

MAJOR

CEMENT CO.

15347 Dale Detroit, MI 48223

FOR: DPW – CITY ENGINEERING DIVISION

INVOICE DATE: 01/28/2022

PERIOD: WORK COMPLETED DURING THE PERIOD OF: 10-02-2021 – 12-02-2021

TAX ID MAJOR: 38-2204512

PO NUMBER: 3045390

INVOICE NUMBER: PW7017 20-11.08

DESCRIPTION: PW-7017 City of Detroit – Grand Parklet Streetscape

INVOICE AMOUNT: \$43,938.72

LESS RETAINAGE:

PAY AMOUNT: \$43,938.72

APPROVED BY: 

Ian M. Duncan
Feb 14 2022 11:16 AM

DocuSign

Richard Doherty
City Engineer
Mar 23 2022 9:49 AM

DocuSign

Steven R. Bannasch
Mar 22 2022 6:05 PM

DocuSign



City of Detroit

Construction Pay Estimate Report

1/28/2022 1:20 PM

FieldManager 5.3c

Contract: .PW-7017, Hardscape park with raised concrete planters

Estimate Date	Estimate No.	Entered By	Estimate Type	Electronic File Created	All Contract Work Completed	Construction Started Date
01/28/2022	8	Mike Teachout	Semi-Monthly	No		10/5/2020
Prime Contractor Major Cement Co.				Managing Office WSP, 500 Griswold St, Suite 2600, Detroit, MI		

Time Charges

Site	Site Description	Site Method	Days Charged	Liq. Damages
00	SITE NUMBERS SHOULD BE CODED 00	Completion Date		\$0
Total Liquidated Damages:				\$0

Pre-Voucher Summary

Project	Voucher No.	Item Payment	Stockpile Adjustment	Dollar Amount
PW-7017, Hardscape park with raised concrete planters	0008	\$0.00	\$0.00	\$0.00
Voucher Total:				\$0.00

Summary

Current Voucher Total:	\$0.00	Earnings to date:	\$846,873.50
-Current Retainage:	(\$43,938.72)	- Retainage to date:	\$0.00
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$43,938.72	Net Earnings to date:	\$846,873.50
		- Payments to date:	\$802,934.78
		Net Earnings this period:	\$43,938.72



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Construction Pay Estimate Report

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Estimate Certification

I certify the items included on this report constitute my estimate of work completed and due the contractor as of the date of this document.

Ian M. Duncan

Ian Michael Duncan
Feb 14 2022 11:16 AM

DocuSign

Jim Petronski / Ian Duncan (Project Engineer)

(Date)

Steven R. Bannasch

Steven R. Bannasch
Mar 22 2022 6:05 PM

DocuSign

Alan Ko (Construction Engineer)

(Date)

Steven R. Bannasch

Steven R. Bannasch
Mar 22 2022 6:05 PM

DocuSign

Steve Bannasch (Engineering Service Coordinator)

(Date)

Richard Doherty

Richard Doherty
City Engineer
Mar 23 2022 9:49 AM

DocuSign

Richard Doherty (City Engineer)

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 8

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City of Detroit

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Contract: .PW-7017, Hardscape park with raised concrete planters

Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
_ 36 x 24; Sandwich Board (Cor. Plastic) ; Double-Sided Full Color	8107050	0185	PW-7017	0001	12.000		0.000			530.00000	
_ 4ft x 6ft; Premium Banner; Single-Sided Full Color	8107050	0190	PW-7017	0001	12.000		0.000			530.00000	
_ 8ft x 2ft: Feather Flag: Single-Sided Full Color	8107050	0195	PW-7017	0001	12.000		0.000			212.00000	
_ Acid Staining	8507060	0550	PW-7017	0001	5,525.740		5,525.740	5,525.740	100%	1.00000	\$5,525.74
_ Aggregate Base, Drainage Course	3027021	0060	PW-7017	0001	100.000		4.290	4.290	4%	100.00000	\$429.00
_ Allium 'Millennium', #2 cont	8157050	0335	PW-7017	0001	34.000		34.000	34.000	100%	26.00000	\$884.00
_ Bike Rack	8157050	0340	PW-7017	0001	3.000		3.000	3.000	100%	1,200.00000	\$3,600.00
_ Bollard, Collapsible	8157050	0345	PW-7017	0001	4.000		4.000	4.000	100%	1,800.00000	\$7,200.00
_ Bollard, Fixed	8157050	0350	PW-7017	0001	9.000		9.000	9.000	100%	1,000.00000	\$9,000.00
_ Brick Planter Bed, Rem	2047050	0020	PW-7017	0001	1.000		1.000	1.000	100%	1,800.00000	\$1,800.00
_ Cable, Equipment Grounding Wire, 1/C#6, Cu	8197001	0475	PW-7017	0001	177.000		177.000	177.000	100%	3.16000	\$559.32
_ Cable, Sec, 600V, 2, 1/C#6, Cu	8197001	0480	PW-7017	0001	177.000		177.000	177.000	100%	6.03000	\$1,067.31
_ Cable, Sec, 600V, 3, 1/C#1, Cu	8197001	0485	PW-7017	0001	352.000		352.000	352.000	100%	6.73000	\$2,368.96
_ Cable, Sec, 600V, 3, 1/C#4, Modified	8197001	0490	PW-7017	0001	250.000		250.000	250.000	100%	7.25000	\$1,812.50
_ Calamagrostis x acutiflora 'Karl Foerste r', #2 cont	8157050	0355	PW-7017	0001	31.000		29.000	29.000	94%	26.00000	\$754.00
_ Chasmanthium latifolium, #2 cont	8157050	0360	PW-7017	0001	39.000		39.000	39.000	100%	26.00000	\$1,014.00
_ Cold Milling HMA Surface, Modified	5017011	0105	PW-7017	0001	366.000		366.000	366.000	100%	31.00000	\$11,346.00
_ Conc Base Cse, Nonreinf, 9 inch (Adjustment)	6027060	0585	PW-7017	0001	0.000		0.000			1.00000	
_ Concrete Curb, Detail CD	8027001	0125	PW-7017	0001	216.000		216.000	216.000	100%	46.00000	\$9,936.00
_ Conditioning Existing Pavement, Modified	5017031	0110	PW-7017	0001	20.000		0.000			225.00000	
_ Conduit, DB, 1, 3 inch	8197001	0495	PW-7017	0001	353.000		353.000	353.000	100%	35.34000	\$12,475.02

Contract: .PW-7017

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Construction Pay Estimate Amount Balance Report

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City of Detroit

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Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
_ Curb and Gutter, Conc, DET C1, Modified	8027001	0130	PW-7017	0001	86.000		84.500	84.500	98%	46.00000	\$3,887.00
_ Curb Wall	8157001	0295	PW-7017	0001	100.000		100.000	136.600	137%	56.00000	\$5,600.00
Quantity Withheld: 36.600											
_ Detectable Warning Surface, Modified	8037001	0140	PW-7017	0001	6.000		6.000	6.000	100%	40.00000	\$240.00
_ Dr Structure Cleaning, Modified	4037050	0070	PW-7017	0001	4.000		4.000	4.000	100%	400.00000	\$1,600.00
_ Dr Structure Cover, Adj, Case 1, Modified	4037050	0075	PW-7017	0001	1.000		1.000	1.000	100%	1,200.00000	\$1,200.00
_ Dr Structure Lead, Cleaning, Modified	4037001	0065	PW-7017	0001	312.000		0.000			7.00000	
_ Drinking Fountain	8157050	0365	PW-7017	0001	1.000		1.000	1.000	100%	7,000.00000	\$7,000.00
_ Drinking Fountain Drain Line	8507060	0565	PW-7017	0001	3,542.000		3,542.000	3,542.000	100%	1.00000	\$3,542.00
_ Echinacea purpurea 'Magnus', #2 cont	8157050	0370	PW-7017	0001	34.000		34.000	34.000	100%	26.00000	\$884.00
_ Feather Flag Indoor Cross-Base Stand 8ft (Full Kit)	8107050	0200	PW-7017	0001	12.000		0.000			53.00000	
_ Geotextile, Fabric	8507010	0535	PW-7017	0001	3,000.000		3,000.000	3,333.000	111%	0.75000	\$2,250.00
Quantity Withheld: 333.000											
_ Geotextile, Separator	8157010	0310	PW-7017	0001	2,800.000		2,783.000	2,783.000	99%	0.30000	\$834.90
_ Geranium 'Rozanne', #2 cont	8157050	0375	PW-7017	0001	37.000		35.000	35.000	95%	30.00000	\$1,050.00
_ Hemerocallis 'Bela Lugosi', #2 cont	8157050	0380	PW-7017	0001	21.000		21.000	21.000	100%	28.00000	\$588.00
_ Hh, Polymer Conc, Modified	8197050	0500	PW-7017	0001	1.000		1.000	1.000	100%	1,290.20000	\$1,290.20
_ Hosta 'Guacamole', #2 cont	8157050	0385	PW-7017	0001	35.000		35.000	35.000	100%	26.00000	\$910.00
_ Hosta 'Liberty', #2 cont	8157050	0390	PW-7017	0001	48.000		48.000	48.000	100%	26.00000	\$1,248.00
_ In-Ground Electric Power Box	8197051	0530	PW-7017	0001	1.000		1.000	1.000	100%	3,637.39000	\$3,637.39
_ Installation of GFI, Fusing, #10 Wire	8267051	0570	PW-7017	0001	0.000		0.000	1.000		3,443.76000	
Quantity Withheld: 1.000											
_ Irrigation	8157051	0465	PW-7017	0001	1.000		1.000	1.000	100%	25,600.00000	\$25,600.00

