

AECOM

Daily Report

Page: 1 of 12

Weather Conditions

Temperature (°F): High 74°F Low 58°F

Contractors & Subcontractors Workforce							
Trade	#	x	hrs	Trade	#	x	hrs
USACE				Ludlow Construction			
Field Engineer	1	x	8	Superintendent	4	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
				Middletown Police Dept.			
				Traffic officer	2	x	8

Equipment in Use			
Type	#	x	hrs
Concrete sawing machine	1	x	8
Dump truck	2	x	8
Excavator	1	x	8
Skid Steer Loader	1	x	8
Plate Compactor	1	x	8
Jumping Jack Compactor	1	x	8
Light Tower	2	x	8
Mid-size Excavator	1	x	8
Tractor-style Excavator	1	x	8
Pipe sawing machine	3	x	8

Summary of Work

Visitors:	Middletown Water Dept.	Left at 2055
1900	Representative	

Notes:

- Did not continue after 11 yesterday due to one police officer leaving, could not replace with flagger from Ludlow team

1915 – traffic system set up

1950 – Tee section is assembled above ground (without connections yet)

2015 – placing trench support, pipe cleared with exca

2045 – continuing to uncover

2055 – Spoke to Joe (USACE) about station numbers. Things are mix

numbers recorded. All three parties will touch base, USACE representation will determine accurate numbers by next day (9/17)
2100 – making second cut on water main pipe

2120 – measured uncut pipe sections with Joe: 20' 6.5", 20' when

2145 – crushed stone bedding being placed and wrapped in geotextile beneath where tee will be placed

2210 – resituating tee section

2235 – assembling tee section with attachments above ground, continuing to clear in preparation for placement

Date: 9/15/19

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 16, 2019
Location:	South Main Street, Middletown CT	Day of Week:	Monday
Project #:	AECOM: 60445033	Report No:	6
Contractor:	Ludlow Construction	Page:	2 of 12

2240 – lowering tee with attachments in to trench, preparing for placement
2250 – placing 45-degree vertical bend dropping into the 45-degree bend which is already attached to tee section
2300 – cutting pipe to connect 45-degree vertical bend to the 45-degree vertical bend on the tee
2305 – cut pipe is attached to the 45-degree vertical bend
2315 – cut pipe with the 45-degree vertical bend is attached to the 45-degree vertical bend on tee section, in trench
- Measuring gap to connect to existing water main, preparing to cut pipe section
2320 – leaving site now

Payment Items:

