



Hawthorne Bridge Overlay

01/11/2023

Alma Pradeepan

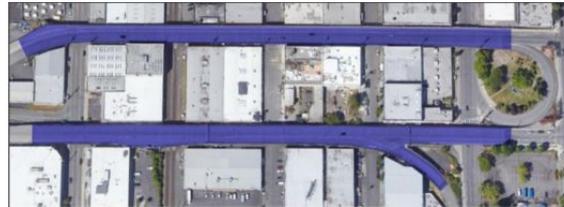
DCS - Transportation Division

Agenda

- **Background**
- **Hawthorne Blvd - Bus Stop Modifications on the East Side**
- **Traffic Control Stages and Detours**
- **SW Main Bikeway to Sidewalk Level**

Background

- Nation Bridge Inventory (NBI) inspection in 2021 showed the deck had a rating of 5 (Fair)
- Project identified in WRB Capital Improvement Plan (CIP)
- Funding application – 2021 – 2024 STIP cycle
- Rehabilitation of the east and west approach deck and joints



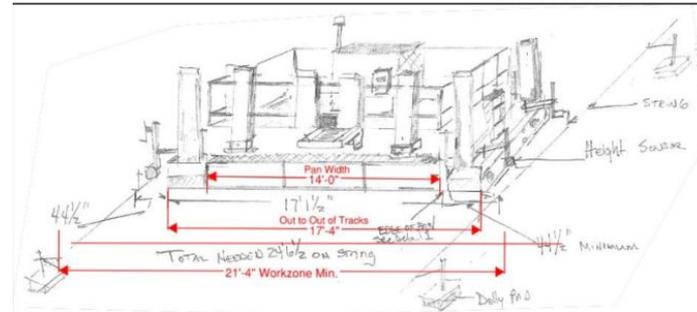
Overview

- Investigation Phase
- Options considered for the overlay:
 - Structural concrete (SC)
 - Multi-layer polymer concrete overlay (MPCOs)
 - Asphalt concrete pavement (ACP)
 - Premixed polymer concrete (PPC)
- PPC Overlay
 - 4.5 weeks of nightly single direction traffic closures
 - Two weekend full traffic closures
 - During peak hours bridge would be open in the original traffic configuration

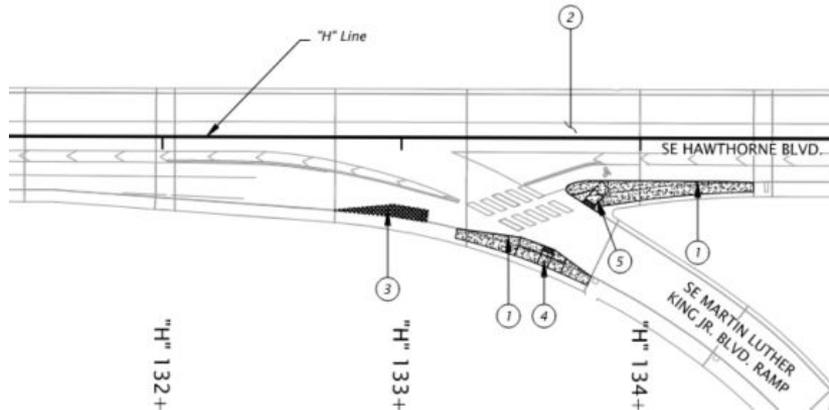
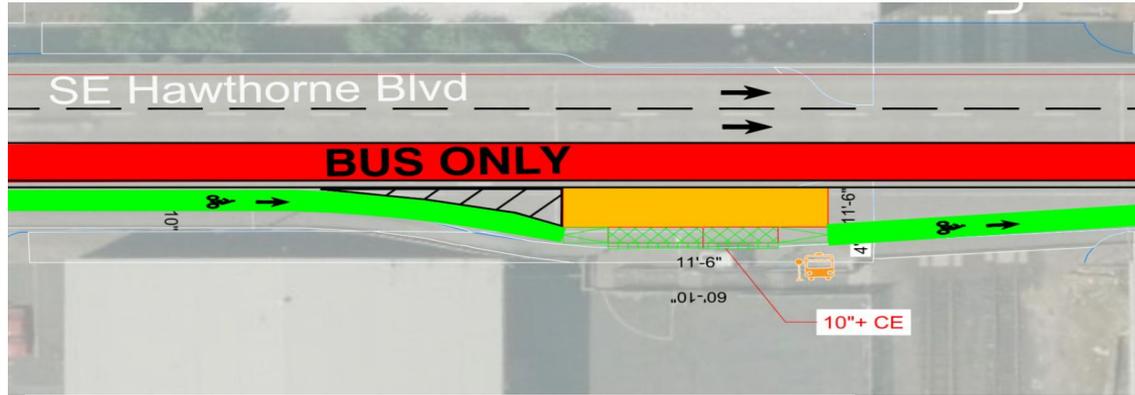


