

**Meet the Pipeline Contractor Meeting
Meeting Summary
Horizontal Directional Drilling and Mapleton
Drive - June 3, 2014
Emmanuel Presbyterian Church
7-8:30 PM**



Attendance

About 25 people attended the meeting (total signed in were 18). Dave Prock, Dennis Koellermeier, Katy Fulton, Kari Duncan, Jerome Duletzke, Pat McDougal, Susie Shinn and Terry Bucholtz were present from the project team. The general contractor, Frank Coluccio Construction Co., was represented by Ray Cloutre, Ken Tannahill and Greg Hynes. Eryn Kehe facilitated the meeting.

Notice and handouts

- A postcard was mailed to about 350 homes and businesses in the surrounding area, inviting people to attend the meeting.
- Door hangers were distributed to about 140 properties along Kenthorpe Way, Mapleton Drive and part of Nixon Ave prior to the meeting.
- A meeting notice was placed on the project website.
- Signs were posted at the horizontal directional drilling (HDD) staging area site, at the end of Mapleton Drive; the south entrance to Mary S. Young Park trails at Mark Lane and Mary S. Young Parking lot.
- Emails were sent to about 450 people on the interested parties email distribution list.
- Emails were also sent to the City of West Linn, West Linn City Council, Robinwood Neighborhood Association, Friends of Mary S Young Park, Trimet, ODOT, West Linn Refuse and Recycling, West Linn Post Office, and the West Linn-Wilsonville School District.
- Attendees were provided with a [general construction schedule handout](#), "[What to Expect During Pipeline Construction](#)" brochure, [Water Savvy on Horizontal Directional Drilling](#) and project contact cards.

Summary

I. Call to order

Eryn Kehe welcomed everyone and explained the meeting format.

II. Introductions and overview of project

Katy Fulton provided an overview of the entire project, reviewed the different means for citizens to stay informed about the project, and introduced Jerome Duletzke,

Construction Manager from Brown and Caldwell and Ray Clouatre, Ken Tannehill, and Greg Hynes from Frank Coluccio Construction.

III. Review Pipeline Project

Ray Clouatre provided a review of the HDD and Mapleton Drive pipeline project:

- Frank Coluccio Construction Co. will be the general contractor.
- Michels will be the HDD subcontractor for drilling the pipeline under the river.
- Crews will begin mobilizing equipment this week at the HDD sites.
 - HDD platforms will be installed starting June 5 to accommodate a 55 foot long by 12 foot wide drill.
 - Site preparation is occurring and construction trailers are being installed at Meldrum Bar Park and the Water Treatment Plant sites.
 - A sound wall is being installed around the drilling equipment.
 - The sites will be surrounded by a security fence.
- **Pipe Casing Installation:** Beginning from June 18 a 60 inch steel pipe casing will be installed. The casing will be driven through softer soils to solid ground using a hammer, creating high impact noises for periods of 30 – 60 minutes followed by a two to three hour pause when welding will take place. The loud hammering activity will begin after 9am and is expected to be done around mid-afternoon each day. This process is anticipated to take approximately two weeks.
- Regular construction noise will occur throughout the project.
- Work hours in West Linn are Monday through Friday, 7:00 a.m. to 7:00 p.m. and Saturday 9:00 a.m. to 5:00 p.m.
- A clear walkway will be maintained throughout construction for access to Mary S. Young Park.
- Trucks will arrive and depart via Mapleton Drive. They will unload at the end of Mapleton, backup and turn at Nixon to depart. All on-site equipment will have broadband sensing backup safety alarms, which are not as loud as the typical ones.
- Equipment on site will include tanks, a processing plant for sediment and spoils, a drill, an excavator, and a small office for the radar guide for the pipe drill.
- There will be 10 – 12 workers on site each day. Workers will be shuttled in to lessen traffic and parking congestion at the work site.
- **Drilling:**
 - Drilling of the pilot hole will occur simultaneously from both sides of the river, the Mary S. Young Park side and Meldrum Bar Park side, and will meet in the middle under the river.
 - The pilot hole will have three reaming passes, each one larger than the previous pass.

