



---

# Welcome

---

**SR 104 & 40<sup>th</sup> Place  
NE Roundabout**

**Neighborhood  
Meeting**

**6:00 p.m. - 7:30 p.m.  
November 6, 2025**

---

# WELCOME TO THE ROUNDABOUT NEIGHBORHOOD MEETING

*Who we are:*

*Rebecca Dickinson  
Public Works Director*

*Katie Phillips  
Project Manager*

*Mike Read, PE  
Senior Project Manager*

*We are here tonight to introduce  
the Roundabout Team, overview  
the project, and provide some  
project details with the LFP  
community!*



---

# MEETING AGENDA

---

- Project Overview
- Wall Designs
- Roundabout Operations
- Questions & Answers



---

## PROJECT HISTORY

- In 2003 the City proposed a signal at the intersection and sought State approval/funding
- In 2018 the City modified its intersection treatment to a roundabout proposal and received initial funds to begin planning in 2019
- Public Outreach, Design Efforts, and ROW processes were completed with additional State and WSDOT grants
- Design was completed in early 2025 which led to a Contractor Award in Fall of 2025

---

# WHY A ROUNDABOUT?



**Efficient Operations:** All modes must stop/yield before entering the intersection; delays are balanced on all approaches



**Long-Term Maintenance Costs Savings:** Treatment remains in operation during power loss; other maintenance is limited to normal roadway needs



**Pedestrian Crossing Safety:** Existing conditions do not provide any guidance or protection to pedestrians



**Significant Reduction in Crash Risk and Severity:** Number and severity of crashes reduced by 75% (90% reduction in fatalities) compared to signals

---

---

# KEY ROUNDABOUT PROJECT ELEMENTS

**Intersection Control  
that Maintains  
Balanced Full Access  
for All Approaches**

**New Stormwater  
Detention and  
Treatment Facilities**

**Tree Canopy  
Replacement at  
Horizon View Park**

**Gravity Block and  
Structural Retaining  
Walls to Reduce  
Private Property  
Impacts**

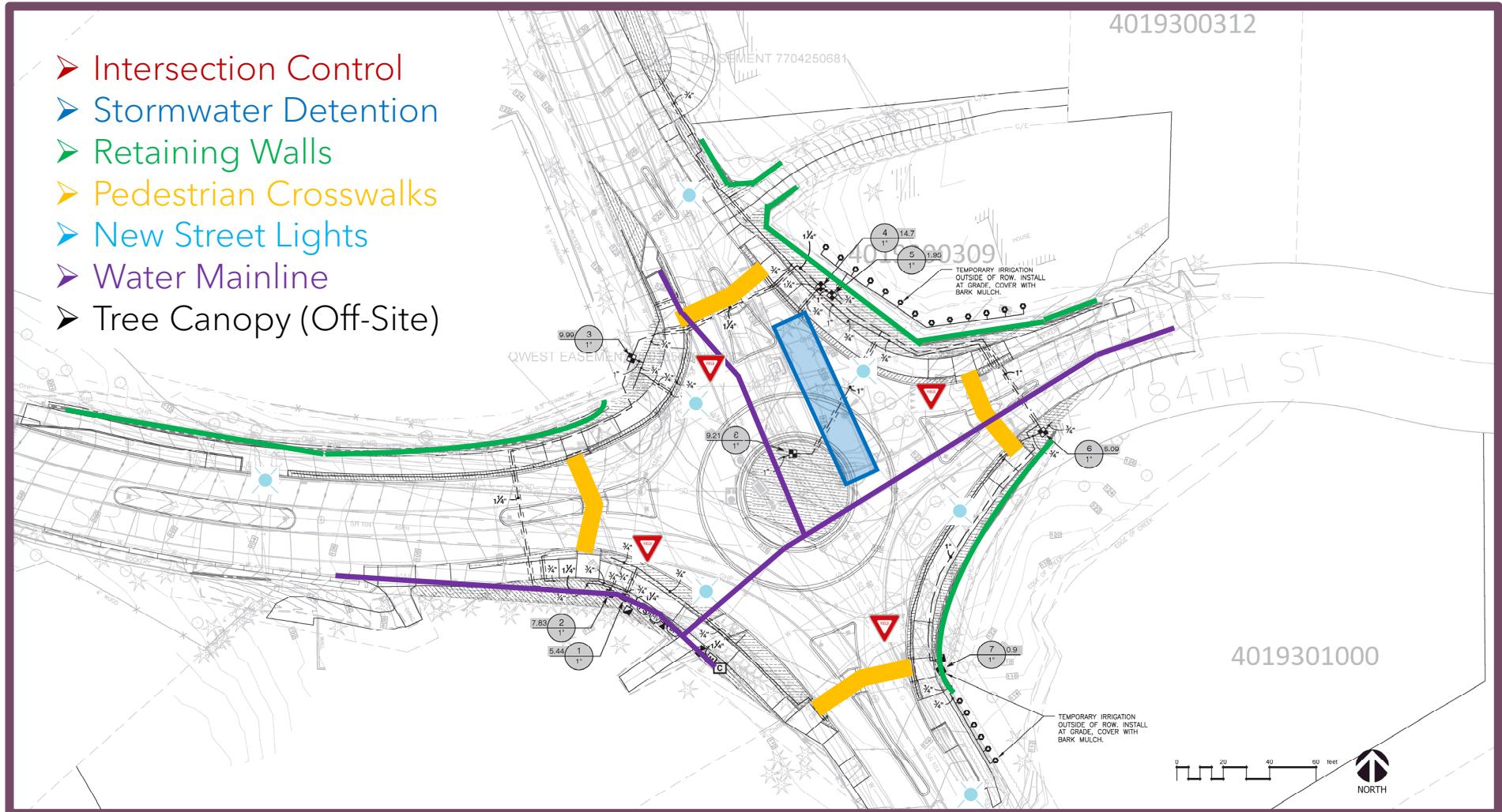
**Marked Pedestrian  
Crosswalks, Refuge  
Islands, and ADA  
Pedestrian Ramps**

