



Grand Mound Community Meeting

March 7, 2020

Agenda

- Welcome!
- Presentations
 - Grand Mound Transportation Study
 - Grand Mound Subarea Plan
 - Development Code Amendment
- Open House
 - Stations with Q&A for each project



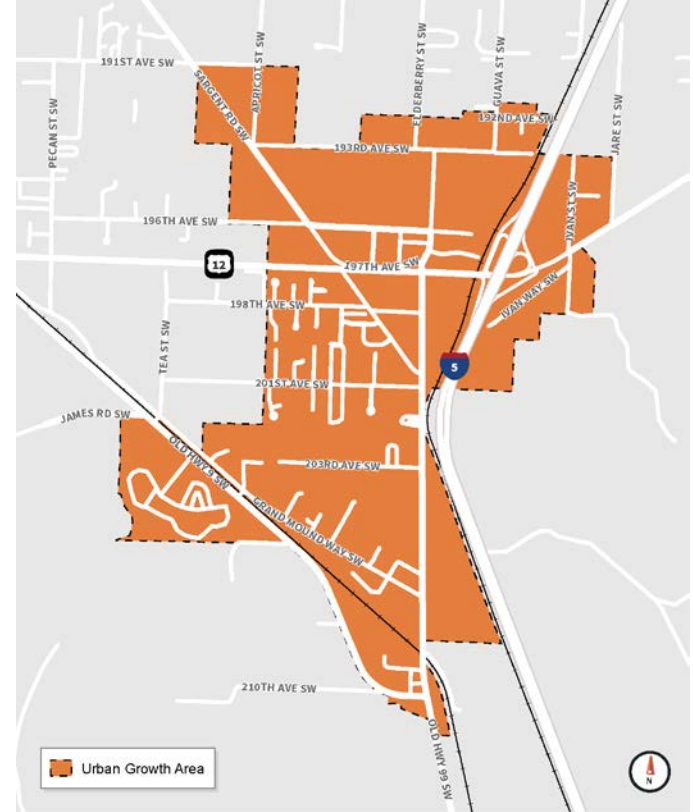


Grand Mound Transportation Study

March 7, 2020

Study

- How does the transportation system in the Grand Mound UGA work today?
- How does the transportation system work in the future?
- Where are improvements needed?
- What are the improvements?
- How should we prioritize those improvements?



Project Goals



Economic Diversity & Tourism. Transportation facilities support economic growth in Grand Mound, including residential, commercial, jobs, and tourism.



Efficient. Roadways and intersections have adequate capacity and function to avoid unacceptable levels of congestion for autos and freight, even as the region grows.



Multi-Modal Connections. Grand Mound's transportation system accommodates walking and biking, including connections to regional trails, transit, and commercial land uses.



Supported. Transportation infrastructure in Grand Mound reflects community input.



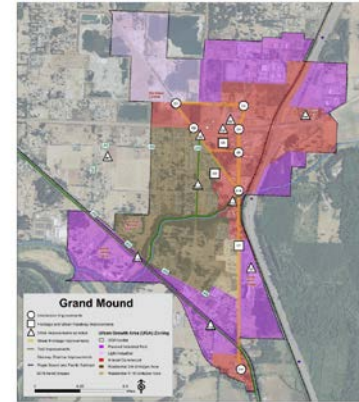
Character. Transportation infrastructure contributes to Grand Mound's identity as a distinctive place with rural character.



Safety. Transportation infrastructure in Grand Mound provides safe options for all users.

Project Selection

- Began with actions identified during Existing Conditions Phase
- Used Project Goals to evaluate project benefits
- 8 highest performing projects evaluated by this study
- Others can be considered as part of future studies
- Input collected from community will help inform prioritization



