

DATE November 7, 2016

# ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR BEAVER AVENUE STREETSCAPE - BEAVER CREST DRIVE TO FAGEN DRIVE, CONCRETE TECHNOLOGIES, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the Beaver Avenue Streetscape - Beaver Crest Drive to Fagen Drive, 04-2012-005, in accordance with the contract approved between Concrete Technologies, Inc., Brad Baumler, President, 1001 SE 37th Street, Grimes, IA 50111, under Roll Call No. 14-0570, of April 7, 2014, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$1,939,914.69 is the total cost, of which \$1,909,914.69 has been paid the Contractor, and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the Des Moines Finance Director be and is hereby authorized to release said retainage if suit is not filed as above provided.

Moved by to adopt.	
FORM APPROVED:	FUNDS AVAILABLE
Kathleen Vanderpool Deputy City Attorney	Daniel E. Ritter Des Moines Finance Director

Funding Source: 2016-2017 CIP, Page Street - 5, Beaver Avenue Streetscape, ST245, Being: \$439,000 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs under IDOT Project No STP-E-1945(804)--8V-77; \$350,000 in Storm Water Utility Funds, SM057; \$300,000 from Beaverdale Betterment Coalition; \$37,718.28 from Des Moines Water Works for water main construction; and the remaining \$813,196.4814 in G.O. Bonds, ST245.

STP-E-1945(804)--8V-77

4				2
X	Roll	Call	Num	ber

Agenda Item Number

13

DATE November 7, 2016

COUNCIL ACTION	YEAS	NAYS	Pass	
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MOORE				
WESTERGAARD				
TOTAL				
MOTION CARRIED	<del></del>	_ <del></del>		APPROVED

# **CERTIFICATE**

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

C'C CL. I		
City Clerk		

Mayor



# PROJECT SUMMARY

Beaver Avenue Streetscape - Beaver Crest Drive to Fagen Drive

# **Activity ID** 04-2012-005

On April 7, 2014, under Roll Call No. 14-0570, the Council awarded the contract for the above improvements to Concrete Technologies, Inc., in the amount of \$1,738,907.14. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Contractor	8/6/2014 Storm sewer revisions due to utility impacts.	\$24,290.99
2	Contractor	9/3/2014 Relocation of sanitary sewer services north of Urbandale Avenue.	\$23,914.24
3	Contractor	10/22/2014 Relocation of sanitary sewer services for installation of storm sewer pipe.	\$23,260.15
4	Contractor	1/22/2015 Additional street patching of Beaver Avenue due to sanitary sewer service relocations.	\$23,801.40
5	Engineering	4/6/2015 Increase quantity of granular backfill for storm sewer installation and add an additional twenty-one (21) working days to the contract.	\$27,225.00
6	Contractor	5/21/2015 Adjustment to as-built quantites and addition of pedestrian pole and HMA driveway to the contract.	\$24,785.54
7	Engineering	9/15/2015 Addition of storm sewer items and conduit for the Beaverdale neighborhood's future use along Beaver Avenue.	\$24,707.61
8	Contractor	10/29/2015 Adjustment of quantities to as constructed quantities.	\$24,179.96
9	Contractor	2/11/2016 Addition of joint sealant, HMA patching, manhole adjustments, and concrete driveway adjustments to the contract.	\$24,773.00

10	Engineering	3/23/2016 Adjust contract quantities to as-built quantities.	\$(19,930.34)
		Original Contract Amount	\$1,738,907.14
		Total Change Orders	\$201,007.55
		Percent of Change Orders to Original Contract	11.56%
		Total Contract Amount	\$1,939,914.69

13

November 7, 2016



# **CERTIFICATION OF COMPLETION**

## **AGENDA HEADING:**

Accepting completed construction and approving final payment for the Beaver Avenue Streetscape-Beaver Crest Drive to Fagen Drive, Concrete Technologies, Inc..

## **SYNOPSIS:**

Approve the Engineer's Certification of Completion, accept construction of said improvement, and authorize final payment to the contractor.

#### **FISCAL IMPACT:**

Amount: \$1,939,914.69 As-Built Contract Cost

<u>Funding Source</u>: 2016-2017 CIP, Page Street - 5, Beaver Avenue Streetscape, ST245, Being: \$439,000 (maximum) in Federal Surface Transportation Program (STP) funds being 80% eligible construction costs under IDOT Project No STP-E-1945(804)--8V-77; \$350,000 in Storm Water Utility Funds, SM057; \$300,000 from Beaverdale Betterment Coalition; \$37,718.28 from Des Moines Water Works for water main construction; and the remaining \$813,196.4814 in G.O. Bonds, ST245.

