



**CITY OF PLANO
COUNCIL AGENDA ITEM**

CITY SECRETARY'S USE ONLY				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		08/08/16		
Department:		Engineering		
Department Head:		Caleb Thornhill, P.E.		
Agenda Coordinator (include phone #):			Kathleen Schonne(7198)	
			Project No. 6154.1	
CAPTION				
To Zagros Construction Co. dba Urban Construction Group, increasing the contract by \$154,197 for the Bridge Repairs Phase 2 project, Change Order No. 1. Original Bid No. 2015-248-B.				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP				
FISCAL YEAR: 2015-16	Prior Year (CIP Only)	Current Year	Future Years	TOTALS
Budget	193,568	1,658,781	0	1,852,349
Encumbered/Expended Amount	-193,568	-1,302,361	0	-1,495,929
This Item	0	-154,197	0	-154,197
BALANCE	0	202,223	0	202,223
FUND(S): STREET IMPROVEMENTS CIP				
<p>COMMENTS: Funding for this item is available in the 2015-16 Street Improvements CIP. This first change order to the contract with Zagros Construction Co. dba Urban Construction Group for the Bridge Repairs Phase 2 project, in the amount of \$154,197, will leave a balance of \$202,223 available for future expenditures on this or other street improvement projects.</p> <p>STRATEGIC PLAN GOAL: Modifying existing contracts to better complete project objectives relates to the City's goal of a Financially Strong City with Service Excellence.</p>				
SUMMARY OF ITEM				
See Recommendation Memorandum.				
List of Supporting Documents: Location Map, Recommendation Memorandum; Change Order No. 1			Other Departments, Boards, Commissions or Agencies N/A	



Memorandum

TO: Bruce D. Glasscock, City Manager
FROM: B. Caleb Thornhill, P.E., Director of Engineering
DATE: July 18, 2016
SUBJECT: Change Order No. 1 – Bridge Repairs Phase 2 Project

The Engineering Department is recommending approval of Change Order No. 1 for the construction contract with Zagros Construction Co. dba Urban Construction Group, for additional construction items on the Bridge Repairs Phase 2 Project No. 6154.1.

The change order is to

- Make repairs to the concrete rip rap and trail sections under the Red River Drive at Russell Creek and Oxbow Creek Lane at Cottonwood Creek bridges due to damage caused by heavy rains last fall. **\$76,466**
- Use of polyurethane foam to raise several paving sections in lieu of concrete paving replacement. **\$18,086**
- Use of high early strength concrete for the replacement of approach slabs and street paving at the 15th Street bridge just west of US 75. **\$14,223**
- Installation of concrete channel paving and channel excavation at the Kings Manor Lane at Indian Creek bridge. **\$39,101**
- Misc. Adjustments to existing contract quantities. **\$6,321**

Total Additional Cost = \$154,197

CHANGE ORDER NO. 1
BRIDGE REPAIR PHASE 2
PROJECT NO. 6154.1
PURCHASE ORDER NO. 105890
CIP NO. 37579
BID NO. 2015-248-B

A. INTENT OF CHANGE ORDER

The intent of this change order is to modify the provisions of the contract entered into by the **CITY OF PLANO, TEXAS**, and **ZAGROS CONSTRUCTION CO**, dba **URBAN CONSTRUCTION GROUP** for the **BRIDGE REPAIR PHASE 2 PROJECT**, dated **JUNE 8, 2015**.

B. DESCRIPTION OF CHANGE

The change order is for:

1. Additional channel work at the Red River Drive and Oxbow Creek Lane bridges caused by heavy rains last fall.
2. Deletion of pavement replacement, substituted by polyurethane pumping.
3. Use of high early strength concrete at the 15th St bridge just west of US 75
4. Added concrete channel paving and channel grading to the Kings Manor bridge
5. Over and under runs of the quantities of misc. pay items.

