

STAFF REPORT

DATE: April 8, 2025

TO: Ted Henry, City Manager

FROM: Anne Stephens, PE, City Engineer

RE: Webb Road Lift Station Fire Hydrant

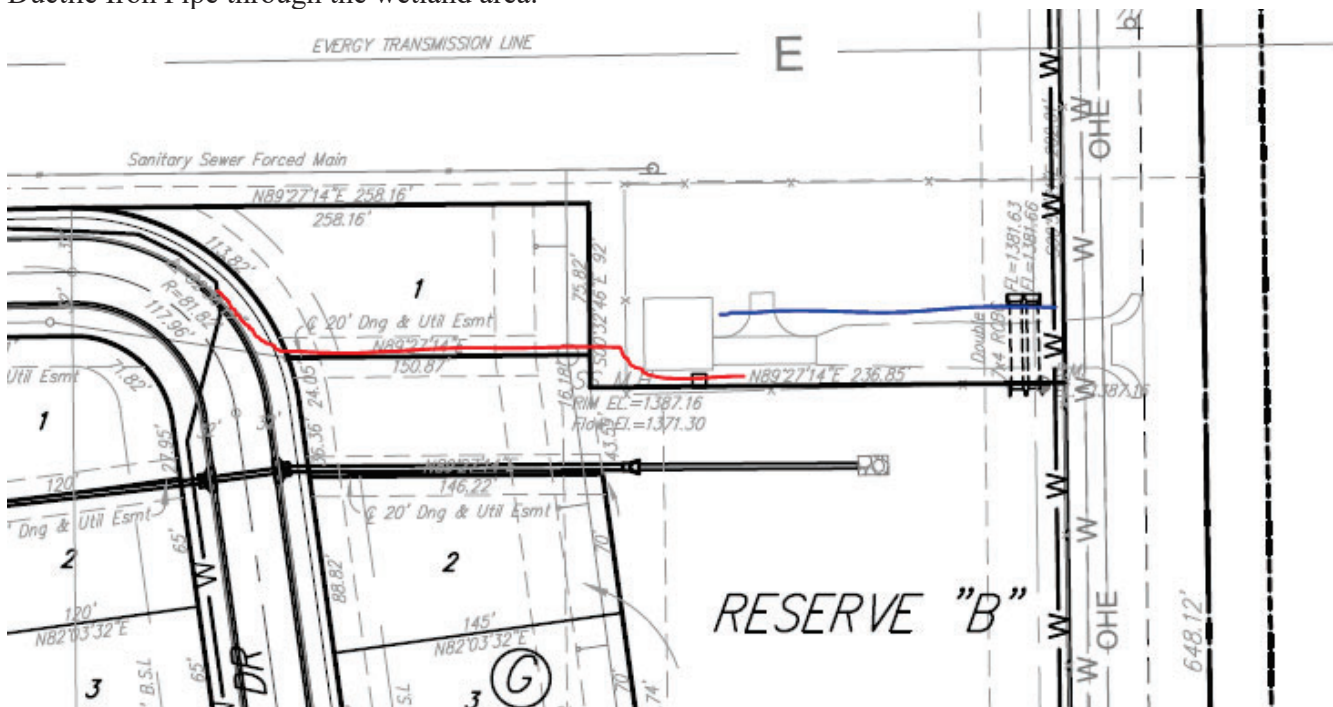


BACKGROUND:

When the Webb Road Lift Station was constructed, there were no water lines in the vicinity to provide a yard/fire hydrant to the lift station. Now that the Bel Aire Lakes project is being installed, there are two water lines in the vicinity available to service the lift station.

DISCUSSION:

Nowak was awarded the utility installation project for Bel Aire Lakes and is working in the area. The City worked with the Design Engineer (CED) to determine the feasibility of providing water service to the Webb Road Lift Station either from the 8" water main on Toben (red line), or from the 16" water main along Webb Road (blue line). CED put together a preliminary design and list of quantities for Nowak to price out. Bringing water service from Toben proved to be the less expensive option due to the need for Ductile Iron Pipe through the wetland area.



FINANCIAL CONSIDERATIONS: The funds for this change order will be paid for from the Water System Improvements fund.

RECOMENDATION: Having the fire hydrant available at the Webb Road Lift Station will allow us to more thoroughly clean out the lift station and address future clogged pumps. Our vacuum truck does not have enough of a water tank capacity to fully clean out the lift station. Additionally, having water service available at the lift station will allow us to augment the flow in the lift station, which will cause the pumps to cycle more frequently, moving more water through the force main. As water/sewage sits in the force main, it stagnates causing the formation of Hydrogen Sulfide (H₂S) gas, which is deteriorating manholes at the outlet of this force main on Lycee Drive.

CHANGE ORDER No. 02Date of Issuance: 3/25/2025

Project Name: Water and Sanitary Sewer Improve to serve PH 1 Bel Aire Lakes Addition	Owner: City of Bel Aire	Owner's Project Number:
Engineer's Project Number (if applicable):	Date of Contract: 1/7/2025	
Contractor: Nowak Construction Co, Inc	Funding Agency Project Number (if applicable):	

The following changes are hereby made to the CONTRACT DOCUMENTS:

Addition of a Fire Hydrant (see attached request). No additional time.