#### **CERTIFICATION OF COMPLETION:**

On April 7, 2014, under Roll Call No. 14-0570, the City Council awarded a contract to Concrete Technologies, Inc., Brad Baumler, President, 1001 SE 37th Street, Grimes, IA 50111 for the construction of the following improvement:

Beaver Avenue Streetscape - Beaver Crest Drive to Fagen Drive, 04-2012-005

The improvement includes construction of sidewalks, driveways, site furnishings, plantings, miscellaneous Portland Cement Concrete, and an HMA Pavement Overlay, together with the necessary removals, earthwork, clearing and grubbing, erosion control, subdrains, storm sewers, traffic control, traffic signals, and street lighting; all in accordance with the contract documents, including Plan File Nos. 556-102/211, on Beaver Avenue from Beaver Crest Drive to Fagen Drive, Des Moines, Iowa

I hereby certify that the construction of said Beaver Avenue Streetscape - Beaver Crest Drive to Fagen Drive, Activity ID 04-2012-005, has been completed in substantial compliance with the terms of said contract, and I hereby recommend that the work be accepted. The work commenced on May 16, 2014, and was completed on October 31, 2016.

I further certify that \$1,939,914.69 is the total cost of said improvement, of which \$1,909,914.69 has been paid the Contractor and \$0.00 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.

Pamela S. Cooksey, P.E.

Damela Scooksey Ro

Des Moines City Engineer

REVISED PAY ESTIMATE NO. 21
BEAVER AVENUE STREETSCAPE
IDOT PROJECT NO. STP-E-1945(804)-8V-77
CITY OF DES MOINES ACTIVITY ID 04-2012-005
AECOM PROJECT NO. 60322022
PERIOD ENDING September 9, 2016

