

**BOARD OF PUBLIC WORKS AND SAFETY  
Agenda Request Form**

(Form B-01-2012)

*Organizations and individuals are asked to submit a request form and supporting documents to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard. Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:00 p.m. in City Hall located at 70 E. Monroe Street.*

<b>Date Submitted:</b>	December 23, 2020	<b>Meeting Date:</b>	January 4, 2021
<b>Contact Information:</b>			
<b>Requested by:</b>	Mark Richards		
<b>On Behalf of Organization or Individual:</b> Department of Planning & Engineering			
<b>Telephone:</b>	317-736-3631		
<b>Email address:</b>	mrichards@franklin.in.gov		
<b>Mailing Address:</b>	70 E. Monroe Street, Franklin, IN 46131		
<b>Describe Request:</b>			
Approval of change orders 3 and 6 for West Jefferson St. Roundabout project.			
<b>List Supporting Documentation Provided:</b>			
Change Order #3 Change Order #6			
<b>Who will present the request?</b>			
<b>Name:</b>	Mark Richards	<b>Telephone:</b>	317-736-3631

*In order for an individual and/or agency to be considered for new business on the Board of Works agenda, this reservation form and supporting documents must be received in the Mayor's office no later than 4:00 p.m. on the Wednesday before the meeting.*

Contract No:R -38544

Change Order No.: 003

Page: 1

**INDIANA Department of Transportation**  
**Construction Change Order and Time Extension Summary**

**Contract Information**

District:SEYMOUR DISTRICT

Contract No.: R -38544

AE:Wren, Rachel

Letting Date:11/14/2019

PE/S:Wright, Chris

Status:Draft

**Change Order Information**

Date Generated: 07/31/2020

Change Order No.: 003

Date Approved: 00/00/0000

EWA: Y or Force Acct: N

Reason Code: CHANGED COND, Constructability Related

Description: Lightpole Foundation for 16' Poles

Original Contract Amount \$ 2,817,617.61

Current Change Order Amount \$ -3,581.90

Percent: -0.127 %

Total Previous Approved Changes \$ 4,182.96

Percent: 0.149 %

Total Change To-Date \$ 601.06

Percent: 0.022 %

Modified Contract Amount \$ 2,818,218.67

**Time Extension Information**

Date Initiated 00/00/0000

Date Completed 00/00/0000

Original Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SP Date 00/00/0000 or SP Days

(SS = Standard Specification, SP = Special Provision)

Time Element Description:

Current Time Extension

SS Days 0 SP Days 0

SP Days Value \$ 0.00

Previous Time Approved

SS Days by AE: \_\_\_\_\_ DCE: \_\_\_\_\_ SCE: \_\_\_\_\_ DDCM: \_\_\_\_\_

SS Days \_\_\_\_\_

SP Days Value \$ \_\_\_\_\_

Revised Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SS Date 00/00/0000

or SP Days 0

**INDIANA Department of Transportation**  
**Construction Change Order and Time Extension Summary**

**Review and Approval Information**

Required Approval Authority AE:\_\_\_\_\_ DCE:\_\_\_\_\_ SCE:\_\_\_\_\_ \* DDCM:\_\_\_\_\_ \*  
(\$ per Change Order) (- LE \$ 250K-) (- LE \$ 750K - ) ( -- LE \$ 2 M -- ) ( -- GT \$ 2 M -- )  
(Days per Contract) ( 50 SS days ) ( 100 SS days ) ( 200 SS Days ) ( GT 200 SS days)

Verbal Approval Required? Y / N If Y, by \_\_\_\_\_ Date Issued \_\_\_\_\_

Total Change To-Date>5%? Y / N If Y , Copy to Program Budget Manager \_\_\_\_\_

Scope/Design Recommendation Y / N If Y, Referred to Project Manager(PM) \_\_\_\_\_  
Required?

