

"Missing Link" Bike Route Study on NW Market St - Leary Ave NW - 17th Ave NW 10% Design Update



**Ballard Stakeholders
Presentation
February 27, 2024**

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SDOT**

Background

- Councilmember Dan Strauss and Mayor Bruce Harrell requested that SDOT study this route as an option for connecting the Burke-Gilman Missing Link with an all ages and abilities bicycle facility through Ballard
- Design to mimic NW Market St west of 24th Ave NW
- SDOT has 100% designs for a proposed route along Shilshole Ave NW, however construction along this route has been paused due to ongoing litigation for over 25 years
- SDOT has been directed to use a portion of existing funds allocated to the Burke Gilman Trail Project on Shilshole to develop this conceptual design to 30%
- This effort would not preclude future safety improvements on Shilshole



Existing asphalt pathway near NW Market St and 28th Ave NW

Purpose and Agenda Today

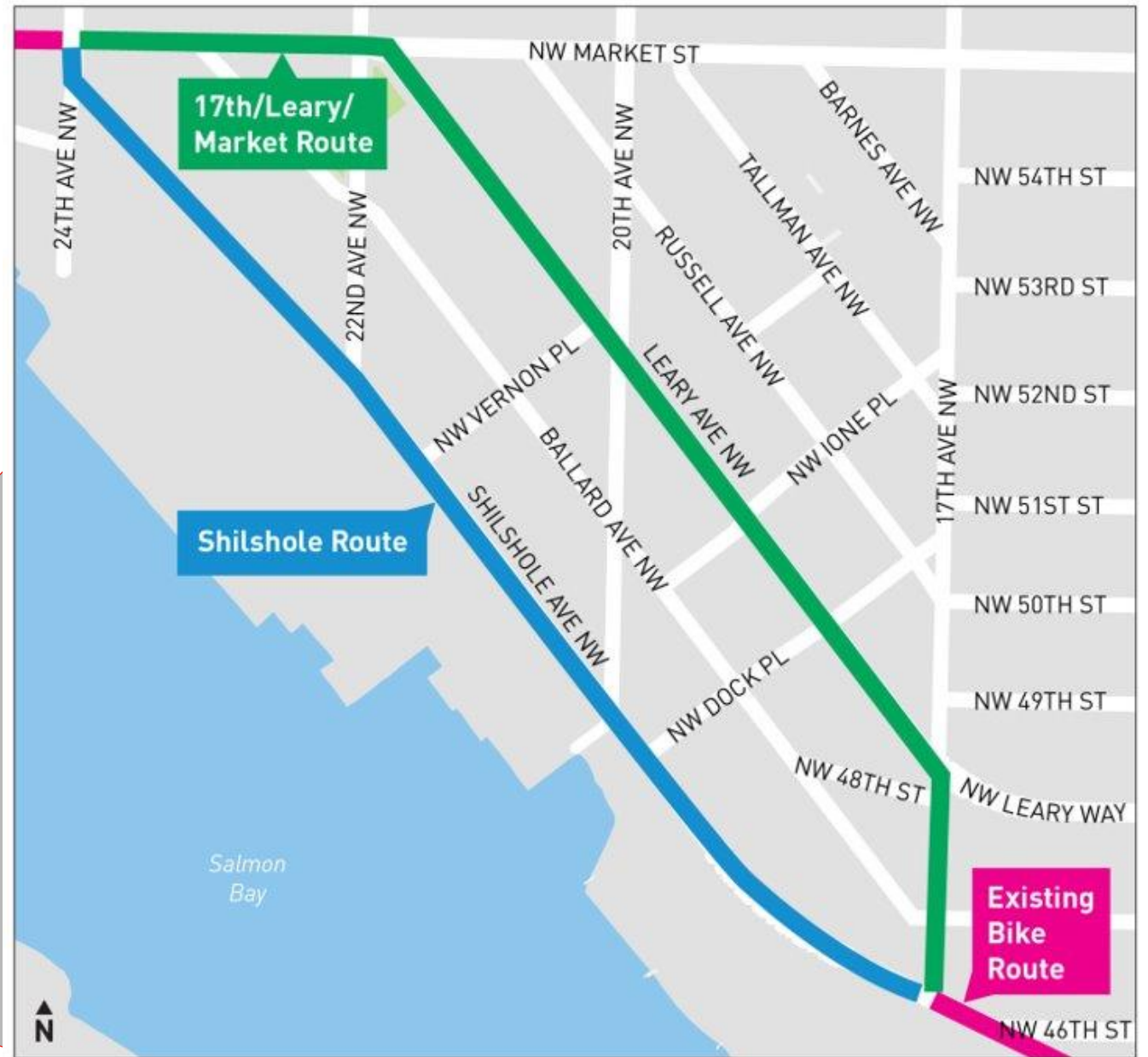
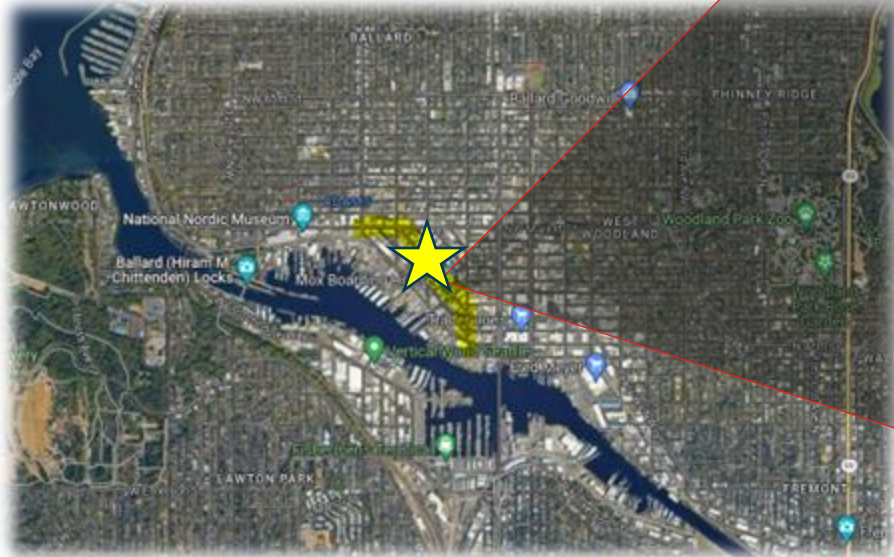
- Brief background
- Outreach Update
- Share 10% design
- FAQs
- Next steps
- Answer questions and hear feedback



Project A-Frame on NW Market St and 22nd Ave NW

Route

- Alternative connection would extend along NW Market Street two blocks east from 24th Ave NW and then run along Leary Ave NW to 17th Ave NW where it re-joins the Shilshole Route as designed to connect to the Burke Gilman Trail



Project Elements:

