

# Memorandum

To: Programs, Projects, and Operations Subcommittee  
From: Eric Williams, Natural Resources Planner  
Date: January 31, 2024  
RE: Contract Amendment No. 2 with EGA for the Beltline Trail Project

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The District signed an Interlocal Agreement with the City of Omaha for design and construction of the Beltline Trail in the area from Hamilton Street at Military Ave, to the Metro transit center north of 31st and Sprague Street. In March 2021, the District contracted with a design team led by Ehrhart Griffin and Associates (EGA) to develop a conceptual plan for the entire corridor, and to identify multiple phases of the project which can be constructed independently. This process allows the District to deliver benefits to residents in our community in a timely fashion. Construction for Phase 1 was completed in 2022, and Phase 2 in 2023. Design work on Phase 3 is currently in process and bidding is expected in 2024.

Phase 4 will be the connection from the northeast corner of Adams Park (the end of Phase 2), north along JA Creighton Boulevard, and connecting to the pedestrian crossing near Druid Hill Elementary School (the end of Phase 1). Separately, the City of Omaha will be upgrading the existing Paxton Boulevard Trail from Fontenelle Park to the same pedestrian crossing, providing expanded connectivity for recreation, active transportation, and access to natural resources. Through collaboration with additional stakeholders, the North Omaha Trail also meets at the same intersection on the northwest corner of Druid Hill Elementary School.

The recommended amendment to the professional services agreement includes adjustments for services which occurred during construction of Phase 2, updates to the scope and fee to complete the design work on Phase 3, and newly included scope and fee for construction management on Phase 3 as well as design and construction management for Phase 4.

- **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 Processional Services Agreement between the District and Ehrhart Griffin & Associates for the Beltline Trail Project for the maximum amount of \$208,998.54 bringing the total maximum not to exceed contract amount to \$847,764.54, subject to changes deemed necessary by the General Manger and approval as to form by District Legal Counsel.**



Illustration: Trial Alignment

This is **EXHIBIT K**, consisting of 12 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated March 12, 2021.

**AMENDMENT TO OWNER-ENGINEER AGREEMENT  
Amendment No. 2**

The Effective Date of this Amendment is: \_\_\_\_\_.

Background Data

Effective Date of Owner-Engineer Agreement: March 12, 2021

Owner: Papio-Missouri River Natural Resources District

Engineer: Ehrhart Griffin & Associates

Project: Beltline Trail

Nature of Amendment:

- 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:

***See attached.***

Agreement Summary:

Original agreement amount:	\$ 282,155.00
Net change for prior amendments:	\$ 356,611.00
This amendment amount:	\$ 208,998.54
Adjusted Agreement amount:	\$ 847,764.54

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

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**MODIFIED VERSION of**

**Exhibit K – Amendment to Owner-Engineer Agreement.**

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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

By: \_\_\_\_\_  
Name: John Winkler  
Title: General Manager

By: \_\_\_\_\_  
Name: Daniel J. Dolezal, PE  
Title: Partner, Project Manager

Date Signed:

Date Signed: January 29, 2024

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***MODIFIED VERSION of***

**Exhibit K – Amendment to Owner-Engineer Agreement.**

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January 26, 2024

John Winkler  
Papio-Missouri River Natural Resources District  
8901 S 154<sup>th</sup> Street  
Omaha, NE 68138

RE: Omaha Beltline Trail Contract Amendment 2  
EGA Project No. 211028

Dear Mr. Winkler,

The initial contract for the Omaha Beltline Trail project has concluded as the scope of services identified by Ehrhart Griffin & Associates and the design team have been performed and delivered. As discussed between the Papio-Missouri River Natural Resources District and EGA, a contract amendment is necessary to continue the project to completion.

During the design and construction efforts of Phases 2 and 3, we encountered additional services described below. In the spirit of keeping the project tracking we used funds originally allocated for other tasks and invoiced them accordingly. This request serves addresses the sum of those items in Phases 2 and 3 and will serve to see the project to completion through Phase 4.

