



TOWN OF ADDISON CHANGE ORDER FORM

Change Order Number: 1
Project Name: Midway Road Revitalization Design
Project Number(s):
Project Manager: Will Barresi, P.E.
Date: 3/14/2017

A. INTENT OF CHANGE ORDER

- a. Performance of CCTV inspection on the sanitary sewer and storm water lines along Midway Road in conjunction with the Bond 2012 project, and analysis of the resulting investigation information to confirm the extent of sanitary sewer and storm water lines requiring replacement/rehabilitation.

B. DESCRIPTION OF CHANGE

- a. The original contract did not include any provision for CCTV inspection of the Town owned utility lines, or evaluation of the condition thereof. This change order includes CCTV inspection of approximately 11,000 L.F. of sanitary sewer lines ranging in size from 6" to 18" and approximately 11,000 L.F of storm water lines ranging in size from 18" to 48". It also includes the evaluation of these lines, to determine which, if any, lines may not require replacement as part of this project.

C. REASON FOR CHANGE

- a. The initial cost estimates for the project are much higher than the actual budget. It was determined that there may be some potential cost savings if replacement of some of the utility lines can be avoided. This additional work will allow for the evaluation of the utility lines to determine if portions of the lines can remain in service, reducing the overall project cost accordingly.

D. EFFECT OF CHANGE ON CONTRACT PRICE

This change order will have the following effect on the cost of this project (see next page):

Item Number/Description	Unit	Quantity	Unit Price	Total Price
Sanitary Sewer Lines - Cleaning (includes disposal)				
6" - 8" Lines	LF	8175	\$ 1.10	\$ 8,992.50
10" Lines	LF	4022	\$ 1.38	\$ 5,530.25
12" Lines	LF	1094	\$ 1.65	\$ 1,805.10
18" Lines	LF	1335	\$ 1.93	\$ 2,569.88
Sanitary Sewer Lines - CCTV				
6" - 8" Lines	LF	8175	\$ 1.05	\$ 8,542.88
10" Lines	LF	4022	\$ 1.05	\$ 4,202.99
12" Lines	LF	1094	\$ 1.05	\$ 1,143.23
18" Lines	LF	1335	\$ 1.05	\$ 1,395.08
Storm Sewer Lines - Cleaning (includes disposal)				
18" Lines	LF	1232	\$ 1.32	\$ 1,626.24
21" Lines	LF	1385	\$ 1.38	\$ 1,904.38
24" Lines	LF	1235	\$ 1.43	\$ 1,766.05
27" Lines	LF	220	\$ 1.82	\$ 399.30
30" Lines	LF	1013	\$ 1.93	\$ 1,950.03
36" Lines	LF	1241	\$ 2.75	\$ 3,412.75
39" Lines	LF	903	\$ 3.30	\$ 2,979.90
42" Lines	LF	3018	\$ 3.85	\$ 11,619.30
48" Lines	LF	641	\$ 4.40	\$ 2,820.40
Storm Sewer Lines - CCTV				
18" Lines	LF	1232	\$ 1.05	\$ 1,287.44
21" Lines	LF	1385	\$ 1.05	\$ 1,447.33
24" Lines	LF	1235	\$ 1.05	\$ 1,290.58
27" Lines	LF	220	\$ 1.05	\$ 229.90
30" Lines	LF	1013	\$ 1.38	\$ 1,392.88
36" Lines	LF	1241	\$ 1.38	\$ 1,706.38
39" Lines	LF	903	\$ 1.65	\$ 1,489.95
42" Lines	LF	3018	\$ 1.65	\$ 4,979.70
48" Lines	LF	641	\$ 1.65	\$ 1,057.65
Total for Line Cleaning				\$ 47,376.07
Total for CCTV Inspection				\$ 30,165.96
Total for Traffic Control (included in costs above)				\$ -
Subtotal of CCTV Contractor Costs				\$ 77,542.03
TNP Effort for CCTV Contractor Coordination, Condition Assessment, and Report				\$ 34,000.00
Total for All Items				\$ 111,542.03
Original Contract Amount				\$ 1,998,859.00
Total Contract Amount (Including Previous Change Orders)				\$ 1,998,859.00
Amount of the Change Order				\$ 111,542.03
Revised Contract Amount				\$ 2,110,401.03
Total % Increase/Decrease (Including Previous Change Orders)				5.6

