

Memorandum

To: Programs, Projects, and Operations Subcommittee

From: Eric Williams, Natural Resources Planner

Date: February 5, 2025

RE: Contract Amendment 2 with Felsburg, Holt, & Ullevig for Sorensen to Girard Trail

The District approved an Interlocal Agreement with Alegent Health and the City of Omaha for design and construction of the Sorensen Trail, Girard Connection in the area north of Sorensen Parkway on the east and west side of 72nd Street. After reviewing past experience with the type of services needed for this project, and based on previous successful work with the District, a contract for design was executed with Felsburg, Holt & Ullevig (FHU). The initial scope and fee were within management authority for approval.

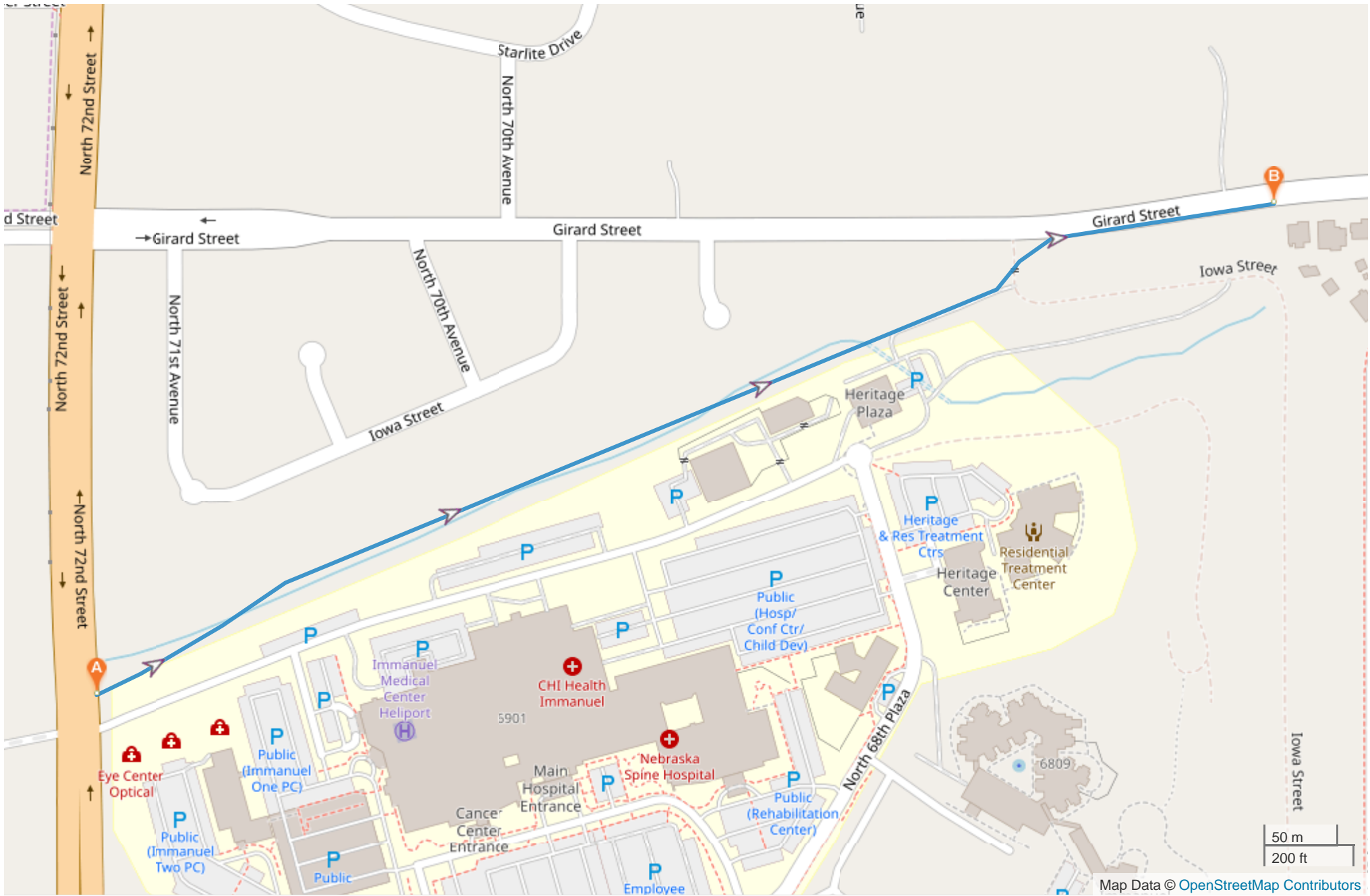
Omaha Public Works provided design review related to stormwater management and this projects has been assigned an OPW project number indicating there will be public works facility improvements. Construction of an OPW project has additional requirements for on-site inspection and documentation during the project. These stormwater improvements and associated inspection costs were not anticipated as part of the original design contract. FHU has an agreement with Ehrhart Griffin & Associates (EGA) to provide construction administration services for this project.

