

2025 Adaptive Design Traffic Calming Transportation Commission

6/18/25



Overview

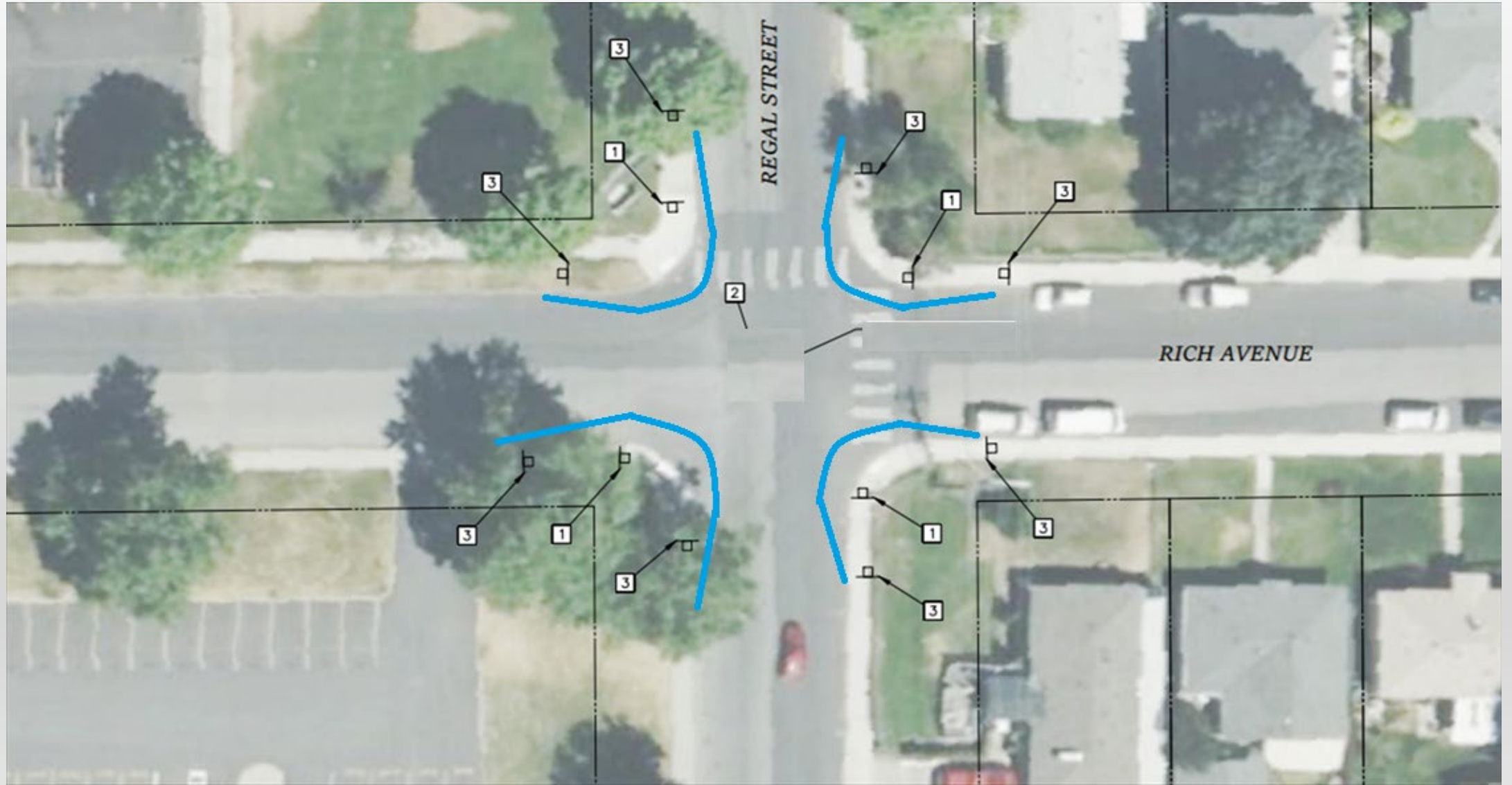
- Small Works Bid: Early-mid Summer 2025
- Construction: Late Summer 2025
- Traffic Calming Package
 - Cycle 13 Traffic Calming Adaptive
 - \$150k in bike lane delineator testing
- West Quadrant TIF Package
 - Chestnut – Elm Greenway Phase 1