- A 10 ft wide and .6-mile-long multi-use trail/shared use path connection as part of the Burke Gilman Trail
- New ADA-compliant curb ramps
- Additional curb bulbs
- Raised crossings at some intersections
- Traffic signal updates to accommodate trail crossings
- Operational changes proposed on 22nd Ave NW and NW 48th St to allow for back-in angle parking and one-way vehicular travel



Outreach by the Numbers

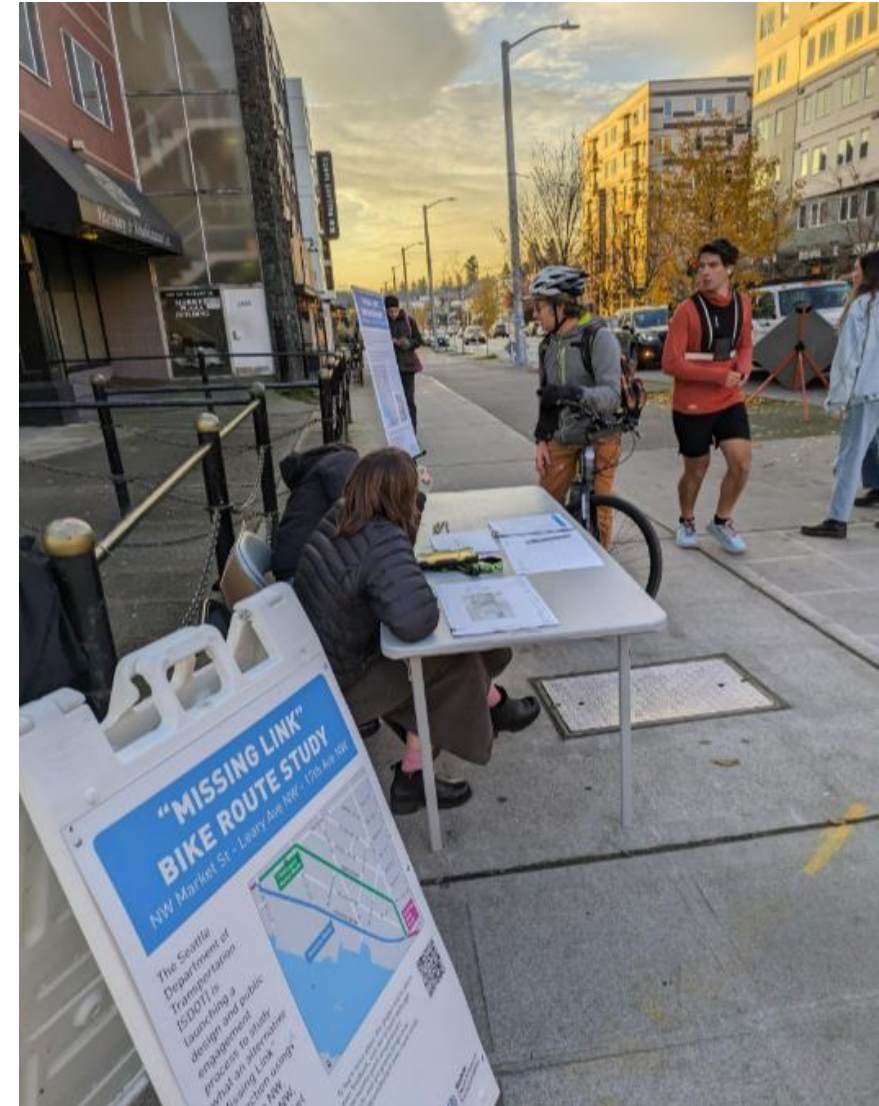
- **3,625** postcards sent to project neighbors
- **3** a-frames placed throughout project corridor
- **4** listserv emails sent to **over 1500+** participants
- **Over 1,700** responses to our online survey
- **Over 600** responses to 10% Design Comment Webform
- Regular web updates & posts on SDOT Twitter



Project A-Frame on NW Market St and 24th Ave NW

Outreach by the Numbers

- **One** Virtual Open House
- In-person conversations with **80 businesses** during door-to-door outreach
 - Feedback on project design, parking, and loading zones
- Over **200+** emails sent to project inbox
- **3** tabling sessions along project corridor
- **3** meetings at the Ballard Landmark
- **3** presentations to Seattle Bike/Freight Advisory Boards
- In-person and virtual meetings with project neighbors as requested



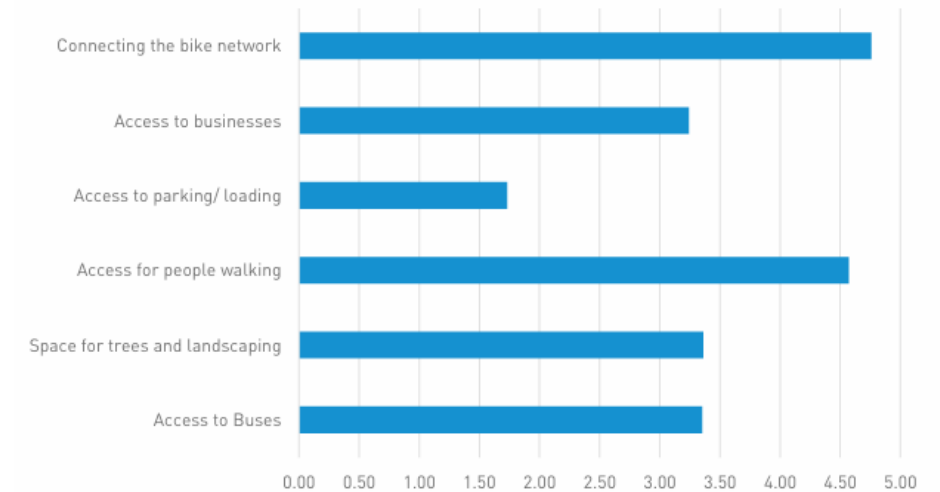
Tabling at NW Market St and 24th Ave NW on November 28, 2020

Outreach Summary (Survey)

- 1,739 Total Responses
- Highlights from Survey:
 - Wide variety of opinions
 - Priority to connect the bike network
 - Preference for Shilshole as bike route
 - Like treatment west of 24th Ave NW on Market
- Survey opened on July 24, 2023; and closed September 8, 2023
- [SurveySummary_MarketLeary17 \(1\).pdf \(seattle.gov\)](#)

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Please rank the following priorities in this corridor:



ANSWER CHOICES	SCORE
Access to buses	3.35
Space for trees and landscaping	3.36
Access for people walking	4.57
Access for parking / loading	1.73
Access to businesses	3.24
Connecting the bike network	4.76
Total Respondents: 1,512	

Outreach Summary

(What We Are Hearing From Door to Door & Tabling Fall 2023)

