


# Construction in Photos

March 1 - 31, 2017

Water Resource Recovery Department  
Village of Ashville  
Ashville's Water Resource Recovery Facility  
Part B

Presentation Available on Line at:  
[www.ashvilleohio.gov](http://www.ashvilleohio.gov)



# Ashville's WRRF Project

## Construction Aerial Photo



For up-to-date information go to [www.ashvilleohio.gov](http://www.ashvilleohio.gov). Call 741-823-4347 for more information.

**Effluent Line**  
Time-line below:

- January 2-13 mobilization & materials
- January 16 or 18 construction begins at Scioto & Rich Street (MH# 8)
- January 29 Rich Street & Rodger Alley (MH# 9)
- January 23 or 26 Lexington Avenue & May Street (east south of Mile 22 at Mile 20)
- February 14 Rodger Alley & Madison Avenue (MH# 10)
- February 22 Rodger Alley & Griggs Street (MH# 11)
- March 3 Rodger Alley & West Station Street (Mile 22)

**Force Mains**  
Time-line below:

- February 21 Rich Street & Scioto Street
- March 1 Rich Street & Lexington Avenue
- March 12 Lexington Avenue & Madison Avenue
- March 14 Lexington Avenue & Griggs Street
- March 21 Lexington Avenue & West Station Street

# Ashville's WRRF Project

## Construction in Photos

- March 6, 2017
- Crew #1 started the installation of new drop MH#26 and the 8" SDR-35 gravity sewer lowering at Main and Scioto Streets. They located the existing 6" CI waterline and determined that the waterline is conflict with the sewer installation. AECOM was contacted and the sewer installation was placed on hold.
- Job No: 60440011



# Ashville's WRRF Project

## Construction in Photos

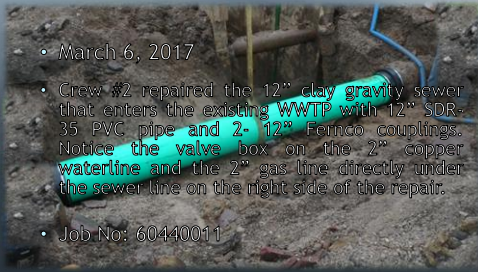
- March 6, 2017
- Crew #1 located the existing 8" waterline that runs from Station St. west under the railroad track. The cone is setting on the center of MH#13 on the 24" effluent sewer line.
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

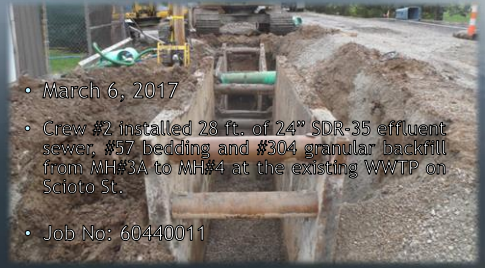


- March 6, 2017
- Crew #2 repaired the 12" clay gravity sewer that enters the existing WWTP with 12" SDR-35 PVC pipe and 2- 12" Fernco couplings. Notice the valve box on the 2" copper waterline and the 2" gas line directly under the sewer line on the right side of the repair.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 6, 2017
- Crew #2 installed 28 ft. of 24" SDR-35 effluent sewer, #57 bedding and #304 granular backfill from MH#3A to MH#4 at the existing WWTP on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

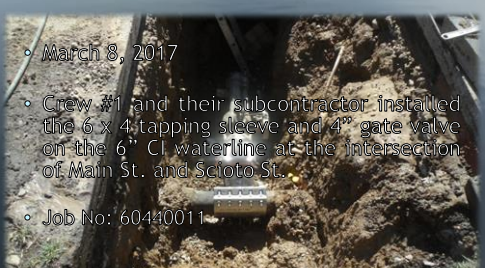


- March 6, 2017
- Crew #2 repaired the damaged 18" post air bypass line using this 18" SDR-35 90-degree elbow.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 8, 2017
- Crew #1 and their subcontractor installed the 6 x 4" tapping sleeve and 4" gate valve on the 6" CI waterline at the intersection of Main St. and Scioto St.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**

