

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 1 of 11 |

Weather Conditions

Conditions: Daylight hours: Sunny. Winds variable 0-4 mph.
 Temperature (°F): High 77°F Low 52F

| Contractors & Subcontractors Workforce | | | | Equipment in Use | | | |
|--|---|---|-----|----------------------------|---|---|-----|
| Trade | # | x | hrs | Trade | # | x | hrs |
| USACE | | | | Ludlow Construction | | | |
| Field Engineer | 1 | x | 8 | Superintendent | 1 | x | 8 |
| | | | | Safety Officer | 1 | x | 8 |
| | | | | Foreman | 2 | x | 8 |
| | | | | Dump truck Operator | 4 | x | 8 |
| | | | | Excavator Operator | 1 | x | 8 |
| | | | | Skid Steer/ Bucket Loader | 1 | x | 8 |
| | | | | Laborers | 6 | X | 8 |
| | | | | Note that some persons | | | |
| DN Tanks | | | | Multiple pieces equipment. | | | |
| Superintendent | 1 | x | 8 | | | | |
| Laborers | 5 | x | 8 | Sub-contractor | 4 | X | 8 |
| | | | | Municipal Police Detail | 0 | X | 8 |
| | | | | State Police Detail | 0 | X | 8 |

| Type | # | x | hrs |
|-----------------------------------|---|---|-----|
| Concrete/Asphalt Road Saw | 1 | x | 8 |
| Dump truck | 5 | x | 8 |
| Excavator – Large | 3 | x | 8 |
| Excavator - Mid-Size | 1 | x | 8 |
| Excavator - Rubber Wheeled – Rock | 0 | x | 8 |
| Skid Steer / Bucket Loader | 1 | x | 8 |
| Rolling Compactor | 0 | x | 8 |
| Plate Compactor | 2 | x | 8 |
| Jumping Jack Compactor | 2 | x | 8 |
| Street Sweeper (Broce Broom) | 1 | x | 8 |
| Material Hopper | 0 | x | 8 |
| Pipe saw | 1 | x | 8 |
| Light Tower | 0 | x | 8 |

Visitors: None.

Pipe Connections, Installations, and Other Work

DN Tanks worked on the two manway hatches located on the east and west sides of the water tank located to the east of the Shared Access Road, Middletown.

Ludlow excavated and paved trench overcuts on Main Street, Durham at Stations 209+55, 206+70, 204+45, 205+75, 200+00, 200+20, and a small area of pavement (approximately 2' x 7') at the intersection of Mill Pond Lane and Main Street, Durham

Ludlow performed permanent paving on the westbound lane of Route 68, Durham from Stations 600+50 to 604+75.

Compaction Testing

Soil compaction testing was performed today. Compaction test data for soil, concrete, and asphalt can be found under the "Related Links" column on the righthand side of the page of the following link:

<https://www.nae.usace.army.mil/Missions/Projects-Topics/Durham-Meadows-Water-Lines-Project/>

Res. Representative:

J. Meunier

Date: 11/09/20

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 2 of 11 |

Daily Activities – Construction of water tank, Shared Access Driveway, Middletown

DN Tanks worked on the two manway hatches located on the east and west sides of the water tank located to the east of the Shared Access Driveway, Middletown

0715: DN Tanks has installed hinges on both manways into the water tank located east of the Shared Access Driveway in Middletown.

1122: DN Tanks has manhole hatch installed on the west side of the water tank located to the east of the Shared Access Driveway, Middletown.

1334: DN Tanks continues to demobilize equipment and materials from the water tank work zone located to the east of the Shared Access Driveway, Middletown.

Daily Activities – Permanent paving of curb stop overcuts, Main Street, Durham

Ludlow excavated and paved trench overcuts on Main Street, Durham at Stations 209+55, 206+70, 204+45, 205+75, 200+00, 200+20, and a small area of pavement (approximately 2' x 7') at the intersection of Mill Pond Lane and Main Street, Durham

0721: Ludlow working on the placement of permanent paving at Station 207+90, working south on the 0721: Ludlow is excavating the second part of a curb stop overcut at Station 209+55 on the northbound lane of Main Street, Durham as part of permanent paving activities. Traffic management provided by one Ludlow labor and one private flagger.

0817: Ludlow has a curb stop overcut excavated on northbound lane of Main Street at Station 209+55 as part of permanent paving activities. The have also excavated a small area of pavement (approximately 2' x 7') at the intersection of Mill Pond Lane and Main Street, Durham.

0827: Ludlow is preparing to excavate a curb stop overcut on the northbound lane of Main Street, Durham at Station 206+70.

0901: Ludlow is stripping pavement from a curb stop overcut at Station 204+45 on Main Street, Durham as part of permanent parent activities. Ludlow also has a curb stop overcut excavated and tack coated at Station 205+75.

1016: Ludlow is placing the first of three 3" lifts of asphalt at the curb stop overcut located at Station 209+55 on the northbound lane of Main Street, Durham.

1033: Ludlow is placing the first of three 3" lifts of asphalt at the curb stop overcut located at Station 206+70 on the northbound lane of Main Street.

