

**AMENDMENT TO PUBLIC CONTRACT FOR SERVICES
UNIVERSITY AND QUEBEC TURN LANE DESIGN
DOUGLAS COUNTY PROJECT NUMBER CI 2024-027
AMENDMENT NUMBER ONE (1)
PURCHASE ORDER NUMBER: 2025019
ACCOUNT NUMBER: 800100.473100 (New PO # will be requested using BU800117)**

THIS AMENDMENT is entered into as of this _____ day of _____, 2025, by and between the Board of County Commissioners of the County of Douglas, State of Colorado (the “County”), and Muller Engineering Company (the “Consultant”).

WHEREAS, the County and the Consultant entered into a certain Public Contract for Services dated January 9, 2025 (the “Contract”); and

WHEREAS, the County and the Consultant originally agreed to a Maximum Contract Expenditure for services in the amount of **\$80,338.00**. Compensation for the additional work associated with this Amendment Number One (1) shall be **\$34,459.00**; and

WHEREAS, the County and the Consultant desire to amend the Contract by increasing the Maximum Contract Expenditure which may be paid to the Consultant, by amending the Scope of Work and by adding additional payment terms; and

WHEREAS, the County has budgeted and appropriated the necessary funds to satisfy the financial obligations set forth in the Contract.

NOW, THEREFORE, the parties hereto mutually agree as follows:

1. Section 4 of the Contract is hereby amended to read:

“Maximum Contract Expenditure. Any other provision of this Contract notwithstanding and pursuant to Section 29-1-110, C.R.S., the amount of funds appropriated for this Contract is \$114,797.00. In no event shall the County be liable for payment under this Contract for any amount in excess thereof. The County is not under obligation to make any future apportionment or allocation to this Contract nor is anything set forth herein a limitation of liability for Consultant. Any potential expenditure for this Contract outside the current fiscal year is subject to future annual appropriation of funds for any such proposed expenditure.

THE COST OF THIS ADDITIONAL WORK SHALL NOT EXCEED: \$ 34,459.00

PREVIOUSLY APPROVED PCS REVISIONS: \$ 0.00

TOTAL FOR ALL PCS REVISIONS (TO DATE): \$ 34,459.00

TOTAL FOR ORIGINAL PCS: \$ 80,338.00

GRAND TOTAL INCLUDING ALL PCS REVISIONS SHALL NOT EXCEED: \$ 114,797.00

ACTUAL TIME AND MATERIALS FOR SERVICES PROVIDED SHALL BE BILLED MONTHLY.

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2. **Exhibit A** of the Contract is hereby amended by adding the additional work contained in the attached Exhibit A-1, incorporated herein by this reference.
3. **Exhibit B** of the Contract is hereby amended by adding the payment terms related to the additional work contained in the attached Exhibit B-1, incorporated herein by this reference.
4. The remainder of the Contract shall remain in full force and effect.

CHRIS PRATT **DATE**
Senior Assistant County Attorney

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PROJECT MANAGER REQUIRED TO COMPLETE:

Name of Contact at Consultant's Place of Business: (example: Joe Smith, ABC Consulting, Inc.) _____ **John Hausman, P.E.**

Email Address of Contact: jhausman@mullereng.com _____

Phone # of Contact: 303-988-4939 _____

Address of Contact: 7245 West Alaska Drive, Suite 300 _____

Lakewood, CO 80226 _____

July 17, 2025

Ms. Amy Strouthopoulos, PE
Pavement Management Supervisor
Douglas County Department of Public Works Engineering
3030 Industrial Way
Castle Rock, CO 80109

RE: Quebec/Lincoln/University eastbound right-turn lane analysis and concept design – Amendment 1

Dear Ms. Strouthopoulos:

The work and scope items included in the original Quebec/Lincoln/University eastbound right-turn lane analysis and concept design scope are considered complete.

This letter is to document the requested amendment to the task order to continue to investigate the potential addition of an eastbound right-turn lane at the Quebec Street/Lincoln Avenue/University Boulevard intersection based on the comments received from Douglas County staff to investigate two concept modifications that include a channelized right turn lane and island.

Task 1: Project Administration/Management/Meetings

Project Administration, Management, and Meetings will continue for this additional work as outlined in the original Scope of Work.

Task 2: Concept Design and Cost Estimate

Two new concepts will be developed for the right turn lane:

- Both concepts will include widening on the south leg of University Boulevard to account for an eastbound right turn slip lane and a new channelizing island in the southwest quadrant. Signal poles and associated signal equipment in the southwest quadrant will be relocated as needed to accommodate the channelizing island and slip lane. The existing inlet in the southwest quadrant will require replacement/relocation. The design will extend grading limits south of University Boulevard to reduce or eliminate the need for a retaining wall.
- Concept 2A will include either a signalized or yield condition at the merge point with SB traffic.
- Concept 2B will include approximately 500 feet of widening along SB Quebec Street from the QLU intersection south to the existing USPS access; this widening will accommodate a new SB auxiliary lane. The design along Quebec Street on the south leg will be drawn over aerial.