Package #1

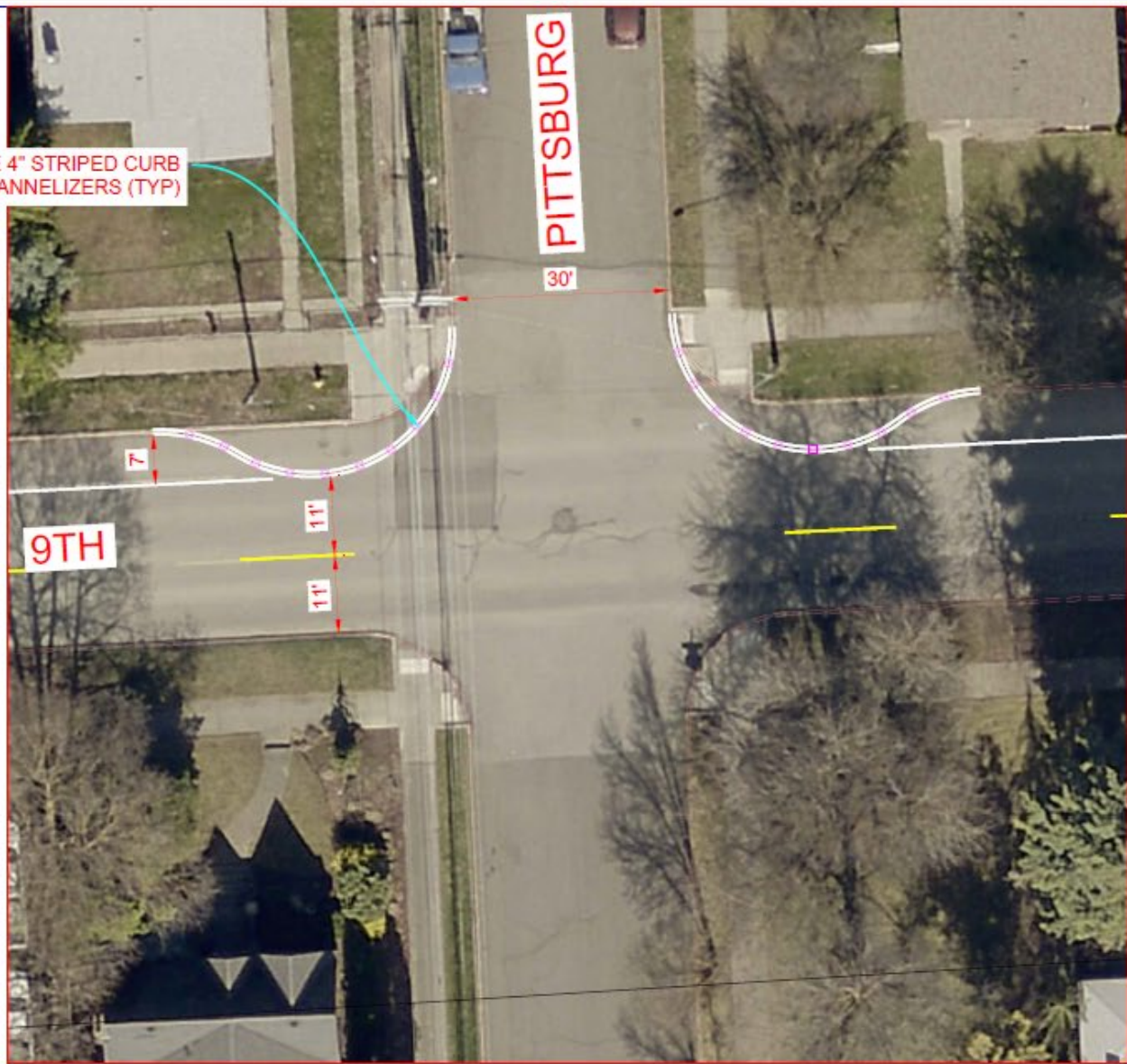
Cycle 13 Traffic Calming

2025045

Bemiss Regal / Rich



East Central 9th Avenue bumpouts



Manito Cannon-Hill

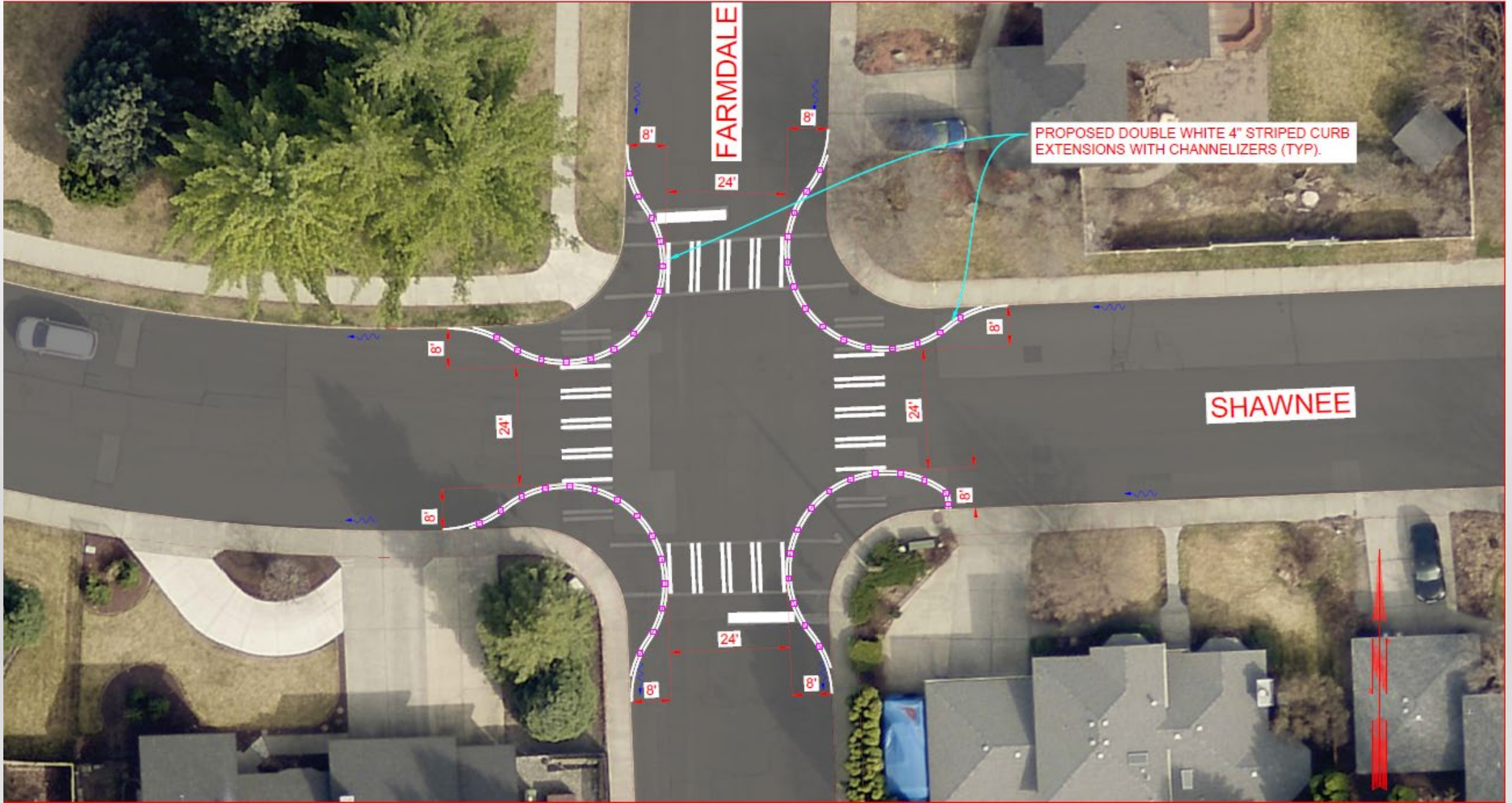
Bernard Street bumpouts

Add a bumpout at Bernard/ 27th
Avenue as well



North Indian Trail

Shawnee/Farmdale and Barnes – page 1



North Indian Trail
Shawnee/Farmdale and Barnes – page 2



Package #1

Bike Lane Delineators

2025045

Added to Cycle 13 funding Resolution

Approved as to form:

City Attorney

PURPOSE OF AMENDMENT: This amendment adds a recital and resolution clause referring to a \$150,000 allocation for innovative bicycle enhancements, modifies the specific projects listed in Exhibits A and B, and adds example images of listed interventions in Exhibit C.



Armadillo Lane Segregators
Credit: Tactical Urbanism Materials and Design Guide



Narrow or Wide Concrete Curbs
Image source: Portland's latest protected bikeway goes through an industrial zone on city's northern edge – BikePortland

