

MAJOR

C E M E N T C O.

15347 Dale Detroit, MI 48223

FOR: DPW – CITY ENGINEERING DIVISION

INVOICE DATE: 10-31-2020

PERIOD: WORK COMPLETED DURING THE PERIOD OF: 10-17-2020 to 10-30-2020

TAX ID MAJOR: 38-2204512

PO NUMBER: 3045390

INVOICE NUMBER: PW7017 20-11.02

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

INVOICE AMOUNT: \$19873.03

LESS RETAINAGE: (\$1987.30)

PAY AMOUNT: \$17885.73

APPROVED BY: _____



Steven R. Bannasch
Steven R. Bannasch
Dec 11 2020 3:21 PM

DocuSign

Richard Doherty
City Engineer
Richard Doherty
Dec 11 2020 3:47 PM

DocuSign



Construction Pay Estimate Report

12/3/2020 5:39 PM

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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
10/31/2020	2	Carly A Taylor	SEMI-MONTHLY	No		10/5/2020
Prime Contractor Major Cement Co.				Managing Office WSP, 500 Griswold St, Suite 2600, Detroit, MI		
Comments This estimate is withholding 10% retainage from an estimate amount of \$19,873.03.						

Item Usage Summary

Item Description	Item Code	Prop. Line	Project	Category	Project Line No.	Item Type	Mod. No.	Quantity	Dollar Amount
_ Conduit, DB, 1, 3 inch	8197001	0495	PW-7017	0001	0495	00	000	353.000	\$12,475.02
_ In-Ground Electric Power Box	8197051	0530	PW-7017	0001	0530	00	000	1.000	\$3,637.39
_ Wood Pole, Fit Up, Metered Sec Elec Serv	8197050	0520	PW-7017	0001	0520	00	000	1.000	\$2,949.23
_ Wood Pole, Fit Up, Sec Cable Pole	8197050	0525	PW-7017	0001	0525	00	000	1.000	\$811.39

Total Estimated Item Payment: \$19,873.03

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	0002	\$19,873.03	\$0.00	\$19,873.03
Voucher Total:				\$19,873.03

Summary

Current Voucher Total:	\$19,873.03	Earnings to date:	\$91,058.03
-Current Retainage:	\$1,987.30	- Retainage to date:	\$9,105.80
-Current Liquidated Damages:	\$0.00	- Liquidated Damages to date:	\$0.00
-Current Adjustments:	\$0.00	- Adjustments to date:	\$0.00
Total Estimated Payment:	\$17,885.73	Net Earnings to date:	\$81,952.23
		- Payments to date:	\$64,066.50
		Net Earnings this period:	\$17,885.73



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12/3/2020 5:39 PM

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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
Resident Engineer

Dec 4 2020 9:59 AM

Jim Petronski / Ian Duncan (Project Engineer)

(Date)

Alan C. Ko

Alan C. Ko
Dec 11 2020 2:18 PM

Alan Ko (Construction Engineer)

(Date)

Steven R. Bannasch

Steven R. Bannasch
Dec 11 2020 3:22 PM

Steve Bannasch (Engineering Service Coordinator)

(Date)

Richard Doherty
City Engineer
Dec 11 2020 3:48 PM

Richard Doherty (City Engineer)

(Date)



Construction Pay Estimate Amount Balance Report

Estimate: 2

12/3/2020 5:39 PM

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	
_ Aggregate Base, Drainage Course	3027021	0060	PW-7017	0001	100.000		0.000			100.00000	
_ Allium 'Millennium', #2 cont	8157050	0335	PW-7017	0001	34.000		0.000			26.00000	
_ Bike Rack	8157050	0340	PW-7017	0001	3.000		0.000			1,200.00000	
_ Bollard, Collapsible	8157050	0345	PW-7017	0001	4.000		0.000			1,800.00000	
_ Bollard, Fixed	8157050	0350	PW-7017	0001	9.000		0.000			1,000.00000	
_ 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		0.000			3.16000	
_ Cable, Sec, 600V, 2, 1/C#6, Cu	8197001	0480	PW-7017	0001	177.000		0.000			6.03000	
_ Cable, Sec, 600V, 3, 1/C#1, Cu	8197001	0485	PW-7017	0001	352.000		0.000			6.73000	
_ Cable, Sec, 600V, 3, 1/C#4, Modified	8197001	0490	PW-7017	0001	250.000		0.000			7.25000	
_ Calamagrostis x acutiflora 'Karl Foerster', #2 cont	8157050	0355	PW-7017	0001	31.000		0.000			26.00000	
_ Chasmanthium latifolium, #2 cont	8157050	0360	PW-7017	0001	39.000		0.000			26.00000	
_ Cold Milling HMA Surface, Modified	5017011	0105	PW-7017	0001	366.000		0.000			31.00000	
_ Concrete Curb, Detail CD	8027001	0125	PW-7017	0001	216.000		0.000			46.00000	
_ 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	353.000	100%	35.34000	\$12,475.02
_ Curb and Gutter, Conc, DET C1, Modified	8027001	0130	PW-7017	0001	86.000		0.000			46.00000	

