

TSPIOST 2023 Project 1 Winterville Storm Drainage Improvements Project Proposed Project Concept

MAYOR & COMMISSION WORK SESSION

January 9, 2024

Presented by:

- J. Derek Doster, TSPIOST Project Administrator
- Mike Kajder, TSPIOST Project Administrator
- Rob MacPherson, VP Prime Engineering Inc.

Presentation Purpose and Agenda

Purpose: To present the Proposed Project Concept for the Winterville Storm Drainage Improvements Project to improve storm drainage infrastructure and reduce flooding on and around Main Street in Winterville, Georgia.

- Project History
- Initial Project Statement (reference only)
- Proposed Concept Design
- Budget Summary
- Next Steps
- Questions & Comments

Project History

- On May 24, 2022, the voters of Athens-Clarke County approved a referendum for the TSPLOST 2023 Program, which included Project #1 - Winterville Storm Drainage Improvements project.
- On October 4, 2022 Mayor and Commission approved the TSPLOST 2023 Tier Funding Schedule. The Schedule was modified by a NOPAA on February 27, 2023.
- On May 26, 2023 TSPLOST held a project kick-off meeting with the User Group.
- On September 14, 2023, the User Group selected Prime Engineering, from one of the on-call designers, as the design professional for this project.
- On September 28, 2023 the User Group walked the project area with the User Group and design team reviewing known existing problems and discussing potential corrective actions.
- On December 14, 2023 the User Group reviewed the Proposed Project Concept and recommended proceeding to M&C approval.
- On January 2, 2024 the Proposed Project Concept was presented at the Winterville City Council for informational purposes.

TSPL0ST 2023 Project 1

Initial Project Statement

Project 1, Winterville Storm Drainage Improvements Project,

will provide for capital improvements for the repair, upgrade, and/or replacement of failed or failing stormwater pipes within the transportation related stormwater systems on or in the vicinity of Main Street in Winterville. Depending upon actual costs and funding availability, the improvements may include, but are not limited to, stormwater improvements such as: addition of inlets, repair or replacement of curb and gutter, additional piping, and/or any necessary repair and repaving associated with the improvements. To the extent allowed by law, budgeted project funds may be used as matching funds for leveraging grant opportunities. Additionally, to the extent allowed by law, other funding sources, including, but not limited to, grants, may be utilized to offset and/or reduce the project budget. Any unspent project funds that accrue as a result of the receipt of grants or other funding sources may be assigned to other approved TSPL0ST projects.

Proposed Project Concept Components

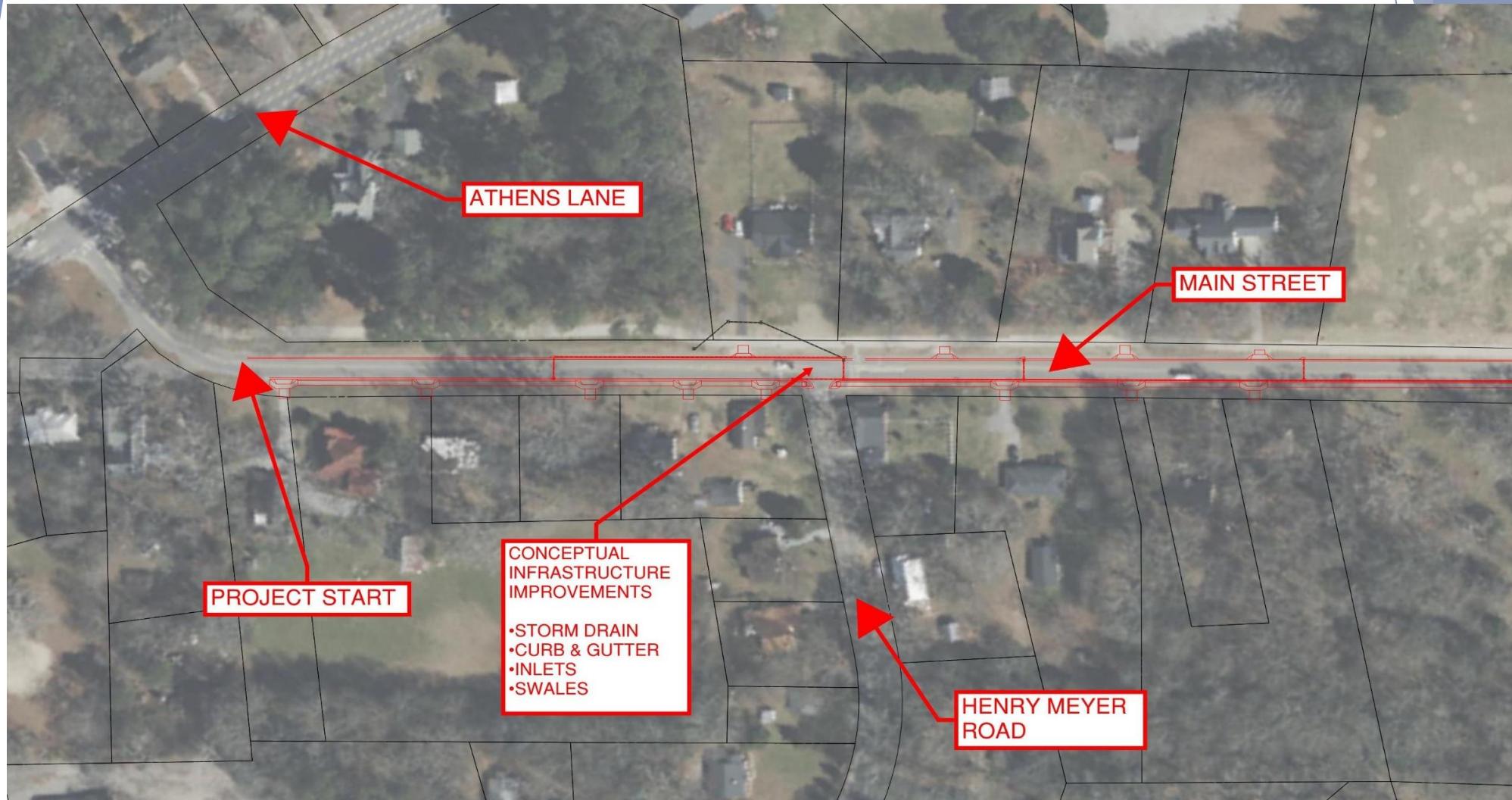
Improve Storm Drainage Infrastructure along Main Street

- Repair, upgrade and/or replacement of failed, failing or undersized pipes, inlets and other conveyance measures.
- Replace and improve curb and gutter to insure proper drainage.
- Upgrade or add additional inlets to handle existing and proposed conditions.
- Clear, reshape and grade existing ditches and swales as necessary.
- Repair or replace necessary storm drain infrastructure down stream of Main Street to ensure a properly functioning storm conveyance system.
- Install driveway aprons where necessary to prevent runoff from exiting the roadway via existing driveways.
- Replace or repair sidewalk and paving associated with the improvements.

