

Road & Bridge Department Progress Report

May 31, 2023

1. County Bridge No. 26305 Bridge Replacement (Harris Hill Road – Kingston Township)

The project involves the replacement of an existing stone arch bridge on Harris Hill Road in Kingston Township. Final design and permitting was completed. A GP-11 permit was approved by DEP for approval. A utility meeting was held at the site on April 23, 2021. Project is currently set for a Spring 2022 construction season. Tree removal for utility relocation is complete. Utility relocation is complete. Traffic counts were requested by PennDOT. A third submission of the access approval has been approved by PennDOT. *A nearby PennDOT project and a utility issue will delay the project until spring 2024.* Project is Act 13 funded.

2. County Bridge No. 54718 Bridge Replacement (Sleepy Hollow Road– Butler Township)

The project involves the replacement of an existing steel truss bridge on Sleepy Hollow Road in Butler Township. Preliminary design is currently being completed. Survey of the site to take place in July 2019. Project is currently in the design/permitting stage and scheduled for the 2021 construction season. A utility meeting was held regarding a gas main located beneath the structure. An exploration for the gas line depth occurred on October 30, 2020. The existing gas main will need to be relocated. Project is on hold pending additional funding. *It is set for a late 2024 construction season.*

3. Hanover Industrial Estates Safety Improvements Phase II (Hanover Township)

The project involves installation of new bituminous sidewalks to the newly installed bus stop shelters from business driveways along New Commerce Blvd, Lasely Road and Stewart Street in Hanover Township. The project design is complete. Phase II will go out for bid in the next few months pending PennDOT approval. A reimbursable agreement with PennDOT is approved. The agreement is in place and awaiting final approval from PennDOT for bidding. This is an ARC funded project. Environmental Clearance was required by PennDOT for this project and was submitted for review on November 10, 2022. A Resolution requirement for the reimbursement agreement was approved for this project with PennDOT. *Project expected to be bid in July 2023. Final bidding approval is pending from PennDOT.*

4. County Bridge No. 26307 Bridge Replacement (Hillside Road – Kingston Township)

The project involves the replacement of an existing bridge on Hillside Road in Kingston Township. A Scope Clarification meeting was held on October 8, 2020. PennDOT has approved the project scope. An agreement was set up in ECMS between the County and the design consultant. PennDOT has approved the consultant design agreement. Design work is currently taking place and on schedule. A constructability review meeting was held with PennDOT on January 4, 2023 to discuss the proposed detour. TS&L and Hydraulic approval are pending. Traffic Control and Scoping Design have been submitted to PennDOT. Project is set for 2026 construction season.

5. County Bridge No. 57311 Bridge Rehabilitation Project (Kisenwether Road – Sugarloaf Twp)

The project consists of a superstructure replacement of an existing bridge on Kisenwether Road in Sugarloaf Township. This is an approved Act 89 Fund project. Design and permitting are completed and approved. The project will be bid out when all funding is in place. Utility meeting took place on February 15, 2023. *Tree removal and temporary utility pole required prior to construction has been completed. Final utility relocation is pending. Project will go out to bid in late summer 2023.*

6. County Road 16 Paving Project (Hillside Road – Kingston/Jackson Townships)

The project involves the resurfacing and base repair of Hillside Road. The project is currently in design. This is an MPO funded project. The project received a design exception approval from PennDOT. The project will go out to bid in the Spring 2023 through PennDOT's ECMS program. A reimbursement agreement with PennDOT has been finalized. *The final PS&E package was submitted and approved by PennDOT. The let date for this project was April 27, 2023. Construction documents are being finalized. A per-construction meeting is set for June 14, 2023. A construction schedule is to be discussed at that time.*

7. County Road 40 Paving and Bike Lane Project (West County Road – Sugarloaf Township)

The project involves base repair, mill/overlay and constructed bike lanes along West County Road in Sugarloaf Township. The project is currently in design. This is a PennDOT Multimodal Grant funded project. A reimbursement agreement with PennDOT is required prior to bidding. *Project should go out to bid in July 2023. Construction is expected in August of 2023.* The project is currently waiting for the reimbursable agreement to be signed by PennDOT.