E. EFFECT OF CHANGE ON CONTRACT TIME

N/A

F. AGREEMENT

By the signatures below, duly authorized agents of the Town of Addison and Teague Nall and Perkins, Inc. do hereby agree to append this Change Order Number 1 to the original contract between themselves, dated 10/28/2014 (insert original contract date).

Teague, Nall, & Perkins, Inc.
Company Name

5237 N Riverside Drive #100

<u>Fort Worth</u>	<u>TX</u>	<u>76137</u>
City	State	Zip

(817) 336-5773
Phone

Project Manager

Department Director



Michael G. DeMotte, P.E.
Design Engineer's Signature

Fin. & Strat. Services Representative

City Manager

Copies: Design Engineer
Department
City Secretary

Council Agenda:	Agenda Date	_____
(if applicable)	Item Number	_____
	Approved	_____

March 14, 2017

Mr. Wesley S. Pierson
City Manager
Town of Addison
P.O. Box 9010
Addison, Texas 75001

**Re: Midway Road (Town of Addison Project No. IDS 15-01)
Contract Amendment #1
Condition Assessment – Sanitary and Storm Sewer Lines**

Dear Mr. Pierson:

As requested by the Town of Addison, we are submitting this request for a contract amendment to the above referenced existing Engineering Services Contract for additional services as further described below.

Task R: Condition Assessment – Sanitary and Storm Sewer Lines

Teague, Nall, and Perkins, Inc. (TNP) via a sub-consultant (ACME Utility Inspection Services, Inc.), will perform Closed-Circuit Television (CCTV) video investigation and documentation of the condition of the existing sanitary sewer and storm sewer lines within the right-of-way of Midway Road between Spring Valley Road and Keller Springs Road. This work is to be performed in order to provide the Town with a higher level of confidence regarding the potential need to replace existing sanitary sewer and storm sewer lines under the pavement/within the right-of-way of Midway Road, as part of value engineering efforts to reduce the cost of the proposed Midway Road improvements.

As necessary, the lines will be cleaned hydraulically to allow for passage of the video camera. When possible, cleaning of the lines will be avoided in order to minimize costs. Should mechanical cleaning be required, it can be provided as an Additional Service. All solids from cleaning operations will be retrieved (not disposed of downstream or into ditches, etc.).

Detailed video logs will be kept and the locations of offset joints, root intrusions, sags, deformations, and other abnormalities will be recorded.

The findings of the investigation and recommendations with respect to potential replacements of segments of the sanitary sewer and storm sewer lines will be documented and presented in a Condition Assessment Report.

Compensation for the efforts associated with these Additional services shall be on a reimbursable basis, based on the number of linear feet of pipe, by diameter range, cleaned and/or CCTV'd. TNP shall invoice the Client for all direct non-labor and/or subcontract expense based on actual cost plus a markup of ten percent (10%).

A summary of pipe sizes and lengths to be analyzed and corresponding maximum anticipated costs are presented as follows:

Item Number/Description	Unit	Quantity	Unit Price	Total Price
Sanitary Sewer Lines - Cleaning (includes disposal)				
6" - 8" Lines	LF	8175	\$ 1.10	\$ 8,992.50
10" Lines	LF	4022	\$ 1.38	\$ 5,530.25
12" Lines	LF	1094	\$ 1.65	\$ 1,805.10
18" Lines	LF	1335	\$ 1.93	\$ 2,569.88
Sanitary Sewer Lines - CCTV				
6" - 8" Lines	LF	8175	\$ 1.05	\$ 8,542.88
10" Lines	LF	4022	\$ 1.05	\$ 4,202.99
12" Lines	LF	1094	\$ 1.05	\$ 1,143.23
18" Lines	LF	1335	\$ 1.05	\$ 1,395.08
Storm Sewer Lines - Cleaning (includes disposal)				
18" Lines	LF	1232	\$ 1.32	\$ 1,626.24
21" Lines	LF	1385	\$ 1.38	\$ 1,904.38
24" Lines	LF	1235	\$ 1.43	\$ 1,766.05
27" Lines	LF	220	\$ 1.82	\$ 399.30
30" Lines	LF	1013	\$ 1.93	\$ 1,950.03
36" Lines	LF	1241	\$ 2.75	\$ 3,412.75
39" Lines	LF	903	\$ 3.30	\$ 2,979.90
42" Lines	LF	3018	\$ 3.85	\$ 11,619.30
48" Lines	LF	641	\$ 4.40	\$ 2,820.40
Storm Sewer Lines - CCTV				
18" Lines	LF	1232	\$ 1.05	\$ 1,287.44
21" Lines	LF	1385	\$ 1.05	\$ 1,447.33
24" Lines	LF	1235	\$ 1.05	\$ 1,290.58
27" Lines	LF	220	\$ 1.05	\$ 229.90
30" Lines	LF	1013	\$ 1.38	\$ 1,392.88
36" Lines	LF	1241	\$ 1.38	\$ 1,706.38
39" Lines	LF	903	\$ 1.65	\$ 1,489.95
42" Lines	LF	3018	\$ 1.65	\$ 4,979.70
48" Lines	LF	641	\$ 1.65	\$ 1,057.65

A summary of anticipated fees **for budgeting purposes** is presented below:

Cleaning of Sanitary and Storm Sewer Lines (Reimbursable)	\$47,376.07
CCTV Inspection of Sanitary and Storm Sewer Lines (Reimbursable)	\$30,165.96
CCTV Contractor Coordination, Condition Assessment, and Report (Fixed Fee)	<u>\$34,000.00</u>
Total:	\$111,542.03

Budget associated with this Contract Amendment #1 will be added as Task R – Condition Assessment – Sanitary and Storm Sewer Lines. This will increase the Task R budget from \$0 to \$111,542.03.

Except as noted above, the services included within the Contract Amendment are to be performed on a reimbursable basis, based on actual work performed. It is understood that the amounts listed above are for budgetary purposes only. Actual amounts invoiced may vary, based upon the actual quantities of pipe cleaned and CCTV'd.

The following items are assumed:

1. No bypass pumping is required. If necessary, bypass pumping may be provided as an Additional Service.
2. The Town shall provide access to sanitary and storm sewer lines.
3. The investigation shall be completed using one mobilization. If multiple mobilizations are required, these can be provided as an Additional Service.
4. Only normal hydraulic cleaning is provided for (e.g. 1 to 3 passes with a jetter only). If necessary, additional/mechanical cleaning may be provided as an Additional Service.
5. Minor traffic control, consisting of traffic cones and signage, is included. If the Town requires traffic control permits/traffic control plans, these may be provided as Additional Services.
6. The Town will provide water for cleaning operations at no charge.
7. The Town will accept water from cleaning operations for disposal (via sanitary sewer system and storm sewer system) at no charge. The Town will accept debris from cleaning operations for disposal. If desired by the Town, TNP can provide complete disposal of debris as an Additional Service at the rate of \$180.00 per ton.

If this proposal is acceptable to the Town of Addison, please sign the statement below and return one copy of this contract to my attention. Thank you for the opportunity to serve the Town of Addison. We value our relationship with the Town and appreciate the confidence you have shown by selecting our firm for this project.

Sincerely,

tnp
teague nall & perkins



Michael G. DeMotte, P.E.
Associate/Team Leader

This contract amendment is ACCEPTED this _____ day of _____, 20____.

Signed: _____

By: Wesley S. Pierson
City Manager
