CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

6(e)

DATE: March 4, 2019

ITEM:

Public Hearing (5:35 p.m.)
EP True Parkway Widening – Jordan Creek Parkway to 81st Street

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $1,725,425.50 for EP True Parkway Widening – Jordan Creek Parkway to 81st Street. There were four (4) bids submitted with the low bid of $1,382,919.90 being submitted by Concrete Technologies, Inc. of Grimes, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from Jordan Creek Urban Renewal Area TIF.

BACKGROUND:

This project consists of widening EP True Parkway from a two-lane urban roadway to a four-lane urban roadway from Jordan Creek Parkway to 81st Street. A portion of this roadway on the south side nearest Jordan Creek Parkway was widened a couple of years ago as part of a development project. The project is anticipated to be completed by September 15, 2019 with a majority of the work directly adjacent to the Brookview Elementary School happening when school is out of session and opening to traffic by August 2, 2019.

The project will also include the installation of a pedestrian hybrid beacon, also known as a High-intensity Activated crossWalK ("HAWK") beacon, at the 78th Place & EP True Parkway intersection. A HAWK beacon is a type of traffic control that provides pedestrians with a protected "walk" phase at a crosswalk. Overhead beacons stay dark until a pedestrian pushbutton is actuated. The beacons then stop traffic and give a "walk" indication to the pedestrian, before returning to dark phase. There are two (2) HAWK beacons currently in use in West Des Moines at 65th Street & Ashworth Road and South 50th Street & Wistful Vista Drive. This particular HAWK beacon is intended to primarily serve pedestrians with their destination being either the Brookview Elementary School or the City's Brookview Park adjacent to the school. The Waukee School District executed an Agreement with the City of West Des Moines on February 11, 2019 for reimbursement of 50% of the costs to install the HAWK beacon up, not to exceed $50,000. The City Council of West Des Moines approved this same Agreement on February 19, 2019.

OUTSTANDING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for EP True Parkway Widening – Jordan Creek Parkway to 81st Street;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Concrete Technologies, Inc.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	February 22, 2019

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	February 25, 2019		
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on February 4, 2019, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

EP True Parkway Widening – Jordan Creek Parkway to 81st Street
Project No. 0510-075-2017

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law;

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **4th** day of **March, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

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Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

EP True Parkway Widening – Jordan Creek Parkway to 81st Street
Project No. 0510-075-2017

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and,

WHEREAS, the bid of Concrete Technologies, Inc. in the amount of $1,382,919.90 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the EP True Parkway Widening – Jordan Creek Parkway to 81st Street is hereby awarded to Concrete Technologies, Inc. in the amount of $1,382,919.90 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **4th** day of **March, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