					CONTRACT					AUTHORIZED					AMOUNT TO DATE				
ITEM NO.	ITEM CODE	TEM	UNIT	UNIT PRICE	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 2 QUANTITY	CONTRACT	CONTRACT AMOUNT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	AUTHORIZED QUANTITY	AUTHORIZED AMOUNT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	QUANTITY TO DATE	AMOUNT TO DATE
1		Cleaning and Grubbing	UNIT		2			2	\$ 1,580.00	2			2					2 :	\$ 1,580:00
		Excavation, Class 10, Waste	CY		30	Z.1272.034, 13.		30	\$ 1,140.00	30	Zara sana	printer cal	30		730			30	
50 40 50		Topsoil/Furnish and Spread	ČÝ.		50 25	yeliya waxaya ingiy	u + Rijiga vajagoji	50 25	\$ 1,675.00 \$ 1,312.50	50 25		Same at the second	50 25				processor of the state	50 : 25 :	\$ 1,675.00 \$ 1,312.50
5		Modified Sub-base (CO #3) (CO #6) (CO #10)	CY		417		<u> </u>	417	\$ 39,406,50	715.8			715.8					715.8	
5	2214-5145150	Reventent Scarification	SY.	\$ 5.50.	6400	9 p. 60 1 11 - 15 8 6 5	Sealer, to be also	6400	\$ 35,200.00	6400		ATTENDED	8400		6400		ACTOR SOFT	8400	
7	2301-1033060	Standard or Slip Form Portland Cement Concrete Pavement, Class C, Class 3 Durability, 6 In. (CO #10)	SY	\$ 49.50	300			300	\$ 14,650.00	251.1			251.1	\$ 12,429.45	251.1			251.1	
8	2301-1033080	Standard or Stip Form Portland Cement Concrete Pavement, Class C, Class 3 Durability, 8 in. (CO #3) (CO #10)	5Y	\$ 58.50	1700			1700	\$ 99,450.00	1917.7			1917.7	\$ 112,185.45	1917.7			1017.7	\$ 112,185.45
9	2303-0033500	Hot Mix Asphalt Mixture (1,000,000 ESAL), Surface Course, 1/2 in. Mix., No Special Friedlon Requirement (CO #10) [Asphalt Binder: PG-84-22 (CO #10)]	TON	\$ 82.00	824			924	\$ 75,768.00	973.1			973.1		973.1	1		973.1	\$ 79,794.20
11		Hot Mix Asphalt Samples (CO #10)	LS		56	1774.1 30	2002004.2	. 56	\$ 34,440.00 \$ 1,260.00	50.5	1.65, 4,732.4	ns 4.8. 15661	50:5		50.5		62-40-00 S-54-54	50.5	
12		Driveway Surfacing	TONG		25	E-944 - 11-19	gawier (e.g. 1927)	25	S 1,250.00	25	As a grown to	general arrange	25		77.	)   TROUGHT   1 - 2 - 3	070 APK 1 2 M 1 7 7 7 4	25	
13		Omamental Metal Railing	LF		12				\$ 1,560.00	12			12		12			12	
14	2435-0140200	Manhole, Storm Sewar, SW-402 (CO #1) (CO #7)	EA	\$ 3,310.00	The street of the	10			5 33,100.00	THE STATE OF	14(79) 13 (14) 14 (14)		president a sing		7 a. 7 7 . No. 10 - 17	Marine Commission	र्यक्षण मान्य	B 2	\$ 29,790.00
15		Intake, SW-501 (CO #1) (CO #8) (CO #7) Intake, SW-503 (CO #5)	EA	\$ 4,200.00		11		11	\$ 46,200.00		7	1				1 7	1	7	
17		Intake, SW-507 (CO #1) (CO #7)	EA	\$ 6,100.00 \$ 6,725.00	<u> 18,0% e 5.3</u>	3			\$ 12,200.00 \$ 20,175.00			1.00 18 61 7 10 10 19	3.00			EAST SECTION	1 - 40, 34, 24, 24, 24	3	
18		Intake, SW-511 (CD #6) (CO #7)	EA		en egyptere	271777	er er alla jagan era		\$ 20,175.00 \$ 8,400.00	mjala je proces		-ye -ye, i ya ebay	5			GLOSS to the state of	Pro-	5	
19	2435-0600010	Manhole Adjustment, Minor (CO #10)	EA		l	10		10	\$ 5,250.00			1	3		1			3	
20	2502-8213104	Subdrain, PVC, Standard, Non-Perforated, 4 In.	OF LIFE		A the same of the same	30			\$ 750.00	The state of the state of the	30	PHO 61/75 195	30	\$ 750:00	1677 20794	3	10,000,000	30	
21		Subdrain, PVC, Standard, Non-Perforated, 6 in.  Storm Sewer Gravity Main, Tranched, Reinforced Concrete Pipe (RCP),	LF	\$ 28.00		40		40	\$ 1,120,00		40		40	<b>5</b> 1,120:00		40		40	
