

## Daily Report

<b>Project:</b>	Durham Meadows Pipeline Installation	<b>Date:</b>	May 7, 2020
<b>Location:</b>	Main Street, Durham and shared access road, Middletown, CT	<b>Day of Week:</b>	Thursday
<b>Project #:</b>	AECOM: 6061487	<b>Report No:</b>	73
<b>Contractor:</b>	Ludlow Construction	<b>Page:</b>	1 of 13

### Weather Conditions

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

**Temperature (°F):** High 65°F Low 41°F

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

**Visitors:** None

### Pipe Connections and Installations

Ludlow placed 16" DIP from Station 180+52.5 to Station 182+32, with corporation stops at Stations 181+58, 181+88.5, and 182+24.

In addition, Ludlow continued to cut, fill, grade, and compact on the shared access road, perform rough transitions from the shared access road to the driveways for 214, 216, and 224 Talcott Ridge Drive, saw cut the driveways for 214 and 224 Talcott Ridge Drive; and placed and graded fill along the north side of the shared access road from Stations 17+00 to 13+50.

### Compaction Testing

Compaction testing was performed today. The results of the tests were not provided to AECOM at the time this report was prepared. The compaction results for yesterday are provided below:

Compaction Data for 5-6-20		
Station	Percent Compaction	Percent Moisture Content
17+40	96.3	2.3

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Station	Percent Compaction	Percent Moisture Content	
18+79	97.4	2.2	
21+59	97.8	3.0	
177+90	96.4 99.1 96.0 97.5 98.4	7.0 6.2 3.8 2.7 2.8	
178+15	95.0 95.4 98.8 98.3 99.6	9.6 7.7 3.3 3.0 3.1	
178+40	96.9 95.3 97.2 98.2 97.9	5.9 8.0 4.0 3.8 2.0	
178+65	95.5 96.0 95.4 97.9 99.0	6.4 7.0 10.5 4.1 2.2	
178+90	97.5 96.1 95.9 98.0 96.9	6.3 10.9 4.4 2.2 1.2	
179+15	95.1 95.0 95.5 97.5 99.3	7.2 11.5 3.6 2.6 1.7	
179+40	94.9 97.6 100.1 99.3 97.5	6.8 3.7 2.6 2.0 1.6	

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Station	Percent Compaction	Percent Moisture Content
179+65	95.8	9.9
	98.1	3.3
	95.1	3.3
	96.7	1.8
	95.7	1.6
179+90	96.6	3.8
	97.3	4.0
	98.2	3.1
	98.4	2.6
	98.9	2.5
180+15	95.1	3.7
	96.0	3.8
	97.7	3.6
	97.3	2.4
	99.4	1.9

### Additional Data

None

### Daily Activities – Pressure Testing

Pressure testing was performed from Little Lane to Parsons Lane today (Sta. 141+25 to Sta. 151+51).

### Daily Activities – Shared Access Road

Ludlow continued to cut, filled, graded, and compacted on the shared access road.

0800: A second Ludlow crew is back on the shared access road resuming the cutting, filling, grading, and compaction activities at ~Station 15+50.

1125: Ludlow continues to grade on the north side of the shared access road at ~ Station 15+00. They are also grading at the driveway cuts for 214, 216, and 224 Talcott Ridge Drive. The ends of the driveways for 214 and 224 Talcott Ridge Drive have been saw cut.

1305: Ludlow has graded the north side of the shared access road from Stations 17+00 13+50. Additional grading and filling is being performed from Stations 11+50 to 10+50. Fill is being brought in to be placed and graded on the north side of the road between these stations.

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### Daily Activities – Pickett Lane

0900: 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 will not be performed on Pickett Lane today.

### 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.

0715: Arrive on site. Ludlow resuming work on Main Street where they left off yesterday at Station 180+52.5. Two state troopers are providing traffic detail. Ludlow just beginning to excavate.

0835: JTC is present to perform soil compaction testing. Ludlow has 16" DIP placed up to Station 180+95.

0840: Ludlow observed hammering rock from Stations 181+20 to 181+45.

0927: Ludlow placing unrestrained 16" DIP to approximately Station 181+15.

0947: Ludlow hammering rock at Station 181+45.

1055: Ludlow has 16" DIP placed up to ~Station 181+54.

1145: Ludlow hammering rock on Main Street between Stations 181+70 and 181+90. 16" DIP has been placed up to Station 181+70. A corporation stop was placed at ~Station 181+58. JTC has been performing soil compaction testing at the Main Street work zone and at the shared access road.

1222: 16" DIP has been installed to Station 181+95. A corporation stop was placed at Station 181+88.5.

1350: Ludlow has stopped placing 16" DIP today on Main Street. A corporation stop was placed at ~Station 182+24. Ludlow is currently backfilling and compacting fill. End of 16" DIP placed today is Station 182+32. JTC is continuing to collect soil compaction data. CTDOT was not present today.

### **Payment Items:**

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Picture 1: Ludlow excavating on the southbound lane of Main Street at Station 180+52.5. View to the south. Durham, CT.

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Picture 2: Driveway for 214 Talcott Ridge Drive after end was saw cut to make a clean transition to the shared access road. View to the northwest. Middletown, CT.

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Picture 3: Driveway for 214 Talcott Ridge Drive after end was saw cut to make a clean transition to the shared access road. View to the east. Middletown, CT.

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**Picture 4: Ludlow filling and grading along the north side of the shared access road. ~Station 15+50. View to the east. Middletown, CT.**

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**Picture 5: Driveway for 224 Talcott Ridge Drive after end was saw cut to make a clean transition to the shared access road. View to the east. Middletown, CT.**

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**Picture 6: Driveway for 216 Talcott Ridge Drive as it transitions to the shared access road. View to the east. Middletown, CT.**

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**Picture 7: Ludlow compacting fill adjacent to the driveway for 214 Talcott Ridge Drive. View to the southeast. Middletown, CT.**



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Picture 8: JTC performing compaction testing along the southbound lane of Main Street. View to the northeast. Middletown, CT.

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Picture 9: View at the end the day of filling and grading activities along the north side of the shared access road. View to the east. Middletown, CT.

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