**Upgraded Street  
Lighting**

**Upgraded Water  
Mainline**

---

- Intersection Control
- Stormwater Detention
- Retaining Walls
- Pedestrian Crosswalks
- New Street Lights
- Water Mainline
- Tree Canopy (Off-Site)





---

## PROPOSED WALLS AND OTHER CITY PERMITS

- 1. Permit Overview*
- 2. Wall Types*
- 3. Public Comment on Proposed Walls*

# CITY PERMITTING PROCESS

**The Roundabout Project is Led by the Department of Public Works**

**Similar to Other Development, the Project is Subject to City Code/Standards**

**Community Development Department Independently Review/Approves Permits**

- Clear and Grading
- Critical Areas
- Environmental Review (SEPA)
- Tree Removal/Replacement
- Retaining Walls (Certain Wall Types Require a Public Meeting)
- Right-of-Way Permit

---

## PLANNED WALL TYPES AND DESIGN ELEMENTS

### **Significant Grade Between NE Corner & SW Corner (20 +/- feet)**

#### **Two Basic Wall Types**

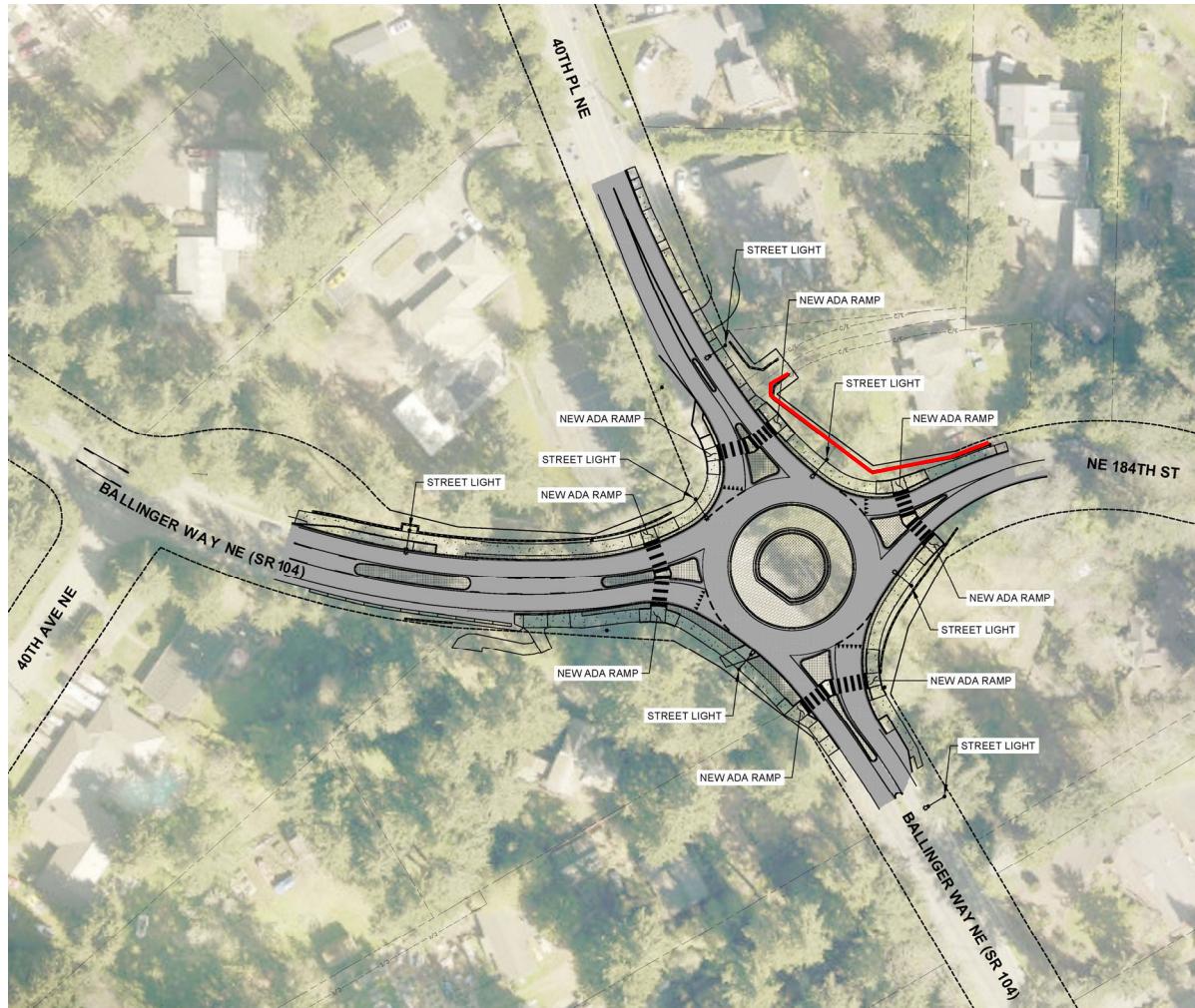
- Gravity Block Wall (~ 4-8 Feet Above Grade)
- Structural Walls (Soldier Pile Type Construction ~8-16 Feet Above Grade)

