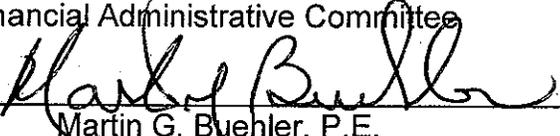


Prairie Crossing Bike Path
LCDOT Change Order No. 1

TO: Public Works and Transportation Committee
Financial Administrative Committee

FROM: 
Martin G. Buehler, P.E.
County Engineer

Committee Action Meeting Date

DATE: 11-10-10

DATE:

SUBJECT: Change Order No.1
Section No.

Joint Committee action item approving Change Order No. 1 consisting of an increase of \$15,069.42 for additions to the Prairie Crossing Bike Path Phase I Engineering Services, designated as Section No. 09-00171-13-BT.

- Prairie Crossing Bike Path Phase I Engineering Services: LCDOT Change Order No. 1
- Change Orders need to be approved by the standing committees for cumulative net increases over 10%.
- The Prairie Crossing Bike Path Phase I, is under contract with McClure Engineering Associates, Inc., in the amount of \$73,787.97.
- Additional engineering services are being requested for several revisions to the original scope of work as detailed in the attached Supplement No. 1.

Summary:

Original awarded contract:	\$73,787.97
Change Order No.1:	\$15,069.42
Sum of all changes:	\$88,857.39

#10-1118

ILLINOIS DEPARTMENT OF TRANSPORTATION

Request for Approval
of Change in Consultant Contract

Date: 10/28/2010

Local Agency: LAKE COUNTY

Request: No. 1

Name: Prairie Crossing Buke Path

To: Lake County Division of Transportation

Section: 09-00171-13-BT

Consultant: McClure Engineering Associates

I recommend that an addition be made to the above consultant contract.

The estimated work is listed below

Original contract amount for services described:	\$73,787.97
---	-------------

Sum of all previous contract change orders:	\$0.00
--	--------

Item #	Description	Additions	Deductions
1	Preparation of Plan and Profile Sheet, cross-sections, and a preliminary environmental site assessment.	\$15,069.42	
2			
3			
TOTALS		\$15,069.42	\$0.00
NET CHANGE		\$15,069.42	\$0.00

Net ADDITION change to date \$15,069.42 which is 20.42 % of the original contract amount for services described

State fully the nature and reason for change:

Please see attached.

Revised contract amount for services described:	\$88,857.39
--	-------------

When the net increase or decrease in the cost of the contract is \$10,000 or more, or the time of completion is increased or decreased by 30 days or more, one of the following statements shall be checked.

The undersigned determined that the circumstances which necessitated this change were not reasonably foreseeable at the time the contract was signed.

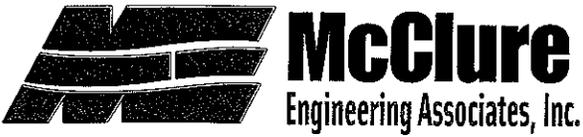
The undersigned determined that the circumstances which necessitated this change were not within the contemplation of the contract as signed.

The undersigned determined that this change is in the best interest of the local agency and is authorized by law.

Project Engineer *Manuel* Date 10-28-10

Engineer of Design *Paula Tuggs* Date 10-28-10

Approved _____ Date _____
County Engineer



July 30, 2010

Lake County Division of Transportation
600 W. Winchester Road
Libertyville, IL 60048

Attn: Chuck Gleason

Re: Prairie Crossing Bike Path
Phase I Report
MEAI Project No. 02-28-09-072



In our initial scoping meeting with the Illinois Department of Transportation, we were advised that a categorical exclusion would be granted and a BLR 22211 would be acceptable in lieu of a complete Phase 1 Project Report.

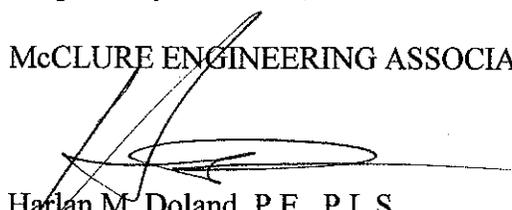
In the process of completing BLR 22211, IDOT required several items originally anticipated to be performed under the Phase 2 design contract. Items such as detailed plan and profiles and typical sections were required. A preliminary environmental site assessment was required. These items were originally budgeted in the Phase 2 contract.

Completing these items has caused us to exceed the Phase 1 contract amount by \$15,069.42. We, therefore, request an adjustment in the contract amount to cover the services provided to meet IDOT requirements.