The concept design submittal will include the following sheets:

- Concept 2A:
 - Removal Sheet (x1)
 - Utility Identification and Potential Conflict Sheet (x1)
 - Concept Layout (x1)
- Concept 2B:
 - Removal Sheet (x2)
 - Utility Identification and Potential Conflict sheet (x2)
 - Concept Layout (x2)

In addition, a conceptual level construction cost estimate will be developed for each of the two concept layouts.

Deliverables:

Concept Design Sheets
Concept Level Construction Cost Estimates

Exclusions:

Project Specifications
Design Plans with Tabulations
Hydraulic analysis and documentation
Geotechnical Engineering and Pavement Design
Utility Plans and Relocation Design

Proposed Schedule

With anticipated NTP in early August 2025 the design team will be prepared to immediately begin concept design on Options 2A and 2B. The concept design work will take approximately 6 weeks to complete.

Notice to Proceed: August 2025
Concept Design: August to September 2025
Concept Design submittal by September 30, 2025

Estimated Fee

Muller estimates that the Scope of Work outlined above can be completed for a fee of \$62,926. As there is currently \$28,468 remaining in the original task order budget that can be utilized for this additional work, **this amendment requests an additional not-to-exceed fee of \$34,459.**

Thank you for the opportunity to assist Douglas County with this additional task. Please let us know if you have any questions or comments on the scope and fee amendment. We look forward to continuing to work with you.

Sincerely,
MULLER ENGINEERING COMPANY, INC.



John Hausman
Senior Project Manager/Project Principal

Appendix B-1
MULLER ENGINEERING COMPANY
PROJECT FEE ESTIMATE



CLIENT: DOUGLAS COUNTY

PROJECT: QUEBEC/LINCOLN/UNIVERSITY RIGHT TURN LANE ANALYSIS AND CONCEPT DESIGN

PROPOSAL NO.: 918.49

PROJECT NO.: 20-027.03

PREPARED BY: N Doss

DATE: 7/17/2025

CHECKED BY: J Hausman

PROPOSED TOTAL FEE: \$ 34,459

PHASE NO.	TASK CODE	ITEM DESCRIPTION <div>Staff Member Last Name >>> 2025 Billing Rate>>></div>	LABOR (HOURS)										SUBCONSULTANTS		EXPENSES		TOTALS				
			Hausman	Doss	Sheehan	Hawthorne	Ferrufino	Schlager	Gould	Chingarande	Wulliman	Sierra	HCL	IDAX	GPS ROVER	TRAVEL	TIME (HOURS)	LABOR COST	SUBCONSULTANTS	EXPENSES	SUBTOTAL
			Project Manager 7L	Project Engineer 5H	Senior Project Engineer 6L	Project Engineer 4	Project Manager 6L	Project Engineer 5H	Technician/CADD Operator 3	Design Engineer 1	Project Manager 6H	Project Accountant									
100		Project Management	\$225	\$193	\$203	\$167	\$203	\$193	\$123	\$123	\$214	\$144									
	000	Project Management and Administration	6	24								2					32	\$ 6,270			\$ 6,270
	020	External Meetings	4	4	2			2				2					14	\$ 2,892			\$ 2,892
	030	Internal Meetings	4	4	4	4		4				4					24	\$ 4,780			\$ 4,780
		SUBTOTAL	14	32	6	4	0	6	0	0	6	2	\$ -	\$ -	\$ -	\$ -	70	\$ 13,942	\$ -	\$ -	\$ 13,942
200		Concept Design																			
	050	Data Gathering/Review				4			4								8	\$ 1,160			\$ 1,160
	510	Roadway Design			30	100			60								190	\$ 30,170			\$ 30,170
	200	Stormwater Engineering					6	12	8								26	\$ 4,518			\$ 4,518
	300	Traffic Engineering	6	20					12	30							68	\$ 10,376			\$ 10,376
	060	Utility/Irrigation/RR Coord & Design							12		6						18	\$ 2,760			\$ 2,760
		SUBTOTAL	6	20	30	104	6	12	96	30	6	0	\$ -	\$ -	\$ -	\$ -	310	\$ 48,984	\$ -	\$ -	\$ 48,984
		TOTAL HOURS	20	52	36	108	6	18	96	30	12	2					380				
		TOTAL LABOR	\$ 4,500	\$ 10,036	\$ 7,308	\$ 18,036	\$ 1,218	\$ 3,474	\$ 11,808	\$ 3,690	\$ 2,568	\$ 288						\$ 62,926			
		TOTAL EXPENSES											\$ -	\$ -	\$ -	\$ -			\$ -	\$ -	
		TOTAL FEE																	\$ 62,926		
		ORIGINAL SCOPE REMAINING FEE¹																	\$ 28,468		
		AMENDMENT 1 TOTAL FEE																	\$ 34,459		

Notes:
1. Remaining Fee from the Original Scope of Work is \$80,338.00 (original budget) - \$48,746.75 (budget spent through last invoice (June 21)) - \$3,125.75 (remaining HCL budget for parcel exhibit and description for proposed easement) = \$28,468.00