Contract: .PW-7017

Estimate: 2

Page 1 of 6



Construction Pay Estimate Amount Balance Report

Estimate: 2

12/3/2020 5:39 PM

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 Wall	8157001	0295	PW-7017	0001	100.000		0.000			56.00000	
_ Detectable Warning Surface, Modified	8037001	0140	PW-7017	0001	6.000		0.000			40.00000	
_ Dr Structure Cleaning, Modified	4037050	0070	PW-7017	0001	4.000		0.000			400.00000	
_ Dr Structure Cover, Adj, Case 1, Modified	4037050	0075	PW-7017	0001	1.000		0.000			1,200.00000	
_ 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		0.000			7,000.00000	
_ Echinacea purpurea 'Magnus', #2 cont	8157050	0370	PW-7017	0001	34.000		0.000			26.00000	
_ Feather Flag Indoor Cross-Base Stand 8ft (Full Kit)	8107050	0200	PW-7017	0001	12.000		0.000			53.00000	
_ Geotextile, Separator	8157010	0310	PW-7017	0001	2,800.000		0.000			0.30000	
_ Geranium 'Rozanne', #2 cont	8157050	0375	PW-7017	0001	37.000		0.000			30.00000	
_ Hemerocallis 'Bela Lugosi', #2 cont	8157050	0380	PW-7017	0001	21.000		0.000			28.00000	
_ Hh, Polymer Conc, Modified	8197050	0500	PW-7017	0001	1.000		0.000			1,290.20000	
_ Hosta 'Guacamole', #2 cont	8157050	0385	PW-7017	0001	35.000		0.000			26.00000	
_ Hosta 'Liberty', #2 cont	8157050	0390	PW-7017	0001	48.000		0.000			26.00000	
_ In-Ground Electric Power Box	8197051	0530	PW-7017	0001	1.000	1.000	1.000	1.000	100%	3,637.39000	\$3,637.39
_ Irrigation	8157051	0465	PW-7017	0001	1.000		0.000			25,600.00000	
_ Light Std Fdn, Modified	8197050	0505	PW-7017	0001	2.000		0.000			1,876.01000	
_ Light Std, Grand River Decorative, Insta II	8197050	0510	PW-7017	0001	2.000		0.000			1,107.97000	
_ Luminaire, 150W, Install	8197050	0515	PW-7017	0001	2.000		0.000			116.00000	
_ Miscanthus sinensis 'Gold Bar', #2 cont	8157050	0395	PW-7017	0001	40.000		0.000			26.00000	



Construction Pay Estimate Amount Balance Report

Estimate: 2

12/3/2020 5:39 PM

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
_ Mulch, Hardwood Bark, 2 inch Depth	8157011	0320	PW-7017	0001	260.000		0.000			3.50000	
_ Nepeta x faassenii 'Walker's Low', #2 container	8157050	0400	PW-7017	0001	18.000		0.000			26.00000	
_ Pachysandra terminalis, flat	8157050	0405	PW-7017	0001	8.000		0.000			64.00000	
_ Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching, White	8117001	0225	PW-7017	0001	400.000		0.000			5.95000	
_ Pavt Mrkg, Modified Urethane, 4 inch, White	8117001	0230	PW-7017	0001	40.000		0.000			5.00000	
_ Perovskia atriplicifolia 'Little Spire', #1 container	8157050	0410	PW-7017	0001	56.000		0.000			18.00000	
_ Planting Mixture, 24 inch Depth	8157011	0325	PW-7017	0001	310.000		0.000			47.98000	
_ Porous Resin Bonded Aggregate	8157011	0330	PW-7017	0001	9.000		0.000			830.00000	
_ Recessing for Pavt Mrkg, 12 inch	8117001	0235	PW-7017	0001	67.000		0.000			5.00000	
_ Recessing for Pavt Mrkg, 18 inch	8117001	0240	PW-7017	0001	38.000		0.000			5.00000	
_ Remove, Salvage, and Install Landscape Rocks	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		0.000			44.00000	
_ Seat Wall	8157001	0300	PW-7017	0001	120.000		0.000			500.00000	
_ Sedum kamtschaticum, #1 container	8157050	0420	PW-7017	0001	51.000		0.000			18.00000	
_ Sedum ternatum, #1 container	8157050	0425	PW-7017	0001	109.000		0.000			18.00000	
_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	0145	PW-7017	0001	73.000		0.000			17.00000	
_ Sidewalk, Conc, 6 inch, Special Finish, Modified	8037010	0150	PW-7017	0001	5,055.000		0.000			36.00000	
_ Sidewalk, Conc, 8 inch, Modified	8037010	0155	PW-7017	0001	48.000		0.000			12.00000	
_ Sign, 2-Fdn, wood supports, remove and install, Minock Park	2047050	0030	PW-7017	0001	1.000		0.000			1,600.00000	
_ Sign, Grand Parklet	8157050	0430	PW-7017	0001	1.000		0.000			8,000.00000	