If you should have any questions, please contact our office.

Respectfully submitted,

McCLURE ENGINEERING ASSOCIATES, INC.



Harlan M. Doland, P.E., P.L.S.
Division Manager/Vice President

W:\DATA\WORDDOC\doland\LCDOT\Prairie Crossing Bike Path\contract adjustment.doc

2728 Grand Avenue | Waukegan, IL 60085 | Phone: 847.336.7100 | Fax: 847.336.7155

EXHIBIT C

Lake County
Division of Transportation
Prairie Crossing Bike Path
Scope of Services

Phase II Engineering

Task 1 – Preparation of Plans, Special Provisions, and Estimate of Cost and Time

	<u>Manhours</u>
1) Cover sheet and general notes	8
2) Typical sections	8
3) Develop preliminary plan and profile with options	40
4) Develop final plan and profile	80
5) Develop preliminary cross sections from options	40
6) Develop final cross sections	80
7) Storm sewer and drainage design	40
8) Prepare grading easements (Review appraisal and negotiations by LCDOT)	40
9) Retaining wall design (if necessary)	40
10) Prepare standard details	24
11) Suggested traffic control plans	8
12) Special provisions	40
13) Erosion control plans	20
14) Stormwater pollution prevention plan	40

15) Calculate quantities, estimate of cost and time	80
16) Draft summary of quantities	16
17) Review meetings with the LCDOT and IDOT	16
18) Revisions per the LCDOT reviews and comments	80
19) Revisions per IDOT reviews and comments	<u>80</u>

MANHOUR TOTAL TASK 1 780

Task 2 – Review Agency Coordination

1) Coordination with LCSMC	
2) Coordination with Village of Mundelein	
3) Coordination with Mundelein Park and Recreation District	
4) Coordination with IDOT	
5) Coordination with Fire Department	
6) Coordination with Utility Companies	<u>120</u>

MANHOUR TOTAL TASK 2 120

Task 3 - Permitting

1) Prepare PESA	80
2) Permit processing with LCSMC	20
3) Phase II processing with IDOT	<u>80</u>

MANHOUR TOTAL TASK 3 180

Task 4 – Soil Borings

1) Soil Borings	\$1,737.00
-----------------	------------

TOTAL TASK 4 \$1,737.00

Task 5 – Project Management and Construction Administration

1) Project Mangement	50
2) Construction Administration	<u>40</u>

MANHOUR TOTAL TASK 5 90

MANHOUR TOTAL 1,170

Exhibit A - Preliminary Engineering

Route: _____
 Local Agency: Lake County

 (Municipality/Township/County)
 Section: 09-00171-13-BT

 Project: CMM-9003(557)

 Job No.: 91-325-10

*Firm's approved rates on file with IDOT'S
 Bureau of Accounting and Auditing:
 Overhead Rate (OH) 176.90%
 Complexity Factor 0
 Calendar Days 210

Method of Compensation:

- 14.5% [DL + R(DL) + OH(DL) + IHDC]
 14.5% [DL + R(DL) + 1.4(DL) + IHDC]
 14.5% [(2.3 + R)DL + IHDC]

 Lump Sum

Cost Estimate of Consultant's Services in Dollars

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead*	Services By Others	In-House Direct Costs (IHDC)	Profit	Total
Preparation of Plans,	Principal		\$63.30						
Special Provisions and	Project Manager		\$48.41						
Estimate of Cost and	Prof. Civil Eng.	60.00	\$35.20	\$2,112.00	\$3,736.13			\$847.98	\$6,696.11
Time	Prof. Structural Eng.		\$47.00						
	Engineer Tech	20.00	\$26.41	\$528.20	\$934.39			\$212.08	\$1,674.67
	Prof. Land Surv.		\$37.42						
	Drafters/CADD	80.00	\$26.41	\$2,112.80	\$3,737.54			\$848.30	\$6,698.64
	Clerical		\$20.74						
Review Agency Coord.	Project Manager		\$48.41						
	Prof. Civil Eng.		\$35.20						
Permitting	Project Manager		\$48.41						
	Prof. Civil Eng.		\$35.20						
	Engineer Tech		\$26.41						
Soil Borings	Subcontractor					\$1,737.00			
Project Management	Principal		\$63.30						
and Const. Admin.	Clerical		\$20.74						
Travel and In Plant	Allowance								
Totals		160.00		\$4,753.00	\$8,408.06	\$1,737.00	\$2,464.50	\$357.35	\$15,069.42
							\$2,464.50	\$1,908.35	\$15,069.42