

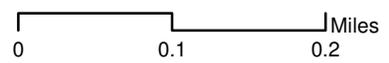
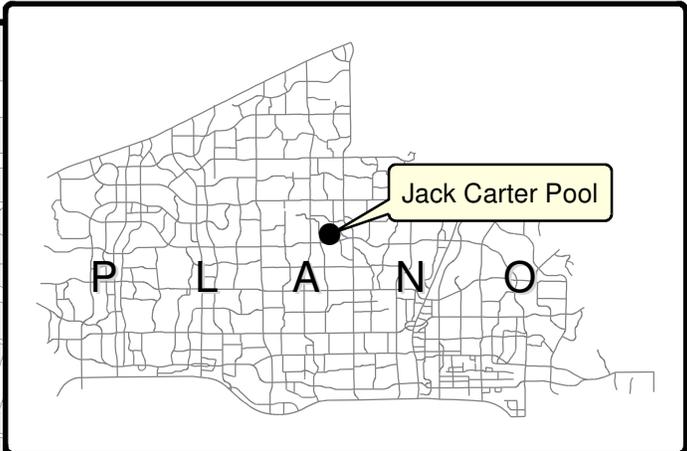
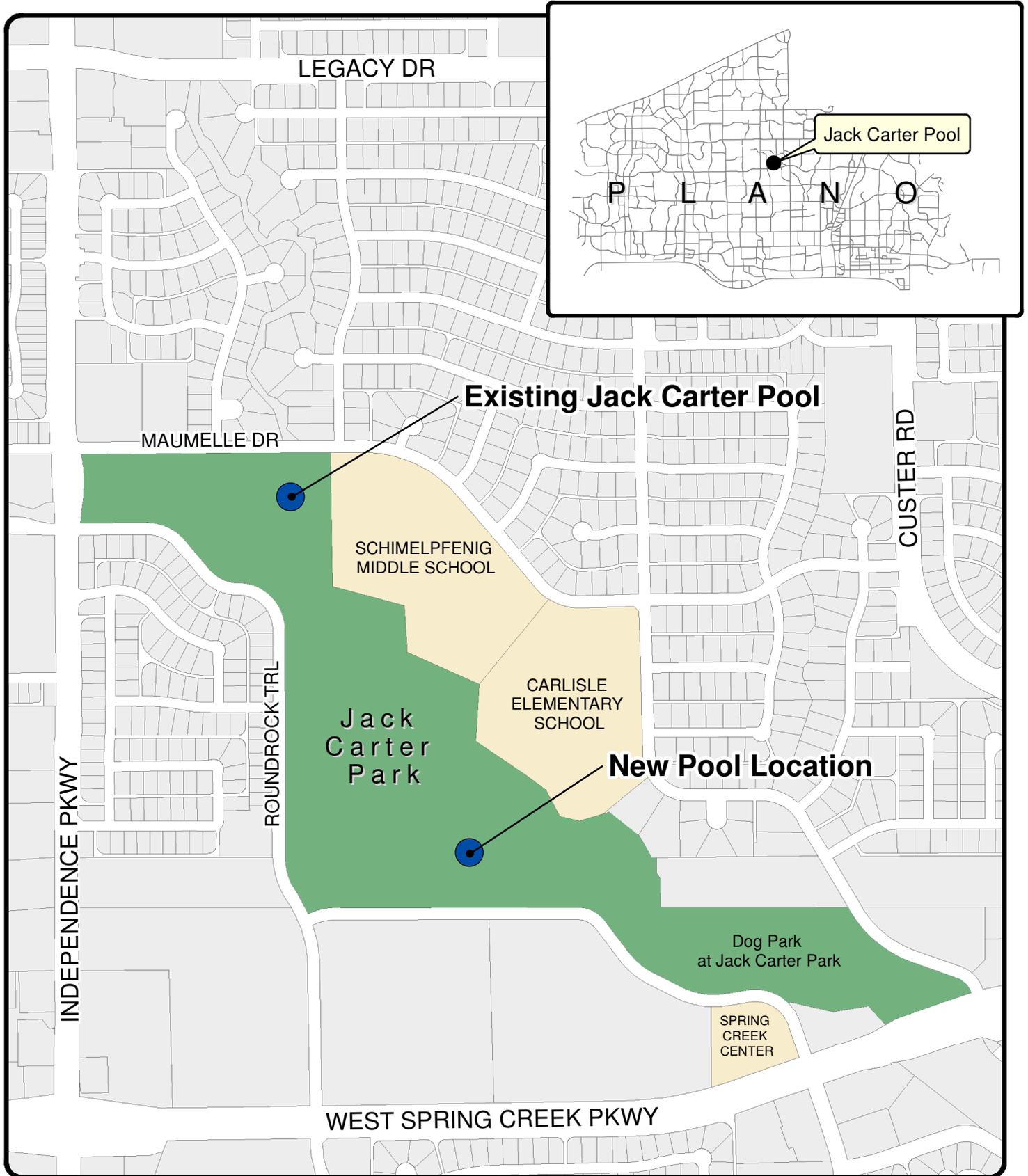


