

Contract Modification

City of Detroit

5/25/2021 12:35 PM

FieldManager 5.3c

Contract: _PW-7005, City of Detroit - Kercheval Streetscape

Cont. Mod. Number	Revision Number	Cont. Mod. Date	Electronic File Created	Net Change	Awarded Contract Amount
1	1	5/25/2021	No	\$167,264.04	\$7,523,467.26
Route		Managing Office AECOM Detroit		District 0	Entered By Heather Ball
Contract Location Detroit					

Short Description

Balancing Original Items and adding New Items

Description of Changes

Pay item quantity adjustments resulting from plan revisions and field measure.

Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
_ Bracket Arm, Bolt On, Rem	8197050	1490	0745	PW-7005	1	Original	-1.000	Ea	125.00000	\$-125.00

_ Conc Curb, Detail CD, Modified	8027001	0440	0220	PW-7005	1	Original	37.690	Ft	40.00000	\$1,507.60
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_ Concrete Repr, Nonreinf Conc, 10 inch, Modified	6027011	0400	0200	PW-7005	1	Original	98.540	Syd	117.00000	\$11,529.18
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Reason: Quantity based on field measure. Miscellaneous quantity estimated in design was not sufficient to address all conditions of concern.

_ Conditioning Existing Pavement, Modified	5017031	0350	0175	PW-7005	1	Original	-776.790	Ton	160.00000	\$-124,286.40
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Reason: Quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.

_ Curb Ramp Opening, Conc	8027001	0470	0235	PW-7005	1	Original	1,661.500	Ft	48.00000	\$79,752.00
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Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
_ Dr Structure Cover, Modified	4037050	0240	0120	PW-7005	1	Original	4.000	Ea	2,000.00000	\$8,000.00
_ HMA Approach, Driveway, Modified	5017031	0360	0180	PW-7005	1	Original	-498.140	Ton	240.00000	\$-119,553.60
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
_ HMA Approach, Modified	5017031	0370	0185	PW-7005	1	Original	-46.660	Ton	165.00000	\$-7,698.90
_ Integral Curb and Sidewalk, 1.5 foot	8027001	0450	0225	PW-7005	1	Original	683.660	Ft	40.00000	\$27,346.40
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
_ Integral Curb and Sidewalk, 2 foot	8027001	0460	0230	PW-7005	1	Original	-1,379.000	Ft	42.00000	\$-57,918.00
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
_ Litter and Debris, Rem	2047021	2080	1030	PW-7005	1	Original	-40.000	Cyd	800.00000	\$-32,000.00
Reason: Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and was not needed. Work was not performed.										
_ Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching, White	8117001	0680	0340	PW-7005	1	Original	-13,774.000	Ft	5.95000	\$-81,966.30
Reason: This item is being replaced by a new item that is being set up to use polyurea in lieu of the modified urethane material. The associated costs are offsetting.										
_ Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk	8117001	0670	0335	PW-7005	1	Original	-14,410.000	Ft	5.95000	\$-85,739.50
Reason: This item is being replaced by a new item that is being set up to use polyurea in lieu of the modified urethane material. The associated costs are offsetting.										

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
_ Pavt Mrkg, Modified Urethane, 18 inch, Stop Bar	8117001	0710	0355	PW-7005	1	Original	-553.000	Ft	10.00000	\$-5,530.00
_ Pavt Mrkg, Modified Urethane, 4 inch, White	8117001	0690	0345	PW-7005	1	Original	-42,985.000	Ft	0.75000	\$-32,238.75
Reason: This item is being replaced by a new item that is being set up to use sprayable thermoplastic in lieu of the modified urethane material. There is a unit price credit for this change.										
_ Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8117001	0700	0350	PW-7005	1	Original	-25,492.000	Ft	0.75000	\$-19,119.00
Reason: This item is being replaced by a new item that is being set up to use sprayable thermoplastic in lieu of the modified urethane material. There is a unit price credit for this change.										
_ Pavt Mrkg, Modified Urethane, Left Turn Arrow Symbol	8117001	0780	0390	PW-7005	1	Original	-13.000	Ft	175.00000	\$-2,275.00
_ Pavt Mrkg, Modified Urethane, Only	8117001	0790	0395	PW-7005	1	Original	-15.000	Ft	175.00000	\$-2,625.00
_ Pavt Mrkg, Modified Urethane, Rt Turn Arrow Symbol	8117001	0800	0400	PW-7005	1	Original	-2.000	Ft	175.00000	\$-350.00
_ Reconstruct Dr Structure, Case 1, Modified	4037050	0260	0130	PW-7005	1	Original	-4.000	Ea	1,200.00000	\$-4,800.00
Aggregate Base	3020001	0160	0075	PW-7005	1	Original	514.520	Ton	52.00000	\$26,755.04

Reason: Quantity based on field measure. Design estimated quantity did not cover quantity required to construct all raised bus stops/cycle track.