Date to PM \_\_\_\_\_ Date Returned \_\_\_\_\_

Approval Authority Concurs with PM? Y / N If Y, Concurrence by \_\_\_\_\_ Date \_\_\_\_\_

If N, Resolution: Approved \_\_\_\_\_ Disapproved \_\_\_\_\_

Resolved by \_\_\_\_\_ Date \_\_\_\_\_

LPA Signatures Required? Y / N If Y, Date to LPA \_\_\_\_\_ Date Returned \_\_\_\_\_

FHWA Signatures Required? Y / N If Y, Date to FHWA \_\_\_\_\_ Date Returned \_\_\_\_\_

\* Field Engineer Recommendation (Required for SCE or DDCM Approval)

Field Engineer \_\_\_\_\_ Date \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contract No:R -38544  
Change Order No:003

INDIANA  
Department of Transportation

Date:12/04/2020  
Page: 3

Contract: R -38544  
Project: 1401612 - State:150068500LC5  
Change Order Nbr: 003  
Change Order Description: Lightpole Foundation for 16' Poles  
Reason Code: CHANGED COND, Constructability Related

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0162	1401612	0097	807-11981	EACH	1,380.000	-17.000	C	Amount:\$ -23,460.00
Item Description: LIGHTING FOUNDATION, CONCRETE WITH GROUNDING 36 IN. DIA X 96								
Supplemental Description1:								
Supplemental Description2:								
0182	1401612	0104	807-12184	EACH	1,169.300	17.000	C	Amount:\$ 19,878.10
Item Description: LIGHT FNDN CONC W/GRD 24 IN DIA X 72 IN								
Supplemental Description1:								
Supplemental Description2:								

Total Value for Change Order 003 = \$ -3,581.90

Whereas, the Standard Specifications for this contract provides for such work to be performed, the following change is recommended.  
General or Standard Change Order Explanation

This participating change order was created to replace the larger foundations (36 IN DIA x 96 IN) with smaller foundations (24 IN x 72 IN) for the 16 ft light poles (17 total).

General or Standard Change Order Explanation

There was not sufficient bid history to review in the departments spreadsheet for 24in diameter lighting foundations. The contractor provided material invoices for all of the items used in the foundations. In reviewing their invoices and cost calculations, it was determined that this new price could be justified. The unit cost for cubic yard of concrete was figured using the contractors material invoices. In addition, the unit cost of the vertical #5 steel was also figured up. Per the attached calculation sheet, the decrease in concrete per foundation was figured up to be \$219.62. The decrease in vertical #5 steel was figured up to be \$11.65 per foundation. The bid price for the larger 36in diameter foundations was \$1380. The new provided price of \$1169.30 for the smaller 24 in diameter foundations is reasonable and can be justified. This change will result in a net decrease to the contract of \$3581.90.

General or Standard Change Order Explanation

#### Change Order Explanation for Specific Line Item

\*\*\*\*\*  
It is the intent of the parties that this change order is full and complete compensation for the work describe above.  
Notification and consent to this change order is hereby acknowledged.

Contractor: Dave O'Mara Contactor Inc.

Signed By: 

Date: 12-16-20

\*\*\*\*\*  
NOTE: Other required State and FHWA signatures will be obtained electronically through the SiteManager system.

*I, Dave O'Mara Contactor Inc. by its signature hereon, acknowledges this estimate and change order, and also acknowledges that it performed the work stated, believes the quantities are accurate based on all information provided by the preparer, but is without knowledge as to the funding information set forth above.*

Contract No:R -38544  
Change Order No:003

INDIANA  
Department of Transportation

Date:12/04/2020  
Page: 4

\*\*\*\*\*  
APPROVED FOR LOCAL PUBLIC AGENCY

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE)

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(TITLE) SUBMITTED FOR CONSIDERATION

\_\_\_\_\_  
(DATE)

PE/S \_\_\_\_\_

\*\*\*\*\*  
APPROVED FOR INDIANA DEPARTMENT OF TRANSPORTATION

Approval Level

Name of Approver

Date

Status

## Jeff Fuller

---

**From:** Ryan Lepper <mwe-indy-ryan@sbcglobal.net>  
**Sent:** Tuesday, September 22, 2020 3:30 PM  
**To:** Jeff Fuller; Chris Wright  
**Cc:** Bart Kroger; Susan Morgan; Tamika Hines; Rachel Rice  
**Subject:** Re: [EXTERNAL]R-38544 Light Pole Fdtn 24x72 COR.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Just to be clear, I'm expecting to go back to my original price of \$1063.00/ea (we have clearly shown this is where our cost's are).