CITY OF PLANO COUNCIL AGENDA ITEM

CITY SECRETARY'S USE ONLY				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		6/28/16		
Department:		Parks and Recreation		
Department Head		Amy Fortenberry		
Agenda Coordinator (include phone #): Susan Berger (7255)				
CAPTION				
A Resolution of the City of Plano, Texas, ratifying the expenditure of \$268,231 for Change Order No. 4 to Turner Construction Company for the Construction Manager at Risk (CMAR) contract for the construction of Jack Carter Pool, Project No. 6587, Original Bid No. 2015-105-B; approving its execution by the City Manager or his designee; and providing an effective date.				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input checked="" 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		600,275	6,627,315	3,355,000
Encumbered/Expended Amount		-600,275	-3,893,672	0
This Item		0	-268,231	0
BALANCE		0	2,465,412	3,355,000
FUND(s): RECREATION REVOLVING FUND & PARK IMPROVEMENTS CIP				
<p>COMMENTS: Funding for this item is available in the 2015-16 Rec Revolving Fund budget and Park Improvements CIP. This fourth change order for construction of Jack Carter Pool, in the amount of \$268,231, will leave a current year balance of \$2,465,412 available for future Park Improvement expenditures.</p> <p>STRATEGIC PLAN GOAL: Modifying existing contracts to accomplish project goals relates to the City's goal of a Financially Strong City with Service Excellence.</p>				
SUMMARY OF ITEM				
See attached memorandum.				
Project Location Map: https://goo.gl/maps/2DXpuTuzqGQ2				
List of Supporting Documents:			Other Departments, Boards, Commissions or Agencies	
Location Map Memorandum Change Order Resolution				

Location Map

Jack Carter Pool





Memorandum

Date: June 14, 2016

To: Amy Fortenberry, Director, Parks & Recreation
Robin Reeves, Assistant Director, Parks & Recreation

From: Bill Dakin, ASLA, Landscape Architect, Parks and Recreation

Subject: CMAR for Jack Carter Pool Renovation - Project No. 6587, Change Order No. 4

Construction of Jack Carter Pool is proceeding rapidly. Construction is expected to be complete by the end of June and the pool is scheduled to open in early July. This change order addresses items needed to complete the work and to facilitate the best operation and management of the pool facilities once they are opened. These items need to be completed prior to opening and therefore must proceed prior the next City Council meeting if the project is going to be completed in time for an early July opening.

The design phase of this project was shortened in order to make it possible to open the pool this summer. A number of important items were left out of the plans or did not include the most current specifications. This change order addresses those items. The cost of these items would have been incurred in the original contract price if they had been included in the original plans and specifications.

Change Order No. 4 includes changes to add network connections to improve reliability of communication with the irrigation system and to provide better point of sale data communication at the pool entry. It also includes changes to meet updated public works requirements for backflow prevention for improved protection of the City's water system. Ingress and egress changes are needed in order to resolve conflicts with underground utilities, grading constraints, and building improvements. The bid documents did not include all necessary electrical connections to provide hot water to the concession stand, locker rooms and offices. This change order includes adding the necessary electrical connections. The project consultant will reimburse the City for approximately \$25,000 in cost that are the result of the consultant's plan errors. Finally, improvements are being added to help lifeguards manage the traffic flow of pool users and manage daily operations and party reservations.