Traffic Control Stages and Detours

- Staged traffic control phases
- Night time work
- Slip form paver will be used for the overlay
- Bus stop and bike slip ramp



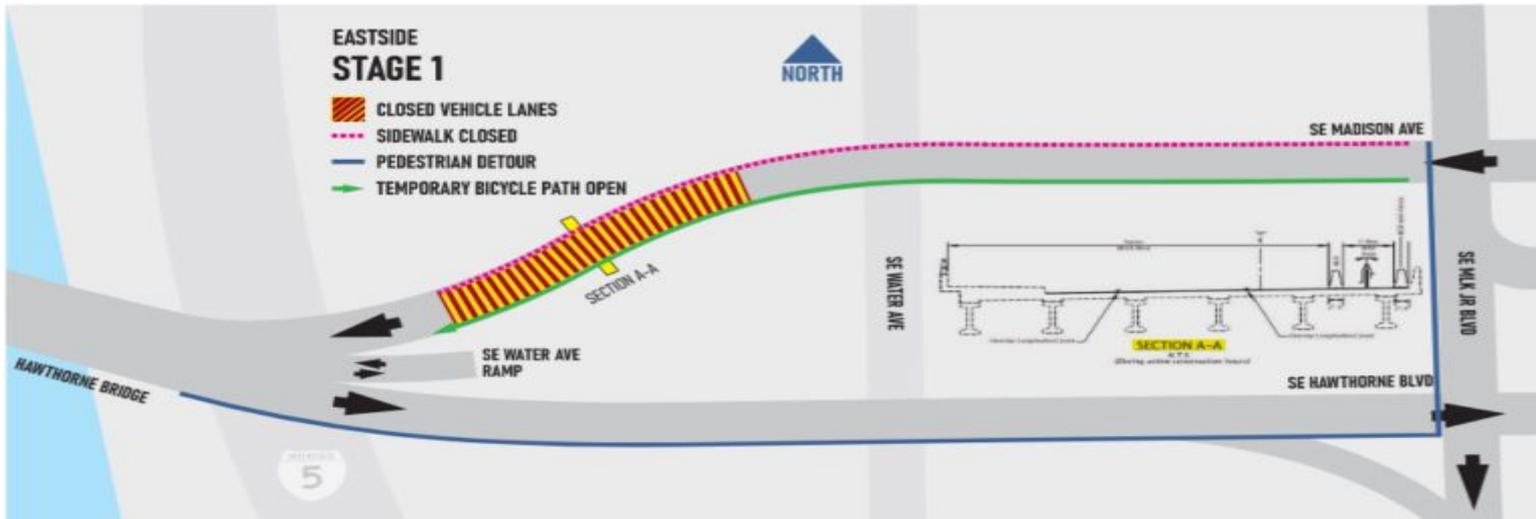
Hawthorne Blvd – Bus Stop Modifications



TEMPORARY PEDESTRIAN ACCESSIBLE ROUTE





