

**LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT CONTRACT CHANGE ORDER**
Page 1 of 2

To (Contractor):

Marrilia Design & Construction
259 West Short Street
Suite 325
Lexington, KY 40507

Date:	February 10, 2015
Project:	Senior Citizen Center Constructio
Location:	Lexington
Contract No.	227-2014
Original Contract Amt.	\$8,882,900.00
Cumulative Amount of Previous Change Orders	\$160,591.55
Percent Change - Previous Change Orders	1.81%
Total Contract Amount Prior to this Change Order	\$9,043,491.55
Change Order No.	9

You are hereby requested to comply with the following changes from the contract plans and specification;

Current Change Order

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
1	Unsuitable soils at footings excavated and filled with 43 cy of flowable fill (2/10/15)		\$7,725.88
2	Unsuitable soils at footings excavated and filled with 25 cy of flowable fill (2/11/15)		\$4,773.88
		\$0.00	
			\$12,499.76
		\$12,499.76	
		\$9,055,991.31	
			0.14%
			1.95%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by	<i>James Stroman</i>	Project Manager	Date	2/13/15
Accepted by	<i>Paul W. Mansel</i>	(Contractor)	Date	2/13/15
Approved by	<i>David B. Barden</i>	(Director)	Date	2/14/15
Approved by	<i>Jeff Beck</i>	(Commissioner)	Date	2/18/15
Approved by	<i>Sally Smith</i>	(Mayor or CAO)	Date	2/18/15

JUSTIFICATION FOR CHANGE

PROJECT: Senior Citizen Center Construction

CONTRACT NO. 227-2014

CHANGE ORDER: 9

1. Necessity for change: Unsuitable soils discovered at column footings .9/A & B.7/.9 and at .9-1.5/D. Undercut and fill with flowable fill.
2. Is proposed change an alternate bid? ___ Yes X No
3. Will proposed change alter the physical size of the project? ___ Yes X No
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___ Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___ Yes X No
If "Yes", will the policies be extended? ___ Yes ___ No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: Add 3 days.

Duff Hamill
Mayor

2/18/15
Date



LFUCG-Senior Center Soil Remediation Worksheet

Description	Quantities		Sub-Totals
	Unit Rates	Recorded	
Structural Over Excavation (Soil)-CYDS	\$7.00	43	\$301.00
Load and Haul Excess Over-Excavation Soils Off Site-CYDS	\$7.00	43	\$301.00
Structural Back Fill (DGA)-Tons	\$25.00		\$0.00
Structural Backfill (Structural Flowable Fill)-CYDS	\$150.00	43	\$6,450.00
Overhead Daily Cost	\$449.25	1.5	\$673.88
Time Delay		1.5	
We request 1.5 days be added to the schedule due to the large excavation/pour.			
Total Cost=			\$7,725.88



THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

• 125 Trade Street, Suite D, Lexington, Kentucky 40511-2616 / 859-226-0761 / Fax 859-226-0763

www.thelenaassoc.com

Offices

Erlanger, Kentucky
Lexington, Kentucky
Cincinnati, Ohio
Dayton, Ohio

Drate

Attention:

PROJECT NO.: 140955L

PROJECT: Senior Center

PROJECT LOCATION: Lex

CONTRACTOR: Hubbard

DATE: 2/10

MILEAGE: 15

TIME ARRIVED: 9:45

TRAVEL TIME (min.): 30

TIME DEPARTED: 3:30

TOTAL TIME (hrs.): 6.25

SUMMARY

Bearing

Cont. Footing from 1.6 2-1.2/A

Line stabilized for 10 brown moist, soft clay slip. +3000lb.

removed to 40" below + observed

at 40" depth all movement ceased

1.6/1.7/A

Footings removed and replaced with material. 3'-4" and diameter - check notes.

material removed to 7' below bearing

at 7' below bearing @ .9/1.8

at 6' below bearing

at 6' below bearing

at column footing @ B.7/1.9.

Volume of material =

$$18.7 \text{ yd}^3 + 5.66 \text{ yd}^3 + \text{Cyl}^3 = 26.36 \text{ x } 10^3$$

Column Footing @ .9/A

Cont. Footing

Column Footing @ B.7/1.9



THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

• 125 Trade Street, Suite D, Lexington, Kentucky 40511-2616 / 859-226-0761 / Fax 859-226-0763

www.thelenassoc.com

Offices
Erlanger, Kentucky
Lexington, Kentucky
Cincinnati, Ohio
Dayton, Ohio

Attention:

PROJECT NO.: 140955

PROJECT: *on site*

PROJECT LOCATION: *lot*

CONTRACTOR: *Harwood*

DATE: *4/15/15*

TIME ARRIVED: *8:45*

TIME DEPARTED: *1:00*

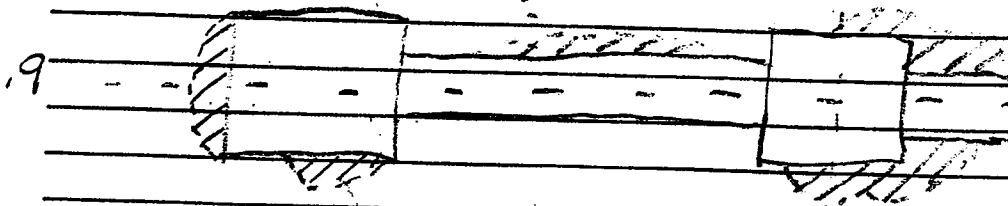
MILEAGE: *10*

TRAVEL TIME (min.): *30*

TOTAL TIME (hrs.): *5.25*

SUMMARY

collapse of side walls on all
excavations increased volume of
material to be placed at ground
level.



