



June 21, 2022

Daniel K. Atwill
Presiding Commissioner
Boone County Commission
Columbia, MO by e-mail only

Janet M. Thompson
District Commissioner
Boone County Commission
Columbia, MO by e-mail only

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District Commissioner
Boone County Commission
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RE: Notice of Funding Opportunity for
State American Rescue Plan Act (ARPA)
Water Infrastructure Community Grant Program
Missouri Department of Natural Resources (MDNR)

Dear Commissioners:

I am writing to request your commitment of \$3,544,800 in ARPA funds as local match for a \$5,000,000 State ARPA grant to complete the Boone County Regional Sewer District's Midway Area Project. The Midway Area Project will improve public health and the environment by expanding and improving the Midway Crossing Wastewater Treatment Plant (WWTP) and allowing closure of the Trails West Lagoon. The overall cost and proposed funding sources are shown below:

| | |
|-------------------|------------------------|
| State ARPA | \$ 5,000,000.00 |
| Boone County ARPA | \$ 3,544,800.00 |
| BCRSD | \$ 500,000.00 |
| TOTAL | \$ 9,044,800.00 |

The BCRSD Board of Trustees commissioned McClure Engineering to develop a Midway Area Facility Plan at their regular meeting in June 2021. A draft version of the facility plan has been presented to the Board of Trustees and is enclosed. The facility plan recommends the construction of a 250,000 gallons per day (gpd) multichannel "oxidation ditch" wastewater treatment system at the site of the current Midway Crossings WWTP. The facility plan further recommends the connection of the Trails West Lagoon to the expanded treatment facility by building a pump station and force main.

The estimated cost of implementing these recommendations is reflected below:

| | |
|----------------------------------|------------------------|
| Midway Crossings Oxidation Ditch | \$ 6,610,000.00 |
| Trails West Pump Station | \$ 2,434,800.00 |
| TOTAL | \$ 9,044,800.00 |

A key benefit of increased capacity at Midway Crossings is allowing connection and closure of the Trails West Lagoon, which currently serves an estimated 644 people and is on a compliance schedule requiring treatment for ammonia and disinfection by November 2031. The Midway Crossings WWTP currently serves an estimated 913 people. The proposed improvements to the Midway Crossings WWTP will enable service for 3,370 people, including the existing load, future service of Midway Auto/Truck Plaza, which is currently served by a lagoon under a compliance schedule of September 1, 2022, and potential future development in the area.

Boone County's commitment of local match for this request will significantly strengthen BCRSD's application for state ARPA funding due July 14. The requested local match will exceed 20%, resulting in the maximum number of points for local share awarded to BCRSD's state ARPA grant application. The impending July 14 deadline for applications creates some urgency for the Boone County Commission to indicate its commitment for local match toward the Midway Area Project.

Finally, in a previous conversation you requested information on the number of people that this project would serve. The Midway Area Facility Plan is almost wholly contained within Katy Township, which had a 2020 census recorded population of 4,152 people. The planning area covers approximately 2,700 acres (4.2 square miles), which yields an estimated population of 1,613 people. Using a 2% annual growth rate, the estimated population of the planning area in 2042 is 2,494 people. Currently BCRSD systems serve about 2,597 people within the planning area, including residences and businesses, primarily Midway USA at both the Van Horn Tavern Road campus and at the Highway 40 and Route J campus. A private system, Midway Auto/Truck Plaza, serves about 932 people.

The proposed Midway Area Project would result in service of approximately 3,370 people in residences and businesses and would include all of the BCRSD's existing service areas of:

1. Midway Crossing Subdivision;
2. Rollingwood Plats 1 and 2;
3. Midway Elementary School;
4. MeowLuxe Cat Boarding Facility;
5. Ravenwood Subdivision Plat 1; and
6. Trails West Subdivision.

The Midway Area Project would also include the following future service areas, in addition to an additional 78 lots or 289 people:

1. Bolli Road Sanitary Sewer Neighborhood Improvement District (10 lots);

2. Completion of Ravenwood Subdivision (128 lots);
3. Completion of Midway Crossing Subdivision (26 lots) and
4. Midway Auto/Truck Plaza.

In conclusion, by providing a local match of \$3,544,800 for the Midway Area Project, the Boone County Commission can leverage a \$5,000,000 grant from the State of Missouri to protect public health and the environment and serve about 3,700 people in residences and businesses.

Due to the complexity of this matter, I would like to meet with you to discuss further this project and this request for ARPA funding. Further, if there are any requirements that have not been met in providing this information, I would appreciate it if you would contact me immediately. Thank you for your efforts. If you have any questions regarding this issue, please feel free to call me at 443.2765 or e-mail me at tratermann@bcrsd.com.

Sincerely,
BOONE COUNTY REGIONAL SEWER DISTRICT



Tom Ratermann, PE
General Manager

C: File
Dustin Stanton, Boone County Treasurer, by e-mail only
June Pitchford, Boone County Auditor, by e-mail only
CJ Dykhouse, Boone County Counselor, by e-mail only