- March 8, 2017
- Crew #1 installed 37 ft. of 4" C-900 DR-25 waterline, #57 gravel bedding, #304 granular backfill and made repairs to the 3/4" copper water service line damaged during excavation.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 8, 2017
- Crew #2 installed the last 31 ft. of 24" SDR-35 effluent sewer to MH#4. The 10" C-900 DR-25 forcemain is being installed as the 24" effluent sewer is installed.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 8, 2017
- Crew #2 installing more 24" SDR-35 effluent sewer and 10" C-900 DR-25 forcemain from MH#4A to MH#5 going North on Scioto Street.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 9, 2017
- Crew #1 installing the 4" C-900 DR-25 waterline from Main Street going South on Scioto St. crossing under the 4" gas line.
- Job No: 60440011

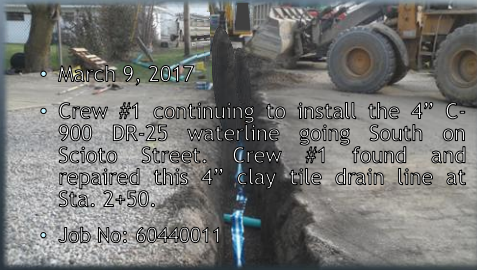




## Ashville's WRRF Project



### Construction in Photos

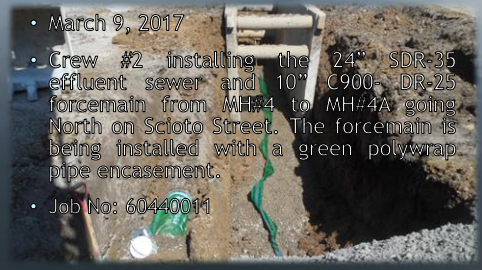


- March 9, 2017
- Crew #1 continuing to install the 4" C-900 DR-25 waterline going South on Scioto Street. Crew #1 found and repaired this 4" clay tile drain line at Sta. 2+50.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 9, 2017
- Crew #2 installing the 24" SDR-35 effluent sewer and 10" C900-DR-25 forcemain from MH#4 to MH#4A going North on Scioto Street. The forcemain is being installed with a green polywrap pipe encasement.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

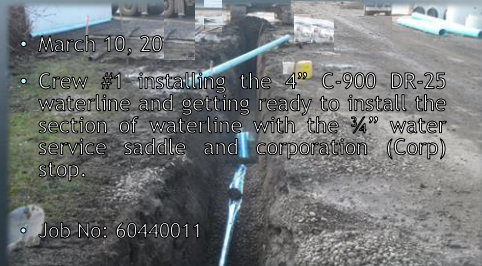


- March 9, 2017
- Crew #2 continued to install the 24" SDR-35 effluent sewer, 10" C-900 DR-25 forcemain and set MH#4A going North on Scioto Street.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 10, 2017
- Crew #1 installing the 4" C-900 DR-25 waterline and getting ready to install the section of waterline with the 3/4" water service saddle and corporation (Corp) stop.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

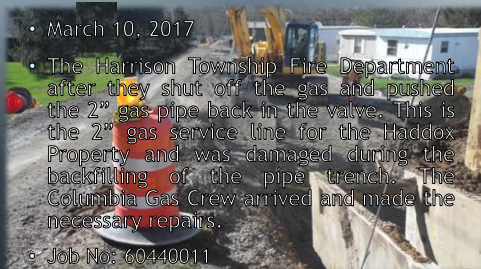


- March 10, 2017
- Crew #2 installing the 24" SDR-35 effluent sewer and 10" C-900 DR-25 forcemain under the 2" gas service for the Haddox Property.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 10, 2017
- The Harrison Township Fire Department after they shut off the gas and pushed the 2" gas pipe back in the valve. This is the 2" gas service line for the Haddox Property and was damaged during the backfilling of the pipe trench. The Columbia Gas Crew arrived and made the necessary repairs.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

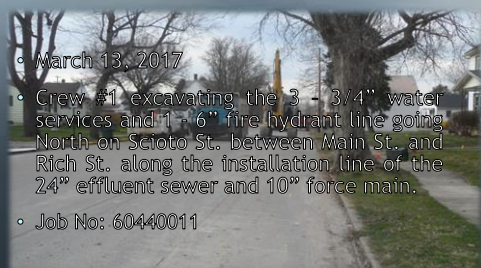


- March 10, 2017
- Crew #2 installing more 24" SDR-35 effluent sewer and 10" C-900 DR-25 forcemain from MH#4A to MH#5, going North on Scioto Street.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