Contract: .PW-7017

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Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
_ Light Std Fdn, Modified	8197050	0505	PW-7017	0001	2.000		2.000	2.000	100%	1,876.01000	\$3,752.02
_ Light Std, Grand River Decorative, Insta ll	8197050	0510	PW-7017	0001	2.000		2.000	2.000	100%	1,107.97000	\$2,215.94
_ Luminaire, 150W, Install	8197050	0515	PW-7017	0001	2.000		2.000	2.000	100%	116.00000	\$232.00
_ Miscanthus sinensis 'Gold Bar', #2 cont	8157050	0395	PW-7017	0001	40.000		40.000	40.000	100%	26.00000	\$1,040.00
_ Mulch, Hardwood Bark, 2 inch Depth	8157011	0320	PW-7017	0001	260.000		260.000	260.000	100%	3.50000	\$910.00
_ Nepeta x faassenii 'Walker's Low', #2 co nt	8157050	0400	PW-7017	0001	18.000		18.000	18.000	100%	26.00000	\$468.00
_ Pachysandra terminalis, flat	8157050	0405	PW-7017	0001	8.000		8.000	8.000	100%	64.00000	\$512.00
_ Pavt Mrkg, Modified Urethane, 12 inch, C ross Hatching, White Quantity Withheld: 419.200	8117001	0225	PW-7017	0001	400.000		400.000	819.200	205%	5.95000	\$2,380.00
_ Pavt Mrkg, Modified Urethane, 4 inch, Wh ite	8117001	0230	PW-7017	0001	40.000		33.200	33.200	83%	5.00000	\$166.00
_ Perovskia atriplicifolia 'Little Spire', #1 cont	8157050	0410	PW-7017	0001	56.000		56.000	56.000	100%	18.00000	\$1,008.00
_ Planting Mixture, 24 inch Depth	8157011	0325	PW-7017	0001	310.000		166.870	166.870	54%	47.98000	\$8,006.42
_ Porous Resin Bonded Aggregate Quantity Withheld: 3.000	8157011	0330	PW-7017	0001	9.000		9.000	12.000	133%	830.00000	\$7,470.00
_ Recessing for Pavt Mrkg, 12 inch	8117001	0235	PW-7017	0001	67.000		63.000	63.000	94%	5.00000	\$315.00
_ Recessing for Pavt Mrkg, 18 inch	8117001	0240	PW-7017	0001	38.000		38.000	38.000	100%	5.00000	\$190.00
_ Remove, Salvage, and Install Landscape R ocks	2047050	0025	PW-7017	0001	1.000		1.000	1.000	100%	1,400.00000	\$1,400.00
_ Rosa 'Knock-Out', 24 inch spd	8157050	0415	PW-7017	0001	17.000		17.000	17.000	100%	44.00000	\$748.00
_ Seat Wall	8157001	0300	PW-7017	0001	120.000		107.600	107.600	90%	500.00000	\$53,800.00
_ Sedum kamtschaticum, #1 cont	8157050	0420	PW-7017	0001	51.000		51.000	51.000	100%	18.00000	\$918.00
_ Sedum ternatum, #1 cont	8157050	0425	PW-7017	0001	109.000		84.000	84.000	77%	18.00000	\$1,512.00



