

**CONTRACT AMENDMENT & CHANGE ORDER**

Change Order No. 1

Date 09/16/19

Contract No. 81-19 for the following public work : Unit O-19 CIPP Liner

between Terra Engineerng & Construction Corporation, 2409 Vondron Road, Madison, WI 53718-6795  
 (Contractor Name) (Contractor Address)

and the City of Appleton dated: 1/16/2019 is hereby changed in the following particular wit:

Item No.	Account No.	Current Contract Amount	Current Contingency	C.O. Amount (+/-)	Contingency (+/-)	New Contract Total	New Contingency Total
1	5431.680903	\$90,110.00	\$2,210.00			\$90,110.00	\$2,210.00
2	5230.680904	\$155,365.00	\$2,337.00	\$45,000.00		\$200,365.00	\$2,337.00
3						\$0.00	\$0.00
4						\$0.00	\$0.00
5						\$0.00	\$0.00
6						\$0.00	\$0.00
7						\$0.00	\$0.00
8						\$0.00	\$0.00
9						\$0.00	\$0.00
10						\$0.00	\$0.00
	<b>Total</b>	<b>\$245,475.00</b>	<b>\$4,547.00</b>	<b>\$45,000.00</b>	<b>\$0.00</b>	<b>\$290,475.00</b>	<b>\$4,547.00</b>

**Reason for Change:** The existing storm outfall pipe from Lawe Street to the Fox River at the north end of the bridge is corroded beyond what a conventional CIPP Liner can fix.  
The contractor has provided us an alternate repair that includes sliplining a new pipe inside the existing sewer. Based on the recent sink hole that developed on the University of Lawrence's property, we view this repair as a high priority to fix. The sink hole was directly related to the existing pipe.

The Contract Time will be (increased / decreased / unchanged) by this Change Order: 0 Days

The Date of Completion as of the date of this Change Order therefore is: 12/13/2019

Finance Committee Agenda Date: 09/18/19

Date approved by Council: 09/18/19



**DATE:** 9/12/19  
**TO:** City of Appleton  
**ATTN:** Chad Weyenberg  
**JOB:** Appleton CIPP Unit O-19  
**RFP:** #1 REV1

**General Description:**

The existing segment of 36" CMP located on S Lawe St is in poor condition. Cured-in-Place lining of this segment is not feasible. Below is an option to slipline the existing pipe with a 30" HDPE pipe.

**Detailed Description:**

We are proposing to slip line the existing 30" HDPE line. Below are the assumptions we have made.

- Pipe to be sliplined with a 30" HDPE DR 17 IPS Pipe.
- Includes install of 3 or 4 stop restraints and concrete anchors to prevent pipe from slipping
- A brick and mortar bulkhead at the manhole is included for the annuals between the 36" and 30".
- Nothing is included to fill the remaining annulus or bulkhead at the discharge near the river.
- Surface Removal & Restoration
  - Assumes concrete roadway pavement is 10" thick
  - Assumes concrete sidewalk is 6" thick
  - Placement of slurry backfill under roadway for entire excavation
  - Sideslope just beyond the sidewalk to be seeded and matted as best we can at completion
- Traffic Control
  - Terra to hire a subcontractor
  - Includes a complete road closure. Will be required for up to two weeks
- Concrete Restoration
  - To be completed by a subcontractor

The total lump sum of this work is \$98,500. If you have any questions do not hesitate to contact us.

Sincerely,  
Terra Engineering & Construction

Dan Wagner  
Project Manager  
608.852.1287

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VISIT OUR WEBSITE: [www.terraconst.com](http://www.terraconst.com)  
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