

West Virginia Rural Water Association

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INFRASTRUCTURE COUNCIL REPORT NEWSLETTER A PUBLICATION OF WVRWA, 100 Young Street, Scott Depot, WV 25560-7839

Infrastructure Council Conducts Regular November 2020 Meeting

The West Virginia Infrastructure and Jobs Development Council (IJDC) convened in regular session on November 4, 2020 at the Water Development Authority in Charleston.

At that meeting, four projects were Recommended to Pursue Infrastructure Fund Assistance. Two projects were Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance. Eleven projects Requested an Infrastructure Fund Binding

Commitment. No projects Requested Ancillary Project Expenditure. No projects were Recommended for Infrastructure Fund Economic Development Assistance. Seven projects Required Additional Information. Six sewer and seven water applications were received.

Projects Recommended to Pursue Infrastructure Fund Assistance

City of Spencer, 2020W-1905. The proposed project is an emergency water transmission line replacement and water reservoir repair to resolve a crisis situation. The proposed rate per 3,400 gallons is \$30.31. The 1.5 percent MHI is stated at \$28.07. The engineer is James B. Hildreth with Boyles & Hildreth. The proposed funding is a Local/City/Council (committed September 10, 2020) of \$120,000 and an IJDC District 2 Grant of \$120,000. Total project cost is \$240,000. **Motion passed.**

Town of Wardensville, 2020S-1873. The Town of Wardensville sewer improvement project consists of improvements to the wastewater treatment plant, upgrades at two lift stations, inflow

and infiltration study of the collection system, and installation of a SCADA system. The proposed rate per 3,400 gallons is \$35.65. The 1.5 percent MHI is stated at \$43.75. The engineer is John W. Cole with RK&K Engineers. The proposed funding is a USDA Grant of \$602,000 and a USDA Loan (2%, 30 years) of \$963,000. The total project cost is \$1,565,000. The Town of Wardensville is also recommended to pursue an IJDC Design Loan (2%, 30 years) of \$139,500. **Motion passed.** The Town of Wardensville is requesting an engineering fee variance for total fees. **Motion passed.**

Town of Pineville, 2020W-1891. The proposed project is to provide necessary water system upgrades to alleviate water loss, address sanitary survey deficiencies, and allow for water system expansions, such as the Phase I: Brenton/Baileysville Waterline Extension Project. The proposed rate per 3,400 gallons is \$67.50. The 1.5 percent MHI is stated at \$66.72. The engineer is Matthew Anderson. The proposed funding is a USDA Loan (1.5%, 40 years) of \$3,218,282.42, a DWTRF Loan

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This newsletter is published for informational purposes only.
Await notification from the IJDC before proceeding with your projects.

(1%, .25% admin fee, 30 years) of \$550,000, a Wyoming County Commission Grant of \$75,000, an ARC Grant of \$1,500,000, a USDA Grant of \$1,500,000, an IJDC District 3 Grant of \$500,000, and a USEDA Grant of \$1,000,000. Total project cost is \$8,343,282.42. **Motion passed.**

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 information about
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 other activities.

Town of Pineville, 2020W-1903. The proposed project is to provide reliable water service to the communities of Brenton, Baileysville, Double Camp, Green Camp, and Marianna, West Virginia as well as the Baileysville Elementary and Middle School. Also, this waterline extension would take the existing Brenton, Green Camp, and Marianna systems offline. The proposed rate per 3,400 gallons is \$63.46. The 1.5 percent MHI is stated at \$42.16. The engineer is Jeremiah Tuggle. The proposed funding is an AML Pilot Grant of \$4,500,000, a Wyoming County Commission Grant of \$85,000, an IJDC District 3 Grant of \$500,000, and an IJDC District 3 Loan (2%, 30 years) of \$176,500. Total project cost is \$5,261,500. **Motion passed.**

Projects Recommended to Pursue Funding Sources Other Than Infrastructure Fund Assistance

City of Follansbee, 2018W-1756. The proposed project will upgrade the water treatment plants, SCADA system, refurbish all boosters and tanks, and replace some existing water lines. The existing rate per 3,400 gallons is

