

Daily Report

Project: Date: March 31, 2020 **Durham Meadows Pipeline Installation** Oak Terrace, Royal Oak Drive, Water tank, Durham & Day of Week: Tuesday **Location:** Middletown, CT **Report No:** 51 Project #: AECOM: 6061487 1 of 19 **Contractor: Ludlow Construction** Page:

Weather Conditions

Conditions: Daylight hours. Sunny, winds variable 5-10 mph.

Temperature (°F): High 48°F Low 31°F

Co	ontracto	rs a	& Sub	contractors Workforce			
Trade	#	х	hrs	Trade	#	х	hrs
USACE				Ludlow Construction			
Field Engineer	2	х	8	Superintendent	1	х	8
				Safety Officer	1	х	8
				Foreman	1	Х	8
				Dump truck Operator	2	Х	8
				Excavator Operator	2	Х	8
				Skid Steer/Bucket Loader Op.	1	Х	8
				Laborers	4	х	8
				Total 9 persons + 1 sub. Trucker			
				Note that some persons operate			
				Multiple pieces equipment.			
				Sub-contractor			
				Dump truck Operator	1	Х	8
				Middletown Police Dept.			
				Police Officer Detail	1	х	8

Equipment in Use			
Туре	#	х	hrs
Concrete/Asphalt Road Saw	0	х	8
Dump truck	4	х	8
Excavator - Large	1	х	8
Excavator - Mid-Size	1	Х	8
Excavator - Rubber Wheeled – Rock Hammer	0	х	8
Skid Steer / Bucket Loader	1	х	8
Rolling Compactor	1	х	8
Plate Compactor	1	х	8
Jumping Jack Compactor	1	х	8
Street Sweeper (Broce Broom)	1	х	8
Material Hopper	0	х	8
Pipe saw	1	х	8
Light Tower	0	х	8

Visitors:

NONE

Notes:

Pipe Connections: 40 feet of 8" DI pipe (30' at Oak Terrace and 10' on Main Street) and 6' of DIP were installed today (exclusive of connecting T fittings, valve assemblies, and hydrant assemblies). ALL pipe installed on 3-31-2020 was restrained.

Compaction Testing: No compaction testing performed today.

0710: Ludlow begins to excavate at the intersection of Oak Terrace and Main Street. Rock is encountered 7-8 feet below grade but does not require hammering and does not seem to be slowing down the progress of the excavation. Ludlow using flagman to control traffic: there is no detail officer present.

0735: A T-fitting and an 11¼-degree section is used to connect a 10′ section of 8″ DIP to existing water line running down the west side of Main Street. The 10′ section of DIP was placed on Oak Terrace The 11¼-degree collar was used to accommodate the rise in slope going up Oak Terrace from Main Street

0815. Ludlow compacting backfill over 10' section of 8" DIP.

0831: Excavation continues up Oak Terrace. More rock encountered but the bucket has been able to dig through it pretty easily.

0842: 20' section of 8" DIP connected to the 10' section of 8" DIP that was just installed.

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)900: Kurt Mintel a	nd Bob Christie from the USACE are on site. Bob will be perforr	ming oversight during the nig	ht shifts.
	ng a trench 90° off the 8 inch line on Oak Terrace to install a section of the se	tion of 6" DIP that will conne	ct to a hydrant
•	ss road and tank pad at the site of the future water tank. Ludlov complete along the access road; and about 50% complete arou	_	ion control: about
	inch pipe to connect to 8 inch DIP on Oak Terrace. This is for the 6" DIP was connected to the 8" DIP using a T-fitting and a valve.		sembly on the south
extension stem.	nstalled a valve operator extension stem to the 6" x 8" valve ass a small compactor on sand around the valve box over the valve	•	
1214: Ludlow bring center of valve box	s fill up to grade and compacts with Volvo riding compactor. Th	nere is 18' between the cente	er of hydrant and
1300: Ludlow excav Orive.	vating through asphalt and reinforced concrete on Main Street r	next to the intersection of Ma	ain and Royal Oak
owards Royal Oak	s a 10' section of 8" DIP to existing water line running down Ma Drive) about 30 feet north of station 137+00. This will be part or prrow on the south side of Royal Oak Drive.	The state of the s	-
1420: Ludlow has l coday.	packfilled over the 10' section of 8" DIP. Hot patch will be delive	ered soon and placed over ar	eas excavated
Payment Items:			
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J. Meunier

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Picture 1: T-fitting used to connect 8" and 6" DIP on Oak Terrace.