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Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	0145	PW-7017	0001	73.000		64.000	64.000	88%	17.00000	\$1,088.00
_ Sidewalk, Conc, 6 inch, Special Finish, Modified	8037010	0150	PW-7017	0001	5,055.000		5,055.000	5,084.700	101%	36.00000	\$181,980.00
Quantity Withheld: 29.700											
_ Sidewalk, Conc, 8 inch, Modified	8037010	0155	PW-7017	0001	48.000		39.670	39.670	83%	12.00000	\$476.04
_ Sign, 2-Fdn, wood supports, rem, salv an d install, Minock Park	2047050	0030	PW-7017	0001	1.000		1.000	1.000	100%	1,600.00000	\$1,600.00
_ Sign, Grand Parklet	8157050	0430	PW-7017	0001	1.000		1.000	1.000	100%	8,000.00000	\$8,000.00
_ Skateboard Guards	8507050	0575	PW-7017	0001	0.000		0.000			109.07000	
_ Spriaea japonica 'Little Princess', #3 c ont	8157050	0435	PW-7017	0001	36.000		36.000	36.000	100%	40.00000	\$1,440.00
_ Stabilized Lawn or Artificial Turf	8157010	0315	PW-7017	0001	1,100.000		1,100.000	1,100.000	100%	2.83000	\$3,113.00
_ Streetscape Grading	2057021	0040	PW-7017	0001	206.000		206.000	778.800	378%	42.00000	\$8,652.00
Quantity Withheld: 572.800											
_ Transition Wall	8157001	0305	PW-7017	0001	220.000		220.000	220.000	100%	500.00000	\$110,000.00
_ Trash Receptacle	8157050	0440	PW-7017	0001	2.000		2.000	2.000	100%	3,100.00000	\$6,200.00
_ Tree Grate, 7 ft Dia.	8157050	0445	PW-7017	0001	3.000		3.000	3.000	100%	8,000.00000	\$24,000.00
_ Tree Pit Area (For Tree Grates)	8157050	0450	PW-7017	0001	3.000		3.000	3.000	100%	600.00000	\$1,800.00
_ Ulmus 'Patriot', 4 inch, B&B	8157050	0455	PW-7017	0001	9.000		9.000	9.000	100%	715.00000	\$6,435.00
_ Undercut and Fill	8267021	0540	PW-7017	0001	5.000		5.000	18.990	380%	60.00000	\$300.00
Quantity Withheld: 13.990											
_ Utility Pole, Rem	2047050	0035	PW-7017	0001	1.000		1.000	1.000	100%	216.00000	\$216.00
_ Water Shutoff, Adj, Case 1, Modified	4037050	0080	PW-7017	0001	2.000		2.000	2.000	100%	300.00000	\$600.00
_ Watering and Cultivating, _____ Season, M in. _____, Modified	8157051	0470	PW-7017	0001	1.000		1.000	1.000	100%	6,725.00000	\$6,725.00
_ Weathered Steel Screen Wall	8157050	0460	PW-7017	0001	1.000		1.000	1.000	100%	60,000.00000	\$60,000.00
_ Weathered Steel Screen Wall	8507060	0545	PW-7017	0001	7,000.000		7,000.000	7,000.000	100%	1.00000	\$7,000.00

Contract: .PW-7017

Estimate: 8

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Construction Pay Estimate Amount Balance Report