\$18.12 and the proposed rate is \$27.57. The 1.5 percent MHI is stated at \$63.93. The engineer is Paul Ghosh with Ghosh Engineers. The sources and amounts proposed in the preliminary application consisted of a DWTRF Loan (2.75%, 20 years) of \$9,281,573 with a total cost of \$9,281,573. The proposed funding is a DWTRF Loan (2.75%, .25% admin fee, 20 years) of \$9,237,573. Total project cost is \$9,237,573. **Motion passed.**

Greenbrier County Public Service District #2, 2020S-1887.

This project proposes to upgrade the District's existing WWTP in order to prolong the useful life of the facility. New construction for this project includes a new headworks building and a new influent lift station. The proposed headworks facility will contain package headworks equipment, and a bridge crane and trolley hoists. This project also entails upgrades to the existing WWTP facilities. Equipment will be removed and replaced in the oxidation ditch, secondary clarifiers, chlorine contact tank. The oxidation ditch will receive new rotors with VFDs, disc aerators, covers, DO control system, effluent weirs and troughs, and valves and piping, and will also be cleaned and receive a fresh coat of paint. The secondary clarifier shall have its sludge collection and scum removal equipment removed and replaced, and shall be outfitted with a new access bridge, walkway, handrail, valves, and piping. A chlorine feed building will be installed on the existing post-aeration basin, which will also receive new chlorination/dichlorination feed equipment, effluent flow meter, fiberglass grease baffle, and fresh paint. Various miscellaneous improvements will be made to the sludge drying beds, site lighting and electrical systems. In addition, this project proposes to remediate the District's Quinwood collection system in order to address I&I issues. Approximately 68,500 LF gravity sewer mains, ranging between four (4) inches and 10 inches in diameter and 3,500 LF of four (4) inch

forcemain will be removed and replaced. Seven (7) pump stations will be upgraded with new pumps, one (1) pump station will be converted to a wet well with submersible pumps, and two (2) pump stations will be decommissioned and replaced with a single larger pump station. The existing rate per 3,400 gallons is \$46.07 and the proposed rate is \$67.12. The 1.5 percent MHI is stated at \$31.25. The engineer is Jonathan Carpenter with Thrasher Engineering. The sources and amounts pending approval consisted of a USDA Grant of \$2,335,000 and a USDA Loan of \$20,000,000 with a total project cost of \$22,335,000. Greenbrier Public Service District #2 is recommended to pursue a WDA Design Loan of \$1,400,000 to be paid back upon closing of the project financing (proposed at construction). **Motion passed.**

Projects Requesting an Infrastructure Fund Binding Commitment

City of Thomas, 2020C-107. One of the two pumps in the pump station serving the Cortland Acres Nursing Home is broken. Because of this, the one working pump in the pump station overheats, locks up, and ceases to work, resulting in the discharge of untreated wastewater onto the ground, which

IJDC Technical & Funding Committee Meeting

Tuesday, 10:00 a.m.

November 24, 2020

**Water Development Authority
1009 Bullitt Street
Charleston, WV**

has been reported to DEP, as required. The City's employees are cleaning up the wastewater spillage and are exposed to potentially COVID-containing nursing home wastewater, which is a major health hazard. Further, the City's limited sewer work force is constantly driving to check on the pump station. Because the pump station is too small to serve current flows, the entire pump station should be replaced. Over the years, the Nursing Home has expanded and the increased wastewater flow and age of the pumps and ancillary equipment requires the entire lift station to be replaced. By-pass pumping is required in order to replace the lift station. The cost of this item is \$101,808. The City's Lift Station A is also experiencing failures, resulting in the discharge of untreated wastewater near the Blackwater River. The cost to install replacement pumps is \$23,513. The 1.5 percent MHI is stated at \$41.28. The City of Thomas is recommended that the revised critical needs application be tabled until the next Committee meeting to allow the City time to respond to the request for additional information. **Tabled.**

Claywood Park Public Service District, 2018W-1782. The proposed project is a Claywood Park Public Service District water extension to approximately 50 customers in the Freeport area of Wirt County. The existing rate per

IJDC Monthly Meeting

Wednesday, 9:30 a.m.