1041: JTC arrives to start collecting compaction data from the asphalt placed on the curb stop overcuts thar Ludlow has worked on today on the northbound lane of Main Street, Durham.

1143: Ludlow is placing the third of three 3" lifts of asphalt on the curb stop overcut located at Station 206+70 on the northbound lane of Main Street, Durham.

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 3 of 11 |

1209: Ludlow is placing the third of three 3" lifts of asphalt on the curb stop overcut located at Station 205+75 on the northbound lane of Main Street, Durham.

1224: Ludlow begins to excavate a curb stop overcut on northbound lane of Main Street at Station 200+00.

1240: Ludlow is compacting asphalt on a short section of trench overcut for permanent paving at the intersection of Picket Lane and the northbound lane of Main Street, Durham (Station 204+45).

1301: Ludlow is excavating a curb stop at Station 200+20 on the northbound lane of Main Street, Durham as part of permanent paving activities.

1326: Ludlow has stripped pavement and tack coated cut edges of pavement from a curb stop overcut located at Station 200+20 on the northbound lane of Main Street, Durham.

1341: Ludlow is placing the first of three 3" lifts of asphalt at the curb stop overcut located at Station 200+00 on the northbound lane of Main Street, Durham.

Daily Activities – Permanent paving, Route 68, Durham

Ludlow performed permanent paving on the westbound lane of Route 68, Durham from Stations 600+50 to 604+75.

0746: Ludlow is stripping pavement between Stations 600+50 and 604+75 on the westbound lane of Route 68, Durham as part of permanent paving activities. Traffic management is being provided by two private flaggers.

0841: Ludlow continues to excavate pavement from trench overcuts on the westbound lane of Route 68 as part of permanent paving activities.

0944: Ludlow has stripped pavement from Stations 600+50 to 604+50 on the westbound lane of Route 68, Durham as part of permanent paving activities.

1057: Ludlow has stripped pavement from Stations 600+50 to 604+50 on the westbound lane of Route 68, Durham and has begun to apply tack coat to the edges of cut pavement.

1219: Ludlow has placed the first of three 3" lifts of asphalt between Stations 600+50 and 604+75.

1235: Ludlow is placing the second of three 3" lifts of asphalt between Stations 600+50 and 604+75 on the westbound lane of Route 68, Durham.

1322: Ludlow is placing the third of three 3" lifts of asphalt between Stations 600+50 and 604+75.

| | | | |
|-----------------------------|------------|--------------|----------|
| Res. Representative: | J. Meunier | Date: | 11/09/20 |
|-----------------------------|------------|--------------|----------|

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 4 of 11 |



Picture 1: Ludlow compacting 1.5" gravel at Station 601+00 on the westbound lane of Route 68, Durham as part of permanent paving activities. View to the south.

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 5 of 11 |



Picture 2: Ludlow stripping pavement from trench overcuts on the westbound lane of Route 68, Durham as part of permanent paving activities. View to the southwest.

Res. Representative:

J. Meunier

Date: 11/09/20

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 6 of 11 |



Picture 3: Pavement Ludlow excavated at the intersection of Mill Pond Lane and Main Street, Durham Station 209+51 as part of permanent paving activities on the northbound lane of Main Street, Durham. View to the northeast.

Res. Representative:

J. Meunier

Date: 11/09/20

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 7 of 11 |



Picture 4: Ludlow saw cutting pavement at the intersection of Pickett Lane and the northbound lane of Main Street, Durham as part of permanent paving activities. View to the west.

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 8 of 11 |



Picture 5: Ludlow placing the first of three 3” lifts of asphalt at the curb stop overcut located at Station 209+55 on the northbound lane of Main Street, Durham. View to the northwest.

Res. Representative:

J. Meunier

Date: 11/09/20

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 9 of 11 |



Picture 6: Tank hatch installed on the west side of the water tank that is located to the east of the Shared Access Driveway, Middletown. View to the east.

| | | | |
|-----------------------------|-------------------|--------------|-----------------|
| Res. Representative: | <u>J. Meunier</u> | Date: | <u>11/09/20</u> |
|-----------------------------|-------------------|--------------|-----------------|

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 10 of 11 |



Picture 7: Ludlow placing the second of three 3" lifts of asphalt as part of permanent paving activities on the westbound lane of Route 68, Durham as part of permanent paving activities. View to the southeast.

Daily Report

| | | | |
|--------------------|--|---------------------|-------------------|
| Project: | Durham Meadows Pipeline Installation | Date: | November 10, 2020 |
| Location: | Main Street and Route 68, Durham; Shared Access Driveway, Middletown | Day of Week: | Tuesday |
| Project #: | AECOM: 6061487 | Report No: | 198 |
| Contractor: | Ludlow Construction | Page: | 11 of 11 |



Picture 8: Ludlow compacting the second of three 3” lifts of asphalt as part of permanent paving activities on the westbound lane of Route 68, Durham as part of permanent paving activities. View to the southwest.

Res. Representative:

J. Meunier

Date: 11/09/20