



INSPECTOR'S DAILY REPORT

City of Lake Forest Park - Staunton Cove Short Plat

Daily Information	
Inspector's Name:	Michael Maranan Date: 10/11/2016
Inspector's Shift Hours:	8 a.m. to 5 p.m. - Periodic
Weather:	a.m.: 37±°F, mostly cloudy p.m.: 61±°F, mostly sunny
Prime Contractor:	Universal Land Construction Company
Representative & Title:	Mike Johnson, Project Manager
Contractor's Work Activity	
Location of Work:	Site Frontage (18623 40th Place NE)
Description of Work:	Construction of Offsite Storm Drainage Conveyance System

Inspection			
Time	What was inspected?	In Conformance?	Comments / Action
-	Storm drainage	-	<ul style="list-style-type: none"> The 48-inch diameter type-2 structure for CB-7 was installed. The constructed storm line is comprised of 12-inch ribbed PVC pipes. The storm line depicted on the approved plans was modified horizontally due to conflicts with the existing utilities within the right-of-way - see 10/5/2016 report.

Inspection	
Diary	
Time	Discussion
7:40 AM - 4:30 PM	<p>Approximate time of arrival on site was 7:40 AM. Craig Thompson (foreman, Universal Land) with six other workers were on the site frontage. Besides his crew, there were 2 third-party flaggers on each end of the traffic-controlled section of the street.</p> <p>The following equipment were used for the storm drainage construction and temporary roadside restoration:</p> <ul style="list-style-type: none"> Deere 225D track hoe Deere 135G track hoe with compaction plate attachment Deere 544K loader Dump truck Ingersoll Rand DD24 double-drum roller <p>A Deere 310 SE loader backhoe was also used later for street cleanup.</p> <p>The following were observed:</p> <p>7:40 AM - As part of their traffic control for the day, the vehicle operators added and compacted crushed rock on the roadside. To prevent failure, a steel plate was already placed over the temporary patch around CB-8 prior to excavating between CB-7 and CB-8.</p>



INSPECTOR'S DAILY REPORT

- 8:20 AM - Two workers were shovelling in between CB-7 and CB-8 where a crossing gas line was expected.
- 8:40 AM - Asphalt grinding commenced; excavation for the storm drainage construction followed shortly.
- The foreman reported inconsistencies with the automatic level that was used from the beginning of the storm construction. He plans to verify the elevations and the constructed slopes using another available equipment. **The inspector shall be updated as soon as this information is available.**
- 12:10 PM - The base structure for CB-7 was placed. CB is a 48-inch diameter type-2 structure, as depicted on the approved plans.
- 1:00 PM - The representative from Earth Solutions NW (Samuel Suruda, field technician) arrived to test for backfill compaction. Bill Smith (contractor's superintendent) was also on site, briefly.
- 2:50 PM - Temporary asphalt patching was done. The vibratory roller and a plate compactor were used to compact all of the temporary areas.
- 3:30 PM - Three sticks north of CB-7 were placed and bedded. Native material was typically used as backfill outside the roadway prism.
- The rest of the sections for CB-7 were placed: two 4-foot midsections, one 2-foot midsection and the top.
 - The foreman maintained the roadside crushed rock installed earlier, using the backhoe loader.
- 4:30 PM - The sweeper truck has already arrived and cleaned the street.
- Inspector left the site.

The following TESC items have been noted:

1. **Discharge:** No discharge.
Approximate amount of precipitation since last inspection: 0.01 inch*
Approximate amount of precipitation in the past 24 hours: 0.01 inch*
* Based on nearby rain gauge as recorded by King County.
2. **Construction Entrance:** OK.
3. **Perimeter protection:** OK.
4. **Tree protection:** OK.
5. **Silt fence:** OK.
6. **Inlet protection:** OK.
7. **Stabilization of exposed soils:** Stockpiles were covered in plastic, and exposed areas have been hydroseeded - OK.
8. **Dust control:** OK.
9. **Source control:** Sweeper truck performed street maintenance only twice during the site visit - OK.

The storm drainage pipes used were 12-inch diameter ribbed PVC pipes as per the approved materials submittal. These pipes comply with the 2009 King County Washington Surface Water Design Manual as adopted by the City of Lake Forest Park.

Pea gravel was used as pipe bedding material and structure base material; crushed rock was used as trench backfill material over the roadway only. Both the bedding and trench backfill materials used today were compliant with the 2016 Standard Specifications for Road, Bridge and Municipal



INSPECTOR'S DAILY REPORT

	<p>Construction by WSDOT. Proper depth and cover within the pipe zone were also per the WSDOT Standard Plan B-55.20-00.</p> <p>The flaggers, traffic signs and devices appear to use the WSDOT Plan Reference No. TC1; however, the work area on the northbound lane was closer to middle of the road, and so the southbound lane used for the two-way traffic was pushed further east where crushed rock was added along the roadside.</p>
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Michael Maranan
(Inspector's Printed Name)

Signature

10/11/2016
Date