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Aggregate Base, 6 inch	3020016	0160	0080	PW-7005	1	Original	3,510.780	Syd	14.00000	\$49,150.92
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
Barr, Type III, High Inten, I	8120010	0890	0445	PW-7005	1	Original	-140.000	Ea	125.00000	\$-17,500.00
Reason: Contractor staging did not require closing every other side street crossing as allowed and therefore full quantity of Type III barricades was not required.										
Cable, Sec, 600V, 2, 1/C#4 Modified	8190404	1410	0705	PW-7005	1	Original	5.000	Ft	4.36000	\$21.90
Cable, Sec, 600V, 3, 1/C#4 Modified	8190405	1420	0710	PW-7005	1	Original	-473.000	Ft	4.65000	\$-2,199.45
Cold Milling HMA Surface	5010002	0340	0170	PW-7005	1	Original	3,269.580	Syd	6.00000	\$19,617.48
Reason: Quantity based on field measure. Design quantity did not account for full limits of proposed resurfacing work.										
Conc Base Cse, Nonreinf, 9 inch	6020021	0390	0195	PW-7005	1	Original	-350.000	Syd	102.00000	\$-35,700.00
Reason: Quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
Conc Pavt, Misc, Nonreinf, 8 inch	6020054	0360	0190	PW-7005	1	Original	-281.550	Syd	82.00000	\$-23,087.10
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
Conduit, Directional Bore, 2, 3 inch	8190604	1390	0695	PW-7005	1	Original	130.000	Ft	28.90000	\$3,757.00
Conduit, Encased, 1, 3 inch Modified	8190058	1440	0720	PW-7005	1	Original	-12.500	Ft	142.00000	\$-1,775.00

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Conduit, Encased, 2, 3 inch Modified	8190059	1450	0725	PW-7005	1	Original	45.000	Ft	149.00000	\$6,705.00
Conduit, Encased, 3, 4 inch Modified	8190072	1470	0735	PW-7005	1	Original	19.000	Ft	156.00000	\$2,964.00
Curb, Rem Modified	2040021	0090	0045	PW-7005	1	Original	4,229.830	Ft	16.00000	\$67,677.28
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
Dr Structure Cover, Adj, Case 1 Modified	4030005	0230	0115	PW-7005	1	Original	32.000	Ea	800.00000	\$25,600.00
Reason: Quantity based on field measure. Design quantity did not account for all structures requiring adjustment.										
Dr Structure, 48 inch dia	4030210	0250	0125	PW-7005	1	Original	1.000	Ea	7,000.00000	\$7,000.00
Dr Structure, 48 inch dia Streetscape	4030210	0210	0105	PW-7005	1	Original	3.000	Ea	4,000.00000	\$12,000.00
Reason: Additional drainage structures were required to establish positive drainage outlets for work associated with the raised bus stops/cycle track.										
Dr Structure, Rem	2030011	0030	0015	PW-7005	1	Original	4.000	Ea	800.00000	\$3,200.00
Driveway, Nonreinf Conc, 8 Inch Modified	8010007	0420	0210	PW-7005	1	Original	334.230	Syd	84.00000	\$28,075.32
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
Erosion Control, Sediment Trap	2080034	0120	0060	PW-7005	1	Original	26.000	Ea	140.00000	\$3,640.00