TABULATION OF BIDS

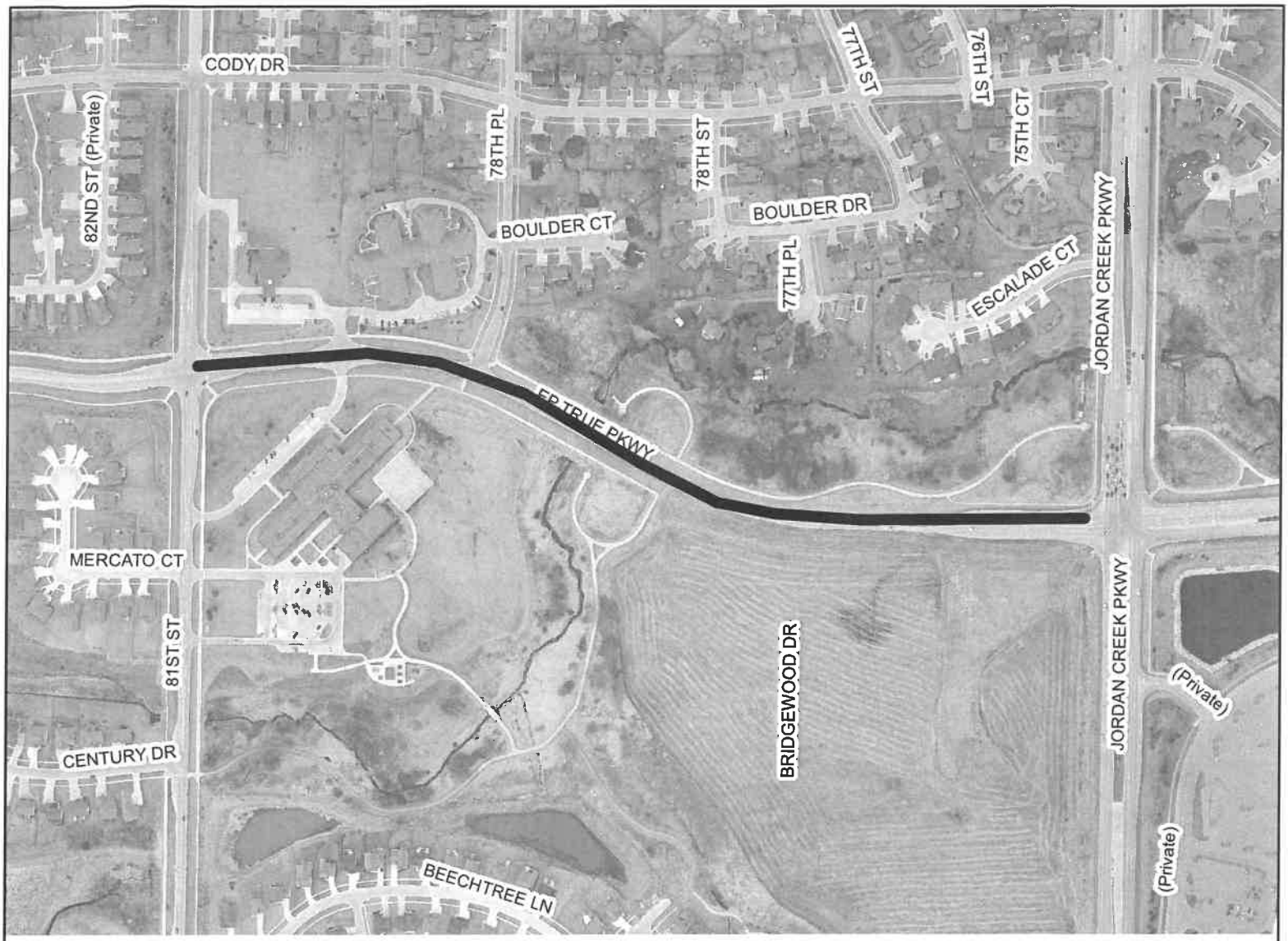
EP True Parkway Widening - 81st Street to Jordan Creek Parkway
West Des Moines, Iowa
Project No. 0510-075-2017

