WALSH

TO: DLZ
9305 Calumet Avenue Ste F1
Munster, IN 46321

ATTN: Mr. Lee Randell, P.E.

Date: July 14, 2020
Contract: 45th Street Grade Separation
Subject: Letter #022: Revised MOT for 45th West and Calumet Additional Details

Dear Mr. Randell:

Attached to this letter you will find the additional information requested to process Change Order No. 7.

Notification for this additional work was provided on July 9, 2019 and original Change Order Request on February 11, 2020.

Timely processing of this change order would be greatly appreciated.

Respectfully,

M. Herz

Mike Herz
Project Manager
Walsh Construction

Cc: Cortney Beale, P.E.
Dustin Anderson
Brad Dailey, P.E.
Marc Arena

CHANGE ORDER REQUEST FORM

CONTRACT NO.	B-36229-A	DATE OF SUBMISSION	02/11/2020

PROJECT DESCRIPTION *(route / intersection / bridge no(s).)*	45th Street and Calumet Avenue, Munster
CHANGE ORDER REQUEST SUMMARY DESCRIPTION	Additional and Revised Maintenance of Traffic Phases
PROPOSED SOLUTION SUMMARY	Contractor to complete MOT as directed and submit cost associated with additional work.

NOTE: Upon request from Engineer, enter detailed description on page 2.

ONSET DATE OF CHANGE	April 8, 2019	CHANGE ORDER TYPE	104.03 Extra Work

PROPOSED COST AND TIME ADJUSTMENT

COST COST INCREASE / (DECREASE): $ **$148,874.59**

The cost adjustment shall include lump sum and/or estimated totaled unit-priced item costs. Attach a separate sheet of unit price items including item description, unit of measurement, estimated quantity and unit price.

CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF COST CHANGE:

☐ 109.03 Altered Quantities ☒ 109.05(a) Agreed Price ☐ 109.05(b) Force Account ☐ 109.05.02 Delay Costs

PROPOSED COST CHANGE INCLUDES: ☐ Labor ☐ Material ☐ Equipment ☐ Lease Agreement ☒ Subcontractor

TIME ADJUSTMENT INCREASE / (DECREASE): (work days) **N/A**

CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF TIME CHANGE:

☐ 108.08(a) Excusable, Non-Compensable ☐ 108.08(b) Excusable, Compensable

*NOTE: If **Compensable**, attach details based on 109.05.2(a) Allowable Delay Costs.*

SUPPLEMENTAL INFORMATION

Additional information.

CHANGE ORDER ORIGINATION:	☒ INDOT / LPA ☐ Contractor
DOCUMENTS AFFECTED:	
☐ Contract Specifications (ref. doc name/no.)	
☒ Contract Plans (ref. doc name/no.)	Revision dated 04/30/2019 for MOT plans
CHANGE ORDER AFFECTS DBE PARTICIPATION:	☐ yes ☒ no (if yes, attach details)

CONTRACT NO.	**B-36229-A**

UPON WRITTEN REQUEST FROM THE ENGINEER, PROVIDE ADDITIONAL DETAIL

DATE RECEIVED REQUEST FOR ADDITIONAL DETAIL	**June 16, 2020**	**SUBMITTAL DATE OF ADDITIONAL DETAIL**	**July 14, 2020**

DETAILED DESCRIPTION / JUSTIFICATION:

(Include location(s), actions of contractor, owner, and other stakeholders, key events and related cause(s), discoveries, discussions, meetings, and effect on the contract if no action is taken. Also include references to key documents attached or available to support this change order request.)

It was discovered the MOT design in the contract documents would not allow for complete construction of the intended roadway.

No written request was received by the owner for additional details. Owner/Contractor met in June 2020 to discuss. Outcome of discussion was verbal request for additional details from Subcontractors.

Attached to this revision is additional details requested.

PROPOSED SOLUTION – ADDITIONAL DETAILS:

(Include proposed scope of work, means & methods, materials, equipment, utility relocation required, subcontracted scope and the effect on the contract schedule. Also include references to attached documents including, but not limited to, sketches, calculations, photos, material information, and submittals and meeting minutes.)

Revised design was provided to account for complete construction of the intended roadway. This revised design imposes additional work by requiring the Contractor to work in small work zones inflicting inefficiencies on the Contractor. The cost associated with the additional work and inefficiencies can be found in the attached documentation.

SIGNATURE

Contractor:

Name: (print) Mike Herz

(signature) M. HERZ Date: 07/14/2020

NOTE: The Contractor should retain a signed copy of this document for record.

CONTRACT NO.	**B-36229-A**

ATTACHMENT: UNIT PRICE ITEMS DETAIL

CHANGE ORDER REQUEST FORM
Attach or paste a unit price item detail.

March 24, 2020

Mr. Mike Herz
Walsh Construction
1260 East Summit Street
Crown Point, IN 46307

RE: Contract B-36229 Work Order

Dear Mr. Herz,

Walsh Construction is directed to perform all work as described below:

- **Scope of Work** – Perform additional maintenance of traffic phases to completely construct Calumet Ave.
- **Affected Pay Items** – temporary pavement markings, flashing arrow board, construction signs, HMA
- **New Pay Items** –
  - Additional, MOT Phases
- **Total Monetary Adjustment** – submitted as $154,696.14, pending verification
- **Total Contract Time Adjustment** – No time extension is required for this work
- **Date Work Expected to Begin** – Monday, March 25, 2020

A change order will be forthcoming to modify Contract B-36229 in accordance with the above.

Please contact me at 219-730-8585 if there are any questions or comments concerning this agreement.

