

County of Lancaster Request for ARPA Funding

Organization East Cocalico Township Date 08/18/2022

Submitted By Judith R. Lumis / Kenneth D. McCrea Authorized Signature *Judith Lumis*

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

Project/Item Description	Replacement of two roadway stream crossings reducing hazards from roadway flooding. See attached pictures and descriptions. The increased frequency of severe storms in recent years has resulted in additional roadway flooding events. This trend will likely continue and infrastructure changes are needed to mitigate them.												
Clearly state the amount being requested. What is the total cost? How as the cost derived? [Construction cost estimates by Rettew, 7/20/2022]	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Hill Road Box Culvert</td> <td style="width: 30%;">Total Cost \$296,300 Requested Funding (50%)</td> <td style="width: 30%;">\$148,150 (First Priority)</td> </tr> <tr> <td>White Oak Road Box Culvert</td> <td>Total Cost \$338,400 Requested Funding (50%)</td> <td>\$169,200 (Second Priority)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total requested funding from Lancaster County ARPA funds:</td> <td style="text-align: right;">\$317,350</td> </tr> <tr> <td colspan="3">East Cocalico Township's 50% portion of the project cost (\$317,350) will be paid from our ARPA funds.</td> </tr> </table>	Hill Road Box Culvert	Total Cost \$296,300 Requested Funding (50%)	\$148,150 (First Priority)	White Oak Road Box Culvert	Total Cost \$338,400 Requested Funding (50%)	\$169,200 (Second Priority)	Total requested funding from Lancaster County ARPA funds:		\$317,350	East Cocalico Township's 50% portion of the project cost (\$317,350) will be paid from our ARPA funds.		
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Which County ARPA Community-wide Benefit(s) does the project meet?	This request meets two criteria by improving infrastructure and public safety. It will reduce hazards from stormwater flooded roadways since motorists driving through flooded areas risk their lives as well as those of rescuers. These roadways are used by residents, businesses, emergency vehicles, and school buses accessing major highways, including PA Routes 897 and 272.												
Briefly explain how the project meets the County's guidelines.	After completion, these projects will not have additional ongoing expenses other than normal maintenance which should be reduced. We believe the projects will be completed well before the 12/31/2024 deadline. East Cocalico Township plans to use its own ARPA funds to pay for 50% of the projects.												
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 projects should both be a priority because of the public safety benefits of reduced flooding frequency. Also, the stream in the Hill Road area was previously restored with a riparian buffer with funding provided by a Growing Greener Grant. Every time flooding occurs, additional work is needed to restore the area. Flooding also impacts police response time, since the floodplain runs through the Police Department's driveway. Failure to complete the White Oak Road project will eventually result in the bridge being weight restricted or closed, negatively impacting traffic patterns in the area. Road closure also causes congestion on other, smaller roadways in the region. Maintaining a safe roadway network is critical in times of emergency, such as during intense storms and flooding.												
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 bridges and roadways in the project areas already require routine maintenance that is being done by Township staff. Flooding events necessitate our road crew to spend time placing barriers and warning signs. They also require cleanup after flooding, and increase overall maintenance requirements and costs. When complete, these projects will reduce the Township's maintenance costs, decrease liability exposure, and reduce the need for emergency responders to become involved in dangerous rescues.												
Project timeline - start to finish, and when funding will be needed.	Both culverts will have the same schedule. It will take 8 months to survey, design, permit through DEP, and bid them. Currently, box culverts have a 6-month lead time, so the construction would take 9 months to complete from bid opening. The township would like to start planning and design in the Fall of 2022, and begin construction in Spring 2023. Project completion would be in late 2023 or early 2024.												
Are other organizations part of this project? If yes, please list them and their role, including funding. If not, explain why.	East Cocalico Township asked West Cocalico Township to partner with us on needed projects, but they did not identify any needs. However, completion of these projects will benefit all municipalities in the Cocalico area, as well as the school district, fire departments, and EMS services because of increased roadway reliability.												

ARPA Committee Comments

ARPA Committee Recommendation

Funding Amount Recommended (if recommended for approval) \$