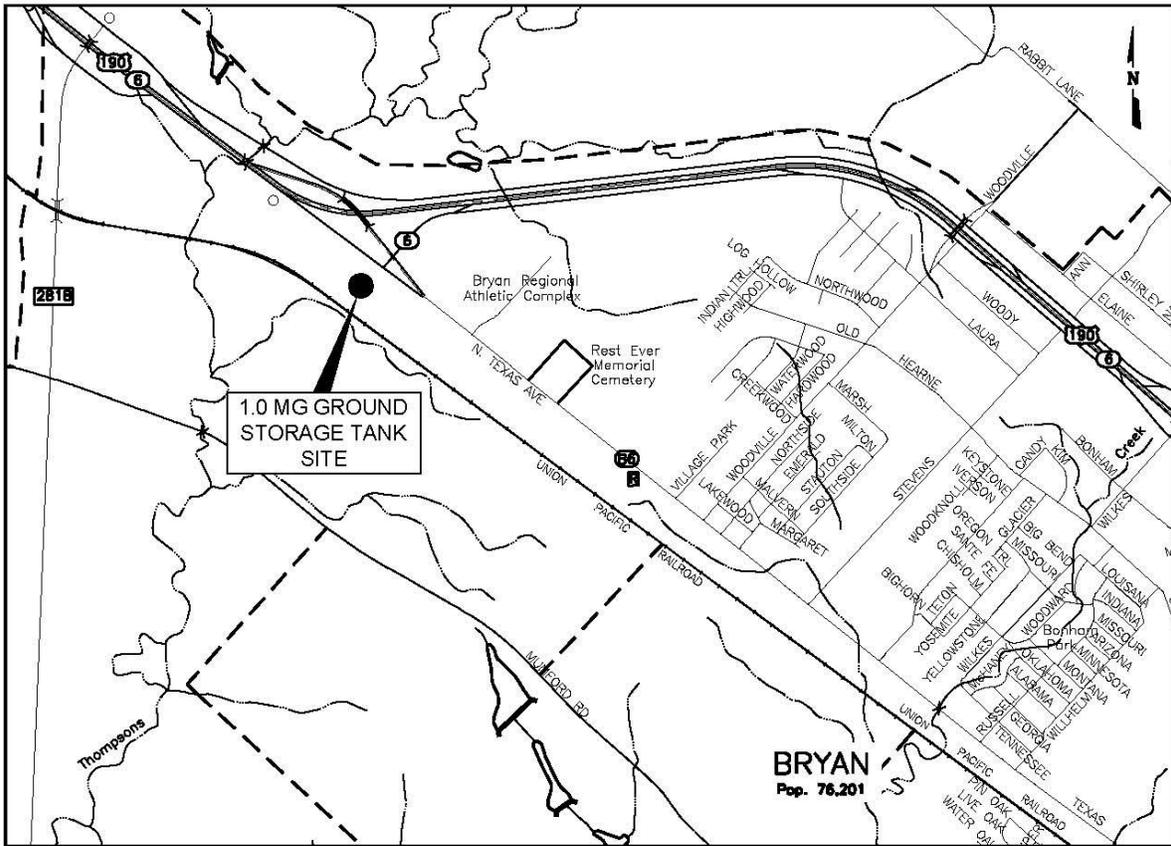
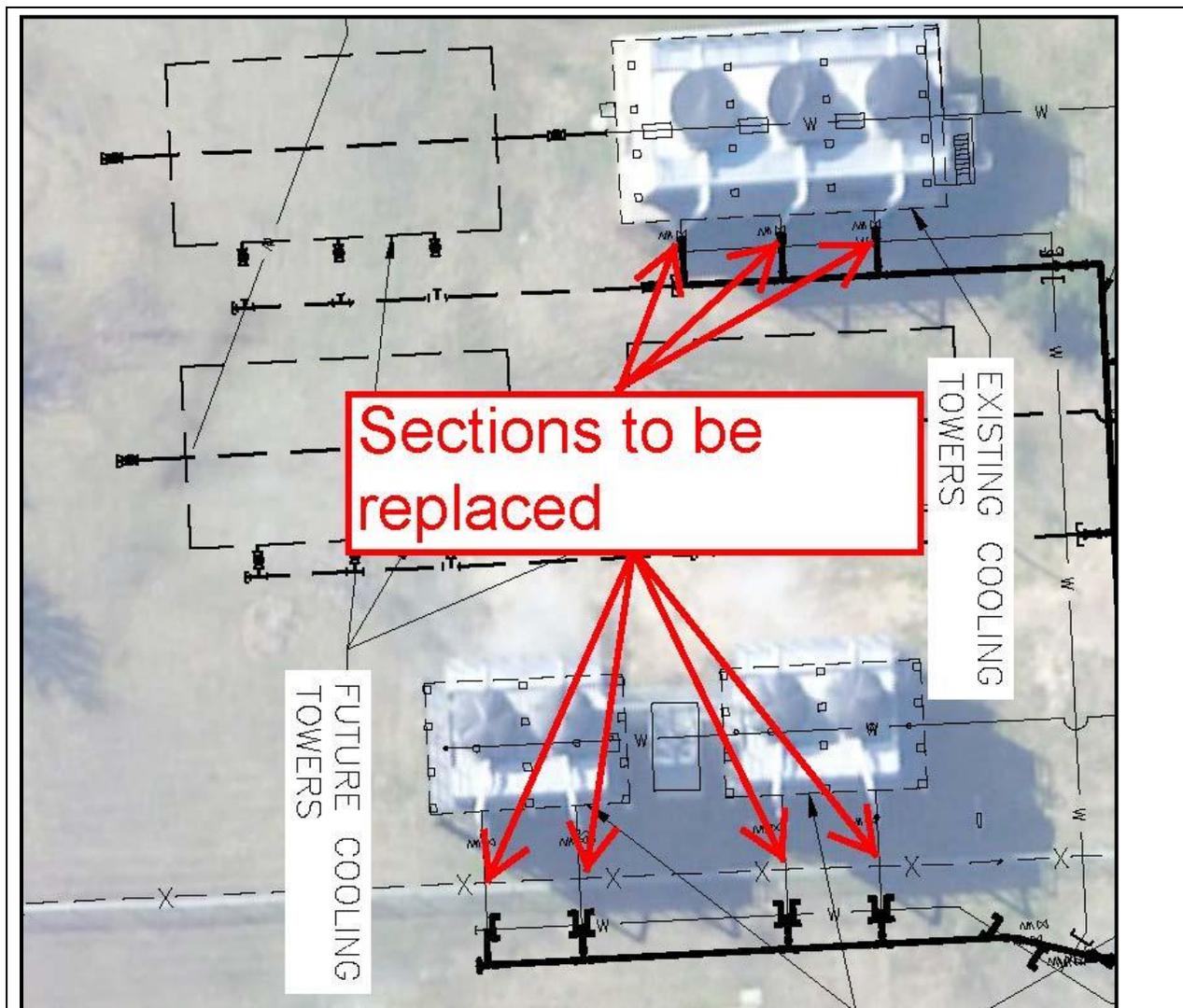


ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: April 23, 2013		DATE SUBMITTED: April 8, 2013	
DEPARTMENT OF ORIGIN: Engineering		SUBMITTED BY: J. Barfknecht	
MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input type="checkbox"/> DIVERSITY
<input type="checkbox"/> SPECIAL	<input type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> EDUCATION
<input checked="" type="checkbox"/> REGULAR	<input checked="" type="checkbox"/> STATUTORY		<input type="checkbox"/> GROWTH
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input type="checkbox"/> IMAGE
			<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input checked="" type="checkbox"/> PUBLIC SAFETY
AGENDA ITEM DESCRIPTION: Consider approving Construction Contract Modification Number 1 to Archer Western Construction LLC for Tabor – 16 th Street & N. Texas Ground Storage Tanks – 1 MG Site, City Job # 611-D6-0833 in the not to exceed amount of \$74,738.95.			
<p>SUMMARY STATEMENT: This proposed modification provides for the replacement of the 12-inch ductile iron inlet pipe and valves for all cooling towers at the North Texas Avenue (Low Service) site. The cooling towers serve the critical purpose of lowering the incoming water temperature to a level that is acceptable for domestic use. This would be the first modification to the ongoing contract for the construction of a new 1 million gallon concrete pre-stressed ground water storage tank, and associated modifications and replacement of over 2,400 linear feet of yard piping that provides well water to the pump station located on North Texas Avenue (see image).</p> <p>During project formulation, manageable boundaries were instituted to control scope and costs. The original contract scope incorporated connecting new ductile iron pipe sections onto existing 12 inch ductile iron pipe at a distance of approximately 20 to 30 feet from the cooling tower risers. However, upon excavation in preparation for this connection it was determined that the existing line condition was more corroded than anticipated and should be replaced to ensure a secure connection point and dependable future service. This modification would provide for replacement of the restrained joint line sections, associated 12 inch isolation gate valves, and flange adapters for future motor operated valves (MOV's) on each vertical riser.</p>			



1 Million Gallon Ground Water Storage Tank Location



Cooling Tower Inlet Piping Sections to be Replaced

STAFF ANALYSIS:

A. PROS: The indicated sections of piping are degraded beyond the limits required to make secure connections and to provide dependable water service to the cooling towers at the Low Service site. This proposed modification will replace the degraded pipe sections and improve water pipe condition at this site.

B. CONS: Approval of this construction contract will expend water operating funds.

STAFF'S RECOMMENDATION (Including Rationale and Justification): The cooling towers serve a critical purpose in lowering the incoming water temperature to a level that is acceptable for domestic use; the inlet piping directs the well water into the cooling towers. During recent construction activities at the site it was discovered that the inlet piping was severely corroded, would require replacement in the near future, and was questionable for attaching to the new pipes being installed at the site. It is therefore recommended by staff that this proposed change order to replace the inlet piping be approved to ensure dependable operation of the cooling towers.

OPTIONS (In Suggested Order of Staff Preference):

1. Approve the proposed Change Order # 1 to Archer Western Construction LLC for Tabor – 16th Street & N. Texas Ground Storage Tanks – 1 MG Site, City Job # 611-D6-0833 in the not to exceed amount of \$74,738.95.
2. Do not approve the proposed Change Order #1.

ATTACHMENTS: Unsigned proposed Change Order #1
FUNDING SOURCE: Water Operating Fund (510)
APPROVALS: Jayson E. Barfknecht 04/12/13; Hugh R. Walker, 04/12/2013
APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 04/16/2013
APPROVED FOR SUBMITTAL: CITY MANAGER

Revised 11/08