- Excited for opportunity to activate space for more users and make businesses more visible
- Excited for a new amenity to travel on and all the additional safety improvements that would come with it like landscaping, ramps, and signals
- Concerns from businesses regarding parking loss and impacts to loading activities
- Worry about negative pedestrian experience with bikes potentially moving faster in adjacent facility. Safety concerns with too many bikes and crossings
- We continue to hear support for safety improvements and bike facilities on Shilshole
- Concerns about construction duration that would cause loss of business and impacts to existing tree canopy
- Confusion about how the connection at 17th would connect to the rest of the trail and what would happen to Shilshole in future



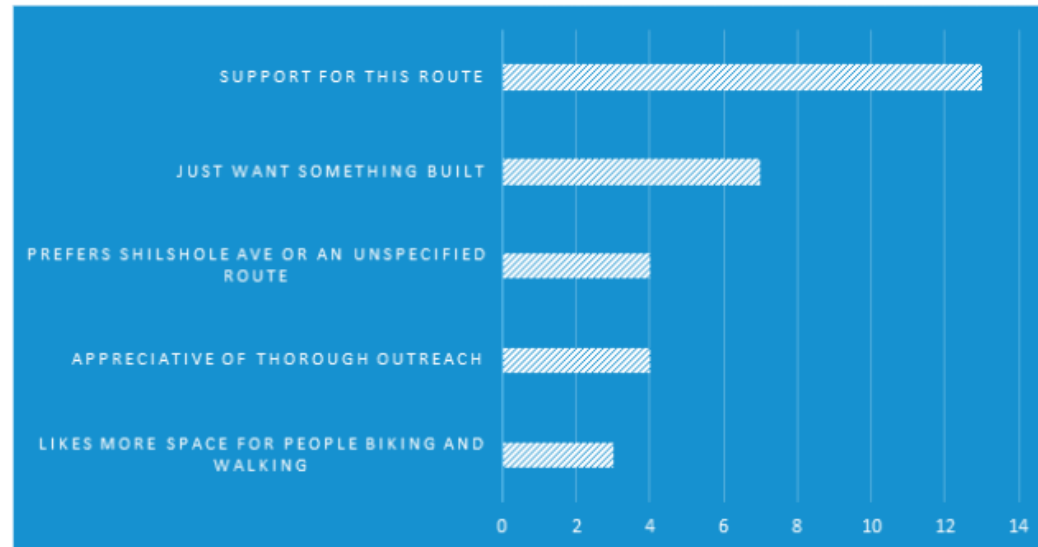
NW Market St and 22nd Ave NW

Outreach Summary

(What we heard from 10% Design Comment Form Dec-Jan)

WHAT WE HEARD FROM BUSINESSES*

The graph and table below show the 5 most common themes across the comments we received from businesses and property owners.



KEY THEME	RESPONSES	
Support for this route	13	28%
Just want something built	7	15%
Appreciative of thorough outreach	4	9%
Prefers Shilshole Ave or an unspecified route	4	9%
Likes more space for people biking and walking	3	7%
Total Businesses Spoken To: 192		

10% Design & Project Graphics

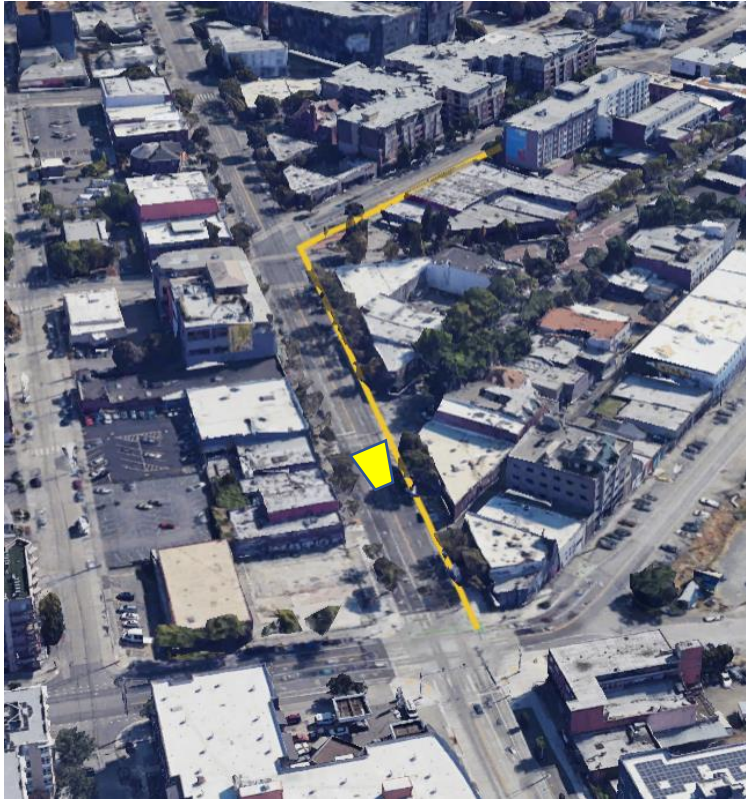
Cross Sections, Plans and Perspectives

NW Market Street/Leary Avenue NW/17th Avenue NW

[Link to 10% Plan Set: seattle.gov/documents/Departments/SDOT/BikeProgram/Ballard Bike Study/DRAFT Missing Link 10%25 11X17 Exhibit Set For Viewing 2023-11-17.pdf](https://seattle.gov/documents/Departments/SDOT/BikeProgram/Ballard%20Bike%20Study/DRAFT%20Missing%20Link%2011X17%20Exhibit%20Set%20For%20Viewing%202023-11-17.pdf)



NW Market Street Existing [Looking East]



- *Two travel lanes in either direction with some curb cuts for parallel parking
- *Existing travel lanes vary
- *Transit lanes to be installed with Route 40 project in 2024

Before - NW Market Street [Looking East]



*Transit lanes to be installed with Route 40 project in 2024

*Existing travel lanes on NW Market St vary

*Travel lanes would meet 11ft minimum for transit

After – NW Market Street [Looking East]