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Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Excavation, Earth Modified	2050016	0110	0055	PW-7005	1	Original	1,488.020	Cyd	52.00000	\$77,377.04
Reason: Quantity based on field measure. Design quantity did not account for any excavation required to construct the aggregate base/sidewalk cross section.										
Hand Patching	5010025	0310	0155	PW-7005	1	Original	-6.000	Ton	350.00000	\$-2,100.00
Hh, Polymer Conc Modified	8190250	1520	0760	PW-7005	1	Original	-6.000	Ea	1,110.00000	\$-6,660.00
Hh, Round	8190260	1260	0630	PW-7005	1	Original	1.000	Ea	1,400.00000	\$1,400.00
HMA Surface, Rem	5010005	0290	0145	PW-7005	1	Original	-2,755.500	Syd	7.00000	\$-19,288.50
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
HMA, 5E3	5010057	0330	0165	PW-7005	1	Original	44.530	Ton	142.00000	\$6,323.26
Luminaire, Rem	8190360	1340	0670	PW-7005	1	Original	-1.000	Ea	80.00000	\$-80.00
Monument Preservation, Vertical Modified	8210015	2020	1010	PW-7005	1	Original	-1.000	Ea	3,000.00000	\$-3,000.00
Non Haz Contam Mat'l Handling & Disp, LM	2050031	0100	0050	PW-7005	1	Original	-10.000	Cyd	100.00000	\$-1,000.00

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Pavt Mrkg, Longit, 6"or Less Width, Rem	8120210	0930	0465	PW-7005	1	Original	11,914.000	Ft	0.59000	\$7,029.26
Pavt Mrkg, Type NR, Tape, 4inch, White, T	8120230	0940	0470	PW-7005	1	Original	35,456.000	Ft	0.59000	\$20,919.04
Reason: Temperature limitations prevented permanent pavement markings from being placed prior to the seasonal shutdown. Additional temporary markings were placed in order to maintain traffic through the winter.										
Pavt Mrkg, Type NR, Tape, 4inch, Yellow, T	8120231	0950	0475	PW-7005	1	Original	16,405.000	Ft	0.59000	\$9,678.95
Reason: Temperature limitations prevented permanent pavement markings from being placed prior to the seasonal shutdown. Additional temporary markings were placed in order to maintain traffic through the winter.										
Pavt Repr, Rem	6030080	0410	0205	PW-7005	1	Original	46.990	Syd	40.00000	\$1,879.60
Pavt, Rem	2040050	0060	0030	PW-7005	1	Original	1,191.970	Syd	28.00000	\$33,375.16
Reason: Additional quantity was required at locations where raised bus stops/cycle track islands were relocated after pavement removal had taken place in the original location. Areas of thickened existing pavement required payment for double pavement removal per specification.										
PavtMrkg,WiRef,Type R, Tape, 4 in, Wh, Temp	8120245	0960	0480	PW-7005	1	Original	-11,470.000	Ft	1.85000	\$-21,219.50
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
PavtMrkg,WiRef,Type R, Tape, 4 in, Ye, Temp	8120246	0970	0495	PW-7005	1	Original	-21,012.000	Ft	1.85000	\$-38,872.20
Reason: Final quantity based on field measure. Miscellaneous quantity was estimated in design to be used at the Engineer's discretion and full quantity was not needed.										
Sewer, CI IV, 12 inch, Tr Det B	4020987	0170	0085	PW-7005	1	Original	235.000	Ft	100.00000	\$23,500.00

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Increases / Decreases

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	Item Type	Quantity Change	Unit	Unit Price	Dollar Value
Sidewalk Ramp, Conc, 6 inch Modified	8030036	0490	0245	PW-7005	1	Original	-3,000.000	Sft	11.00000	\$-33,000.00
Reason: Quantity based on field measure. Full quantity estimated in design was not needed.										
Sidewalk, Conc, 4 inch Modified	8030044	0500	0250	PW-7005	1	Original	10,376.930	Sft	6.00000	\$62,261.58
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
Sidewalk, Conc, 6 inch Modified	8030046	0510	0255	PW-7005	1	Original	848.080	Sft	8.00000	\$6,784.64
Sidewalk, Rem	2040055	0070	0035	PW-7005	1	Original	2,223.230	Syd	18.00000	\$40,018.14
Reason: Quantity based on field measure. Additional concrete scope added to the contract to maintain ADA compliance.										
Slope Restoration, Type B	8160101	1160	0580	PW-7005	1	Original	607.570	Syd	16.00000	\$9,721.12
Underdrain, Subbase, 4 inch	4040061	0280	0140	PW-7005	1	Original	805.000	Fi	21.00000	\$16,905.00
Water Shutoff, Adj, Case 1 Modified	8230421	2030	1015	PW-7005	1	Original	15.000	Ea	500.00000	\$7,500.00
Water Shutoff, Adj, Case 2 Modified	8230422	2040	1020	PW-7005	1	Original	-10.000	Ea	260.00000	\$-2,600.00
Total Dollar Value:										<u>\$-75,324.29</u>

