INFRASTRUCTURE ADVISORY COMMITTEE

Thursday, December 1, 2022 – 3:00 PM

ARTHUR CAMPBELL ROOM

AGENDA

Call to Order

Approval of Minutes- November 3, 2022 Meeting

Opening comments to the Infrastructure Advisory Committee- ***Wayne Craig, Committee Chairman***

Update on Sanitary Sewer ES (SSES) - ***Michael Surrett, Director Public Works***

Update on ARPA Funded Projects- ***Kevin Worley, Project Manager***

Discussion on Creeper Trail Trestle #4 – ***Kevin Worley, Project Manager***

Reports on Infrastructure Projects- ***See Memorandum of Progress Report***

Discussion of the January IAC Meeting- ***Wayne Craig, Committee Chairman***

Items not on the agenda

Adjournment

Infrastructure Advisory Committee — Thursday, December 1, 2022

Memorandum of Progress Report:

Project Updates:

1. East Main Street Flood Mitigation- **Priority Project**- Michael Surrett
    a. ARPA Funded Project- $4 M
    b. Survey and In-stream Inspection Work are underway.
    c. 30% Plans are being developed.
2. Creeper Trail Trestle Repairs — **Priority Project-** Kevin Worley
    a. ARPA Funded Project- $1.25 M
    b. November 4, 2022 – 95% Plans presented for review.
    c. November 12, 2022 – Permanent Easement Executed
3. Intersection of Pecan and Main Signal Light- **Priority Project-** Michael Surrett
    a. VDOT Urban Maintenance Funded Project
    b. Intersection is now listed on VDOT Smart Scale project for upgrades and signalization changes.
    c. Nothing new to report.
4. Sanitary Sewer ES Update- Michael Surrett
    a. The Lane Group will present at December to Town Council Meeting.
    b. The Lane Group will develop construction documents for review following Council Presentation.
5. Wolf Creek Water Reclamation Facility
    a. The Lane Group engaged through Task Order to conduct Preliminary Engineering Report (PER) for the wastewater treatment plant.
    b. The Lane Group estimates delivery of the PER March 2023.
6. I/I Program Update- Chris Pritt
    a. The Lane Group currently working on SSES work for the Town.
7. East Main Street Sidewalk, Smart Scale — Kevin Worley
    a. VDOT Smart Scale Project- $171,000
    b. November 15, 2022 – 90% Revised plans.
8. Asphalt Resurfacing— Michael Surrett
    a. VDOT State of Good Repair Program award from VDOT for **$1.112 M** for three road sections.
    b. East Main Street, Jonesboro Road agreements executed.
    c. West Main Street Completed
9. Bridge and Culvert Repairs- Kevin Worley
    a. Project moved to spring 2023.
10. Park Street Right Way Acquisition- Kevin Worley
    a. VDOT Urban Project Funds- $1.7 M
    b. ROW acquisition and negotiations continues by 3B for property and construction easements. Estimated completion December 2022
    c. November 21, 2022 - Options have been secured on 37 of the 51 parcels.
    d. Meeting with Thompson and Litton to revise scope of services and project deliverables to coincide with amount of funding balance for the project.

11. Exit 19 Force Main Project – Michael Surrett
    a. Project is at 100% Plans and awaiting dates to advertise.
    b. October 28, 2022 - Application submitted to DEQ for available ARPA funds.
    c. Nothing new to report.
12. Splash Pad- Kevin Worley
    a. Water testing and winterization completed. Need to install pressure reducer inline prior to April start up.
    b. Grounds crew prepping site with topsoil and making it ready for spring 2023 opening.
    c. Additional sidewalk sections to be install by spring 2023
13. Valley Street Traffic Calming- Michael Surrett
    a. Plans to be presented to HPRB as an informational presentation since this will take place in the historic district.
14. Sidewalk Projects- Public Works
    a. Staff are currently formalizing the list of proposed projects to include concrete walks, brick on sand and brick on concrete. Once the list is finalized, the staff will develop preliminary cost estimates to determine funding allocations. Project will go out for bids to select a contractor.
    b. Project for spring 2023
15. VDOT Systemic Safety Initiatives – Highway Safety Improvement Program (HSIP) Funding
    a. Combined team effort to identify, gather data and complete applications for 3 potential projects for the Town of Abingdon.
        i High Visibility Signal Backplates
        ii Curve Delineation
        iii Flashing Yellow Arrow
    b. Applications submitted October 31, 2022.
    c. Project Estimate – $1.5 M
16. Town Creek Sewer Project
    a. October 25, 2022 – Conversation with Rand Beckner with Mattern and Craig to engage their firm in moving the project forward and developing DEQ ARPA Application to fund the project.
    b. October 28, 2022 – Application submitted to DEQ for available ARPA funds.
    c. Nothing new to report.