22	2503-0114215	2000D (Class III), 15 in. (CO #5) (CO #7). Storm Sewer Gravity Mein, Trenched, Reinforced Concrete Pipe (RCP).	ᄩ	\$ 75.00		358		358	\$ 26,850.00		42		425	\$ 31,675.00		42		425	\$ 31,875.00
23	2503-0114218	2000D (Class III), 18 in. (CO #7) Storm Sewer Gravity Main, Tranched, Reinforced Concrete Pipe (RCP),	LF	\$ 80.00	9617 100,000	383		383	\$ 30,540.00	vice in a real	405	2011 1 . J. Marie, \$10	405	BOOK WAS AND THE		408		405	\$ 32,400.00
24	2503-0114221	2000D (Class III), 21 In. (CO #7)  Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP).	LE	\$ 84.00	21,121,131	232	137771	232	\$ 19,488.00		25		258	Section 1 and the section is		250		258	
25 26	2503-0114224 2503-0114230	20000 (Class III), 24 in, (CO #7)  Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RGP),	LF 700-20	\$ 94.50	5 1 1 8 8 1 8 1	118	121 M 1 (2010)	118	\$ 11,151.00	Harris and Artist	130		130		1 year 1 25 27 27 27 28	130	1	130	\$ 12,285.00
27	2503-0114236	2000D (Class III), 30 in. (CO #3) Storm Sewer Gravity Main, Trenched, Reinforced Concrete Pipe (RCP),	LF	\$ 105,00		345		345	\$ 36,225.00	M. AMI	0 1 2 5 c 1 q <b>1</b>	<b>(</b> 509), 730 (5)		<b>3</b>		e e a l'in a great		0	<u> </u>
28	×2503-0200036	2000D (Class III), 36 in. (CO.#1) (CO.#3)  Remove Storm Sewer Pipe Less Than or Equal to 36 in. (CO.#7)	CUEC	\$ 131.00 \$ 5.50	oner mous regus	89 575	recording to the second	89 575	\$ 11,659.00 \$ 3,162.50	eterna injinit	399.	1	399.5			399.	<u> </u>	399.5	
29	2508-4964000	Flowable Mortar (CO #6) (CO #8)	CY			1			5 742.60	30.5			30.5					30.5	
30 31	2510-6745850	Removal of Pavement (CO#3) (CO #10)	SY		3313		dig was a red to	3313	\$ 82,825.00	3462.1	Y 1 1 1 1 2 1 2 3		3462.1			Photo et		3462.1	
32	2510-6730600 2511/A745000	Removal of Intake and Utility Access (CO #7) Removal of Sidewalk (CO #10)	EA			7		7	\$ 2,940.00		<u> </u>		Ê				3	6	
33		Sidewalk, P.C. Concrete, 5 in. (CO #10)	SY			2000	8 1 + 0.026#	2440	\$ 35,380.00 3 148,674.00	2651.7 2798.7			2851.7 2798.7				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2651.7	
34		Sidewalk, P.C. Concrete, 8 in. (CO #10)	SY		145	1 part of 1924	gail sagar Lagar co	145	3 9,932,50	2/98.7		re- ser ever o t	2798.7		2798.1 151.1		e ige in the contract	2798.7	
35		Sidewalk, P.C. Concrete, 7 in.	SY		66		1	85	\$ 5,214.00	68			56					55	
36		Detectable Warnings (CO #10)	T.SF.		223	a marine and a second	Carried at 1 - market dien	223	\$ 8,920.00	228	F - 101   7 5550	THE WESTER	228			18 21 BUS	4 - 27 P. 27 P. 27	228	
37		Curb, Special, as per plan (CO #10)	LF.		1303	L		1303	\$ 29,969.00				553					553	
39	2515-5745600	Drivewey P.C. Concrete. 7 In: (CO #6) (CO #10) Removal of Paved Driveway (CO #6) (CO #10)	SY		599 615		Day of the Press	599 615	\$ 31,447.50 \$ 10,455.00			Programme (F)	741				and the state of	741	
40		Sufety:Closure (CO #2)	CEA*		20	N C 2 (54 (250))	Jan Berry Age		\$ 10,455.00 \$ 3,680.00	696.8		a programme and the	696.8°				La marantara	896.8 22	
41	2524-6765110	Removal of Type A Sign (CO #10)	EA		50		<del>                                     </del>	50	\$ 3,950.00	40			40				1	40	
42		Traffic Signalization	⊈ <b>LS</b> ℃	4 101,000.00	C			67977	\$ 194,830.00	Section - Secure 4	DATE OF THE ST	COLUMN TO		\$ 194,830,00		1 200 1 200 1 100	M 075 (70 COS)	1366 TENSO	\$ 194,830.00