- Spoils will be processed on site and sediment will be transported to another location for disposal.
- **Pipe Pullback:**
 - 24 hour operation, which could go up to 2 weeks.
 - It will be noisiest at the Meldrum Bar site where cranes will be elevating the pipe.
 - The West Linn side of the river will have a diesel operated winch, pulling the pipe through the casing with a cable.
 - The pipe under the river will be 36 inches in diameter.
 - 24 hour work is planned to be complete before Christmas.
 - The HDD site will be clear in January 2015.
- **Mapleton Drive Pipeline**
 - **Trillium Creek** crossing work will be the first to occur and will be similar to the river crossing but with a smaller casing and drilling machine. It is anticipated to begin in early spring 2015.
 - **Open Cut Pipeline:**
 - Construction to begin spring 2015 and will start at the Mary S. Young end of Mapleton and progress toward Highway 43 at a rate of 50 – 100 feet of pipe a day.
 - Trenches will be 6 – 9 feet wide with 58 foot sections open at a time during the day. At night, trenches will be covered with steel plates and secured with asphalt.
 - Residents will be contacted before access to their driveway is blocked.
 - It is anticipated one lane of traffic with flaggers will be open during construction, but temporary closures may be in place at times.
 - Mail and trash collection services will be accommodated.
 - Work hours will be Monday through Friday 7:00 a.m. to 7:00 p.m. and possibly Saturday 9:00 a.m. to 5:00 p.m.
 - Residents can expect to typically see two excavators, a backhoe, dump trucks, 2 pickup trucks, staged pipe, and 10 – 12 workers.
 - Access for emergency vehicles and pedestrians will be maintained at all times.
 - Attention will be given to erosion control and cleanliness. Silt fences will be installed at parks and spill kits will be onsite.
 - The work is intrusive but the contractor will do their best to be the least intrusive they can be.
 - Roads and plantings will be restored to original or better condition.

A: During open cut pipeline construction on Mapleton Drive, water treatment plant construction traffic will be limited to accessing and leaving the site on Kenthorpe Way.

Q: Where are people supposed to park when their driveway is blocked?

A: The work area will be limited to 150 feet so it will be possible to park in close proximity to your home, along Mapleton Drive. Accommodations have been made for the elderly or people with special needs. A condition of approval for the project is to provide temporary parking within 200 feet of a resident's home during the time that a driveway may not be accessible.

Q: Will Mapleton be paved all the way up to Highway 43?

A: Yes. Mapleton and Kenthorpe will be completely repaved at the end of the project. Paving is anticipated to occur in spring 2016.

Q: Will utilities be considered so services aren't interrupted?

A: Exploratory digging (known as potholing) will be done to determine utility locations before the pipe is installed. There may be times when a service line will need to be relocated. For any planned shutoffs, advance notice will be provided to those residents affected.

Q: How is 24 hour work during pullback possible when the Conditions of Approval limit work to 7:00 a.m. to 7:00 p.m. Monday through Friday and 9:00 a.m. to 5:00 p.m. Saturday?

A: The 24 hour work during pullback has been part of the application since the beginning of this process. The Conditions of Approval state that any homeowners within the immediate vicinity of the HDD staging area (300 feet) may request to seek accommodations elsewhere at the Partnership's expense, during 24 hour pullback work.

Q: Will pullback be audible from the location of the Emmanuel Presbyterian Church?

A: The casing installation work will be louder than the 24 hour a day pullback work. Many things can buffer or enhance the construction noise, including distance and vegetation. During pullback, there will be one generator running and there will be a sound barrier installed. It will be noisiest at the Meldrum Bar Park site.

Q: What type of noise, vibration, and exhaust fumes can be expected uphill from the HDD site?

A: We are unable to gauge that until work is underway, but have been informing people in the broader area about the noise anticipated during the casing installation. Vibration monitors will be installed at the site, and at adjacent homeowners' properties if requested. Twelve neighbors immediately adjacent

to the site have been offered pre-construction home inspections by an independent inspector.

Q: Will Trillium crossing work be as loud as the river crossing?

A: It is expected that Trillium crossing may be quieter and with less vibration, due to the size of the crossing.

Q: Will people who live 320 feet from the HDD site not be given accommodations during the 24 hour pullback work if the noise is unbearable?

A: 300 feet was determined as a result of environmental reports that were part of the land use process and is part of the Conditions of Approval. The noisiest work is expected to occur during the daytime hours when the casing is installed.

Q: What does the 24 hour relocation entail?

A: There are eight neighbors who reside within 300 feet of the HDD staging area. Each will be contacted 60 days before pullback activity begins and offered accommodations at a nearby hotel with breakfast. Those that accept will then be reimbursed by the Partnership.

V. Project contacts, notifications and closing

Katy 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 or the bi-monthly construction meetings at Burgerville. The next construction update meeting will be June 17 at 6:00 p.m. at Burgerville in West Linn.