

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 1 of 11 |

Weather Conditions

Conditions: Daylight hours. Sunny, winds variable 5-10 mph.
Temperature (°F): High 48°F Low 31°F

| Contractors & Subcontractors Workforce | | | | | Equipment in Use | | | | | | | |
|--|---|---|-----|--|---------------------------------------|---|---|-----|--|---|---|-----|
| Trade | # | x | hrs | | Trade | # | x | hrs | Type | # | x | hrs |
| USACE | | | | | Ludlow Construction | | | | Concrete/Asphalt Road Saw | 0 | x | 8 |
| Field Engineer | 2 | x | 8 | | Superintendent | 0 | x | 8 | Dump truck | 3 | x | 8 |
| | | | | | Safety Officer | 1 | x | 8 | Excavator – Large | 1 | x | 8 |
| | | | | | Foreman | 1 | x | 8 | Excavator - Mid-Size | 1 | x | 8 |
| | | | | | Dump truck Operator | 3 | x | 8 | Excavator - Rubber Wheeled – Rock Hammer | 0 | x | 8 |
| | | | | | Excavator Operator | 2 | x | 8 | Skid Steer / Bucket Loader | 1 | x | 8 |
| | | | | | Skid Steer/Bucket Loader Op. | 1 | x | 8 | Rolling Compactor | 1 | x | 8 |
| | | | | | Laborers | 4 | x | 8 | Plate Compactor | 1 | x | 8 |
| | | | | | <i>Note that some persons operate</i> | | | | Jumping Jack Compactor | 1 | x | 8 |
| | | | | | <i>Multiple pieces equipment.</i> | | | | Street Sweeper (Broce Broom) | 1 | x | 8 |
| | | | | | | | | | Material Hopper | 0 | x | 8 |
| | | | | | Sub-contractor | 1 | x | 4 | Pipe saw | 1 | x | 8 |
| | | | | | Dump truck Operator | 1 | x | 8 | Light Tower | 0 | x | 8 |
| | | | | | Middletown Police Dept. | | | | | | | |
| | | | | | Police Officer Detail | 0 | x | 8 | | | | |

Visitors: NONE

Notes:

Corrections/Additions from yesterday's quantities: Ludlow is claiming 36.5' of 8" DIP; not the 40 feet of 8" DIP reported in yesterday's daily summary. In addition, Ludlow is claiming 2.5' of saw cutting on a state road and 34.5' of saw cutting on a town road.

Pipe Connections: Ludlow placed 69' of 8" DIP and one fire hydrant assembly at the Royal Oak Drive branch install today. ALL pipe installed today was restrained.

Compaction Testing: JTC performed compaction testing today at the Royal Oak Drive hydrant installation.

Other: Ludlow severed two Comcast lines during excavation for the installation of a fire hydrant assembly and narrowly missed two adjoining power lines. No Call Before You Dig markings were observed by Ludlow or Comcast personnel in the vicinity of the severed lines. Comcast was at the scene and repaired the lines.

Daily Activities

0745: Ludlow begins to mobilize to the intersection of Royal Oak Terrace and Main Street. A second Ludlow crew is working at the water tank access road (which starts at the Talcott Ridge cul-de-sac), widening the access road, performing additional grubbing, and silt fence installation. The northbound lane of Route 17 is closed while Ludlow works at Royal Oak Drive intersection. Front-end loader (CAT950M) bringing sand and gravel to trench. E20 Volvo excavator being used to excavate trench.

0810: At Talcott Ridge. Ludlow using a TE-15 Volvo excavator with a back blade, a Volvo rolling compactor, a Komatsu WA380 front and loader, a CAT 336E excavator and a smaller CAT excavator. They are continuing to grub at the tank pad, place additional erosion control fencing, and widening the access road to the tank pad. Ludlow manpower is currently two laborers and two equipment operators.

Res. Representative: J. Meunier **Date:** 4/1/20

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 2 of 11 |

0837: Ludlow daylights ~ 16" diameter natural gas transmission main running down the northbound side of Route 17: 8" DIP will be placed beneath it.

0845: A 20' section of 8" DIP is connected to the section of 8" DIP that was placed yesterday at the intersection of Main Street and Royal Oak Drive.

0905: Ludlow daylights a galvanized corrugated storm drain pipe that lies across (perpendicular to) Royal Oak Drive. This pipe was observed to daylight into catch basins on either side of Royal Oak Drive.

0929: A second 20' section of 8" DIP is placed in the trench. Ludlow H&S representative arrives on site.

0939: A representative from John Turner Company (JTC) has arrived to perform compaction testing.

0958: JTC performing compaction testing.

1104: A third 20' section of 8" DIP has been placed in the trench.

1202: There are currently two excavator operators and four laborers working at Royal Oak Drive.

1210: A 9' section of 8" DIP was installed in the trench, and a T-fitting and valve assembly was attached to the end of this 9' section. A Comcast representative arrives to inspect two Comcast lines that Ludlow severed while excavating area where the fire hydrant assembly was going to be placed. Two additional lines (power lines) were narrowly missed during this incident.

1305: Comcast working on repairing severed cables. Ludlow backfilling trench and compacting fill with Volvo rolling compactor. Also using street sweeper to clean area up.

1355: Ludlow finishing up cleanup and soil compaction at Royal Oak Drive. Check pavement repair at Oak Terrace from yesterday and depart site.

Payment Items:

Res. Representative:

J. Meunier

Date: 4/1/20

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 3 of 11 |



Picture 1: Natural gas transmission main located on the north-bound side of Main Street. View to the northeast.

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 4 of 11 |



Picture 2: Soil compaction testing being performed by JTC personnel.

| | | | |
|-----------------------------|------------|--------------|--------|
| Res. Representative: | J. Meunier | Date: | 4/1/20 |
|-----------------------------|------------|--------------|--------|

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 5 of 11 |



Picture 3: Corrugated storm drain pipe running down (parallel to Royal Oak Drive). View to the north.

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 6 of 11 |



Picture 4: T-fitting and valve assembly placed at the end of 8" DIP to transition to 6" DIP.

| | | | |
|-----------------------------|------------|--------------|--------|
| Res. Representative: | J. Meunier | Date: | 4/1/20 |
|-----------------------------|------------|--------------|--------|

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 7 of 11 |



Picture 5: Comcast lines severed by Ludlow. Undamaged powerlines also visible.

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 8 of 11 |



Picture 6: Another view of severed Comcast lines; installed fire hydrant assembly visible on the right-hand side of the photograph. View to the west.

| | | | |
|-----------------------------|------------|--------------|--------|
| Res. Representative: | J. Meunier | Date: | 4/1/20 |
|-----------------------------|------------|--------------|--------|

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 9 of 11 |



Picture 7: Damaged Comcast lines in the process of repair.

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 10 of 11 |



Picture 8: Overview of Royal Oak Drive work area once pipe and hydrant assembly installed; view to the west.

Daily Report

| | | | |
|--------------------|--|---------------------|---------------|
| Project: | Durham Meadows Pipeline Installation | Date: | April 1, 2020 |
| Location: | Royal Oak Drive, Water tank, Durham & Middletown, CT | Day of Week: | Wednesday |
| Project #: | AECOM: 6061487 | Report No: | 52 |
| Contractor: | Ludlow Construction | Page: | 11 of 11 |



Picture 9: Overview of Oak Terrace work area once paving on was performed on 3-31-20.