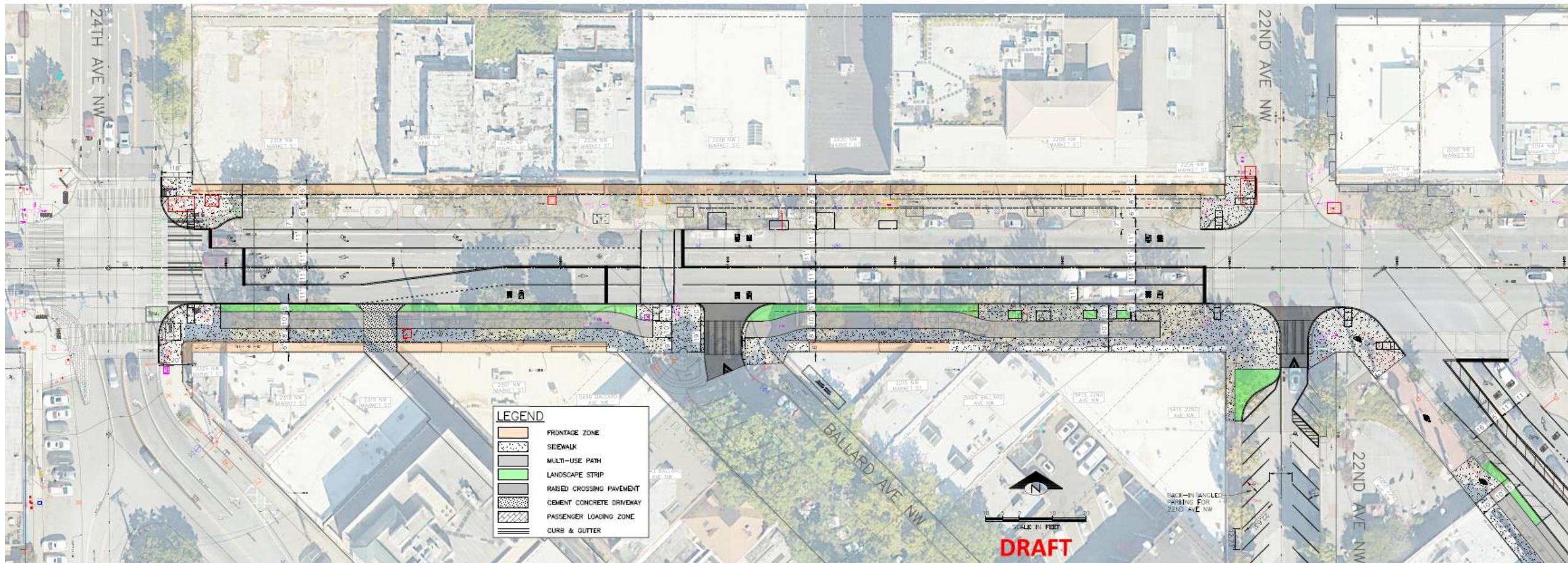


*Transit lanes to be installed with Route 40 project in 2024

*Travel lanes would meet 11ft minimum for transit

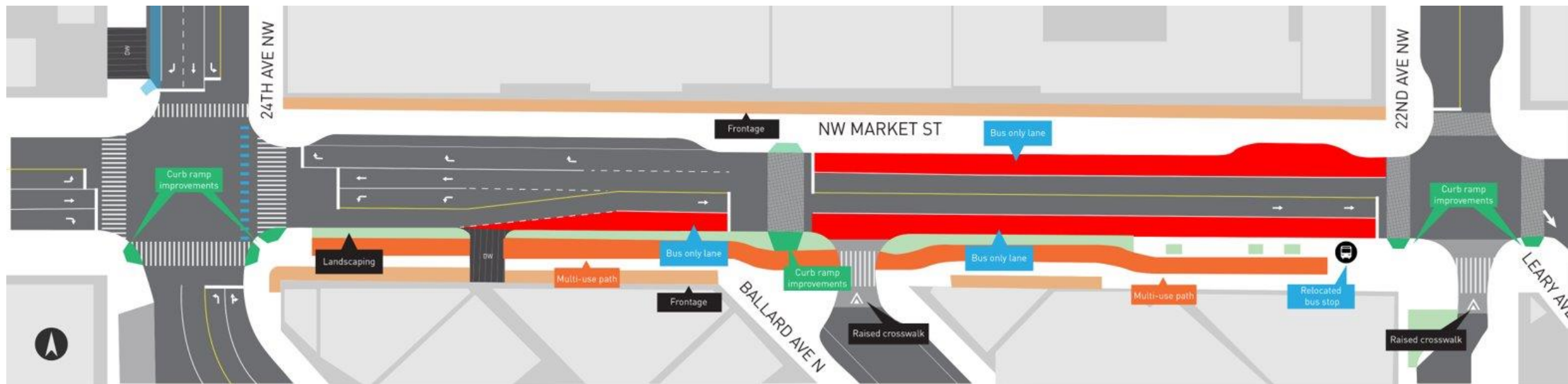
Proposed 10% Design Plan Set

NW Market Street – Between 24th Ave NW and 22nd Ave NW



Proposed 10% Design Graphic

NW Market Street – Between 24th Ave NW and 22nd Ave NW



Before - Market Street Perspective [Looking East]



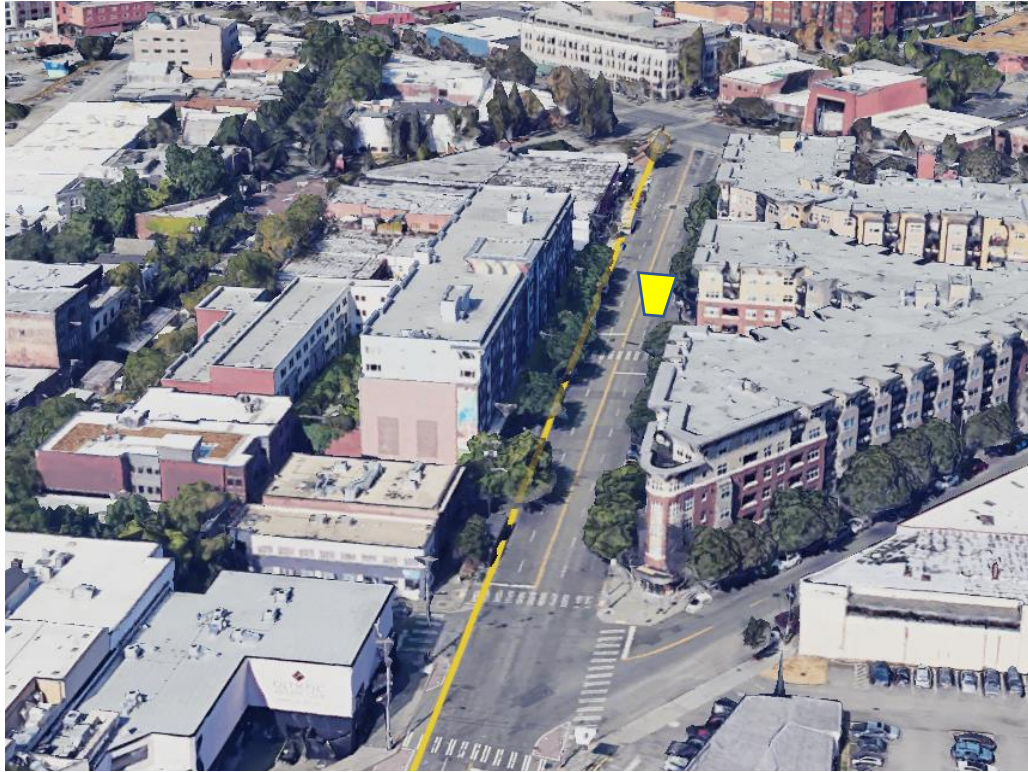
After - Market Street Perspective [Looking East]



*Image Not to Scale.

