

PROJECT OVERVIEW

- Magnolia is a recommended low-stress bicycle corridor in the City's 2014 Bicycle Master Plan.
- Identified in the Old Town Neighborhoods Plan as a location needing crossing improvements.
- Provides a direct, parallel route to W. Mulberry Street, from City Park west to Downtown Fort Collins.
- Serves as a Safe Routes to School route for Dunn Elementary.
- Planned for construction in Summer 2020 in conjunction with utility upgrades along Shields Street.
- **Utilities project:** Beginning in June 2020, Utilities construction and maintenance crews will continue to replace and make improvements to aging water, wastewater and stormwater infrastructure along Shields. This annual pipe replacement program is coordinated with this bicycle and pedestrian project for efficiency, cost effectiveness and reduced neighborhood impacts. The utilities project is planned to take four weeks with a full closure of Shields Street from Mulberry to Olive.

fcgov.com/utilities/2020-water-sewer-stormwater-infrastructure-improvements

PROJECT DESIGN

- Selected through public feedback and multiple design iterations
- Standard pedestrian signal facing Shields traffic
- Stop controlled for vehicles on Magnolia
- Dedicated bicycle and pedestrian crossings and push buttons
- Pedestrian signal timed with Mulberry & Shields signal
- Protected crossing design similar the crossing at Laporte and Loomis.

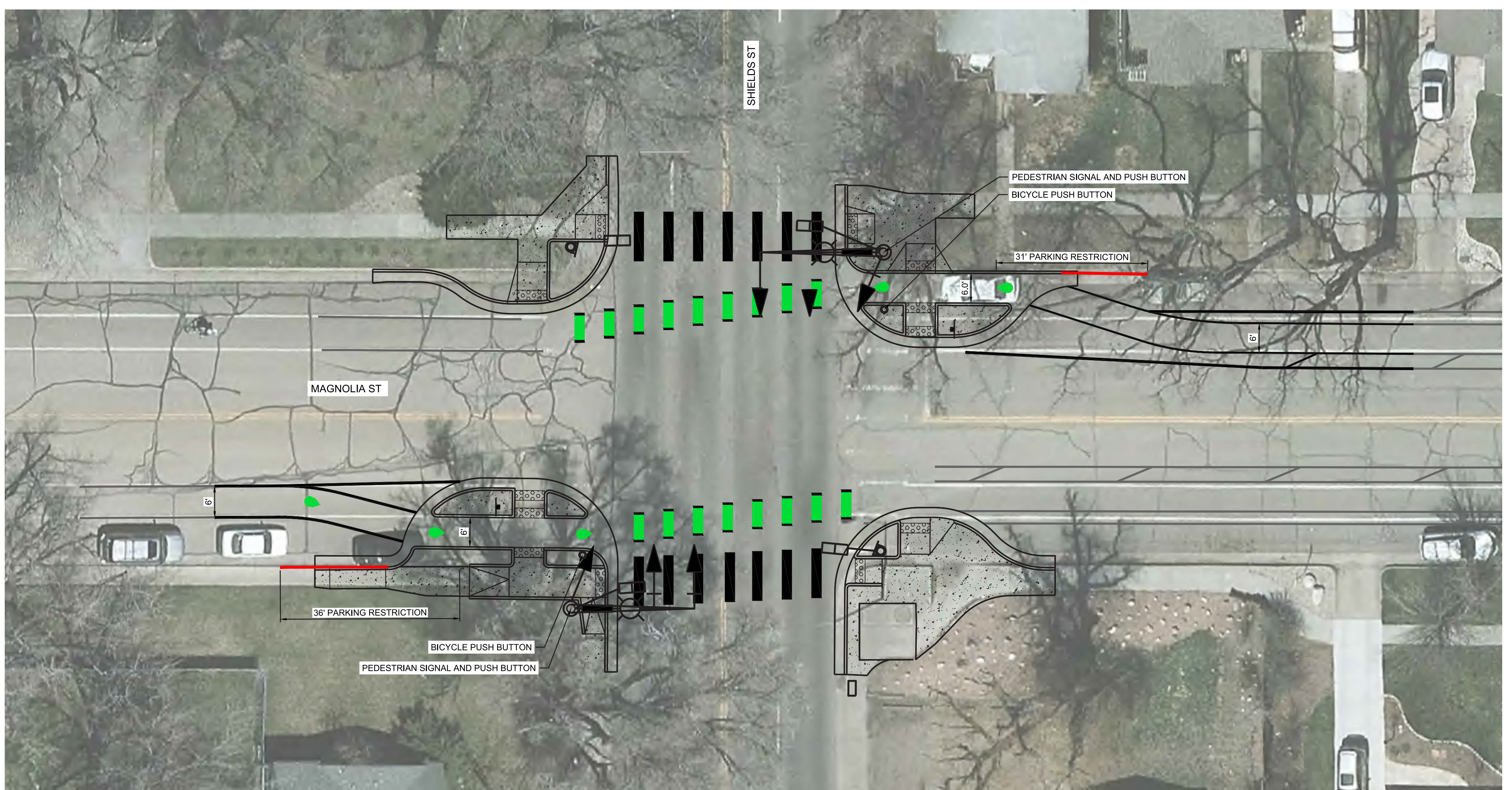
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EXISTING