C. EFFECT OF CHANGE

This change order will have the following effect on the cost of this project:

ITEM NO.	ITEM DESCRIPTION	ORIGINAL QUANTITY	REVISED QUANTITY	UNIT	UNIT PRICE	AMOUNT OF CHANGE
1	Remove & Recycle Concrete Riprap	94	433	SY	\$30.00	\$10,170.00
2	Remove & Recycle Concrete Pavement	2,404	2,268	SY	\$14.00	-\$1,904.00
3	Remove & Recycle Concrete Approach Slab	347	453	SY	\$20.00	\$2,120.00
5	Remove & Recycle Concrete Sidewalk	5,103	5,639	SF	\$1.00	\$536.00
9	Remove MBGF	771	882	LF	\$5.00	\$555.00
22	1 1/2" Expansion Joint	3,164	3,164	LF	\$40.00	\$0.00
23	Polyurethane Foam under Approach Slab	76	139	CY	\$575.00	\$36,225.00
24	4" Reinforced Concrete Sidewalk	5,103	5,649	SF	\$5.00	\$2,730.00
25	10" Reinforced Concrete Paving	1,360	1,022	SY	\$97.00	-\$32,786.00
26	13" Reinforced Concrete Approach Slab	347	214	SY	\$250.00	-\$33,250.00

40	6" Reinf. Concrete Channel Paving w/ Toewall	602	925	SY	\$250.00	\$80,750.00
52	Metal Beam Guard Fence	721	844	LF	\$30.00	\$3,690.00
61	Compacted Fill	599	725	CY	\$40.00	\$5,040.00
62	Flowable Fill	243	238	CY	\$150.00	-\$750.00
64	Borrow Material, In Place	318	372	CY	\$40.00	\$2,160.00
74	4' Deep Riprap Toewall	52	208	LF	\$80.00	\$12,480.00
100	Detach & Re-Install Existing Rail	-	1	LS	\$1,000.00	\$1,000.00
101	10" Reinforced Concrete Paving (High Early Strength)	-	151	SY	\$123.39	\$18,631.89
102	13" Reinforced Concrete Approach Slab (High Early Strenght)	-	153	SY	\$284.31	\$43,499.43
103	Excavation	-	55	CY	\$60.00	\$3,300.00
	TOTAL:					\$154,197.32

Original Contract Amount	\$ 1,342,638.00
Contract Amount (Including Previous Change Orders)	\$ 1,342,638.00
Amount, Change Order No. 1	\$ 154,197.32
Revised Contract Amount	\$ 1,496,835.32
Total Percent Increase Including Previous Change Orders	11.48%

D. EFFECT OF CHANGE ON CONTRACT TIME

Original Contract Time	286 working days
Amount (Including Previous Change Orders)	286 working days
Amount, Change Order No.1	45 working days
Revised Contract Time	331 working days
Total Percent Increase Including Previous Change Orders	15.73%

E. AGREEMENT

In the event of any conflict or inconsistency between the provisions set forth in this Change Order No. 1 and the contract, this Change Order No. 1 shall govern and control. For and in consideration of the covenants, duties and obligations herein contained, the parties do mutually agree that except as provided above, all other terms and conditions of the Contract shall remain unchanged and in full force and effect.

By the signatures below, duly authorized agents of the **CITY OF PLANO, TEXAS**, and **ZAGROS CONSTRUCTION CO, DBA URBAN CONSTRUCTION GROUP**, do hereby agree to append this Change Order No. 1 to the original contract between themselves, dated **June 8, 2015**.

F. AUTHORITY TO SIGN

The undersigned officers and/or agents of the parties hereto are the properly authorized officials and have the necessary authority to execute this Agreement on behalf of the parties hereto.

OWNER: CITY OF PLANO

**CONTRACTOR: ZAGROS
CONSTRUCTION CO, DBA URBAN
CONSTRUCTION GROUP**

By: _____
(signature)

By: _____
(signature)

Print
Name: Bruce D. Glasscock

Print
Name: Joe Tabaee

Print
Title: City Manager

Print
Title: Vice President

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____
Paige Mims, City Attorney

ACKNOWLEDGMENTS

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

This instrument was acknowledged before me on the _____ day of _____, 2016, by **JOE TABAEE, VICE PRESIDENT, of ZAGROS CONSTRUCTION CO, DBA URBAN CONSTRUCTION GROUP**, a **TEXAS** Corporation on behalf of said corporation.

Notary Public, State of Texas

STATE OF TEXAS §
 §
COUNTY OF COLLIN §

This instrument was acknowledged before me on the _____ day of _____, 2016, by **BRUCE D. GLASSCOCK CITY MANAGER**, of the **CITY OF PLANO, TEXAS**, a Home-Rule Municipal Corporation, on behalf of said municipal corporation.

Notary Public, State of Texas