Sincerely,

Lee Randell

DLZ Project Engineer

WALSH CONSTRUCTION

Extra Work Summary

07/14/20

Project Number: **B36229-A**
Project Name: **45th and Calumet**
Title: **MOT Design Revisions**

Item Number	Description	Quantity	Unit	Unit Cost	Mark-up Rule	Mark-up Cost	Total Unit	Total Cost
TBD								
	Walsh Construction Labor	1	LS	$ 13,856.50	L	$2,771.30	$16,627.80	$16,627.80
	Walsh Construction Equipment	1	LS	$ 12,519.30	E	$1,502.32	$14,021.62	$14,021.62
	Subcontractor	1	LS	$ 108,460.00	S2	$7,682.20	$116,142.20	$116,142.20
	Bond and Insurance Cost (.0129%)	1	LS	$1,893.61	S1	$189.36	$2,082.97	$2,082.97
	Total Extra Work =	**1**	**LS**					**$148,874.59**

Note: Mark-up rules are L=20% labor, E=12% equipment, M=12% materials, S1=10%sub <$3000 & S2=sub >$3000.

MEASURED MILE WORKSHEET PHASE 3A

562 SY

	PHASE 3A		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 1,100.00	Mobilization.
HAWK	MOB	$ 500.00	Mobilization
W&K	MILLING MOB	$ 11,300.00	Milling/HMA/Concrete Mob.
GRIMMER	MOB	$ 3,800.00	Mob for small phase work
WALSH	MOB	$ 7,844.20	Mob, Small Work Area, Trucking Costs for patial days, additional cost to construct small area.
	SUB Cost	$ 16,700.00	
	TOTAL	$ 24,544.20	

	Phase Quantities		Production Rates		Man Hours
Fine Grade Roadway	562	SY	80	SY/MH	
Common Excavation	62	CY	32	CY/MH	2
Excavate SGT 1C	187	CY	27	CY/MH	7
Place/Compact SGT 1C	300	TON	47	TON/MH	6
Fine Grade SGT 1C	562	SY	70	SY/MH	8

TOTAL	23	Estimated to complete
	61	Inefficient to complete
	38	Difference

	PHASE 3B & 3C		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 900.00	Mobilization
W&K	MOB	$ 9,800.00	Milling/HMA Mob.
GRIMMER	MOB	$ 3,800.00	Mob for small phase work
WALSH	MOB	$ 9,137.84	Mob, small work area. Additional sawcutting.
	Sub Cost	$ 14,500.00	
	TOTAL	$ 23,637.84	

MEASURED MILE WORKSHEET PHASE 3B & 3C

2619 SY

	Phase Quantities		Production Rates		Man Hours
Fine Grade Roadway	2619	SY	80	SY/MH	33
Common Excavation	291	CY	32	CY/MH	9
Excavate SGT 1C	873	CY	27	CY/MH	32
Place/Compact SGT 1C	1397	TON	47	TON/MH	30
Fine Grade SGT 1C	2619	SY	70	SY/MH	37

TOTAL	141	Estimated to complete
	183	Inefficient to complete
	42	Difference

	SW Corner 45th & Calumet		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 900.00	Mobilization
HAWK	MOB	$ 500.00	Mobilization
W&K	MOB	$ 11,300.00	Mobilization Milling/~~HMA~~ Concrete
GRIMMER	MOB	$ 3,800.00	Mobilization
WALSH	MOB	$ 5,422.74	Mob, small work area. Additional sawcutting
	Sub Cost	$ 16,500.00	
	TOTAL	$ 21,922.74	

MEASURED MILE WORKSHEET

PHASE SW Corner

868 SY

	Phase Quantities		Production Rates		Man Hours
			RATE	UNIT	
Fine Grade Roadway	868	SY	80	SY/MH	11
Common Excavation	96	CY	32	CY/MH	3
Excavate SGT 1C	289	CY	27	CY/MH	11
Place/Compact SGT 1C	463	TON	47	TON/MH	10
Fine Grade SGT 1C	868	SY	70	SY/MH	12

TOTAL	47	Estimated to complete
	67	Inefficient to complete
	20	Difference

RAMP & WEDGING

CONTRACTOR	DESCRIPTION	COST	DETAILS
W&K	MOB	$ 4,500.00	Mobilization HMA Ramp & Wedging
	Sub Cost	$ 4,500.00	
	TOTAL	$ 4,500.00	

NOTE Milling work in this phase to be paid under item for Tranistion Milling (757.00 SY)

	SB Calumet & EB 45th		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 900.00	Mobilization
HAWK	MOB	$ 200.00	Mobilization
W&K	MOB	$ 11,300.00	Milling/HMA/Concrete
WALSH	MOB	$ 4,989.52	Mob, small work area.
	Sub Cost	$ 12,400.00	
	TOTAL	$ 17,389.52	

MEASURED MILE WORKSHEET

PHASE SB Calumet & EB 45th

555 SY

	Phase Quantities		Productive Rates		Man Hours
			RATE	UNIT	
Fine Grade Roadway	555	SY	80	SY/MH	7
Common Excavation	62	CY	32	CY/MH	2
Excavate SGT 1C	185	CY	27	CY/MH	7
Place/Compact SGT 1C	296	TON	47	TON/MH	6
Fine Grade SGT 1C	555	SY	70	SY/MH	8

TOTAL	30	Estimated to complete
	54	Inefficient to complete
	24	Difference

	SB Calumet & WB 45th		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 900.00	Mobilization
HAWK	MOB	$ 200.00	Mobilization
WALSH	MOB	$ 4,751.80	Mob, small work area. Additional sawcutting
	Sub Cost	$ 1,100.00	
	TOTAL	$ 5,851.80	

