

## RE: Amendment for County Project 97-218

Dear Mr. Ahmed:

On October 8, 2023, Dakota County signed the contract with Alliant to provide design engineering consultant services for county project 97-218, which included evaluation and replacement of existing retaining walls on CSAH 38 in Apple Valley. Since that time, the scope of the project has evolved with numerous wall offsets and wall materials being evaluated as well as the duration of the project has been extended. Amendment 1 was executed in September 2025.

Two of the four walls continued to be discussed and reviewed causing additional efforts beyond what was estimated in fall of 2025. The sections below describe each major work task remaining along with key assumptions. A detailed spreadsheet documenting the hours and fee associated with each task is also included with this letter.

Alliant Engineering appreciates the opportunity to continue to work with Dakota County to deliver the CSAH 38 retaining wall replacement project.

## SCOPE OF SERVICES

### TASK 1 – PROJECT MANAGEMENT

Original Scope: The project started in October 2023 with design complete in April 2024. Amendment 2 extended coordination until December 2025.

Change in Scope: Due to schedule delays and additional design iterations, design of wall 11 will now be complete in October 2026.

Justification of additional work to complete the project: Due to the time extension, additional meetings and coordination are needed for a longer duration.

Task includes:

- 30 minute biweekly calls January 2026-October 2026. Assume up to 20 calls.
- Additional administration/coordination efforts
- Alliant internal reviews

**Design Fee:** \$23,240

### TASK 9 – FINAL CONSTRUCTION PLANS

Original Scope: Amendment 2 was established following resolution on the wall types to move forward with. The plan set would include 4 walls (walls 11, 12, 13, 14), with walls 12 and 13 being MnDOT standard plan walls designs, and walls 11 and 14 being custom cast in place wall due to the short heal to leave the existing walls in place.

Change in Scope: Further design and analysis of walls 11 and 14, resulted in wall limitations that the county could not support due to long term construction restrictions in front of the walls. Additional wall types were evaluated, wall selection was made and design and plan production advanced.

June 10, 2026

**Imran Ahmed**

*Dakota County Transportation Dept  
14955 Galaxie Avenue, 3<sup>rd</sup> Floor  
Apple Valley, MN 55124*

**Alliant Engineering, Inc.**

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The county determined that the intersection of CSAH 38/Diamond Path has poor sight lines and is prone to accidents. The county needs time to review safety improvements for the intersection, putting wall 14 on hold. Wall 14 design/plan set will be covered in a future amendment once decisions are made. This amendment does cover initial alignment and wall type discussions based on the county's intersection/safety improvements.

Justification of additional work to complete the project: Due to the increased complexity and time spent discussing options for walls 11 and 14, it was decided to break the project into two plan sets (one plan for walls 12 and 13 and one plan set for walls 11 and 14). TKDA was also brought on to complete the design of walls 11 and 14 due to the increased complexity and analysis needed. Due to the safety concerns at wall 14, it has been decided that wall 11 will be a standalone plan set and move forward with wall 14 being on hold. The plan set for walls 11 and 14 was already prepared and now needs wall 11 broken out as a separate plan set.

**Design Fee:** \$32,680

Expenses:

- Design and analysis has been added to TKDA's subconsultant for wall 11 and wall type determination discussions for wall 14 (up to 40 hours of effort on wall 14).  $\$41,750 + \$8,000 = \$49,750$

Schedule for Wall 11:

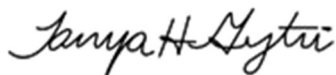
- 60% Plan: June 19, 2026
- 90% Plan: August 6, 2026
- Final Plan: September 24, 2026

Original Contract Fee	\$254,761.00
Amendment 1 (time extension only)	\$0
Amendment 2	\$148,562.00
Amendment 3	\$105,670.00
Total Contract (with Amendment 2 and 3)	\$508,993.00

We again thank you for the opportunity to continue working with Dakota County and we are ready and eager to continue the work. If you have any questions about this scope and fee or want to discuss it in further detail, please contact me at the email address or phone number listed below.

Sincerely,

Alliant Engineering, Inc.



Tanya Gytri, PE  
Project Manager

✉ **EMAIL** tgytri@alliant-inc.com  
☎ **DIRECT** 612.428.7344

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<b>Alliant Engineering</b>										
<b>Dakota County CSAH 38 Retaining Wall - Trail Design</b>										
<b>Hours and Fee Estimate (Amendment 3)</b>										
<b>Original Contract Fee</b>		\$254,761.00								
<b>Amendment 1</b>		\$0.00								
<b>Amendment 2</b>		\$148,562.00								
<b>Amendment 3</b>		\$105,670.00								
<b>New contract amount</b>		\$508,993.00								

Task	Description	Hours							TEAM TOTAL	TASK TOTAL COST
		Alliant Engineering								
		Project Manager	Senior Professional Engineer	Professional Engineer	Graduate Engineer	Technician	Wetland Delineation	Survey		
<b>1.0</b>	<b>Project Management</b>	<b>64</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106</b>	<b>\$23,240.00</b>
	<i>Administration</i>	8							8	\$1,960.00
	<i>Coordination</i>	8							8	\$1,960.00
	<i>Timely Document Delivery</i>								0	\$0.00
	<i>Project Meetings (Additional Bi-Weekly Calls)</i>	40	10						50	\$11,600.00
	<i>QA/QC Functions</i>	8	32						40	\$7,720.00
	<i>Deliverables</i>								0	\$0.00
<b>2.0</b>	<b>Public and Agency Involvement</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
	<i>Public Involvement</i>								0	\$0.00
<b>3.0</b>	<b>Surveys and Mapping</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
	<i>Surveys and Mapping (3)</i>								0	\$0.00
<b>4.0</b>	<b>Geotechnical Information - Included in Braun Intertec Fee</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
<b>5.0</b>	<b>Environmental</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
<b>6.0</b>	<b>Public and Private Utility Identification and Coordination</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
	<i>Utility Investigation</i>								0	\$0.00
	<i>Utility Relocation Locate</i>								0	\$0.00
<b>7.0</b>	<b>Right of Way</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
	<i>Parcel Sketches</i>								0	\$0.00
<b>8.0</b>	<b>Retaining Wall Evaluation</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
	<i>Wall Analysis and Design Recommendation</i>								0	\$0.00
<b>9.0</b>	<b>Final Construction Plans (5)</b>	<b>24</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>184</b>	<b>\$32,680.00</b>
9.1	Wall 11 - 800 LF (A)	16	0	40	0	80	0	0	136	\$24,120.00
9.1.1	Trail Design								0	\$0.00
9.1.2	Drainage Design (6)								0	\$0.00
9.1.3	MOT/Signing/Striping - SHOW IN TASK 10 TO MATCH SCOPE								0	\$0.00
9.1.4	Road Reconstruction Design - NONE								0	\$0.00
9.1.5	Retaining Wall Plan Updates (breaking the wall into a separate plan)	16		40		80			136	\$24,120.00
9.2	Wall 12 - 180 LF (B)	0	0	0	0	0	0	0	0	\$0.00
9.2.1	Trail Design - NONE								0	\$0.00
9.2.2	Drainage Design (7)								0	\$0.00
9.2.3	MOT/Signing/Striping - SHOW IN TASK 10 TO MATCH SCOPE								0	\$0.00
9.2.4	Road Reconstruction Design - NONE								0	\$0.00
9.2.5	Retaining Wall Plan Updates								0	\$0.00