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 3 of 12

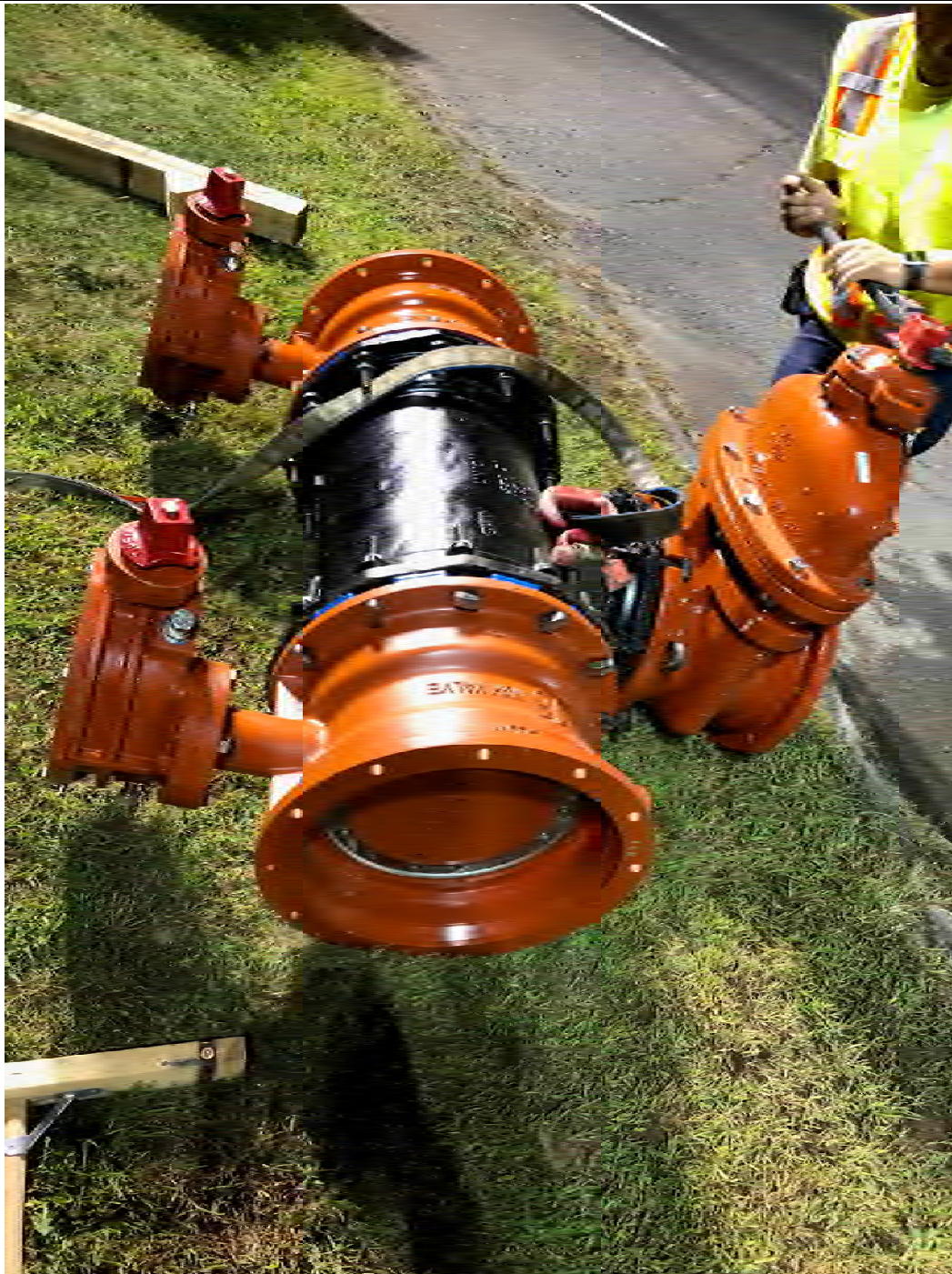


Figure 1 – Pre-assembled Tee and Valve section, above ground

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 4 of 12



Figure 2 – Making first cut into existing water main

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 5 of 12



Figure 3 – Hole in existing storm drain pipe

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 6 of 12