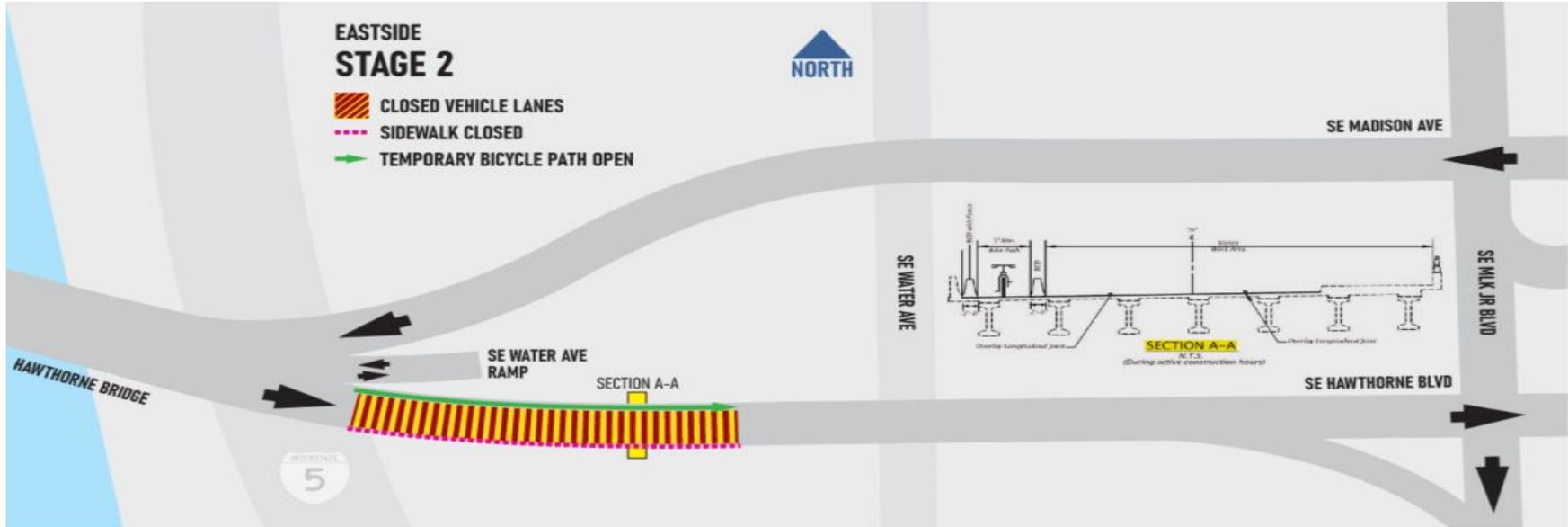




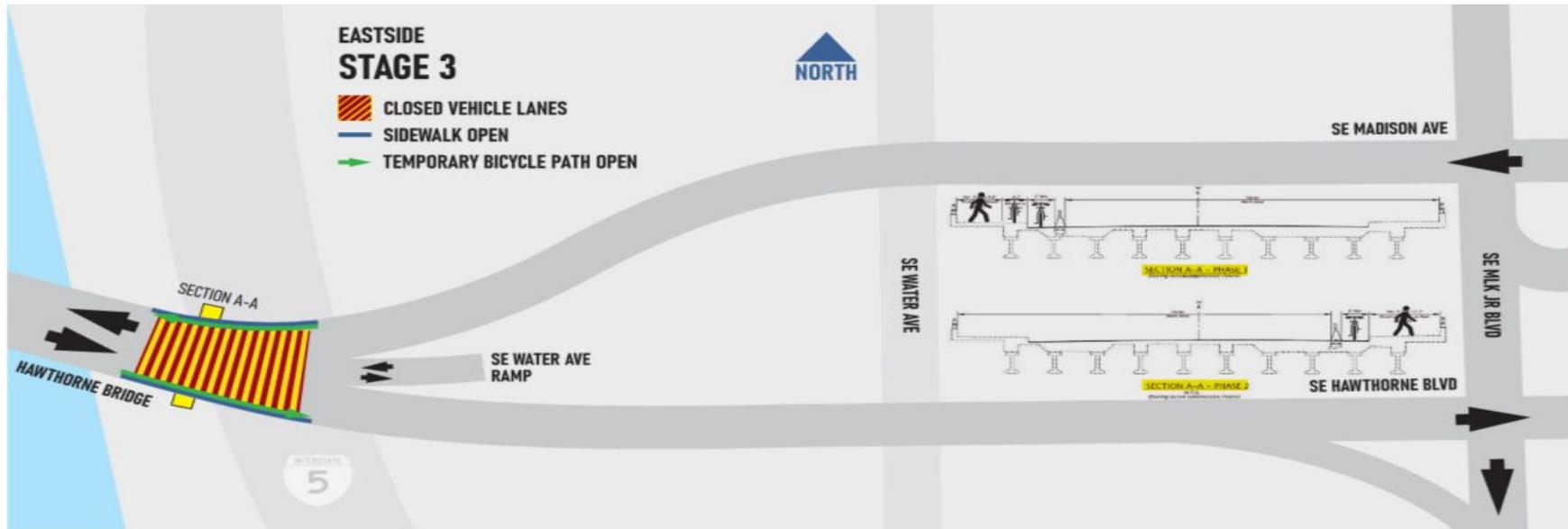
TEMPORARY PEDESTRIAN ACCESSIBLE ROUTE

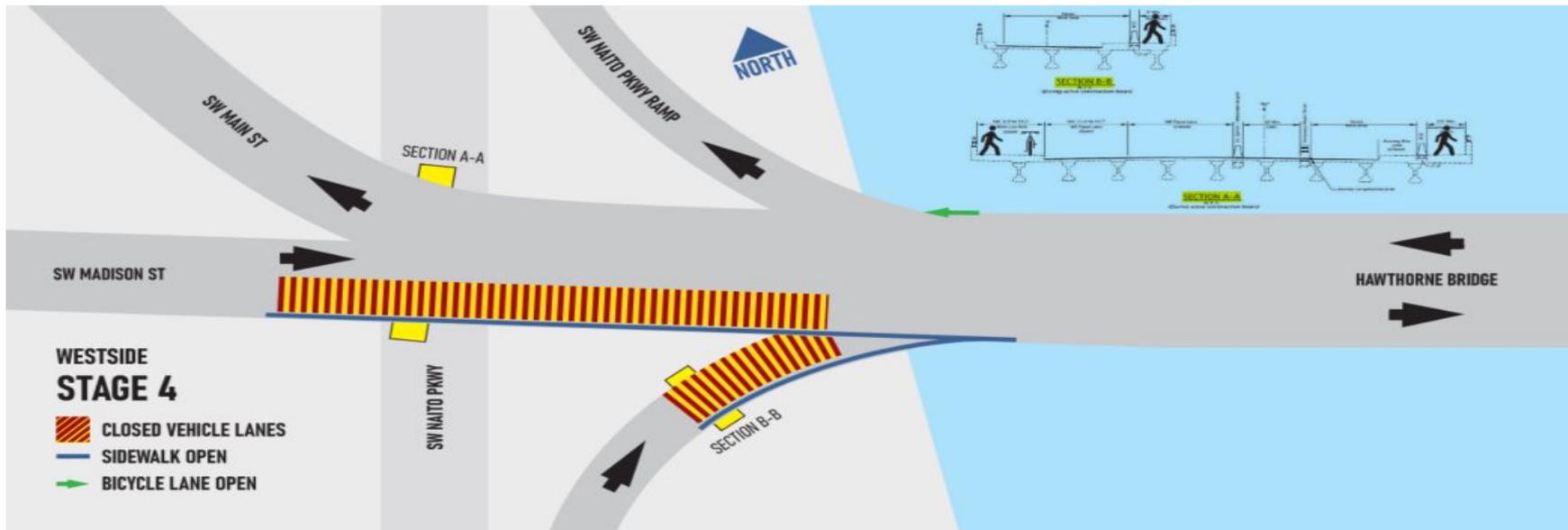


