

Ganges Crosswalk Analysis and Design

Project Update & Functional Designs

Presentation to the Salt Spring Local Community Commission (LCC)

November 20th, 2025

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WATT Consulting Group



Project Update

- ✓ LCC Meeting #1 – July 10th, 2025
- ✓ Data Collection – July 12th & July 19th, 2025
- ✓ Crosswalk Review and Analysis
- ✓ Crosswalk Analysis Report – *first draft out for review*
- ✓ Open House + Crosswalk Comment Form – September 17th, 2025
- ✓ Initial Drafts for Functional Designs
-  MoTT Feedback + Design Updates + LCC Meeting #2

An aerial photograph of a coastal town. In the foreground, there are residential houses with brown roofs and a paved road with a yellow double line. A dark car is driving on the road. To the right of the road is a dense forest of tall evergreen trees. In the background, a large body of water (a bay or harbor) is visible, filled with many sailboats and a few larger boats. The water is surrounded by forested hills and mountains under a cloudy sky.

Public Engagement

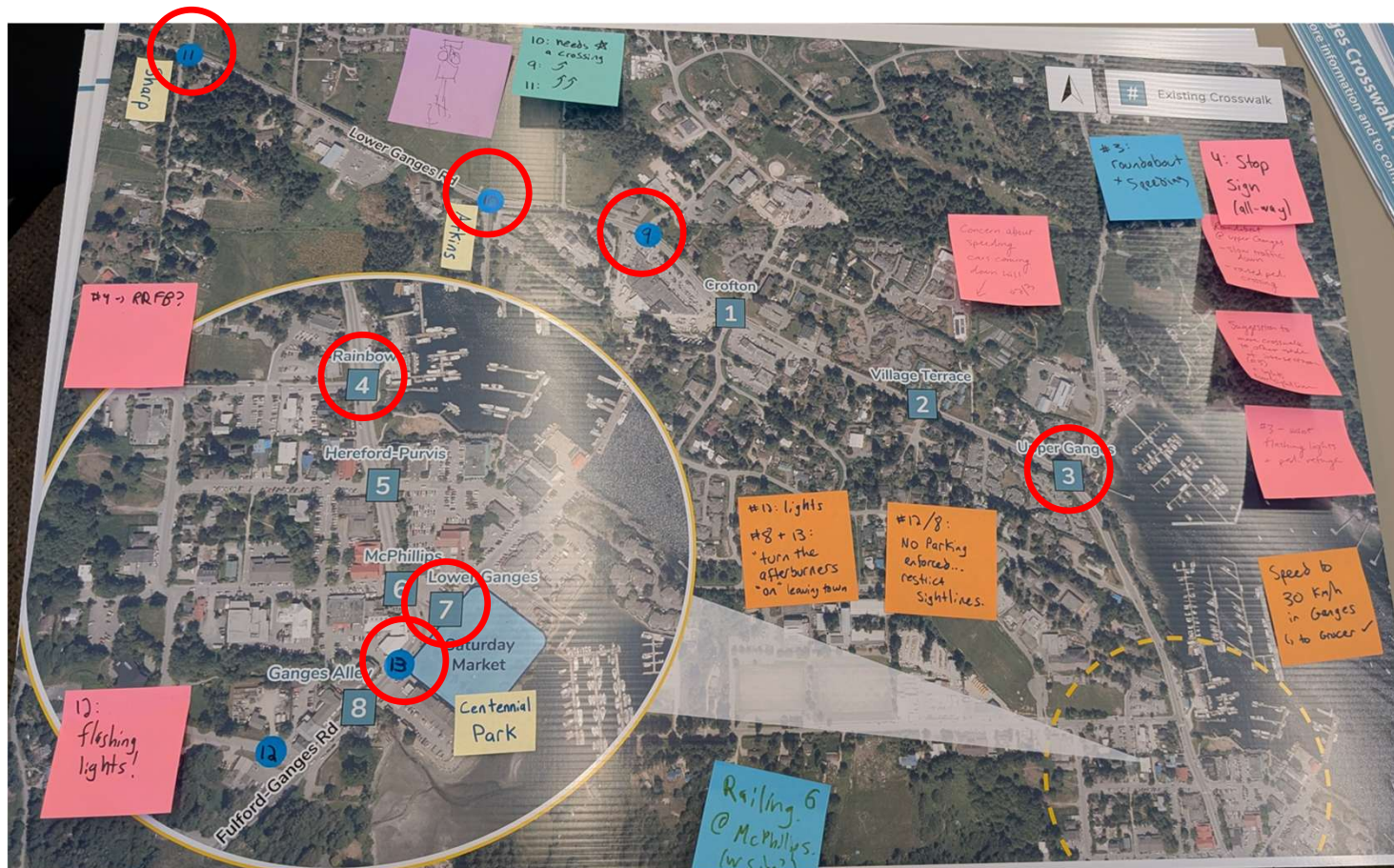
Public Engagement Overview

	In-Person Meetings	Crosswalk Comment Form	Open House
When	July 19 th , 2025	Aug 11 th - Sept 21 st , 2025	Sept 17 th , 2025
What	In-person discussions with various residents on crosswalk safety and experience Meeting with Island Pathways	4 Question Survey Opportunity for residents to comment on experiences and safety at existing crosswalks and provide input on where new crosswalks are needed	Data Collection Summary Crosswalk Analysis & Results Conceptual Design Review Mapping Station
Who	Island Pathways, ~10 individuals, a group of strata residents	75 unique contributors	~40 attendees

What We Heard – General Themes

- **Vehicle Speeds***
- **Pedestrian Safety and Comfort**
 - Frequent failure to yield, vehicles speeding past before pedestrians exit crosswalk
 - Lots of seniors and children in the area
- **Public Education**
 - Requests for a public education program on how to use crosswalks – STOP, LOOK, LISTEN or “Point to Safety”
 - School programs on children making eye contact with drivers to cross
- **Crosswalk Treatments**
 - Flashing lights are effective
 - “LOOK UP” pavement markings at crossings
 - Refresh pavement markings more regularly
 - Improved accessibility at crosswalks
- **Enforcement**
 - For speeding, and for failure to yield
- **On-street parking conflicts with crosswalk visibility**