Figure 4 – Making second cut into existing water main

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 7 of 12

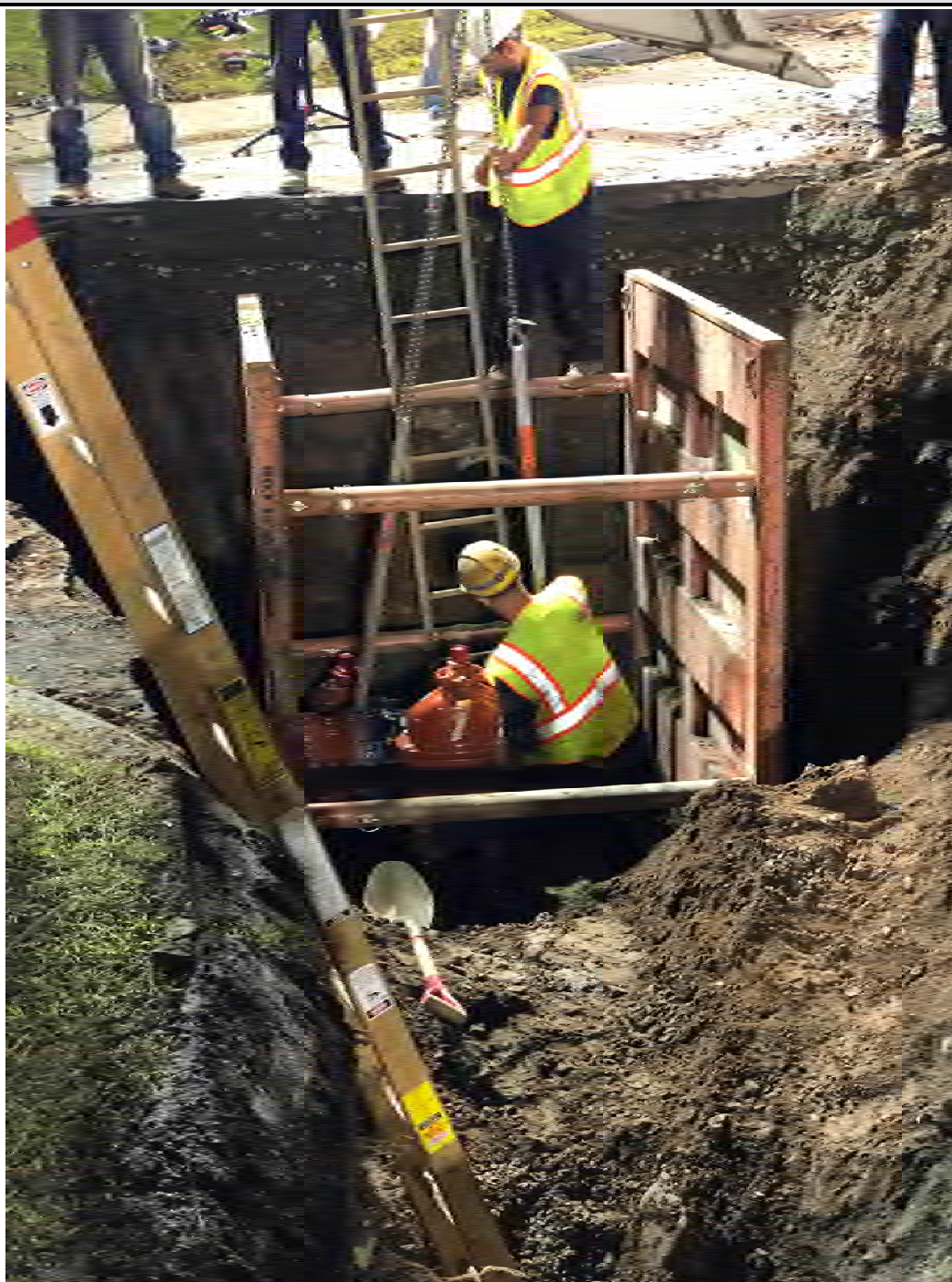


Figure 5 – Placing Tee section to visualize connections

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 16, 2019
Location:	South Main Street, Middletown CT	Day of Week:	Monday
Project #:	AECOM: 60445033	Report No:	6
Contractor:	Ludlow Construction	Page:	8 of 12

