

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	1 of 13

Weather Conditions

Conditions: Daylight hours. Cloudy, winds variable 0-7 mph.
Temperature (°F): High 58°F Low 39°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	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	2	x	4
				Middletown Police Dept.			
				Police Officer Detail	2	x	8

Visitors: JTC (compaction testing).

Notes:

Pipe Connections: Ludlow was observed to have placed 40' of 20" DIP with a 20" x 6" T-fitting (water tank access road). 8" DIP was placed from Station 751+55 to Station 750+59; with an 8"x8"x8" M.J. C.L.D.I. fitting and an 8" gate valve assembly and an additional 10' of 8" DIP installed to the west of Station 750+59, towards the future Booster Pump Station. All 8" DIP was placed restrained.

Compaction Testing: JTC was present to perform compaction testing today. The results of two density tests were obtained from JTC; a full set of compaction results will be reported in tomorrow's Daily Report.

Other: Ludlow saw-cutting subcontractor was on site today, operating on Main Street in Durham.

Daily Activities

0715: Observe Ludlow and contractor setting up cones on the southbound lane of Main Street next to where it intersects with Route 68 in preparation for saw cutting activities.

0740: One of the Ludlow crews is daylighting the end of 20" DIP previously placed on the tank access road in order to continue placing 20" DIP. The crew is located across from the Barone's driveway (224 Talcott Ridge Drive) at approximately Station 15+15.

0810: A third Ludlow crew is working near the intersection of Talcott Ridge Drive and Main Street; on the southbound side of Main

Res. Representative: J. Meunier **Date:** 4/14/20

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	2 of 13

Street. They've daylighted an 8" 90° elbow attached to an 8" line coming west down Talcott Ridge Drive and into Main Street. This elbow appears to be located at Station 751+55. 8" DIP will be placed from Station 751+55 to Station 750+59. A small amount of water is observed at the bottom of the trench approximately 7' below surface grade. A temporary dewatering well is observed at the northern corner of the intersection of Talcott Ridge Drive and Main Street. Ludlow has a pump moving water out of this well and into an adjoining catch basin. All catch basins near the intersection have had silt socks installed in them.

0925: Ludlow currently compacting fill over a second piece of 8" DIP placed under the southbound lane of Main Street.

00915: JTC performing compaction tests today. Near Station 751+55, JTC reports a dry density of 95.9%. Compaction test taken off of compacted 3"-minus gravel.

0940: Ludlow excavating trench to place third stick of 8" DIP.

0948: Ludlow placing sand over third piece of placed 8" DIP.

0955: JTC collects second compaction test from the top of 3" minus gravel (second lift) – a result of 95.9% was reported.

1045: Ludlow excavating west from Station 750+59, towards the future Booster Pump Station.

1137: Ludlow observed performing pressure testing on South Main Street (northbound) in the vicinity of Station 124+65.

1150: Ludlow and their sub are saw cutting near the intersection of Route 68 and Main Street (southbound lane of Main Street).

1201: Ludlow has placed a ~10' section of 8" DIP coming off of the Tee/gate valve at Station 750+59, heading west towards the future Booster Pump Station. Note: the Tee (8" x 8" x 8") was stubbed off with an M.J. cap at the northern end of the T fitting.

1224: Ludlow continuing to place 20" DIP along the tank access road. Excavation depths were 14'-15' below surface grade in some places. A small amount of water was observed draining into the excavation from previously placed 20" DIP. There wasn't enough water to warrant removal with a pump. A 20" x 6" valve box was placed at Station 14+70 (the bottom of Sheet C3 shows this item was supposed to be placed at 14+69).

1305: Ludlow closing up the excavation at Station 750+59.

1325: Ludlow continuing to place 20" DIP on the tank access road. The crew on South Main St near Station 750+59 is closing off the trench with hot patch.

Payment Items:

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Res. Representative:

J. Meunier

Date: 4/14/20

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	3 of 13



Picture 1: Ludlow begins excavation activities at approximately Station 15+15. View to the northwest.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	4 of 13



Picture 2: Silt collected on the up-slope side of silt fence that runs along the tank access road. View to the south/southeast.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	5 of 13



Picture 3: Temporary dewatering well is observed at the northern corner of the intersection of Talcott Ridge Drive and Main Street.

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	6 of 13



Picture 4: Catch basin with silt sock located south of excavation activities being performed at Station 751+55.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	7 of 13



Picture 5: Compaction testing being performed at Station 751+55.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	8 of 13



Picture 6: View of pipe installation activities at Station 750+59.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	9 of 13



Picture 7: Ludlow compacting fill between Station 751+55 and Station 750+59. View to the north.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	10 of 13



Picture 8: Tee fitting stubbed off with an M.J. cap at 750+59. View to the south.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	11 of 13



Picture 9: Overview of 20" DIP installation on the tank access road. View to the south.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	12 of 13



Picture 10: Water observed at bottom of trench today during the installation of 20" DIP.

Res. Representative:	J. Meunier	Date:	4/14/20
-----------------------------	------------	--------------	---------

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	April 14, 2020
Location:	Packinghouse Hill Road, Water tank, Durham & Middletown, CT	Day of Week:	Tuesday
Project #:	AECOM: 6061487	Report No:	57
Contractor:	Ludlow Construction	Page:	13 of 13



Picture 11: Ludlow hot patch between from Station 751+55 to Station 750+59. View to the west.

Res. Representative:	J. Meunier	Date:	4/14/20
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