

DATE February 19, 2018

ORDERING CONSTRUCTION OF
2018 BRICK SIDEWALK REPAIR AND IMPROVEMENTS
AND FIXING A DATE FOR RECEIVING OF BIDS ON MARCH 6, 2018
AND PUBLIC HEARING ON MARCH 19, 2018
ENGINEER'S ESTIMATE IS \$400,665.00

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

2018 Brick Sidewalk Repair and Improvements, 09-2018-004

The improvement includes removal and installation of brick, Portland Cement Concrete (PCC) brick subbase, subgrade preparation, modified subbase, PCC sidewalk, trees, shrubs, ornamental grass and plants, landscape up-lighting, electrical conduit and wiring, including other incidental items as outlined by the project drawings; all in accordance with the contract documents, including Plan File Nos. 591-050/064, at S.W. 16th and M.L.K. Jr. Parkway, S.W. 9th Street and Bell Avenue, and at various brick sidewalk locations as specified in the contract documents, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$400,665.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, Municipal Service Center, 1551 E. Martin Luther King Jr. Parkway, Des Moines, Iowa, at 5:00 p.m. on March 19, 2018, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on March 6, 2018, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Engineer in the City Offices, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on March 6, 2018, after which the bids together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.

★ **Roll Call Number**

Agenda Item Number

5C

DATE February 19, 2018

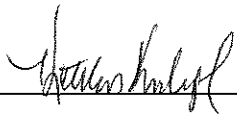
BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(City Council Communication Number 18-075 attached.)

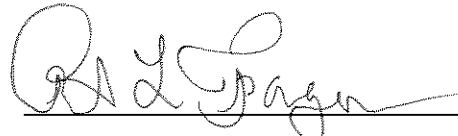
Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE



 Kathleen Vanderpool
 Deputy City Attorney



 Robert L. Fagen
 Des Moines Finance Director

AC Funding Source: 2017-2018 CIP, Page Street – 32, Sidewalk Replacement, SW084, Being: \$235,250 in G.O. Bonds; and the remaining \$165,415.00 in G.O. Bonds transferred from ST265, Corridor Improvements

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
COLEMAN				
GATTO				
GRAY				
MANDELBAUM				
WESTERGAARD				
TOTAL				

MOTION CARRIED

APPROVED

 Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

 City Clerk

5C

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 09-2018-004
IDOT PROJECT NO. N/A
DATE: 1/31/18

PROJECT: 2018 Brick Sidewalk Repair and Improvements

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0001 *	11020	MOBILIZATION	LS	1	5000	\$5,000.00
0002 *	11050	CONCRETE WASHOUT	LS	1	1000	\$1,000.00
0003 *	2010	CLEARING AND GRUBBING	UNITS	13.4	75	\$1,005.00
0004	2010	SUBBASE, SPECIAL BACKFILL	TON	20	30	\$600.00
0005	7010	PAVEMENT, PCC, 8"	SY	45	75	\$3,375.00
0006	7030	SHARED USE PATH, PCC, 6"	SY	11	75	\$825.00
0007	7030	DETECTABLE WARNING, CAST IRON	SF	75	75	\$5,625.00
0008	7040	PARTIAL DEPTH PATCH, PCC	SF	630	75	\$47,250.00
0009 *	7040	PAVEMENT REMOVAL	SY	130	30	\$3,900.00
0010	7080	PCC EDGE RESTRAINT, PAVER BAND, 28" (WIDTH), 8" (DEPTH)	LF	120	30	\$3,600.00
0011	8020	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	10.1	100	\$1,010.00
0012 *	8020	PAVEMENT MARKINGS REMOVED	STA	2	100	\$200.00
0013 *	8030	TEMPORARY TRAFFIC CONTROL	LS	1	5500	\$5,500.00
0014 *	9020	SOD	SQ	65	75	\$4,875.00
0015	9060	REMOVAL AND REINSTALLATION OF EXISTING FENCE, BLACK WELDED WIRE FENCE, 8' TALL	LF	43	120	\$5,160.00
0016	TECHNICAL SPECIFICATIONS	BRICK SIDEWALK WITH REPLACED PAVERS, CONCRETE BASE	SY	10	150	\$1,500.00
0017 *	SUPPLEMENTAL SPECIFICATIONS	TREE PROTECTION FENCE	LF	150	5	\$750.00
0018	TECHNICAL SPECIFICATIONS	BRICK SIDEWALK WITH SALVAGED PAVERS, SAND BASE	SY	390	225	\$87,750.00
0019	EST. REF. NOTES	BRICK SIDEWALK WITH SALVAGED PAVERS, CONCRETE BASE	SY	70	330	\$23,100.00
0020	TECHNICAL SPECIFICATIONS	SIDEWALK, 4" PCC CLASS 'B', REMOVE AND REPLACE	SY	25	90	\$2,250.00
0021	TECHNICAL SPECIFICATIONS	SIDEWALK, THROUGH ALLEY, 7" PCC, REMOVE AND REPLACE	SY	20	105	\$2,100.00
0022	TECHNICAL SPECIFICATIONS	SIDEWALK, THROUGH DRIVEWAY, 6" PCC, REMOVE AND REPLACE	SY	20	100	\$2,000.00
0023	TECHNICAL SPECIFICATIONS	DRIVEWAY, 6" PCC, REMOVE AND REPLACE	SY	25	100	\$2,500.00
0024	TECHNICAL SPECIFICATIONS	ALLEY, 7" PCC, REMOVE AND REPLACE	SY	25	105	\$2,625.00
0025 *	TECHNICAL SPECIFICATIONS	TREE ROOT GRINDING	EA	20	75	\$1,500.00
0026 *	TECHNICAL SPECIFICATIONS	HYDRAULIC SEEDING	SQ	50	45	\$2,250.00
0027	TECHNICAL SPECIFICATIONS	MODULAR WALL	SF	200	35	\$7,000.00
0028	TECHNICAL SPECIFICATIONS	NEW STOP BOX HOUSING	EA	2	250	\$500.00
0029	TECHNICAL SPECIFICATIONS	NEW STOP BOX ROD	EA	2	250	\$500.00
0030	TECHNICAL SPECIFICATIONS	MAJOR HANDHOLE ADJUSTMENT, TYPE I PRECAST CONCRETE HANDHOLE	EA	2	1100	\$2,200.00
0031	TECHNICAL SPECIFICATIONS	MAJOR HANDHOLE ADJUSTMENT, TYPE II, III, OR IV POLYMER CONCRETE HANDHOLE	EA	2	1400	\$2,800.00
0032	TECHNICAL SPECIFICATIONS	LOOP DETECTOR, REPLACEMENT 6'X8'	EA	2	1000	\$2,000.00
0033	TECHNICAL SPECIFICATIONS	LOOP DETECTOR, REPLACEMENT 6'X20'	EA	2	1500	\$3,000.00
0034 *	2533-4980005	Mobilization	1	1	25000	\$25,000.00
0035 *	2602-0000020	Silt Fence	LF	400	3	\$1,200.00
0036 *	2511-6745900	Removal of Concrete Walks	SF	1000	3.5	\$3,500.00
0037 *	2101-0850002	Removal of Concrete segmented wall	LF	50	10	\$500.00
0038 *	2101-0850002	Removal of Existing Shrubs	LS	1	500	\$500.00
0039 *	2101-0850002	Earthwork, Site Preparation and Grading (includes sod removal)	LS	1	10000	\$10,000.00