Area of
collapse. *B.7*

Excavate 11' diameter. *43 yd³*



LFUCG-Senior Center Soil Remediation Worksheet

Description	Unit Rates	Quantities		Sub-Totals
		Recorded		
Structural Over Excavation (Soil)-CYDS	\$7.00	25		\$175.00
Load and Haul Excess Over-Excavation Soils Off Site-CYDS	\$7.00	25		\$175.00
Structural Back Fill (DGA)-Tons	\$25.00			\$0.00
Structural Backfill (Structural Flowable Fill)-CYDS	\$150.00	25		\$3,750.00
Overhead Daily Cost	\$449.25	1.5		\$673.88
Time Delay		1.5		
We request 1.5 days be added to the schedule due to the large excavation/pour				
Total Cost=				\$4,773.88



THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

125 Trade Street, Suite D, Lexington, KY 40511 / 859-226-0761
Erlanger, Kentucky • Cincinnati, Ohio • Dayton, Ohio

Arrive: 8:45 AM

Depart:

CLIENT: LFUGG

PROJECT: Senior Center

SUBJECT: Undercuts

PROJECT NO: 140955L

DATE: 2/11/15

ENGINEER: JM

CHECKED: _____

SHEET: 1 OF 2

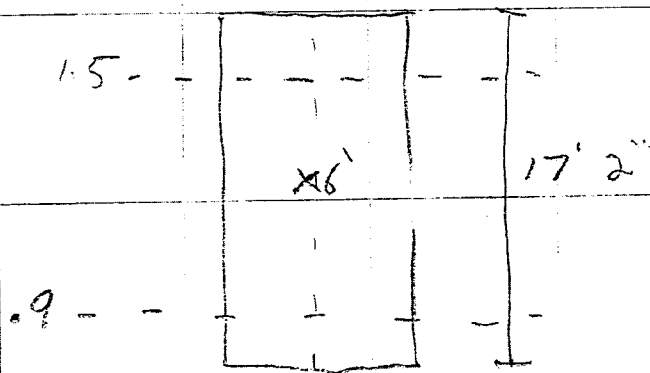
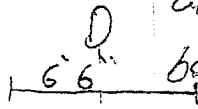
Column Footings between CL, 19-15/0

Excavations exposed soft, saturated silty clay with large shear rock at bearing elevation.

Undercut to 2' below bearing to expose topsoil layer approx 10" in thickness.

Undercut to 6' below bearing to expose multiple topsoil seams, soft silty clay w/ large shear rock max dimension approx 2'.

also observed sanitary line in both sides of excavation.



Undercut = 24.8 yd³

Allowable Fill placed.



THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

125 Trade Street, Suite D, Lexington, KY 40511 / 859-226-0761
Erlanger, Kentucky • Cincinnati, Ohio • Dayton, Ohio

CLIENT: LFuels

PROJECT: Senior Center

SUBJECT: Parking Area Excav.

PROJECT NO: 140955

DATE: 2/11/15

ENGINEER: JM

CHECKED: _____

SHEET: 2 OF 2

Additionally writer observed
Croucher personnel excavate storm in
parking lot area.

In excavations writer observed
approx 2' layer of topsoil over
1' layer of Grey to black, saturated,
Heavy organic soil layer, appears to
be flood plain remnant which was filled over.

It should be noted that observation
in Parking area is outside the
writers Scope. In writers opinion
conditions need to be brought to
the attention of the owner.



Lexington-Fayette Urban County Government
DEPARTMENT OF GENERAL SERVICES

TRANSMITTAL

Date: February 18, 2015

Contract Number: 227-2014

Purchase Order Number: LF00120278

Bid Package Number: 99-2014

Capital Project Number: TBD

Work Order Number: N/A

Building: Senior Citizen Center

Project Description: Replacement Senior Citizen Center Construction

To: Josh Marrillia, Marrillia Design & Construction RE: Change Order #9

CC: Meredith Nelson, Council Clerk
Trina Brown, Social Services

From: Joyce Thomas, General Services *JT*

We Are Sending You:

- Contract
- Warranties
- Payment Application
- Operation and Maintenance Manuals
- Attached
- Plans

Item	Copies	Description	Pages	Date
1.	1	Change Order #9 – Fully Executed Copy	8	2/18/15

THESE ARE TRANSMITTED AS INDICATED BELOW:

- FOR APPROVAL
- FOR YOUR USE
- FOR YOUR REVIEW AND COMMENT
- OTHER:
- FOR ACTION
- FOR FILE
- FOR SIGNATURE

REPLY BY _____ TO AVOID DELAY IN CONSTRUCTION

Remarks: