



Lake Oswego Pipeline (Laurel, Erickson and Highway 43 south to Marylhurst) “Meet the Contractor” Meeting Summary

**Wednesday, July 16, 2014, 7:00 to 8:30 p.m.
Lake Oswego United Methodist Church**

Attendance:

Total signed in at the meeting was 27. Approximate attendance was 35. Dave Prock, Jane Heisler, Katy Fulton and Jerome Duletzke were present from the project team.

Representatives from Emery & Sons included John Riney, Construction Project Manager; Jim Seely, General Superintendent; Garrett Wavra, Assistant Project Manager; and Khameese Waked, Project Manager.

Matt Tipton, Associate Engineer for the City of Lake Oswego, was also present with materials related to the Laurel Narrows pathway project.

Notice and Handouts:

A postcard was mailed to over 1,300 properties near the pipeline route from McVey Avenue to the Lake Oswego and West Linn city limit inviting people to attend the meeting. A meeting notice was also placed on the project website. Emails were distributed to approximately 500 signed up to receive project email updates. Invitations were sent to the Hallinan, Glenmorrie and McVey/South Shore Neighborhood Association representatives, Marylhurst Homeowners Association, Marylhurst University, ODOT, Lake Oswego School District and Lake Oswego Police and Fire Department representatives. Attendees were provided with project contact cards, agendas and the [What to Expect During Pipeline Construction Brochure](#). Large maps of the entire alignment were available for viewing on long tables. Maps of the alignment along Erickson, Laurel and Highway 43 to West Linn city limits were on display. Maps of the detour routes were also displayed on poster boards as well as construction photos.

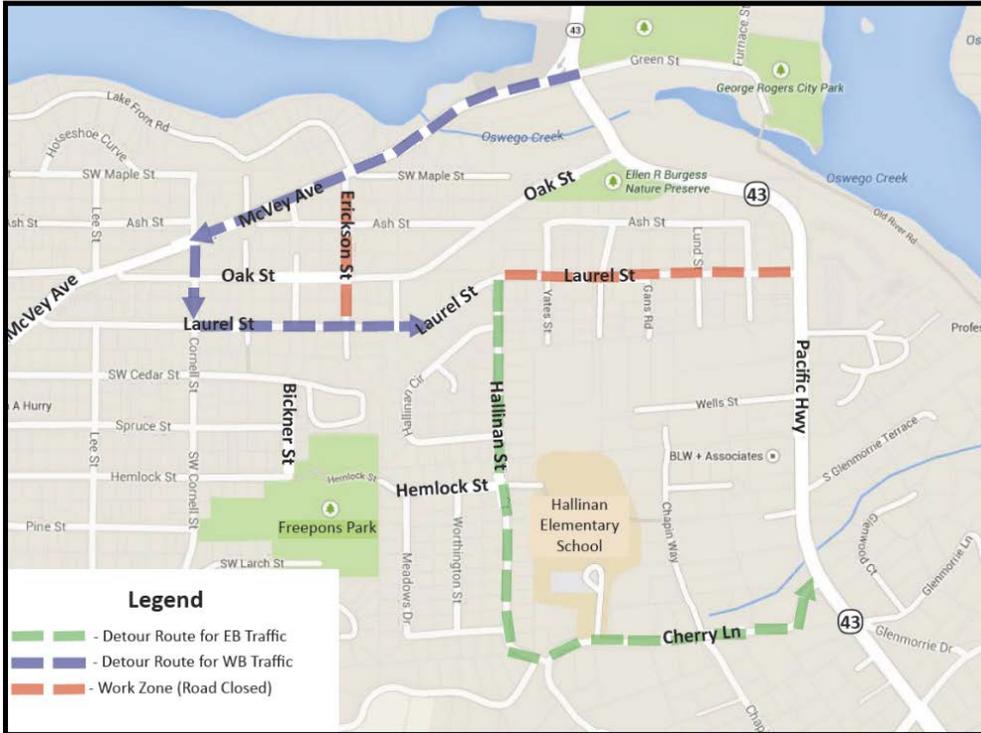
Meeting Summary:

The goal of the meeting was to inform residents about what activities to expect during construction in their neighborhood and ask questions of the contractor.