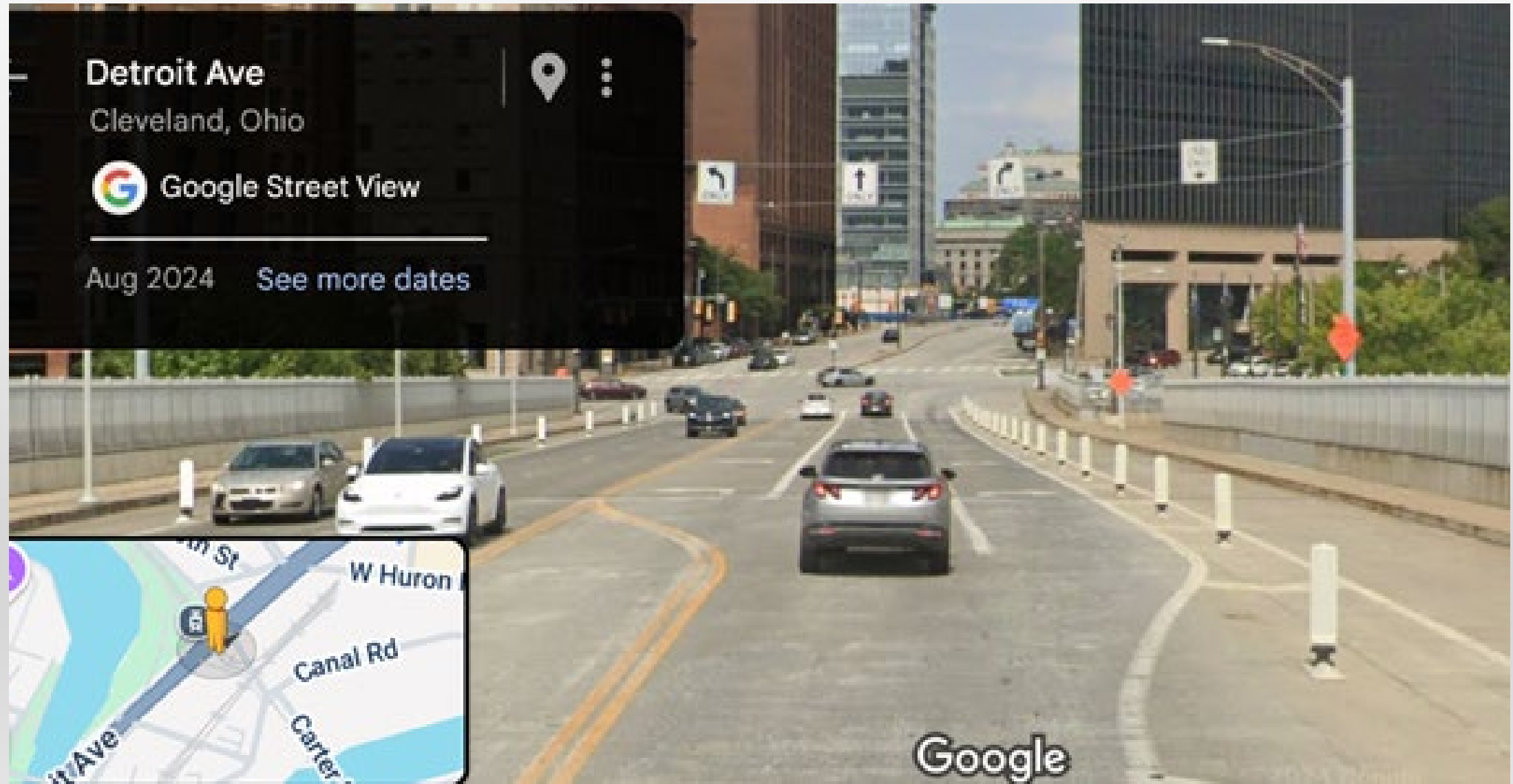


Frequent Flex Posts – City of Toronto, ON
Source: Layout - Bicycle lane - bike lane - cycle track - multi-use path flexible bollard - delineator - post



Planters
Source: Bike Lanes & Crosswalk Applications | Sybertech Waste

Delineators under consideration (Qwik Kurb Mega-Marker)



Delineators under consideration (Zicla Zebra or “armadillo”)



Delineators under consideration (Zicla Zipper)



Delineators under consideration (precast or cast-in-place curb)



Possible Locations

- Replace delineators on Riverside downtown
- Test new delineators along Strong Road – between the bike path and the road
- Along Belt after G&O from Garland to Longfellow
- Riverside Avenue by Maple Street Bridge on-ramp
- Sunset (Latah) Bridge delineators for shoulder
- Delineators in Addison buffers approaching Wellesley
- Delineators on sections of Crestline with existing buffers
- Delineators or curbs on Main next to the Parkade ramp