The construction of this project has been awarded to Navarro Lawn & Landscape (NL&L) and they have selected Linhart as a subcontractor for construction of the retaining wall along the trail. As part of the initial pre-construction meeting, Linhart has requested additional geotechnical information about the soils in the area where the wall is planned. This work was not included in the original design contract, and is provided at the request of the contractor based on specific conditions related to each construction project.

The initial contract was in the amount of \$97,798 with Amendment 1 for \$39,015. The updated contract including Amendment 2 will have a not to exceed amount of \$170,341.

- **Management recommends that the Subcommittee recommend to the Board of Directors that the General Manger be authorized to execute the proposed Amendment No. 2 to the Professional Services Agreement between the District and Felsburg, Holt & Ullevig for the Sorenson to Girard Trail Connection Project for the maximum amount of \$33,528 bringing the total maximum not to exceed contract amount to \$170,341, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

Girard Trail Connection



This is **EXHIBIT K**, consisting of [8] pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated [].

AMENDMENT TO OWNER-ENGINEER AGREEMENT
Amendment No. __2__

The Effective Date of this Amendment is: _____.

Background Data

Effective Date of Owner-Engineer Agreement:

Owner: Papio-Missouri River Natural Resources District

Engineer:

Project:

Nature of Amendment: [Check those that are applicable and delete those that are inapplicable.]

- Additional Services to be performed by Engineer
- Modifications to services of Engineer
- Modifications to responsibilities of Owner
- Modifications of payment to Engineer
- Modifications to time(s) for rendering services
- Modifications to other terms and conditions of the Agreement

Description of Modifications:

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

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January 17, 2025

Jennifer Thompson, PE
Felsburg Holt & Ullevig
14606 Branch Street, Suite 400
Omaha, NE 68154

RE: Sorensen to Girard Contract Amendment
EGA Project No. 221226

Dear Ms. Thompson,

As discussed between the FHU and EGA, the Sorensen to Girard Trail project has a Public Improvement Permit and a Grading Permit that will each require separate additional inspections and reporting. The inspections and reporting for the Public Improvement Permit and the Grading Permit were unforeseen and were not included in the original contract. Therefore, additional services are needed to perform the full-time resident construction observation as required by the Public Improvement Permit for the curb and gutter in Girard Street and the storm sewer system. Additional services are also needed to perform the erosion control inspections and reporting for the site, as required by the Grading Permit. Therefore, a contract amendment is necessary to complete this work.

Below highlights these services and fees to be included in the contract amendment:

- **Additional Construction Management Services**
 - Full-time resident construction observation services for the curb and gutter in Girard Street and the storm sewer system. Services include observation of:
 - Demolition
 - Tree Removal Check In
 - Misc Removals and Demo throughout trail path
 - Pipe Installation
 - Initial Grading for Pipe Area
 - Material Inspection and Documentation
 - Pipe Placement and Backfill
 - Survey Hub Review (document contractor methods of install)
 - FES Review (Omaha Standard Spec requirements)
 - Compaction Testing (establish communication with Geotech for email chain, coordinate for proctor samples of dirt for entire project timeline)
 - Thiele Geotech will be hired directly by the owner to complete the testing.
 - CCTV (Coordination, Review, Submittal, Resubmittal (if needed), and correspondence for entire process) (Includes Inlets)
 - Curb Inlet Installation
 - Survey Hub Review (document contractor methods of install)