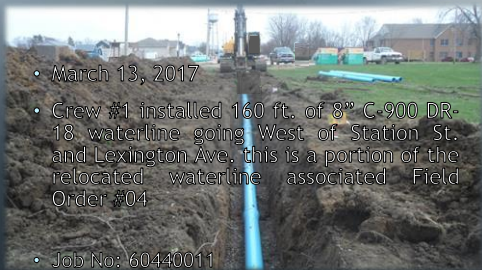


- March 13, 2017
- Crew #1 excavating the 3 - 3/4" water services and 1 - 6" fire hydrant line going North on Scioto St. between Main St. and Rich St. along the installation line of the 24" effluent sewer and 10" force main.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

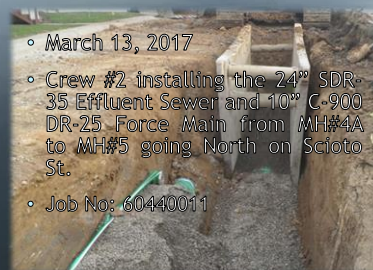


- March 13, 2017
- Crew #1 installed 160 ft. of 8" C-900 DR-18 waterline going West of Station St. and Lexington Ave. this is a portion of the relocated waterline associated Field Order #04
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 13, 2017
- Crew #2 installing the 24" SDR-35 Effluent Sewer and 10" C-900 DR-25 Force Main from MH#4A to MH#5 going North on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

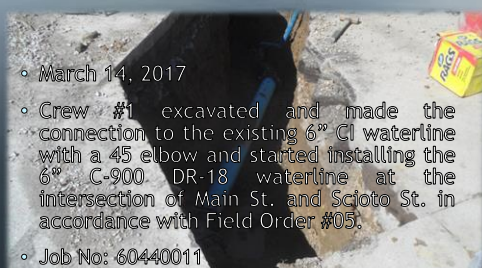


- March 13, 2017
- Crew #2 installing more 24" SDR-35 Effluent Sewer and 10" C-900 DR-25 Force Main from MH#4A to MH#5 and set MH#5 going North on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



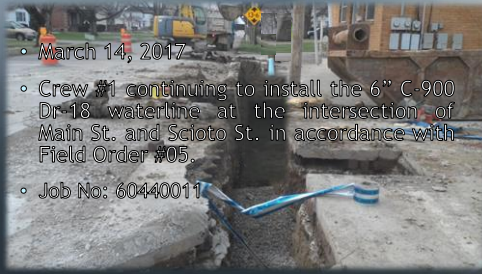
- March 14, 2017
- Crew #1 excavated and made the connection to the existing 6" CI waterline with a 45 elbow and started installing the 6" C-900 DR-18 waterline at the intersection of Main St. and Scioto St. in accordance with Field Order #05.
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

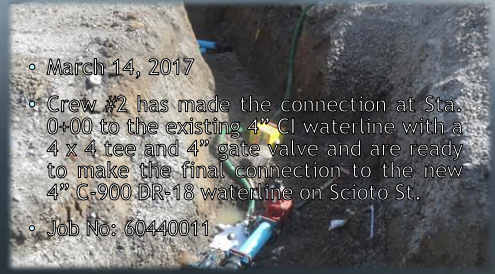


- March 14, 2017
- Crew #1 continuing to install the 6" C-900 DR-18 waterline at the intersection of Main St. and Scioto St. in accordance with Field Order #05.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 14, 2017
- Crew #2 has made the connection at Sta. 0+00 to the existing 4" CI waterline with a 4 x 4 tee and 4" gate valve and are ready to make the final connection to the new 4" C-900 DR-18 waterline on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 15, 2017
- Crew #1 getting ready to install a 90-degree elbow, 8" gate valve and new 8" C-900 DR-18 waterline at the intersection of Station St. and Lexington Ave. going West towards the Railroad tracks.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



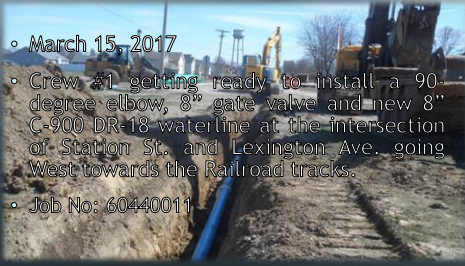
- March 15, 2017
- Crew #1 has made the new connection by installing a 90-degree elbow and 8" gate valve at the intersection of Station St. and Lexington Ave.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