Below highlights these services and fees to be included in the contract amendment, organized by phase:

**Phase 2: Total \$12,452.04**

- **Survey: Subtotal \$2,815.00**
  - **Dam Verification**
    - For the construction of the trail along the dam in Adams Park, a verification survey had to be completed to confirm that the trail was constructed per the Nebraska Department of Natural Resources requirements. The trail was not within the required specification the first time it was constructed, so it had to be reconstructed and surveyed again.
- **Construction Management: Subtotal \$6,400.00**
  - **Additional Observation**
    - Additional construction observations required due to the extended construction timeline of the project.
  - **Additional NPDES Inspections/Reports**
    - Additional inspections and reports required due to the extended construction timeline of the project.
  - **Dam Design and Verification**
    - For the engineering work necessary to design, coordinate and verify that the trail was constructed per the Nebraska Department of Natural Resources requirements.
- **Infrastructure: Subtotal \$3,237.04**
  - **Bridge Design and Construction Management**
    - This is to cover Infrastructures fees for the design and construction management of the bridge structure at the east side of Adams Park.

### **Phase 3: Total \$128,011.50**

- **Survey: Subtotal \$25,075.50**
  - **Centerline Staking**
    - For the staking of the centerline of multiple iterations of the proposed trail alignment to verify the existing conditions of the land that the trail will be on. This was due to the proposed trail alignment being changed during the design process. Staking the centerline is necessary to inspect the existing conditions of the land that the trail will be on. The existing conditions included heavily vegetated areas and forests. This was not included in the original scope.
  - **Tree Location Survey**
    - To survey the location of the trees along the length of the trail that are to be protected. During the walkthroughs of the land that the trail will be on to inspect existing conditions, there were trees that were noted by the NRD that were to be protected during construction. To do so, the locations of each tree needed to be surveyed and added to the construction documents. This was not included in the original scope.
  - **Encroachment Area Survey**
    - To survey the extents of neighboring properties' encroachment into the property that the trail will be constructed in. This was not included in the original scope.
  - **Permaculture/Sunflower Survey**
    - For the expanded survey of additional area in Permaculture and Sunflower property. This was not included in the original scope.
  - **Title Search**
    - To obtain a title search of the Landbank property to determine if there are existing easements. This was not included in the original scope.
  - **Land Rights/Easements Exhibits**
    - Work to prepare the legal exhibits showing the extents of the property that the trail will be on. This was not included in the original scope.
- **Design: Subtotal \$31,858.00**
  - **Moving the trail to protect trees.**
    - During the walkthroughs of the land that the trail will be on to inspect existing conditions, there were trees that were noted by the NRD that were to be protected during construction. The alignment of the trail needed to be moved in order to protect the existing trees. This was not included in the original scope. This is to cover the layout, grading, and plan updates associated with the alignment change.
  - **Retaining Wall Design**
    - Due to a change to the alignment of the trail, a retaining wall along the trail was needed to protect existing trees and to ensure that the cross slope of the trail meets accessibility requirements. This was not included in the original scope. This is to cover the layout, grading, and plan updates associated with the design of the retaining wall.
  - **Storm Sewer System Design**
    - It was decided that the trail is to be raised and not allow runoff to flow over the top of the trail from one side to the other. This created swales along the trail, and the need for storm sewer inlets to capture the stormwater runoff in the swales. This was not included in the original scope. This is to cover the layout, drainage, and plan updates associated with the design of the storm sewer system.
  - **OPPD Coordination**
    - For the additional coordination efforts with OPPD regarding the proposed amenities in the trailhead area beneath the high wires. This additional coordination was not included in the original scope.