Grand Mound Urban Growth Area Draft Actions

- C1:** Intersection Improvements — 196th & Sargent
- C2:** Intersection Improvements — US 12 & Sargent (Construction 2021)
- C3:** Intersection Improvements — 196th & Elderberry
- C4:** Intersection Improvements — US 12 & Elderberry/Old Hwy 99
- C5:** Intersection Improvements — 196th & Old Hwy 99 (Construction 2019)
- C6:** Frontage Improvements — 196th
- C7:** Urban Roadway Improvements — Old Hwy 99, from US 12 to Old Hwy 9
- C8:** Frontage Improvements — Sargent, from 196th to Old Hwy 99
- C9:** Pedestrian Crossing Improvements — US 12
- C10:** Intersection Improvements — Sargent & Old Hwy 99, and Sargent & 201st
- C11:** Intersection Improvements — Old Hwy 9 and Old Hwy 99
- C12:** New Trail — Oaks-Rochester-Grand Mound Trail
- C13:** New Trail/Park — Old Hwy 99 and Prairie Creek
- C14:** New Trail — Along Powerlines, from 203rd to 196th
- O1:** Stormwater Pond Improvements — US 12 & Elderberry/Old Hwy 99
- O2:** Gateway Signage — US 12 & Sargent
- O3:** Transit — Bus Shelters & Stops in Grand Mound
- O4:** Park-and-Ride Lot Improvements — Old Hwy 99
- M1:** Designated Bike Route — 196th, Tea St. & Grand Mound Way

Grand Mound Project Evaluation Matrix

ID	Project Name	Project Description	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6	Composite Score	Rank
C1	Intersection Improvements — 196th & Sargent	Construction of a single-lane roundabout at the 196th Ave SW and Sargent Road intersection.	3	6	3	3	6		21	4
C3	Intersection Improvements — 196th & Elderberry	Construction of a 4-lane single-lane roundabout with sidewalks connecting to existing facilities at the Elderberry Road and 196th Ave SW.	3	3	3	3	6		18	7
C4, C9	Intersection Improvements — US 12 & Elderberry/Old Hwy 99	Improve pedestrian right-of-way to decrease crossing times; implement a right-turn overlap phase for the Northbound approach.	3	6	6	3	2		21	4
C7	Urban Roadway Improvements — Old Hwy 99, from US 12 to Old Hwy 9	Develop a cross-section for Old Highway 99 that provides adequate vehicle capacity while providing separated space for bicyclists and pedestrians.	6	3	6	6	3		24	1
C8	Frontage Improvements — Sargent, from 196th to Old Hwy 99	Develop a cross-section for Sargent Road that provides adequate vehicle capacity while providing separated space for bicyclists and pedestrians.	0	3	6	6	6		21	4
C10	Intersection Improvements — Sargent & Old Hwy 99, and Old Hwy 99 & 201 st	Combine the Sargent Road and 201st intersections with Old Highway 99 with a roundabout.	6	6	3	4	3		22	3
C11	Intersection Improvements — Old Hwy 9 and Old Hwy 99	Construct a traffic signal or roundabout at the Old Highway 99 and Old Highway 9 intersection.	6	6	3	3	6		24	1
13, C14	New Trail — Along Power lines, from 203rd to 196th	Build new multi-use path along the power lines west of Old Hwy 99 from 203rd Ave SW to 196th Ave SW. This includes creating a park near Prairie Creek and providing connections to the planned Rochester-Grand Mound Trail.	0	0	6	6	6		18	7
23, O4	Park-and-Ride Lot Improvements — Old Hwy 99	Construct and improve bus shelters and stops throughout Grand Mound, including improving the Grand Mound Park & Ride and providing north-south service through Grand Mound.	0	0	3	6	3		12	9
M1	Designated Bike Route — 196th, Tea St. & Grand Mound Way	Identify and provide signage for a safe designated bike route in a C-shape along 196th Ave SW, Tea St. & Grand Mound Way.	0	0	0	3	3		6	10

Projects Evaluated

C1.196th Avenue SW & Sargent Road SW Intersection Improvements

C3.196th Avenue SW & Elderberry Street SW Intersection Improvements

C4.US 12/Old Highway 99/Elderberry Street SW Intersection Improvements

C7.Old Highway 99 Improvements

C8.Sargent Road Improvements

C10.Sargent Road SW /201st Avenue SW/ Old Highway 99 Intersection Improvements

C11.Old Highway 9 & Old Highway 99 Intersection Improvements

C13. Power Line Trail



C1.196th Avenue SW & Sargent Road SW Intersection Improvements

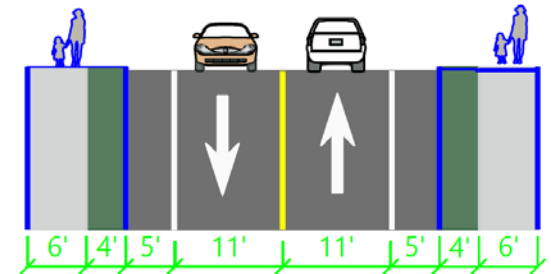
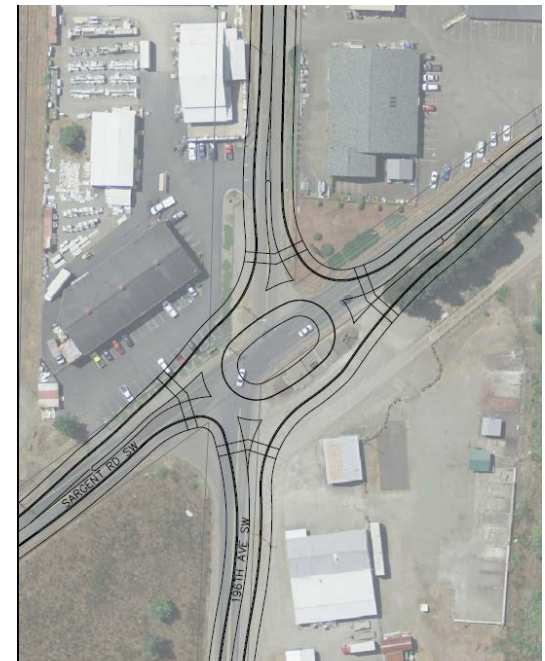
Project Description: Construction of a single-lane roundabout at the intersection with 10' sidewalks to accommodate bicyclists and pedestrians.

Project Considerations:

- Right-of-way impacts
- Signal control was also considered

Project Costs: \$5.515M

Project Goals:



*Sargent Road Cross-Section
(Between US 12 & 196th Avenue SW)*

C3.196th Avenue SW & Elderberry Street SW Intersection Improvements

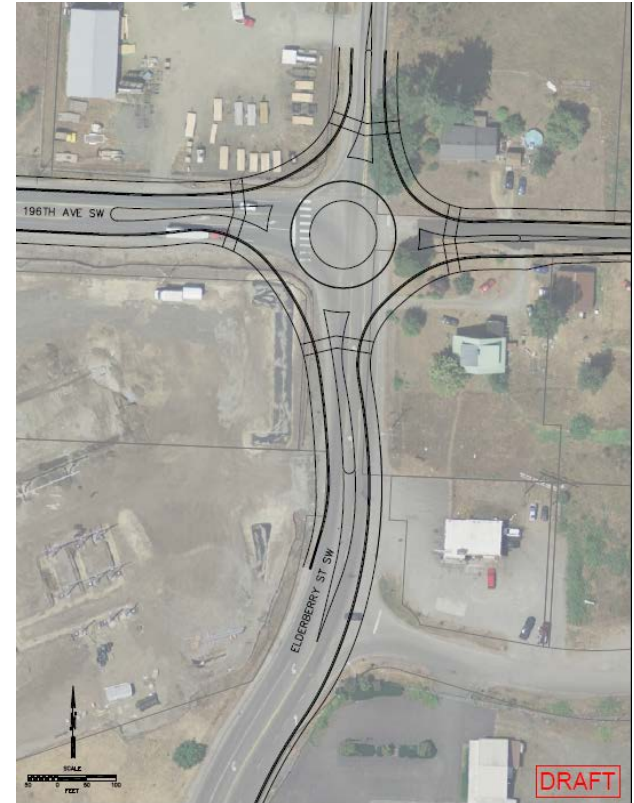
Project Description: Construction of a single-lane roundabout at the intersection with 10' sidewalks to accommodate bicyclists and pedestrians.

Project Considerations:

- Right-of-way acquisition on all four corners
- Reconfiguration of driveways between US 12 and 196th Avenue SW
- Roundabout must accommodate large trucks

Project Cost: \$4.51M

Project Goals:



C4.US 12/Old Highway 99/Elderberry Street SW Intersection Improvements

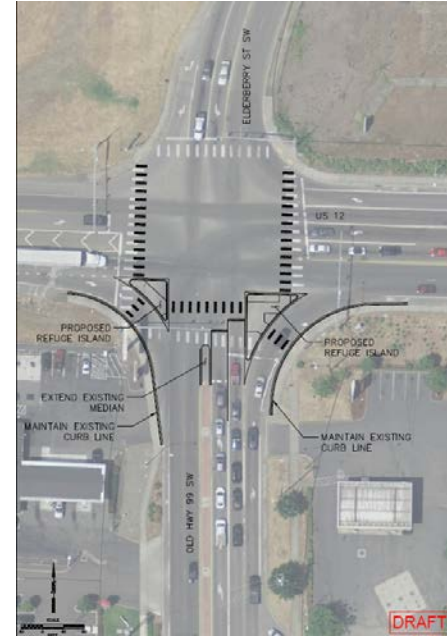
Project Description: This project would construct pedestrian refuge-islands for pedestrians crossing the east, west, and south legs of the intersection.

Project Considerations:

- Need to accommodate Northbound U-Turn
- Consideration for other improvements along US 12
- Could also be used by bicyclists crossing US 12 and Elderberry Street SW
- Pedestrian Overcrossing also considered

Cost Estimate: \$250,000K (Cost to be refined through additional analysis)

Project Goals



c7.Old Highway 99 Improvements

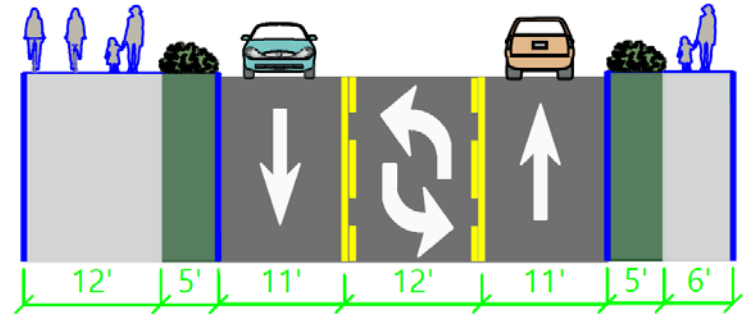
Project Description: Connect existing sidewalks on east side and construct shared use path on west side of Old Highway 99 between 198th Way SW and Old Highway 9.

Project Considerations:

- Consolidate or limit access from driveways where possible
- Construct center-median where appropriate
- Identify locations for mid-block crossings as development occurs

Project Cost: \$8.24M

Project Goals



Old Highway 99 Cross-Section

C8.Sargent Road Improvements

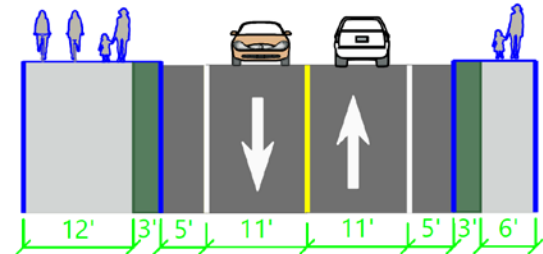
Project Description: Construct a shared use path for bicyclists and pedestrians on west side of Sargent Road and sidewalks on the east side of Sargent Road.

Project Considerations:

- Bicyclists could also utilize shoulders on Sargent Road
- Connection to other multi-modal facilities for all ages all abilities

Project Cost: \$2.93M

Project Goals:



Proposed Sargent Road Cross-Section

C10.Sargent Road SW / 201st Avenue SW/ Old Highway 99 Intersection Improvements

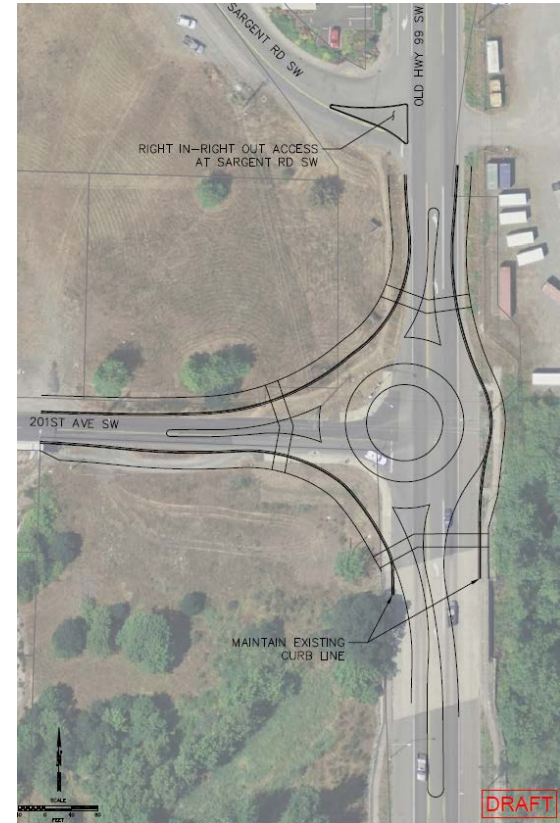
Project Description: Reconfigure Sargent Road to allow right-in/right-out access only at Old Highway 99 and construct a single lane roundabout at 201st Avenue SW.

Project Considerations:

- Limited access at Sargent Road would change travel patterns
- Close spacing between intersections limits options for improvements
- Residential area would benefit from an additional north-south connection between 201st Avenue SW and 198th Way SW

Project Cost: \$5M (Cost-estimate to be refined through additional analysis)

Project Goals:



C11. Old Highway 9 & Old Highway 99 Intersection Improvements

Project Description: This project would construct a traffic signal at the intersection.

Project Considerations:

- Intersection must be able to accommodate large trucks
- Need to maintain access to land use east of Old Highway 99
- Roundabout control also evaluated at this intersection, but screened due to access and Right-of-Way impacts

Project Cost: \$900K (cost to be refined through further evaluation)

Project Goals:



C13. Power Line Trail

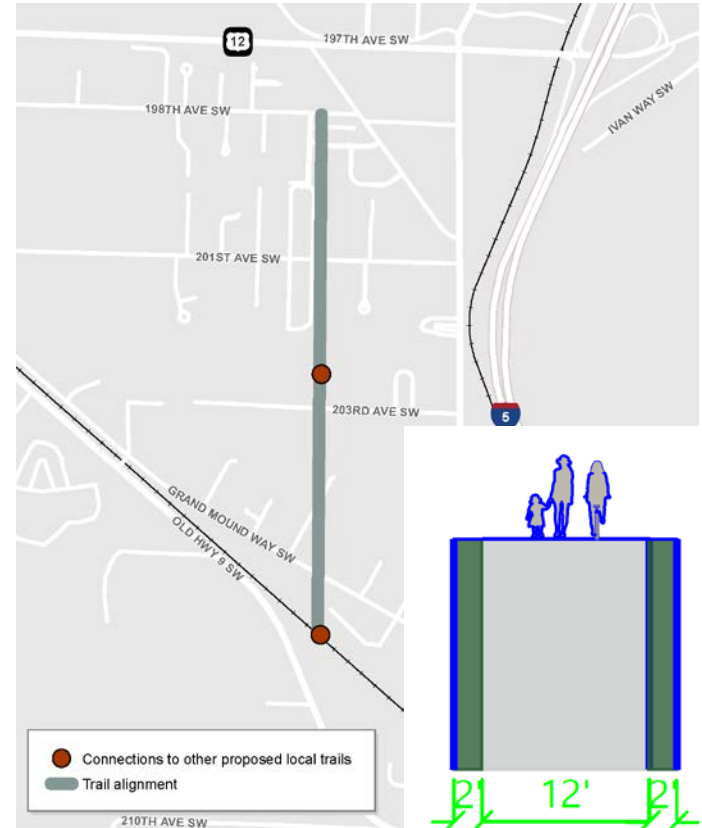
Project Description: Construction of a multi-use trail following the existing power lines alignment.

Project Considerations:

- Will require coordination with PSE
- Treatments for trail crossings at local streets
- Will require wayfinding signage to direct users to trail

Project Cost: \$3M

Project Goals:



Proposed Trail Cross-Section

What's Next?

- Community input will help inform how improvements are prioritized
- Transportation Study will support Grand Mound Subarea Plan Update
- Grand Mound Subarea Plan will establish the vision for Grand Mound's future





Grand Mound Subarea Plan

March 7, 2020



GRAND MOUND URBAN GROWTH AREA SUBAREA PLAN

Overview

Grand Mound was established as an Urban Growth Area (UGA) in 1995 as a means to curb urban sprawl and concentrate development within the UGA. The areas outside the UGA are reserved for rural use and characterized in the County's Comprehensive Plan and the Rochester Subarea Plan. In 1996, a subarea plan for the Grand Mound UGA was developed with separate development guidelines, zoning designations and road standards specific to the area.