What We Heard - Locations



- Generally consistent across open house, online form, and in-person discussions
- **New:** Atkins, Blain, Wildwood-Sharp heavily requested
- **Existing:** Improvements needed to Lower / Upper, Fulford-Ganges / Lower
- Flashing lights an emerging theme at many locations – help with pedestrian comfort

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Functional Designs

Top 6 Priority Locations

Functional Designs

1. Lower Ganges / Upper Ganges Road
2. Lower Ganges / Atkins Road
3. Lower Ganges / Blain Road
4. Fulford-Ganges / Salt Spring Coffee Parking + Gas Station
5. Lower Ganges / Purvis Lane – Hereford Ave
6. Lower Ganges / Village Terrace

Conceptual Design (scope expansion July 2025)

7. Lower Ganges / Wildwood-Sharp Road

Other Locations

- **Fulford-Ganges / Lower Ganges:** full intersection redesign is required for crosswalk and accessibility improvements (outside the scope of this project)
- **Lower Ganges / McPhillips:** crosswalk will form the north leg of the above intersection, no treatment recommendations at this time
- **Upper Ganges / Marina:** other priorities recommended over this location, low risk, minimal use is expected, and sightlines are clear for crossing outside of a marked crossing. Desire line for most pedestrian traffic is on the east side of Upper Ganges from Marina to Lower Ganges.
- **Lower Ganges / Rainbow:** crosswalk upgrades have been proposed in the Rainbow Road Sidewalk project. Flashing beacon will be retained. Potential to add a crosswalk over the north leg in the future.
- **Lower Ganges / Ganges Alley:** crosswalk and sight lines are sufficient, but better sidewalk is needed on the south side
- **Lower Ganges / Crofton:** existing flashing beacon works well.

Lower Ganges / Upper Ganges Road

- **Roundabout is the top recommendation,** supported by public engagement
 - Assists with traffic movement from Long Harbour on Upper Ganges
 - Helps decrease speeds entering the Ganges Area
 - Facilitates crosswalks on both legs
 - Limited space – may require property acquisitions (WB-20 design vehicle)
- **Crosswalk Only Recommendation**
 - Provided within the scope of this study
 - General support at open house



Lower Ganges / Upper Ganges Intersection: Property Lines

UPPER GANGES RD

LOWER GANGES RD

50.0m

INSTALL NEW LETDOWN

ERADICATE EXISTING CROSSWALK MARKINGS

REFRESH EXISTING RIGHT TURN ARROW

INSTALL ZEBRA MARKINGS (TYP.)

0.6m

3.0m

0.6m

1.8m

1.8m

1.8m

1.0m TYP.