Aquatics staff, Park Planning staff, Facility Services staff and the consultant have reviewed the requested change order items and believe the costs and purpose of each item is important to the success of the project. To date, three change orders totaling \$318,669 have been approved for this project. These previous change orders included major additions for trail connections to the neighborhood and for irrigating areas outside of the pool space including adjacent athletic fields. Change Order No. 4 in the amount of \$268,231 will bring the total project construction cost to \$12,559,722 which is a 4.9% increase over the original CMAR construction contract of \$11,972,822.

Funding for this change order is available through the Recreation Revolving Fund and Park Improvement bond funds.

c: Renee Jordan, Chief Park Planner

**CHANGE ORDER NO. 4
CONSTRUCTION MANAGER AT RISK SERVICES FOR JACK CARTER POOL
PROJECT NO. 6587
PURCHASE ORDER NO. 105375
CIP NOS. 22406-8331 & 22408-8331, ACCOUNT NO. 821-8331
BID NO. 2015-105-B**

**ACCOUNTS TO BE CHARGED FOR THIS CHANGE ORDER IS ACCOUNT NO. 821-8331
AND 22406-8331**

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 **TURNER CONSTRUCTION COMPANY** for the **CONSTRUCTION MANAGER AT RISK SERVICES FOR JACK CARTER POOL PROJECT**, dated April 14, 2015.

B. DESCRIPTION OF CHANGE

1. Add digital network connection provisions based on historically marginal reliability of the radio controlled connections in the project area. Networked connections were not part of the original design.
2. Add transom and removable posts at entry gates. These changes to design were a result of requirements in the building inspection process for fence permitting.
3. A concrete pedestal was added in AV drawings that were not part of Turner's initial scope, enlarged paving area at the flow rider tube storage enclosure, including additional fencing. This change order also includes the additional chlorine resistant caulk, and the sockets for stanchions added to enable staff to manage multiple reservation areas in the park.
4. This is a result of comments received to the landscape and irrigation submittals from the contractor. Changes were requested in reviewing the site conditions now that significant progress in the site development is seen. The added work includes additional decorative rock, decomposed granite in the parking medians to enable maintenance efficiency. This also accounted for deleted two double check assemblies and replacing with advance cross connection devices with freeze proof (hot box) enclosure.
5. The Public Works Department requested added cross connection prevention devices in lieu of bid devices. This work is for the replacement of the RPZ shown in the Pump house with an exterior RPZ, and hot box. In addition, an automated valve system to divert shower water and storm water into separate systems to fulfill requirements of the safety backflow prevention safety program.
6. Add data access service devices and mountings for CAT6 cabling to the building to enable point-of-sale and regular reliable city data communication.
7. Add waterproofing flashing as a recommended enhancement for waterproofing windows and building openings.
8. Add a required concrete band around the pool deck to properly affix depth markers to meet state health codes and to provide additional access to areas of the pool for pool guard management.
9. through 19. Add electric service enhancements for the facility water heaters. These additions were not bid by Turner Construction Company because they were omitted by the design consultant, a portion of approximately \$25,000 will be reimbursed to the City because of the error.

C. EFFECT OF CHANGE

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

<i>ITEM NO.</i>	<i>ITEM DESCRIPTION</i>	<i>ORIGINAL QUANTITY</i>	<i>REVISED QUANTITY</i>	<i>UNIT</i>	<i>UNIT PRICE</i>	<i>AMOUNT OF CHANGE</i>
1	Network Irrigation Connection	0	1	LS	\$5,373.00	\$5,373.00
2	Fence Access by Health Department	0	1	LS	\$5,872.00	\$5,872.00
3	Pool Deck Products and Space Expansion	0	1	LS	\$24,354.00	\$24,354.00
4	Landscape and interior backflow prevention safety additions	0	1	LS	\$49,671.00	\$49,671.00
5	Exterior backflow prevention devices and shower diverter valve system	0	1	LS	\$47,611.00	\$47,611.00
6	Data communication additions	0	1	LS	\$5,000.00	\$5,000.00
7	Building waterproofing additions	0	1	LS	\$9,000.00	\$9,000.00
8	Concrete Pool Banding	0	1	LS	\$10,000.00	\$10,000.00
9	400a Feeder from Existing Transformer to Building	0	1	LS	\$39,545.00	\$39,545.00
10	Lockable Exterior J-Box	0	1	LS	\$1,002.00	\$1,002.00
11	4" Core Hole at Wall	0	1	LS	\$5,602.00	\$5,602.00
12	400a Feeder from J-Box to New Panel MP	0	1	LS	\$3,832.00	\$3,832.00
13	New Panel MP	0	1	LS	\$5,838.00	\$5,838.00
14	150 kva Transformer	0	1	LS	\$9,377.00	\$9,377.00
15	New Panel W	0	1	LS	\$5,307.00	\$5,307.00
16	200a Feeder from New Panel W to Water Heater Disconnects	0	1	LS	\$20,641.00	\$20,641.00
17	200a Disconnects for Water Heaters	0	1	LS	\$2,937.00	\$2,947.00
18	200a Connections for Water Heaters	0	1	LS	\$2,947.00	\$2,947.00
19	Additional Labor for 10 Day Schedule and Expediting Fees	0	1	LS	\$14,312.00	\$14,312.00
	TOTAL					\$268,231.00

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: TURNER
CONSTRUCTION COMPANY**

By: _____
(signature)

By: Nick Barker
(signature)

Print
Name: Bruce D. Glasscock

Print
Name: Nick Barker

Print
Title: City Manager

Print
Title: Division Manager

Date: _____

Date: 6/13/16

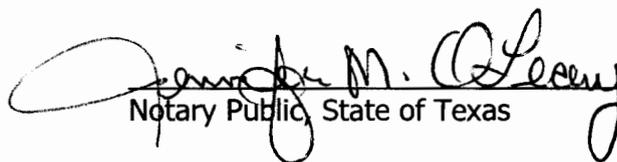
APPROVED AS TO FORM:

By: _____
Paige Mims, City Attorney

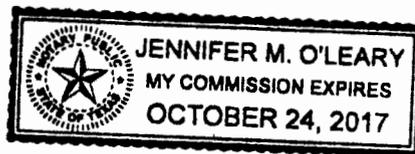
ACKNOWLEDGMENTS

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

This instrument was acknowledged before me on the 13 day of JUNE, 2016, by **NICK BARKER, DIVISION MANAGER** of **TURNER CONSTRUCTION COMPANY**, a **NEW YORK** corporation licensed to do business in the State of Texas, 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

A Resolution of the City of Plano, Texas, ratifying the expenditure of \$268,231 for Change Order No. 4 to Turner Construction Company for the Construction Manager at Risk (CMAR) contract for the construction of Jack Carter Pool, Project No. 6587, Original Bid No. 2015-105-B; approving its execution by the City Manager or his designee; and providing an effective date.

WHEREAS, the City of Plano has engaged in a Construction Manager at Risk (CMAR) contract with Turner Construction Company for the construction of Jack Carter Pool in the amount of \$11,972,822; and

WHEREAS, the City of Plano has approved three previous change orders to the contract totaling \$318,669; and

WHEREAS, the City Council has been presented with Change Order No. 4 to the Construction Manager at Risk contract between the City and Turner Construction Company in the amount of \$268,231; and

WHEREAS, the City Council finds that the terms and conditions thereof should be ratified and approved.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PLANO, TEXAS, THAT:

Section I. Change Order No. 4 in the amount of \$268,231 to the Construction Manager at Risk contract between the City of Plano and Turner Construction Company for construction of Jack Carter Pool has been established and reviewed by the City Council of the City of Plano, Texas, and found to be in the best interest of the City of Plano and its Citizens and is hereby in all things approved.

Section II. The City Manager or his designee is authorized to execute Change Order No. 4 in the amount \$268,231 to the Construction Manager at Risk contract between the City of Plano and Turner Construction Company. This Change Order will result in a revised contract amount of \$12,559,722.

Section III. This Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED this the 28th day of June, 2016.

Harry LaRosiliere, MAYOR

ATTEST:

Lisa C. Henderson, CITY SECRETARY

APPROVED AS TO FORM:

Paige Mims, CITY ATTORNEY