- **Spec Book**
  - This is to compile a book of specifications to be used by the contractor during construction.
- **Bidding**
  - This is to compile documents necessary for bidding and selecting a contractor. This is also for calling contractors to invite them to bid, and to address any questions regarding the plans during the bidding process.
- **Construction Management: Subtotal \$43,059.00**
  - **Tree Removal**
    - This is needed to ensure that only the trees that have been marked for removal are removed. All trees removed will be counted and documented.
  - **NPDES Inspections/Reports**
    - This is for the required grading permit inspections and reports during construction.
  - **Construction Observation**
    - This is for daily periodic inspections of construction to ensure that the trail is being constructed per plan. This is also for the Engineer's review of shop drawings and Requests for Information.
  - **Public Improvement Parking Stalls CM**
    - As required by the Public Improvement Permit, the parking stalls along Military Ave will need full time resident construction observation. This includes coordination with the contractor and material tester, and pavement form review.
  - **Project Closeout**
    - This is for preparing the documents and record drawings necessary to close-out the project, including final walkthroughs.
- **Project Management: Subtotal \$4,400.00**
  - **Project Management**
    - This is for attending meetings and for the review inspection reports and contract documents.
- **RDG: Subtotal \$5,000.00**
  - **Design and Coordination Services**
    - This is due to the project extending into 2025 for CA and additional coordination meetings.
- **Thiele Geotech: Subtotal \$18,619.00**
  - **ESA 1**
    - This is for the Environmental Site Assessment #1 that was deemed necessary for the land purchase.
  - **Material Testing**
    - This is for the testing of materials during construction.

**Phase 04: Total \$68,535.00**

- **Design: Subtotal \$16,364.00**
  - **Construction Documents**
    - This is to design the trail and prepare drawings and specifications for construction.
  - **Community Engagement**
    - This is to prepare handouts and go door to door to meet with the owners of the properties affected by the trail construction.
  - **Coordination/Meetings**
    - This is for design team meetings and coordination.
  - **Spec Book**
    - This is to compile a book of specifications to be used by the contractor during construction.
  - **Bidding**

- This is to compile documents necessary for bidding and selecting a contractor. This is also for calling contractors to invite them to bid, and to address any questions regarding the plans during the bidding process.
- **Construction Management: Subtotal \$19,610.00**
  - **NPDES Inspections/Reports**
    - This is for the required grading permit inspections and reports during construction.
  - **Construction Observation**
    - This is for daily periodic inspections of construction to ensure that the trail is being constructed per plan. This is also for the Engineer's review of shop drawings and Requests for Information.
  - **Project Closeout**
    - This is for preparing the documents and record drawings necessary to close-out the project, including final walkthroughs.
- **Project Management: Subtotal \$3,080.00**
  - **Project Management**
    - This is for attending meetings and for the review inspection reports and contract documents.
- **RDG: Subtotal \$15,000.00**
  - **Wayfinding (Signage)**
    - This prepare wayfinding plans and details, and construction management services.
  - **Public Engagement**
    - This is to prepare handouts and go door to door to meet with the owners of the properties affected by the trail construction.
  - **Coordination/Meetings**
    - This is for design team meetings and coordination.
- **Thiele Geotech: Subtotal \$6,981.00**
  - **Material Testing**
    - This is for the testing of materials during construction.
- **Survey: Subtotal \$7,500.00**
  - **Topographic Survey**
    - This is for purchasing the topographic survey from the City of Omaha.

**Total Contract Amendment - \$208,998.54** (Please see attached fee worksheet for a more detailed breakdown).

A new 2025 rate table (Exhibit F) is attached as well.

Please do not hesitate to call with any questions you may have regarding these services. The terms and conditions of our original agreement remain unchanged by this contract amendment.