8. County Bridge No. 00004 Water Street Bridge (Pittston City/West Pittston Borough)

The bridge is currently closed to traffic after a bent eye-bar was discovered during the 2021 Interim Inspection. PennDOT, the County's consultant (Pennoni) and the County decided it was in the best interest of public safety to close the structure. PennDOT is currently conducting a study to determine how the Water Street Bridge fits into the replacement/rehabilitation of their nearby bridge (Fort Jenkins). The PennDOT study involves the evaluation of the Water Street Bridge to determine if replacement, rehabilitation or removal is necessary. The evaluation took place over the last few months of 2021. A load rating report and evaluation was completed. At that time, a meeting was held with PennDOT, PennDOT's consultant (McTish, Kunkel and Associates), Pennoni and the County. PennDOT's consultant and PennDOT deferred responsibility to the County's consultant due to the fact that their evaluation was limited in its scope. We were told that all of the center span pins were not cleaned/inspected. A request for a proposal to complete the additional study/inspection was given to Pennoni. A proposal was provided to the County on January 13, 2022. The County received additional proposals from other PennDOT qualified bridge inspection firms. No action was taken by the County. *A new inspection proposal was submitted to Council and approved. The Larson Group will be submitting an agreement to complete the inspection. A review of the PennDOT Study recommendations took place on February 25, 2022. An agreement with PennDOT is in front of County Council for approval. The County's contribution of funding would be 5% of the total cost of design and construction of the Water Street Bridge. A special inspection took place and a final report was received in November 2022. The report was submitted to PennDOT for review and approval. PennDOT has requested additional*

information for the inspection consultant. The bridge re-opening is dependent on PennDOT approval. PennDOT issued a letter to the County expressing concerns and conditions which would have to be met prior to opening. The comments and concerns are currently being looked at by the County's consultant. A response and cost estimate was submitted County Council approval. A comment review meeting with PennDOT held on April 10, 2023. PennDOT determined to keep the bridge closed. *Construction for the replacement structure is estimated to start in 2026.*

9. County Bridge No. 17406 Bridge Replacement Project (Belles Hill Road – Union Township)

The project involves the replacement of an existing concrete slab bridge with a pre-cast box culvert. The permitting for the project has been submitted and we are waiting on final DEP approval. This project and will be grouped with other Union Township bridge projects. The design is ongoing. The project is expected to be completed at the end of the 2023 construction season.

10. County Bridge Project (Bridge Group 2) – Union Township

The project consists of rehabilitation or replacement of four (4) bridges in Union Township. This is an approved CDBG Infrastructure project. Environmental clearance is currently pending. Permitting approval is pending. The project is to be completed in the 2024 construction season.

11. County Road 63 Re-Surfacing Project (Sweet Valley Road – Ross Township)

The project involves base repair, mill/overlay and drainage improvements on Sweet Valley Road in Ross Township. The project is currently in design. This project was funded by ARPA monies. It is now being funded through a Highway Infrastructure Program Appropriation Act. This change will affect the project design and submission process. The project completion date will be pushed out until 2024.

12. County Drainage Improvements – Crestwood Industrial Park (Wright Township) & various other County Road locations

The project involves major drainage improvements in Wright Township to the following County Roads; Church, Crestwood, Elmwood, Oak Hill and William Sword. The design and survey are currently taking place. This is an ARPA funded project. Construction is expected to start in 2024. *Several other drainage improvements on various County Roads have been identified and are being evaluate for improvements. The locations will be grouped together and packaged for bidding later this construction season.*

13. County Road 28 Mec-Edge Project (St Marys Road – Dorrance/Hollenback Townships)

The project involves base repair improvements on St Marys Road in Dorrance and Hollenback Townships. The project has been awarded to Pennsy Supply. This is a liquid fuels funded project. The project is complete. An addendum was added to complete a section of Hobbie Road in Hollenback Township. With limited funding, some sections of St Marys Road were not completed. The contractor is going to hold his cost with agreed upon escalation to perform the remaining contract quantity in 2023 when additional funding is available. *Budget & Finance Department is looking into the funding discussed during the 2023 Budget Process.*

14. County Bridge No. 46602 Bridge Replacement Project (Stout Road – Nescopeck Township)

The project involves the replacement of an old concrete slab bridge with a pre-fab concrete arch. Design and permitting was completed and the project was bid out. Sikora Brothers was the low bidder. A pre-construction meeting was held on April 26, 2023. *Completion of the project has been pushed out until the Spring 2024. The pre-cast wingwall fabrication is expected to be supplied in late 2023.*

15. County Bridge No. 54501 Bridge Replacement Project (Chicks Lane – Black Creek Township)

The project involves the replacement of an old stone masonry arch bridge with a pre-fab concrete arch. Design and permitting are pending. A Right of Way issue with a property owner must be resolved prior to construction. *The County is proceeding with a condemnation from the one property owner.* Completion of the project is expected by the end of 2024.