MEASURED MILE WORKSHEET

PHASE SB Calumet & EB 45th

438 SY

	Phase Quantities		Productive Rates		Man Hours
Fine Grade Roadway	438	SY	80	SY	5
Common Excavation	49	CY	32	CY	2
Excavate SGT 1C	146	CY	27	CY	5
Place/Compact SGT 1C	234	TON	47	TON	5
Fine Grade SGT 1C	438	SY	70	SY	6

TOTAL	24	Estimated to complete
	48	Inefficient to complete work
	24	Difference

	Phase 5 Center Curb (North of 45th)		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 1,100.00	Mobilization
HAWK	MOB	$ 200.00	Mobilization
W&K	MOB	$ 11,300.00	Milling/HMA/Concrete
GRIMMER	MOB	$ 1,900.00	Casting Adjustments
WALSH	MOB	$ 8,361.60	Mob, Removals, small work area. Additional sawcutting.
	Sub Cost	$ 14,500.00	
	TOTAL	$ 22,861.60	

	Phase 6 Surface Prep		
CONTRACTOR	DESCRIPTION	COST	DETAILS
TMC	MOB	$ 900.00	Mobillization
W&K	MOB	$ 9,800.00	Mobillization Milling, HMA
WALSH (Prep work)	MOB	$ 3,428.10	Mobilization/Additonal Trucking

Sub Cost	$ 10,700.00
TOTAL	$ 14,128.10

	RT	OT	RT Rate	OT Rate	Fringes	Labor	Burben	Cost Per HR w/ EOE	Total	Notes
PHASE 3A										
OCL1	12	2	$ 41.20	$ 61.80	$ 35.35	**$ 618.00**	**$ 494.90**		**$ 1,112.90**	
OCL1	12	2	$ 41.20	$ 61.80	$ 35.35	**$ 618.00**	**$ 494.90**		**$ 1,112.90**	
LGP1	8	2	$ 30.79	$ 46.19	$ 19.01	**$ 338.70**	**$ 190.10**		**$ 528.80**	
CAT 1055C	4							**$ 64.95**	**$ 259.80**	
Komatsu 210	10							**$ 99.02**	**$ 990.20**	
JD 650	10							**$ 81.88**	**$ 818.80**	
Dynapac 252	4							**$ 65.20**	**$ 260.80**	
Trucking	20							**$ 113.00**	**$ 2,260.00**	
Diamond Coring	1							**$ 500.00**	**$ 500.00**	
						SUB TOTAL			**$ 7,844.20**	
PHASE 3B &3C										
OCL1	12	2	$ 41.20	$ 61.80	$ 35.35	**$ 618.00**	**$ 494.90**		**$ 1,112.90**	
OCL1	12	2	$ 41.20	$ 61.80	$ 35.35	**$ 618.00**	**$ 494.90**		**$ 1,112.90**	
LGP1	12	2	$ 30.79	$ 46.19	$ 19.01	**$ 461.86**	**$ 266.14**		**$ 728.00**	
CAT 1055C	4							**$ 64.95**	**$ 259.80**	
JD 245	8							**$ 107.20**	**$ 857.60**	
JD 650	8							**$ 81.88**	**$ 655.04**	
Dynapac 252	8							**$ 65.20**	**$ 521.60**	
Trucking	30							**$ 113.00**	**$ 3,390.00**	
Diamond Coring	1							**$ 500.00**	**$ 500.00**	
						SUB TOTAL			**$ 9,137.84**	
SW Corner										
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
LGP1	4	0	$ 30.79	$ 46.19	$ 19.01	**$ 123.16**	**$ 76.04**		**$ 199.20**	
CAT 1055C	2							**$ 64.95**	**$ 129.90**	
CAT 336	6							**$ 118.86**	**$ 713.16**	
JD 650	6							**$ 81.88**	**$ 491.28**	
Dynapac 252	2							**$ 65.20**	**$ 130.40**	
Trucking	18							**$ 113.00**	**$ 2,034.00**	
Diamond Coring	1							**$ 500.00**	**$ 500.00**	
						SUB TOTAL			**$ 5,422.74**	
SB Calumet & EB 45th										
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
LGP1	8	0	$ 30.79	$ 46.19	$ 19.01	**$ 246.32**	**$ 152.08**		**$ 398.40**	
CAT 336	8							**$ 118.86**	**$ 950.88**	
JD 650	8							**$ 81.88**	**$ 655.04**	
Dynapac 252	2							**$ 65.20**	**$ 130.40**	
Trucking	10							**$ 113.00**	**$ 1,130.00**	
Diamond Coring	1							**$ 500.00**	**$ 500.00**	
						SUB TOTAL			**$ 4,989.52**	
SB Calumet & WB 45th										
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
OCL1	8	0	$ 41.20	$ 61.80	$ 35.35	**$ 329.60**	**$ 282.80**		**$ 612.40**	
LGP1	8	0	$ 30.79	$ 46.19	$ 19.01	**$ 246.32**	**$ 152.08**		**$ 398.40**	
CAT 336	6							**$ 118.86**	**$ 713.16**	
JD 650	8							**$ 81.88**	**$ 655.04**	
Dynapac 252	2							**$ 65.20**	**$ 130.40**	
Trucking	10							**$ 113.00**	**$ 1,130.00**	
Diamond Coring	1							**$ 500.00**	**$ 500.00**	
						SUB TOTAL			**$ 4,751.80**	
Phase 5 Center Curb										
OCL1	8	2	$ 41.20	$ 61.80	$ 35.35	**$ 453.20**	**$ 353.50**		**$ 806.70**	
OCL1	8	2	$ 41.20	$ 61.80	$ 35.35	**$ 453.20**	**$ 353.50**		**$ 806.70**	
LGP1	8	2	$ 30.79	$ 46.19	$ 19.01	**$ 338.70**	**$ 190.10**		**$ 528.80**	
CAT 336	8	2						**$ 118.86**	**$ 1,188.60**	
JD 650	8	2						**$ 81.88**	**$ 818.80**	
Trucking	24							**$ 113.00**	**$ 2,712.00**	
Diamond Coring	3							**$ 500.00**	**$ 1,500.00**	
						SUB TOTAL			**$ 8,361.60**	
Phase 6 Surface Prep										
OCL1	8	2	$ 41.20	$ 61.80	$ 35.35	**$ 453.20**	**$ 353.50**		**$ 806.70**	
LGP1	8	2	$ 30.79	$ 46.19	$ 19.01	**$ 338.70**	**$ 190.10**		**$ 528.80**	
CAT 336	8	2						**$ 118.86**	**$ 1,188.60**	
Trucking	8							**$ 113.00**	**$ 904.00**	
						SUB TOTAL			**$ 3,428.10**	
Total	**434**	**28**	**Total**						**$ 43,935.80**	

