Daily Report

Project: Durham Meadows Pipeline Installation Date: May 8, 2020

Location: Day of Week: Friday

CT

Day of Week: Priday

Project #:AECOM: 6061487Report No:74Contractor:Ludlow ConstructionPage:1 of 10

Weather Conditions

Conditions: Daylight hours. Sunny. Winds variable 0-10 mph.

Temperature (°F): High 65°F Low 41°F

Contractors & Subcontractors Workforce							
Trade		# x hrs Trade		#	x	hrs	
USACE				Ludlow Construction			
Field Engineer	2	Х	8	Superintendent	0	Х	8
				Safety Officer	1	Х	8
				Foreman	2	Х	8
				Dump truck Operator	4	Х	8
				Excavator Operator	4	Х	8
				Skid Steer/Bucket Loader	1	Х	8
				Laborers	6	Х	8
				Note that some persons			
				Multiple pieces equipment.			
				Sub-contractor	1	Х	8
				Middletown Police Detail	0	Х	8
				State Police Detail	2	x	8

Equipment in Use			
Туре	#	X	hrs
Concrete/Asphalt Road Saw	1	Х	8
Dump truck	5	Х	8
Excavator – Large	3	х	8
Excavator - Mid-Size	1	Х	8
Excavator - Rubber Wheeled – Rock	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

Pipe Connections and Installations

Ludlow placed 16" DIP from Station 182+32 to Station 184+23, with a corporation stop Station 183+24.5; a 16" x 6" M.J. C.D.L.I. hydrant Tee with a 6" gate valve and valve box at 183+61.

Ludlow continued to cut, fill, grade, and compact on the shared access road, and place and grade fill along the north side of the shared access road from Stations 13+50 to ~11+70.

Saw cutting activities resumed today between Stations 518+00 and 522+00 (Pickett Lane, Durham, CT).

Pressure testing was performed today from Parsons Lane to Winsome lane. AECOM observed the pressure at 1251 hours and when the test finished at 1408 hours. The line passed the pressure test.

Compaction Testing

Compaction testing was performed today. Compaction test data can be found here:

https://www.nae.usace.army.mil/Portals/74/docs/Topics/DurhamMeadowsWaterline/CompactionTests/

Res. Representative: J. Meunier Date: 5/08/20



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Additional Data

None

Daily Activities – Pressure Testing

Pressure testing was performed today from Parsons Lane to Winsome lane.

0748: Ludlow flushing lines from Oak Terrace up to hydrant at Station 51+39 (Talcott Ridge Drive). In addition, Ludlow is pressure testing a line from Parsons Lane to Winsome Road.

0800: City of Middletown staff is present at the hydrant located at Station 51+39 (Talcott Ridge Drive). Additional City of Middletown personnel are present at the hydrant located next to the Talcott Ridge Drive cul-de-sac.

1251: Ludlow is on the hydrant located at Winsome Road, testing water line from Winsome Road to Parsons Lane. It is a two-hour test that will finish at 1408 hours.

1408: Pressure test for the line connecting Winsome Road to Parsons Lane has passed.

Daily Activities - Shared Access Road

Ludlow continued to cut, fill, grade, and compact fill on the shared access road and filled, graded, and seeded just north of the shared access road.

0828: Ludlow has a crew working on the north side of the shared access road placing and grading fill at ~Station 12+00. The area that was graded on the north side of the access road yesterday has been seeded.

1220: Ludlow is digging test pits in front of the driveway for 216 and 224 Talcott Ridge Drive to locate utilities in order to assess the possible need to change the final grade of the road, as the utilities will be fairly close to the surface given the current specifications. Ludlow has placed and compacted processed stone up to approximately Station 11+70. They are currently placing and grading fill on the right hand side of the shared access road east of Station 11+70.

Daily Activities – Pickett Lane

Pickett Lane staging areas inspected – they appear to have the same amount of equipment and materials as was present at close of field activities yesterday. Saw cutting activities resumed today.

0710: Ludlow currently saw cutting pavement on Pickett Lane, starting at ~Station 518+00.

0945: Ludlow is saw cutting pavement at approximately Station 521+00 on Pickett Lane.

1205: Ludlow has saw cut pavement to approximately Station 522+00.

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Daily Activities – Main Street, Durham

Ludlow continued placing 16" DIP today on the southbound lane of Main Street. Traffic detail was provided by CT State Police.

0725: Ludlow resuming the placement of 16" DIP where they left off yesterday on the southbound lane of Main Street at Station 182+32. Two Connecticut State police officers are providing traffic detail.

0845: Ludlow just finished hammering rock from Station 182+75 to Station 183+10.

1008: Ludlow has 16" DIP placed to ~Station 183+30. A corporation stop has been placed at Station 183+24.5.

1133: Ludlow has just installed a 16" x 6" M.J. C.D.L.I. hydrant Tee with a 6" gate valve and valve box at 183+57.5 and a 16" M.J. butterfly valve and valve box at 183+61.

1310: Ludlow finished placing pipe today. They are currently filling and compacting. JTC is collecting soil compaction data. Ludlow is cleaning the work area with the Bocce room. End of placed pipe today: Station 184+23.

1415: Ludlow is continuing to place and compact fill as they ready the trench for hot patching.

Payment Items:			

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Picture 1: Ludlow filling and grading along the north side of the shared access road. View to the east. Middletown, CT.

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Picture 2: Ludlow saw cutting pavement at Station 521. View to the northwest. Pickett Lane, Durham, CT.

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Picture 3: 16" x 6" M.J. C.D.L.I. hydrant Tee with a 6" gate valve and valve box and a 16" M.J butterfly valve and valve box being assembled to place at Stations 183+57.5 and 183+61, respectively. Main Street, Durham, CT.

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Picture 4: Ludlow digging test pits in front of the driveways for 216 and 224 Talcott Ridge Drive to locate utilities. View to the east. Middletown, CT.

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Picture 5: Ludlow working on the shared access road and the adjacent area to the north. ~Station 11+70. View to the east. Middletown, CT.

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Picture 6: Overview of progress on the shared access road. View to the west. Middletown, CT.

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Picture 7: Final pressure reading for the line running from Parsons Lane and Winsome Road (Winsome Road hydrant). Durham, CT.

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