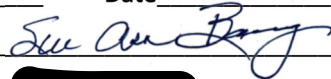




County of Lancaster Request for ARPA Funding

Organization Borough of Lititz/Warwick Township/Lititz Run Watershed Alliance **Date** 7/5/2022
Submitted By Sue Barry **Authorized Signature** 
Email Address:  **Phone #:** 

Please attach any supporting documentation for consideration. Submission should be in PDF Format.

Project/Item Description	The project partners (Lititz, Warwick, & LRWA) respectfully request ARPA funds to conduct upgrades and repairs to the regional sewer interceptor, replace the culvert over Lititz Run and relocate the interceptor from under it, and restore and enhance the streambank after construction.
Clearly state the amount being requested. What is the total cost? How was the cost derived?	A total of \$1,384,000 is requested between the three partners for an estimated \$1,730,000 project. These costs include relocating the regional sewer interceptor out of Lititz Run and upsizing the line to accommodate future growth (\$770,000), replacing the culvert over Lititz Run (\$350,000) and the necessary reroute of the interceptor from immediately under the culvert (\$140,000). The remaining funds would be used to eliminate infiltration into the remaining portions of the interceptor through lining (\$240,000), reestablishing access to the interceptor where brick manholes have become buried in the floodplain (\$170,000), and the restoration of the Lititz Run streambank in the corridor for ecological and stormwater benefits (\$60,000). These costs have been determined by our respective engineers.
Which County ARPA Community-wide Benefit(s) does the project meet?	Infrastructure & Clean Water Initiatives
Briefly explain how the project meets the County's guidelines.	This project is focused on maintaining and upgrading existing critical infrastructure (Regional sewer interceptor, culvert) and continuing the restoration and enhancement of Lititz Run. The elimination of infiltration and upsizing the interceptor ensures that the region will have adequate sewer capacity for future growth without the need to expand the existing sewer plant. The clean water benefits gained from the restoration will be applied to requirements of the regional MS4 permit.
Why should this project be a priority and how will it help the County? Also, if this application is for more than one project, please identify each one, provide information and rank them in order of your priority.	These sewer upgrades would ensure adequate sewer capacity for future growth in the Lititz-Warwick Region for decades to come. This joint approach to the projects would only be feasible with ARPA funding. The replacement of the culvert is the most time sensitive item with Warwick Township planning on beginning the replacement in 2023. With that replacement a portion of the interceptor would need to be replaced and rerouted away from the bridge. With any replacement increasing the capacity of the pipe is a nominal expense. LRWA was also looking to perform the streambank work in 2023 to comply with regional MS4 requirements. The Borough's interceptor repairs and upgrades were planned to be implemented over ten years, however ARPA funding would enable the projects to be performed in conjunction. This would ensure that the interceptor could be moved from the stream prior to the restoration and in sequence with the relocation associated with the culvert. Without ARPA funding the Borough would focus on smaller incremental improvements to the interceptor, but any upgrade and relocation of the line would destroy the streambank restoration in order to relocate the line at a later date. Such a relocation could be more difficult to permit/mitigate as the restoration becomes established and water quality continues to improve.
Will this project require ongoing expense (maintenance, updates) or frequent replacement? Are expenses already being incurred, if so, can they be reduced through this project?	The projects the partners are seeking to provide upgrades to a 70 year old sewer line and a nearly 50 year old culvert. It is expected that these projects will last for at least as long with typical maintenance. The streambank restoration is expected to become a self-perpetuating improvement. Major ongoing expenses are not anticipated. The Borough and Township have both incurred design costs for these projects.
Project Timeline – start to finish, and when funding will be needed.	Once funding is received, the partners can begin work to ensure the projects go out to bid in 2023. If awarded the partners fully expect work could be completed by the end of 2024.
Are other organizations part of this project? If yes, please list them and their role, including funding. If not, explain why.	Lititz Borough -- Sewer interceptor upgrades identified in Study. -- \$236,000 match Warwick Township - Lititz Run Road Culvert Replacement and sewer reroute -- \$98,000 match LRWA - Streambank restoration -- Lititz & Warwick is splitting the match -- \$6,000 each
ARPA Committee Comments	
ARPA Committee Recommendation	
Funding Amount Recommended (if recommended for approval)	\$