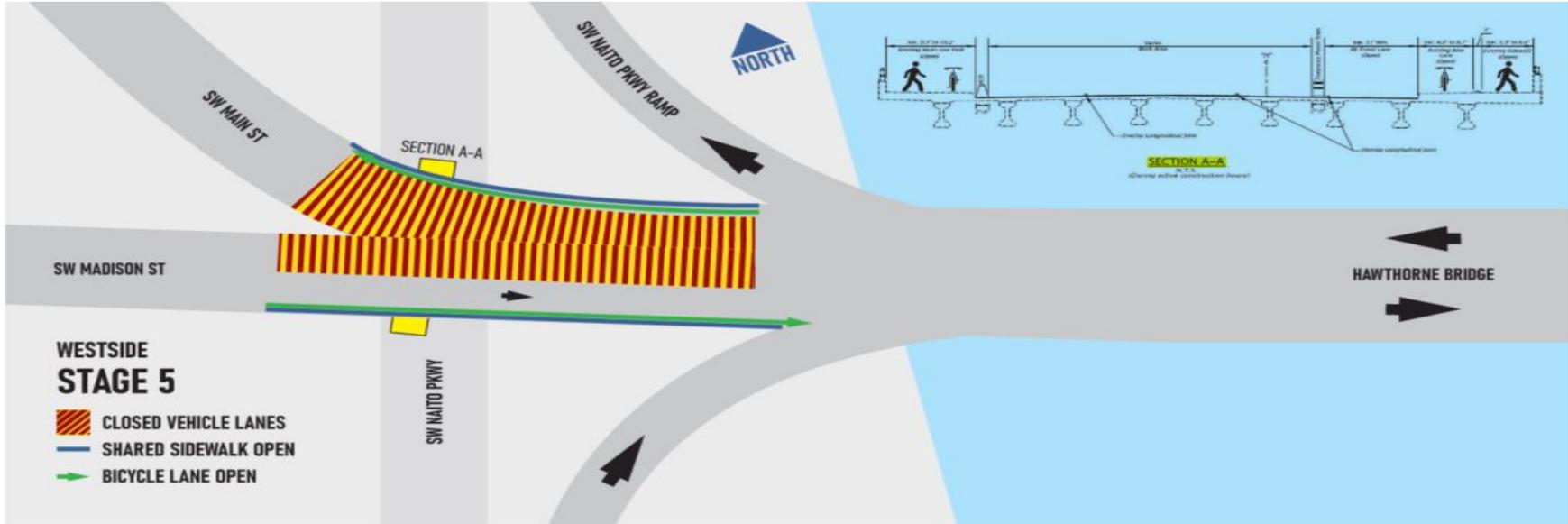


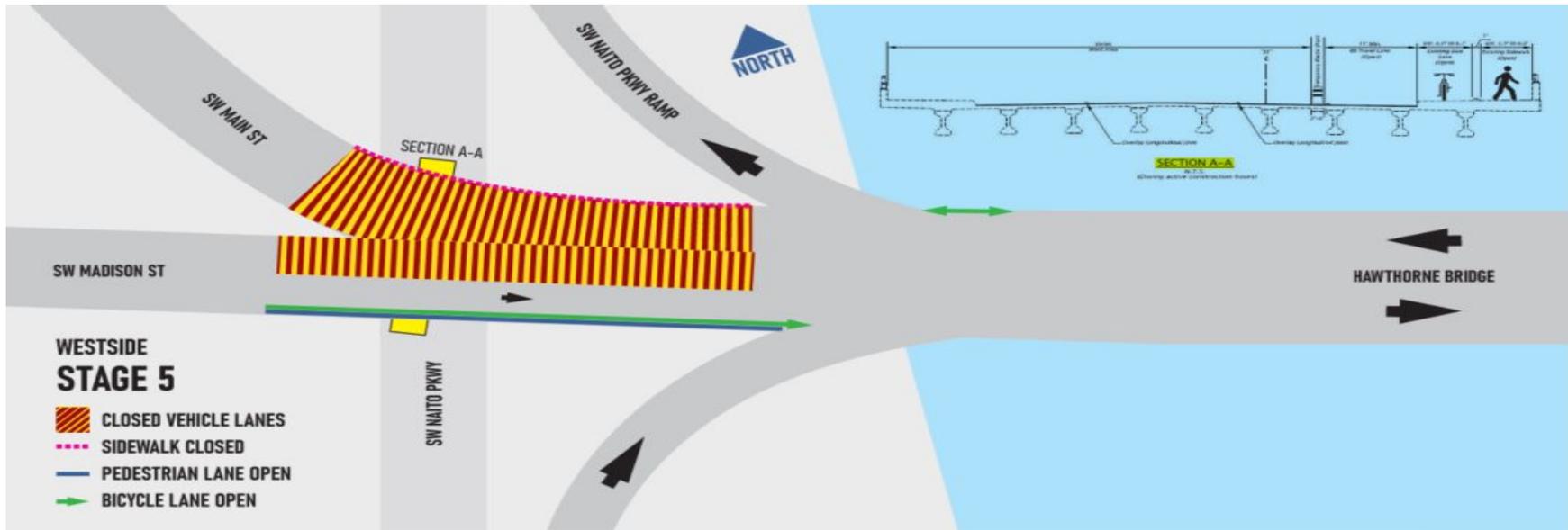


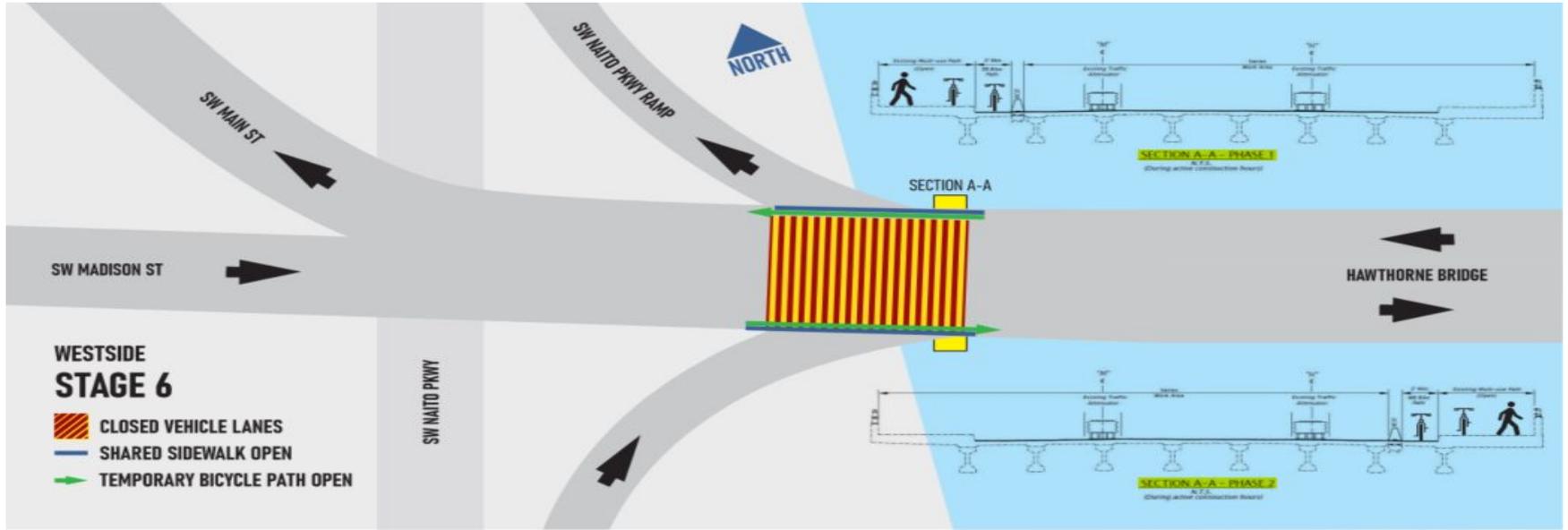












Elevating SW Main Bikeway to sidewalk level

Presentation to Multnomah County Bicycle and Pedestrian Advisory Committee

WE KEEP PORTLAND MOVING.