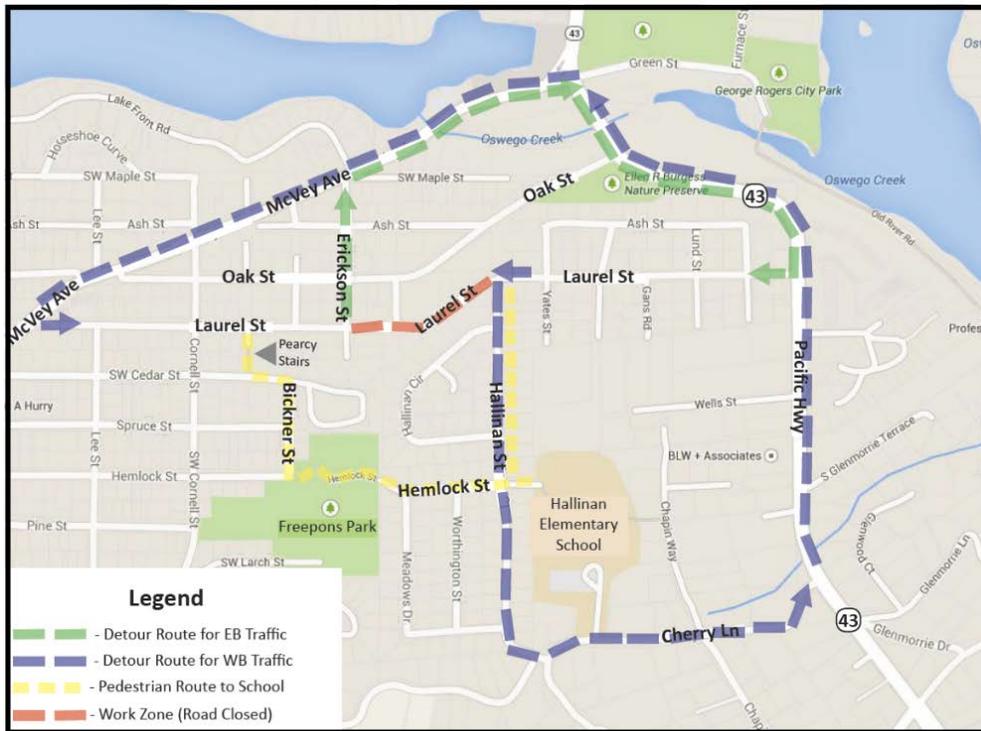
Jane Heisler provided an overview of the entire project, discussing new facilities and pipelines in Gladstone, West Linn, Lake Oswego and Tigard. Jane stated that Lake Oswego and Tigard formed a partnership to share water and share costs of construction of the project. Jane introduced the project team and contractor representatives.

Jerome Duletzke explained that the current system is worn out and needs to be replaced. He noted that crews are currently working on Iron Mountain Blvd. and in the Lake Grove Elementary School area. Crews will soon start work at Laurel Street and Hwy 43 and move toward the “narrows” area. John Riney noted crews are currently about 80% complete with

Traffic detour maps for Hallinan neighborhood:



Construction Phase One (below):
Erickson Street will be closed between McVey Ave and Laurel Street and Laurel Street will be closed between Hwy. 43 and Hallinan Street.



Construction Phase Two (below):
Laurel Street will be closed in the narrows, between Erickson Street and Hallinan Street.

Questions and Answers:

How do you weld and pressure test the pipe? During fabrication, the pipe is “belled” so the joints overlap. The pipe is then welded on the outside and inside. These double welds decrease the possibility of leaks and make the pipe more seismically resistant. The pipe interior is cement mortar. The exterior is poly coating. Each weld is pressure tested with air, then the entire pipeline is pressure tested with water.