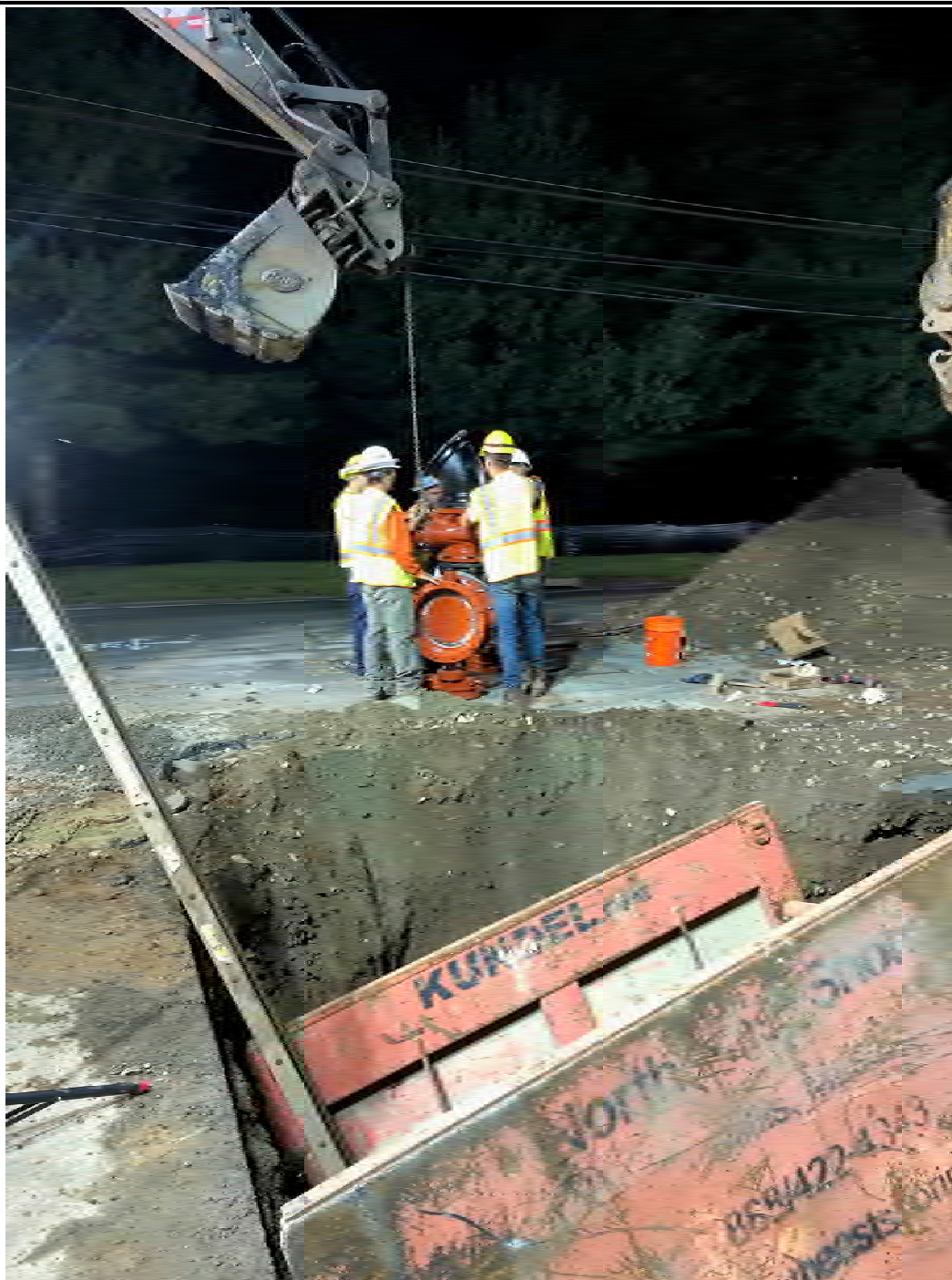


Figure 6 – Attaching lower 45-degree vertical bend onto the Tee section

Daily Report

Project:	Durham Meadows Pipeline Installation	Date:	September 16, 2019
Location:	South Main Street, Middletown CT	Day of Week:	Monday
Project #:	AECOM: 60445033	Report No:	6
Contractor:	Ludlow Construction	Page:	9 of 12



Figure 7 – Assembling connections for the 45-degree vertical bend section

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 10 of 12



Figure 8 – Tee and valve section in place in trench

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 11 of 12



Figure 9 – Attaching connector piece with 45-degree vertical bend to the Tee section

Daily Report

Project: Durham Meadows Pipeline Installation
Location: South Main Street, Middletown CT
Project #: AECOM: 60445033
Contractor: Ludlow Construction

Date: September 16, 2019
Day of Week: Monday
Report No: 6
Page: 12 of 12



Figure 10 – Measuring length of pipe needed to connect upper 45-degree vertical bend to the existing water main