43		Removal of Traffic Signalization	LS		1			1	\$ 3,159.00	1	L		1	\$ 3,159.00		1	J	1	\$ 3,159.00
45		(Construction Survey Painted Pavement Marking, Waterborns or Solvent-Based (CO #10)	ELS:		Character of	20101-0-12		1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 10,398,00	31	244 - 27 369			\$ 10,398.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- 1	\$ 10,388.00
46		Permanent Tape Markings, Preformed Polymer Marking Material (CO #10)	STA		120 81,32	F738175	January was	120 81:32	\$ 4,320.00 \$ 18,053.04	(36.3 94.08		1 general 1 mars	136.3 94.05				100 to 10	136.3	
47		Painted Symbols and Legends, Waterborne or Solvent-Based (CO#10)	EA			1	A	24	\$ 2,640,00	a 54.05		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ 480.00		3	B	94.05	
48	2527-9263154	Pre-Cut Symbols and Legends, Preformed Polymer Marking Material (CO #10				a was ward to be.	the management of	30	5 8,300.00	24	Section of the property of the section of the secti	100 m	24	4 414.11	<u> </u>	der e ded	100	24	
49		Pavement Markings Removed	STA	\$ 34.50	75			75	\$ 2,587.50	75			75	\$ 2,587.50	7:	5	1	75	\$ 2,587.50
50 51		Symbols and Legends Removed (CO #10)	STA			a rijany vy tu je	Marin Services	22	\$ 1,681.00	-2	3.00			\$ 151.00			e de la companya de la companya	9-7-7-7-7-2	
52	2527-9270120	Grooves Cut For Pavement Markings (CD #10) Grooves Cut For Symbols and Legends (CD #10)	STA				<u> </u>	18	\$ 3,366.00			<u> </u>	19.1			1	<del> </del>	19.1	
53	2528-8445110		LS				1 N. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	\$ 220,00 \$ 5,302,00		921 (80) 617	2000,000,000,000	7	\$ 770,00 \$ 6,302,00		/ programmented in the control of th	4-1-3-3-3-3-3	1	
54	12528-8445113	Flaggers (CO #10)	EA:	\$ 335.00	15	9	2 7/17 / 22-1977	15	\$ 5,025.00		paranto regio	Legion de la compansión	175			<b>6</b> Programs 500	1000	17.5	
55	2529-5070110	Patches, Full Depth Finish, By Area (CO #4) (CO #10)	SY	\$ 137.00	500		1	500	\$ 68,500.00	420.5			420.5				1	420.5	
56 57	2529-5070120 2533-4980005	Principes, Full Depth Finish, By Count (CO #4)	EA	\$ 798.00		Na Propinsi S		471.5	\$ 3,192.00	72.775.847	\$840 KIN 1979	i version e		\$ 5,586.00		7	5 F. C. T. S. C. T. S.	7	\$5,586.00
58		Modification     Replacement of Unsukable Backs   Material (CO #7)	LS CY			0.2	1 200 D 10 10 10 10 10 10 10 10 10 10 10 10 10	1 1	\$ 135,000.00	0.8	0,	2		\$ 135,000.00			2	1	
59	2599-9990003		CY			1	2. (2.28) 5 5 5 6	20 117	\$ 4,150,00 \$ 9,243,00			A SHALL SHALL	117	S 9,249.00		0 (C.T. (S.S.)	general and the	147	
80	2599-9990005	1-inch Water Service Line with Stop Box, STA 101+50 (CO 87)	EA			e english allen	1000	g premior de la companya della companya de la companya de la companya della companya della companya de la companya della compa	3 3,046,00		1877 - TECHNOLOG	1		5 9,243.00	3 897 937 937	Francisco (September 17	er er en en sing	117	
61	2599-9990005	6-Inch Water Service Alteration (CO #7)	EA			1	1	11	\$ 4,831,00			1 1		\$ -	1	1	1 2	0	
∴82	2599-9990005	Adjust Metar Pit and Stop Box to Final Grade (CO #6) (CO #7)	EA	\$ 735.00	great the street	9 064/891092	A STATE OF THE PARTY.	ti wasan ing promosi	\$ 735.00	t en la jour alle	1 Sec. 35.7.18	3 1 2 1 1 1 1 1 1 1 1	3	\$ 2,205.00	25 / 100	fire at the second of	s warring	3	