How long will the coating last? The outer coating will last over 40 years.

Do you anticipate 50 – 100 feet of pipe per day on Laurel/Erickson? Once crews get going, construction should progress 100 – 120 feet per day.

What will the haul route be for trucks coming and going? There will be single and double dump trucks. Seven trucks will cycle per crew, per day. From Laurel, trucks will exit and go south on Highway 43. From Erickson, trucks will go up Hallinan to Cherry, then south on Hwy 43.

Where will your equipment be staged for Hwy 43 work? Emery is working with ODOT to use a facility at I-205 and the 10th Street exit for night work. For day work, some equipment will be stored in the public right-of-way and the rest will be at the staging area on Iron Mountain Blvd.

There are lots of utilities on Laurel. How will you avoid these during construction? As-built drawings show where existing utilities are located and potholing (exploratory digging) confirms the locations. Some existing utilities may need to be relocated but generally the water pipeline will be installed above, below, or adjacent to existing utilities. NW Natural will be relocating service at Dyer & Laurel. Most of the pipeline is designed to not conflict with existing utilities.

I live on Laurel at Yates and I notice that you have had difficulty locating utilities. Yes, since this is an older neighborhood, some utilities are not always well documented.

How will we be notified of an interruption of service? Every effort will be made to send a mailing in advance if time allows. Neighbors affected by a planned water shutoff will always receive a door hanger 48 hours in advance of the shutoff.

Turning left onto Highway 43 from Cherry is difficult and dangerous. How are people to get to downtown Lake Oswego from Hallinan hill? Will there be flaggers to make it less dangerous? If drivers are uncomfortable with turning left onto Hwy 43 at Cherry, they can always travel west on Cherry to Bergis, then north on Cornell to McVey.

Will school bus routes and other school traffic be impacted? Will there be sufficient signage or flaggers to guide traffic? There will be signage installed to direct vehicles around work areas. Emery is coordinating with the Lake Oswego School District and its bus company to keep the

buses running smoothly. Their coordination effort has worked successfully so far with construction in the Lake Grove area and around the Lake Grove Elementary School.

The area around Hallinan School is limited in terms of space, besides Laurel, there aren't many ways to get there. There is also a planned 16 home development on Bickner which may affect the school pedestrian route you have on the detour map. A meeting with the principal and LOSD representatives can be scheduled. The pedestrian route can be changed if it will increase pedestrian safety.

Construction is taking place on the two main streets out of Hallinan Hill. It's going to take a lot of extra time to get out of the area. Why was work planned to start at both ends and work inward to connect in the middle? This seems to be the most inconvenient way for the neighborhood. Work on Erickson doesn't affect traffic flow on Laurel. There will be two crews during phase one – on Erickson, and on Laurel, between Hwy 43 and Hallinan. During the Laurel narrows construction (phase two), Erickson will be open to through traffic (see detour map).

Where will the busses go? School buses will follow the detour route.

Can there be a flagger or temporary traffic light at the corner of Hwy 43 and Cherry to provide another safe option out of the neighborhood toward downtown LO? We can ask the City's Traffic Engineer to work with ODOT to see if this is feasible.

Regarding the houses on Laurel, will local access always be maintained? Emergency access? Homeowner access? Yes, local and emergency access will always be maintained. It will be helpful if residents try to minimize trips when construction is near them, as this will help the construction progress. To increase safety, please make eye contact with a crew member when trying to gain access through the construction area so that they know you are present and can safely guide you through the work area.

What kind of noise is expected in the neighborhood? Work hours are 7:00 a.m. to 6:00 p.m. Monday through Friday. Rock breaking is not anticipated but neighbors can expect noise from excavators, dump trucks and steel plates being moved.

How deep will the trench be for the pipe? Trenches will be 8 – 12 feet deep.