December 2, 2020

**Water Development Authority
1009 Bullitt Street
Charleston, WV**

3,400 gallons is \$54.85 and the proposed rate is \$54.85. The 1.5 percent MHI is stated at \$49.19. The engineer is Dominick Cerrone with Cerrone Associates. The sources and amounts pending approval consisted of a DWTRF Loan of \$441,000, a DWTRF Principal Forgiveness of \$196,000, and an IJDC District 2 Grant of \$500,000 with a total cost of \$1,137,000. The proposed funding is a DWTRF Loan (.5%, .25% admin fee, 30 years) of \$441,000, a DWTRF Principal Forgiveness Loan of \$196,000, an IJDC District 2 Grant of \$500,000, and an IJDC District 2 Bid Overrun Grant of \$97,521. Total project cost is \$1,234,521. Claywood Park Public Service District is requesting a binding commitment for the IJDC District 2 Bid Overrun Grant of \$97,521. **Motion passed.**

Town of Harman, 2020F-101. The proposed project is due to the flooding, in which approximately 2,000 LF of sewer lines were washed out, leaving seven homes along Blizzards Gate Road without sewer service. The engineer is Erasmo Rizo with Civil & Environmental Consultants. The sources and amounts recommended by the Funding Committee consisted of an IJDC District 2 Grant (Reimbursable) of \$131,873, an IJDC District 2 Grant of \$201,830, and a FEMA Grant of \$527,493 with a total cost of \$729,323. The proposed funding is for the Town of Harman's use of contingency request be approved and receive a binding commitment for an additional \$5,318.11 for a total of \$207,148.11 IJDC District 2 Grant and receive a binding commitment for an additional \$10,032.76 for a total of \$141,905.76 IJDC District 2 Reimbursable Grant. **Motion passed.**

Town of Mill Creek, 2019W-1834. This project will continue the replacement of the water lines within the Town of Mill Creek's water distribution system. The existing rate per 3,400 gallons is \$39.44 and the proposed rate is \$50.34. The 1.5 percent MHI is

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stated at \$37.13. The engineer is Terence "Terry" Moran with Potesta and Associates. The sources and amounts pending approval consisted of a DWTRF Principal Forgiveness of \$882,475, an IJDC District 2 Grant of \$959,911, and an IJDC District 2 Loan of \$3,277,108 with a total cost of \$5,119,494. The Town of Mill Creek is requesting a 9 month binding commitment extension from November 13, 2020 until August 13, 2021. **Motion passed.**

City of Spencer, 2020W-1905. The proposed project is the emergency water transmission line replacement and water reservoir repair to resolve a crisis situation. The proposed rate per 3,400 gallons is \$30.31. The 1.5 percent MHI is stated at \$28.07. The engineer is James B. Hildreth with Boyles & Hildreth. The sources and amounts proposed in the preliminary application consisted of a Local/City/Council (committed September 10, 2020) of \$120,000 and an IJDC District 2 Grant of \$120,000 with a total cost of \$240,000. The City of Spencer is requesting a binding commitment for the IJDC District 2 Grant of \$120,000 contingent upon submission of documentation of match funds. **Motion passed.**

Town of Wardensville, 2020S-1873. The Town of Wardensville sewer improvement project consists of improvements to the wastewater treatment plant, up-

grades at two lift stations, inflow and infiltration study of the collection system, and installation of a SCADA system. The proposed rate per 3,400 gallons is \$35.65. The 1.5 percent MHI is stated at \$43.75. The engineer is John W. Cole with RK&K Engineers. The sources and amounts proposed in the preliminary application consisted of a USDA Grant of \$602,000, a USDA Loan (2%, 30 years) of \$963,000, and an IJDC Design Loan (2%, 30 years) of \$139,500 with a total cost of \$1,704,500. The Town of Wardsville is requesting a binding commitment for the IJDC District 2 Design Loan (3%, 20 years) of \$139,500. **Motion passed.**