REVISED PAY ESTIMATE NO. 21
BEAVER AVENUE STREETS CAPE
IDOT PROJECT NO. STP-E-1945(804)-8V-77
CITY OF DES MOINES ACTIVITY ID 04-2012-005
AECOM PROJECT NO. 60322022
PERIOD ENDING Septamber 9, 2016

							CONTRACT					AUTHORE	ZED		AMOUNT TO DATE				
ITEM NO.	ITEM CODE	πem	UNIT	UNIT PRICE	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3	CUNTRACT	CONTRACT AMOUNT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	AUTHORIZED QUANTITY	AUTHORIZED AMOUNT	DIVISION 1	DIVISION 2 QUANTITY	DIVISION 3	QUANTITY TO DATE	AMOUNT TO DATE
63	2599-9990005	Bench, Typs A	EA	\$ 980,00	4	<del></del>		4	\$ 3,920.00	4	-		4	\$ 3,920,00					\$ 3,920.0
	2599-9890005	Bench: Type 8	EA	\$ 1,085,00	ela in esta di symbol	Kristaniko Zindani		8	\$ 8,680.00		75-77-77	r <del></del>	*		er severices		Section and		\$ 8,680.0
65	2599-9990005		EA						\$ 32,544,00	24			24		2			24	\$ 32,544.0
65 67	2599-9999005 2599-9999005	Bulb, Fürnished and Installed	EA.	\$ 3.50		100 0 100	Profession		\$ 2,940,00	840			840		84	2.5		840	
68		Concrete Stair Fire Hydrant Assembly on Existing Water Main at STA 102+42	EA EA			70.000	(St. 27. 24. 121. 1		\$ 4,325.00	1		The second second		\$ 4,325,00	<u> </u>	<u> </u>			\$ 4,325,0
69		Fire Hydrant Relocation at STA 106+95 (CO #10)	EA				•		\$ 7,455.00 \$ 8,930,00	Sec. 2010 (1997) 113	-			\$ 7,455.00 \$			1		\$ 7,455.0
70	2599-9999005	GFCI Receptacia	EA	\$ 158,00		6. C. N. M.	est of the second		\$ 1,422.00	9	un production	् स्वास्त्र अनुस्थान		\$ 1,422.00	process and the	Acres de la company	(		\$ 1,422.0
71		Ground Cover, Furnished and Installed (CO #10)	EA	\$ 7.00	200	1			\$ 1,400,00	280	1		280					280	
72		Install New Meter, Pit and Stop Box (CO #7)	"EA"	\$ 4,725.00		1-1	947.01.2-59s		\$ 4,725.00			and the state of the		\$ 1 1 1 1 4 2 X	1 77 YEAR TO		27 / 31.27	Ö	
73 74		Perennial Plant, Furnished and installed Removal of Fire Hydrant (CO #7)	EA						\$ 9,264.00	579			579		57			579	
76		Removal of Fire Hydrant on Exiating Main at STA 102+82	EA EA			7 = 2(2 19)	1		\$ 3,992.00 \$ 2,416,00	1 Nov. 1981 (1.43)	Catherine Harris	401 1 - 18 1 K AV		\$ 1,996.00		1	2	all and the	
76	2599-9990005	Removal of Meter Pit (GD #7)	1 EA			AC 54 100	1. 3. 1. 3. 27. 27		\$ 625.00	20 192 10 1	Committee of	1		\$ 2,416.00			1		\$ 2,416.0
77		Secondary Electrical Service Connection	EA			<del></del>			\$ 22,268,00					\$ 22,268.00	1	4			S 22.268.0
78		Storm Water Connections, per plan (CO #7)	EA	\$ 945,00	Per training	5 5 5	Grant and and		S 4.725.00	entendario in co	87.00	4,50000		5 5.870.00		NAME OF THE PARTY	F-19-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		\$ 5.570.0
79		Trash Receptacle	ËÀ	\$ 757.00	10			10	\$ 7,570.00	10		T		\$ 7,570.00	1	of		10	
80		Water Main Alteration #1	EA				7 TO THE STATE OF		\$ 7,352.00	71 a #**	A 36 - 1 - 1 - 1 - 1			\$ 7.352.00	1	150 1155	1	1	5 7,352,0
81 82		Water Main Alteration #2 (CO #7)	EA			1	1		\$ 7,352.00	L	L			s -			0		S -
83		Water Main Alteration #3 (CO #7) Water Main Alteration #4 (CO #7)	EA		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	TTSTT-18 7 (5 - 1		3 7,352.00	Purity Park	8 55 955	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.	a Trape de Buier	P - 2 1 4 2 1 2 1			\$ -
84		Water Service Stop Box, New Housing	EA		epolety the group of a	A Compression of the			\$ 7,352,00 \$ 368,00	N	100 No. of 34 250	0		\$ 388.00	<del>                                      </del>	1-1-1-1-1	<del> </del>		\$ 388.0
85		Water Service Stop Box, New Housing and Rod	EA			<del>     </del>			5 420.00	1	1	1		\$ 420.00	1	1			\$ 388.0 \$ 420.0
86	2599-9990005	Water Service Stop Box, Relocate (CO #7)	EA		n ar Calarta	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1.24		8 840.00	0.500,000,000	1 TENER OF THE	per cess as ig:		3 -20.00	S. No. 1 10	100000			5 -20.0
87		Water Service, Check Depth (CO #10)	EA			4		4	\$ 2,100.00			1		5	1		5		\$ -
B8		Water Service, Disconnect (CO #7)	EA				18 38 BB	17.5	\$ 315.00					9	la ing sampa	1 1- 750	) (A 170 13 19 19 19 19 19 19 19 19 19 19 19 19 19	D	
89	2599-9990005	Water Service, Lower 1-inch With New Copper (CO #6)	EA			1 1	<u> </u>	1 1	S 1,575,00		:	3		\$ 4,725.00		3	3		8 4,725.0
91	2500.0000005	Water Service, New (CO #7) Water Service, Relocation (CO #7)	EA			2	A 21 A 1880 A 18	2	\$ 5,252.00	Service Service				scheriy eest		1000	)	0	
92		Water Service, Tap (CO 97)	T EA			1 3 1 4 3 7	and the se	-	\$ 1,050.00 \$ .525.00		/ S. 20 Sec. of 170000	100		5 -			7		5 -
93		2-Inch PVC Electrical Duct (CO #10)	LF.			+		B85	\$ 10,342,50	1085		1	1085		108		-	1085	
B4		4-Inch PVC Electrical Duct	ுபு			J - 10 5 555		370	\$ 5,920.00	370			370		37		er sest o	370	
95		Tree Protection - Fence (CO #10)	LF			1130		1130	\$ 4,520,00		370		370			370	3	370	