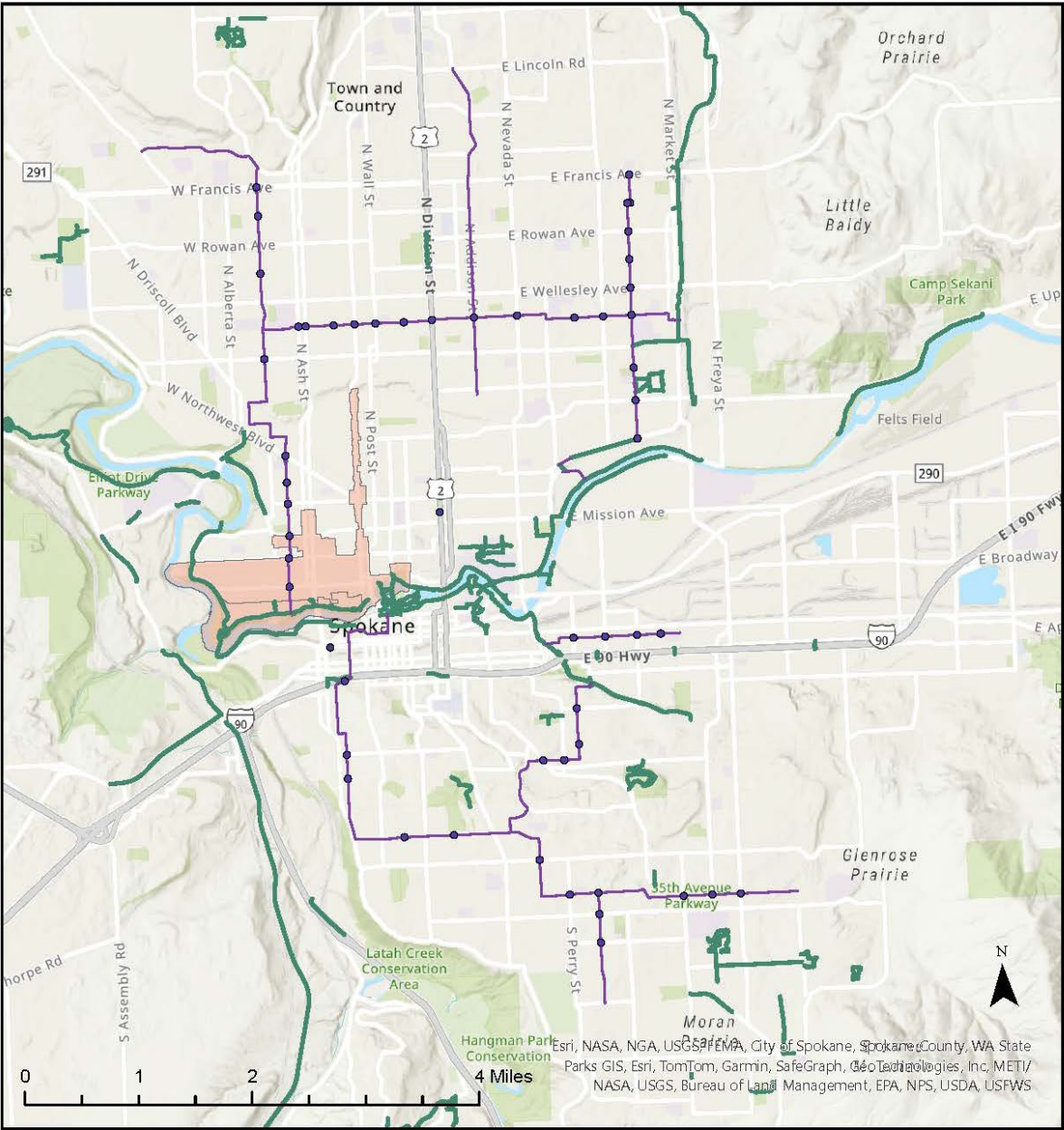
Package #2

Chestnut – Elm Greenway Phase 1

2025057

Overview Map

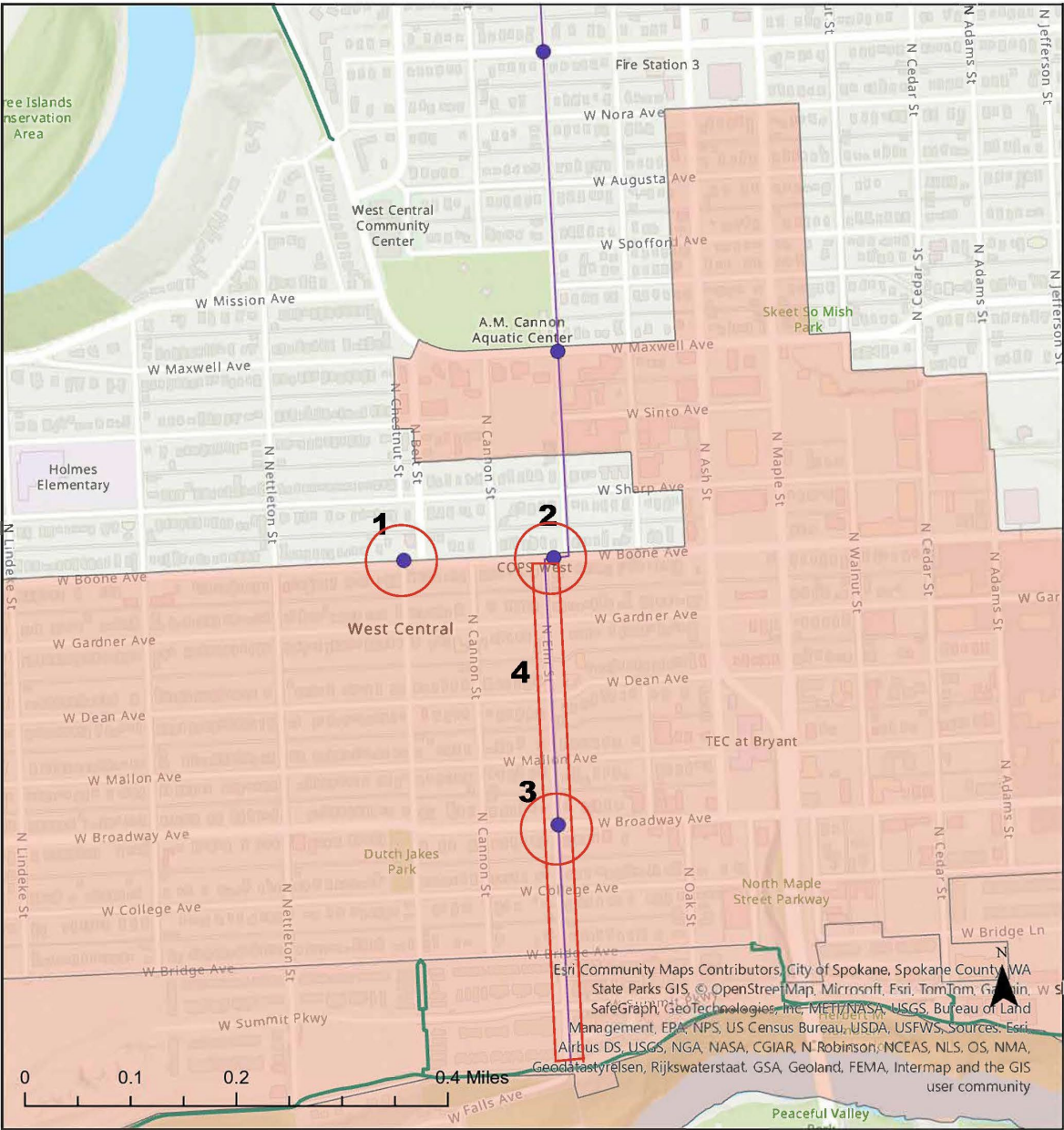
West Quadrant TIF District and the "27 by 2027" Urban Mobility Network