ERADICATE LONGITUDINAL PAVEMENT MARKINGS AT CROSSWALK

INSTALL PRECAST CONCRETE BULL-NOSE (CBN-H) FOR PROTECTION

ERADICATE EXISTING SOLID YELLOW MARKING AT CROSSWALK

EXTEND 0.1m SOLID WHITE LINE

REFRESH EXISTING LEFT TURN ARROW

REMOVE EXISTING LETDOWN

INSTALL RAISED CONCRETE MEDIAN WITH PEDESTRIAN REFUGE

INSTALL NEW LETDOWN

ERADICATE EXISTING SOLID WHITE MARKING AT CROSSWALK

PS-1003-L
W/RRFB
R-014-L
W-054-L

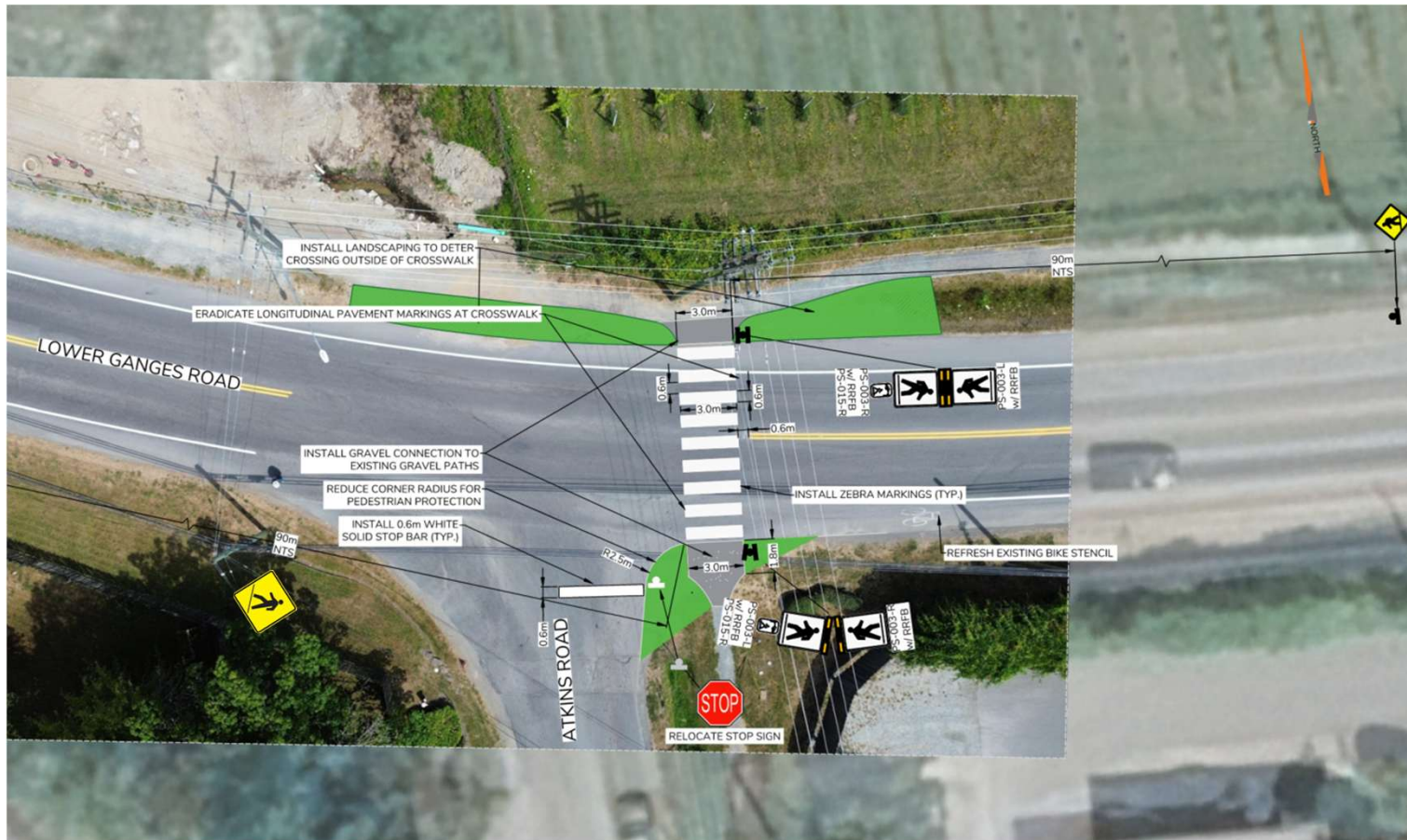
PS-1003-R
W/RRFB
R-014-R
W-054-R

CUSTOM
PS-1003-L
W/RRFB
R-014-L
W-054-L

PS-1003-R
W/RRFB
R-014-R
W-054-R

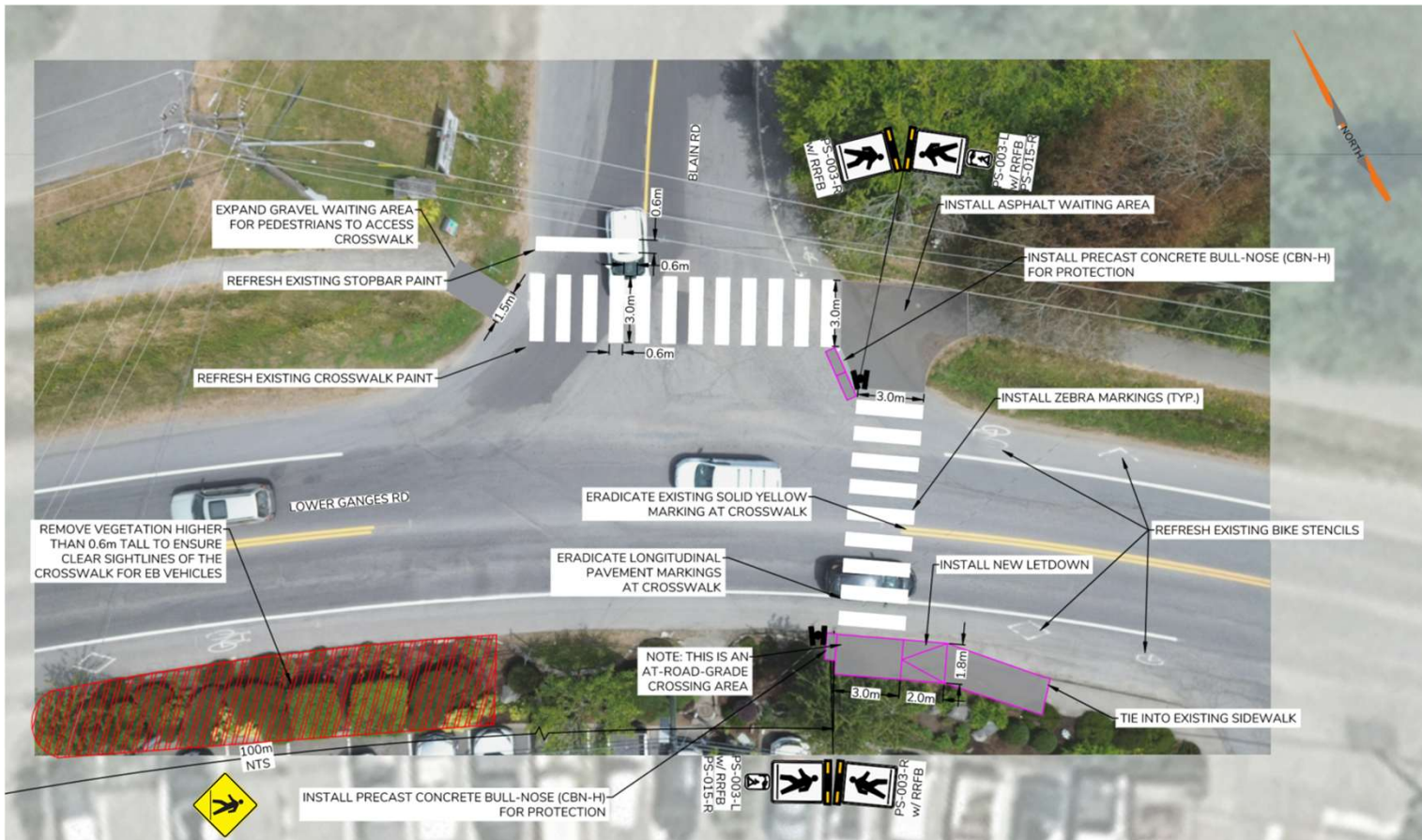
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Lower Ganges / Atkins Road