Union Rate Chart Total w Fringes				
	RT	OT	DT	Fringes
LGP1	$ 30.79	$ 46.19	$ 61.58	$ 19.01
LGP4	$ 31.29	$ 46.94	$ 62.58	$ 19.01
OCL1	$ 41.20	$ 61.80	$ 83.40	$ 35.35
OEA2	$ 27.50	$ 41.25	$ 55.00	$ 30.55

EQUIPMENT RATES	
CAT 336	$ 118.86
JD 245	$ 107.20
JD 650	$ 81.88
Komatsu 210	$ 99.02
Dynapac 252	$ 65.20
CAT 1055C	$ 64.95

Walsh LABOR COST	$ 13,856.50
Walsh EQUIPMENT COST	$ 12,519.30
Walsh SUBCONTRACTOR COST	$ 17,560.00

GRIMMER CONSTRUCTION INC.

2619 Main Street
Highland, IN 46322
(219) 924-1623
www.grimmerconstruction.com

Cost Detail

Project Name:	B-36229 45th & Calumet Additional MOT Phase Change Order	**Customer:**	WALSH CONSTRUCTION CO.
Job Number:		**Billing Address:**	SOUTH BEND, IN
Bid As:			
Estimator:	John C. Dudlicek	**Phone:**	219-324-4320
Project Address:		**Contact:**	
Completion Date:			

Pay Items

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
3A - Additional Time For Added Mini-phase: South Bound At Superior Ave.	**1.00**	**LS**	**$3,863.53**	**$3,863.53**
5-MAN SEWER CREW (5.00 PH/LS, 0.63 DY)	1.00	LS	$3,738.53	$3,738.53
EXCAVATOR BH - MID SIZE	5.00	HR	$110.00	$550.00
JOB TRUCK TOOLED W/MISC SMALL EQUIPMENT	5.00	HR	$38.00	$190.00
LOADER - WHEEL	5.00	HR	$80.00	$400.00
LABORER - FOREMAN	5.31	HR	$93.63	$497.44
LABORER - 1	5.16	HR	$90.18	$465.00
LABORER - 2	5.16	HR	$90.18	$465.00
OPERATOR I	5.47	HR	$113.57	$621.09
OPERATOR II	5.00	HR	$110.00	$550.00
TRUCKING	1.00	HR	$125.00	$125.00
Trucking (1.00 DY, 0.13 Trucks, 0.13 HR/HR)	1.00	HR	$125.00	$125.00
3B/3C - Additional Time For Added Mini-phase: Middle Phase At Superior And R/R Tracks	**1.00**	**LS**	**$3,863.53**	**$3,863.53**
5-MAN SEWER CREW (5.00 PH/LS, 0.63 DY)	1.00	LS	$3,738.53	$3,738.53
EXCAVATOR BH - MID SIZE	5.00	HR	$110.00	$550.00
JOB TRUCK TOOLED W/MISC SMALL EQUIPMENT	5.00	HR	$38.00	$190.00
LOADER - WHEEL	5.00	HR	$80.00	$400.00
LABORER - FOREMAN	5.31	HR	$93.63	$497.44
LABORER - 1	5.16	HR	$90.18	$465.00
LABORER - 2	5.16	HR	$90.18	$465.00
OPERATOR I	5.47	HR	$113.57	$621.09
OPERATOR II	5.00	HR	$110.00	$550.00
TRUCKING	1.00	HR	$125.00	$125.00
Trucking (1.00 DY, 0.13 Trucks, 0.13 HR/HR)	1.00	HR	$125.00	$125.00
SW Corner - Additional Time For Added Mini-phase: Pre-phase Work On The Corner Before Splitting Calumet	**1.00**	**LS**	**$3,863.53**	**$3,863.53**
5-MAN SEWER CREW (5.00 PH/LS, 0.63 DY)	1.00	LS	$3,738.53	$3,738.53
EXCAVATOR BH - MID SIZE	5.00	HR	$110.00	$550.00

Description	Quantity	UM	Unit Direct Cost	Total Direct Cost
(Item SW Corner - Additional Time For Added Mini-phase:				
JOB TRUCK TOOLED W/MISC SMALL EQUIPMENT	5.00	HR	$38.00	$190.00
LOADER - WHEEL	5.00	HR	$80.00	$400.00
LABORER - FOREMAN	5.31	HR	$93.63	$497.44
LABORER - 1	5.16	HR	$90.18	$465.00
LABORER - 2	5.16	HR	$90.18	$465.00
OPERATOR I	5.47	HR	$113.57	$621.09
OPERATOR II	5.00	HR	$110.00	$550.00
TRUCKING	1.00	HR	$125.00	$125.00
Trucking (1.00 DY, 0.13 Trucks, 0.13 HR/HR)	1.00	HR	$125.00	$125.00
Phase 5 - Additional Time For Added Mini-phase: Added Time For Work In Center Curb	**1.00**	**LS**	**$2,064.72**	**$2,064.72**
3-MAN SEWER CREW (3.50 PH/LS, 0.44 DY)	1.00	LS	$1,939.72	$1,939.72
EXCAVATOR BH - MID SIZE	3.50	HR	$110.00	$385.00
JOB TRUCK TOOLED W/MISC SMALL EQUIPMENT	3.50	HR	$38.00	$133.00
LABORER - FOREMAN	3.72	HR	$93.63	$348.20
LABORER - 1	3.61	HR	$90.18	$325.50
LABORER - 2	3.50	HR	$89.50	$313.25
OPERATOR I	3.83	HR	$113.57	$434.77
TRUCKING	1.00	HR	$125.00	$125.00
Trucking (1.00 DY, 0.13 Trucks, 0.13 HR/HR)	1.00	HR	$125.00	$125.00