- March 15, 2017
- Crew #1 getting ready to install a 90-degree elbow, 8" gate valve and new 8" C-900 DR-18 waterline at the intersection of Station St. and Lexington Ave. going West towards the Railroad tracks.
- Job No: 60440011

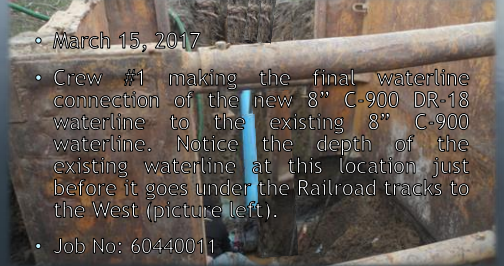


## Ashville's WRRF Project



### Construction in Photos

- March 15, 2017
- Crew #1 making the final waterline connection of the new 8" C-900 DR-18 waterline to the existing 8" C-900 waterline. Notice the depth of the existing waterline at this location just before it goes under the Railroad tracks to the West (picture left).
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

- March 16, 2017
- Crew #1 installing the 24" SDR-35 effluent sewer at the intersection of Station St. and Lexington Ave. from MH#12 to MH#13 going West across Lexington Ave.
- Job No: 60440011

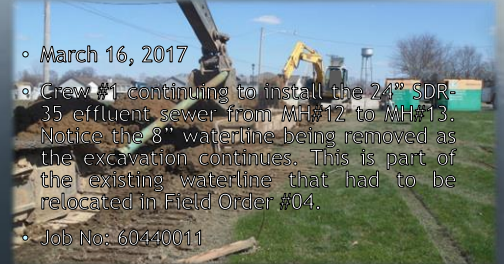


## Ashville's WRRF Project



### Construction in Photos

- March 16, 2017
- Crew #1 continuing to install the 24" SDR-35 effluent sewer from MH#12 to MH#13. Notice the 8" waterline being removed as the excavation continues. This is part of the existing waterline that had to be relocated in Field Order #04.
- Job No: 60440011

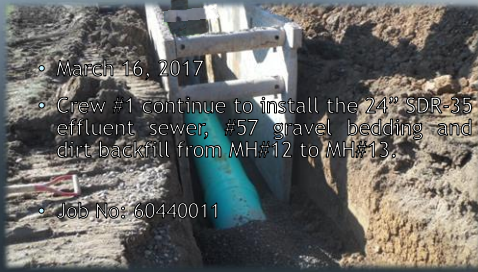




## Ashville's WRRF Project



### Construction in Photos

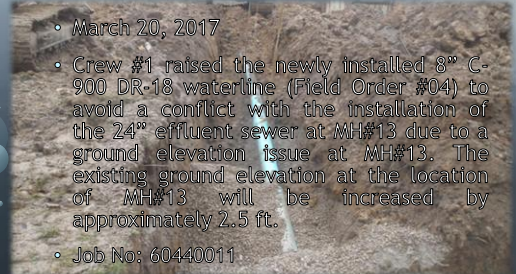


- March 16, 2017
- Crew #1 continue to install the 24" SDR-35 effluent sewer, #57 gravel bedding and dirt backfill from MH#12 to MH#13.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 20, 2017
- Crew #1 raised the newly installed 8" C-900 DR-18 waterline (Field Order #04) to avoid a conflict with the installation of the 24" effluent sewer at MH#13 due to a ground elevation issue at MH#13. The existing ground elevation at the location of MH#13 will be increased by approximately 2.5 ft.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

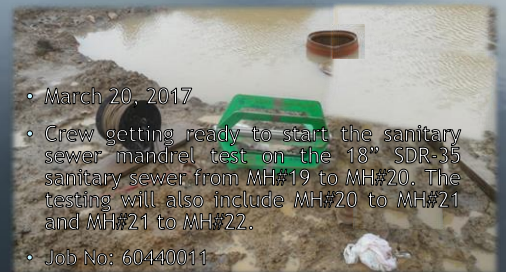


- March 20, 2017
- Crew #1 backfilling the raised 8" C-900 DR-18 waterline at the location of MH#13.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 20, 2017
- Crew getting ready to start the sanitary sewer mandrel test on the 18" SDR-35 sanitary sewer from MH#19 to MH#20. The testing will also include MH#20 to MH#21 and MH#21 to MH#22.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

