



# Engineering Department

PROJECT STATUS REPORT  
(Water and Wastewater)

As of April 15, 2018

# WATER PROJECTS



# Water Projects Synopsis

2009 - 2017

Project	Project Cost	Line Contract Cost	%	Notes
Wytheville-Rural Retreat		\$4,270,387.30	100	
Water Storage Tank	\$5,465,300.00	\$455,784.81	100	
Old School Road Extension		\$619,091.00	100	
Old School Road Loop	\$1,076,700.90	\$272,704.38	100	Budgeted cost: \$1,082,100
Route 619	\$895,933.80	\$756,921.67	100	
Slabtown/Rt 619	\$171,223.55	\$138,678.00	100	Budgeted cost: \$1,084,200.
Speedwell Div 1A		\$1,073,051.50	100	
Speedwell Div 1B		\$795,516.50	100	
Speedwell Div 1C		\$2,008,320.50	100	
Water Storage Tank	\$4,824,300.00	\$394,741.43	100	Balance of funds used for Speedwell Ph III.
<b>Jackson School/Rt 52</b>	<b>\$276,016.00</b>	<b>\$239,165.50</b>	99	Waterline in service; paving repairs complete; crossdrain solution w/ VDOT.
Barren Springs Phase I	\$927,000.00	\$880,191.00	100	Wythe Co. funded
Barren Springs Div IIA		\$603,267.55	100	
Barren Springs Div IIB		\$1,032,675.00	100	
Barren Springs Div IIC		\$1,100,538.90	100	Foster Falls section closeout
Water Storage Tank	\$3,754,000.00	\$507,711.00	100	
Kitchen-Nixon-Wilkins Road	\$684,000.00	\$369,195.75	100	Final connections, etc.
Speedwell Phase II Div IA		\$666,582.69	100	Balance of funds to Speedwell Ph III
Speedwell Phase II Div IB	\$1,837,856.99	\$872,749.50	100	
Speedwell Phase III Div 1		\$566,652.50	82	
Speedwell Phase III Div 2 (booster station)	\$1,044,434.11	\$378,080.50	70	
Rickey Road Waterline Extension	\$286,000.00	TBD		ESA Proposals 16 March 18
Rapier Ridge Water Tank	\$1,252,500.00	N/A		Final loan closing activities

# RECENT PROJECTS



# Jackson School Waterline

- 12 Feb 18. Inquiry from Surety's Virginia lawyer concerning resolution of any outstanding items.
  - \* 12 Feb 18. Initial County response by email.
  - \* County claim submitted for \$24,773.76.
- 7 Mar 18. County letter to submitted presenting position on cross-drain requirement and reconsideration of of Surety's 11 Oct 17 denial.

## Jackson School Waterline Claims Recap

Paid to others:	\$73,850.56
Wythe County claim:	\$24,773.76
Not yet resolved:	\$32,775.00
Total:	\$131,399.32

# UNDER CONSTRUCTION



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## Speedwell Phase III

Contract 1: Little Henry, Pound VA  
- Notice to proceed Oct 2017  
- Land Use Permit (VDOT): 6 Nov 17

Contract 2: King General Contractors, Bristol VA  
- Notice to proceed Oct 2017.

- Division 1 at 82%.
- Division 2 at 70%.

# UNDER CONSTRUCTION

## Speedwell Phase III



- Work completed:
  - Cripple Creek Road: 4300 feet. - Complete
  - Stroupe Mountain Road: 4,400 feet. – Complete
  - Cinnamon Run (North): 2,000 feet. - Complete
  - Grayson Tank Booster Station (Contract #2).
- Work underway.
  - Water meters being set.
    - 42 connections.



# WASTEWATER PROJECTS



# Exit 24 Wastewater Improvements

## Remaining Work

- Contract 1 (WWTP), 100%.
  - Substantial completion 11 Oct 17.
  - O&M manuals being developed.
  - Final American Iron & Steel certs being submitted.
    - Requirement for last draw request adjudication.
  - Plant start up, commissioning: tentative April 24<sup>th</sup>.
  
- Contract 2 (Collection system), 100%.
  - Substantial completion 11 Oct 17.
  - Final punchlist item.
    - Site fencing.
  - Circle K store stub completed.
  - Pump station O&M manuals being developed.
  - Circle K tie-in will allow plant commissioning process to begin.

# PROJECT PLANNING



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## Raper Ridge Water Tank Project

- Engineer Services Agreement (7 July 17) approved by USDA RD 27 June 17.
  - \$86,520.
- 11 July 16. USDA RD Letter of Conditions.
  - Project funding: \$1,252,500.
- Letter of Conditions items submitted to RD.
  - Certificate to Construct (CTC) last item required for authority to bid (from USDA RD).
    - Submitted to VDH regional office on March 12<sup>th</sup>.
    - Due to tank size must route to VDH in Richmond.
- Erosion and Sediment Control plan approved. Stormwater permit not required.

# PROJECT PLANNING

## SCADA System Expansion

- 25 Oct 17 – MRPD grant approved in the amount of \$25,000.
- Peed & Bortz ESA fee proposal of \$8,000 accepted by Board on February 13<sup>th</sup>.
- USDA RD applying \$9,725.32 of remaining Barren Springs Div II, III funds to project.
  - Applied towards Grahams Forge Tank Alarm (\$14,755).

# PROJECT PLANNING

## Rickey Road Waterline Extension

- PER – part of “Multi-Community Water” PER, 25 July 17.
  - \$23,000.
- 28 Sep 17 USDA RD Letter of Conditions.
  - Project funding: \$286,000 (\$309,000 with PER cost included).
- 23 Oct 17 – Request to Amend and Appropriate to Water Committee for \$286,000.
  - Will allow procurement actions to go forward (public notices, advertising, etc.).
- 8 Nov 17 - Preliminary information forwarded to Bond Counsel.
- 9 Dec 17. Notice of Intent to Apply For Funding – *Wytheville Enterprise*.
- Request For Proposal for Engineering Services to be published in *Wytheville Enterprise* on February 17<sup>th</sup> and 24<sup>th</sup>. Due date is March 16<sup>th</sup>.

# PROJECT PLANNING

## Max Meadows Bridge Waterline Replacement

- Investigative work for this project by CARDNO began on August 30th with a site visit.
  - CARDNO proposed a cost of \$4,990, which was accepted by the BOS at its October 24th meeting, to prepare cost estimates and preliminary drawings for the project.
  
- Options under consideration are:
  - Replacement of existing waterline with another bridge-mounted waterline (estimated cost of (\$82,250).
  - Stream crossing (estimated cost of \$111,455).
  - Water Committee recommendation: stream crossing.

# PROJECT PLANNING

## Lot 20 Sewer Extension

- No change** • Lot 20 Sewer. This project is ready for advertisement. However, procurement activities were held in abeyance pending final disposition of the Branch Botanicals construction project on Lot 20.
- DHCD grant project: \$359,695 (sewer construction project).



# PROJECT PLANNING

## Fort Chiswell WWTP Headworks

- Hurt & Proffitt proposal (14 Sep 17)
  - Field evaluation.
  - Design headworks improvements.
  - Fee: \$17,700.
  - Deliverables: 120 days from NTP.
  - Accepted by Board on 24 Oct 17.