PBOT
PORTLAND BUREAU OF TRANSPORTATION

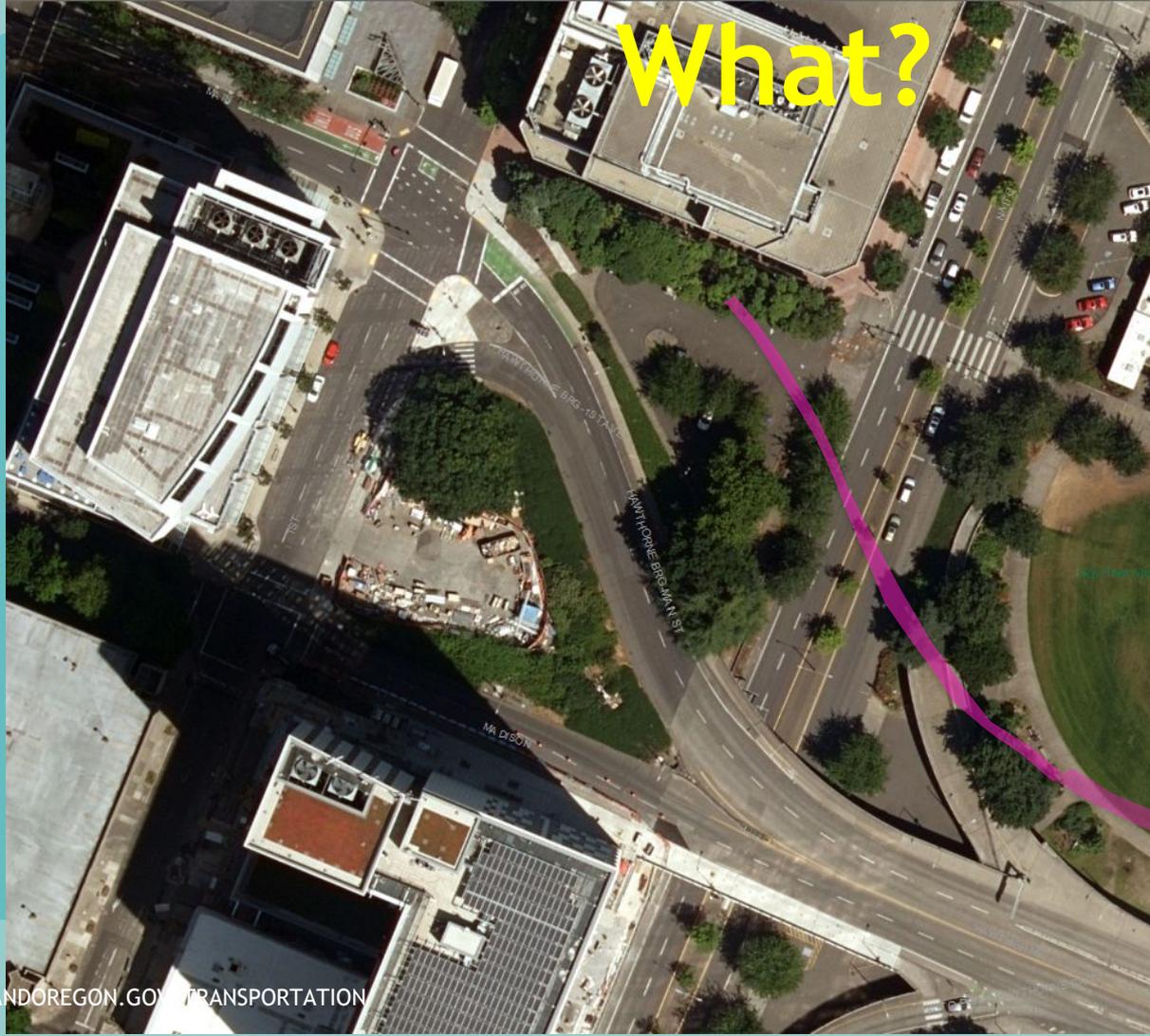
January 11, 2023

Roger Geller

Where?



What?