Direct Cost Totals

	Amount	Percent of Direct Cost
Labor:	$9,217.31	67.50%
Equipment Owned:	$3,938.00	28.84%
Equipment Rented:	$0.00	0.00%
Materials Owned:	$0.00	0.00%
Materials Purchased:	$0.00	0.00%
Subcontracted:	$0.00	0.00%
Trucking Owned:	$0.00	0.00%
Trucking Hired:	$500.00	3.66%
Miscellaneous:	$0.00	0.00%
Plug:	$0.00	0.00%
Direct Cost:	$13,655.31	

Pay Item Summary

	Amount	Percent of Bid Price
Total Direct Cost:	$13,655.31	102.67%
Total DC Adds/Cuts:	$0.00	0.00%
Total Indirect Cost:	$0.00	0.00%
Total Bond:	$0.00	0.00%
Total Overall Cost:	$13,655.31	102.67%
Total Overhead:	$0.00	0.00%
Total Profit:	($355.31)	-2.67%
Total Margin:	($355.31)	-2.67%
Total Bid Price:	$13,300.00	

Walsh & Kelly Inc.

Extra Mobilization Costs for Phasing on 45th & Calumet 7/9/2020

1	3A	S End Superior Ave		Mill Crew	$6,800.00	
				Concrete Crew	$4,500.00	
2	3B & 3C	Middle of Road		Mill Crew	$6,800.00	
				Pave Crew	$3,000.00	
3	SW Corner #1	45th & Calumet		Mill Crew	$6,800.00	
				Concrete Crew	$4,500.00	
4	NW Corner #2	45th & Calumet		Mill Crew	$6,800.00	
				Concrete Crew	$4,500.00	
5	Ramp & Wedging	NB Calumet		Mill Transitions	~~$5.33/SY~~	~~757 SY~~
				Mill,skid,vac,etc.	~~$4,034.81~~	
				Pave Crew	$4,500.00	
6	Center Curb	Calumet Ave		Mill Crew	$6,800.00	
				Curb Crew	$4,500.00	
7	HMA Surface	Calumet Ave		Profile Mill Crew	$6,800.00	
				Pave Crew	$3,000.00	

Walsh & Kelly Inc.

HMA MILLING CREW

LABOR	Hours	Rate	Fringes & Taxes	Total Rate	Extension
Laborer		$ 30.79	$ 25.81	$ 56.60	$ -
Laborer OT		$ 46.19	$ 25.81	$ 72.00	$ -
Crew Foreman (Lake) Laborer		$ 38.79	$ 25.81	$ 64.60	$ -
Crew Foreman (Lake) OT - Laborer		$ 58.19	$ 25.81	$ 84.00	$ -
Sureveyor		$ 85.00	$ 20.00	$ 105.00	$ -
Sureveyor OT		$ 127.50	$ 20.00	$ 147.50	$ -
Finisher Foreman		$ 43.34	$ 28.01	$ 71.35	$ -
Finisher Foreman OT		$ 65.01	$ 28.01	$ 93.02	$ -
Finisher Journeyman		$ 35.34	$ 28.01	$ 63.35	$ -
Finisher Journeyman OT		$ 53.01	$ 28.01	$ 81.02	$ -
Operator-1 (Lake)	2	$ 41.20	$ 44.48	$ 85.68	$ 171.36
Operator-1 (Lake) OT		$ 61.80	$ 44.48	$ 106.28	$ -
Teamster Griffith		$ 32.49	$ 36.01	$ 68.50	$ -
Teamster Griffith OT		$ 48.74	$ 36.01	$ 84.75	$ -
				Labor Total:	**$ 171.36**

EQUIPMENT Description	Hours	Total Rate	Extension
Pick-Up Truck		$ 20.00	$ -
1 Ton Crew Truck	2	$ 25.00	$ 50.00
Water Truck	1	$ 85.00	$ 85.00
Quad-Axle Omega w/ Driver		$ 140.00	$ -
Tri-Axle Omgega w/ Driver		$ 134.00	$ -
5 ton Vib asphalt roller		$ 60.00	$ -
8-10 ton Dirt/Stone roller		$ 55.00	$ -
10 Ton Vib Asphalt roller		$ 85.00	$ -
Concrete Breaker		$ 50.00	$ -
Bobcat Skid Steer Grinder		$ 65.00	$ -
Asphalt Paver		$ 110.00	$ -
MTV		$ 130.00	$ -
Widener		$ 95.00	$ -
Chip Spreader		$ 75.00	$ -
Concrete Curb Machine		$ 100.00	$ -
Motorgrader		$ 95.00	$ -
Loader		$ 90.00	$ -
Grad-all/Excavator		$ 125.00	$ -
Dozer		$ 95.00	$ -
Broce Broom		$ 75.00	$ -
Truck Vac-Broom & Teamster		$ 140.00	$ -
Air-Compressor		$ 22.00	$ -
Paint Sprayer		$ 45.00	$ -
Asphalt Mill	1	$ 466.00	$ 466.00
		Equipment Total:	**$ 601.00**

Category	Subtotal	Markup %	Markup	Total
Labor Total	$ 171.36	10%	$ 17.14	$ 188.50
Equipment Total	$ 601.00	10%	$ 60.10	$ 661.10
Subcontractor Total	$ -	0%	$ -	$ -
			GRAND TOTAL:	$ 849.60

Total Hours	**8**	**$ 6,796.77**

Walsh & Kelly Inc.

MILL TRANSITIONS CREW

LABOR	Hours	Rate	Fringes & Taxes	Total Rate	Extension
Laborer	1	$ 30.79	$ 25.81	$ 56.60	$ 56.60
Laborer OT		$ 46.19	$ 25.81	$ 72.00	$ -
Crew Foreman (Lake) Laborer		$ 38.79	$ 25.81	$ 64.60	$ -
Crew Foreman (Lake) OT - Laborer		$ 58.19	$ 25.81	$ 84.00	$ -
Sureveyor		$ 85.00	$ 20.00	$ 105.00	$ -
Sureveyor OT		$ 127.50	$ 20.00	$ 147.50	$ -
Finisher Foreman		$ 43.34	$ 28.01	$ 71.35	$ -
Finisher Foreman OT		$ 65.01	$ 28.01	$ 93.02	$ -
Finisher Journeyman		$ 35.34	$ 28.01	$ 63.35	$ -
Finisher Journeyman OT		$ 53.01	$ 28.01	$ 81.02	$ -
Operator-1 (Lake)	3	$ 41.20	$ 44.48	$ 85.68	$ 257.04
Operator-1 (Lake) OT		$ 61.80	$ 44.48	$ 106.28	$ -
Teamster Griffith		$ 32.49	$ 36.01	$ 68.50	$ -
Teamster Griffith OT		$ 48.74	$ 36.01	$ 84.75	$ -
				Labor Total:	**$ 313.64**

EQUIPMENT Description	Hours	Total Rate	Extension
Pick-Up Truck		$ 20.00	$ -
1 Ton Crew Truck	2	$ 25.00	$ 50.00
Water Truck	1	$ 85.00	$ 85.00
Quad-Axle Omega w/ Driver		$ 140.00	$ -
Tri-Axle Omgega w/ Driver		$ 134.00	$ -
5 ton Vib asphalt roller		$ 60.00	$ -
8-10 ton Dirt/Stone roller		$ 55.00	$ -
10 Ton Vib Asphalt roller		$ 85.00	$ -
Concrete Breaker		$ 50.00	$ -
Bobcat Skid Steer Grinder	1	$ 65.00	$ 65.00
Asphalt Paver		$ 110.00	$ -
MTV		$ 130.00	$ -
Widener		$ 95.00	$ -
Chip Spreader		$ 75.00	$ -
Concrete Curb Machine		$ 100.00	$ -
Motorgrader		$ 95.00	$ -
Loader		$ 90.00	$ -
Grad-all/Excavator		$ 125.00	$ -
Dozer		$ 95.00	$ -
Broce Broom		$ 75.00	$ -
Truck Vac-Broom & Teamster	1	$ 140.00	$ 140.00
Air-Compressor		$ 22.00	$ -
Paint Sprayer		$ 45.00	$ -
Asphalt Mill	1	$ 450.00	$ 450.00
		Equipment Total:	**$ 790.00**

Category	Subtotal	Markup %	Markup	Total
Labor Total	$ 313.64	10%	$ 31.36	$ 345.00
Equipment Total	$ 790.00	10%	$ 79.00	$ 869.00
Subcontractor Total	$ -	0%	$ -	$ -
			GRAND TOTAL:	**$ 1,214.00**

Total Hours	**4.53**	**$**	**5,499.44**

Walsh & Kelly Inc.

HMA RAMP & WEDGING CREW

LABOR	Hours	Rate	Fringes & Taxes	Total Rate	Extension
Laborer	3	$ 30.79	$ 25.81	$ 56.60	$ 169.80
Laborer OT		$ 46.19	$ 25.81	$ 72.00	$ -
Crew Foreman (Lake) Laborer	1	$ 38.79	$ 25.81	$ 64.60	$ 64.60
Crew Foreman (Lake) OT - Laborer		$ 58.19	$ 25.81	$ 84.00	$ -
Sureveyor		$ 85.00	$ 20.00	$ 105.00	$ -
Sureveyor OT		$ 127.50	$ 20.00	$ 147.50	$ -
Finisher Foreman		$ 43.34	$ 28.01	$ 71.35	$ -
Finisher Foreman OT		$ 65.01	$ 28.01	$ 93.02	$ -
Finisher Journeyman		$ 35.34	$ 28.01	$ 63.35	$ -
Finisher Journeyman OT		$ 53.01	$ 28.01	$ 81.02	$ -
Operator-1 (Lake)	5	$ 41.20	$ 44.48	$ 85.68	$ 428.40
Operator-1 (Lake) OT		$ 61.80	$ 44.48	$ 106.28	$ -
Teamster Griffith		$ 32.49	$ 36.01	$ 68.50	$ -
Teamster Griffith OT		$ 48.74	$ 36.01	$ 84.75	$ -
				Labor Total:	$ 662.80

EQUIPMENT Description	Hours	Total Rate	Extension
Pick-Up Truck		$ 20.00	$ -
1 Ton Crew Truck	2	$ 25.00	$ 50.00
Distrbutor		$ 85.00	$ -
Quad-Axle Omega w/ Driver		$ 140.00	$ -
Tri-Axle Omgega w/ Driver		$ 134.00	$ -
5 ton Vib asphalt roller		$ 60.00	$ -
8-10 ton Dirt/Stone roller		$ 55.00	$ -
10 Ton Vib Asphalt roller	2	$ 85.00	$ 170.00
Concrete Breaker		$ 50.00	$ -
Bobcat Skid Steer Grinder	1	$ 65.00	$ 65.00
Asphalt Paver	1	$ 110.00	$ 110.00
MTV		$ 130.00	$ -
Widener		$ 95.00	$ -
Chip Spreader		$ 75.00	$ -
Concrete Curb Machine		$ 100.00	$ -
Motorgrader		$ 95.00	$ -
Loader		$ 90.00	$ -
Grad-all/Excavator		$ 125.00	$ -
Dozer		$ 95.00	$ -
Broce Broom		$ 75.00	$ -
Truck Vac-Broom & Teamster	1	$ 140.00	$ 140.00
Air-Compressor		$ 22.00	$ -
Paint Sprayer		$ 45.00	$ -
Asphalt Mill & Crew		$ 620.00	$ -
		Equipment Total:	$ 535.00

Category	Subtotal	Markup %	Markup	Total
Labor Total	$ 662.80	10%	$ 66.28	$ 729.08
Equipment Total	$ 535.00	10%	$ 53.50	$ 588.50
Material Total		0%	$ -	$ -
Miscellaneous Total		0%	$ -	$ -
Subcontractor Total	$ -	0%	$ -	$ -
			GRAND TOTAL:	**$ 1,317.58**

Total Hours	**3.42**	**$**	**4,506.12**

Walsh & Kelly Inc.

HMA PAVING CREW

LABOR	Hours	Rate		Fringes & Taxes		Total Rate		Extension	
Laborer	3	$	30.79	$	25.81	$	56.60	$	169.80
Laborer OT		$	46.19	$	25.81	$	72.00	$	-
Crew Foreman (Lake) Laborer	1	$	38.79	$	25.81	$	64.60	$	64.60
Crew Foreman (Lake) OT - Laborer		$	58.19	$	25.81	$	84.00	$	-
Sureveyor		$	85.00	$	20.00	$	105.00	$	-
Sureveyor OT		$	127.50	$	20.00	$	147.50	$	-
Finisher Foreman		$	43.34	$	28.01	$	71.35	$	-
Finisher Foreman OT		$	65.01	$	28.01	$	93.02	$	-
Finisher Journeyman		$	35.34	$	28.01	$	63.35	$	-
Finisher Journeyman OT		$	53.01	$	28.01	$	81.02	$	-
Operator-1 (Lake)	3	$	41.20	$	44.48	$	85.68	$	257.04
Operator-1 (Lake) OT		$	61.80	$	44.48	$	106.28	$	-
Teamster Griffith		$	32.49	$	36.01	$	68.50	$	-
Teamster Griffith OT		$	48.74	$	36.01	$	84.75	$	-
							Labor Total:	**$**	**491.44**

EQUIPMENT Description	Hours	Total Rate		Extension	
Pick-Up Truck		$	20.00	$	-
1 Ton Crew Truck	2	$	25.00	$	50.00
Distrbutor		$	85.00	$	-
Quad-Axle Omega w/ Driver		$	140.00	$	-
Tri-Axle Omgega w/ Driver		$	134.00	$	-
5 ton Vib asphalt roller		$	60.00	$	-
8-10 ton Dirt/Stone roller		$	55.00	$	-
10 Ton Vib Asphalt roller	2	$	85.00	$	170.00
Concrete Breaker		$	50.00	$	-
Bobcat Skid Steer Grinder		$	65.00	$	-
Asphalt Paver	1	$	110.00	$	110.00
MTV		$	130.00	$	-
Widener		$	95.00	$	-
Chip Spreader		$	75.00	$	-
Concrete Curb Machine		$	100.00	$	-
Motorgrader		$	95.00	$	-
Loader		$	90.00	$	-
Grad-all/Excavator		$	125.00	$	-
Dozer		$	95.00	$	-
Broce Broom		$	75.00	$	-
Truck Vac-Broom & Teamster		$	140.00	$	-
Air-Compressor		$	22.00	$	-
Paint Sprayer		$	45.00	$	-
Asphalt Mill & Crew		$	620.00	$	-
			Equipment Total:	**$**	**330.00**

Category	Subtotal		Markup %	Markup		Total	
Labor Total	$	491.44	10%	$	49.14	$	540.58
Equipment Total	$	330.00	10%	$	33.00	$	363.00
Material Total			0%	$	-	$	-
Miscellaneous Total			0%	$	-	$	-
Subcontractor Total	$	-	0%	$	-	$	-
					GRAND TOTAL:	$	903.58

Total Hours	**3.32**	**$**	**2,999.90**

Walsh & Kelly Inc.

MACHINE / CENTER CURB CONCRETE CREW

LABOR	Hours	Rate	Fringes & Taxes	Total Rate	Extension
Laborer	3	$ 30.79	$ 25.81	$ 56.60	$ 169.80
Laborer OT		$ 46.19	$ 25.81	$ 72.00	$ -
Crew Foreman (Lake) Laborer	1	$ 38.79	$ 25.81	$ 64.60	$ 64.60
Crew Foreman (Lake) OT - Laborer		$ 58.19	$ 25.81	$ 84.00	$ -
Sureveyor		$ 85.00	$ 20.00	$ 105.00	$ -
Sureveyor OT		$ 127.50	$ 20.00	$ 147.50	$ -
Finisher Foreman		$ 43.34	$ 28.01	$ 71.35	$ -
Finisher Foreman OT		$ 65.01	$ 28.01	$ 93.02	$ -
Finisher Journeyman		$ 35.34	$ 28.01	$ 63.35	$ -
Finisher Journeyman OT		$ 53.01	$ 28.01	$ 81.02	$ -
Operator-1 (Lake)	3	$ 41.20	$ 44.48	$ 85.68	$ 257.04
Operator-1 (Lake) OT		$ 61.80	$ 44.48	$ 106.28	$ -
Teamster Griffith		$ 32.49	$ 36.01	$ 68.50	$ -
Teamster Griffith OT		$ 48.74	$ 36.01	$ 84.75	$ -
				Labor Total:	**$ 491.44**

EQUIPMENT Description	Hours	Total Rate	Extension
Pick-Up Truck		$ 20.00	$ -
1 Ton Crew Truck	2	$ 25.00	$ 50.00
Distrbutor		$ 85.00	$ -
Quad-Axle Omega w/ Driver		$ 140.00	$ -
Tri-Axle Omgega w/ Driver		$ 134.00	$ -
5 ton Vib asphalt roller		$ 60.00	$ -
8-10 ton Dirt/Stone roller		$ 55.00	$ -
10 Ton Vib Asphalt roller		$ 85.00	$
Concrete Breaker		$ 50.00	$ -
Bobcat Skid Steer Grinder		$ 65.00	$ -
Asphalt Paver		$ 110.00	$
MTV		$ 130.00	$ -
Widener		$ 95.00	$ -
Chip Spreader		$ 75.00	$ -
Concrete Curb Machine	2.80	$ 100.00	$ 280.00
Motorgrader		$ 95.00	$ -
Loader		$ 90.00	$ -
Grad-all/Excavator		$ 125.00	$ -
Dozer		$ 95.00	$ -
Broce Broom		$ 75.00	$ -
Truck Vac-Broom & Teamster		$ 140.00	$ -
Air-Compressor		$ 22.00	$ -
Paint Sprayer		$ 45.00	$ -
Asphalt Mill & Crew		$ 620.00	$ -
		Equipment Total:	**$ 330.00**

Category	Subtotal	Markup %	Markup	Total
Labor Total	$ 491.44	10%	$ 49.14	$ 540.58
Equipment Total	$ 330.00	10%	$ 33.00	$ 363.00
Material Total		0%	$ -	$ -
Miscellaneous Total		0%	$ -	$ -
Subcontractor Total	$ -	0%	$ -	$ -
			GRAND TOTAL:	**$ 903.58**

Total Hours **4.98** **$ 4,499.85**

Walsh & Kelly Inc.

CONCRETE CREW

LABOR	Hours	Rate	Fringes & Taxes	Total Rate	Extension
Laborer	3	$ 30.79	$ 25.81	$ 56.60	$ 169.80
Laborer OT		$ 46.19	$ 25.81	$ 72.00	$ -
Crew Foreman (Lake) Laborer		$ 38.79	$ 25.81	$ 64.60	$ -
Crew Foreman (Lake) OT - Laborer		$ 58.19	$ 25.81	$ 84.00	$ -
Sureveyor		$ 85.00	$ 20.00	$ 105.00	$ -
Sureveyor OT		$ 127.50	$ 20.00	$ 147.50	$ -
Finisher Foreman	1	$ 43.34	$ 28.01	$ 71.35	$ 71.35
Finisher Foreman OT		$ 65.01	$ 28.01	$ 93.02	$ -
Finisher Journeyman	4	$ 35.34	$ 28.01	$ 63.35	$ 253.40
Finisher Journeyman OT		$ 53.01	$ 28.01	$ 81.02	$ -
Operator-1 (Lake)		$ 41.20	$ 44.48	$ 85.68	$ -
Operator-1 (Lake) OT		$ 61.80	$ 44.48	$ 106.28	$ -
Teamster Griffith		$ 32.49	$ 36.01	$ 68.50	$ -
Teamster Griffith OT		$ 48.74	$ 36.01	$ 84.75	$ -
				Labor Total:	**$ 494.55**

EQUIPMENT Description	Hours	Total Rate	Extension
Pick-Up Truck		$ 20.00	$ -
1 Ton Crew Truck	2	$ 25.00	$ 50.00
Distrbutor		$ 85.00	$ -
Quad-Axle Omega w/ Driver		$ 140.00	$ -
Tri-Axle Omgega w/ Driver		$ 134.00	$ -
5 ton Vib asphalt roller		$ 60.00	$ -
8-10 ton Dirt/Stone roller		$ 55.00	$ -
10 Ton Vib Asphalt roller		$ 85.00	$ -
Concrete Breaker		$ 50.00	$ -
Bobcat Skid Steer Grinder		$ 65.00	$ -
Asphalt Paver		$ 110.00	$ -
MTV		$ 130.00	$ -
Widener		$ 95.00	$ -
Chip Spreader		$ 75.00	$ -
Concrete Curb Machine		$ 100.00	$ -
Motorgrader		$ 95.00	$ -
Loader		$ 90.00	$ -
Grad-all/Excavator		$ 125.00	$ -
Dozer		$ 95.00	$ -
Broce Broom		$ 75.00	$ -
Truck Vac-Broom & Teamster		$ 140.00	$ -
Air-Compressor		$ 22.00	$ -
Paint Sprayer		$ 45.00	$ -
Asphalt Mill & Crew		$ 620.00	$ -
		Equipment Total:	**$ 50.00**

Category	Subtotal	Markup %	Markup	Total
Labor Total	$ 494.55	10%	$ 49.46	$ 544.01
Equipment Total	$ 50.00	10%	$ 5.00	$ 55.00
Material Total		0%	$ -	$ -
Miscellaneous Total		0%	$ -	$ -
Subcontractor Total	$ -	0%	$ -	$ -
			GRAND TOTAL:	**$ 599.01**

Total Hours **7.5** **$ 4,492.54**