Town of Durbin, 2018S-1764. Broken sanitary and storm sewer mains have resulted in raw sewage leaking into the ground and lying in ditches, creating a health hazard for residents. The project will replace broken sanitary and storm sewer mains, as well as the replacement of the disinfection system at the WWTP. The existing rate per 3,400 gallons is \$28.46 and the proposed rate is \$34.15. The 1.5 percent MHI is stated at \$39.35. The engineer is Dewayne N. Hannah. The sources and amounts proposed in the preliminary application consisted of a RUS Grant of \$2,083,000, a RUS Loan (2.37%, 38 years) of \$277,000, and an IJDC District 3 Grant (committed November 13, 2019) of \$500,000 with a total cost of \$2,860,000. The sources and amounts pending approval consisted of a USDA Grant of \$2,083,000, a USDA Loan of \$277,000, an IJDC District 3 Grant of \$300,000, and an IJDC District 3 Loan of \$200,000 with a total cost of \$2,860,000. The Town of Durbin is requesting a 9 month binding commitment extension from November 13, 2020 until August 13, 2021. **Motion passed.**

City of Gary, 2020W-1909.

The project includes the engineering services necessary to conduct a Feasibility Study that will review alternate water sources for the City's water distribution system, including 1) alternate raw water sources; 2) emergency interconnect to the City of Welch water distribution system; 3) emergency interconnect to the McDowell County water distribution system; and 4) consolidation with nearby water utility. The 1.5 percent MHI is stated at \$39.58. The engineer is Stacy A. Fowler with Stafford Consultants. The proposed funding is for the City of Gary to receive an IJDC PFA District 3 Funds of \$20,000 to match the McDowell County Commission commitment. **Motion passed.**

McDowell County Public Service District, 2015S-1571. The proposed project is a new collection system and package plant for 60 customers (59 dwellings and 1 store) mainly along Route 16 in Coalwood, WV. The proposed rate per 3,400 gallons is \$48.00. The 1.5 percent MHI is stated at \$27.69. The engineer is Robert D. Hazelwood with E.L. Robinson Engineering. The sources and amounts proposed in the preliminary application consisted of a SCBG (committed October 26, 2010) of \$1,300,000, a SCBG (committed October 26, 2010) of \$200,000, and a RUS Grant of \$450,000 with a total cost of \$1,950,000. The sources and amounts pending approval consisted of a SCBG of \$200,000, a SCBG of \$1,300,000, a CWSRF Principal Forgiveness of \$750,000, and an IJDC District 3 Grant of \$1,000,000 with a total cost of \$3,250,000. McDowell County Public Service District is requesting a 9 month binding commitment extension from November 13, 2020 until August 13, 2021. **Motion passed.**

City of Ronceverte, 2018W-

1740. The proposed project is a water distribution upgrade consisting of replacing 2 existing water storage tanks, replacing a flow control building, replacing sections of old cast iron lead joint pipe, asbestos concrete pipe, and galvanized steel pipe, including valves, fire hydrants and water meter services, improvements to existing water booster stations, upgrading radio telemetry system, and purchasing advanced leak detection equipment. The proposed rate per 3,400 gallons is \$55.17. The 1.5 percent MHI is stated at \$47.37. The engineer is Robert D. Hazelwood with E.L. Robinson Engineering. The sources and amounts proposed in the preliminary application consisted of a DWTRF Loan (.75%, 30 years) of \$2,500,000, a DWTRF Principal Forgiveness of \$800,000, and an IJDC District 3 Grant (committed April 1, 2020) of \$700,000 with a total cost of \$4,000,000. The sources and amounts pending approval consisted of a DWTRF Principal Forgiveness of \$1,100,000, an IJDC District 3 Grant of \$375,000, a DWTRF Loan of \$325,000, a DWTRF Loan of \$2,275,000, and an IJDC Soft Cost Grant of \$125,000 with a total cost of \$4,200,000. The City of Ronceverte is requesting an IJDC District 3 Bid Overrun Grant binding commitment of \$100,000. **Motion passed.**