Thank you

Ryan Lepper  
Midwestern Electric, Inc.  
3385 N. Arlington Ave  
Indianapolis, IN 46218  
O-317-545-7641  
C-317-502-2337  
[rllepper@midwesternelectricinc.com](mailto:rllepper@midwesternelectricinc.com)

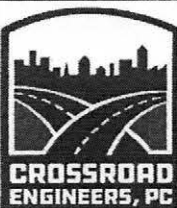
On Tuesday, September 22, 2020, 03:24:26 PM EDT, Ryan Lepper <mwe-indy-ryan@sbcglobal.net> wrote:

That's fine

Ryan Lepper  
Midwestern Electric, Inc.  
3385 N. Arlington Ave  
Indianapolis, IN 46218  
O-317-545-7641  
C-317-502-2337  
[rllepper@midwesternelectricinc.com](mailto:rllepper@midwesternelectricinc.com)

On Tuesday, September 22, 2020, 03:20:44 PM EDT, Chris Wright <cwright@crossroadengineers.com> wrote:

Jeff,



CrossRoad Engineers, P.C.  
3417 Sherman Drive  
Beech Grove, IN 46107  
Office: 317-780-1555 Fax: 317-780-6525  
www.crossroadengineers.com

Date \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

Project / Client \_\_\_\_\_

Prepared By CAW Date \_\_\_\_\_

Reviewed By \_\_\_\_\_ Date \_\_\_\_\_

Project R-38544

Subject Cost analysis of 2' Dia Foundations for Light Poles

### 2' Diameter Foundations

Concrete

$$(1')^2 \pi = 3.14 \text{ sft}$$

$$3.14 \times 6' (\text{depth}) = 18.84 \text{ cft}$$

$$18.84 / 27 = 0.70 \text{ cys}$$

$$2.09 \text{ cys} - 0.70 \text{ cys} = \boxed{1.39 \text{ cys}}$$

Per invoice from MWE

$$18 \text{ cys} @ \$2844 \text{ total} \Rightarrow 2844 / 18 = \boxed{\$158 / \text{cys}}$$

$$\$158 / \text{cys} \times 1.39 \text{ cys} = \boxed{\$219.62}$$

MWE's bid price for 3' Diameter Foundations = \$1380.00

MWE's new price for 2' Diameter Foundations = \$1169.30

\$210.70

### 2' Dia Foundations

#5 bars (vertical)

$$8 @ 5'-6" \approx 44 \text{ LFT}$$

$$44 \times 1.04 \text{ lb/LFT} = 45.76 \text{ lbs}$$

$$0.70 \times 45.76 \text{ lbs} = \$32.03$$

$$43.68 - 32.03 = \boxed{\$11.65}$$

### 3' Diameter Foundations

#5 bar (vertical)

$$8 @ 7'-6" \approx 60 \text{ LFT}$$

$$60 \times 1.04 \text{ lb/LFT} = 62.40 \text{ lbs}$$

$$0.70 \times 62.40 = \$43.68$$

$$219.62 + 11.65 = \$231.27$$

C  
O  
N  
C  
R  
E  
T  
E

S  
T  
E  
E  
L



Contract No:R -38544

Change Order No.: 006

Page: 1

**INDIANA Department of Transportation**  
**Construction Change Order and Time Extension Summary**

**Contract Information**

District:SEYMOUR DISTRICT

Contract No.: R -38544

AE:Wren, Rachel

Letting Date:11/14/2019

PE/S:Wright, Chris

Status:Pending

**Change Order Information**

Date Generated: 08/05/2020

Change Order No.: 006

Date Approved: 00/00/0000

EWA: Y or Force Acct: N

Reason Code: CHANGED COND, Materials Related

Description: MISC PAVEMENT MARKING ITEMS

Original Contract Amount \$ 2,817,617.61

Current Change Order Amount \$ 6,163.40

Percent: 0.219 %

Total Previous Approved Changes \$ 4,182.96

Percent: 0.149 %

Total Change To-Date \$ 10,346.36

Percent: 0.368 %

Modified Contract Amount \$ 2,827,963.97

**Time Extension Information**

Date Initiated 00/00/0000

Date Completed 00/00/0000

Original Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SP Date 00/00/0000 or SP Days