SIMILAR DESIGN AT LOOMIS & LAPORTE



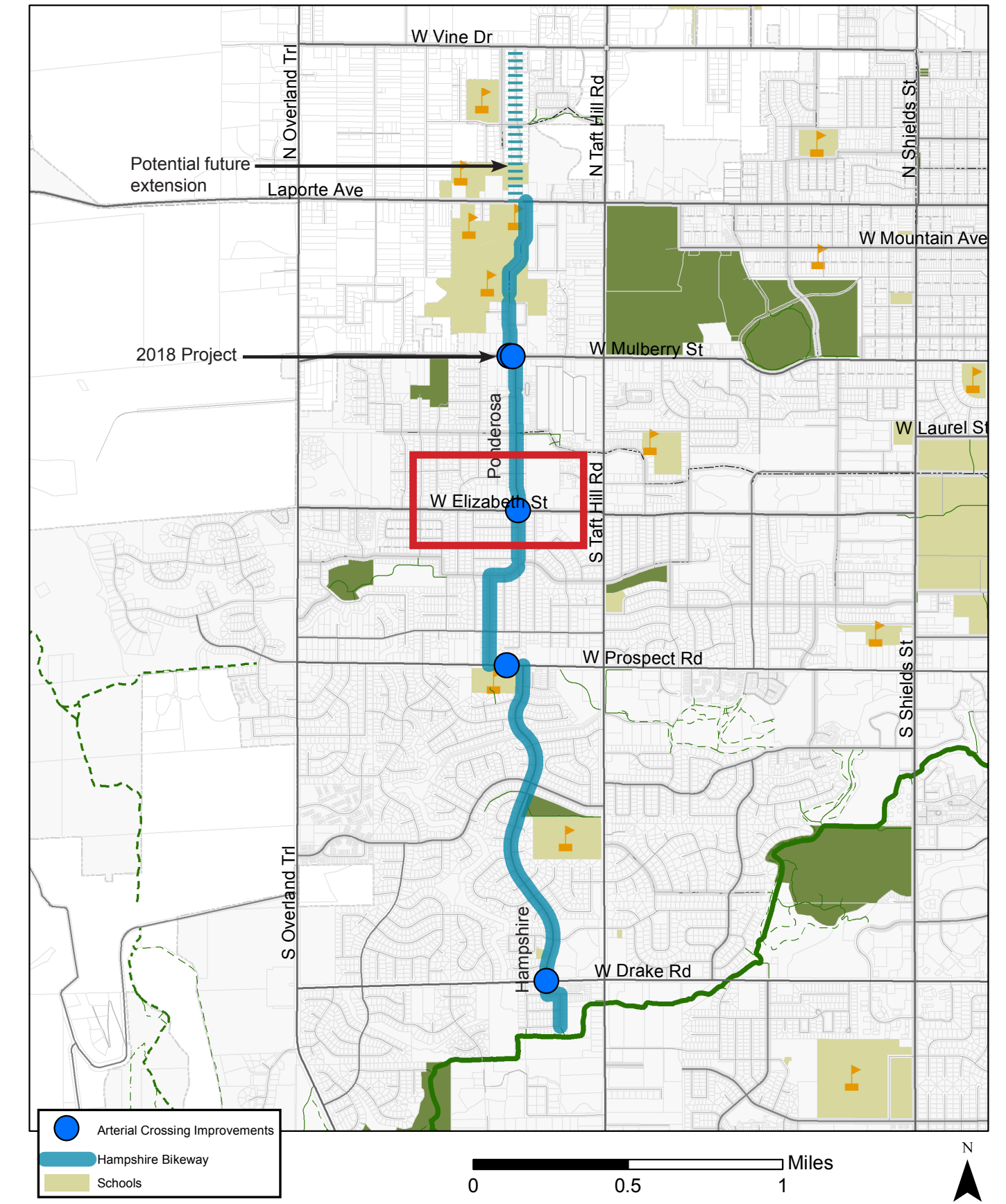
PROJECT OVERVIEW

- The Hampshire Bikeway is a recommended low-stress bicycle corridor in the City's 2014 Bicycle Master Plan.
- Arterial crossing improvements have been recommended at this intersection and four others along the Hampshire Bikeway to improve comfort for people bicycling and walking (one has been constructed, the others are in design).
- The Hampshire Bikeway serves several schools, including Poudre High School, Bauder Elementary, Blevins Middle School and potentially Irish Elementary in the future.
- Planned for construction in Summer or Fall 2020.