- March 21, 2017
- Crew #1 installing the last 38 ft. of 24" SDR-35 effluent sewer and setting MH#13.
- Job No: 60440011

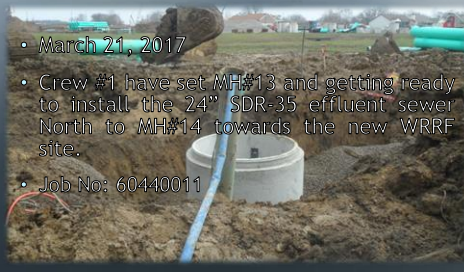


## Ashville's WRRF Project



### Construction in Photos

- March 21, 2017
- Crew #1 have set MH#13 and getting ready to install the 24" SDR-35 effluent sewer North to MH#14 towards the new WRRF site.
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

- March 21, 2017
- Crew #1 continuing to install the 24" SDR-35 effluent sewer from MH#13 to MH#14.
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

- March 22, 2017
- Crew #1 installing the 24" SDR-35 effluent sewer from MH#14 to MH#15.
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

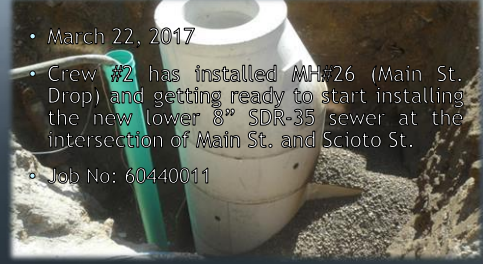


- March 22, 2017
- Crew #1 has set MH#14 and installing the 24" SDR-35 effluent sewer to MH#15. MH#15 was installed by the new WRRF contractor Peterson Construction.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

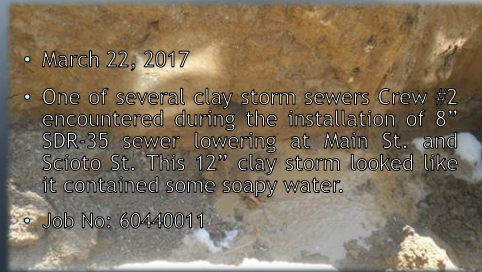


- March 22, 2017
- Crew #2 has installed MH#26 (Main St. Drop) and getting ready to start installing the new lower 8" SDR-35 sewer at the intersection of Main St. and Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 22, 2017
- One of several clay storm sewers Crew #2 encountered during the installation of 8" SDR-35 sewer lowering at Main St. and Scioto St. This 12" clay storm looked like it contained some soapy water.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 22, 2017
- Crew #2 excavating around this 4" waterline and 4" gas line to install the 8" SDR-35 sewer from MH#26 to existing MH#02 at the intersection of Main St. and Scioto St.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

March 22, 2017

Water bubbling out of the cracks in the south lane at the intersection of Main St. and Scioto St. shortly before the 6" CI waterline ruptured.

Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**

March 22, 2017

- Crew #2 making the final connection of the new lowered 8" SDR-35 sewer to existing MH#02 at the intersection of Main St. and Scioto St.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**

March 23, 2017

- Crew #1 installing the 24" SDR-35 effluent sewer from MH#14 to MH#15. Peterson Construction had previously installed MH#15.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**

March 23, 2017

- Crew using a tractor and broom to clean up the intersection of Main St. and Scioto St. following yesterday's installation of the 8" SDR-35 sewer line installation.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**

- March 23, 2017
- Crew #1 has installed the last sections of 24" SDR-35 effluent sewer and made the final connection to MH#15 at the new WRRF site.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 24, 2017
- Crew conducted air testing on several sections of 24" and 18" sanitary sewers from MH#17 to MH#22. All sections of sanitary sewer tested passed the air test with no problems encountered.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 27, 2017
- Crew #1 starting the installation of the 18" SDR-35 PVC sewer from MH#18 to MH#24 at the new WRRF site.
- Job No: 60440011



**Ashville's WRRF Project**

**Construction in Photos**

- March 27, 2017
- Crew #2 starting the installation of the 24" SDR-35 PVC effluent sewer and 10" C-900 DR-25 Force main from MH#5 to MH#6 going North on Scioto St. Job No: 60440011
- Job No: 60440011