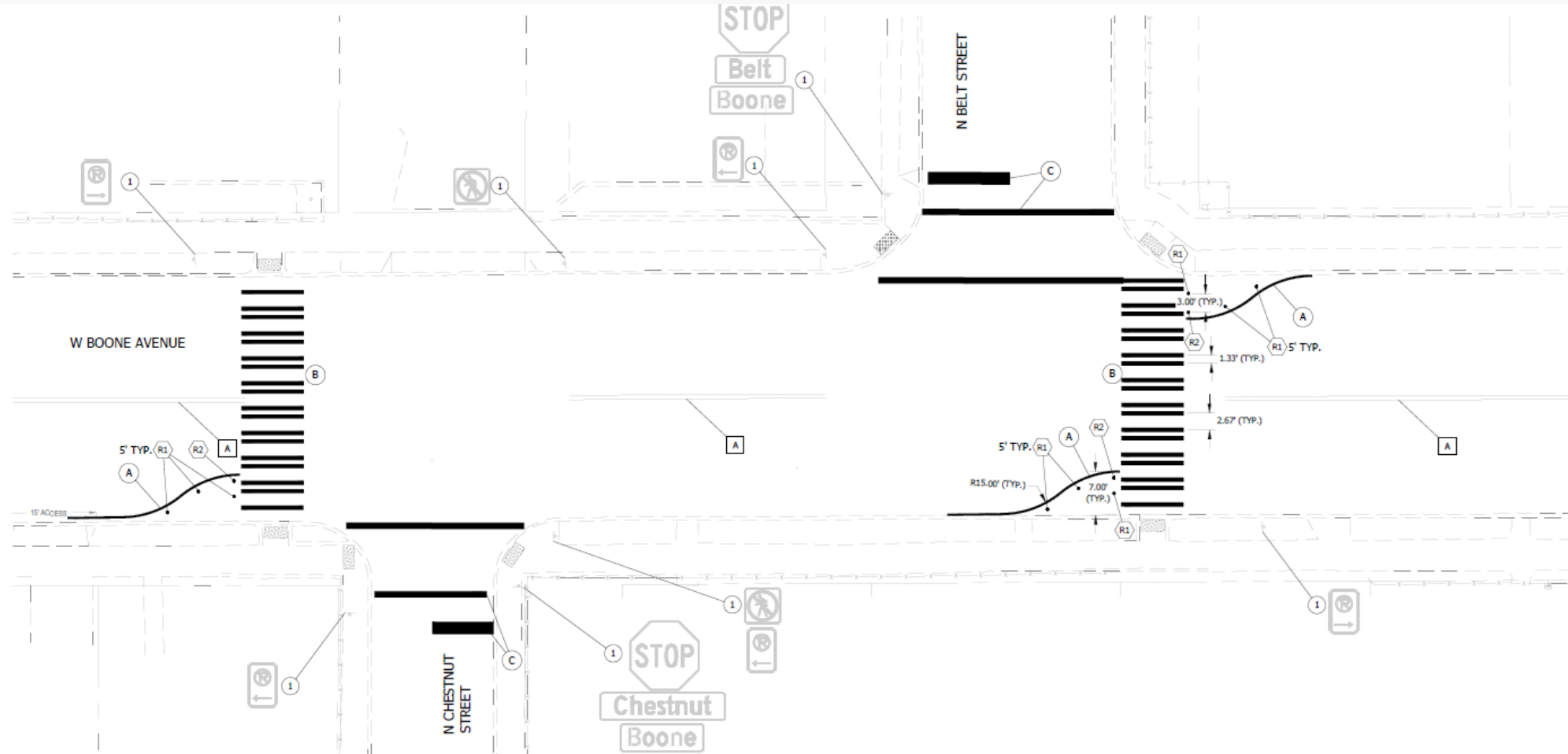
- 27x27 Intersections
- 27x27 Network Routes
- Current Bikeway Network
- Shared Use Pathway
- TIF District Boundary

Detail Map

West Quadrant TIF District and the "27 by 2027" Urban Mobility Network



Chestnut – Elm Greenway Phase 1



GENERAL CONSTRUCTION

1. ADJUST CHANNELIZER SPACING AS NEEDED TO AVOID PLACING CHANNELIZERS IN GUTTER PAN OR ON EXISTING CATCH BASINS OR VALVE COVERS.
2. CHANNELIZERS SHALL NOT BE PLACED ON TOP OF PAINTED HMA. CONTRACTOR SHALL FIRST PLACE CHANNELIZERS BEFORE STRIPING CURB EXTENSIONS.