98		Removal of Traffic Signalization: Ped. Crossing	LS					1 15 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 1,921.00	1/2	1		1.10	\$ 1,921.00		1 44 50	St. 2 . 10.7	1	
97		Temporary Traffic Signalization Traffic Signalization/Pad, Crossing	LS				ļ	1 1	\$ 13,549.00		1			3 13,549,00	<u> </u>	1			S 13,549,0
89		Tree Protection	LS	\$ 3,151,00		1	111111		3 17,456,00 \$ 3,151.00		1	1	1 mg	\$ 17,456.00	1	1			8 17,458.0
100		Brick Pavers (4 Inch x 8 Inch Clay) (CO #10)	SF			g et en jeske antrop	5 7 5 4 1 1 5 CHR		\$ 32,590.00	1414	100 100	i Oliverije in transportation	1414	\$ 3,151.00		4	11	1414	\$ 3,151.0 \$ 32,522.0
101		Engraved Brick Pavers (4 Inch x 8 Inch Clay)	SF			86	1	55	\$ 825.00	1-1-1	6	3		\$ 825.00			5	66	
102		Informational Signing (CO #10)	- BF			144	777 F 755 W		\$ 7,580.00	Fig. 1944 Pro	111	1 1 2 2 2 2	118			112	Prompt and	118	
103		Foundation Rock (CO #10)	TON				50		5 1,050.00				1 0	\$ -	1				\$ -
104		Sodding (CO #5) (CO #10)   Watering For Sod. Special Ditch Control, or Slope Protection (CO #10)	MGAL			1 N. M. A. O. A.	450000000000000000000000000000000000000	108	\$ 5,670,00	133		107 3.48	133.6					133.6	
108		Mobilization for Watering (CO #10)	MGAL EA			** Lawrence Communication Comm	The state of the s		\$ 3,886,00	17.	5	-	17,5			5		17.5	
107		Perimeter and Slope Sediment Control Device, 6 In. Dia. (CO #10)	LF.					420	\$ 3,500.00 \$ 1,050.00	30	-	-	300	\$ 2,450.00		7	y	300	\$ 2,450.0 \$ 750.0
108		Removal of Perimeter and Slope Sediment Control Device (CO #10)	TF.			er grander gerigde	Profesion of Logi		\$ 420.00	30		BATTER STORY	300				alera, el larra	300	
109	2810-0000110		EA						\$ 3,135.00					\$ 3,135,00			1	65	
110		Tries (CO #10)	EA			r salatin in it	17 17 19 19 19	48	\$ 17,493.00	. 4		1 3 8 P P P		\$ 16,422.00		5	ARABIN AME	48	
111	2610-0000200	Watering for Plants (CO #10)	MGAL					30	\$ 1,770.00	3		ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		S 1,770.00	3	0		30	\$ 1,770.0
8001		Changeable Message Signs, Portable (CO #1)	/Day				2000 0000 0000	4.3	\$ 1.806.00	3	O Production	* X - 3 - 3 - 3		rs - carrety reserving	2	0			\$
8002		Traffic Control Mobilization (CO #1)	EA			a si et sessen	4 CO 7 TO 1		3 23	37 1 a 1 a 1 a 1 a 1	4	# F K T 100 T T 100 T		\$ 3,344.00 \$ 1,750.00		2	0.00	32	\$ 3,344.0 \$ 1,760.0
8003		Water Main Alteration #5 (CO #1)	EA			1	0	1 0	is -	<del>                                     </del>	₹	1		\$ 8,481.24		7	+		S 8,481.2
ED04	2503-0116244	Storm Sawer Gravity Main, Trenched, Reinforced Concrete Arch Pipe	ப	\$ 175.00	A CONTRACTOR OF THE PARTY OF TH	8 77 19 77 7	Bright Arm	0	3 ( ) ( )		103000	LATE ACM	2.0	\$ 9,275.00	94 (7) (4)	10000000	ig ywraith	53	Table March March
8005	5 % 5 1	((RCAP), 2000D (Class A-III), 44 in. x 27 in. (CO #1)	- 12 To 2 To 2	A 17 A 18	**	TV NOTE OF STREET	provide titler i de	<u> राज्य सम्बद्धिया ग्रा</u>	1000	1 1 1 1 1 1 1		1 1/30-769	1.	tertains in 1		5 (4)	. P. P. J. S. W.	45	
8005		Granular Backfill (CO #1) (CO #5) (CO #7)  Manhole, Storm Sewer, SW-401, 48 in. (CD #1)	TON			al vices of the	3 20	0	3 -	1099.	2	1	1099.2			2	42 16 17 17	1099.2	
8007		Intake, SW-510 (CQ #1)	EA			1	1	0	5 -	1	4			\$ 5,820,00 \$ 8,580,00		Z)	4		\$ 5,820.
4 8008 F	2599-9999005	Relocate Senitary Sewer North of Urbandale Avanue (CO #2)	EAV			o reservan	Take to the state of	2000	8 22	Bergeragen, web	1 200 4 40 9 8 9	77. 4182.154		\$ 23,546.24		1	N GA HIGH COLORS		S 8,580.
8009	2599-9999005	Mobilization for PCC Patching North of Urbandale Avenue (CO #4)	EA			-	1		\$	1	+	1	<del>                                     </del>	\$ 2,200.00		1	1	1	\$ 2,200
8010	2599-9999010	Redestrain Role (CO #8)	* EA			WATE TO	a de la companya de l		ta is a second second	to the man	1	TOTAL DAR		\$ 1,839.64		1 200	100000000000000000000000000000000000000	ি ে বিশ্	\$ 1,639
8011		Valve Box Extension (CO #6)	EA					D	\$ -		1			\$ 250.00	)	1	I	1	\$ 250.
8012 8013		Remove & Re-Install Brick Pavers (CO #6)	EA				<b>4</b>	0.00	. <b>\$</b> 72 . A (21 A 7 + 6	and the second	1	r especialist de l'arc		3 335.2		1			\$ 335
8013		HMA Driveway (CO #5)   Convert Edisting Intake to Manhole (CO #7)	TON				+	0	-	2	5			\$ 4,510.0		5			\$ 4,510.
8015	2599-9999n1n	Additional Manhole and Intake Depth (CO#7)	LS			. 0	4	1 0 -	•	14.22 23	1 1 1 1 1 1 1 1 1 1	1		\$ 6,930.00 5 14,532.6		100000000000000000000000000000000000000	3		\$ 6,830.
8018		20-inch Ductile iron Pipe w/ Concrete Collers (CO #7)	: Est			1	S DESCRIPTION OF STREET	*****************	de la	exiguestic in	derge van	1 100 200		1 3 14,532,6		To the second	4		\$ 14,532
8017	2599-9999010	Fire Hydrant Relocation (CO #7)	LS			T	0	0	S -	1	1			1 5 12,014.0		+			S 12.014
		2-Inch Conduit and Junction Boxes (CO #7)		\$ 21,707,8		0.000		0	S C					\$ 21,707.8		1			\$ 21,707.