## Ashville's WRRF Project



### Construction in Photos

- March 27, 2017
- Crew #1 continuing to install the 18" SDR-35 sewer from MH#18 to MH#24.
- Job No: 60440011

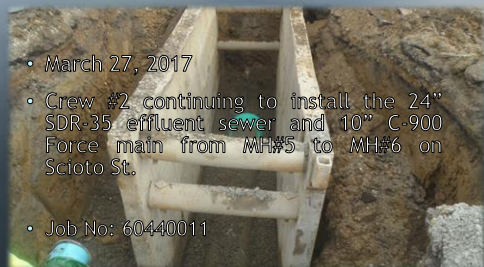


## Ashville's WRRF Project



### Construction in Photos

- March 27, 2017
- Crew #2 continuing to install the 24" SDR-35 effluent sewer and 10" C-900 Force main from MH#5 to MH#6 on Scioto St.
- Job No: 60440011

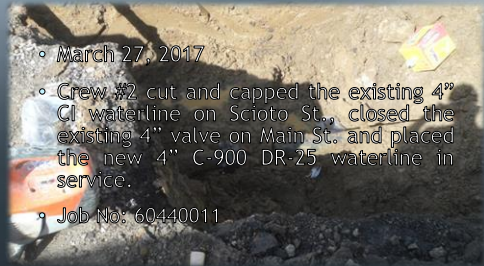


## Ashville's WRRF Project



### Construction in Photos

- March 27, 2017
- Crew #2 cut and capped the existing 4" CI waterline on Scioto St., closed the existing 4" valve on Main St., and placed the new 4" C-900 DR-25 waterline in service.
- Job No: 60440011

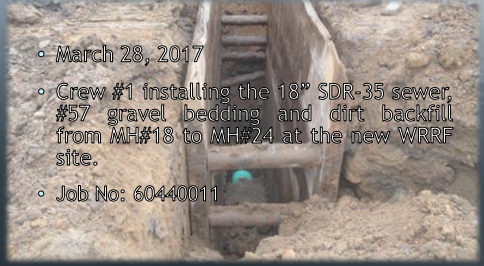


## Ashville's WRRF Project



### Construction in Photos

- March 28, 2017
- Crew #1 installing the 18" SDR-35 sewer, #57 gravel bedding and dirt backfill from MH#18 to MH#24 at the new WRRF site.
- Job No: 60440011

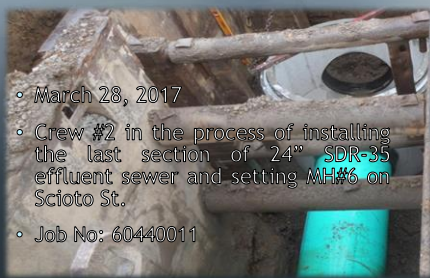




## Ashville's WRRF Project



### Construction in Photos

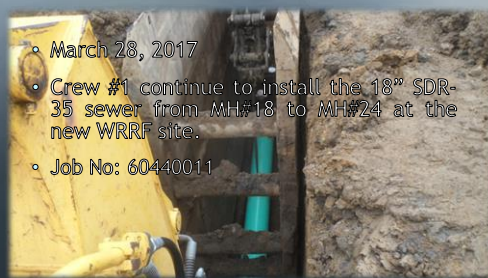


- March 28, 2017
- Crew #2 in the process of installing the last section of 24" SDR-35 effluent sewer and setting MH#6 on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

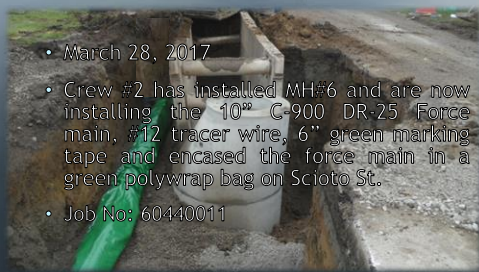


- March 28, 2017
- Crew #1 continue to install the 18" SDR-35 sewer from MH#18 to MH#24 at the new WRRF site.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