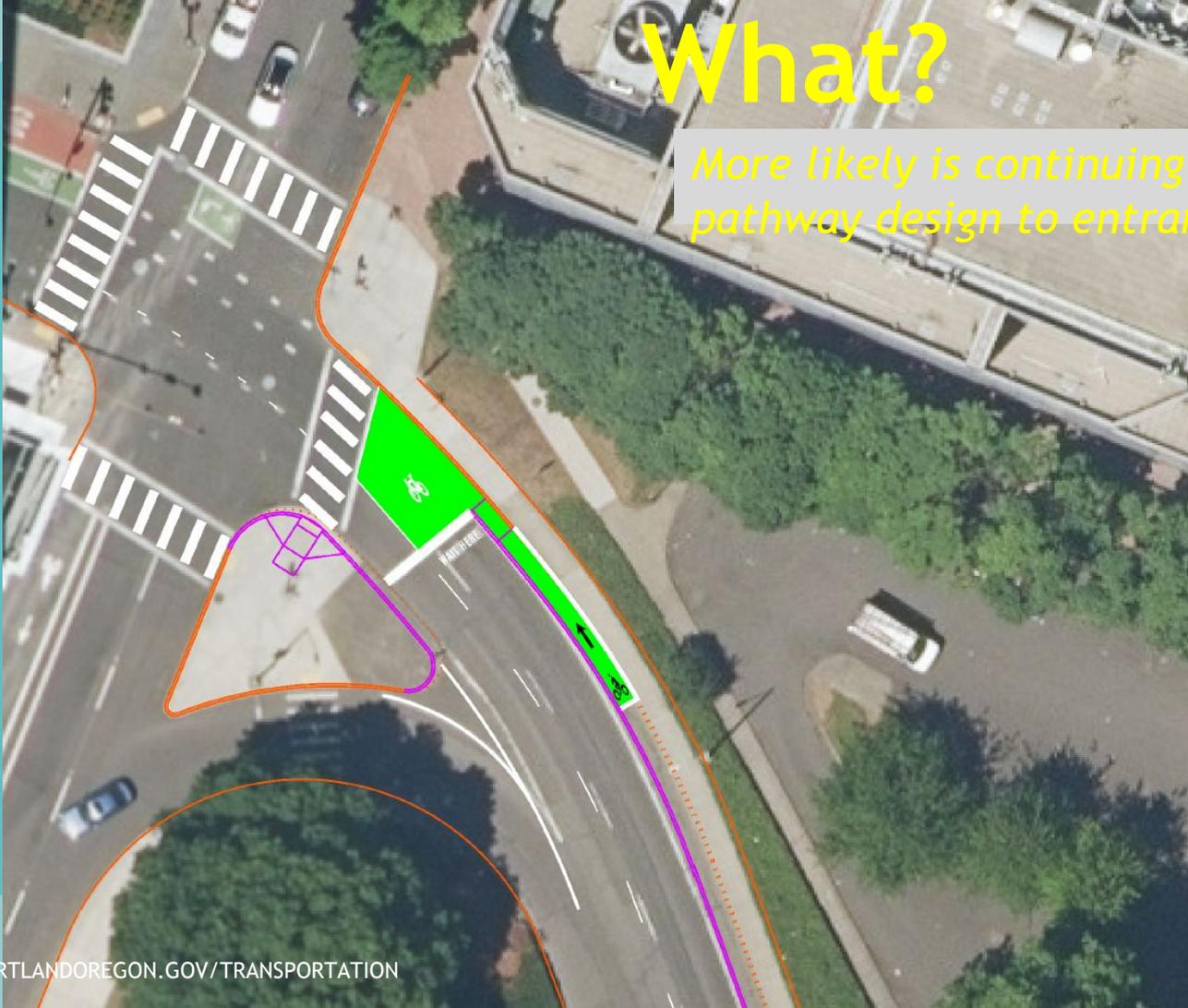
What?



SW Madison approach to Hawthorne Bridge

What?

More likely is continuing 10.5' shared pathway design to entrance of bike box



Why?

Narrow, street-level bicycle lane along an inside curve on a Major City Bikeway is inconsistent with City of Portland policies and design guidance.

Policies are to “create conditions that make bicycling more attractive than driving” and to “create a bicycle transportation system that is safe, comfortable, and accessible to people of all ages and abilities”.