

Memorandum

To: Programs, Projects, and Operations Subcommittee

From: Eric Williams, Natural Resources Planner

Date: September 5, 2024

RE: Contract Amendment No. 1 with FHU for the Sorenson to Girard Trail

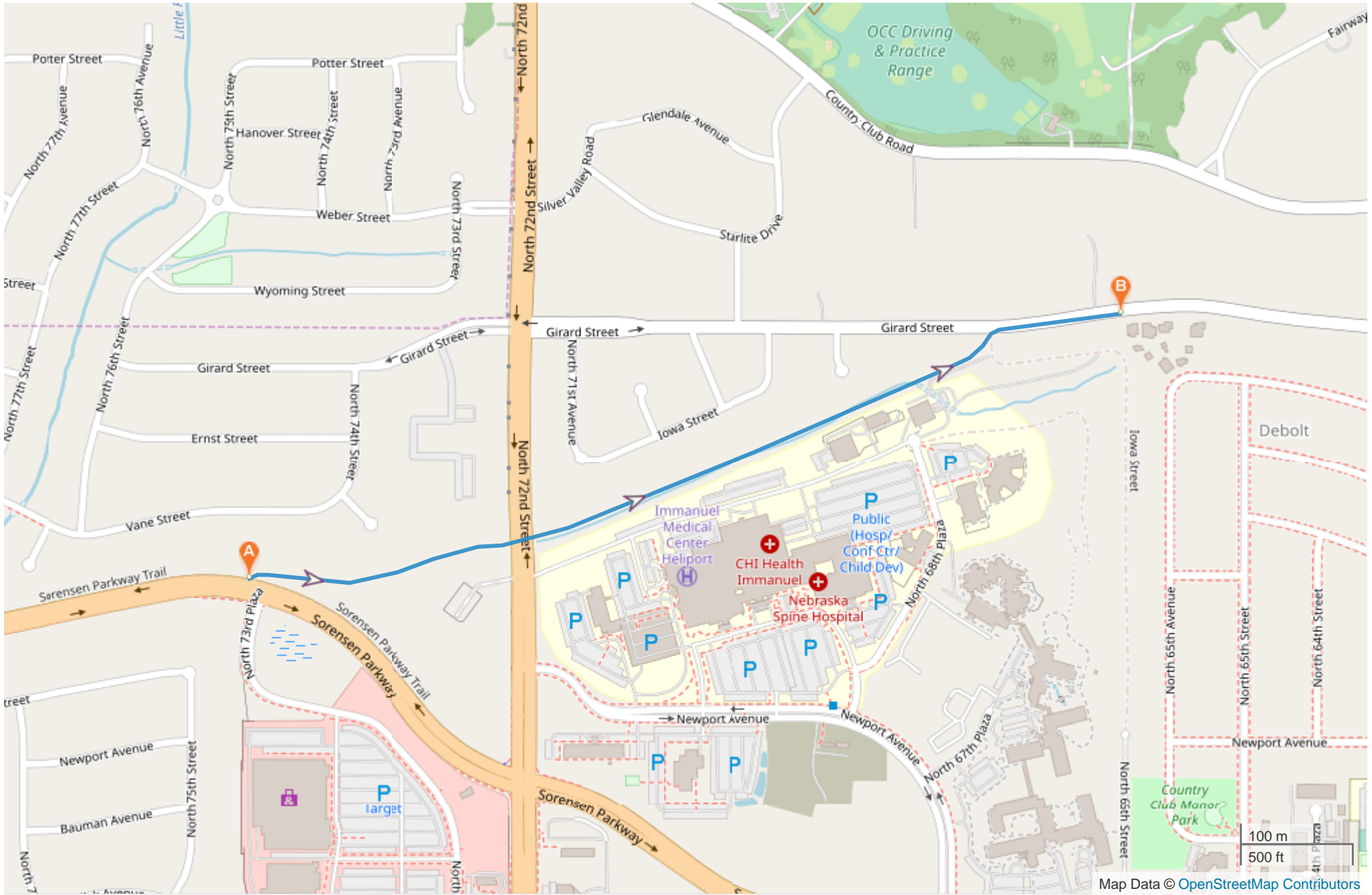
The District approved an Interlocal Agreement with Alegent Health and the City of Omaha for design and construction of the Sorensen Trail, Girard Connection in the area north of Sorensen Parkway on the east and west side of 72nd Street. After reviewing past experience with the type of services needed 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.

During the design process, a curb and gutter was included along the southern edge of Girard Street to manage existing drainage and prevent water on and over the trail. Through analysis of the existing drainage infrastructure in the area, FHU anticipates that additional design may be required for stormwater management on and around the trail, and with connections to the existing infrastructure. This work was not included in the original scope and FHU has provided an amendment to the existing contract. The total amount of the modified contract will exceed management authority for administrative approval, and staff recommends that the Board approve the amendment to the contract.

The initial contract was in the amount of \$97,798 and the amendment is for \$39,015 with a new contract not to exceed \$136,813.

- **Management recommends that the Subcommittee recommend to the Board of Directors that the General Manger be authorized to execute the proposed Amendment No. 1 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 \$39,015 bringing the total maximum not to exceed contract amount to \$136,813, subject to changes deemed necessary by the General Manger and approval as to form by District Legal Counsel.**

Sorensen to Girard Trail Connection



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

AMENDMENT TO OWNER-ENGINEER AGREEMENT
Amendment No. 1

The Effective Date of this Amendment is: _____.

Background Data

Effective Date of Owner-Engineer Agreement: July 19, 2023

Owner: Papio-Missouri River Natural Resources District

Engineer: Felsburg Holt & Ullevig

Project: Sorensen to Girard Trail Connection

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.

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services, Copyright © 2014 by the National Society of Professional Engineers, American Council of Engineering Companies, and American Society of Civil Engineers. Those portions of the text that originated in copyrighted EJCDC documents remain subject to the copyright. A redline comparison copy highlighting the modifications will be made available upon request if you have not already received one.

**Amendment 1 for
Sorensen to Girard Trail Connection Project
August 20, 2024**

Task 1 – Project Management

- a. *Project Management* –This amendment requires additional design effort; therefore, additional project management effort.

Task 2 – Meetings

- a. *Progress Meetings* – Felsburg Holt & Ullevig, (FHU) will attend an additional progress/review meeting with the City Parks and Public Works Department.

Task 3 – Topographic Information

- a. Ehrhart Griffin & Associates (EGA) will complete additional topographic survey for drainage design needs and provide it to FHU. The necessary topographic information will include existing drainage structures, flow paths, and areas within Girard Street right-of-way (see Exhibit K-1).

Task 7 – Drainage Analysis

- b. *Existing hydrologic and hydraulic analysis* - FHU will perform additional effort for an existing hydrologic and hydraulic analysis according to the standards and practices of the City of Omaha Regional Stormwater Design Manual. This includes additional drainage basin delineations and determination of existing versus proposed peak flows for the two alternatives, identification of existing sewer/culvert capacity in the project area, and calculations for new storm sewer
- c. *Proposed hydrologic and hydraulic analysis* - Under the same standards and practices, FHU will perform additional effort to evaluate any effects from the project on peak flows which includes sizing and design of storm sewer, ditches, drainage structures, and sizing of detention features. Calculations for the post-construction stormwater management plan features will also be performed under this task. This task includes updates made to the drainage study as a result of the additional existing and proposed conditions analysis that will be submitted to the City.
- e. *Stormwater detention design (if needed)* - If it is determined to be needed or required, Consultant will design and prepare plans for a single, small-scale stormwater detention facility that will also accommodate water quality control requirements in accordance with City of Omaha Post Construction Stormwater Management Plan criteria.

Task 9 – Design Plan Submittals

- b. *Final Plans* - FHU will complete additional drainage plan and profiles, paving, and grading plans to prepare a final plan set in accordance with City of Omaha standards.

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

**Amendment 1
Sorensen to Girard Trail Connection
Papio-Missouri River Natural Resources District (PMRNRD)**

8/21/2024

TASKS	Man Hours By Task							Total
	PR	PM	Sr. Eng.	Eng V	Sr. Designer	Env. IV	Admin.	
1 Project Management	2	8					2	12
2 Meetings (1)		3	3	4				10
3 Topographic Survey (FHU Coordination)				2	2			4
7 Drainage Analysis								
b Existing Hydrologic & Hydraulic Analysis			2			16		18
c Proposed Hydrologic & Hydraulic Analysis			4			28		32
e Stormwater Detention Design (if needed)			8			44		52
9 Design Plan Submittals								
b Final Plans								
Additional Drainage P&P/Paving/Grading Plans		2	4	4		32		42
TOTAL HOURS	2	13	21	10	2	120	2	170
Billing Rate	\$295.00	\$235.00	\$235.00	\$205.00	\$200.00	\$180.00	\$105.00	
TOTAL FEE	\$590	\$3,055	\$4,935	\$2,050	\$400	\$21,600	\$210	\$32,840

DIRECT PROJECT EXPENSES

ITEM	QUANTITY		UNIT PRICE	MARK UP	
Mileage	60	Miles	\$0.670	1.1	\$44
Printing (11x17)	200	Sheets	\$0.19	1.1	\$42
Postage/Shipping/Misc.				1.1	
EGA (Additional Topo Survey)	1	Each	\$5,535.00	1.1	\$6,089
TOTAL DIRECT PROJECT EXPENSES					\$6,175

MAXIMUM AMOUNT PAYABLE

\$39,015

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services, Copyright © 2014 by the National Society of Professional Engineers, American Council of Engineering Companies, and American Society of Civil Engineers. Those portions of the text that originated in copyrighted EJCDC documents remain subject to the copyright. A redline comparison copy highlighting the modifications will be made available upon request if you have not already received one.

Agreement Summary:

Original agreement amount:	\$ <u>97,798</u>
Net change for prior amendments:	\$ <u>N/A</u>
This amendment amount:	\$ <u>39,015</u>
Adjusted Agreement amount:	\$ <u>136,813</u>

Change in time for services (days or date, as applicable): _____

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:

ENGINEER:

Papio-Missouri River Natural Resources District

Felsburg Holt & Ullevig

By: _____

By: _____

Name: John Winkler

Name: Matt McFadden

Title: General Manager

Title: Principal

Date Signed:

Date Signed:

MODIFIED VERSION of

Exhibit K – Amendment to Owner-Engineer Agreement.

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services, Copyright © 2014 by the National Society of Professional Engineers, American Council of Engineering Companies, and American Society of Civil Engineers. Those portions of the text that originated in copyrighted EJCDC documents remain subject to the copyright. A redline comparison copy highlighting the modifications will be made available upon request if you have not already received one.