INFRASTRUCTURE ADVISORY COMMITTEE
THURSDAY, NOVEMBER 3, 2022 – 3:00 pm
ARTHUR CAMPBELL ROOM – MUNICIPAL BUILDING

A meeting of the Infrastructure Advisory Committee was held on Thursday, November 3, 2022, at 3:00 pm in Arthur Campbell room in the Municipal Building.

MEMBERS PRESENT: Wayne Craig, Chair
Vice Mayor Donna Quetsch
Janet Woolwine
Charlene Turhlik
Charlie Fugate
Michael Surrett, Director of Public Works

MEMBER(S) ABSENT:

STAFF: Kevin Worley, Project Manager
Nancy Head, Secretary of IAC
Megan Irwin, Contract Administrator
Michael Cochran, Town Manager
Mayana Rice, Community Development Director

1. Call to Order: Mr. Wayne Craig, Committee Chairman.

2. Approval of minutes:
   - September 1, 2022

On motion of Ms. Charlene Thurlick, seconded by Michael Surrett, approved the August 4, 2022 minutes were approved as submitted.

Minutes were approved unanimously.

3. Mr. Matthew Lane was present at the meeting and provided a memorandum, regarding the Comprehensive Sewer Phase 1 Project Update. (a copy has been provided in the minutes.)
   - Phase 1 consists of Whites Mill Road area.
   - Mark Osborne with the Lane Group provided a presentation, about the phase 1 area.

4. Reports on Infrastructure Projects- ***See Memorandum of Progress Report***

   - E. Main St. Flood Mitigation

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- All paperwork has been received; we are waiting on survey work to compose a report.

- Creeper Trail Trestle Repairs
  - ARPA Funded Project- $1.25 M
  - August 22, 2022 – Survey work began onsite with Thompson and Litton.
  - August 23, 2022 – Civil work began onsite with The Lane Group.

- E. Main St. Sidewalk, Smart Scale
  - VDOT Smart Scale Project- $171,000
  - Working with AMT on preliminary design and scheduling of survey crew.
  - August 23, 2022 – Project still on track. Survey work completed. PE work on track. Setting up meeting with AMT to discuss bid documents.

5. Report on E. Main Street Force Main- ***Michael Surrett, Director Public Works***

- Matthew Lane provided an update on this in his presentation.
- Project is at 100% Plans and awaiting dates to advertise.
- Project will be submitted through DEQ ARPA funding application program. October 15, 2022 is the submission deadline.
- August 25, 2022, Task Order executed with Mattern & Craig for application assistance for the DEQ ARPA application.
- Meetings have been scheduled with RK&K to review the data.

6. Report on Park St. Right of Way Acquisition- ***Kevin Worley, Public Works Project Manager***

- VDOT Urban Project Funds- $1.7 M
- ROW acquisition and negotiations continues by 3B for property and construction easements. Estimated completion December 2022
- Options have been secured on 31 of the 51 parcels.
- August 22, 2022 – Amended contract with Thompson and Litton for additional services on the R/W Phase of the project. Original contract deliverables were satisfied in September 2021.
- A meeting is scheduled with Thompson and Litton on Sept 2, 2022, to discuss further.

7. Report on Valley Street Traffic Study- ***Kevin Worley, Public Works Project Manager***

- August 25, 2022 - Task Order executed with RK&K for Valley Street Traffic Calming Study.
- September 8, 2022 – Additional information and data supplied to RK&K from previous studies and reports.
- October 12, 2022 – R, K & K presented findings and suggestions for Valley Street.

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- October 13, 2022 – Meeting with Town Manager and Police Chief to present findings and suggestions. Recommendations were sent back to R,K&K to develop plats showing initiatives. For consideration; long line retroreflective thermoplastic stripping for on-street parking, retroreflective thermoplastic stripping for crosswalks, retroreflective centerline stripping, developing bump outs for 2 of the crosswalks and 2 to 4 illuminated radar feedback speed limits signs.
- October 26, 2022 – Virtual meeting with R,K&K to present updated plan concepts for developing project sketches and estimates for presentation. Plans will also be presented to HPRB as an informational presentation since this will take place in the historic district.