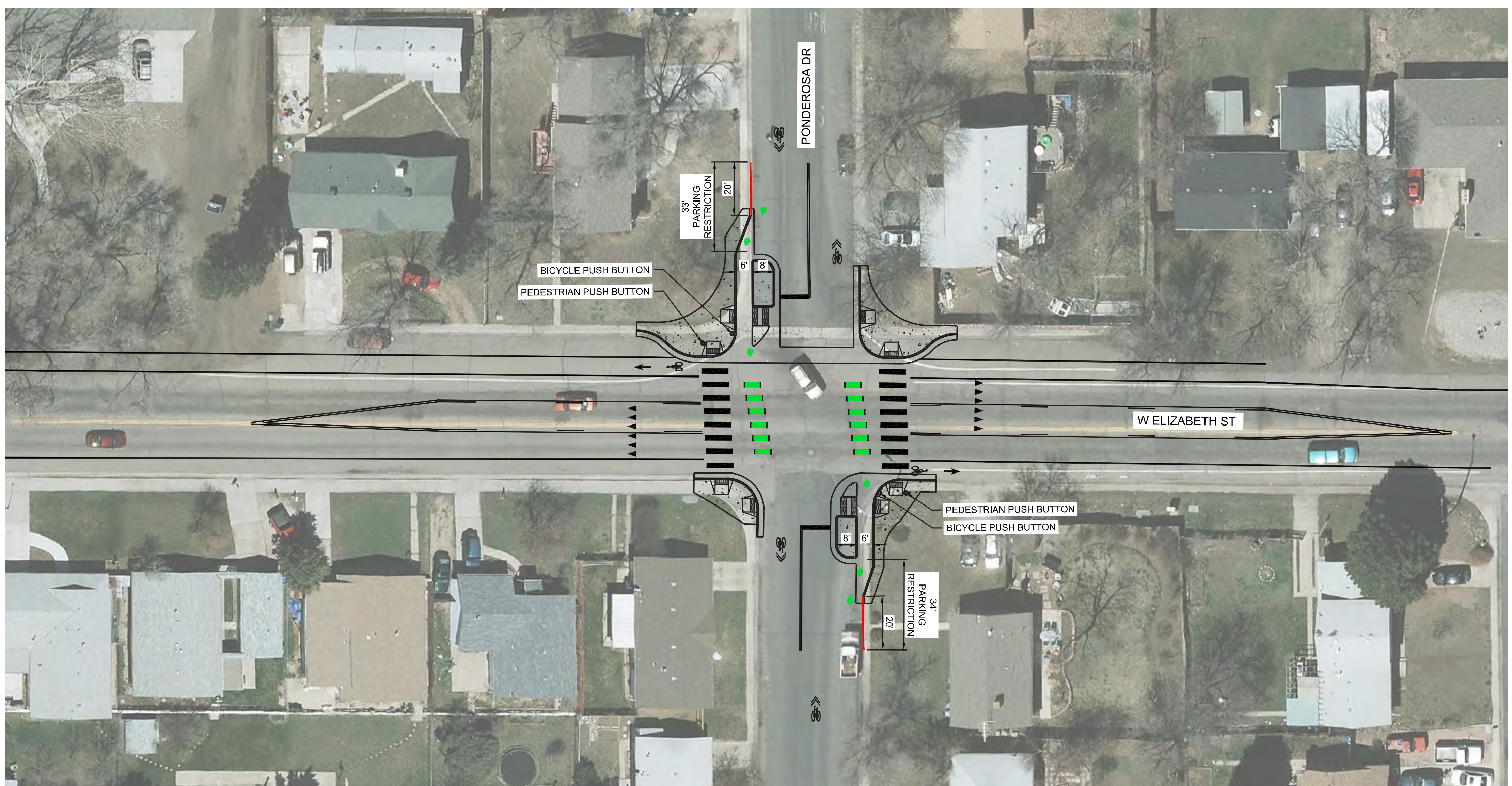
PROJECT DESIGN

- Rectangular Rapid Flashing Beacon (RRFB) control (similar to nearby crossing at King Soopers)
- Dedicated bicycle and pedestrian crossings and push buttons on east and west side of intersection
- Allows bicyclists to remain in protected bike lane to access push button and crossing
- Protected crossing design similar to the new crossing at Laporte and Loomis