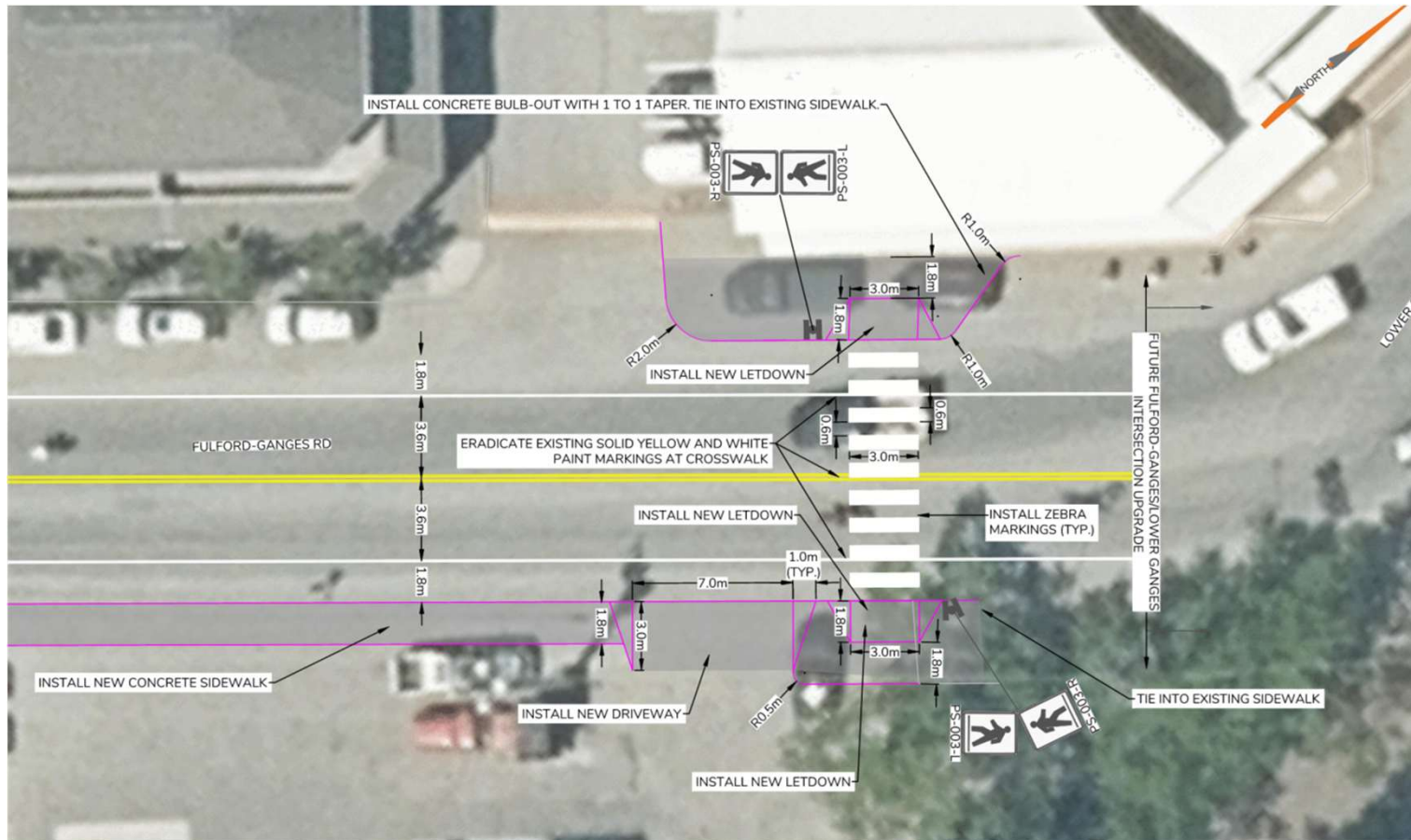
- Integral to Atkins path, very highly requested from engagement
- Impacted sightlines WB due to vertical curve + higher speeds expected after passing Country Grocer
- RRFBs improve visibility by extending available sight distance and expectation for drivers
- Northbound vehicles: relocate stop sign and paint stop bar, helps with sight distance