NO.	ITEM CODE	DESCRIPTION	ESTIMATED UNITS			AMOUNT
			UNIT	TOTAL	UNIT PRICE	TOTAL
0040 *	2526-8285000	Construction Survey	LS	1	4000	\$4,000.00
0041	2599-9999014	Type 1 Paver: Permeable Paver / Charcoal, and subbase	SF	440	38	\$16,720.00
0042	2599-9999014	Type 2 paver: Concrete Unit Paver / Red and subbase	SF	400	32	\$12,800.00
0043	2599-9999014	Paver Edge, per specs	LF	160	10	\$1,600.00
0044	2511-7526005	5" PCC Walk	SF	1400	8	\$11,200.00
0045	2511-7528101	Curb Ramp and Detectable Warning	EA	1	1750	\$1,750.00
0046	2599-9999014	Limestone Block (36" x 18" x 72") and Concrete Footing	EA	1	8500	\$8,500.00
0047	2599-9990005	Wood Benches (18" x 18" x 96" Solid Oak)	EA	5	1800	\$9,000.00
0048	2511-7526005	Bench Concrete Base	EA	5	500	\$2,500.00
0049	2599-9990005	Engraved Wood Panel (8" x 18" x 96") w / LINCOLN engraved	EA	1	1250	\$1,250.00
0050	2599-9990005	Bike Racks, Landscape Forms Emerson Bike Rack	EA	3	800	\$2,400.00
0051 *	2611-0000200	Overstory Tree - Boulevard Linden, 2" Cal (w/ warranty)	EA	4	450	\$1,800.00
0052 *	2611-0000200	Overstory Tree - Catalpa, 2" Cal (w/ warranty)	EA	1	450	\$450.00
0053 *	2611-0000200	Overstory Tree - White Oak, 2.5" Cal, (w/ warranty)	EA	1	550	\$550.00
0054 *	2611-0000200	Understory Tree - Serviceberry, Multistem, 8-10' Ht., (w/ warranty)	EA	5	450	\$2,250.00
0055 *	2611-0000100	Ornamental Grass - Carousel Little Bluestem, #1 Cont, (w/ warranty)	EA	204	30	\$6,120.00
0056 *	2611-0000100	Evergreen Shrub - Celtic Pride Cypress, #5 Cont, (w/ warranty)	EA	88	65	\$5,720.00
0057 *	2611-0000100	Deciduous Shrub - Dwarf Garland Spirea, 18" HT, (w/ warranty)	EA	45	85	\$3,825.00
0058 *	2611-0000100	Bulb - Purple Sensation Allium, (w/ warranty)	EA	40	10	\$400.00
0059 *	2599-9990003	Planting Soil	CY	46	85	\$3,910.00
0060 *	2610-0000400	Plant Watering	LS	1	3000	\$3,000.00
0061 *	2601-2639010	Sod	SQ	51	40	\$2,040.00
0062 *	2610-0000200	Mulch	CY	18	65	\$1,170.00
0063	2599-9999014	Steel Edging	LF	120	10	\$1,200.00
0064	2502-8212204	4" Perforated drain tile and Pop up Emitter	LF	70	15	\$1,050.00
0065	2599-9999005	Weatherproof Enclosure, meter, control panel, photocell	LS	1	12500	\$12,500.00
0066	2599-9999009	1.5" PVC Sch 40 Electrical Conduit	LF	300	3	\$900.00
0067	2599-9999009	3" PVC Sch 40 Electrical Conduit - Sleeve	LF	22	5	\$110.00
0068	2599-9999005	Landscape Uplights (includes driver)	EA	10	600	\$6,000.00

Prepared by: Chris Kuhl

Prepared by: Matt Fenstermann

Prepared By: Chris Cahalan, PLA, ASLA

Checked & Compiled by: E. Hovda

TOTAL CONSTRUCTION COST \$400,665.00

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$101,915.00