#### **Private Property in Most Cases is Situated Higher than Street**

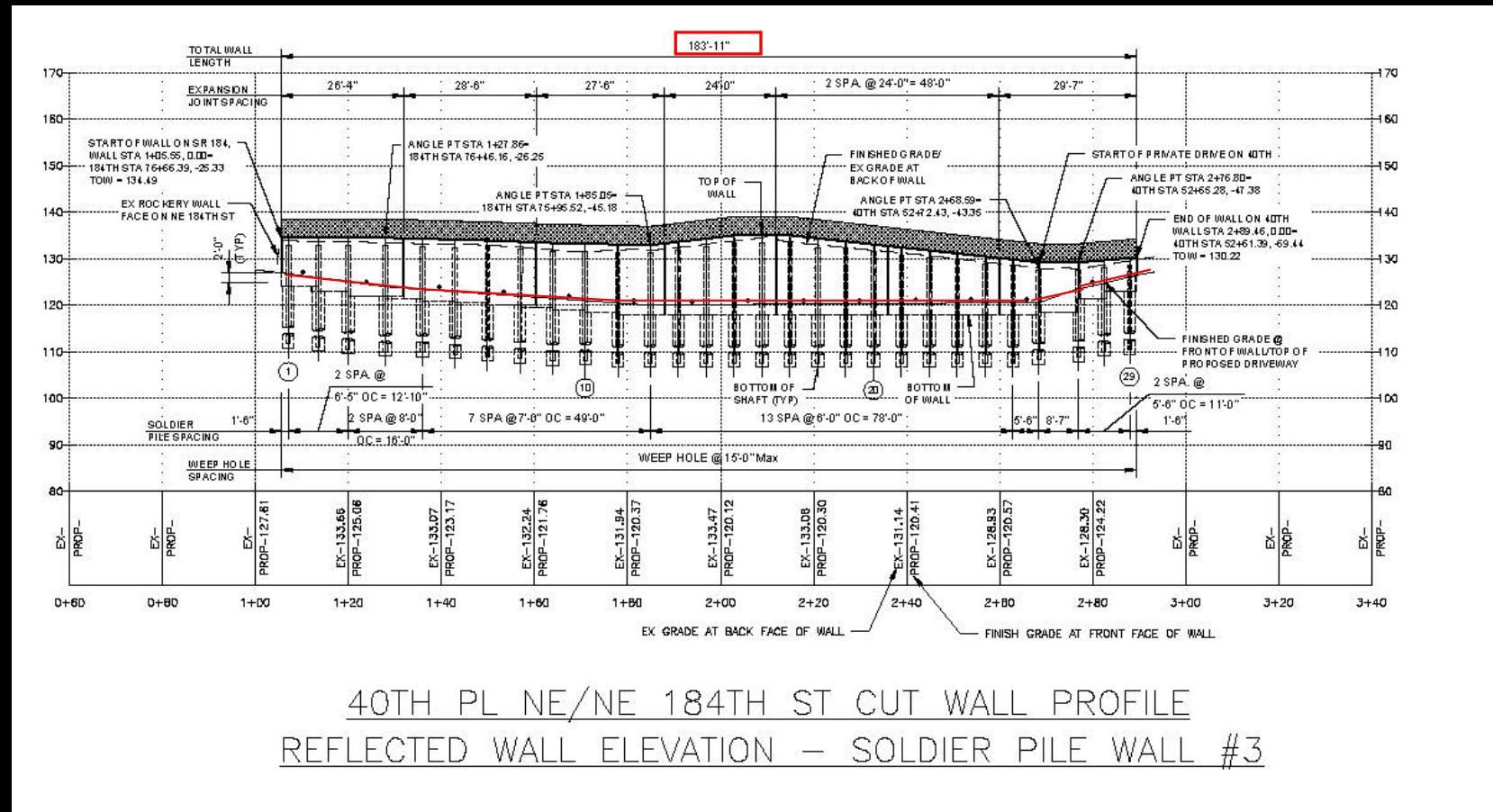
#### **Fall Protection and Landscaping to Mitigate Safety/Visual Impacts**

#### **Tall Wall Sections Proposed with Natural Features**

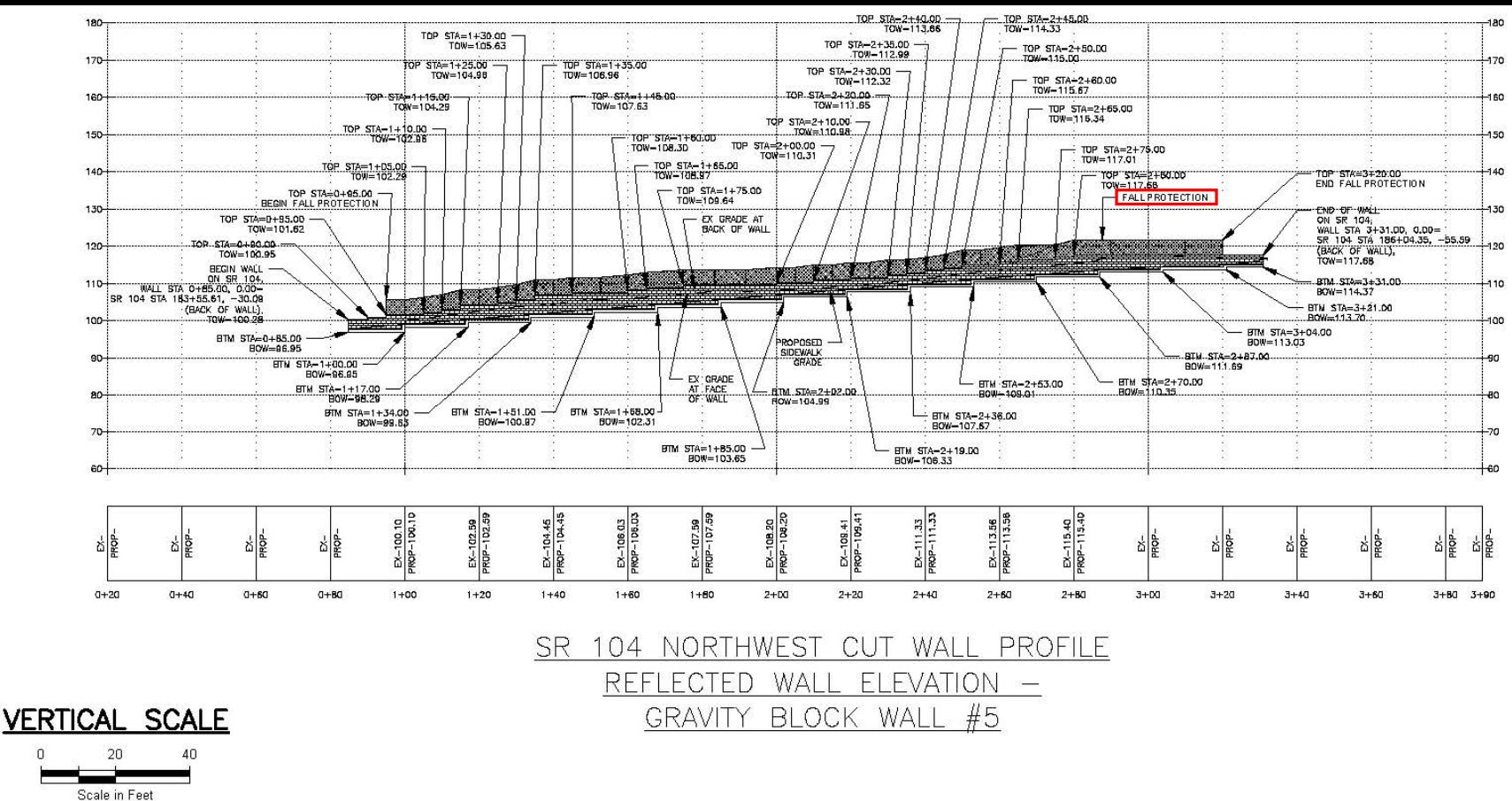
# SOLDIER PILE LOCATION



## WALL TYPES – SOLDIER PILE

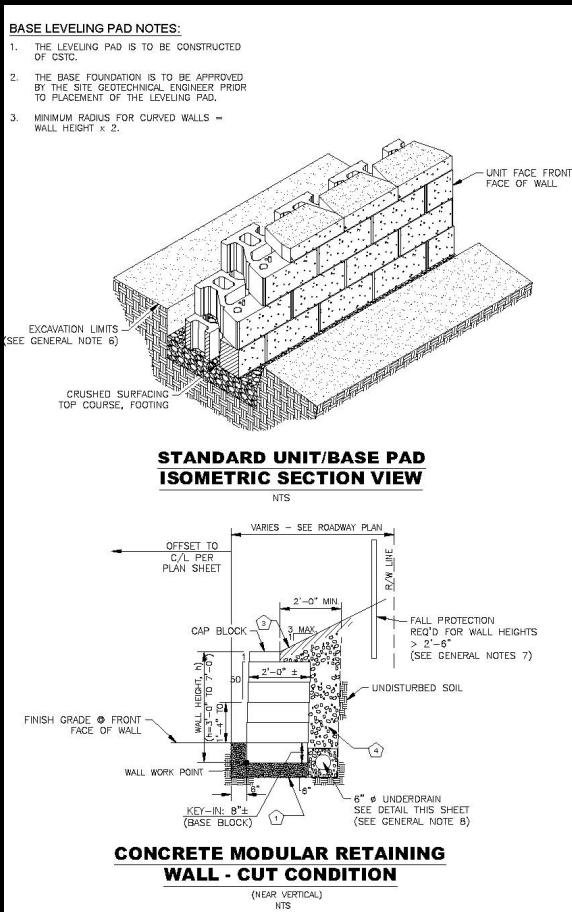


# WALL TYPES – GRAVITY BLOCK

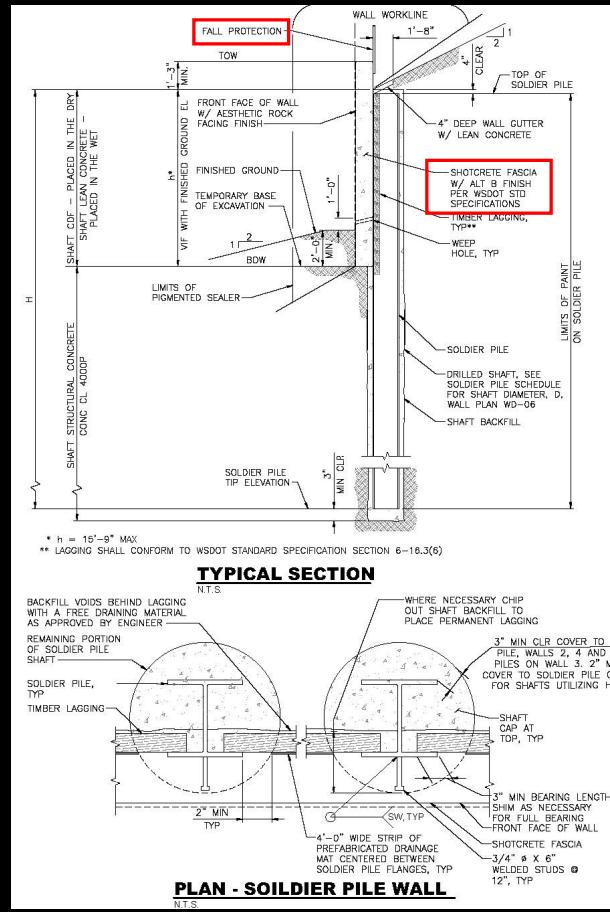


# WALL TYPES – SECTION DETAILS

## GRAVITY BLOCK WALL



## SOLDIER PILE WALL



## FORMED FEATURES

FIGURE A



FIGURE B



## SHOTCRETE TEXTURES

FIGURE C

*CONTRACTOR REQUIREMENTS*



FIGURE D



# WALL TYPES – FACIA EXAMPLES

---

# PUBLIC COMMENTS & QUESTIONS ON WALLS?

City Contact for Additional Questions:

Mike Read, PE, Senior Project Manager

(206) 957-2836

[mread@cityoflfp.gov](mailto:mread@cityoflfp.gov)

REMINDER: PLEASE SIGN UP FOR ATTENDANCE AND FUTURE NOTIFICATIONS

---

---

## ROUNABOUT EXAMPLES & OPERATIONS

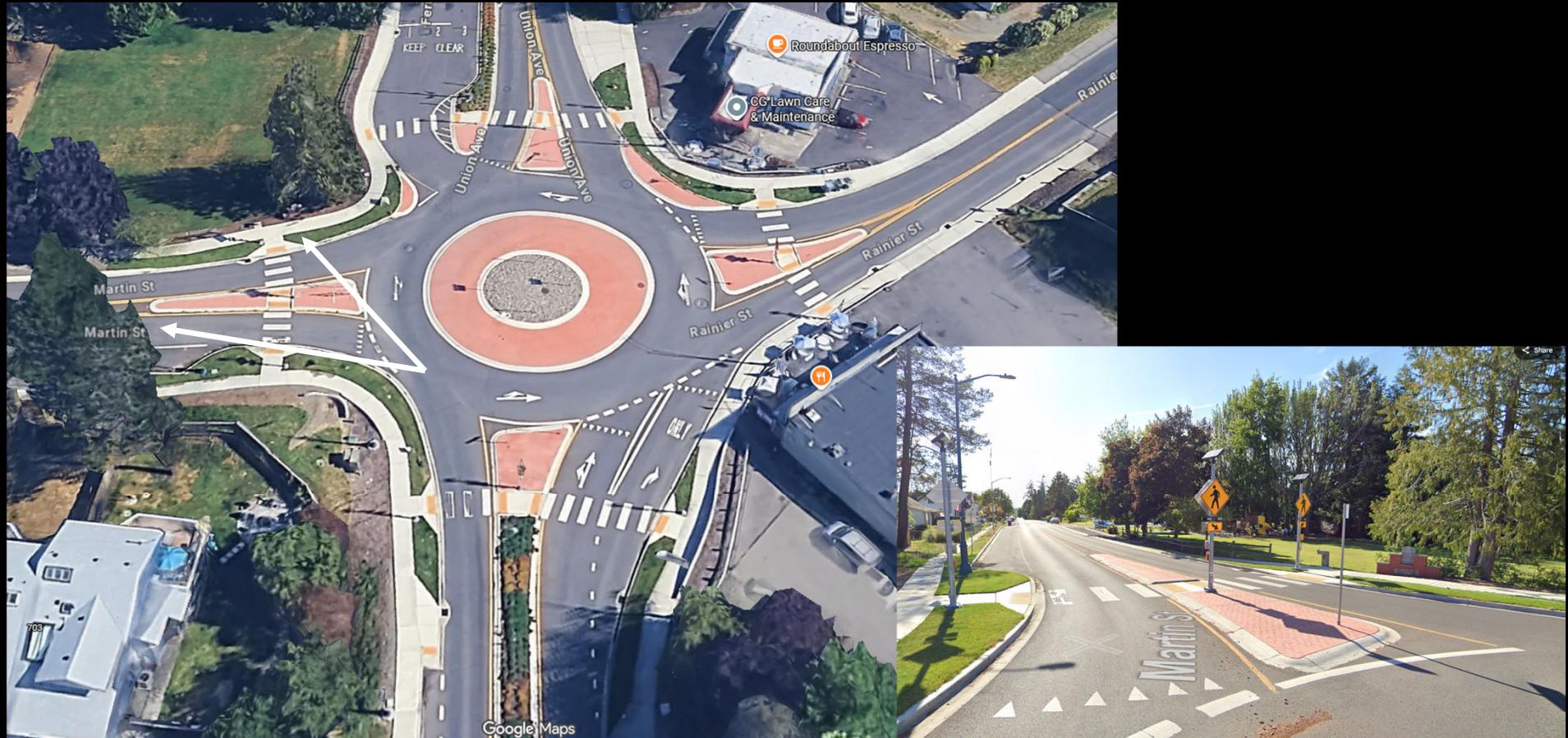
### Real World Examples in Washington State – Similar Size/Operating Geometrics

