

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 15, 2019
Location:	South Main Street, Middletown CT	Day of Week:	Sunday
Project #:	AECOM: 60445033	Report No:	5
Contractor:	Ludlow Construction	Page:	1 of 8

Weather Conditions

Conditions: Night
Temperature (°F): High 78°F Low 70°F

Contractors & Subcontractors Workforce				Equipment in Use			
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	3	x	8
				Safety Officer	1	x	8
				Dump truck Operator	1	x	8
				Excavator Operator	1	x	8
				Skid Steer Operator	1	x	8
				Mid-size Excavator Operator	1	x	8
				Tractor-style Excavator	1	x	8
				Laborers	5	x	8
				Sub-contractor			
				Dump truck Operator	1	x	8
				Compaction Technician	1	x	8
				Middletown Police Dept.			
				Traffic officer	1	x	8
				Traffic officer	1	x	4
				Concrete sawing machine	1	x	8
				Dump truck	2	x	8
				Excavator	1	x	8
				Skid Steer Loader	1	x	8
				Plate Compactor	2	x	8
				Jumping Jack Compactor	1	x	8
				Light Tower	3	x	8
				Mid-size Excavator	1	x	8
				Tractor-style Excavator	1	x	8
				Street Sweeper (Broce Broom)	1	x	8
				Rolling Compactor	1	x	8

Summary of Work

Visitors:

Notes:

1855 – on site
 1915 – 2 officers on site, traffic block in place
 1925 – broke ground, working on trenching
 1950 – laying geotextile and crushed stone located under 1st pipe of the night
 2010 – first pipe section going in and being connected
 2015 – compacting fine fill above 1st pipe section, preparing to place warning tape
 2020 – compacting backfill above warning tape, reusing material excavated from trench in preparation for next pipe section
 2025 – placing crushed stone and geotextile, grading for 2nd pipe section
 - Preparing to lower 2nd pipe section into trench
 - Compaction test lab on site
 - Preparing to compact fill over 1st pipe section with plate compactor
 2030 – placing fine fill layer above 2nd pipe section, then compacting with jumping jack compactor
 2050 – police officers called out 2nd half of work night, no flaggers scheduled for 11-5
 - Current plan is to stop at 11, use laborers for up to an hour after officers leave if needed during cleanup. Continue looking for other options
 - compacting, then laying tape over 3rd pipe section of night
 2145 – laying warning tape over 5th section of night. As of right now will be last pipe section of the night
 - compacting backfill above 3rd pipe section
 2155 – compaction testing 2nd backfill layer above 2nd pipe length – passed
 2205 – compaction testing 2nd backfill layer above 3rd pipe length – passed
 2210 – compacting over 4th pipe section of the night, 2nd layer

Res. Representative:

F. Grimberg

Date: 9/15/19

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- compacting over 5th length of pipe, 1st layer
2215 – adding 2nd backfill layer over 5th section
2220 – compaction testing above 4th section of pipe, 2nd lift – passed
2230 – placing gravel above backfill layers, grading with road surface
2255 – compaction testing top backfill layer, continuing to backfill trench with gravel over sections where compaction testing already completed
2305 – plan change: one officer staying 8 hours, one laborer from Ludlow starting to flag traffic. Continuing work until 5 am.
- Continuing to compact top gravel layer with rolling compactor
2310 – leaving site

Notes:

- Laid pipe starting at Station 105+68

Payment Items:

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Figure 1 – Compacting 2nd fill layer above 2nd, 3rd pipes and compacting 1st fill layer above 4th pipe

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Figure 2 – Compacted fill above 1st-4th sections, ready for processed stone layer

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Figure 3 – Processed stone being dumped, preparing to be graded with road in the trench

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Figure 4 – Graded processed stone

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Figure 5 – Compacting processed stone

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Figure 6 – Compaction testing processed stone layer