



College Street Drainage Improvements

City of Montgomery

Request: Council Authorization on January 14, 2025

This proposal is submitted pursuant to and in accordance with that certain Professional Services Agreement dated May 25, 2021, by and between Ward, Getz & Associates, LLP and the City of Montgomery (the “City”)

WGA understands the City wants to repair and replace existing storm sewer and paving along College Street and clear areas upstream and downstream of the storm sewer features. WGA recommends moving forward with the project as outlined below.

SCOPE OF WORK

- *Preliminary & Design Phase Services*
 - *WGA will create preliminary site layout and coordinate with the City for approval. This phase will include internal/external project kickoff meetings and the establishment of the design and schedule.*
 - *WGA will develop drawings and specifications for the successful construction of the drainage improvements along College Street.*
 - *WGA will develop temporary access and phasing plan for the proposed work.*
 - *WGA will coordinate with impacted property owners during the project’s construction phase.*
 - *WGA will coordinate with surveyor for project survey.*
 - *WGA will coordinate with geotechnical subconsultant for roadway improvements geotechnical report.*
 - *WGA will coordinate with Grant Works for ARPA funding applications and all required documentation.*
 - *Design changes initiated by the Client after the design is complete may result in a request for additional authorization.*

- *Bid Phase*
 - *Coordinate advertising for bids, hold a pre-bid conference, answer questions from bidders, hold bid opening, prepare bid tabulation, and prepare recommendation of award in line with required ARPA funds processes.*

- *Construction Phase*
 - *Prepare construction contracts and coordinate execution of the same.*
 - *Issue notice to proceed and hold pre-construction meeting.*
 - *Review of construction submittals and RFIs.*
 - *Preparation of pay estimates, change orders, and other associated construction documents.*
 - *General oversight and coordination of construction contracts.*
 - *Review and approval of project material submittals.*
 - *Coordinate with impacted property owners and residents.*
 - *Preparation of close documents in accordance with ARPA funding guidelines.*

- *Field Project Representation*
 - *Onsite inspection by a Field Project Representative for approximately 10 hours per week (including travel time) for the duration of the projected contract period of performance (45 calendar days).*



- *Onsite inspection by the project team throughout the duration of the project to attend periodic site visits, final walkthrough inspections, etc.*
- *Reimbursable Expenses*
 - *Includes, topographic survey construction staking, construction materials testing, advertising expenses, and other reimbursable expenses.*

ENGINEERING COST

The cost to perform the scope of services described above is as follows:

Preliminary & Design Phase -	\$27,000	(Time and Materials)
Bid Phase -	\$5,500	(Time and Materials)
Construction Administration -	\$17,000	(Time and Materials)
Field Project Representation -	\$11,000	(Time and Materials)
Reimbursable Expenses -	\$20,000	(Time and Materials)

WGA requests the Council’s authorization to proceed with the preparation of the design plans for the College Street Drainage Improvements on a lump sum, and time and materials, and time and expense basis as described above, for a total estimated cost of \$80,500.

Estimated Construction Cost is \$153,000 which includes construction plus contingency.

SCHEDULE

Authorization to Proceed	1	calendar days*
Design	90	calendar days
Bidding	30	calendar days
Contracts	21	calendar days
Construction	45	calendar days
TOTAL DURATION	187	calendar days

* If approved, the effective start date is the following business day from the date of acceptance.

Accepted by Client

Regards,

Chris Roznovsky, P.E.
Practice Leader

Signature

Printed Name and Title

Date

Preliminary Cost Estimate
City of Montgomery
College Street Rehabilitation
1/9/2025

<u>ITEM No.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>COST</u>
<u>UNIT A: SITE</u>					
1	Mobilization	1	LS	\$ 12,000	\$ 12,000
2	Site Restoration	1	LS	13,000	13,000
3	Tree Protection	1	LS	4,500	4,500
4	Asphalt Pavement Removal (Includes Subgrade)	84	SY	30	3,000
5	2.5-inch (2.5") Type D Dense Graded Hot-Mix Asphalt (SQ)	12	TON	250	3,000
6	6-inch (6") Asphalt Stabilized Base	117	SY	200	23,000
7	Cement Stabilized Sand (Assumed 6 Inches - Pending Geotech Report)	84	SY	11	900
8	Guardrail Installation	52	LF	210	10,900
9	Traffic Control, complete in place.	1	LS	10,000	10,000
10	Signage	1	LS	10,000	10,000
11	Restore existing gravel driveways to existing conditions or better	3	EA	3,500	10,500
<u>UNIT B: STORM SEWER SYSTEM</u>					
12	18" RCP Pipe	135	LF	100	13,500
13	Grade 1 18 inch (18") Rip Rap	10	SY	100	1,000
14	Clean and Reshape Ditch	500	LF	13	6,500
15	12" RCP Pipe (Replacement from existing driveway culvert)	21	LF	80	1,700
<u>UNIT C: STORM WATER POLLUTION CONTROL</u>					
16	Hydromulch Seed all areas disturbed by construction (Spec. Item 4241)	1	AC	5,000	5,000
17	Stabilized Construction Access (Spec. Item 4711)	1	EA	1,000	1,000
18	Enforcement of TPDES Requirements (Spec. Item TPDES General Requirements) and General Source Controls (Spec Item 4811). To include the maintenance of SWPPP for Duration of Paving Contract.	1	LS	3,000	3,000
19	Reinforced Filter Fabric Fence (Spec. Item 4311)	80	LF	\$ 2.50	\$ 200
Subtotal					\$ 133,000.00
Contingencies (15%)					\$ 20,000.00
Engineering					\$ 27,000.00
Bid Phase					\$ 5,500.00
Construction Administration					\$ 17,000.00
Field Project Representation					\$ 11,000.00
Reimbursable Expenses ⁽³⁾					\$ 20,000.00
TOTAL					\$ 233,500

Notes:

(1) All values rounded to the nearest hundred.

(2) This estimate is based on my best judgement as a design professional familiar with the construction industry. We cannot and do not guarantee that bids will not vary from this cost estimate.

(3) This includes geotechnical investigation, construction materials testing, review fees, reproduction, advertising expenses, and other miscellaneous reimbursable costs.



18" Reinforced Concrete Pipe

COLLEGE STREET REHABILITATION



SHEET
EXHIBIT
E



Existing driveway to be replaced

Existing gravel driveway to be replaced

Existing driveway to be replaced

Proposed 12" RCP

Proposed 12" RCP

Ditch Regrading

COLLEGE STREET REHABILITATION



SHEET
EXHIBIT
B