Lower Ganges / Blain Road



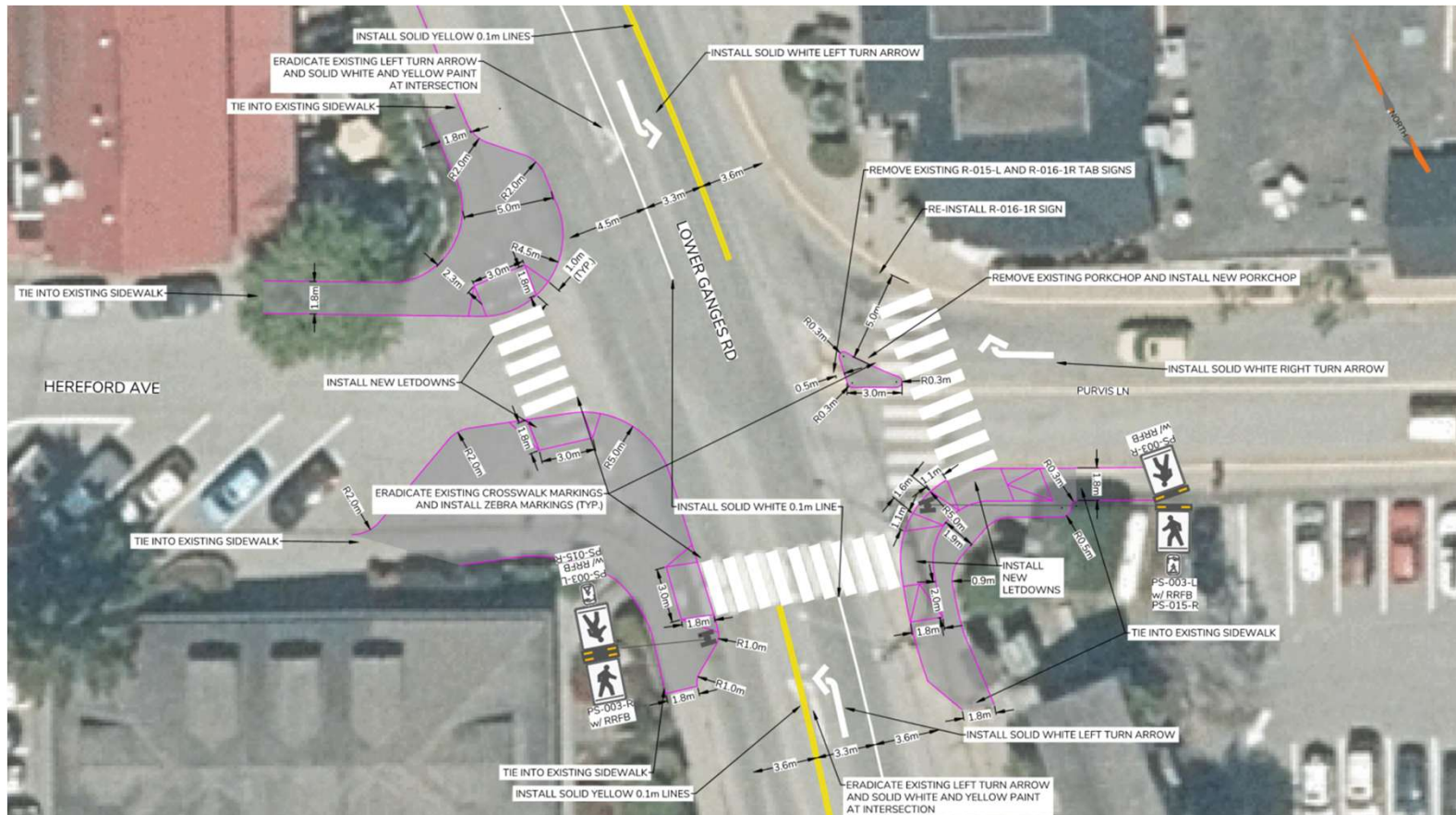
- Heavily requested
- High proportion of seniors look to cross here to access Country Grocer from Legion / Residential
- Closest crossing: Crofton 175m east → difficult for seniors with mobility impairments or devices
- RRFB install recommended to match Crofton control (high speeds anticipated)
- Limited sightlines eastbound requires vegetation removal