Hampshire Bikeway



SIMILAR DESIGN AT LOOMIS & LAPORTE



EXISTING

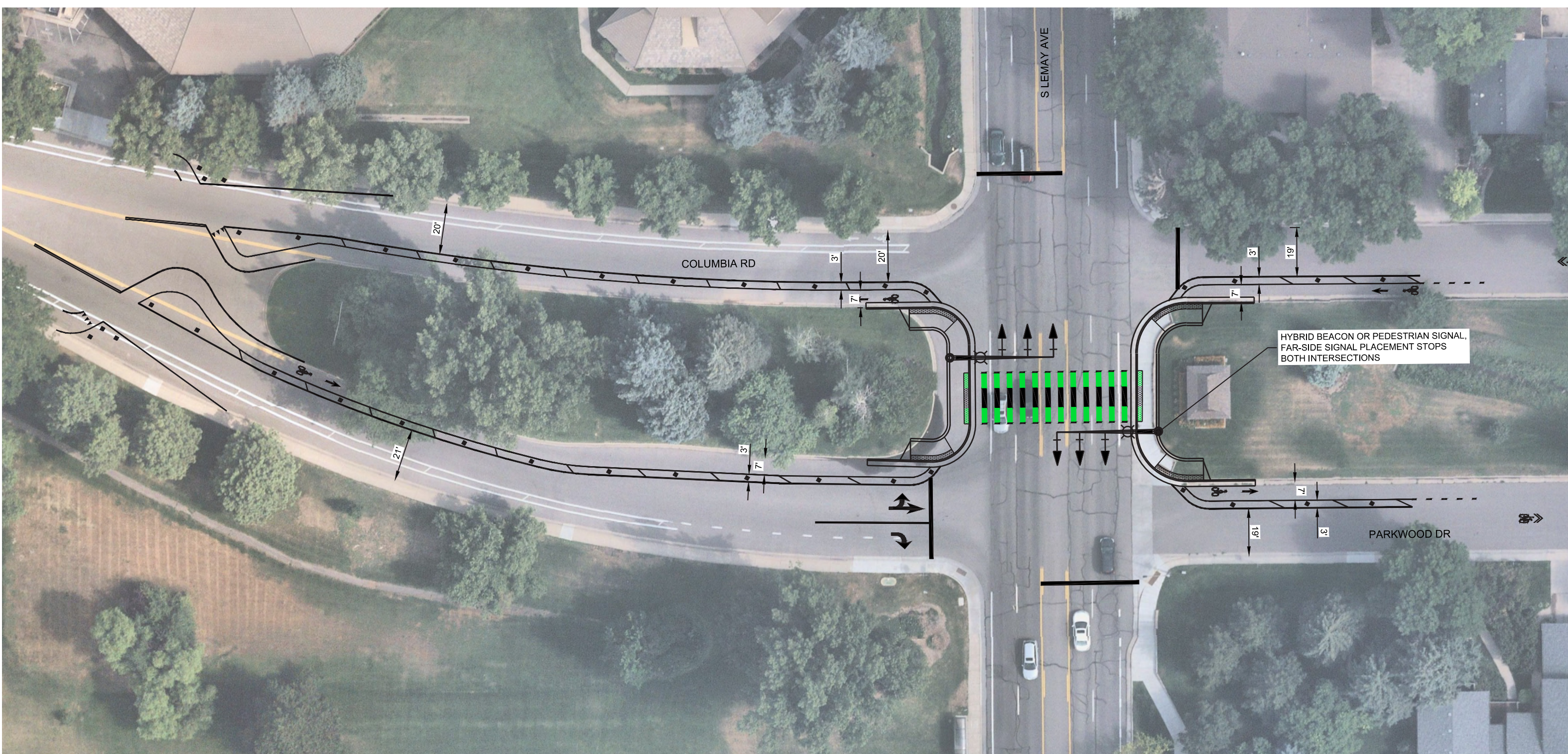
PROJECT OVERVIEW

- Columbia / Parkwood is a recommended low-stress bicycle corridor in the City’s 2014 Bicycle Master Plan.
- The crossing of Lemay is currently unsignalized, requiring bicyclists and pedestrians to cross 5 lanes of traffic during a gap.
- This project is planned for construction in 2020 or 2021 depending on funding availability.
- Input from residents further highlights the need for a dedicated bicycle and pedestrian crossing at this location.
- A full traffic signal is not warranted at this intersection.