Bid Date: 2:00 p.m., Wednesday, February 27, 2019

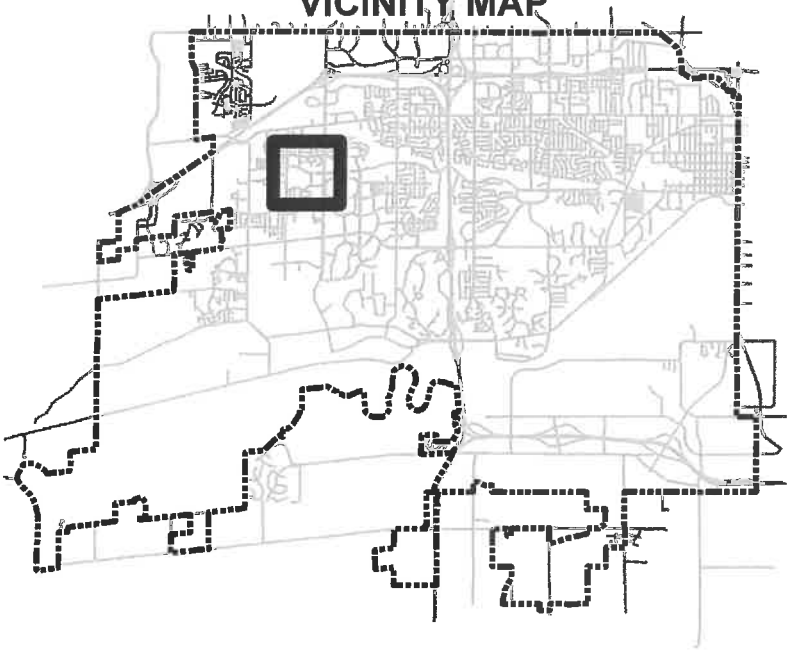
Item No.	Item	Unit	Est. Quantity	Engineer's Estimate Unit Price	Engineer's Estimate Total Price	Concrete Technologie, Inc. 1001 SE 37th St. Grimes, Iowa 50111 Unit Price	Total Price	Alliance Construction Group, LLC 3000 SE Grimes Blvd., Ste 800 Grimes, Iowa 50111 Unit Price	Total Price	Absolute Concrete 1000 West 6th Ave. Slater, Iowa 50244 Unit Price	Total Price	Iowa Civil Contracting, Inc 1106 3rd St. Victor, Iowa 52347 Unit Price	Total Price
1.1	Traffic Control	LS	1	$50,000.00	$50,000.00	$19,750.00	$19,750.00	$60,000.00	$60,000.00	$25,000.00	$25,000.00	$28,000.00	$28,000.00
1.2	Safety Fence, Orange	LF	450	10.00	$4,500.00	5.25	$2,362.50	5.25	$2,362.50	5.00	$2,250.00	$4.50	$2,025.00
1.3	Changeable Message Sign (CMS)	DAY	20	200.00	$4,000.00	105.00	$2,100.00	105.00	$2,100.00	100.00	$2,000.00	$165.00	$3,300.00
1.4	Flaggers	EA	2	3,000.00	$6,000.00	1,625.00	$3,250.00	900.00	$1,800.00	480.00	$960.00	$1,000.00	$2,000.00
2.1	Topsoil, Off-Site, Furnish and Place	CY	1743	30.00	$52,290.00	42.00	$73,206.00	30.00	$52,290.00	40.00	$69,720.00	$35.95	$62,660.85
2.2	Excavation, Class 10, Roadway and Borrow	CY	6782	12.00	$81,384.00	11.00	$74,602.00	10.50	$71,211.00	10.50	$71,211.00	$19.30	$130,892.60
2.3	Below Grade Excavation (Core Out)	CY	650	15.00	$9,750.00	3.15	$2,047.50	3.00	$1,950.00	3.00	$1,950.00	$32.70	$21,255.00
2.4	Subgrade Preparation, 12"	SY	10293	3.50	$36,025.50	3.15	$32,422.95	3.00	$30,879.00	3.00	$30,879.00	$4.00	$41,172.00
2.5	Subbase, Granular, 4"	SY	10293	10.00	$102,930.00	9.50	$97,783.50	9.50	$97,783.50	9.00	$92,637.00	$10.15	$104,473.95
3.1	Replacement of Unsuitable Backfill Material	CY	200	40.00	$8,000.00	43.50	$8,700.00	41.50	$8,300.00	21.25	$4,250.00	$12.75	$2,550.00
4.1	Storm Sewer, Trenched, RCP, 15", Class III	LF	120	135.00	$16,200.00	217.00	$26,040.00	215.00	$25,800.00	128.00	$15,360.00	$192.50	$23,100.00
4.2	Removal of Storm Sewer, RCP, Less Than or Equal to 36 IN. Diameter	LF	80	40.00	$3,200.00	84.00	$6,720.00	85.00	$6,800.00	36.00	$2,880.00	$88.00	$7,040.00
4.3	Subdrain, Type 1 (Longitudinal Subdrain), PVC, 6"	LF	3789	18.00	$68,202.00	12.60	$47,741.40	23.00	$87,147.00	15.00	$56,835.00	$12.00	$45,468.00
4.4	Subdrain Cleanout, Type A-1, PVC, 6"	EA	7	750.00	$5,250.00	420.00	$2,940.00	725.00	$5,075.00	640.00	$4,480.00	$440.00	$3,080.00
4.5	Subdrain Outlets and Connections, PVC, 6"	EA	25	500.00	$12,500.00	315.00	$7,875.00	750.00	$18,750.00	390.00	$9,750.00	$330.00	$8,250.00