- Assumed Cast-In-Place so multiple set ups for placement (IE First Pour = base, Second Pour = walls, Third Pour = Top/Deck & pavement incorporation)
 - Concrete Testing
 - Structure Review (form removal, grouting, etc)
 - Concrete Curb and Gutter
 - Grading (subgrade)
 - Subgrade Testing
 - Survey Hub Review (document contractor methods of install)
 - Form Review (confirm metal forms, methods to confirm proper height and thickness of material, tie-bar verification, joint discussion at inlets)
 - Concrete Placement
 - Concrete Testing
 - Backfill Review & Joint Sealant
 - OPW Public Improvement Completion and Closure
 - Site Walkthrough / Punchlist
 - Project Documentation for Closure (punchlist and emails)
 - Record Drawings (coordinate for needed information (storm), review and comment, file appropriate sheets for closure packet upload)
 - CCTV Follow Up and Punchlist Follow Up
 - Acquire City Approval Documents before Permix Upload
 - Closure Packet (gather all documents, compile all needed information, get signatures, submit)
 - Permix Upload
- Grading Permit/NPDES Erosion Control inspections and reporting.
 - NPDES Observations as described below. Observations average approximately one and a half hours per report and include site visits and report filing. Observations will be billed at the attached Construction Observer rates. Observations begin at the start of construction and end approximately 6 weeks after permit closure is requested. Permit closure is granted solely at the direction of the City of Omaha. The length of reporting is based upon the duration of the Contractor's schedule and speed at which they stabilize the site per permit requirements.
 - State of Nebraska and Papillion Creek Watershed Partnership (PCWP):
 - The engineer will maintain weekly reports while the grading and erosion control measures are being implemented to the following schedule:
 - Stage 1 sites will be weekly Site Inspections and reports with no more than 7 calendar days between Site Inspections.
 - Stage 2 will be every other week (14 days) Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches.
 - Stage 3 will be monthly Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches.

- Winter Stage will be monthly Site Inspections and within 24 hours of a storm event equal to or greater than 0.25 inches. Winter Stage remains for approved sites from December 1st to March 1st.
- Permit is in effect until "final stabilization" has been reached. Final stabilization occurs when all soil disturbing activities at the site have been completed, and a uniform perennial vegetative cover with a density of 70% of the cover for unpaved areas not covered by permanent structures has been established.

Total Contract Amendment - \$26,190.00 (HNTE)

Current Contract: \$40,070.00
Total Additional Fees - \$26,190.00
New Contract: \$66,260.00

Please execute and return one copy of this document to our office or via email. Please do not hesitate to call with any questions or comments.

Sincerely,
EHRHART GRIFFIN & ASSOCIATES

Mark Dethlefs

Mark Dethlefs, PE

Accepted this _____ day of _____, 2025

By: _____
Jennifer Thompson, PE

Geotechnical Evaluation Proposal (#23398.02)
OPW 54776 – Papio-Missouri River NRD
Sorenson to Girard Trail
72nd Street and Deaconness Drive
Omaha, Nebraska
February 4, 2025

Thiele Geotech, Inc. is pleased to submit our proposal for geotechnical evaluation related to the proposed pedestrian trail. The following sections detail our understanding of the project, our proposed scope of services, and the estimated cost of the study. A unit rate schedule for the project is attached in Exhibit A and the contract terms are attached in Exhibit B. This proposal will be held open for a period of 45 days from the above date.

PROJECT DESCRIPTION

Our understanding of the project is based upon project drawings prepared by Felsburg Holt & Ullevig (FHU) and information provided by Linhart Construction. Thiele Geotech, Inc. (TG) prepared a geotechnical exploration report for the project during preliminary design (TG Proj. No. #23398.01, dated 12/2/24).

The project consists of the construction of a pedestrian trail to the east of 72nd Street, north of Immanuel Medical Center in the abandoned railroad corridor. The pedestrian trail will extend from 72nd Street to Girard Street primarily on the south side or the center of the sloped ravine area. The site is mostly composed of heavily vegetated steep slopes with an inclination of about 1.5H:1V up to about 50 feet in total height. To accommodate the proposed grading, a precast modular retaining wall is proposed on the west portion of the trail approximately 550 linear feet. The wall has exposed retained heights of about 8 feet and is expected to be 10.5 feet in maximum height. The wall is proposed to be a gravity retaining wall with a 1.5H:1V backslope above and the pedestrian trail in front of the wall with a 1.5H:1V slope beyond to existing grade. Depending on our evaluation, the retaining wall may be required to move to the north side of the trail to allow for the existing slope to remain mostly intact. Other earth retention systems may also be considered, such as a soil nail wall, earth anchors, or mechanically stabilized earth (MSE) wall or slope.

SCOPE OF SERVICES

Our proposed geotechnical evaluation will consist primarily of slope stability (global stability) analyses of the proposed configuration and analyses for the feasibility of the retaining wall system. Other general wall configurations may be evaluated based on the results of the initial analyses such as a wall on the north side of the trail or an MSE wall configuration. Additional earth retention systems may also be evaluated for global stability, if necessary.

We will provide a letter summarizing the results of the analyses with recommendations for support of the retaining wall or other earth retention systems. Design criteria will be provided based on the system determined to be feasible. Depending on the results of the analyses, the overall retaining wall area and trail alignment may need to be redesigned to accommodate our recommendations.

ESTIMATED COST & SCHEDULE

Professional services will be billed at the unit rates listed in Exhibit A. Based on the indicated work scope, the total cost for this study is estimated at \$3,900 to \$4,290. The maximum amount will not be exceeded for the geotechnical evaluation unless additional work is authorized.

Approximately 2 weeks from your notice to proceed will be required to complete the scope above. The schedule is somewhat dependent on receipt of drawing files and other information that may be required from others. If this proposed schedule does not meet your project requirements, we would be happy to discuss alternate schedules.


ADDITIONAL SERVICES

Subsequent to completion of the geotechnical letter, additional services are often required that are not included in the above estimate. These include consultation with the design team and review of the final plans and specifications. In addition, construction phase quality control testing is an additional service not included in the above estimate. An environmental assessment, if required, can also be performed as an additional service. If we are requested to provide additional services including, but not limited to the above, you will be billed in accordance with Exhibit A or our normal fee schedule. We would be happy to provide cost estimates for any additional services at your request.

EXHIBITS

- Exhibit A – Cost Estimate
- Exhibit B – General Conditions

THIELE GEOTECH, INC.

By:  _____

Brett J. Priebe

13478 Chandler Road

Omaha, Nebraska 68138-3716

402/556-2171 Fax 402/556-7831

CLIENT: _____

By: _____ Date: _____

Name: _____

Address: _____

City, State: _____

Phone: _____ Fax: _____

Description	Estimated Quantity	Unit Rate	Estimated Cost
Retaining Wall - External Stability and Feasibility			
Senior Project Engineer (/hr.)	2.0	226.00	452.00
Principal Engineer (/hr.)	0.5	328.00	164.00
Global Stability Analyses			
Senior Project Engineer (/hr.)	4.0	226.00	904.00
Principal Engineer (/hr.)	0.5	328.00	164.00
Additional Wall Configurations or Earth Retention Systems			
Senior Project Engineer (/hr.)	3.0	226.00	678.00
Principal Engineer (/hr.)	1.0	328.00	328.00
Summary Letter			
Senior Project Engineer (/hr.)	3.0	226.00	678.00
Principal Engineer (/hr.)	1.0	328.00	328.00
Senior Drafter (/hr.)	2.0	102.00	204.00
		Subtotal	3,900.00
Contingency		10%	390.00
		Total	4,290.00

Agreement Summary:

Original agreement amount:	\$ <u>97,798</u>
Net change for prior amendments:	\$ <u>39,015</u>
This amendment amount:	\$ <u>33,528</u>
Adjusted Agreement amount:	\$ <u>170,341</u>

Change in time for services (days or date, as applicable): N/A

The foregoing Agreement Summary is for reference only and does not alter the terms of the Agreement, including those set forth in Exhibit C.

Owner and Engineer hereby agree to modify the above-referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect.

OWNER:

Papio-Missouri River Natural Resources District

By: _____

Name: John Winkler

Title: General Manager

Date Signed:

ENGINEER:

Felsburg Holt & Ullevig

By: Matthew B. McFadden

Name: Matthew B. McFadden

Title: Principal

Date Signed: 2/4/2025

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