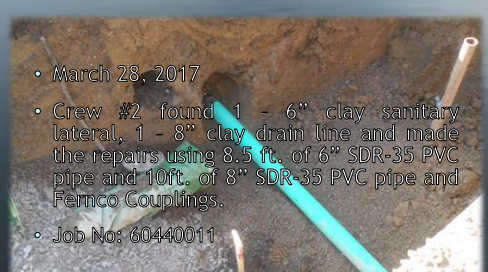


- March 28, 2017
- Crew #2 has installed MH#6 and are now installing the 10" C-900 DR-25 Force main, #12 tracer wire, 6" green marking tape and encased the force main in a green polywrap bag on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 28, 2017
- Crew #2 found 1 - 6" clay sanitary lateral, 1 - 8" clay drain line and made the repairs using 8.5 ft. of 6" SDR-35 PVC pipe and 10ft. of 8" SDR-35 PVC pipe and Fernco Couplings.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

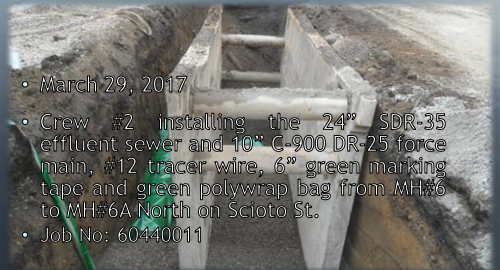


- March 29, 2017
- Crew #1 installing the last 66ft. of 18" SDR-35 sewer from MH#18 to MH#24 and setting MH#24 at the new WRRF site.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos



- March 29, 2017
- Crew #2 installing the 24" SDR-35 effluent sewer and 10" C-900 DR-25 force main, #12 tracer wire, 6" green marking tape and green polywrap bag from MH#6 to MH#6A North on Scioto St.
- Job No: 60440011

## Ashville's WRRF Project



### Construction in Photos

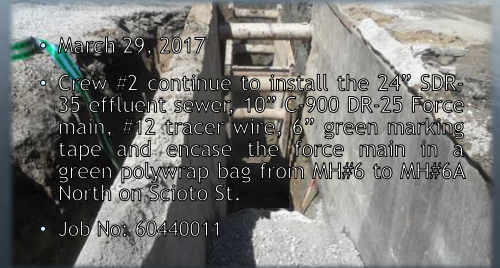


- March 29, 2017
- Crew #1 has installed most of MH#24 and are now excavating to find the 8" drain line installed by Peterson Construction. They connected the 8" drain line to MH#24 with 16ft. of 8" SDR-35 PVC pipe.
- Job No: 60440011

## Ashville's WRRF Project



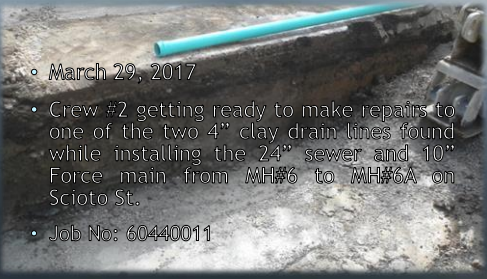
### Construction in Photos



- March 29, 2017
- Crew #2 continue to install the 24" SDR-35 effluent sewer, 10" C-900 DR-25 Force main, #12 tracer wire, 6" green marking tape and encase the force main in a green polywrap bag from MH#6 to MH#6A North on Scioto St.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**



- March 29, 2017
- Crew #2 getting ready to make repairs to one of the two 4" clay drain lines found while installing the 24" sewer and 10" Force main from MH#6 to MH#6A on Scioto St.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**



- March 30, 2017
- Crew #1 installing the 18" SDR-35 sewer, #57 gravel bedding and dirt backfill from MH#24 to MH#25 at the new WRRF site.
- Job No: 60440011

**Ashville's WRRF Project**

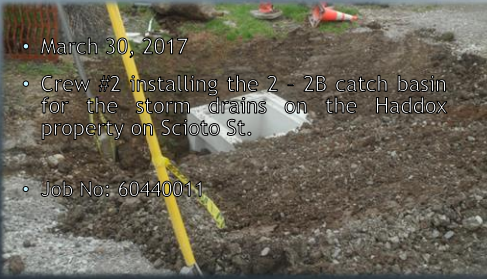
**Construction in Photos**



- March 30, 2017
- Crew #1 continuing to install the 18" SDR-35 sewer; #57 gravel bedding and dirt backfill from MH#24 to MH#25 at the new WRRF site.
- Job No: 60440011

**Ashville's WRRF Project**

**Construction in Photos**



- March 30, 2017
- Crew #2 installing the 2 - 2B catch basin for the storm drains on the Haddox property on Scioto St.
- Job No: 60440011