City of Ronceverte, 2018W-1747. The proposed project is a water distribution rehab project consisting of replacing sections of old cast iron lead joint pipe, asbestos concrete pipe and galvanized pipe; replacing existing valves, hydrants, and water meter services; and improvements to the existing water booster station. The existing rate per 3,400 gallons is \$52.29 and the proposed rate is

\$55.17. The 1.5 percent MHI is stated at \$47.37. The engineer is Robert D. Hazelwood with E.L. Robinson Engineering. The sources and amounts proposed in the preliminary application consisted of a SCBG (committed July 19, 2019) of \$1,500,000 and an IJDC District 3 Grant (committed May 6, 2020) of \$700,000 with a total cost of \$2,200,000. The sources and amounts pending approval consisted of a SCBG of \$1,500,000 and an IJDC District 3 Grant of \$500,000 with a total cost of \$2,000,000. The City of Ronceverte is requesting an IJDC District 3 Bid Overrun Grant binding commitment of \$76,000. *Motion passed.*

Business Items

Wayne Morgan adjusted the 2021 IJDC Meeting Schedule in October due to conflicts with funding agencies. He asked for the schedule to be approved as presented. *Motion passed.*

Informational Items

Sherry Risk presented the Community Development Block Grant-Mitigation. On August 30, 2019, the U.S. Department of Housing and Urban Development allocated \$106,494,000 to West Virginia. The funding will provide an opportunity to fortify resiliency measures to decrease the impact of future flooding events and other natural disasters in the following counties: Clay, Greenbrier, Kanawha, Nicholas, Fayette, Jackson Lincoln, Monroe, Pocahontas, Roane, Summers, and Webster with a requirement of \$53,247,000 to be spent in the most impacted and distressed counties to include Kanawha, Greenbrier, Nicholas, and Clay. The grant funds will be used for mitigation activities that will increase resilience to disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to and loss of property,

and suffering and hardship, by lessening the impact of future disasters. 50% of grant funds must be spent in 6 years from the date of execution of contract with HUD; 50% of grant funds must be spent on activities which benefit low- to moderate-income persons and households; and all grant funds must be spent within 12 years from the date of execution of contract with HUD. Recommended was \$72,169,300 to a General Infrastructure Program, \$14,000,000 to a Public Facility Hardening Program, and \$15,000,000 to a Planning and Capacity Program.

Janna Lowery presented the USDA FY2020 WEP Funding Report. We were able to access additional funds over what we were initially allocated—144% in Loans and 209% in Grants. With Loans and Grants, \$90,880,800 was utilized.

Executive Director Comments

Anthony Carpenter and Rob Adams with Brown Edwards presented the IJDC FY2020 Audit. The Audit Report was an unmodified report, which means it was a clean report with no material weaknesses or significant deficiencies.

Projects Requiring Additional Information

Denver Water Association, 2020W-1888

Greater Harrison Public Service District, 2020W-1899

Town of Tunnelton, 2020S-1893

Town of Reedy, 2014S-1507

Town of Wardensville, 2020S-1879

Town of Hillsboro, 2020S-1902

McDowell County Public Service District, 2019W-1838

Applications Received

The following sewer applications were received:

Town of Buffalo, 2020S-1901

Bradley Public Service District, 2020S-1884

City of Gary, 2019S-1853

Pocahontas County Public Service District, 2017S-1707

Shady Springs Public Service District, 2020S-1910

City of Smithers, 2020S-1914

The following water applications were received:

Town of Ellenboro, N/A

Town of Farmington, 2020W-1911

Gilmer County Public Service District, 2020W-1915

City of Spencer, 2020W-1912

Boone County Public Service District, 2020W-1868

Mingo County Public Service District, 2014W-1550

Webster County Economic Development Authority, 2020W-1913

Other Reports

There were no other reports.

Public Comment

There was no public comment.