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New Items

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	ItemType	Proposed Quantity	Unit	Unit Price	Dollar Value
Pavt Mrlkg, Poly,12 in Cross Hatch,White	8110108	2105	1085	PW-7005	1	Extra	13,774.000	Ft	5.95000	\$81,955.30

Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Polyurea, 12 inch, Crosswalk	8110110	2100	1080	PW-7005	1	Extra	14,410.000	Ft	5.95000	\$85,739.50
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Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Polyurea, 18 inch, Stop Bar	8110113	2110	1090	PW-7005	1	Extra	553.000	Ft	10.00000	\$5,530.00
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Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Polyurea, Lt Turn Arrow Sym 18 inch	8110405	2115	1095	PW-7005	1	Extra	13.000	Ea	175.00000	\$2,275.00
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Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Polyurea, Only 18 inch	8110410	2120	1100	PW-7005	1	Extra	15.000	Ea	175.00000	\$2,625.00
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Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Polyurea, Rt Turn Arrow Sym 18 inch	8110412	2125	1105	PW-7005	1	Extra	2.000	Ea	175.00000	\$350.00
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Reason: This item is being created to use polyurea material in lieu of the original modified urethane material item. The associated costs are offsetting.

Pavt Mrlkg, Wet Retrkt	8110500	2090	1070	PW-7005	1	Extra	42,985.000	Ft	0.39000	\$16,764.15
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Reason: This item is being created to use sprayable thermoplastic material in lieu of the original modified urethane material item. There is a unit price credit for this change. The unit prices was negotiated and in line with average unit prices for the type and circumstances of this work.

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New Items

Item Description	Item Code	Prop. Line	Proj. Line	Project	Catg.	ItemType	Proposed Quantity	Unit	Unit Price	Dollar Value
PavtMktg, WetRetrfrk	8110504	2095	1075	PW-7005	1	Extra	25,492.000	Ft	0.39000	\$9,941.88

Reason: This item is being created to use sprayable thermoplastic material in lieu of the original modified urethane material item. There is a unit price credit for this change. The unit prices was negotiated and in line with average unit prices for the type and circumstances of this work.

Recessing Pavt Mktg, Transv	8110451	2130	1110	PW-7005	1	Extra	14,963.000	Sft	2.50000	\$37,407.50
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Reason: This item is being created to recess stop bars and crosswalks in accordance with the City of Detroit Traffic Engineering Department standards. The unit prices was negotiated and in line with average unit prices for the type and circumstances of this work.

Total Dollar Value: \$242,588.33

Project / Category Summary

Project/Catg	Project/Category Description	Federal Number	Project Status	Finance System	Control Section	Dollar Value
PW-7005	City of Detroit - Kercheval Streetscape	0	CNST			
1	City of Detroit					\$167,264.04
Total:						<u>\$167,264.04</u>

Total Net Change Amount: \$167,264.04

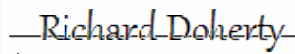
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If authorized, the contractor agrees to do the work outlined above under the direction of the Engineer, and to accept as payment in full the basis of payment as indicated. Prime Contractor, you are authorized and instructed as the contractor to do the work described herein in accordance with the terms of your contract.

Prime Contractor: Major Cement Co.  Signature <u>Joe Scappatini</u> <u>5/25/2021</u> Date	Recommended by Construction Engineer: Steven Bannasch  Signature Steven R. Bannasch Jun 10 2021 4:43 PM DocuSign
Prepared by Project Engineer: Alan Ostrowski <u>Alan R. Ostrowski</u> Signature Alan R. Ostrowski May 25 2021 4:43 PM Date	Authorized by Managing Office Manager: Pamela Lemme  Signature Pamela A. Lemme Jun 10 2021 11:27 AM DocuSign
City Engineer: Richard Doherty  Signature Richard Doherty City Engineer Jun 11 2021 10:21 AM DocuSign	Signature Date
Signature Date	Signature Date
Signature Date	Signature Date