



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Consent Decree - Design and Engineering Services for Shoal Creek Trunk Sewer Relief Project (Multiyear Contract) Date: 10/31/2023

Contractor: Atkins North America, Inc.

Contract Number: 1296151 Contract Amendment Number: 1

Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$5,224,841.00	7/26/2022	2715	12/31/2029

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
8/5/2022	2705	12/31/2029

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	0	\$0.00
Change Order No. 2:	0	\$0.00
Change Order No. 3:	0	\$0.00

Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	Current Contract End Date:
\$5,224,841.00	2705	12/31/2029	12/31/2029

Description of Proposed Changes: Shoal Creek trunk sewer relief project is part of the consent decree and CIP project. This is the first of its kind and the most critical part of the consent decree in order to increase the sewer capacity due to growth and to minimize the SSOs. This change order is a request of additional funding of **\$1,026,561.77** to the contract in order to complete the additional scope that is being added to the contract as well any unforeseen circumstance.

Justification of Proposed Changes: The scope of this project originated in 2021 and since then the CDPMT has rerun the dynamic model and determined that an additional 3,000 LF needs to be added to the scope of work for capacity upsizing. The items associated with the proposed changes include survey, geotechnical, easement plats and legal preparation, and public outreach as described in the attached spreadsheet. In addition, the original owner controlled allowance item of \$600,000 was not sufficient when the project started. We knew that unforeseen conditions were expected for a project of this nature and that a change order would be required to account for these unforeseen conditions and the use of a 10 percent owner allowance.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
0	2705	NA	NA

Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Accured To Date:	Amount Spent To Date:
\$1,026,561.77	\$6,251,402.77	\$1,996,007.59	\$1,632,988.84

Describe Any Risk Associated With This Change: No risk.

Effect of NOT Approving This Change: Atkins will not have enough funding to complete the project as described and this is a critical part of the Consent Decree. The County could possibly be fined by the EPA for not completing the project by the deadline of 2027

Engineering Manager's Approval:

Signature:
Print Name & Date:

Watershed Director's Approval:

Signature:
Print Name & Date:

Purchasing & Contracting's Approval:

Signature:
Print Name & Date:

Chief Operating Officer's Approval:

Signature:
Print Name & Date:

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DeKalb County Department of Watershed Management
 Shoal Creek Trunk Sewer Relief Project
Change Order 1 Summary (proposed)

Register Color Match	Task	Name	Cost	Allowance Register
	1	<u>Extended Project Scope</u>		
		DWM has expanded the scope of work to include more linear feet of pipe.		
		a. Section 1 Survey and Design Services	\$ 50,296.00	6
		b. Section 3 Survey and Design Services	\$ 118,673.09	1,5
		c. Section 2 Pipeline Upgrade Design	\$ 28,108.00	8
		d. Hydraulic model revisions	\$ 30,366.00	7
		e. Section 1 and 2 Tree Survey	\$ 143,251.40	15
		f. Additional easement requirements	\$ 189,750.00	12,18,19
	2	<u>Public Information Open House Support</u>	\$ 122,297.00	4
		Requested support services associated with 2 open house events to present project to the public.		
	3	<u>Subsurface Utility Engineering Services</u>	\$ 62,820.00	3,17
		SUE services associated with the location of underground utilities at critical areas.		
	4	<u>Geotechnical Work</u>	\$ 281,000.28	10, 11
		Geotechnical work to assess subsurface conditions at selected locations and hand auger investigation at intervals along the pipeline alignment to estimate quantity of rock to be excavated.		
		Change Order Total:	\$ 1,026,561.77	
		Allowance Register Total:	\$ 1,098,039.35	
		Allowance Register minus Proposed Change Order:	\$ 71,477.58	
		D. Owner Controlled Allowance (in contract):	\$ 600,000.00	
		Allowance Balance after Change Order 1:	\$ 528,522.42	

DeKalb County Department of Watershed Management
 Shoal Creek Trunk Sewer Relief Project