Fulford-Ganges / SSC Parking + Gas Station

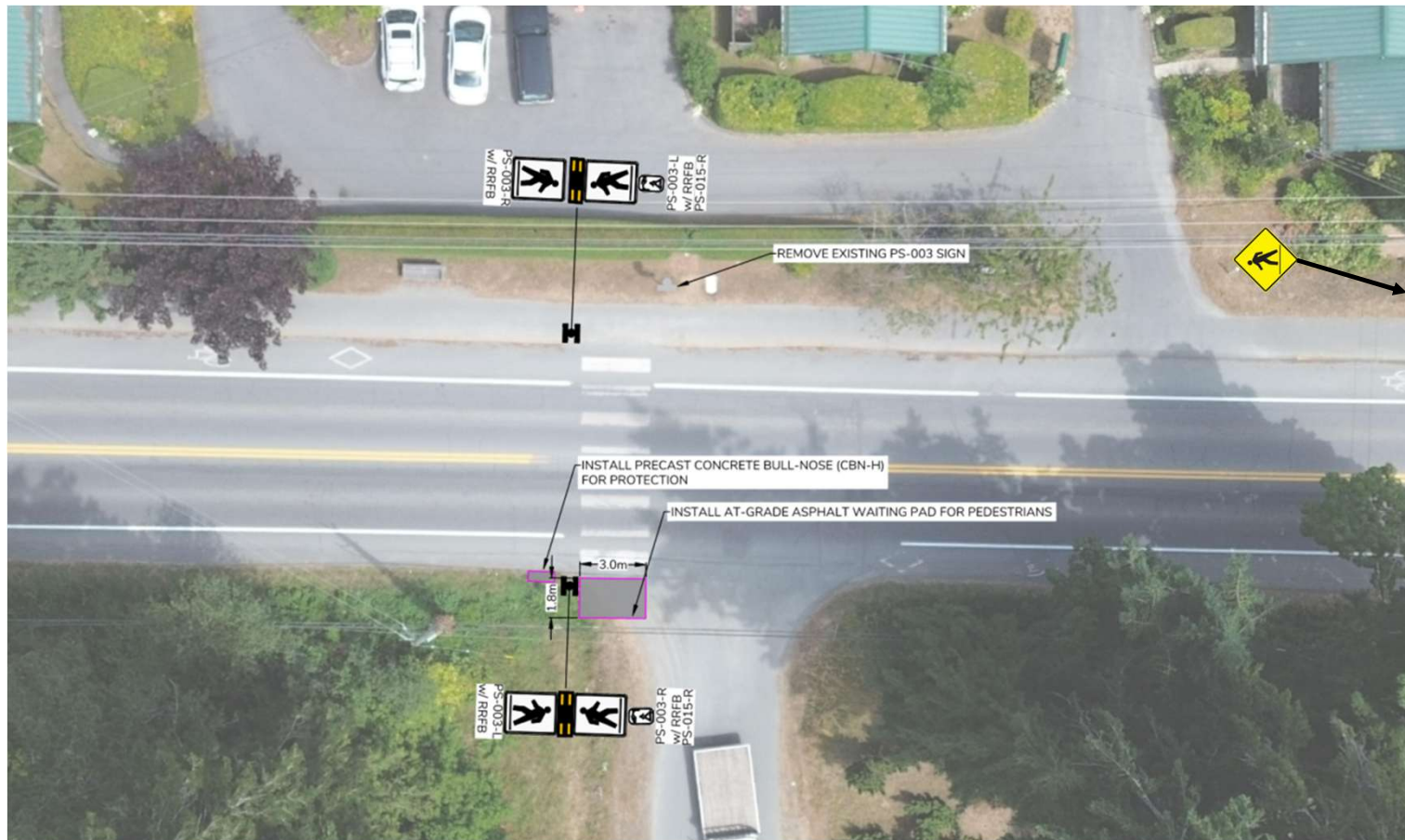


- **Heavy desire line:** 47% of crossers on Fulford-Ganges crossed near here
- **Easement:** two-way driveway to Centennial Park / commercial parking
- Opportunity to be the SW crossing for FG / LG intersection redesign
- Standard signed and marked crosswalk, concrete curb extension on the north side
- New sidewalk along the gas station side to Ganges Alley

