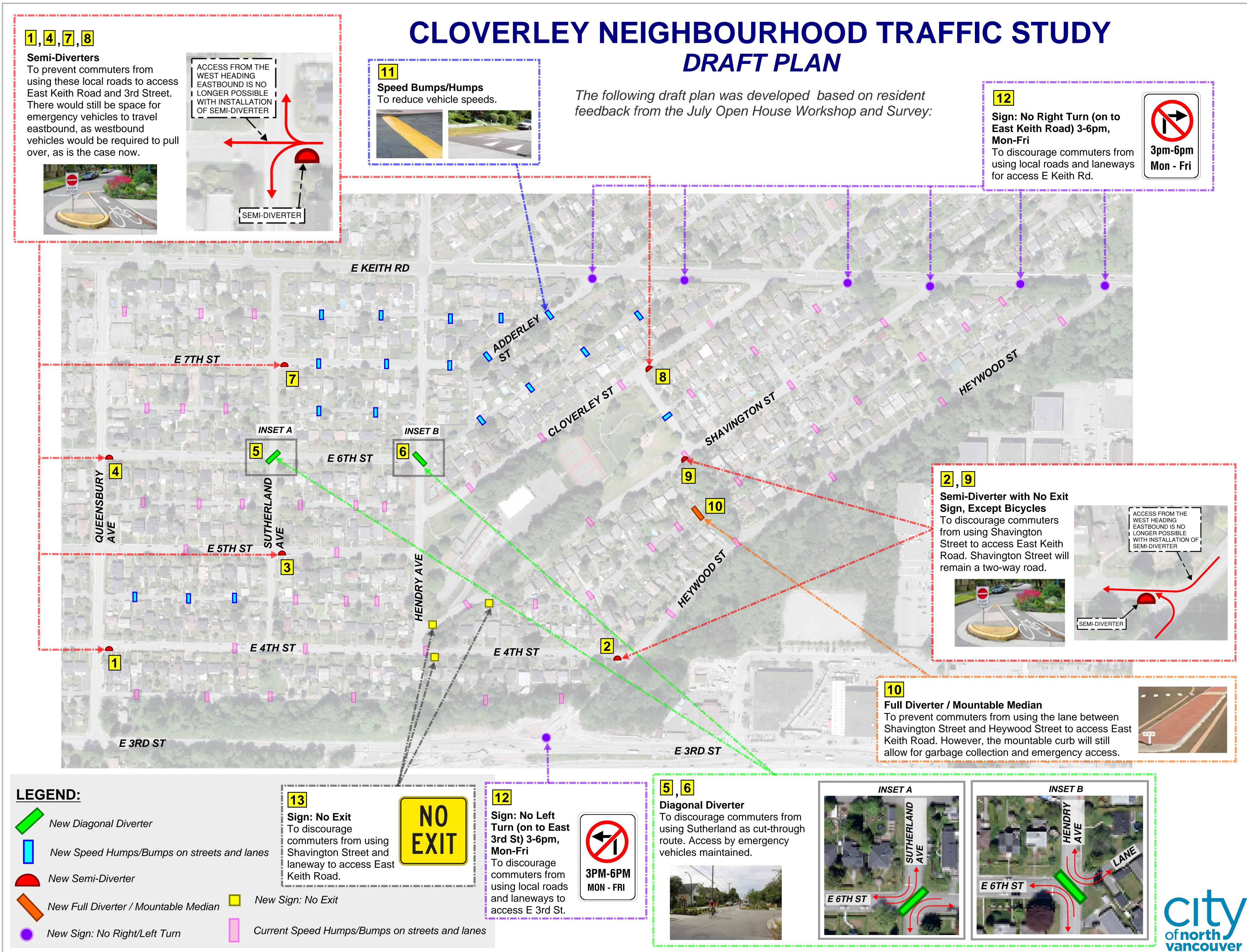


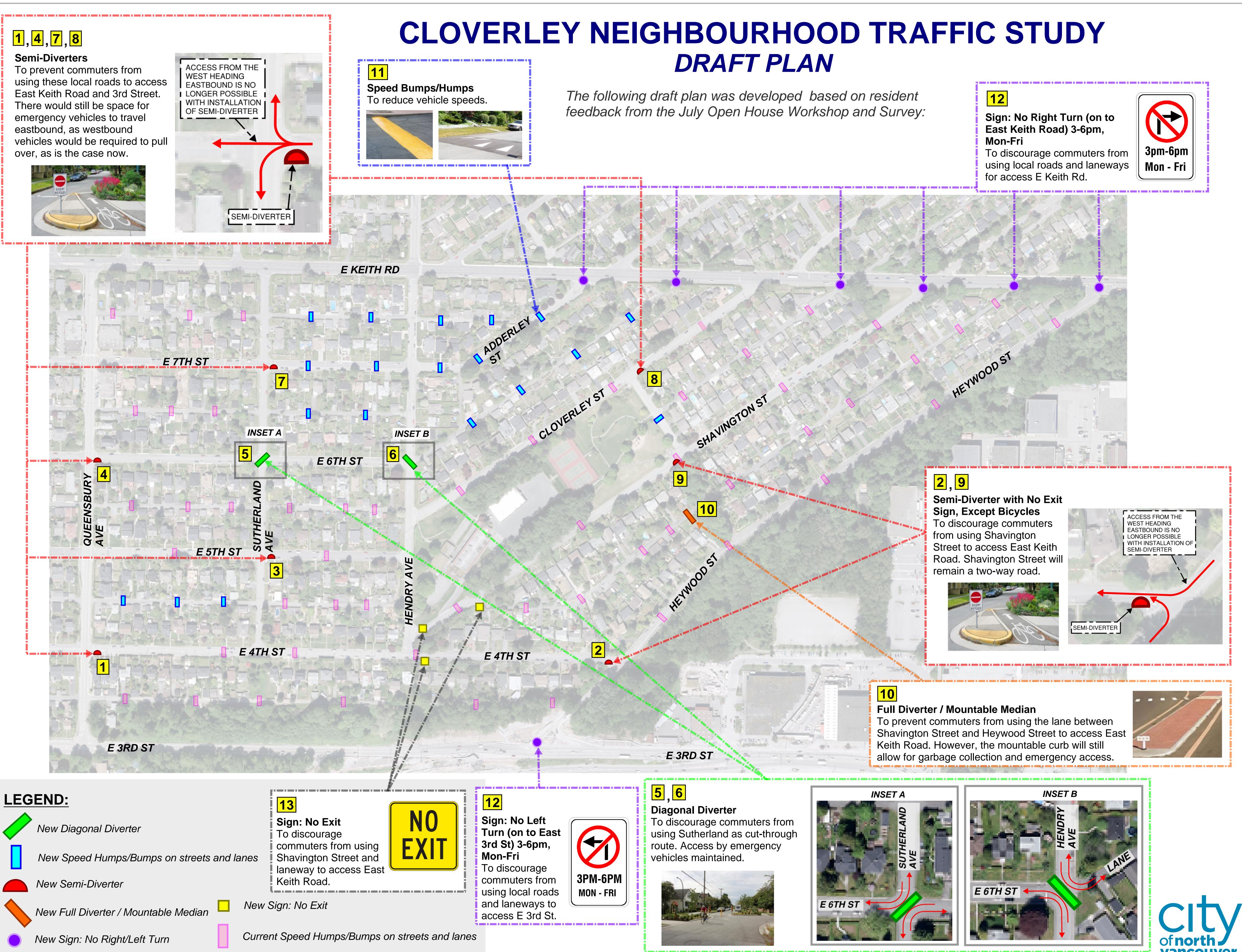
**LEGEND**: New Diverter / Median Island New Speed Humps / Bumps on streets and lanes New Semi-Diverter New Curb Bulge

New Right-in, Right-out Diverter New Traffic Circle New Sign: No Right/Left Turn New Sign: Local Access Only 

Sign: Unspecified









East Keith and Grand Boulevard - Green Necklace A City of North Vancouver project currently under construction which will provide bike lanes and multi-use paths as part of the greater Green Necklace plan.



## **CLOVERLEY NEIGHBOURHOOD TRAFFIC STUDY AND OTHER PLANNED IMPROVEMENTS AND STUDIES**

E KEITH RD

AVE

East Keith Multi-modal Improvements Study The City is working with the District of North Vancouver to identify safety and operational improvements for all modes of travel.

Cloverley Neighbourhood Traffic Study

ADDERLE

CLOVERLEY SI

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E 4TH ST

Future Rapid Transit Corridor (Marine - Main) The City is working with Translink and both districts to develop a plan for this corridor.

HENNOOD