4.6	Adjustment of Fixtures	EA	6	175.00	$1,050.00	1,000.00	$6,000.00	1,000.00	$6,000.00	975.00	$5,850.00	$825.00	$4,950.00
6.1	Storm Sewer Intake, SW-501	EA	3	3,500.00	$10,500.00	4,725.00	$14,175.00	4,700.00	$14,100.00	4,685.00	$14,055.00	$4,950.00	$14,850.00
6.2	Intake Adjustment, Minor	EA	4	1,800.00	$7,200.00	945.00	$3,780.00	925.00	$3,700.00	1,525.00	$6,100.00	$1,100.00	$4,400.00
6.3	Intake Adjustment, Major	EA	7	2,500.00	$17,500.00	3,835.00	$26,845.00	3,800.00	$26,600.00	4,960.00	$34,720.00	$4,235.00	$29,645.00
6.4	Connections to Existing Intake	EA	7	2,000.00	$14,000.00	2,050.00	$14,350.00	2,000.00	$14,000.00	2,815.00	$19,705.00	$2,200.00	$15,400.00
6.5	Remove Intake	EA	10	1,500.00	$15,000.00	895.00	$8,950.00	900.00	$9,000.00	1,235.00	$12,350.00	$770.00	$7,700.00
7.1	Pavement, PCC, 7" C. Sud, Class 3., Reinforced	SY	668	75.00	$50,100.00	82.00	$54,776.00	60.00	$40,080.00	70.00	$46,760.00	$78.06	$52,144.08
7.2	Pavement, PCC, 9", C. Sud, Class 3, Reinforced	SY	8907	80.00	$712,560.00	65.25	$581,181.75	67.75	$603,449.25	75.00	$668,025.00	$73.19	$651,903.33
7.3	Removal of Sidewalk and Shared Use Path	SY	377	20.00	$7,540.00	12.60	$4,750.20	12.50	$4,712.50	12.00	$4,524.00	$9.10	$3,430.70
7.4	Shared Use Path, PCC, 6", Reinforced	SY	328	55.00	$18,040.00	59.85	$19,630.80	58.00	$19,024.00	80.00	$26,240.00	$60.50	$19,844.00
7.5	Sidewalk, PCC, 4"	SY	49	45.00	$2,205.00	100.00	$4,900.00	52.00	$2,548.00	80.00	$3,920.00	$55.00	$2,695.00
7.6	Sidewalk, PCC, 6"	SY	6	60.00	$360.00	200.00	$1,200.00	52.00	$312.00	125.00	$750.00	$55.00	$330.00
7.7	Detectable Warning	SF	144	50.00	$7,200.00	28.00	$4,032.00	50.00	$7,200.00	55.00	$7,920.00	$49.50	$7,128.00
7.8	Full Depth Patches, 10" Reinforced	SY	20	250.00	$5,000.00	118.50	$2,370.00	200.00	$4,000.00	250.00	$5,000.00	$214.25	$4,285.00
7.9	PCC Patches, 9", Reinforced, 5 HR Mix	SY	60	200.00	$12,000.00	111.00	$6,660.00	200.00	$12,000.00	250.00	$15,000.00	$200.00	$12,000.00
7.1	Pavement Removal	SY	6448	18.00	$116,064.00	12.10	$78,020.80	12.00	$77,376.00	12.00	$77,376.00	$8.75	$56,420.00
8.1	Traffic Signal	LS	1	150,000.00	$150,000.00	54,645.00	$54,645.00	55,000.00	$55,000.00	55,000.00	$55,000.00	$57,300.00	$57,300.00
8.2	Painted Pavement Markings, Durable	STA	106	175.00	$18,550.00	89.25	$9,460.50	105.00	$11,130.00	85.00	$9,010.00	$137.50	$14,575.00
8.3	Painted Symbols and Legend, Durable	EA	17	200.00	$3,400.00	147.00	$2,499.00	150.00	$2,550.00	140.00	$2,380.00	$220.00	$3,740.00
8.4	Pavement Markings Removed, Waterblasted	STA	44	100.00	$4,400.00	59.85	$2,633.40	60.00	$2,640.00	57.00	$2,508.00	$82.50	$3,630.00