Leary Avenue NW Existing [Looking Northwest]

Between NW Market St and 20th Ave NW



- *Two travel lanes in either direction with parallel parking on either side
- *Existing travel lanes on Leary vary between 10-15 ft wide
- *Transit lanes to be installed with Route 40 project in 2024

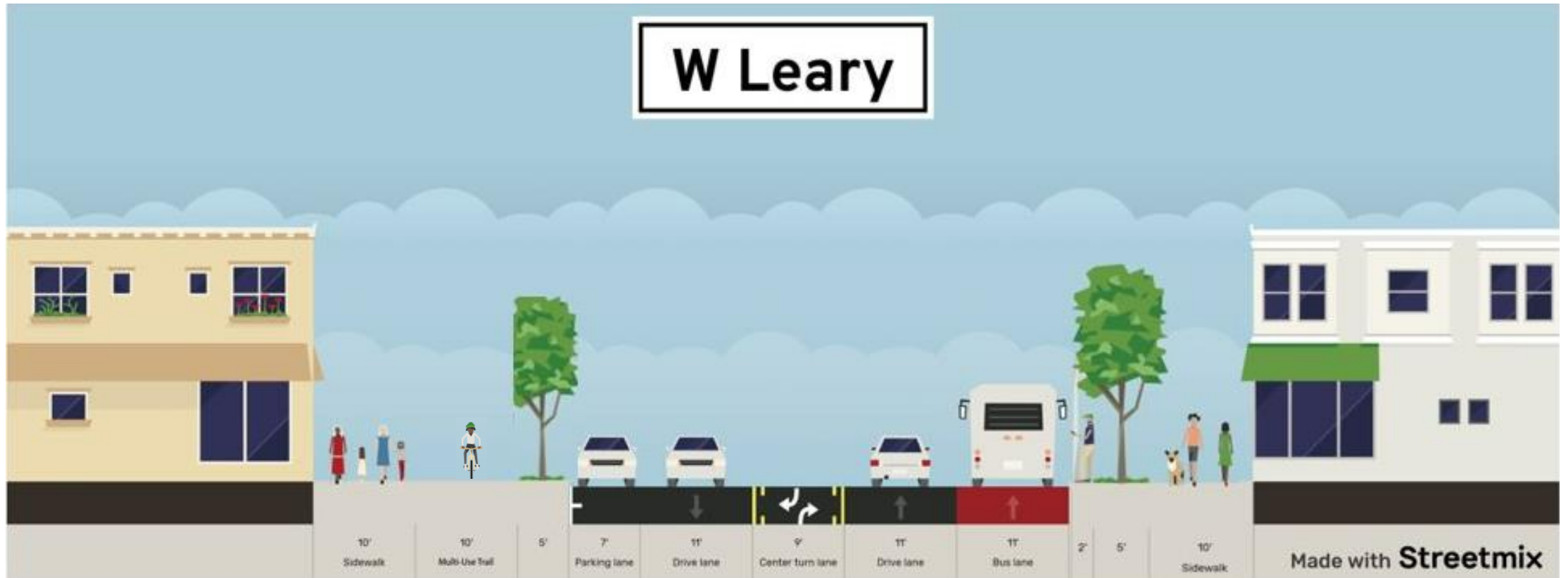
Before - Leary Avenue NW [Looking Northwest]



*Existing travel lanes on Leary vary between 10-15 ft wide

*Transit lanes to be installed northbound with Route 40 project in 2024

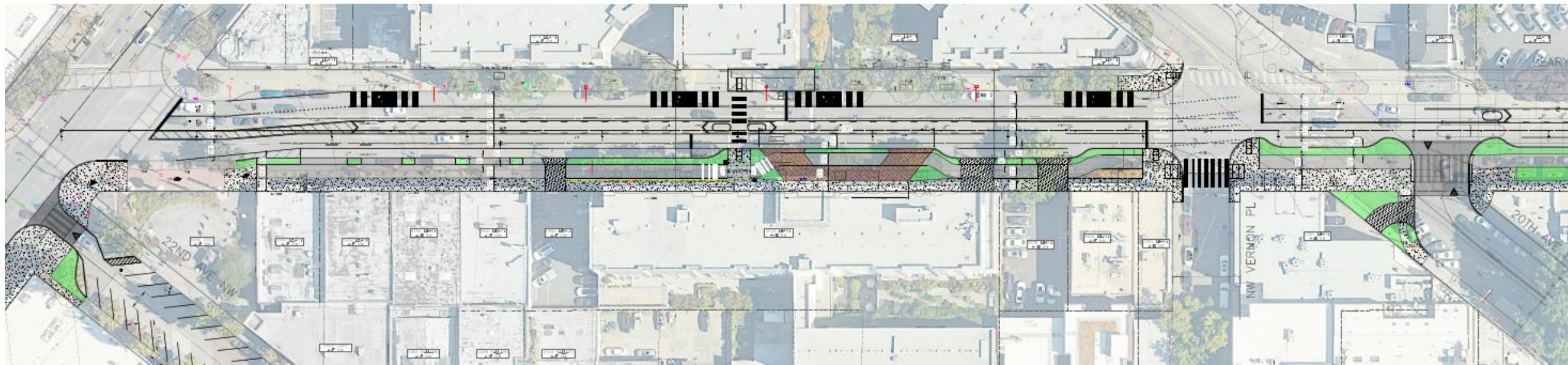
After – Leary Avenue NW [Looking Northwest]



