

AECOM

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	December 16, 2021
Location:	Shared Access Driveway and Talcott Ridge Drive, Middletown	Day of Week:	Thursday
Project #:	AECOM: 6061487	Report No:	384
Contractor:	Ludlow Construction	Page:	1 of 17

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-8 mph.
 Temperature (°F): High 61°F Low 48°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	0	X	8
				Foreman	1	X	8
				Dump truck Operator	1	X	8
				Excavator Operator	1	X	8
Eagle Fence	2	X	8	Skid Steer/ Bucket Loader	1	X	8
Fazzino Plumbing	0	X	8	Laborers	1	X	8
United Concrete	0	X	8	Note that some persons operate			
Frontier	0	x	8	Multiple pieces equipment.			
Apuzzo Electric	0	x	8				
CT Traffic Control	0	x	8	Sub-contractor	0	X	8
A&R Electrical	0	x	8	Municipal Police Detail	0	X	8
				State Police Detail	0	X	8

Visitors: None.

Pipe Connections, Installations, and Other Work

Ludlow migrated water services at Stations 753+68 and 754+13 on the westbound lane of Talcott Ridge Drive from the City of Middletown waterline to the newer 8" DIP line that Ludlow installed. Eagle Fence and Guardrail continued installing a permanent fence around the water tank work zone located east of the Shared Access Driveway in Middletown.

Daily Activities – Fence installation, Shared Access Driveway, Middletown

Eagle Fence and Guardrail continued installing a permanent fence around the water tank work zone located east of the Shared Access Driveway in Middletown.

0704: Eagle Fence and Guardrail has begun to mobilize to the water tank work zone to resume the installation of a permanent fence around the tank and the altitude valve vault. Eagle has three laborers working on fence installation today.

1026: Tilcon arrives at the water tank work zone with a load of concrete that will be used to secure fence posts.

1034: Tilcon begins to place concrete in the holes that Eagle Fence and Guardrail excavated on the north side of the Shared Access Driveway for the installation of fence posts.

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1137: Eagle Fence and Guardrail continues to direct the Tilcon concrete truck to place concrete in the holes that were excavated for the installation of fence posts

1259: Eagle Fence and Guardrail has cemented all fence posts in place and is beginning to backfill over the cement with soil.

1450: Eagle Fence and Guardrail continues to backfill soil over the concrete that was placed in the holes made for the installation of fence posts today at the water tank work zone.

Daily Activities – Migration of a water services, Talcott Ridge Drive, Middletown

Ludlow migrated water services at Stations 753+68 and 754+13 on the west lane of Talcott Ridge Drive from the City of Middletown waterline to the newer 8" DIP line that Ludlow installed.

0706: Ludlow has begun to mobilize to the west lane of Talcott Ridge Drive to migrate water service for the 9 Talcott Ridge Drive residence from the old City waterline to the new 8" DIP line that Ludlow installed.

0732: Ludlow begins to saw-cut the footprint of a trench at Station 753+68 on the westbound lane of Talcott Ridge Drive as they start to migrate water service for the 9 Talcott Ridge Drive residence from the old City waterline to the new 8" DIP line that Ludlow installed.

0748: Ludlow begins to break pavement at Station 753+68 on the westbound lane of Talcott Ridge Drive. John Ewanowski from the City of Middletown has arrived at the work zone to observe.

0812: Two additional representatives from the City in Middletown arrive at Station 753+68 to open gate valves and flush the line once the service for 9 Talcott Ridge Drive has been migrated from the old Middletown water line to the new 8" DIP water line that Ludlow installed.

0826: Ludlow continues to excavate a trench what are the westbound lane of Talcott Ridge Drive across from 9 Talcott Ridge Dr.

0853: Ludlow encounters a small amount of water in the bottom of the trench they excavated on the westbound lane of Talcott Ridge Drive. Ludlow is setting up a pump and will discharge the water into the vacant field located north of where they are excavating.

0907: Ludlow is setting up to tap the 8" DIP waterline at Station 753+68 on the westbound lane of Talcott Ridge Drive to install a corporation stop.

0927: Ludlow has begun to tap the 8" DIP water line they daylighted at Station 753+68 on the westbound lane of Talcott Ridge Drive.

0946: Ludlow just finished tapping the 8" DIP water line on the westbound lane of Talcott Ridge Drive.

0952: Ludlow begins the installation of a 1" corp stop on the 8" DIP water line at Station 753+68.

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1053: Ludlow is backfilling over the section of 1" copper pipe they used to migrate the water service for the 9 Talcott Ridge Drive residence to the new 8" DIP waterline on Talcott Ridge Drive. Ludlow has placed 6" of sand beneath the copper pipe and 12" of sand above it, followed by the placement of caution tape.