Sincerely,  
EHRHART GRIFFIN & ASSOCIATES

Daniel J. Dolezal, PE





**Breakdown of Hours**

EGA211028, Beltline Trail Phase 03

	ENGINEERING					SURVEYING				Construction Managment				TOTAL		
	VP	Principal	PM	Des Eng	Eng Tech	SDM	PLS	Surv Tech	Field Crew	CM	Obs II	Obs I	Other			
Survey																
Centerline Staking (x3)														\$ 8,338.00	\$8,338.00	
Tree Location Survey														\$ 5,634.00	\$5,634.00	
Encroachment Area Survey														\$ 2,309.00	\$2,309.00	
Permaculture/Sunflower Survey														\$ 2,238.00	\$2,238.00	
Title Search														\$ 870.00	\$870.00	
Land Rights/Easements Exhibits														\$ 5,686.50	\$5,686.50	
															<b>\$25,075.50</b>	<b>SUBTOTAL</b>
Design																
Move trail to protect trees		4	20	30											\$8,490.00	
Retaining Wall Design		4	20	30											\$8,490.00	
Storm Sewer System Design		4	20	30											\$8,490.00	
OPPD Coordination		4	8												\$2,160.00	
Specbook			3												\$480.00	
Bidding			20		4										\$3,748.00	
															<b>\$31,858.00</b>	<b>SUBTOTAL</b>
Construction Management (5 month duration)																
Tree Removal										16					\$2,560.00	
NPDES Inspections/Reports										12					\$1,920.00	
Construction Observation			15		15					108					\$21,735.00	
Public Improvement Parking Stalls CM			6							65					\$11,360.00	
Project Closeout			12		12					12					\$5,484.00	
															<b>\$43,059.00</b>	<b>SUBTOTAL</b>
Project Management		20													\$4,400.00	
															<b>\$4,400.00</b>	<b>SUBTOTAL</b>
RDG														\$ 5,000.00	\$5,000.00	
															<b>\$5,000.00</b>	<b>SUBTOTAL</b>
Thiele																
ESA 1														\$ 7,000.00	\$7,000.00	
Material Testing														\$ 11,619.00	\$11,619.00	
															<b>\$18,619.00</b>	<b>SUBTOTAL</b>
Total Hours	0	36	124	90	31	0	0	0	0	213	0	0	\$ 48,694.50			
	\$270.00	\$220.00	\$160.00	\$147.00	\$137.00	\$170.00	\$153.00	\$137.00	\$305.00	\$160.00	\$110.00	\$100.00	\$1.00			
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$7,920.00</b>	<b>\$19,840.00</b>	<b>\$13,230.00</b>	<b>\$4,247.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$34,080.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$48,694.50</b>	<b>\$128,011.50</b>	<b>TOTAL</b>	

**Breakdown of Hours**

EGA211028, Beltline Trail Phase 04

	ENGINEERING					SURVEYING				Construction Managment			Other	TOTAL		
	VP	Principal	PM	Des Eng	Eng Tech	SDM	PLS	Surv Tech	Field Crew	CM	Obs II	Obs I				
Design																
CD's		2	20		30		2									\$8,056.00
Community Engagment (6 properties)			16													\$2,560.00
Coordination/Meetings		4	4													\$1,520.00
Specbook			3													\$480.00
Bidding			20		4											\$3,748.00
																<b>\$16,364.00</b>
																<b>SUBTOTAL</b>
CM																
NPDES Inspections/Reports										45						\$7,200.00
Construction Observation			8		4					45						\$9,028.00
Project Closeout			8		6					8						\$3,382.00
																<b>\$19,610.00</b>
																<b>SUBTOTAL</b>
PM		14														\$3,080.00
																<b>\$3,080.00</b>
																<b>SUBTOTAL</b>
RDG - Wayfinding/Community Engagement														\$ 15,000.00		\$15,000.00
																<b>\$15,000.00</b>
																<b>SUBTOTAL</b>
Thiele - Material Testing														\$ 6,981.00		\$6,981.00
																<b>\$6,981.00</b>
																<b>SUBTOTAL</b>
Survey														\$ 7,500.00		\$7,500.00
																<b>\$7,500.00</b>
																<b>SUBTOTAL</b>
Total Hours	0	20	79	0	44	0	2	0	0	98	0	0	\$ 29,481.00			
	\$270.00	\$220.00	\$160.00	\$147.00	\$137.00	\$170.00	\$153.00	\$137.00	\$305.00	\$160.00	\$110.00	\$100.00	\$1.00			
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$4,400.00</b>	<b>\$12,640.00</b>	<b>\$0.00</b>	<b>\$6,028.00</b>	<b>\$0.00</b>	<b>\$306.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$15,680.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$29,481.00</b>	<b>\$68,535.00</b>	<b>TOTAL</b>	