*Transit lanes to be installed northbound with Route 40 project in 2024

Proposed 10% Design Plan Set

Leary Avenue NW - Between NW Market St and 20th Ave NW



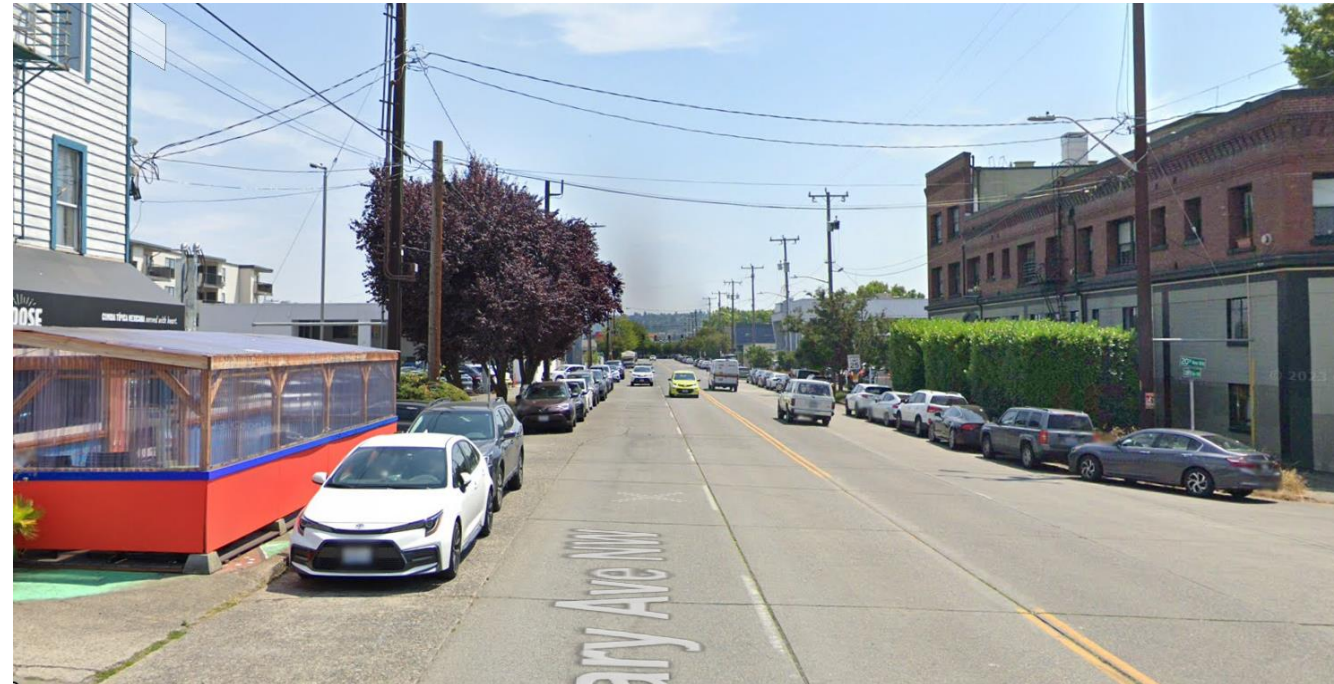
Proposed 10% Design Graphics

Intersection of NW Market St & Leary Ave NW



Leary Avenue NW Existing [Looking Southeast]

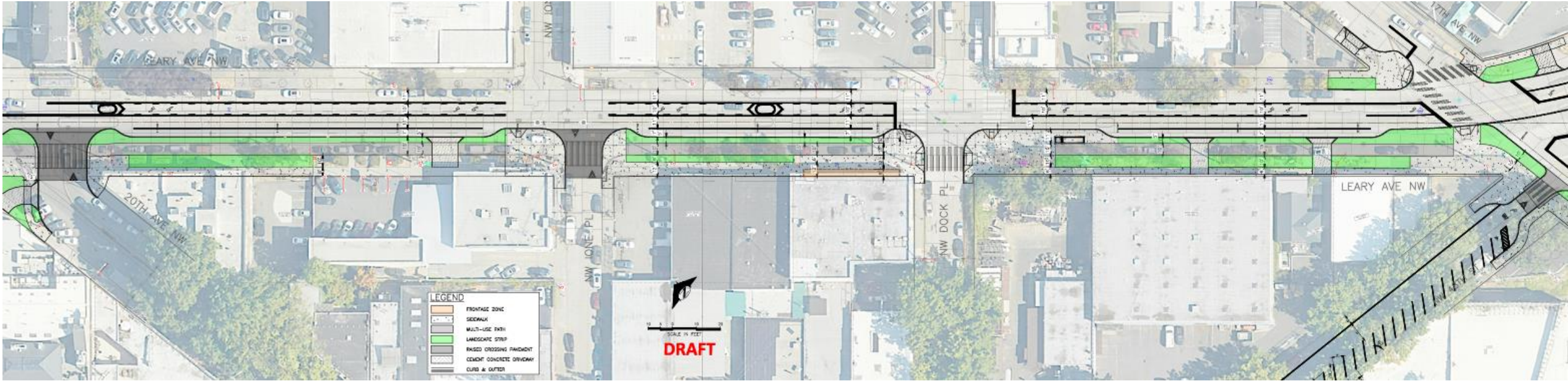
Between 20th Ave NW and 17th Ave NW



- *Two travel lanes in either direction with parallel parking on either side
- *Existing travel lanes on Leary vary between 10-15 ft wide
- *Transit lanes to be installed with Route 40 project in 2024