1109: Ludlow continues backfilling the trench at Station 753+68 with 1.25"-minus gravel placed in 1' lifts. Ludlow is compacting the fill with a jumping jack. Ludlow has begun to saw-cut the footprint of a trench at Station 754+13 in order to migrate water service from the older City water line to the 8" DIP water line that Ludlow previously installed.

1127: Ludlow begins excavating a second trench at Station 754+13 on the westbound lane of Talcott Ridge Drive. Ludlow will be migrate water service for the curb stop located at Station 754+13 from the older City water line to the newer 8" DIP water line that Ludlow previously installed.

1201: Ludlow has daylighted the existing 1" line that runs from the City water line to the curb stop at Station 754+13.

1211: Ludlow has disconnected the 1" copper water service line located at Station 754+13 from the City water line.

1235: Ludlow setting up to tap the 8" DIP waterline that Ludlow previously installed on the westbound lane of Talcott Ridge Drive at Station 754+13.

1326: Ludlow has finished connecting the curb stop located at Station 754+13 to the 8" DIP water line that they previously installed.

1333: Ludlow begins to place sand over the corporation stop and the new section of 1" copper pipe they just installed at Station 754+13 between the curb stop and the newer 8" DIP water line that Ludlow previously installed on the westbound lane of Talcott Ridge Drive.

1337: Ludlow is using a jumping jack to compact the sand that they just placed over the corporation stop and the new section of 1" copper pipe they just installed at Station 754+13.

1401: Ludlow is backfilling the trench at Station 754+13 with fill they excavated from the excavation and 1.25"-minus gravel.

1426: Ludlow has both excavations on the westbound lane of Talcott Ridge Drive backfilled and compacted. Ludlow is waiting for the delivery of asphalt to complete the repair of the two backfilled excavations. Ludlow is placing tack coat on the cut edges of the cut pavement on both excavations.

1430: Ludlow is placing asphalt over the backfilled trenches at Stations 753+68 and 754+13 on the westbound lane of Talcott Ridge Drive.

1454: Ludlow has finished placing asphalt over both backfilled excavation at Stations 753+68 and 754+13 on the westbound lane of Talcott Ridge Drive. The asphalt patches were compacted using a rolling compactor.

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Picture 1: Ludlow saw-cutting pavement at Station 753+68 as they prepare to migrate water service for the 9 Talcott Ridge Drive residence from the old City waterline to the new 8" DIP line that Ludlow installed. View to the southwest.

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Picture 2: Ludlow excavating at Station 753+68 as they prepare to migrate water service for the 9 Talcott Ridge Drive residence from the old City waterline to the new 8" DIP line that Ludlow installed. View to the southwest.

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Picture 3: Ludlow placing a trench box in the excavation they made at Station 753+68 as they prepare to migrate water service for the 9 Talcott Ridge Drive residence from the old City waterline to the new 8" DIP line that Ludlow installed. View to the southwest.

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Picture 4: Ludlow tapping the new 8" DIP line that Ludlow previously installed on the westbound lane of Talcott Ridge Drive for the installation of a corporation stop.

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Picture 5: Ludlow connecting a 1" copper water service line they just attached to the 8" DIP line that Ludlow previously installed on the westbound lane of Talcott Ridge Drive to the 9 Talcott Ridge Drive residence service line.

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Picture 6: Eagle Fence and Guardrail installing a fence post at Station 10+50 on the north side of the Shared Access Driveway in Middletown.

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Picture 7: Eagle Fence and Guardrail guiding a Tilcon concrete truck as it places concrete into the holes that Eagle made for the installation of fence posts around the water tank and altitude valve vault located east of the Shared Access Driveway in Middletown.

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Picture 8: Ludlow compacting backfill they placed in 1' lifts at Station 753+68 on the westbound lane of Talcott Ridge Drive in Middletown. View to the south.

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Picture 9: Eagle Fence and Guardrail placing concrete into the holes they made for the installation of fence posts at the water tank work zone. View to the southeast.

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Picture 10: View of the fence posts that Eagle Fence and Guardrail have set into place on the east and north side of the water tank located east of the Shared Access Road in Middletown. View to the west.

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Picture 11: Connection that Ludlow made between the curb stop at Station 754+13 and the 8" DIP water line that Ludlow previously installed on Talcott Ridge Drive.

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Picture 12: Ludlow placing sand over the 1" copper line they used to connect the curb stop at Station 754+13 to the 8" DIP water line that Ludlow previously installed on Talcott Ridge Drive.

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Picture 13: Ludlow placing tack coat on the cut edges of pavement where they excavated at Station 754+13 on the westbound lane of Talcott Ridge Drive. View to the northwest.

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Picture 14: Ludlow placing asphalt over the backfilled trench they excavated at Station 754+13 on the westbound lane of Talcott Ridge Drive. View to the northwest.

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