



Meeting Summary

Neighborhood Construction Update Meeting – West Linn

Meeting number: 020

Date: Tuesday, July 1, 2014

Time: 7:30 a.m. to 8:30 a.m.

Location: Burgerville, 18350 Willamette Drive, West Linn

Facilitator: Katy Fulton

Attendees: Three neighbors attended the meeting and one West Linn City Councilor.

Project team staff:

Katy Fulton – City of Lake Oswego

Tom Lebo - Brown and Caldwell

Jane Heisler – City of Lake Oswego

Ron Candell – Slayden Construction Group

Jerome Duletzke – Brown and Caldwell

David Pease – Staheli Trenchless Consultants

Ray Clouatre – Frank Coluccio Construction Co.

I. Welcome & introductions

Katy welcomed everyone to the meeting, introduced new attendees and outlined the agenda.

II. Today's topics of interest

Katy asked the attendees what topics they wished to discuss at the meeting. The brainstorm of topics included:

- 1) What is the purpose of the sound wall, if it is only two sides?
- 2) Are you working on July 5?
- 3) Hammering progress – is it on schedule?
- 4) Ground conditions – does the hammering get louder and stronger the further you go?
- 5) How is the casing installation different from sheet piling? Why is casing installation not included in the Environ report? Did you purposely leave it off the report?
- 6) Noise from Meldrum Bar Park pipe ramming – report from an attendee that a friend living on Dillow Drive works nights and can't sleep during the day because of the noise across the river. Are there vouchers available for those who sleep during the day?
- 7) HDD pullback process – duration and truck trips?

Discussion is included in Sections III-VI below.

III. Two Week Look Ahead (Slayden) – Water Treatment Plant

Ron indicated that there would be no work on July 4th or 5th. Work is currently underway on seven new buildings at the site. Eight or so slabs are left to pour for the clearwell roof. The 2nd wall of the mechanical dewatering building will be poured tomorrow. For the ballasted flocculation, two walls are left to pour; crews have also started the shoring support for the roof. Electrical building is progressing, crews are pouring the last of the underground plumbing. 48" overflow pipe installation continues through next week, tying into the clearwell. Water testing the gravity thickener continues. Neighbors may notice some vibration when backfilling resumes for the gravity thickener and clearwell.

Slayden will be excavating for the elevator pit for the new administration building in the WTP parking lot before the rains arrive, later in the season. They will use a box for shoring to protect workers underground.

The two week look ahead can be found [here](#). The current site plan can be found [here](#).

IV. Two Week Look Ahead (Coluccio) – Pipeline construction

Ray indicated the casing installation is progressing well since they started the first piece on Saturday. After ramming a 20 ft casing piece, crews send in an auger to remove rock and soil, then weld a new piece on and continue ramming. This should take about two weeks to complete, depending on conditions. Dave indicated that they have been installing about one foot of casing per 2.5 minutes of hammering. The work will not get louder as the casing goes deeper, it may just take longer in duration to hammer the casing.

Ray stated that they have been able to manage garbage trucks and deliveries down Mapleton. At Meldrum Bar Park, crews have had to shift to a smaller casing due to friction, but the hammering work will resume soon.

No work will take place on July 4 or 5.

V. Updates on previous action items

The following updates were provided on action items:

Item #	Date raised	Question or concern	Response or comment	Status
19.1	6/17/14	Do the tower cranes affect cell phone reception? (Report from neighbor that for about 3 months there has been little cell phone reception in his house)	<i>No, this is unlikely. It would be best to contact your cell phone provider. Christian stated he will also investigate to see if cranes have affected service before, but this is not likely. At the 7/1/14, Ron stated that cranes do not affect cell service. The Partnership also provided the homeowner with a cell phone booster to assist his service.</i>	Closed 7/1/14
19.2	6/17/14	What are the anticipated noise levels for the pipe ramming?	<i>For decibel levels in general, at about 90 dB, crews need to wear earplugs. The noise levels can vary greatly and dB levels do not take into account the angles of equipment being placed, and the topography of the area. At the 7/1 meeting, an attendee stated that they had a phone application that showed 95 dB at their home, close to the HDD site. Dave and Ray explained that there are many variables that go into who hears noise and where: angle of the hammer, terrain, etc. Decibel readers also need to be calibrated. The attendee stated that inside their house it was 60dB. Katy also mentioned that there is no noise restriction for construction during approved work hours in West Linn.</i>	Closed 7/1/14
19.3	6/17/14	How will it be possible to park within 200 feet of our home during any driveway blockages for Mapleton pipeline construction? Request for a diagram of the street for adequate parking locations.	<i>Crews will be working on Mapleton Drive from 7am – 7pm, so driveways will not be blocked in the evenings. The work area will be limited to 150 feet, so it will be possible to park in close proximity to your home on Mapleton Drive. A condition of approval is to provide temporary parking within 200 feet of a resident’s home during the time that a driveway may not be accessible. The contractor will work with neighbors to coordinate this parking. The right of way of Mapleton Drive is 50 feet in width. The Partnership and contractor will coordinate parking arrangements, to the extent needed, but there should be ample parking along the street outside the work zone. The Partnership will report back with additional information closer to pipeline construction on Mapleton Drive – earlier next year.</i>	Closed 7/1/14

VI. Topics of interest discussion (from II, above) and action items

Questions and responses provided during the meeting are listed below. Action items are listed in the second table below.