16. County Bridge No. 46014 Bridge Replacement Project (Cherry Hill Road – Huntington Township)

The project involves the replacement of concrete culvert with an aluminized corrugated metal arch. Design and permitting are pending. Completion of the project is expected by the end of 2024.

17. County Bridge No. 00002 Broadway Street Bridge (Nanticoke City/Plymouth Township)

The bridge is currently load posted at 15 Tons. An application was submitted and approved by the Luzerne County Redevelopment Authority and the Commonwealth Financing Authority for the replacement of the existing 2072 ft span bridge. The structure is a combination of a Pre-stressed concrete spread box beam and a Steel Truss. PennDOT has recommended that the County complete the design and bidding on the local level. No PennDOT involvement was determined. The project design is to be completed by the County's contracted bridge consultant which was PennDOT selected. A proposal for preliminary design/TSL has been approved by the Redevelopment Authority. The preliminary design/TSL is currently being worked on by the approved consultant. Options are expected by the Fall 2023.

18. County Bridge No. 47111 Bridge Replacement Project (Beach Grove Road – Salem Township)

The project involves the replacement of concrete slab with an aluminized corrugated metal arch. Design and permitting are pending. *Right-of-Way clearance is pending.* Completion of the project is expected by the end of 2024.

19. County Bridge No. 36901 Bridge Replacement Project (Heslop Road – Rice Township)

The project involves the replacement of an existing damaged masonry arch culvert with a pre-fabricated concrete arch culvert. The existing bridge was damaged in the Fall of 2021 due to Tropical Storm Ida. A temporary fix was put in place soon after the event. Two lengths of 48" HDP pipes were placed under the existing masonry arch, rock protection was placed and either end of the culvert and the damaged areas were filled. The County applied for replacement funding through FEMA. The process is involved and is currently awaiting final approval from FEMA. The application is in the Historic Review Phase. The DEP Permit has

been approved. *This project was bid out on May 12, 2023. Sikora Brothers was the low bidder. Contract Documents are being finalized at this time.* Completion of the project is expected by the end of 2023.

20. County Bridge No. 26122 Bridge Repair Project (Newhart Road – Jackson Township)

The project involves the repair or replacement of concrete slab for County Bridge No. 26122. Design and permitting are being developed. The project may consist of a full replacement pending design investigation. An emergency DEP permit was approved for the temporary bypass while the bridge replacement design progresses. Adjacent property owners have agreed to a temporary bypass for stream diversion. A bid will go out for the temporary by-pass in order to progress the process of the superstructure replacement. *A final Right-of-Way plan is being submitted to the property owners for final signatures.*

21. County Road 65 Paving and Bike Lane Project (Broadway Road – Ross Township)

The project involves base repair, mill/overlay and constructed bike lanes along Broadway Road in Ross Township. The project is currently in design. This is a PennDOT Multimodal Grant funded project. A reimbursement agreement with PennDOT is required prior to bidding. Project will go out to bid in early 2024. Construction is expected in July of 2024.

22. County Bridge No. 17003 Bridge Superstructure Replacement Project (Patla Road – Ross Township)

The project involves the superstructure replacement of concrete adjacent box beam bridge. Design and permitting are being developed. The project is expected to be completed in 2025.

23. County Bridge No. 22001 Bridge Repair Project (Laflin Borough)

The project involves the repair and restoration of rock protection and guiderail for County Bridge No. 22201 in Laflin Borough. A scope of work is being developed. The project is being funded by FEMA since the damage occurred during Tropical Storm Ida in 2021. Project is expected to be completed in the Summer 2023.

Budget Planning for 2024

New Plow Trucks

Funding needed for Priority Road List Re-surfacing Projects

District Shed repairs for all 5 locations

Road & Bridge Warehouse/Garage repairs/restoration