**STANDARD HOURLY RATE SCHEDULE:**

Principal	270.00/hr.
Vice President	270.00/hr.
Sr. Engineering Project Manager	220.00/hr.
Engineering Project Manager	160.00/hr.
Project Engineer	153.00/hr.
Design Engineer II	147.00/hr.
Design Engineer I	142.00/hr.
Engineering Technician II	137.00/hr.
Engineering Technician I	121.00/hr.
Construction Manager	160.00/hr.
Construction Observer II	110.00/hr.
Construction Observer I	100.00/hr.
Survey Department Manager	170.00/hr.
Professional Land Surveyor	153.00/hr.
Survey Technician	137.00/hr.
Survey Crew Aid	70.00/hr.
Survey Crew Chief	153.00/hr.
Survey Crew Chief W/ EDM	305.00/hr.
Survey Crew Chief W/ GPS	305.00/hr.
Survey Crew W/Drone	305.00/hr.
Office Clerical	100.00/hr.
Business Manager	100.00/hr.

**REIMBURSABLE EXPENSES:**

Federal/Airborne Express	37.00/ea.
Mileage	.63/mi.
Mylar Copy (24" x 36")	9.30/ea.
Mylar Copy (30"x 42")	11.60/ea.
Bond Copy (8½x11)	0.80¢/ea.
Bond Copy (8½x14)	0.90/ea.
Bond Copy ( 11 x 17)	1.00/ea.
Bond Copy (24 x36)	4.60/ea.
Bond Copy (30 x 42)	6.40/ea.
Color Copy (8½x11)	1.30/ea.
Color Copy (8½x14)	1.50/ea.
Color Copy ( 11 x 17)	3.60/ ea.
Color Copy (24x36)	6.90/ea.
Color Copy (30x42)	10.50/ea.
Scanning	1.30/sf.

PHASE 03 SERVICES ALREADY COMPLETED

CODE: 2C

PHASE 3 ADDITIONAL SERVICES

Shane R. Baker, LS

Professional Land Surveyor, L.S. - Partner					Invoice
Date		Dep	Description of Services		
6/5/2023	2.00	HRS S	ADD AREA FEES, ALIGNMENT POINTS		B8948
6/7/2023	2.00	HRS S	ADDITIONAL TOPO (ENCROACH AREA)		B8948
8/18/2023	1.50	HRS S	NEW ALIGNMENT STAKES		B9085
8/23/2023	1.50	HRS S	NEW ALIGNMENT STAKES		B9085
10/16/2023	1.00	HRS S	TRAIL EASEMENT		B9241
10/24/2023	0.50	HRS S	OPPD EASEMENT RESEARCH		B9241
11/1/2023	1.00	HRS S	TRAIL EASEMENTS		
11/2/2023	2.00	HRS S	TRAIL EASEMENTS		
12/6/2023	1.00	HRS S	PURCHASE PARCELS		
12/7/2023	2.50	HRS S	PARCEL EXHIBITS		
	<u>15.00</u>	HRS @	\$170.00 = \$2,550.00		

William A. White, LS

Professional Land Surveyor, L.S. - Partner					Invoice
Date		Dep	Description of Services		
3/7/2023	3.50	HRS S	Topographic Survey-ROW comp title work		B8741
3/13/2023	2.50	HRS S	easements from new title work		B8741
6/30/2023	1.00	HRS S	topo pickups		B9022
7/18/2023	5.50	HRS S	PCSMP LEGAL DESC AND SKETCHES		B9022
10/31/2023	8.00	HRS S	TRAIL EASEMENTS		
11/1/2023	2.00	HRS S	TRAIL EASEMENTS		
12/5/2023	1.50	HRS S	ACQUISITION DESCRIPTIONS COMP		
12/6/2023	7.00	HRS S	ACQUISITION DESCRIPTIONS COMP		
12/7/2023	1.00	HRS S	ACQUISITION DESCRIPTIONS COMP		
1/12/2024	3.50	HRS S	right-of-way dedication docs		
	<u>35.50</u>	HRS @	\$153.00 = \$5,431.50		

Michael J. Heine

Survey Assistant					Invoice
Date		Dep	Description of Services		
6/6/2023	2.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/6/2023	5.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/14/2023	7.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/15/2023	5.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/27/2023	2.00	HRS S	Topographic Survey/ Add. Topo		B9022
	<u>21.00</u>	HRS @	\$45.00 = \$945.00		