Allowance Register

Date Updated: 10/11/23

No.	Name	Description	Amount
1	Section 3 Pipeline Extension - survey services	Survey services for an additional 3,700-LF of pipeline added to Section 3. Also includes survey of the Cobb-Fowler manholes location and inverts in Section 1	\$ 54,030.00
2	EDG Staking Survey	Survey for East Decatur Greenway in Section 3	\$ 4,435.00
3	Section 3 SUE	Subsurface Utility Engineering for Section 3 (Quality Levels A and B)	\$ 54,070.00
4	PIOH Support	Support for two (2) Public Information Open House meetings to present project to the public	\$ 122,297.00
5	Section 3 Pipeline Extension - design services	Design and permitting services for an additional 3,700-LF of pipeline added to Section 3.	\$ 64,643.09
6	Section 1 Pipeline Extension	Survey, design, and permitting services for Section 1 extension from station 0+00 to Snapfinger IPS	\$ 50,296.00
7	Hydraulic Modeling - Final Update	Update to hydraulic model to review and confirm project changes	\$ 30,366.00
8	Section 2 Pipeline Upsize - design services	Design services associated with increasing the pipe diameter for Section 2 from 48-in to 54-in	\$ 28,108.00
9	Geotechnical Investigation - Phase 1	Piers crossing Shoal Creek - 3 soil bores (B-5 and B-6 removed)	\$ 56,702.58
10	Geotechnical Investigation - Phase 2	Jack & Bore and Tunnels at 19 locations - 40 soil borings	\$ 170,353.48
11	Geotechnical Investigation - Phase 3	80 hand auger one every 1000 feet	\$ 110,646.80
12	Additional Easements plats and descriptions (1)	The RFP included 249 parcels requiring easements. An addition 80 parcels were identified to accommodate the extension of the pipeline by approximately 3.700-LF in Section 3.	\$ 100,000.00
13	Easement Map Revisions (1)	Surveyor costs to revise format of submitted easements that differ from the approved template.	\$ 8,340.00
14	Contingency for clearing for Geotech Work	Accura - Included in above pricing	\$ _____
15	Tree Survey for Sections 1 and 2	Tree survey and specimen identification assumed to be required for segments of Sections 1 and 2 of the project that are outside the original survey limits. Still awaiting DeKalb County arborists to confirm requirements.	\$ 143,251.40
16	Unknown requirements of County Arborist		\$ _____
17	Traffic Control for SUE	Sub-consultant accidentally omitted from original budget	\$ 8,750.00
18	Easement Map Revisions (2)	Easement plat and descriptions revisions due to requested horizontal alignment revisions after 60% submittal . Approx. 76 revisions are estimated to be required.	\$ 76,000.00
19	Additional Easements plats and descriptions (2)	The RFP included 249 parcels requiring easements. An additional 8 parcels were identified to accommodate the extension of the pipeline.	\$ 13,750.00
20	Reserved	Future Project Modifications	
21	Reimbursement of Permitting Fees		\$ 2,000.00
	Total:		\$ 1,098,039.35
	C. Owner Controlled Allowance:	Allowance as provided in Item D in the Cost Proposal Form	\$ 600,000.00
	Allowance Balance:		\$ (498,039.35)

DeKalb County Department of Watershed Management
 Shoal Creek Trunk Sewer Relief Project

Easement Budget Summary (Estimated)

Description	Easement Quantity		Cost	Notes
	<u>New</u> Unit Cost: \$1,250	<u>Revised</u> Unit Cost: \$1,000		
Contract	249		\$ 311,250.00	Easement budget provided in Section C. of the Cost Proposal Form
Revision 1	80		\$ 100,000.00	An addition 80 parcels impacted by extension of Section 3 pipeline
Revision 2		76	\$ 76,000.00	Required revisions due to post 60% submittal alignment changes.
Revision 3	11		\$ 13,750.00	Additional parcels impacted by extension of Section 3 pipeline
Totals:	340	76	\$ 501,000.00	
Total less Contract:	91	76	\$ 189,750	