SIGN LEGEND

- 1 NO WORK THIS PROJECT

STRIPING REMOVAL LEGEND

- A NO WORK THIS PROJECT

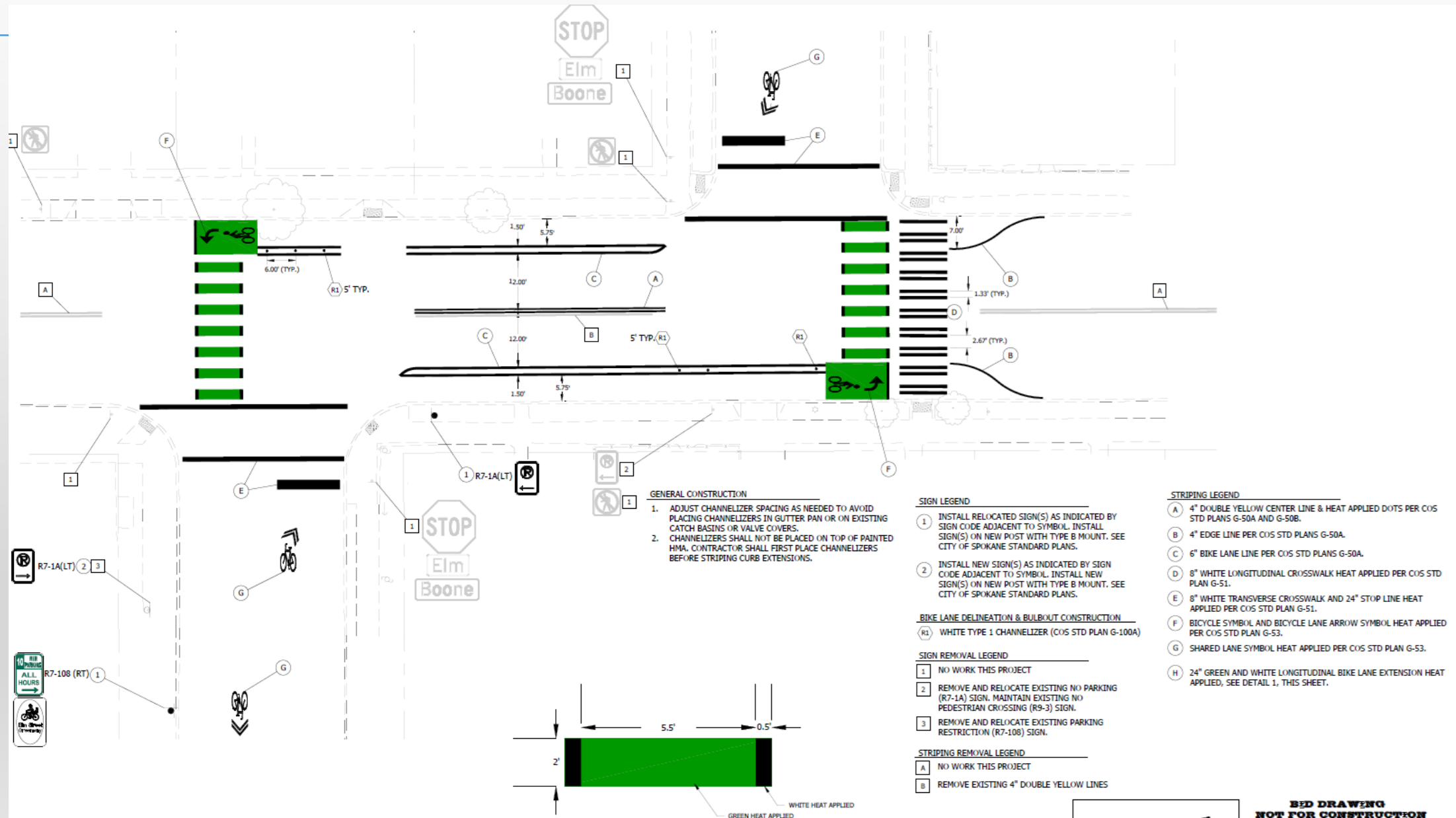
BIKE LANE DELINEATION & BULBOUT CONSTRUCTION

- R1 WHITE TYPE 1 CHANNELIZER (COS STD PLAN G-100A)
 R2 WHITE TYPE 3 CHANNELIZER (COS STD PLAN G-100C)