Ryan S. Negus

Survey Crew Chief with GPS and Total Statio					Invoice
Date		Dep	Description of Services		
6/6/2023	3.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/6/2023	5.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/14/2023	7.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/15/2023	4.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/22/2023	3.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/27/2023	2.00	HRS S	Topographic Survey/ Add. Topo		B9022
8/11/2023	2.00	HRS S	Topographic Survey/ Add. Topo		B9085
9/21/2023	6.00	HRS S	Topographic Survey/ Add. Topo		B9143
	<u>32.00</u>	HRS @	\$304.50 = \$9,744.00		

Christian P. Ehrhart

Survey Technician					Invoice
Date		Dep	Description of Services		
8/21/2023	4.00	HRS S	NEW ALIGNMENT STAKES		B9085
8/22/2023	4.00	HRS S	NEW ALIGNMENT STAKES		B9085
8/23/2023	4.00	HRS S	NEW ALIGNMENT STAKES		B9085
	<u>12.00</u>	HRS @	\$153.00 = \$1,836.00		

Jack H. Aronofsky

Survey Technician					Invoice
Date		Dep	Description of Services		
6/21/2023	3.50	HRS S	Topographic Survey/ Add. Topo		B8948
6/22/2023	8.00	HRS S	Topographic Survey/ Add. Topo		B8948
6/23/2023	1.50	HRS S	Topographic Survey/ Add. Topo		B8948
6/26/2023	3.00	HRS S	Topographic Survey/ Add. Topo		B9022
9/21/2023	1.00	HRS S	Topographic Survey/ Add. Topo		B9143
9/22/2023	4.00	HRS S	Topographic Survey/ Add. Topo		B9143
9/25/2023	3.00	HRS S	Topographic Survey/ Add. Topo		B9241
10/5/2023	1.50	HRS S	Topographic Survey/ Add. Topo		B9241
11/2/2023	1.50	HRS S	TRAIL EASEMENTS		
	<u>27.00</u>	HRS @	\$137.00 = \$3,699.00		

2C PHASE 3 ADDITIONAL SERVICES Total \$24,205.50

PHASE 03 SERVICES ALREADY COMPLETED

CODE: 4C

**PHASE 3 ADDITIONAL SERVICES - ENGINEERING**

Caleb J. Brunick-Clark

Design Engineer, E.I.

Date		Dep	Description of Services	Invoice
9/21/2023	2.50	HRS E	PH03 MOVING ALIGNEMNT	B9143
10/3/2023	7.25	HRS E	ADJUST SHEETS/ PROFILE	B9241
10/4/2023	6.00	HRS E	MEETING/REDESIGN ALIGNMENT	B9241
10/5/2023	4.25	HRS E	UPDATE LINEWORK/REMAKE CORRIDOR	B9241
10/8/2023	4.25	HRS E	FINISH CORRIDOR/MAKE RETAINING WALL	B9241
10/10/2023	3.25	HRS E	GRADING AROUND TREES	B9241
10/11/2023	5.50	HRS E	GRADING AROUND TREES AND SHEETS	B9241
10/12/2023	4.00	HRS E	GRADING/DRAINAGE CHANGES	B9241
10/13/2023	6.00	HRS E	DRAINAGE CHANGES/SHEETS	B9241
10/17/2023	7.00	HRS E	GRADING FOR WALL	B9241
10/18/2023	4.25	HRS E	FINISHING GRADING/DRAIANGE/BEGIN SHEETS	B9241
10/19/2023	4.75	HRS E	FINISHING UPDATED SHEETS	B9241
10/20/2023	1.00	HRS E	FINISHING UP UPDATED SHEETS	B9241
10/24/2023	4.00	HRS E	FIXED RETAINING WALLS/FINALISED GRADING AND DESIGN FII	B9241
10/25/2023	4.75	HRS E	LIMITS OF GRADING AND CONSTRUCTION/TYP SECTIONS/REM	B9241
10/27/2023	4.25	HRS E	SWPPP/STORM/CROSS SECTIONS	B9241
10/31/2023	4.00	HRS E	UPDATE SHEETS/DETAILS	
11/1/2023	1.75	HRS E	UPDATING COSTING TABLE	
11/3/2023	1.50	HRS E	FINISHING UPDATED SET	
11/10/2023	2.25	HRS E	ADDING UP UPDATED COSTS	
11/13/2023	3.50	HRS E	REGRADING TRAIL TO MINIMIZE SLOPE	
11/14/2023	1.50	HRS E	EXHIBIT FOR OPPD	
	89.00	HRS @	\$147.00 = 13,083.00	

