

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 23, 2020
Location:	Main Street, Water tank access road, Durham & Middletown, CT	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	64
Contractor:	Ludlow Construction	Page:	1 of 11

Weather Conditions

Conditions: Daylight hours. Sunny - partly cloudy, winds variable 0-7 mph.
Temperature (°F): High 47°F Low 40°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	2	x	8
				State Police Detail	3	x	8

Visitors: Steve Wright, CTDOT.

Notes:

Pipe Connections and Installations: Ludlow placed restrained 16" DIP from Station 165+78 to Station 167+14.5 This includes the placement of a 16"x16"x8" M.J. C.L.D.I. Tee with two 16" butterfly valves and one 8" gate valve and a valve box.

Compaction Testing: JTC was present to perform compaction testing today. The results of yesterday's tests are provided below. AECOM has not received the compaction data for 4-21-20 or today at the time this report was written.

Compaction data for 4-22-20

Station 164+19 to 164+44

96.8 - 7.7

97.7 - 6.8

98.5 - 5.7

99.0 - 3.7

99.5 - 3.9

Station 164+44 to 164+69

98.0 - 6.6

95.6 - 6.9

Res. Representative:

J. Meunier

Date: 4/23/20

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95.9 - 6.1

98.4 - 4.0

99.2 - 3.2

Station 164+69 to 164+94

97.9 - 6.7

98.0 - 7.3

96.4 - 6.7

97.0 - 3.8

95.0 - 2.0

Station 164+94 to 165+19

96.7 - 6.3

95.7 - 6.5

97.3 - 6.0

98.8 - 4.3

95.7 - 2.6

Station 165+19 to 165+44

99.3 - 8.0

99.2 - 5.1

96.8 - 6.8

98.5 - 2.3

97.2 - 2.1

Station 165+44 to 165+69 (a portion of this area will be re-disturbed during the continuation of the run)

95.9 - 7.6

97.9 - 5.3

96.4 - 4.7

98.2 - 2.9

99.2 - 3.1

Additional data: None.

Daily Activities

DMC April 23, 2020

0705: One Ludlow crew is picking up at Station 165+70 where they stopped placing pipe after damaging the conduit of a communications cable yesterday located at Station 165+78.

0715: A second Ludlow crew at the intersection of Talcott Ridge Drive and Main Street waiting to start shim coating asphalt along South Main Street. They are also spreading loam at selected areas that have been impacted by the operation and staging of construction equipment.

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0720: No work currently being performed at Station 14+40. The shared access road and adjacent work areas were inspected for erosion issues – none were observed.

0738: Ludlow is daylighting a communication line that comes off the north side of Haddam Quarter Road, west towards The Whole Enchilada at approximately Station 166+05. A small amount of water is observed at approximately 7' below surface grade. Ludlow is not pumping water yet.

0832: Ludlow just placed a 20' section of 16" DIP, bringing placed DIP to ~Station 165+90.

0849: JTC arrives to perform soil compaction tests

0905: Ludlow placing a second piece of 16" DIP, bringing placed DIP to ~Station 166+10. The broken PVC conduit at station 165+78 has been repaired with PVC sleeves and a single PVC collar plus 3 zip ties.

0930: One of the Ludlow crews is working just north of the intersection of Talcott Drive Ridge and South Main Street, shim coating asphalt and spreading loam on the south side of the road.

0940: Ludlow placing another 20' of 16" DIP, bringing placed DIP to ~Station 166+30.

1045: Ludlow installs a 16"x16"x8" M.J. C.L.D.I. Tee with two 16" butterfly valves and one 8" gate valve and a valve box.

1127: Ludlow has placed a 20' section of 16" DIP after the butterfly valve assembly. This brings pipe up to station 166+55. A faint odor of naphthalene is observed next to the trench.

1215: The other Ludlow crew continues to shim coat the northbound side of South Main Street in front of Station 124+65. Two Middletown police are providing traffic detail.

1254: Ludlow has placed 16" DIP up to station 167+14.5

1335: Ludlow is backfilling the trench and compacting soil along Main Street in the vicinity of station 166+50.

1445: Ludlow is currently capping the backfilled trench with hot patch.

Payment Items:

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Picture 1: Overview of Station 14+40 work area after yesterday's construction activities. View to the west.

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Picture 2: Communications cable conduit repaired by Ludlow at Station 165+78.

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Picture 3: 16" DIP placed below communications cable located at ~Station 166+05. View to the south.

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Picture 4: Newly placed loam and shim coating of asphalt on South Main Street, just south of the intersection with Talcott Ridge Drive. View to the south.

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Picture 5: Damage to curbing at ~Stations 166+20 to 166+35. View to the north.

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Picture 6: 16"x16"x8" M.J. C.L.D.I. Tee with two 16" butterfly valves and one 8" gate valve and a valve box that was placed at Station 166+32 (Haddam Quarter Road intersection).

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Picture 7: Ludlow sweeping up after construction activities has finished. View to the southeast.

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Picture 8: Ludlow placing hot patch over compacted soil on Main Street. View to the southeast.

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