

***CORRECTIVE ACTION
(QUARTERLY PROGRESS REPORT)***

FOR

***SANITARY SEWER COLLECTION
SYSTEM***

TO SERVE THE

***CITY OF YELLVILLE
MARION COUNTY, ARKANSAS***

DECEMBER 2022



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ENGINEERING SERVICES, INC.

1207 SOUTH OLD MISSOURI ROAD • P. O. BOX 282 • SPRINGDALE, ARKANSAS 72765
(479) 751-8733 • (479) 751-8746 FAX • www.engineeringservices.com

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1. GENERAL OVERVIEW

INTRODUCTION

In February of 2019, Engineering Services, Inc. prepared a Corrective Action Plan (CAP) on behalf of The City of Yellville. The purpose of the CAP was to create a plan for evaluating the sanitary sewer system with the goal of recommending improvements necessary to mitigate the system defects that result in sanitary sewer overflows (SSOs). The CAP was prepared at the request of the Water Division Enforcement Branch of the Arkansas Department of Environmental Quality (ADEQ). This request was made by ADEQ due to a series of SSOs as documented in its letter dated January 23, 2019. A copy of this letter was previously included in Appendix A of the CAP.

The CAP provided an assessment of the likely causes of the effluent violations, set out detailed corrective actions for the City to evaluate the sanitary sewer collection system, and established a milestone schedule for the evaluation of the system with a reasonable expected date of final compliance.

This Quarterly Report serves to provide ADEQ with an update regarding progress made toward the goals set out in the CAP.

Since the last quarterly report, bids for the original scope of the project were opened on September 15th, 2022. The contract was awarded on October 28th, 2022, and the Notice to Proceed was executed on December 1st, 2022 for construction to start on December 12th, 2022. This is in accordance with the schedule detailed in Table 2.2, first proposed in the December 2021 quarterly progress report.

No other milestones were set for the last quarter; therefore, the project is still on schedule and in compliance with CAO LIS 21-105.

2. MILESTONE SCHEDULE

RECOMMENDED SCHEDULE

The original milestone schedule as set out in the CAP is shown in the following table.

Table 2.1
Original Milestone Schedule

| Task | Target Completion Date |
|---|------------------------|
| Visual Inspection of Manholes in Select Locations | March 2019 |
| Smoke Testing | June 2019 |
| Closed Circuit Televising | August 2019 |
| Develop Mitigation Plan | October 2019 |
| Prepare/Submit Preliminary Engineering Report to WWAC | November 2019 |
| Prepare/Submit Environmental Report | January 2020 |
| Prepare/Submit Funding Application | January 2020 |
| Prepare/Submit Draft Plans and Specifications | February 2020 |
| Prepare/Submit Final Plans and Specifications | March 2020 |
| Advertise for Bids | April 2020 |
| Open Bids | May 2020 |
| Award Contract | June 2020 |
| Start of Construction | June 2020 |
| End of Construction | March 2021 |

As mentioned in the previous quarterly report, due to the change in funding agency from USDA to ANRC, the revised Project Schedule detailed in Table 2.2 was proposed in the December Quarterly Report.

However, also noted in the previous report, steps to construct the original scope of the project were pursued due to the funding secured from AEDC. Plans and specifications for the original scope of the project were submitted to the Arkansas Health Department on April 8th, 2022 and approved on August 2nd, 2022. Construction of the original scope of the project began on December 12th, 2022.

Table 2.2
Revised Proposed Milestone Schedule

| Task | Target Completion Date |
|---|-------------------------------|
| Visual Inspection of Manholes in Select Locations | Complete |
| Smoke Testing | Complete |
| Closed Circuit Televising | Complete |
| Develop Mitigation Plan | Complete |
| Prepare/Submit Preliminary Engineering Report to WWAC | Complete |
| Prepare/Submit AEDC (CDBG) Funding Application | Complete |
| Submit Larger Scope of Project to WWAC | Complete |
| Prepare/Submit Federal Funding Application | Complete |
| Prepare/Submit Environmental Report | Complete |
| Prepare/Submit Draft Plans and Specifications | Complete |
| Prepare/Submit Final Plans and Specifications | Complete |
| Advertise for Bids | Complete |
| Open Bids | Complete |
| Award Contract | Complete |
| Start of Construction | Complete |
| End of Construction | May 2024 |

PROGRESS REPORT SCHEDULE

The quarterly progress reports have been submitted to ADEQ in accordance with the schedule set forth below.

Table 2.3
Progress Report Schedule

| Quarterly Report | Submittal Date |
|-------------------------|-----------------------|
| 1 st Quarter | December 15, 2019 |
| 2 nd Quarter | March 15, 2020 |
| 3 rd Quarter | June 15, 2020 |
| 4 th Quarter | September 15, 2020 |

Additional reports, as required, have been, and will be submitted by the 15th of the subsequent months of December, March, June, and September.

3. CORRECTIVE ACTION PROGRESS

VISUAL INSPECTION OF MANHOLES IN SELECT LOCATIONS

Completed, see December 15, 2019 quarterly report.

SMOKE TESTING

Completed, see December 15, 2019 quarterly report.

CLOSED CIRCUIT TELEVISIONING

Completed, see December 15, 2019 quarterly report.

DEVELOPMENT OF MITIGATION PLAN

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT PRELIMINARY ENGINEERING REPORT TO WWAC (FOR ORIGINAL SCOPE)

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT WWAC APPLICATION FOR REVISED PROJECT SCOPE

Completed. The WWAC application for the larger, updated project scope was submitted to the WWAC on May 14, 2021. An anticipated funding amount of \$2,390,000 was requested.

PREPARE/SUBMIT ENVIRONMENTAL REPORT

The project was determined to be Categorical Excluded from the full environmental review process.

PREPARE/SUBMIT FUNDING APPLICATIONS

The Community Development Block Grant funding application for wastewater improvements was completed and submitted to the Arkansas Economic Development Commission on March 12, 2020. Funds of \$195,800.00 through the CDBG program were originally secured in August 2020 and an additional amount of \$137,109.00 was requested and approved by AEDC in October 2022 necessary to cover unexpected expenses during construction of the project.

As mentioned previously, federal funding was pursued through ANRC instead of USDA for the larger scope of the project. A funding application for \$4,000,000 through ANRC was submitted in August 2021 but was deferred by the City, at the suggestion of ANRC, to pursue future grant opportunities through the ARPA and the Infrastructure Bill. On December 2nd, 2022, we learned this project was not recommended to receive ARPA funds, however, the City will continue to

pursue funding through ANRC's State Revolving Fund program for Infrastructure Investment and Jobs Act (IIJA) funds as well as other funding alternatives.

PREPARE/SUBMIT DRAFT PLANS AND SPECIFICATIONS

Completed. Draft plans and specifications for the original scope of the project were submitted on April 8, 2022. Comments from the Arkansas Health Department were received on April 21, 2022 and June 23, 2022.

PREPARE/SUBMIT FINAL PLANS AND SPECIFICATIONS

Completed. Arkansas Health Department approval of the plans and specifications was received on August 2, 2022.

ADVERTISE FOR BIDS

Completed. The project was advertised for bids on August 14th and August 28th.

OPEN BIDS

Completed. Bids for the project were opened on September 15th, 2022 by the City of Yellville. One bid of \$442,275.00 was received that was \$246,475.00 higher than the original project budget. This difference is likely due to increase in construction costs from the time the project was first funded to present day costs. In order to move forward with the project, the City of Yellville will provide \$165,816.00 plus a contingency of \$20,000.00, and an additional grant amount of \$137,109.00 was approved by AEDC on October 14th, 2022.

AWARD CONSTRUCTION CONTRACT

The Construction Contract was awarded on October 28th, 2022.

START OF CONSTRUCTION

Construction began on December 12th, 2022.

END OF CONSTRUCTION

Construction will be completed approximately six months after the beginning of construction.