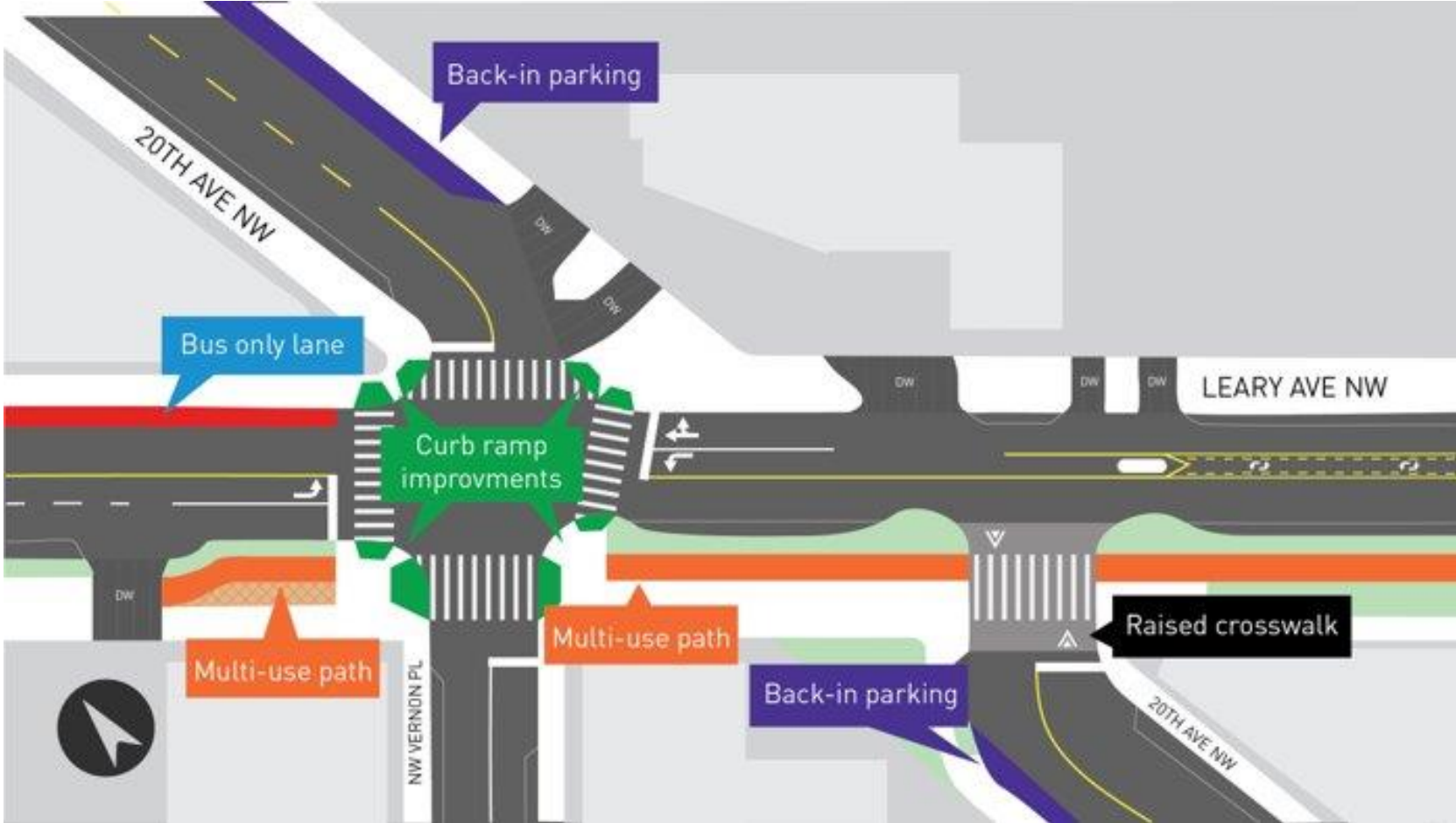
Proposed 10% Design Plan Set

Leary Avenue NW - Between 20th Ave NW & 17th Ave NW



Proposed 10% Design Graphics

Intersection of Leary Ave NW & 20th Ave NW



17th Avenue NW Existing [Looking North]



*One travel lane in either direction with parallel parking on either side

Before – 17th Avenue NW [Looking North]

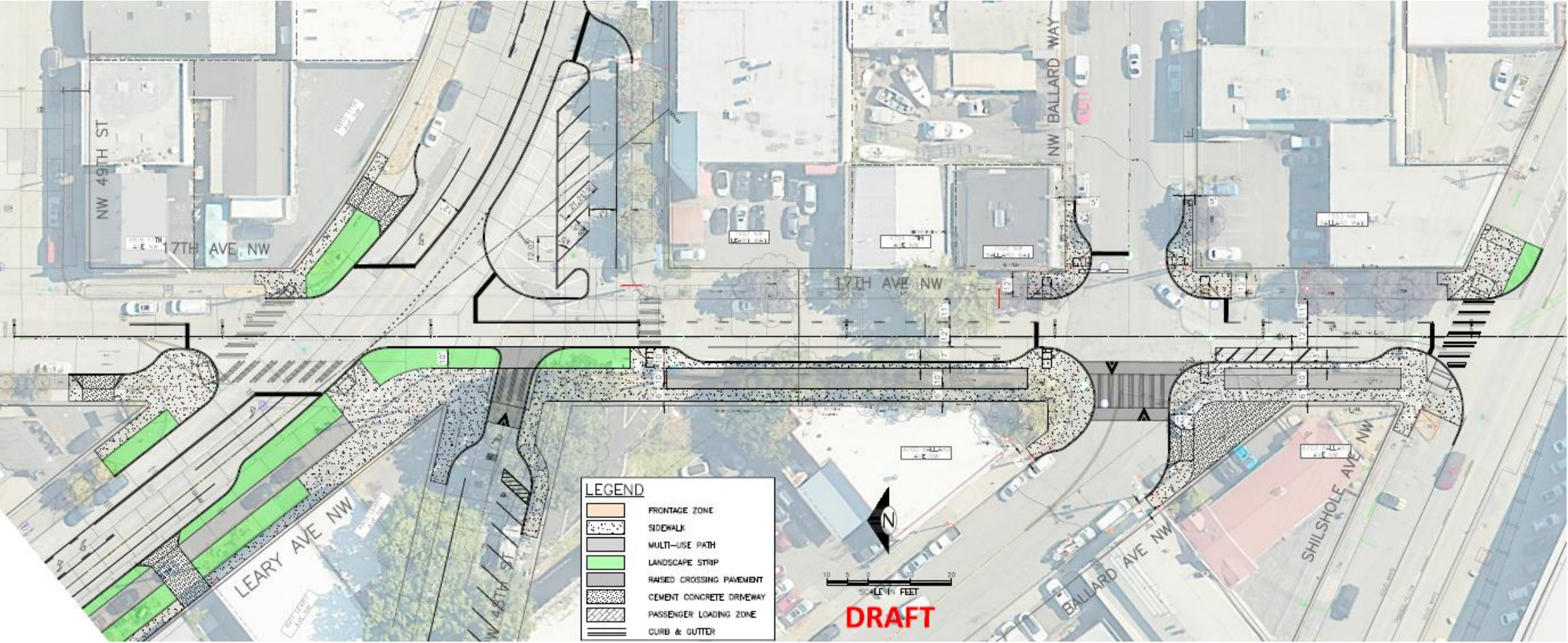


After – 17th Avenue NW [Looking North]