Proposed Concept Design - Overall Plan



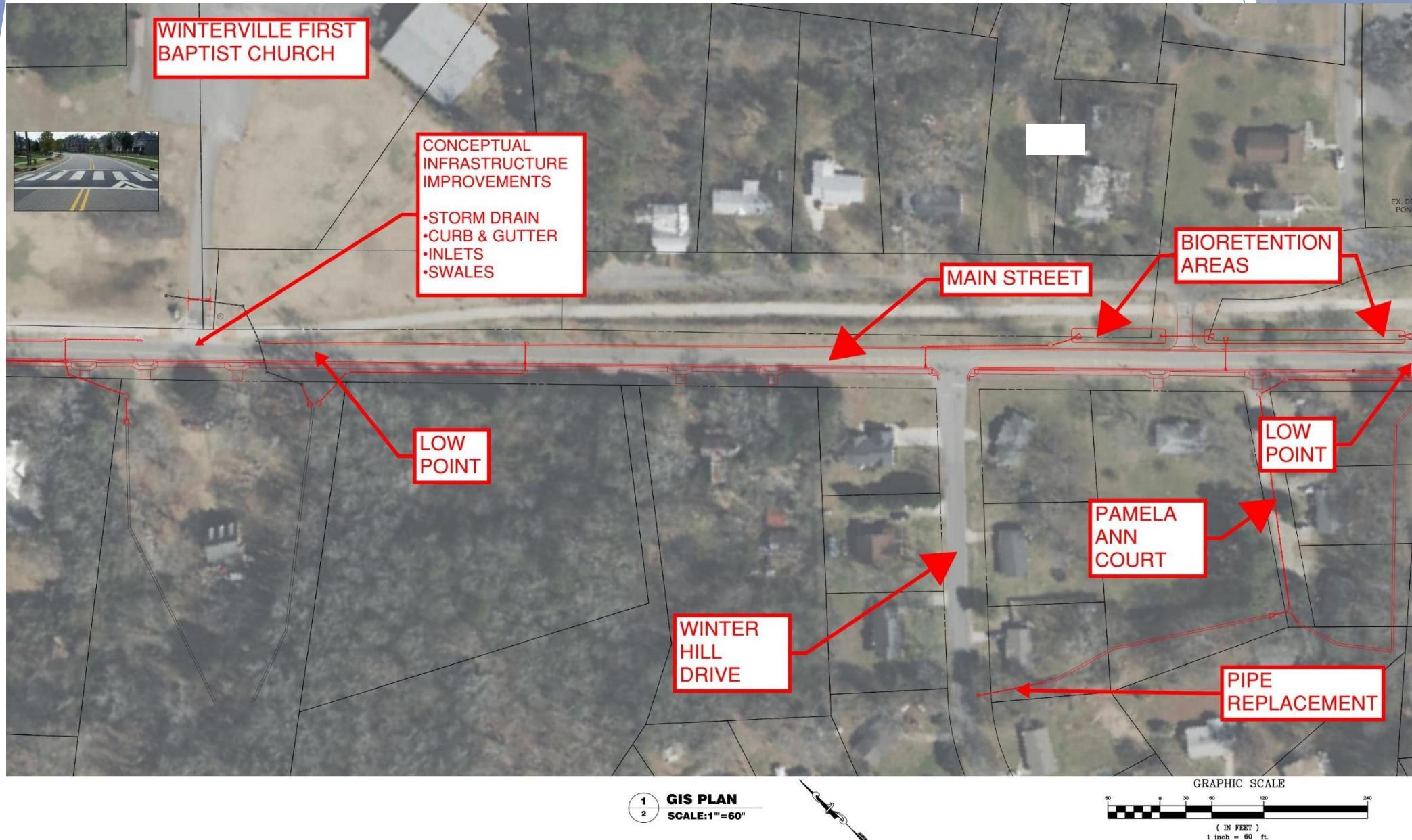
Proposed Concept Design - Enlarged Site Project Area



1
1
GIS PLAN
SCALE: 1" = 60"

GRAPHIC SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft

Proposed Concept Design - Enlarged Site Project Area



Proposed Concept Design - Enlarged Site Project Area



1
3
GIS PLAN
SCALE: 1" = 60'



GRAPHIC SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.

Winterville Storm Drainage Improvement Project- Concept Design Budget

REVENUES:

\$ 2,712,000 TSPLOST 2023 Project 1

\$ 2,712,000 Total Project Revenue

EXPENSES:

\$ 182,750 Expensed or Encumbered

\$ 50,000 Designated Land/Easement Acquisition

\$ 53,601 Designated for Design

\$ 373,649 Designated for Misc., Project Management, Contingency

\$ 54,000 Designated for Testing

\$ 18,000 Designated for Public Art

\$ 1,980,000 Available for Construction/Construction Contingency

\$ 2,261,200 Engineer's Estimate for Construction/Construction Contingency

Next Steps & Project Schedule

- TSPLOST Oversight Committee January 22, 2024
- Concept Design Approval for M&C Consideration February 6, 2024
- Preliminary Design & Proposed Phasing Approval for M&C Consideration May/June 2024
- Final Design, Permitting & Land Acquisition September/October 2024
- Bidding and Contractor Award December 2024
- Start Project Construction Phase Spring 2025
- Construction Completion Spring 2026

Questions?