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12/3/2020 5:39 PM

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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
_ Spriaea japonica 'Little Princess', #3 c ont	8157050	0435	PW-7017	0001	36.000		0.000			40.00000	
_ Stabilized Lawn or Artificial Turf	8157010	0315	PW-7017	0001	1,100.000		0.000			2.83000	
_ Streetscape Grading	2057021	0040	PW-7017	0001	206.000		0.000			42.00000	
_ Transition Wall	8157001	0305	PW-7017	0001	220.000		0.000			500.00000	
_ Trash Receptacle	8157050	0440	PW-7017	0001	2.000		0.000			3,100.00000	
_ Tree Grate, 7 ft Dia.	8157050	0445	PW-7017	0001	3.000		0.000			8,000.00000	
_ Tree Pit Area (For Tree Grates)	8157050	0450	PW-7017	0001	3.000		0.000			600.00000	
_ Ulmus 'Patriot', 4 inch, B&B	8157050	0455	PW-7017	0001	9.000		0.000			715.00000	
_ 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		0.000			300.00000	
_ Watering and Cultivating, ____ Season, M in. ____, Modified	8157051	0470	PW-7017	0001	1.000		0.000			6,725.00000	
_ Weathered Steel Screen Wall	8157050	0460	PW-7017	0001	1.000		0.000			60,000.00000	
_ Wood Pole, Fit Up, Metered Sec Elec Serv	8197050	0520	PW-7017	0001	1.000	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	1.000	100%	811.39000	\$811.39
Aggregate Base, 6 inch	3020016	0055	PW-7017	0001	808.000		0.000			14.00000	
Barr,TypeIII,HighInten,DBISided,Ltd,I	8120012	0245	PW-7017	0001	10.000		0.000			95.00000	
Barr,TypeIII,HighInten,DBISided,Ltd,I	8120013	0250	PW-7017	0001	10.000		0.000			0.01000	
Channelizing Device, 42 inch, Furn	8120030	0260	PW-7017	0001	30.000		0.000			19.00000	
Channelizing Device, 42 inch, Oper	8120031	0265	PW-7017	0001	30.000		0.000			0.01000	
Conc Base Cse, Nonreinf, 9 inch	6020021	0115	PW-7017	0001	135.000		0.000			100.00000	
Curb Ramp Opening, Conc	8030030	0135	PW-7017	0001	18.000		0.000			52.00000	
Driveway, Nonreinf Conc, 8 inch	8010007	0120	PW-7017	0001	58.000		0.000			84.00000	



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Estimate: 2

12/3/2020 5:39 PM

City of Detroit

FieldManager 5.3c

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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		0.000			600.00000	
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		0.000			260.00000	
HMA, 5E3	5010057	0100	PW-7017	0001	42.000		0.000			300.00000	
Minor Traf Devices	8120170	0270	PW-7017	0001	1.000		0.150	0.150	15%	30,000.00000	\$4,500.00
Mobilization, Max	1500001	0005	PW-7017	0001	1.000		0.500	0.500	50%	78,000.00000	\$39,000.00
Pavt Mrkg, Ovly Cold Plastic, 12in,X-Walk	8110041	0205	PW-7017	0001	67.000		0.000			10.00000	
Pavt Mrkg, Spray Thermopl, 4 inch, White	8110153	0220	PW-7017	0001	142.000		0.000			7.00000	
Pavt Mrkg,Ovly Cold Plastic,Thru Ar Sym	8110078	0215	PW-7017	0001	1.000		0.000			180.00000	
Pavt Mrkg,Ovly ColdPlastic,18in,Stop Bar	8110044	0210	PW-7017	0001	38.000		0.000			15.00000	
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		0.000			150.00000	
Post, Steel, 3 lb	8100371	0160	PW-7017	0001	112.000		0.000			8.00000	
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		0.000			6.00000	
Sign, Type B, Temp, Prismatic, Oper	8120351	0280	PW-7017	0001	344.000		0.000			0.01000	
Sign, Type B,Temp,Prismatic,Spec, Furn	8120352	0285	PW-7017	0001	88.000		0.000			12.00000	



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Estimate: 2

12/3/2020 5:39 PM

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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
Sign, Type B,Temp,Prismatic,Spec, Oper	8120353	0290	PW-7017	0001	88.000		0.000			0.01000	
Sign, Type III, Erect, Salv	8100402	0165	PW-7017	0001	2.000		0.000			100.00000	
Sign, Type III, Rem	8100403	0170	PW-7017	0001	9.000		0.000			10.00000	
Sign, Type IIIA	8100404	0175	PW-7017	0001	23.000		0.000			19.50000	
Sign, Type IIIB	8100405	0180	PW-7017	0001	20.000		0.000			19.50000	
Percentage of Contract Completed(curr): 10%							Total Amount Paid This Estimate:		\$19,873.03		
(total paid to date / total of all authorized work)							Total Amount Paid To Date:		\$91,058.03		