



Accountability - Dedication  
Honesty - Integrity - Respect

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## MEMORANDUM

**DATE:** May 13, 2025  
**TO:** Tara Vasicek, City Administrator  
**FROM:** Richard J. Bogus, City Engineer  
**RE:** Lift Station No. 15 (Westbrook) Relocation Project

### RECOMMENDATION:

I recommend approval of the Lift Station No. 15 (Westbrook) Lift Station plans, specifications, and construction cost estimate in the amount of \$850,000 by Benesch, and to authorize staff to advertise for bids for the above-referenced project.

### DISCUSSION:

The lift station is located on Howard Boulevard at approximately 51<sup>st</sup> Avenue in US Hwy 81 Nebraska Department of Transportation (NDOT) right-of-way. The station will be increased for future expansion to the west/southwest within the serviceable area. The location will be outside of the US Hwy 81 NDOT right-of-way in property obtained from JLO Properties LLC.

This lift station is the next on the Public Works Department list for replacements. The existing lift station is towards the end of its expected life cycle and needs replacement.

Bidding will be late June and award in early July. Construction will begin this summer for completion next year and will be over two fiscal year budgets.

### FISCAL IMPACT:

Benesch estimated construction cost: \$850,000. CIP# 20-093 FY 2024-2025 in the amount of \$425,000 and FY 2025-2026 budgeted amount for the remaining construction cost and construction services.

### ALTERNATIVE:

Do not approve.

### CONCURRENCE:

By: Chuck Sliva

### SIGNATURE:

By: Richard J. Bogus

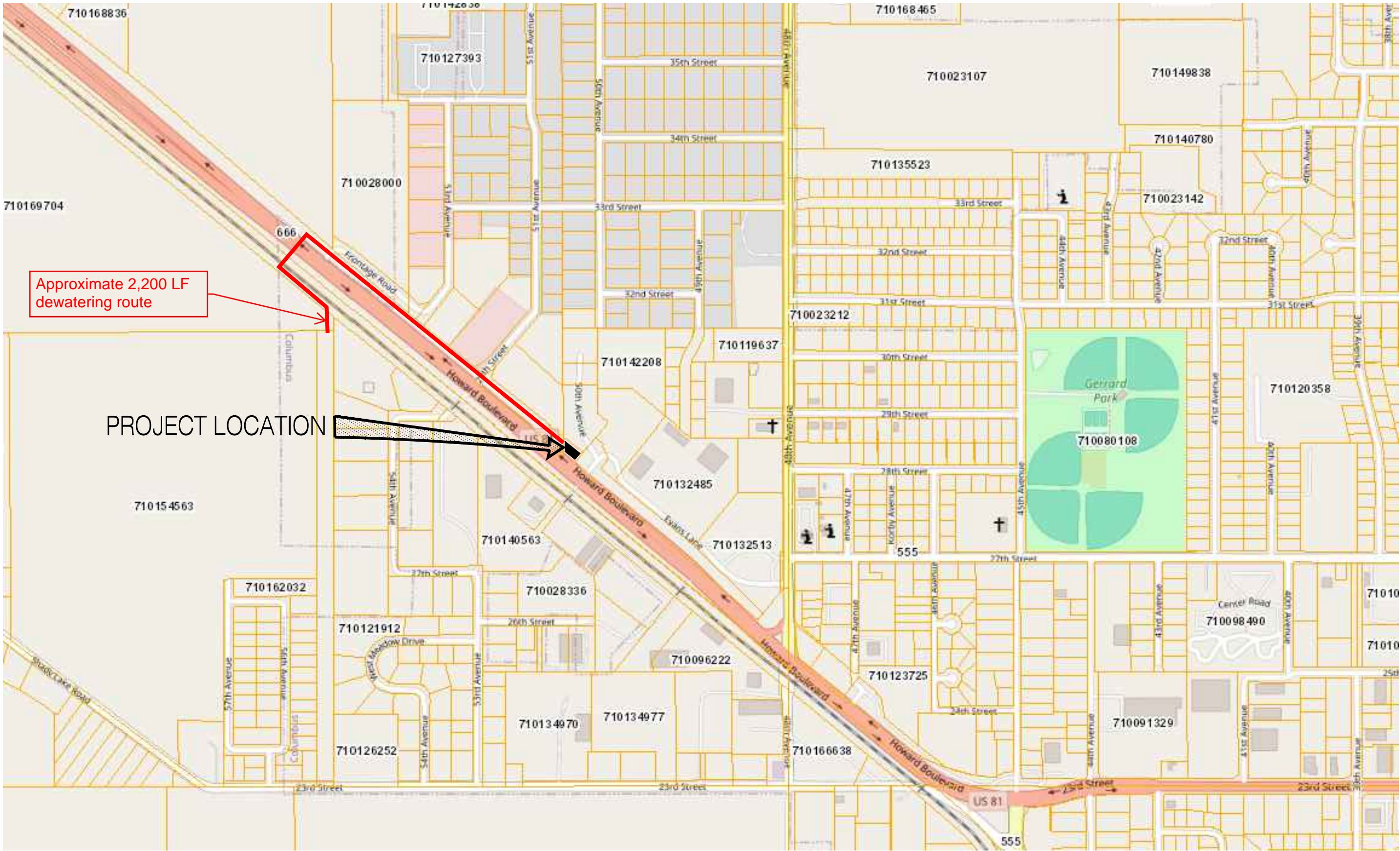
Approved By: [Signature]

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# SANITARY LIFT STATION #15 RELOCATION COLUMBUS, NEBRASKA



PROJECT LOCATION

Approximate 2,200 LF  
dewatering route

## VICINITY MAP

NOT TO SCALE

### GENERAL NOTES:

- Site Conditions:** Contractor Is Responsible For Maintaining The Site In A Clean Nature.
- Survey Requirements & Construction Staking:** The Contractor Shall Verify All Survey Control, Elevations, and Existing Grades Prior To Beginning Construction. Any Discrepancies Shall Be Reported To The Engineer Prior To Beginning Construction. The Contractor Is Responsible To Provide All Construction Staking As Described On The Plans And In The Specifications.
- Utilities:** Topographic Survey Depicting Existing Conditions Is Provided As Part Of These Plans May Not Include All Utilities, Underground Structures, Or Existing Features At The Site. It Is The Responsibility Of The Contractor To Perform Inspection And Utility Locate Services Before Disturbing The Site. Any Damages To Existing Utilities, Structures, Survey Monuments Or Features That Are To Remain, Including Those Not Shown In The Topographic Survey, Shall Be Corrected At The Contractor's Expense.
- Permits/Licenses/Inspections:** All Permits, Licenses, Inspections And Arrangements Required For The Work Under The Contract Shall Be Obtained By The Contractor At Their Expense And Included In "Site Preparation And Mobilization". Any Electrical Work Required By The Project Shall Meet The Current National Electric Code, State And Local Codes As Applicable. The Contractor Shall Familiarize Themselves And Arrange To Comply With All Requirements As To Permits, Fees, Codes And Ordinances, Etc.
- Site Access:** The Contractor's Access To The Site Is Limited To The Locations As Shown On The Plans. Access Via Any Other Routes Or Gates Not Shown On The Plans Will Require Prior Written Approval By The Engineer.
- Existing Infrastructure Damage And Photo Log:** The Contractor Shall Protect Existing Infrastructure And Equipment Which Is Not Designated For Disposal. The Contractor, At No Additional Cost To The Owner, Shall Repair Any Damage To Existing Pavement, Turf, Electrical Equipment (Eg. Edge Lights), Cables, Utilities, Etc. Due To Contractor Negligence. Prior To Beginning Construction Or Hauling Activities, The Contractor Shall Make A Photo/Video Log Of The Work Area And Submit One (1) Copy To The Engineer. Media Must Be Date Stamped And Of An Adequate Quality To Determine Pre-Existing Conditions. All Contractor Claims Stating Damage Was Pre-Existing Prior To The Start Of Construction Must Be Supported From The Log.
- Site Restoration:** All Temporary Facilities, Including But Not Limited To, Stockpiles, Haul Roads, And Parking Shall Be Completely Removed From The Site At The Completion Of The Project And Disturbed Areas Of The Site Shall Be Restored To Their Original Condition Or Better. Turf Damage Shall

- Be Fine Graded (To Provide Positive Drainage), Seeded, Mulched, And Fertilized In Accordance With Construction Specifications.
- Staging And Stockpile Area:** Final Locations Of Staging And Stockpile Areas Shall Be Determined At The Pre-Construction Meeting. If Areas Are Located On Existing Turf, And Aggregate Is Used To Provide All Weather Conditions, The Aggregate Shall Be Removed And Topsoil Placed. Additional Topsoil Shall Be Imported As Needed To Provide An Adequate Seed Bed. Turf Damage Shall Be Fine Graded (To Provide Positive Drainage), Seeded, Mulched, And Fertilized In Accordance With Construction Specifications. All Work For The Staging And Stockpile Areas Shall Be Included In "Site Preparation And Mobilization." Seeding And Mulching Shall Be Paid For Under "Seeding" & "Mulching."
- FOD & Pavement Cleaning Broom:** Caution Shall Be Taken By The Contractor In Preventing Any Dust, Mud Or Other Foreign Objects And Debris (FOD) Which May Become A Hazard To Air And Ground Operations. The Contractor Shall Control Dust, Mud And FOD At All Times And May Require Full Time Operation Water Trucks Or Sweepers. The Contractor Shall Have A Street Broom (Broce 350-96" Broom, Virnig 96" Bobcat Attachment Angle Broom, Or Approved Equal) On Site And Available At All Times To Clean All Pavement Before Any Pavement Is Open, Included In "Site Preparation And Mobilization". Cleaning Equipment Shall Stay On Pavements, At All Times, To Ensure Mud And Other Debris Are Not Deposited On Wheels Of Equipment To Be Utilized For Cleaning Pavements. If, In The Opinion Of The Engineer, Dust Mud, Or FOD Is Not Being Controlled, They May Suspend Work And Make Necessary Arrangements For Dust Or Mud Control.
- Drainage:** Each Construction Phase/Area Shall Be Shaped To Allow Drainage Of Surface Or Ground Water During Each Work Operation. If Necessary, Surface Or Ground Water Shall Be Pumped Immediately From Each Construction Phase/Area In Compliance With The EPA Or DEQ Regulations.
- Dewatering:** Any Dewatering Activities Associated Shall Be Subsidiary To Construction And Included In Applicable Bid Items.
- Pay Items:** The Project Pay Items Provided Are To Be Inclusive Of All Work To Be Performed As Shown In These Plans. All Work Not Identified With A Specific Pay Item Is To Be Considered Required/Incidental Work To Complete The Project And Is To Be Included In The Cost Of Project Pay Items Provided.
- Removal Items:** All Items Designated For Removal Shall Become The

- Property Of The Contractor Unless Otherwise Noted. Contractor Shall Be Responsible For Complying With State And Federal Disposal Requirements. If Applicable, The Contractor Shall Reflect Salvage Values In Their Bid.

#### Project Specific Sample Notes:

- Electronic Files:** Limits, **Removals**, Etc. Are Not Stationed. Electronic Files Will Be Provided To The Contractor For Use When Staking For Construction.
- Activating Lighting Circuits:** Whenever The Contractor Is Required To Have Any Lighting Circuit Activated For Night Operations, The Contractor Shall Ensure That All Components Are In Place For Testing .
- Crop Damage:** Crop Damage For Construction Haul Route Shall Be Kept To A Minimum. Areas And Limits For The Haul Route Will Be Designated At The Time Of Construction. Any Excess Crop Damage Beyond The Agreed Areas Shall Be The Responsibility Of The Contractor And Compensated Accordingly. {The Contractor Shall NOT Be Required To Restore Crop Land Within The The Designated Haul Road Area But Shall Leave The Haul Road Intact At The Completion Of Construction. All Crop Disturbed Areas Beyond The Designated Limits Of The Haul Road Shall Be Returned To Their Original Soil Conditions.} {All Crop Disturbed Areas Shall Be Returned To Their Original Soil Conditions.}

