



PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Design Build Services for the Gravity Sewer System Rehabilitation, Replacement & Construction - Package No. 2 **Date:** 5/11/2023
Contractor: Granite Inliner, LLC
Contract Number: 1081070 **Contract Amendment Number:** 4
Contract Amendment Category: Cost Schedule Scope Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:(TERM)	Original Contract End Date:
\$26,892,824.98	12/17/2017	1110	12/31/2020

NTP Start Date:	Original Performance Days:(TIME)	Original Performance End Date:
1/11/2018	891	6/20/2020

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	195	\$0.00
Change Order No. 2:	365	\$4,022,536.05
Change Order No. 3:	546	\$0.00

Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:	Current Contract End Date:
\$30,915,361.03	1997	6/30/2023	12/30/2023

Description of Proposed Changes: The change order is required to address the Claim that Inliner submitted on 1/14/2022. Due to unforeseen soil conditions, the original method of installation directional drilling failed. The heterogenous soil type requires the installation method to be changed to micro tunneling. This change order covers the new method of installation and the restoration.

Justification of Proposed Changes: The changes are required to resolve the Claim by acknowledging the additional cost generated by the unknown soil conditions. Pursuant to Contract 1081070, Article 13.I, and Article 17 as detailed in the Granite Inliner Claim submission dated 1-14-2022, the failure of the directional drill method approved originally for this segment of pipe was caused by a differing site condition, namely the unusual characteristics of the sometimes-broken underground conditions of the granite rock that was being bored through in the alignment. The original design relied on this rock being solid. The fact that it was not completely solid gave rise to the failure of the drill as it made its third pass and was trapped in place and unable to continue the work. This work incident delayed the project schedule agreed with EPD. The regulatory agency requested to expedite a solution to the problem to minimize the delay of the upsized pipe installation since the additional flow is already coming in the system and it may cause a sewer spill due to sewer surcharge. The method selected to complete the 20" pipe installation and meet EPD requirements is micro tunneling.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
92	2089	9/30/2023	
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Spent To Date as of (5/11/23):	
\$1,789,694.81	\$32,705,055.84	\$30,103,449.17	

Describe Any Risk Associated With This Change: There is no risk if the change is approved.

Effect of NOT Approving This Change: If the requested change is not approved it may lead to a lawsuit by Inliner for not meeting the construction contract and penalties may be levied by EPA for failure to meet terms of the Consent Decree.

Engineering Manager's Approval:

Accepted

Rejected

Signature: Kerry Williams, P.E., PMP

Digitally signed by Kerry Williams, P.E., PMP
Date: 2023.05.18 11:12:18 -0400'

Print Name: Kerry Williams

Date: May 18, 2023

Watershed Director's Approval:

Accepted

Rejected

Signature: David Hayes

Digitally signed by David Hayes
Date: 2023.05.19 11:10:01 -0400'

Print Name: David Hayes

Date: 5.19.2023

Chief Operating Officer's Approval:

Accepted

Rejected

Signature: 

Print Name: Zachary L. Williams

Date: 6/28/23

Contract Name: Design Build Services for the Gravity Sewer System Rehabilitation, Replacement & Construction - Package No. 2

Contractor: Granite Inliner, LLC

Contract Number: 1081070

Summary of Budget and cost to complete by Projects

Project	Initial GMP	CO2	CO3	Comments
Design	\$ 1,354,951.80	\$ 1,354,951.80	\$ 1,325,868.27	Project completed
1	\$ 193,856.66	\$ 204,829.66	\$ 173,543.34	Project completed
2	\$ 448,351.74	\$ 465,407.66	\$ 698,622.56	Project completed
3	\$ 452,000.00	\$ 409,519.07	\$ 192,675.12	Project completed
4	\$ 6,500,000.00	\$ 8,178,976.88	\$ 8,666,504.68	Project completed. Remaining to invoice items.
5	\$ 6,971,505.94	\$ 11,439,439.14	\$ 14,998,731.77	Tunnel Claim and additional restoration to be invoiced
6	\$ 2,110,281.54	\$ 1,941,597.91	\$ 2,726,857.16	Project completed
7	\$ 634,408.58	\$ 634,408.58	\$ 279,096.03	Project completed
8	\$ 417,833.91	\$ 417,833.91	\$ 189,437.13	Project completed
9	\$ 2,324,045.60	\$ 2,324,045.60	\$ 1,269,360.11	Project completed
10	\$ 228,528.47	\$ 228,528.47	\$ 119,411.86	Project completed
11	\$ 242,712.80	\$ 242,712.80	\$ 259,748.90	Project completed
12	\$ 1,403,189.30	\$ 443,121.97	\$ 427,539.58	Project completed
13	\$ 149,883.05	\$ 149,883.05	\$ 104,986.81	Project completed
14	\$ 133,296.70	\$ 133,296.70	\$ 79,962.50	Project completed
15	\$ 234,474.11	\$ 239,801.17	\$ 217,322.53	Project completed
16	\$ 2,593,504.79	\$ 407,006.67	\$ 893,480.92	Project completed
Allowance	\$ 500,000.00	\$ 1,700,000.00	\$ 85,223.56	Owner approved allowance for unforeseen final items
TOTAL	\$ 26,892,824.99	\$ 30,915,361.04	\$ 32,708,372.83	