What kind of noise can be expected from Highway 43 work? Work will occur 8:00 p.m. to 5:00 a.m. The contractor is required to implement several strategies to minimize noise including the use of spotters when equipment is backing up, instead of back up alarms, minimizing tail gate banging will be, using lighting that focuses only on the work area, using muffled diesel engines and not banging or dropping steel plates.

Where will equipment be stored during the day from Highway 43 construction? There will be minimal equipment storage on Highway 43 during the day. Most equipment will be removed to ODOT property near Hwy 205 behind guard rails. Full right-of-way use on Hwy 43 will be restored by 5:00 am each morning.

Will it be safe for pedestrians to walk near construction? Pedestrian access is maintained, but for safety reasons, it is best to avoid walking through construction in the Narrows. Construction sites are busy places with lots of equipment and noise. It's best to get the attention of a crewmember before arriving at an active construction area by making eye contact. Then they will let the crew know that a pedestrian needs to get through, or will direct you where to walk safely.

Have you coordinated with fire crews? Yes. The Fire Department has been an active part of the pre-construction process and will continue to be as work progresses.

When will construction start on Laurel and Erickson? Estimated to start mid-August and finish the end of October, 2014.

Who do we contact with questions? You can either send an email to the communications team at lotwater@ci.oswego.or.us, call the project hotline at 503-697-6502, or visit the project website at www.lotigardwater.org

How long will construction through the Narrows last? There could be some changes in project scope, but it is estimated to take at least three weeks.

When will the Highway 43 mainline construction start? Once one of the two crews is complete in the Hallinan Neighborhood, they will move to Highway 43. It is anticipated that work will start in October.

There are 7 dump trucks per crew. How many trips a day will there be? A total of 14 trucks will make multiple trips. The number of trips per day will be about 50.

Will all the digging create a lot of dust? No. There will be watering trucks on site to keep the dust down.

Will the new transmission line improve the poor water quality in our area? The new water system will treat water using ozonation, which will improve taste and eliminate odor caused by organic compounds. In 2016, when the system is in full operation, there will be less chlorine used than is used now in the treatment process.

Why was the route on Laurel chosen? Why are you going through a neighborhood? It was the best option available given the condition of the Hwy 43 Bridge.

Will Highway 43 have new pavement? As construction progresses, crews will patch the pipe trench with asphalt. Once pipe installation is complete from Lake Oswego to Mapleton Drive in West Linn, the entire lane where construction has occurred will be ground and re-paved.

Will there be problems installing a 48" pipe in the small curved part of Laurel? It's narrow and steep with a drop off. Excavators will sit in the middle of the roadway, dig out, place pipe and backfill. Emery has constructed large diameter pipeline in narrow areas before, including recently in the Lake Grove neighborhood in Lake Oswego.

Will we feel vibrations from trucks, trenching, or paving and will this create problems for homes? Laurel has a number of homes that are close to the street. What if there is cracking? Vibration testing has been done on pipe installation and it should not result in vibrations that will cause damage. We will not be breaking rock so that will not be a source of vibration. There may be some vibration from the compactor during paving, but it should not affect homes. If there is damage, contact the Partnership and you will be put in touch with the City's risk management specialist to help you with the claim process.

Will work in the Narrows be on the south side or down the middle? Work will be in the middle. The paved roadway surface is about the width of the excavator.

What will be the width of the trench? Eight feet wide.

Do I need to purchase an air conditioner to deal with the dust generated by construction?

An air conditioner should not be necessary. The contractor is required to keep dust at a minimum and will sweep and spray water to keep dust down. Dust in any one area will be short lived as the pipeline progresses along.

Jane thanked everyone for coming and encouraged attendees to sign in and provide their email address so they can receive regular project updates. She reminded attendees of the best ways to get in touch with the Partnership: Hotline: 603-697-6502; website: lotigardwater.org; and email: lotwater@ci.oswego.or.us