### SHEET INDEX

- C1 TITLE SHEET**
- C2 TOPOGRAPHIC SURVEY AND REMOVAL PLAN**
- C3 SANITARY SEWER PLAN**
- C4 SANITARY SEWER PROFILES**
- C5 PUMP STATION**
- C6 PUMP STATION DETAILS**
- C7 PUMP STATION DETAILS**
- C8 PUMP DETAILS**
- C9 SOIL EROSION PLAN**
- C10 SOIL EROSION NOTES**
- C11 SOIL EROSION DETAILS**
- E1 ELECTRICAL DEMOLITION PLAN**
- E2 ELECTRICAL PLAN**
- E3 ELECTRICAL SPECIFICATIONS AND DETAILS**

### GENERAL NOTES

- THE APPROXIMATE LOCATION OF KNOWN CABLES AND UTILITIES ARE INDICATED ON THE PLANS. ALL CABLES AND UTILITIES MAY NOT BE SHOWN. PRIOR TO BEGINNING ANY WORK ALL CONTRACTORS SHALL HAVE CONTACTED ONE CALL TO LOCATE TELEPHONE, GAS, WATER, SEWER, COMMUNICATION, LIGHTING LINES AND ANY OTHER CABLES / UTILITIES WITHIN THE CONSTRUCTION SITE.
- EXISTING PAVEMENT, TURF, ROADS, CABLES, UTILITIES, AND INCIDENTALS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE ITEMS IDENTIFIED IN THE SCHEDULE OF APPROXIMATE QUANTITIES ARE INTENDED TO IDENTIFY THE MAJOR WORK ITEMS. ALL ITEMS NOT SPECIFICALLY MENTIONED SHALL BE CONSIDERED SUBSIDIARY TO BID ITEMS TO WHICH THEY ARE RELATED AND WILL NOT BE CONSIDERED AS PAY ITEMS.
- THE CONTRACTOR SHALL PRESERVE ALL SURVEY CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR ALL STAKING ON THIS PROJECT.
- PRIOR TO MOVING OFF THE JOB THE CONTRACTOR SHALL NOTIFY THE OWNER TO PERFORM A FINAL WALK-THROUGH INSPECTION.
- EXCAVATIONS THAT WILL BE OCCUPIED BY PERSONNEL SHALL BE MADE IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS. THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S (OSHA) EXCAVATION STANDARDS, 29 CODE OF FEDERAL REGULATIONS (CFR) PART 1926, SUBPART P, CONTAIN REQUIREMENTS FOR EXCAVATION AND TRENCHING OPERATIONS. OSHA STATES THAT A SOIL SHALL BE RECLASSIFIED IF THE PROPERTIES, FACTORS OR CONDITIONS AFFECTING THE SOIL'S CLASSIFICATION CHANGE IN ANY WAY. SHEET PILING AND/OR SHORINGS WILL BE NECESSARY IF THE SIDES OF THE EXCAVATION CANNOT BE SLOPED TO MEET OSHA REGULATIONS.
- THE PLAN QUANTITIES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL VERIFY ALL ITEMS.



**benesch**  
Alfred Benesch & Company  
825 M Street - Suite 100  
Lincoln, Nebraska 68508  
402-479-2200

Job No. -  
DESIGNED BY: MAS  
CHECKED BY: AL, P.E.  
QUANTITIES CHECKED BY:

PROJECT  
LIFT STATION REHAB  
DATE  
SEPT 2024

SHEET  
**C1**  
DRAWING NO.  
**1 OF 11**

**SANITARY LIFT STATION #15  
RELOCATION  
COLUMBUS, NEBRASKA**

**TITLE SHEET**

NO.	REVISIONS	DATE