REVISED PAY ESTIMATE NO. 21 BEAVER AVENUE STREETSCAPE IDOT PROJECT NO. STP-E-1945(804)-8V-77 CITY OF DES MOINES ACTIVITY ID 04-2012-005 AECOM PROJECT NO. 60322022 PERIOD ENDING September 9, 2016

	<del>,</del> -					CONTRAC	T		AUTHORIZED						AMOUNT TO DATE					
ITEM NO.	ITEM CODE	ITEM	UNIT	UNIT PRICE	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	CONTRACT	CONTRACT AMOUNT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	AUTHORIZED QUANTITY	AUTHORIZED AMOUNT	DIVISION 1 QUANTITY	DIVISION 2 QUANTITY	DIVISION 3 QUANTITY	QUANTITY TO DATE	AMOUNT TO DATE	
8019	2599-9899010 Eme	ergency Stop Box Repair (CO #8)	LS	\$ 4,399,7		0		0	s -	<del></del>	1		1	\$ 4,399.70				4	4,399,70	
		ise Drivaway Forms at Vision Clinic (CO #8)	7 13 7	\$ 5,925.0	0.	1000		0	10 · · · · · · · · · · · · · · · · · · ·		Control of the Con-	Total Species	tree where the	\$ 5,925,00			the contract	1 5		
8021	2599-9999010 Aba	ndon Existing Structure (CO #8)	LS	\$ 1,735.2	0			0						3 1,735.20					3,925.00 1,735.25	
8022		er Existing Footing (CO #8)	LS	\$ 2,932.0	0	U	100		33	ning per uproving		TO STREET	ages of the contract of the contract	\$ 2,932.00			N H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2,932.00	
8023		eir Demaged Conduit (CO #8)	LS	\$ 2,043.8	0		1	0	š -		-			\$ 2,043.80			A	1 3		
8024	2589-9999010 Prov	ikie and Install New Black Meter for Pedestrian Crossing (CO #8)	LS	3 3 801 9	0.00	A 44 14 14 14 14	4 1 1/2 1 1 1 1 1 1 1 1 1	170 mm n u 15 m	Mar. 11 11 11 11 11 11 11 11 11 11 11 11 11		SE 13 1 1 1 1	1	en la proprieta in pro-	\$ 3,601.9		F 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		13	\$ 2,043.80 \$ 3,801.95	
6025	2599-8999010 Tele	vise Roof Drain (CO #8)	LS		0	<del> </del>		0	8 -	-		21.0		3 315.4		_		113		
6026	2599-9999010 Prov	ride Traffic Officer During Milling (CO #8)	PALS	\$ 300.0	0.000	1 F3 - 11 1 R7 - 4-5	Present to give	10 may 10 mm 2-			750 Sec. 1777		9 50 C C C	\$ 300.0				113	315.40	
8027	2599-9999020 Lan	dscaping Brick Chips (CO #8)	TON		0			<u> </u>						\$ 556.8				113	300.00	
8028	2599-9999010 M-4	Ready Mix Charge (CO #6)	1.5	\$ 550.0	1 12 1 1 2 2 2 2 2 2	1 1 2 2 2 1 D L 2 2 2 2	100 1 5 5 5 68	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	1 10 10 10 10 10 10 10 10 10 10 10 10 10	ye 5-1-2 of 100 mg			S 550.0		100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 3	\$ 556.86 \$ 550.00	
8029	2599-9999009 Unai	hane Sastant (CO #9)	LF					1 .	-		905		905	19		905		905 5		
8030	2599:9999009 Hot-	Applied Sealant (CO #9)	TILE	3 17	1 TO 1 TO 1 TO 1	James Transport	100 00000		#75 COS P. C. B.	erand agraphs with	16R5		1665			1685	*	1665 3		
8031	2599-9999010 Bas	e Petching for HMA Overlay (CO #9)	LS			<del></del>		0			1000	N N N N N N N N N N N N N N N N N N N	1000	\$ 2,498.0		1003		1065 3		
8032	2599-9999010 Con	criste Diamond Manhole Adjustments (CO #9)	LS				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ 60 a 20 a 20 a 20 a 20 a	200 A 100		100000				17 To 181 1 191		113	2,498.00	
8033	2599-9999010 Ren	noval & Replacement of ACE Driveway Tapers (CO #9)	LS		<u> </u>	1 0	f		•		-	-		\$ 12,794.71 \$ 3,030.01				1) \$		
8034	2599-9999010 Add	itional Survey (CO #10)	Tales:					3.00000	* (s. 18 18 18 18 18 18 18 18 18 18 18 18 18		1,54 1,040,044	A 20 CO 1 CO	1	\$ 1,339.2				1 1 5	3,030,00	
8035		Itional Landscaping Mobilization (CO #10)	LS	\$ 1,100.0		0		0	•				1					1 5	1,339,25	
8038	2599-8999010 Add	litonal Soll Preparation (CC #10)	LS			1	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	<b>-</b>			10.00			\$ 1,100.0 \$ 1,025.0				1 5	1,100.00	
				1,000.0	<del>' </del>	+			•		+		1	a 1,025,0	M 100 100 100 100			1 5	1,025.00	
		TOTAL	\$	<u> </u>	<del></del>			_	\$ 1,738,907.14	<del></del>	<u> </u>		L	\$ 1,939,914,5	1	<u>.                                    </u>	·	<u></u>	1,939,914,69	

FUNDING SUMMARY
DIVISION 1 - IDOT FUNDS (MAX. \$439,000.00) & CITY OF DES MOINES FUNDS
DIVISION 2 - CITY OF DES MOINES FUNDS
DIVISION 3 - DES MAINES WATER WORKS FUNDS

10/28/16

TOTAL EARNED TO DATE \$ 1,482,511.13 \$ 390,268,57 \$ 37,134,98 DUE THIS ESTIMATE 0.00 0.00 \$1,909,914,69

TOTAL FARNED TO DATE \$ 1,939,914,59
STORED MATERIALS \$ 1,939,914,59
LESS 3% RETAINAGE \$ 30,000,00
SUBTOTAL \$ 1,009,914,59
LESS PREVIOUS PAYMENT \$ 1,909,914,59
DUE THIS ESTIMATE \$