*Proposed SR 104 & 40<sup>th</sup> Place NE Single Lane Roundabout with 115' Inside Diameter*

- Martin Street at Union Avenue Single Lane Roundabouts in Steilacoom, WA. 112' Inside Diameter
- SE 254<sup>th</sup> Street/Witte Road Single Lane Roundabout in Maple Valley, WA. 130' Inside Diameter
- Meridian Avenue S at 240<sup>th</sup> Street SE Single Lane Roundabout in Bothell, WA. 100' Inside Diameter
- W 27<sup>th</sup> Street at S Vancouver Street Single Lane Roundabout in Kennewick, WA. 110' Inside Diameter
- W 19<sup>th</sup> Avenue at S Union Street Single Lane Roundabout in Kennewick. WA 110' Inside Diameter

# MARTIN STREET AT UNION AVENUE - STEILACOOM, WA

---



## SE 254TH STREET AT WITTE ROAD – MAPLE VALLEY, WA

---



## MERIDIAN AVENUE S AT 240TH STREET SE - BOTHELL, WA

---



## W 27TH STREET AT S VANCOUVER STREET - KENNEWICK, WA

---



## W 19TH AVENUE AT S UNION STREET - KENNEWICK, WA

---



---

# ROUNDABOUT OPERATIONS

## **Basic Operational Etiquette Driving Through Roundabouts**

- Yield to Drivers Already in the Circulating Lane
- In Multi-lane Roundabouts Stay in Your Lane (i.e., Do Not Change Lanes)
- Signal Right When Exiting the Circulating Lane
- Do Not Stop in the Roundabout (unless safety requires, i.e., avoiding a collision)
- Avoid Driving Next to Oversize Vehicles
- Pedestrians Yield/Wait for Vehicles to Stop Before Moving into the Marked Crosswalk

---

## VIDEO/SIMULATION OF ROUNDABOUT OPERATIONS

### **SR 104 & 40<sup>th</sup> Place NE Roundabout Simulation**

Start simulation in SimTraffic 3D

---

ANY FURTHER QUESTIONS ON ROUNDABOUTS OR WALLS?  
THANK YOU FOR ATTENDING!

City of Lake Forest Park  
Public Works Department

Staff Resources:

*Rebecca Dickinson*  
*Public Works Director*

*Katie Phillips*  
*Project Manager*

*Mike Read, PE*  
*Senior Project Manager*