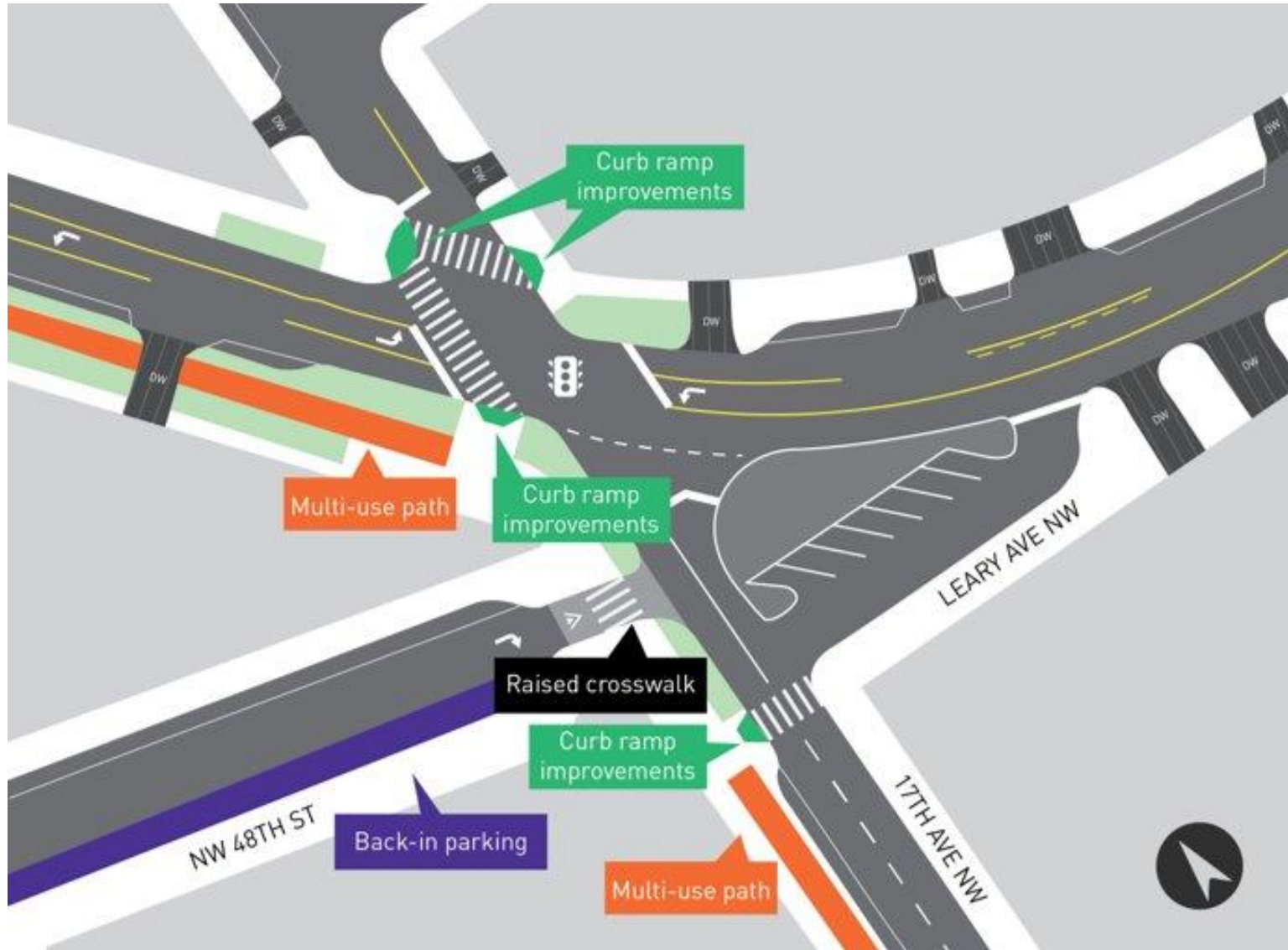
Proposed 10% Design Plan Set

17th Avenue NW – Between Leary Ave NW & Shilshole Ave NW



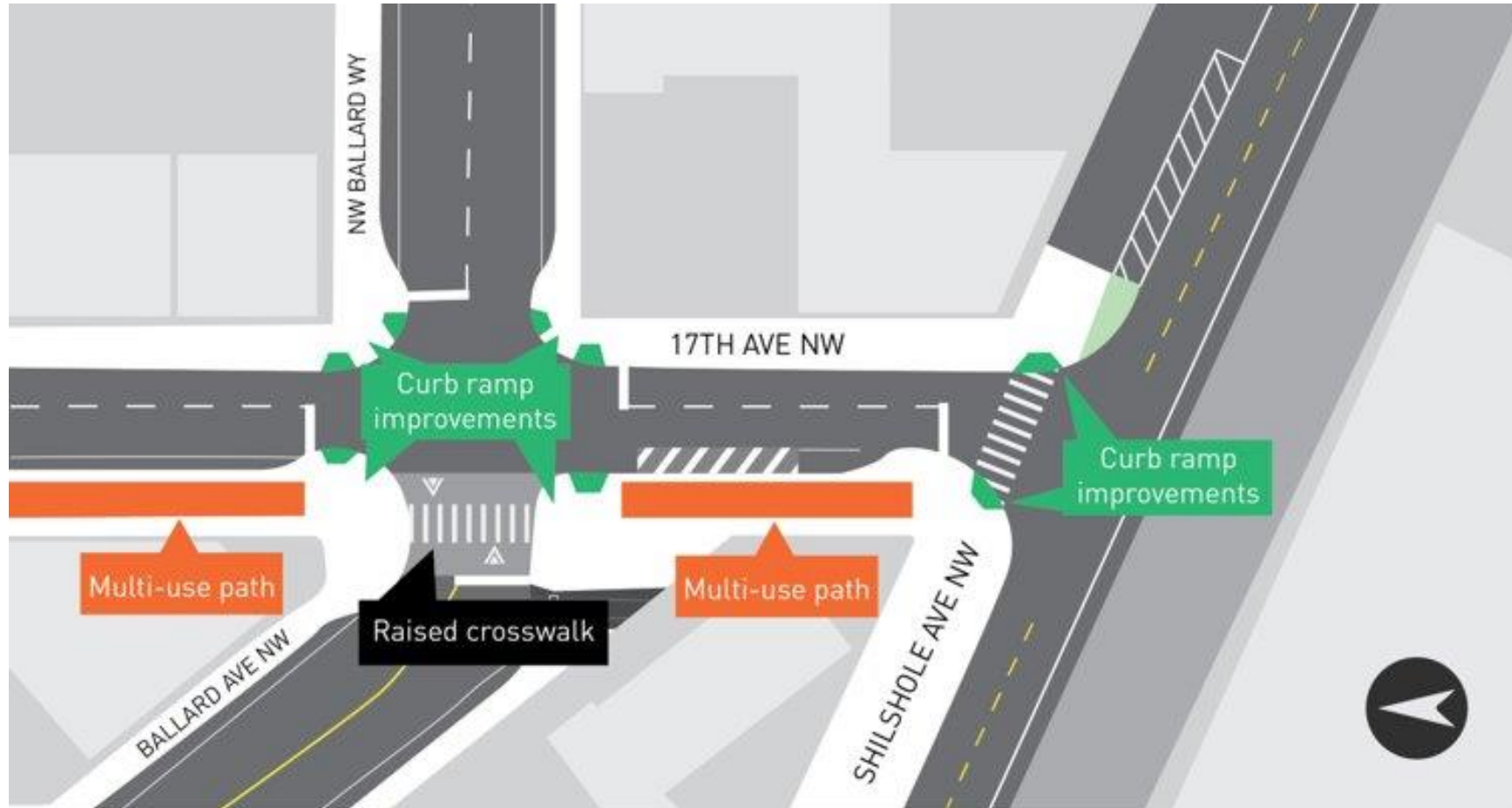
Proposed 10% Design Graphics

Intersection of Leary Ave NW & 17th Ave NW



Proposed 10% Design Graphics

Intersection of 17th Ave NW & Shilshole Ave NW



FAQs

- Parking:
 - Loss: 53
 - Gain: 66
 - Net Gain: 13
- Trees:
 - Removed: 30
 - Replaced: 90
- Width Requirements and Use:
 - Shared-use two-way trail at sidewalk level, adjacent to sidewalk
 - Meeting 10 ft trail standards + adjacent sidewalk width standards: Neighborhood Greenways and Trail/Shared Use Path Crossings :: Seattle Streets Illustrated
 - Allows all other street elements to meet their standard widths



Existing street café near Leary Ave NW and NW Vernon Pl

Next Steps

- Continue meeting with property owners and stakeholders to understand concerns and receive feedback
- Finalize 30% Design in 2024 with creative ways to mitigate impacts



Project sign near Leary Ave NW and 20th Ave NW/NW Vernon Pl

Questions?

CONTACT INFORMATION:

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Leary Ave NW and NW Dock Pl