Justification:☒ **Change to CONTRACT PRICE**

Original CONTRACT PRICE: \$ 1,066,007.70

Current CONTRACT PRICE (as adjusted by previous CHANGE ORDERS): \$ 1,066,779.90

Increase in CONTRACT PRICE as of this Change Order: \$ 35,451.00

The new CONTRACT PRICE incorporating this CHANGE ORDER: \$ 1,102,230.90

☐ **Change to CONTRACT TIME:**Original Contract Times: ☐ Working Days ☐ Calendar Days

Substantial completion Select One : _____

Final completion Select One : _____

The CONTRACT TIME (as adjusted by previous CHANGE ORDERS):

Substantial completion Select One : _____

Final completion Select One : _____

Select One in CONTRACT TIME as of this Change Order:

Substantial completion Select One : _____

Final completion Select One : _____

CONTRACT TIMES with all approved CHANGE ORDERS:

Substantial completion Select One : _____

Final completion Select One : _____

REQUESTED:By: Alan Blough - Nowak Construction
Contractor (Authorized Signature)Date: March 26, 2025

Approved by Funding Agency (if applicable): _____

RECOMMENDED:By: _____
Engineer (Authorized Signature)Date: 3/26/2025**ACCEPTED:**By: _____
Owner (Authorized Signature)

Date: _____

Date: _____

Nowak Construction

PO Box 218
200 South Goddard Rd
Goddard, KS 67052

Phone: (316) 794-8898
Fax: (316) 794-2243

To: Bel Aire, Kansas	Contact:
Address: Bel Aire, KS	Phone:
	Fax:
Project Name: Bel Aire Lakes - FH At Webb Lift Station	Bid Number: Change Order
Project Location: Bel Aire, KS	Bid Date: 3/25/2025
Addendum #: 0	

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
Option 2 - Connection To Bluebird					
1	Connect Into 8" WL	1.00	EACH	\$1,900.00	\$1,900.00
2	Pipe, WL 8" (PVC)	302.00	LF	\$56.00	\$16,912.00
3	Valve Assembly, Special Anchored 8"	1.00	EACH	\$3,325.00	\$3,325.00
4	Valve Assembly 8"	1.00	EACH	\$2,725.00	\$2,725.00
5	Fire Hydrant Assembly	1.00	EACH	\$7,100.00	\$7,100.00
6	Fill, Sand (Flushed And Vibrated)	43.00	LF	\$23.00	\$989.00
7	Site Clearing And Restoration	1.00	LS	\$100.00	\$100.00
8	Contractor Construction Testing	1.00	LS	\$900.00	\$900.00
9	Contractor Construction Staking	1.00	LS	\$1,500.00	\$1,500.00

Total Price for above Option 2 - Connection To Bluebird Items: **\$35,451.00**

Total Bid Price: **\$35,451.00**

ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: _____

Signature: _____

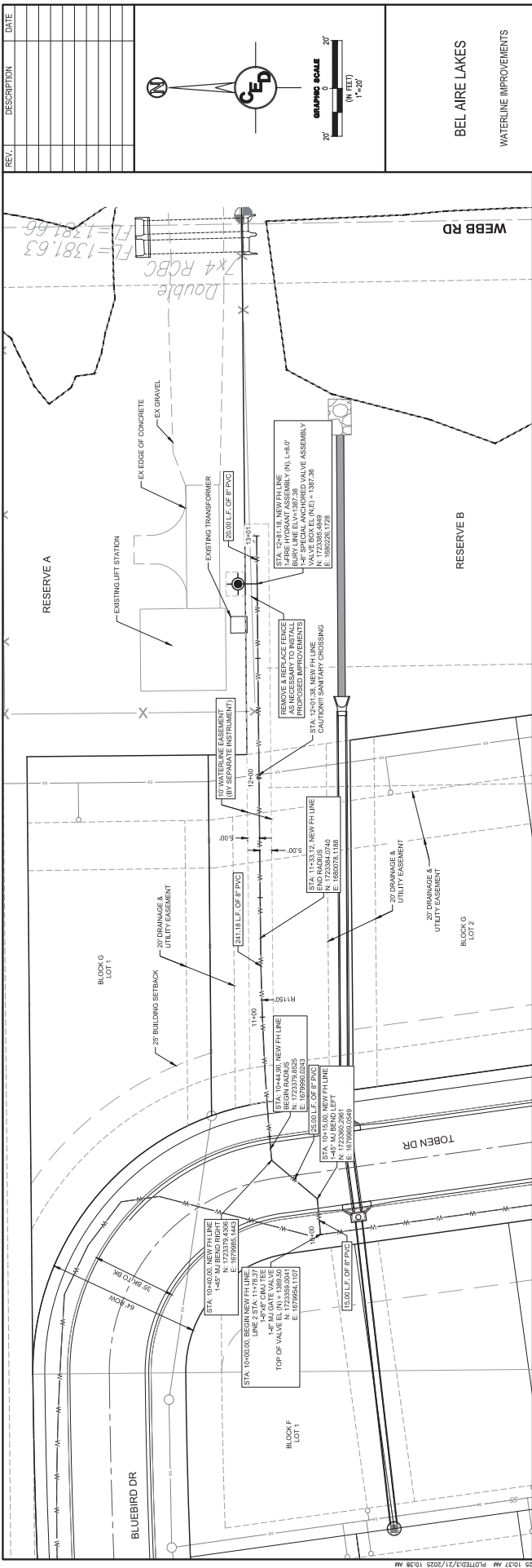
Date of Acceptance: _____



CONFIRMED:

Nowak Construction

Authorized Signature: _____

Estimator: Alan Blough
(316) 794-8898 alan@nowakconstruction.com



CERTIFIED ENGINEERING DESIGN, P.A. CIVIL ENGINEERING SERVICES	 <p>1935 WEST MAPLE STREET WICHITA, KANSAS 67213 PH:(316)262-4908 FAX:(316)262-1669</p>		<p>PROJECT NO.: 20243351 ISSUE DATE: 3/21/2025 CONTACT: L. MILLS / H. FORAKER CHECKED BY: A. NGUYEN</p>	<p>ADDITIONAL FIRE HYDRANT TO SERVE WEBB RST LIGHT STATION</p>	<p>1 OF 1</p>
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