(SS = Standard Specification, SP = Special Provision)

Time Element Description:

Current Time Extension

SS Days 0 SP Days 0

SP Days Value \$ 0.00

Previous Time Approved

SS Days by AE: \_\_\_\_\_ DCE: \_\_\_\_\_ SCE: \_\_\_\_\_ DDCM: \_\_\_\_\_

SS Days \_\_\_\_\_

SP Days Value \$ \_\_\_\_\_

Revised Contract Time

SS Completion Date 00/00/0000 or SS Calendar/Work Days 0

SS Date 00/00/0000

or SP Days 0



**INDIANA Department of Transportation**  
**Construction Change Order and Time Extension Summary**

**Review and Approval Information**

Required Approval Authority AE:\_\_\_\_\_ DCE:\_\_\_\_\_ SCE:\_\_\_\_\_ \* DDCM:\_\_\_\_\_ \*  
(\$ per Change Order) (- LE \$ 250K-) (- LE \$ 750K - ) ( -- LE \$ 2 M -- ) ( -- GT \$ 2 M -- )  
(Days per Contract) ( 50 SS days ) ( 100 SS days ) ( 200 SS Days ) ( GT 200 SS days)

Verbal Approval Required? Y / N If Y, by \_\_\_\_\_ Date Issued \_\_\_\_\_

Total Change To-Date>5%? Y / N If Y , Copy to Program Budget Manager \_\_\_\_\_

Scope/Design Recommendation Y / N If Y, Referred to Project Manager(PM) \_\_\_\_\_  
Required?

Date to PM \_\_\_\_\_ Date Returned \_\_\_\_\_

Approval Authority Concurs with PM? Y / N If Y, Concurrence by \_\_\_\_\_ Date \_\_\_\_\_

If N,Resolution: Approved \_\_\_\_\_ Disapproved \_\_\_\_\_

Resolved by \_\_\_\_\_ Date \_\_\_\_\_

LPA Signatures Required? Y / N If Y, Date to LPA \_\_\_\_\_ Date Returned \_\_\_\_\_

FHWA Signatures Required? Y / N If Y, Date to FHWA \_\_\_\_\_ Date Returned \_\_\_\_\_

\* Field Engineer Recommendation (Required for SCE or DDCM Approval)

Field Engineer \_\_\_\_\_ Date \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contract No: R -38544  
Change Order No: 006

INDIANA  
Department of Transportation

Date: 12/14/2020  
Page: 3

Contract: R -38544  
Project: 1401612 - 1500685 - State: 150068500LC5  
Change Order Nbr: 006  
Change Order Description: MISC PAVEMENT MARKING ITEMS  
Reason Code: CHANGED COND, Materials Related

CLN	PCN	PLN	Item Code	Unit	Unit Price	CO Qty	Comment	Amount Change
0169	1401612	0101	808-06726	LFT	3.400	-173.000	C	Amount:\$ -588.20
<b>Item Description:</b> TRANSVERSE MARKING, PAINT, STOP LINE, WHITE, 24 IN.								
Supplemental Description1:								
Supplemental Description2:								
0174	1401612	0102	808-75100	LFT	1.700	-1080.000	C	Amount:\$ -1,836.00
<b>Item Description:</b> TRANSVERSE MARKING, PAINT, CROSSWALK LINE, WHITE, 6 IN.								
Supplemental Description1:								
Supplemental Description2:								
0186	1401612	0106	808-75297	LFT	3.400	152.500	C	Amount:\$ 518.50
<b>Item Description:</b> TRANSVERSE MKG THERMO STOP WHITE 24IN								
Supplemental Description1:								
Supplemental Description2:								
0187	1401612	0107	808-75300	LFT	1.700	1055.000	C	Amount:\$ 1,793.50
<b>Item Description:</b> TRANSVERSE MKG THERMO XWALK WHITE 6 IN								
Supplemental Description1:								
Supplemental Description2:								
0188	1401612	0108	808-06368	LFT	5.500	36.000	C	Amount:\$ 198.00
<b>Item Description:</b> TRANSVERSE MARKING REMOVE								
Supplemental Description1:								
Supplemental Description2:								
0190	1500685	0120	808-06716	LFT	3.400	1739.000	C	Amount:\$ 5,912.60
<b>Item Description:</b> LINE, REMOVE								
Supplemental Description1:								
Supplemental Description2:								
0191	1401612	0109	808-05866	SYS	48.530	3.400	C	Amount:\$ 165.00
<b>Item Description:</b> PAVEMENT MESSAGE MARKING REMOVE								
Supplemental Description1:								
Supplemental Description2:								

