



January 26, 2024

Mr. Fred Hawkins, P.E.
Director of Engineering and Building Services
City of Alabaster, Alabama
1953 Municipal Way
Alabaster, Alabama 35007

**Subject: Proposal for Professional Engineering Services
Sanitary Sewer Hydraulic Model
Alabaster I & I Reduction Program
City of Alabaster, Alabama**

Dear Mr. Hawkins:

Thank you for allowing InSite Engineering, LLC to present this proposal to keep assisting with Infiltration and Inflow ("I&I") Reduction Program and perform a Sanitary Sewer Hydraulic Model.

We understand the project is progressing as planned and that Phase 1 Planning is complete and being modified as needed; Phase 2 Data Gathering is ongoing and will be until such time as all the system has been completely videoed and inspected; Phase 3 Capital Improvements has completed 3 of the first 4 contracts with more upcoming.

Additionally, with upcoming growth and rehabilitations, pump station and force main projects, and to continue to help with the ongoing I & I search Phase 5 Sanitary Sewer Hydraulic Model is now necessary.

To perform this service, we request the following assistance from the City of Alabaster:

- Updated GIS shape files (Elevations, Locations)
- Available Manhole Inspections
- Assistance with obtaining Water Meter Data and Shapefiles, if required
- Obtaining Elevation Data if Not Present in Shapefiles
- Flow monitoring (when required)
- Providing Pump Station Information (curves, sizes, etc.) if not available



The fees for this service are listed below:

- | | |
|---|----------|
| ▪ Phase 2 – Annual Data Gathering / Processing / Assistance | \$32,500 |
| ▪ Phase 5 - Sanitary Sewer Model | \$82,500 |

Once completed a printout of the sewer model and calibration will be provided to the City of Alabaster for their files. We have included two pump station upgrade simulations in the above pricing.



Mr. Fred Hawkins
January 26, 2024
Page 2 of 2

As new projects for development, upgrades, rehabilitation, or future planning arise the sewer model can be utilized once the estimated flows are calculated to determine the system impact, if any, from the revision. This data is crucial in properly handling a system the size of the City of Alabasters. Additionally, it has many more beneficial uses.

This proposal for Annual Data Gathering Phase 2 (year 3) data gathering assistance, processing, and filed assistance and Phase 5 Sewer System Modeling (estimated total of \$115,5000) represents the entire understanding between The City of Alabaster and InSite Engineering, LLC in respect to the project and may only be modified in writing if signed by both of us. If you are in agreement with the scope described, you may utilize this letter as the Agreement.

To initiate our services, please sign and date in the appropriate location, keep one copy for your records, and return one to us.

We sincerely appreciate the opportunity to continue working with you on this project. If you have any questions or need any additional information, please give us a call at 205-733-9696

Sincerely,

Accepted:

InSite Engineering, LLC

A handwritten signature in black ink, appearing to read 'James M. Cassidy'.

James M. Cassidy, P.E.

By: _____

Title: _____

Date: _____