Lower Ganges / Purvis – Hereford Avenue

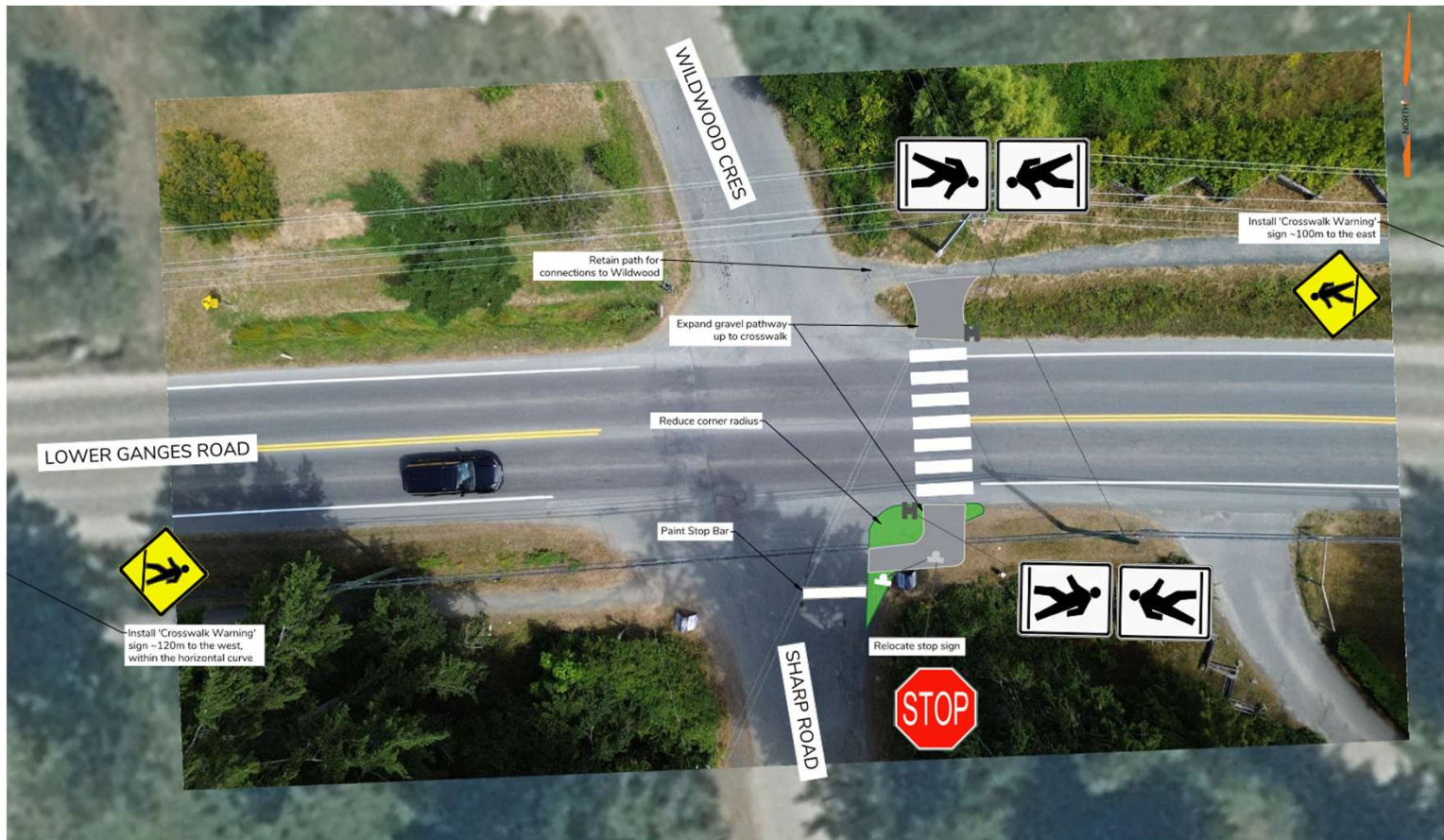


Lower Ganges / Village Terrace



- High proportion of seniors in the area cross here to access the bus and trail connector
- Located between steep grades to the east and west – poor sightlines
- Observed and highly noted failure to yield here
- High speeds (tubes installed 70m east)
- RRFB install recommended, paint refresh

Lower Ganges / Wildwood – Sharp Road



- Connectivity between trails on the northeast and southwest corners of the intersection
- Special request by the LCC / CRD to include a dedicated **conceptual** design
- Standard signed & marked crosswalk, gravel pathway improvements, sign relocation, reduced corner radius

Schedule & Next Steps

1. LCC Meeting #1
2. Data Collection (July)
3. Crosswalk Review and Analysis (July – August)
4. Conceptual Designs (August – September)
5. Open House / Public Engagement (September)
6. Functional Designs (October – November)
7. Meeting with Ministry of Transportation and Transit (November 4th)
-  8. **LCC Meeting #2 (November 20th)**
9. **Class D Cost Estimates, Final Drawing Package, Crosswalk Analysis Report Submission (Early- to Mid-December)**

Questions?

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