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Picture 2: Rock encountered in trench at Oak Terrace.

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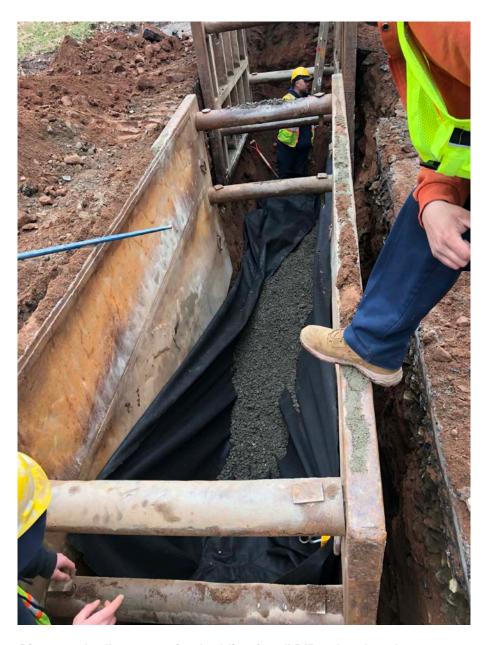
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Picture 3: Trench box being deployed at Oak Terrace.

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Picture 4: Ludlow preparing bedding for 8" DIP to be placed upon.

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Picture 5: Ludlow excavating trench for 6" DIP.

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Picture 6: View of access road to future water tank from the Talcott Ridge cul-de-sac depicting erosion control View to the southeast.

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Picture 7: Close-up of erosion control fencing seated into the ground.

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Picture 8: Access road to tank pad with erosion control in place. View to the southeast.

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Picture 9: View of tank pad area; view to the northwest.

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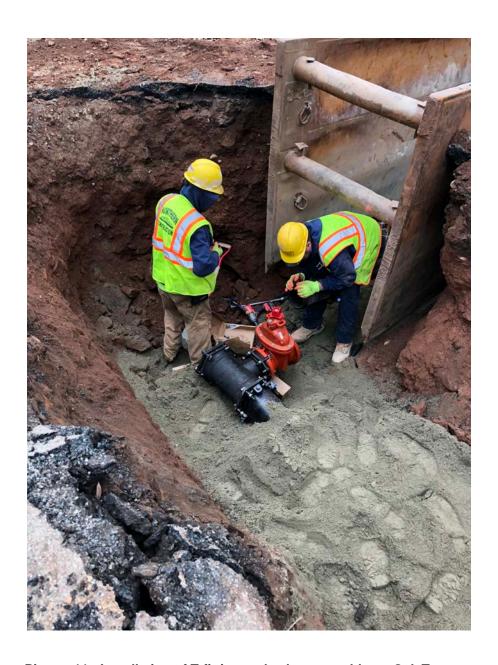
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Picture 10: View of tank pad area; view to the southeast.

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Picture 11: Installation of T-fitting and valve assembly on Oak Terrace.

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Picture 12: Installation of hydrant assembly on Oak Terrace. View to the south.

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Picture 13: Caution tape placed over 6: DIP on Oak Terrace. View to the north.

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Picture 14: Installed hydrant on Oak Terrace. View to the west.

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Picture 15: Compacting fill at Oak Terrace. View to the west.

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Picture 16: Excavating just north of Station 137+00. View to the southwest.

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Picture 17: Thickness of asphalt and concrete on Main Street just north of Station 137+00.

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