8. Discussion regarding VDOT HSIP (Highway Safety Improvement Program) - ***Michael Surrett, Director Public Works***

- Combined team effort to identify, gather data and complete applications for 3 potential projects for the Town of Abingdon.
    - High Visibility Signal Back plates
    - Curve Delineation
    - Flashing Yellow Arrow
- Applications are due October 31, 2022. We are using the services of Kimley Horn to finalize our applications and provide additional support documentation for the projects.
- Project Estimate – $1.5 M

9. Items not on the agenda.
    - A discussion ensued about increased foot traffic on Green Springs Rd. No resolution was discussed.

Meeting was adjourned.

Approved: _____

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MEMORANDUM

To: Town of Abingdon – Infrastructure Advisory Committee

From: Matthew R. Lane, P.E., Project Manager

Date: November 3, 2022

RE: COMPREHENSIVE SEWER PHASE 1 PROJECT UPDATE

This memo is to update the Infrastructure Advisory Committee on the status of the referenced project.

Project Description: In 2021, the Town of Abingdon was awarded funding from the Department of Environmental Quality (DEQ) Southwest Virginia Pilot Program for the completion of a Sewer System Evaluation Survey (SSES) to evaluate four meter sheds within the Town's sewer system: Lowry Drive, Blacks Fort Lane, East Valley Street-Walden Road, and Exit 19. CHA completed the SSES, which identified two phases of proposed sewer system work. The Phase 1 Opinion of Probable Cost is $3,314,000. The Phase 2 Opinion of Probable cost is $6,188,000. The SSES was submitted to the DEQ along with a funding application for monies from the Pilot Program. The Town was recently notified by the DEQ that the Phase 1 project would be funded in full, including 75% loan forgiveness. The Town has procured The Lane Group (TLG) to complete the Phase 1 project.

The SSES generally estimated the type of necessary rehabilitation methods and the associated quantities. The Phase 1 project included additional system smoke testing, flow monitoring, and CCTV inspection to be utilized in refining the scope of the design work.

Project Progress: The following tasks have been completed during the previous month.

- Smoke Testing – Completed
- Flow Monitoring – Completed
- CCTV Inspection – Completed
- Define Phase 1 Scope of Work – Using the data collected, we have developed the proposed Phase 1 scope of work and will review our recommendations at today's meeting.

Upcoming Tasks: The following task is scheduled for this month.

- Obtain approval of the Phase 1 scope of work from the Town and the DEQ and proceed with the development of design documents.

We appreciate the opportunity to serve the Town of Abingdon!

END MEMORANDUM

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Town of Abingdon – Sewer System Funding Breakdown

Phase 1 – Lowry Drive, Blacks Fort Lane East Interceptor, East Valley Street-Walden Road Collector, and Exit 19 Collector Meter Sheds Sewer System Rehabilitation Project

- Total Project Cost - $3,314,000
  - Funding application submitted to DEQ in 2021 for the Southwest Virginia Pilot Program – Step 2 program.
  - Funding secured in 2022 with 75% ($2,485,500) grant and 25% ($828,500) loan from DEQ.
- Project currently under design by The Lane Group. Estimated construction start date – July 2023.

Phase 2 – Lowry Drive, Blacks Fort Lane East Interceptor, East Valley Street-Walden Road Collector, and Exit 19 Collector Meter Sheds Sewer System Rehabilitation Project

- Total Project Cost - $6,188,000
  - Funding application submitted to DEQ in 2022 for the Southwest Virginia Pilot Program – Step 2 program.
  - Funding Offer Pending – May 2023
- Estimated design start date – July 2023.
- Estimated construction start date – February 2024

Town Creek Interceptor Replacement Project

- Total Project Cost - $1,899,325
  - Funding application submitted to DEQ in 2022 for the Sewer Collection System (SCS) ARPA Program
  - Funding Offer Determination – May 2023
- Project has been designed by Mattern & Craig
- Estimated construction start date – October 2023

Exit 19 Force Main Relocation Project

- Total Project Cost - $519,655
  - Funding application submitted to DEQ in 2022 for the Sewer Collection System (SCS) ARPA Program
  - Funding Offer Determination – May 2023
- Project has been designed by Mattern & Craig
- Estimated construction start date – October 2023

Request that the Town budget $100,000 next year for the completion of a SSES on another area of the sewer system. Funding opportunities are available that may offset some or all of that amount.