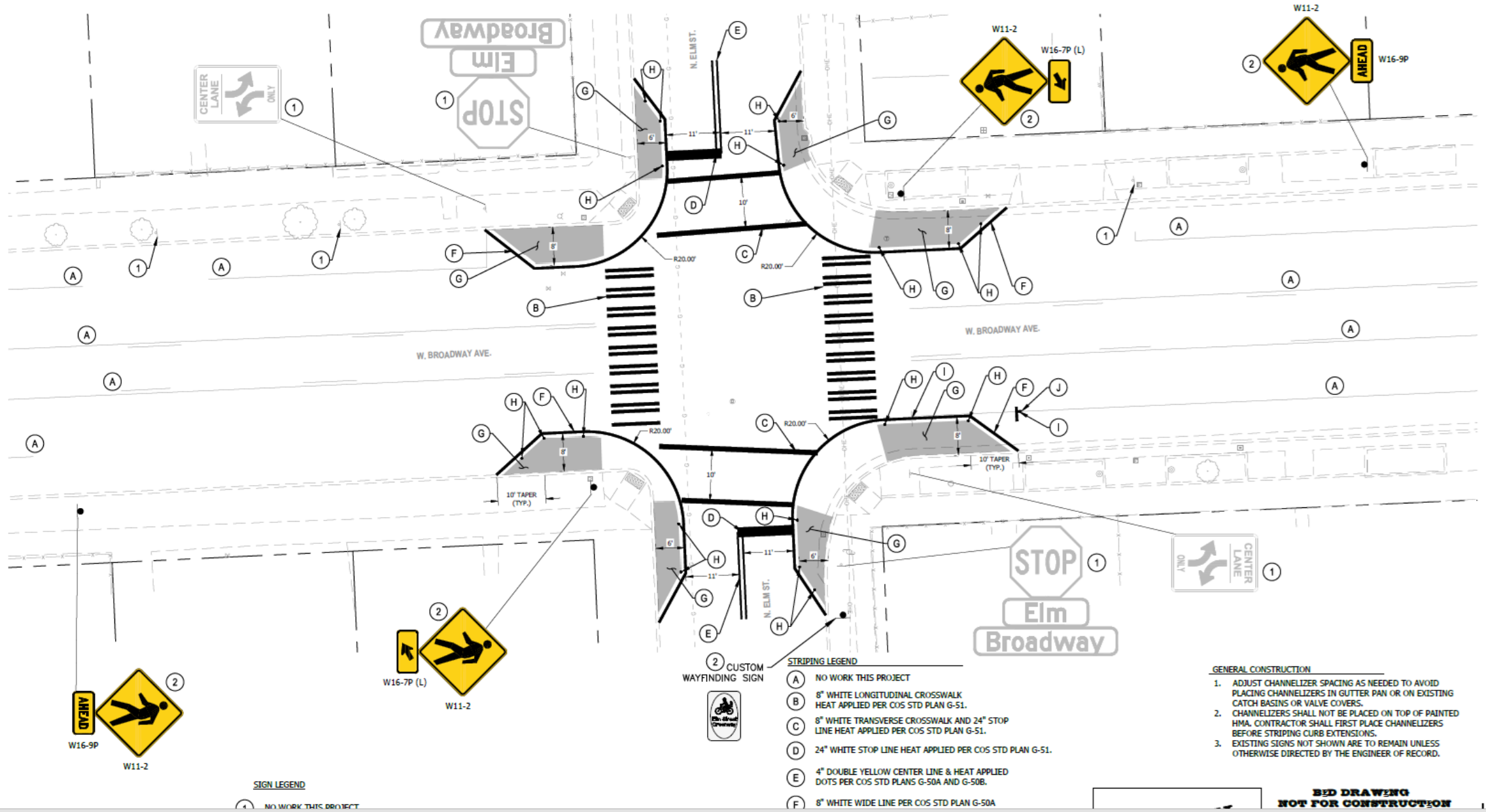
STRIPING LEGEND

- A 4" EDGE LINE PER COS STD PLANS G-50A.
 B 8" WHITE LONGITUDINAL CROSSWALK HEAT APPLIED PER COS STD PLAN G-51.
 C 8" WHITE TRANSVERSE CROSSWALK AND 24" STOP LINE HEAT APPLIED PER COS STD PLAN G-51.

Chestnut – Elm Greenway Phase 2



Chestnut – Elm Greenway Phase 2



Chestnut – Elm Greenway Phase 2



SIGN LEGEND

- ① INSTALL NEW CUSTOM BICYCLE GREENWAY WAYFINDING SIGN. INSTALL NEW SIGN(S) ON NEW POST WITH TYPE B MOUNT. SEE CITY OF SPOKANE STANDARD PLANS.
- ② INSTALL NEW CUSTOM BICYCLE GREENWAY WAYFINDING SIGN. INSTALL NEW SIGN(S) ON EXISTING SIGN POST.

Cost Summary

	Estimate
<i>Package #1</i>	
Traffic Calming Cycle 13	<\$150,000
Traffic Calming Bike Lane Delineators	\$150,000
<i>Package #2</i>	
West Quadrant TIF Chestnut- Elm Greenway	\$130,000