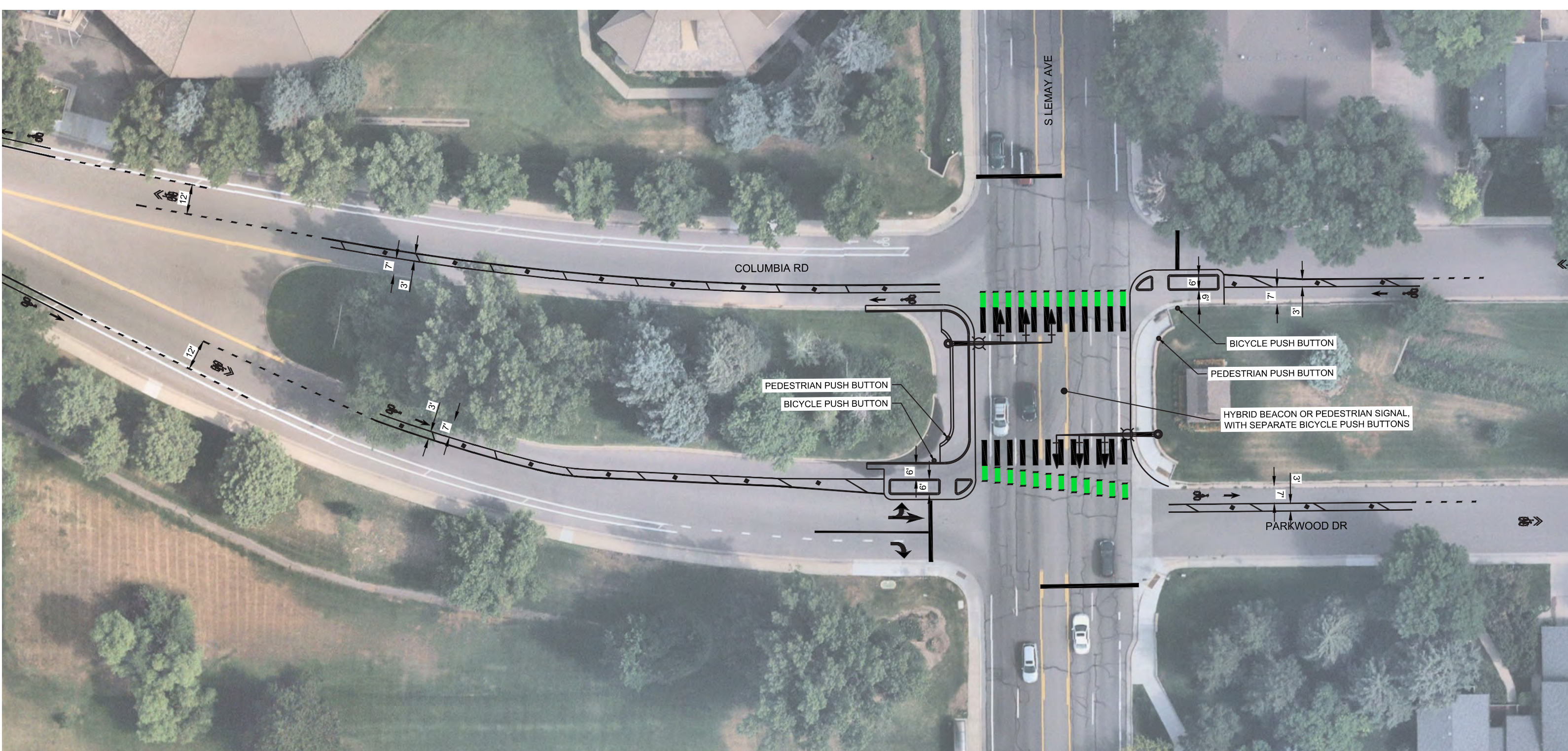
CONCEPT DESIGNS

INDICATE YOUR PREFERENCE:



CONCEPT 1

- Pedestrian Signal facing Lemay traffic
- Stop controlled for vehicles on Columbia / Parkwood
- Consolidated bicycle and pedestrian crossing
- Minimizes number of signal poles and cost



CONCEPT 2

- Similar to above concept except bicycle and pedestrian crossing provided on both sides of median (providing a more direct crossing)