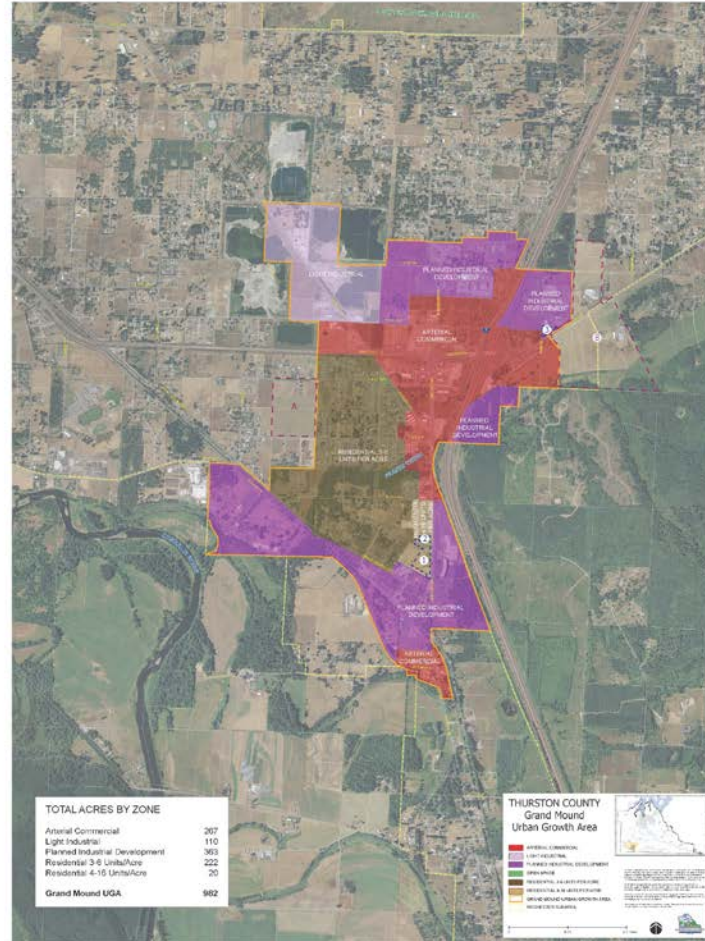
The subarea plans are over 20 years old and are currently being updated now as part of the County's Comprehensive Plan Update process to ensure the goals and policies meet the current community's visions.

PROJECT TIMELINE



COMPONENTS OF THE UPDATE

- Grand Mound Subarea Plan document (last updated July 1996)
 - History
 - Existing Conditions
 - Land Use
 - Population and Housing Characteristics
 - Transportation (contracted with TRPC)
 - Public Services and Facilities
 - Vision and Planning Objectives
 - Land Supply Analysis
 - Land Use Designations
 - Public Involvement
 - Growth Management Act Compliance
 - County-Wide Planning Policy Compliance
- Grand Mound Development Guidelines (last updated March 1998)
 - Sign Guidelines
 - Parking Lot Guidelines
 - Landscape Guidelines
- Thurston County Road Standards (last updated January 1999)
- Land Use Amendments within the UGA
 1. Steelhammer Family Trust (Amend 3.85± acres from R 4-16/1 to AC)
 2. Fire District #14 Old Grand Mound Fire Station (Amend 0.65± acres from R 4-16/1 to AC)
 3. Morgan (Amend 0.97± acres from PID to AC)
- Land Use Amendments adjacent and outside the UGA
 - A. Wilmosky (Amend 28.95± acres from RRR 1/5 to R 4-16/1 or R 3-6/1)
 - B. Dragt/Old Hwy 99 (Amend 95.01± acres from RRR 1/5 to RRI or RCC)
- Amendment minimum lot width standards in TCC 20.15.060



THANK YOU!

Find out more and ask questions at individual stations.

Staff contact:

Grand Mound Transportation Plan

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Grand Mound Subarea Plan & Development Code Amendment

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