8.5	Symbols and Legends Removed, Waterblasted	EA	3	175.00	$525.00	105.00	$315.00	105.00	$315.00	100.00	$300.00	$165.00	$495.00
8.6	Relocate School Speed Zone Flasher	LS	1	5,000.00	$5,000.00	3,150.00	$3,150.00	3,200.00	$3,200.00	3,000.00	$3,000.00	$3,300.00	$3,300.00
9.1	Hydraulic Seeding, Seeding, Fertilizing and Mulching	AC	1.6	5,000.00	$8,000.00	2,940.00	$4,704.00	3,000.00	$4,800.00	2,000.00	$3,200.00	$3,100.00	$4,960.00
9.2	Stabilizing Crop, Seeding and Fertilizing	AC	0.8	2,500.00	$2,000.00	892.00	$713.60	900.00	$720.00	1,500.00	$1,200.00	$935.00	$748.00
9.3	Mulching, Wood Cellulose Fiber	AC	2.4	2,000.00	$4,800.00	1,735.00	$4,164.00	1,800.00	$4,320.00	2,250.00	$5,400.00	$1,815.00	$4,356.00
9.4	Sod	SQ	40	75.00	$3,000.00	73.50	$2,940.00	75.00	$3,000.00	100.00	$4,000.00	$77.00	$3,080.00
9.5	SWPPP Preparation	LS	1	5,000.00	$5,000.00	2,100.00	$2,100.00	2,100.00	$2,100.00	1,000.00	$1,000.00	$2,200.00	$2,200.00
9.6	SWPPP Management	LS	1	2,000.00	$2,000.00	3,675.00	$3,675.00	3,700.00	$3,700.00	3,500.00	$3,500.00	$3,850.00	$3,850.00
9.7	Filter Sock, 8"	LF	3200	3.00	$9,600.00	2.10	$6,720.00	2.25	$7,200.00	2.75	$8,800.00	$2.20	$7,040.00
9.8	Filter Sock Removal	LF	3200	2.00	$6,400.00	0.10	$320.00	0.25	$800.00	0.10	$320.00	$0.15	$480.00
9.9	Stabilizing Construction Entrance	SY	75	40.00	$3,000.00	21.00	$1,575.00	25.00	$1,875.00	20.00	$1,500.00	$31.00	$2,325.00
9.1	Inlet Protection Device, Drop-in Intake Protection	EA	16	150.00	$2,400.00	52.50	$840.00	55.00	$880.00	110.00	$1,760.00	$55.00	$880.00
9.11	Inlet Protection Device, Maintenance	EA	16	50.00	$800.00	10.50	$168.00	10.50	$168.00	25.00	$400.00	$11.00	$176.00
11.1	Construction Survey	LS	1	30,000.00	$30,000.00	39,275.00	$39,275.00	11,500.00	$11,500.00	10,000.00	$10,000.00	$9,130.00	$9,130.00
11.2	Concrete Washout	LS	1	10,000.00	$10,000.00	3,860.00	$3,860.00	4,500.00	$4,500.00	8,000.00	$8,000.00	$4,600.00	$4,600.00
TOTAL BID PRICE					$1,725,425.50		$1,382,919.90		$1,436,747.75		$1,459,735.00		$1,499,257.51

I hereby certify that this is a true and correct tabulation of bids received February 27, 2019 on EP True Parkway Widening Project - 81st Street to Jordan Creek Parkway Project No. 0510-075-2017.

Michael E. Lyons License No. 17691 Date: 2/27/2019



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES	PROJECT: **EP True Widening**		
	LOCATION: **Jordan Creek Parkway to 81st St**		
DRAWN BY: JDR	DATE: 07/21/2017	PROJECT NUMBER : 0510-075-2017 SUBDIVISION NAME:	SHT. 1 of 1