Total Value for Change Order 006 = \$ 6,163.40

**Whereas, the Standard Specifications for this contract provides for such work to be performed, the following change is recommended.**  
General or Standard Change Order Explanation

This participating change order was created to add and remove miscellaneous pavement marking items that were required to successfully satisfy the contract. There was already a LINE REMOVE item on Des. 1401612 (path) and it had to be added to Des. 1500685 (roundabout) to pay for removals on existing pavement. Since there was already an established price for the LINE REMOVE item in the contract on Des 1401612, this price was carried over and used on Des 1500685. There was also a need to add new items, TRANSVERSE MARKING REMOVE and PAVEMENT MESSAGE MARKING REMOVE had to be added to the contract to pay for removals of existing items at the hospital approaches. These markings were added after the original topo survey was completed so they were not originally identified in the plans. Lastly, there was a need to add 24" THERMO STOP BAR and 6" THERMO XWALK LINE to the contract. There were already items in the contract for 24" PAINT STOP BAR and 6" PAINT XWALK LINE but the contractor requested to use thermo instead of paint because it was more convenient with them already having crews on site for other thermo items. The contractor was allowed to use the thermo items with the understanding that the unit prices that were already established for paint would be used.

Contract No: R -38544  
Change Order No: 006

INDIANA  
Department of Transportation

Date: 12/14/2020  
Page: 4

General or Standard Change Order Explanation

The contractors unit prices for new items were reviewed and they all fell within the 95 percent range on the Departments Bid History spreadsheet.

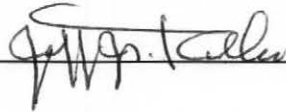
General or Standard Change Order Explanation

A contract time adjustment is not required for this change.

Change Order Explanation for Specific Line Item

\*\*\*\*\*  
It is the intent of the parties that this change order is full and complete compensation for the work describe above.  
Notification and consent to this change order is hereby acknowledged.

Contractor: Dave O'Mara Contactor Inc.

Signed By: 

Date: 12-15-20.

\*\*\*\*\*  
NOTE: Other required State and FHWA signatures will be obtained electronically through the SiteManager system.

Dave O'Mara Contractor, Inc. by it's signature  
hereon, acknowledges this estimate and/or  
change order, and also acknowledges that it  
performed the work stated, believes the quantities  
are accurate based on all information provided by  
the preparer, but is without knowledge as to the  
funding information set forth above.

Contract No:R -38544  
Change Order No:006

INDIANA  
Department of Transportation

Date:12/14/2020  
Page: 5

\*\*\*\*\*  
APPROVED FOR LOCAL PUBLIC AGENCY

_____ (SIGNATURE)	_____ Mayor (TITLE)	_____ January 4, 2021 (DATE)
_____ (SIGNATURE)	_____ Member, BPW&S (TITLE)	_____ January 4, 2021 (DATE)
_____ (SIGNATURE)	_____ Member, BPW&S (TITLE)	_____ January 4, 2021 (DATE)

SUBMITTED FOR CONSIDERATION

PE/S \_\_\_\_\_

\*\*\*\*\*  
APPROVED FOR INDIANA DEPARTMENT OF TRANSPORTATION

Approval Level	Name of Approver	Date	Status
Project Engineer/Supervisor	Wright, Chris	00/00/0000	Action Pending