Mark G. Dethlefs, PE

Project Engineer, P.E.

Date		Dep	Description of Services	Invoice
9/13/2023	3.00	HRS E	Phase 03 Site Walkthrough/meeting	B9143
9/14/2023	1.00	HRS E	Phase 03 Site Walkthrough/meeting notes and followup	B9143
9/14/2023	2.75	HRS E	Design meeting with Kene, Grant Street retaining wall design	B9143
9/18/2023	1.50	HRS E	Phase 03 site surveying coordination for new alignment and trees	B9143
9/20/2023	3.00	HRS E	Phase 03 meeting and plan preparation for new alignment	B9143
9/21/2023	2.00	HRS E	Phase 03 site walk with surveyor to locate trees	B9143
9/21/2023	2.00	HRS E	phase 03, update plans with new alignment and meeting with RDG	B9143
9/27/2023	1.00	HRS E	Phase 03 team meeting, site grading around trees	B9241
9/29/2023	0.50	HRS E	Phase 03 wall design	B9241
10/2/2023	2.00	HRS E	Coordination meeting follow-up, phase 03 design	B9241
10/3/2023	2.50	HRS E	Phase 03 plan updates around oppd power pole, trees	B9241
10/4/2023	2.00	HRS E	meeting coordination with neighbor, update plans for tree protection	B9241
10/9/2023	2.50	HRS E	Phase 03 wall and trailhead design	B9241
10/10/2023	6.50	HRS E	Grading and site design for wall section	B9241
10/11/2023	3.75	HRS E	Grading and site design for wall, redlining for caleb, exhibits for encro	B9241
10/12/2023	2.50	HRS E	Phase 03 storm drainage and connection design	B9241
10/24/2023	1.00	HRS E	Phase 03 OPPD coordination	B9241
10/24/2023	1.50	HRS E	CD plan review/coordination with updated alignment	B9241
10/25/2023	2.00	HRS E	Phase 03 wall design, cd redlining	B9241
10/26/2023	1.00	HRS E	Phase 03 plan review/redlining	B9241
10/27/2023	0.25	HRS E	Phase 03 plans with Caleb	B9241
10/30/2023	2.75	HRS E	Phase 03 Final Plans	
11/1/2023	1.00	HRS E	Phase 03 Final Plans.	
11/8/2023	0.50	HRS E	Phase 03 ods storm design	
11/8/2023	1.00	HRS E	Phase 03 CD Redlining/drainage review	
11/9/2023	4.00	HRS E	Phase 03 Redline CD Set - storm review	
11/13/2023	2.50	HRS E	Phase 03 OPPD Coordination	
11/14/2023	3.00	HRS E	Phase 03 OPPD Coordination, powerline exhibit	
12/5/2023	4.00	HRS E	Storm Sewer design	
1/10/2024	0.50	HRS E	Phase 03 plan review	
1/24/2024	0.50	HRS E	Phase 03 storm coordination	
	64.00	HRS @	\$153.00 = \$9,792.00	

Daniel J. Dolezal, PE

Senior Engineering Manager, P.E. - Partner

Date		Dep	Description of Services	Invoice
9/20/2023	1.00	HRS E	ZOOM W/OPPD RE RESTRICTIONS	B9143
10/11/2023	2.00	HRS E	TEAM MTG	B9241
1/22/2024	1.00	HRS E	ADDL SERV REVIEW wMD	
	4.00	HRS @	\$220.00 = \$880.00	

**4C PHASE 3 ADDITIONAL SERVICES - ENGINEERING Total \$23,755.00**