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Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
_ Wood Pole, Fit Up, Metered Sec Elec Serv	8197050	0520	PW-7017	0001	1.000		1.000	1.000	100%	2,949.23000	\$2,949.23
_ Wood Pole, Fit Up, Sec Cable Pole	8197050	0525	PW-7017	0001	1.000		1.000	1.000	100%	811.39000	\$811.39
Aggregate Base, 6 inch	3020016	0055	PW-7017	0001	808.000		770.030	770.430	95%	14.00000	\$10,780.42
Quantity Withheld: 0.400											
Barr, TypeIII, HighInten, DblSided, Ltd, F	8120012	0245	PW-7017	0001	10.000		10.000	10.000	100%	95.00000	\$950.00
Barr, TypeIII, HighInten, DblSided, Ltd, C	8120013	0250	PW-7017	0001	10.000		10.000	10.000	100%	0.01000	\$0.10
Channelizing Device, 42 inch, Furn	8120030	0260	PW-7017	0001	30.000		30.000	30.000	100%	19.00000	\$570.00
Channelizing Device, 42 inch, Oper	8120031	0265	PW-7017	0001	30.000		30.000	30.000	100%	0.01000	\$0.30
Conc Base Cse, Nonreinf, 9 inch	6020021	0115	PW-7017	0001	135.000		135.000	143.970	107%	100.00000	\$13,500.00
Quantity Withheld: 8.970											
Curb Ramp Opening, Conc	8030030	0135	PW-7017	0001	18.000		18.000	18.000	100%	52.00000	\$936.00
Driveway, Nonreinf Conc, 8 inch	8010007	0120	PW-7017	0001	58.000		53.270	53.270	92%	84.00000	\$4,474.68
Ero Con, Inlet Protection, Sediment Trap	2080024	0045	PW-7017	0001	4.000		3.000	3.000	75%	140.00000	\$420.00
Erosion Control, Silt Fence	2080036	0050	PW-7017	0001	50.000		48.000	48.000	96%	6.00000	\$288.00
Hand Patching	5010025	0090	PW-7017	0001	1.000		0.490	0.490	49%	600.00000	\$294.00
HMA Surface, Rem	5010005	0085	PW-7017	0001	427.000		427.000	476.000	111%	12.00000	\$5,124.00
Quantity Withheld: 49.000											
HMA, 4E3	5010051	0095	PW-7017	0001	54.000		43.130	43.130	80%	260.00000	\$11,213.80
HMA, 5E3	5010057	0100	PW-7017	0001	42.000		42.000	42.000	100%	300.00000	\$12,600.00
Minor Traf Devices	8120170	0270	PW-7017	0001	1.000		1.000	1.000	100%	30,000.00000	\$30,000.00
Mobilization, Max	1500001	0005	PW-7017	0001	1.000		1.000	1.000	100%	78,000.00000	\$78,000.00
Pavt Mrkg, Ovly Cold Plastic, 12in, X-Walk	8110041	0205	PW-7017	0001	67.000		63.000	130.000	194%	10.00000	\$630.00
Quantity Withheld: 67.000											
Pavt Mrkg, Spray Thermopl, 4 inch, White	8110153	0220	PW-7017	0001	142.000		142.000	155.000	109%	7.00000	\$994.00
Quantity Withheld: 13.000											



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Item Description	Item Code	Prop. Line	Project	Category	Authorized Quantity	Quantity This Estimate	Qty. Paid To Date	Total Qty. Placed	% Cpt	Unit Price	Dollar Amt. Paid To Date
Pavt Mrkg,Ovly Cold Plastic,Thru Ar Sym	8110078	0215	PW-7017	0001	1.000		1.000	1.000	100%	180.00000	\$180.00
Pavt Mrkg,Ovly ColdPlastic,18in,Stop Bar	8110044	0210	PW-7017	0001	38.000		38.000	38.000	100%	15.00000	\$570.00
Pavt, Rem	2040050	0010	PW-7017	0001	472.000		472.000	476.000	101%	23.00000	\$10,856.00
Quantity Withheld: 4.000											
Pedestrian Type II Barricade, Temp	8120026	0255	PW-7017	0001	2.000		2.000	2.000	100%	150.00000	\$300.00
Post, Steel, 3 lb	8100371	0160	PW-7017	0001	112.000		112.000	112.000	100%	8.00000	\$896.00
Sidewalk, Rem	2040055	0015	PW-7017	0001	361.000		361.000	374.750	104%	21.00000	\$7,581.00
Quantity Withheld: 13.750											
Sign, Type B, Temp, Prismatic, Furn	8120350	0275	PW-7017	0001	344.000		344.000	344.000	100%	6.00000	\$2,064.00
Sign, Type B, Temp, Prismatic, Oper	8120351	0280	PW-7017	0001	344.000		344.000	344.000	100%	0.01000	\$3.44
Sign, Type B,Temp,Prismatic,Spec, Furn	8120352	0285	PW-7017	0001	88.000		88.000	88.000	100%	12.00000	\$1,056.00
Sign, Type B,Temp,Prismatic,Spec, Oper	8120353	0290	PW-7017	0001	88.000		88.000	88.000	100%	0.01000	\$0.88
Sign, Type III, Erect, Salv	8100402	0165	PW-7017	0001	2.000		1.000	1.000	50%	100.00000	\$100.00
Sign, Type III, Rem	8100403	0170	PW-7017	0001	9.000		9.000	9.000	100%	10.00000	\$90.00
Sign, Type IIIA	8100404	0175	PW-7017	0001	23.000		23.000	23.000	100%	19.50000	\$448.50
Sign, Type IIIB	8100405	0180	PW-7017	0001	20.000		20.000	20.000	100%	19.50000	\$390.00
Percentage of Contract Completed(curr): 94%											
(total paid to date / total of all authorized work)											
							Total Amount Paid This Estimate:			\$0.00	
							Total Amount Paid To Date:			\$846,873.50	