Question or concern	Response or comment
HDD pullback process – duration and truck trips? We were told 2-3 days. Now we’re being told it could be 2-3 weeks? We were told a certain number of truck trips and trucks for HDD would be coming every 5 minutes. You can put up with something for 1-2 days but not 2-3 weeks.	<i>Ray stated that there will be no dump trucks hauling during pullback. There will be a few trucks to support the operation, but the dirt will already have been hauled away. They will be pulling pipe from the Meldrum Bar Park side to the Mapleton side. All welding and drilling will occur from the Meldrum Bar Park side. Anticipated noise from equipment would be from generators, compressors, and noise experienced during the normal drilling operations – a lot less noisy than pipe ramming for the casing installation.</i>
Are you working on July 5?	<i>No, neither Slayden at the WTP or Coluccio/Michels at the HDD site will be working on July 4 or July 5.</i>
When does demolition start on the other buildings at the WTP?	<i>Ron stated the next demolition would occur in late Fall, and it would be a similar noise to that experienced during the lagoon demolition earlier this year.</i>
Will the demolition be loud?	<i>It will be similar to the demolition and removal of the lagoons that occurred earlier this year—similar impacts to what the neighborhood has had previously, not a new activity.</i>
If you need to do sheet piles again, when would that be? If you don’t install sheet piles, what method would you use?	<i>Ron indicated that they may not install any more sheet piles for shoring the new wastewater recovery structure. It is currently scheduled to occur in early next year – Feb or March. Slayden has not yet determined the preferred method for shoring, but when they do, we will let neighbors know.</i>
What is the purpose of the sound wall, if it is only two sides? It appears as though it funnels the noise up. Has that been the design since the beginning? Why can’t you put a sound wall across the street from the HDD site?	<i>The sound wall was included in the land use application and conditions of approval as additional noise mitigation for the site. Due to the restrictions with the site, the noise barrier could only be placed on the eastern and northern boundary of the site, to allow ingress and egress of equipment on the western side of the site. This has been the design since the beginning of the project. In addition to the sound wall, Dave discussed the equipment silencing packages on the Mapleton side that are not on the Meldrum side. The power unit is enclosed and other equipment is containerized. It is from the Hudson River where Coluccio had it specially built for working next to office buildings. Everything is insulated and enclosed with thick walls. This equipment is as quiet as possible.</i>
Ground conditions – does the hammering get louder and stronger the further you go?	<i>No, the hammering does not get louder, however, it may be longer in duration to hammer the casing the deeper it is installed.</i>
Do you hammer at the same amount of pressure?	<i>Yes, the hammer runs at full capacity – it cannot go any faster.</i>
Request to place no parking signs along the site fence at the end of Mapleton. Attendee has asked at the City of West Linn but has received different answers depending on the person she talks to.	<i>Katy stated that she has passed the request onto the City of West Linn and the Police Department, and that the Partnership is coordinating with them directly to determine what signage to install and where it should be placed.</i>
Does the casing stay in place or do you remove it?	<i>The casing stays in place.</i>

Hammering progress – is it on schedule?	<i>Dave indicated that crews have completed 100 feet of the 200’ planned for the site.</i>
How is the casing installation different from sheet piling? Why is casing installation not included in the Environ report? Did you purposely leave it off the report?	<i>The Partnership will report back at the 7/15 meeting.</i>
Noise from Meldrum Bar Park pipe ramming – report from an attendee that a friend living on Dillow Drive works nights and can’t sleep during the day because of the noise across the river. Are there vouchers available for those who sleep during the day?	<i>Katy stated that for any concerns, neighbors should contact the hotline or email lotwater@ci.oswego.or.us</i>
What is the flow of the rest of the HDD work?	<p><i>The process includes:</i></p> <ol style="list-style-type: none"> <i>1. Casing is installed using the hammer, to reach bedrock. It is then augured out.</i> <i>2. Reaming pass (pilot hole) begins - the hammer is replaced with a drill, to drill through basalt/rock under the river.</i> <i>3. Flush out the slurry, remove the spoils off site.</i> <i>4. 2-3 reaming passes to create the diameter needed for the pipe (5-10 trucks a day)</i> <i>5. “Pull back” – pipe is welded and then pulled through the hole</i>

Action Items List

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20.1	7/1/14	How is the casing installation different from sheet piling? Why is casing installation not included in the Environ report? Did you purposely leave it off the report?	<i>The Partnership will report back at the 7/15 meeting.</i>	Open

VII. Wrap up and next meeting

The next West Linn construction update meeting will be held on **Tuesday, July 15 at 6 p.m.** at Burgerville, 18350 Willamette Drive, West Linn.

Thank you to those who attended the meeting. Thank you to Burgerville for providing the meeting space, cookies and coffee.