

★ **Roll Call Number**

Agenda Item Number

11

DATE October 26, 2015

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR WAVELAND TRAIL - I-235 TO UNIVERSITY AVENUE, T K CONCRETE 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 Waveland Trail - I-235 to University Avenue, 11-2014-003, in accordance with the contract approved between T K Concrete Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219, under Roll Call No. 14-0898, of June 9, 2014, and the City of Des Moines, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

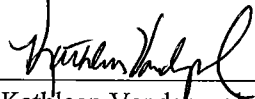
BE IT FURTHER RESOLVED: That \$385,551.79 is the total cost, of which \$365,222.55 has been paid the Contractor, and \$8,762.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$11,566.55 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.


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:


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE


Daniel E. Ritter
Des Moines Finance Director

ASC Funding Source: 2015-2016 CIP, Page Parks - 7, Multi-Use Trails, PK045, Being: \$250,000 (maximum) in Iowa DOT Transportation Alternatives Program (TAP) funds being 80% eligible construction costs under IDOT Project No. TAP-T-1945(807)--8V-77, and the remaining \$135,551.79 in PK045, G.O. Bonds to be issued

COUNCIL ACTION	YEAS	NAYS	Pass	ABSENT
COWNIE				
COLEMAN				
GATTO				
GRAY				
HENSLEY				
MAHAFFEY				
MOORE				
TOTAL				

MOTION CARRIED

APPROVED

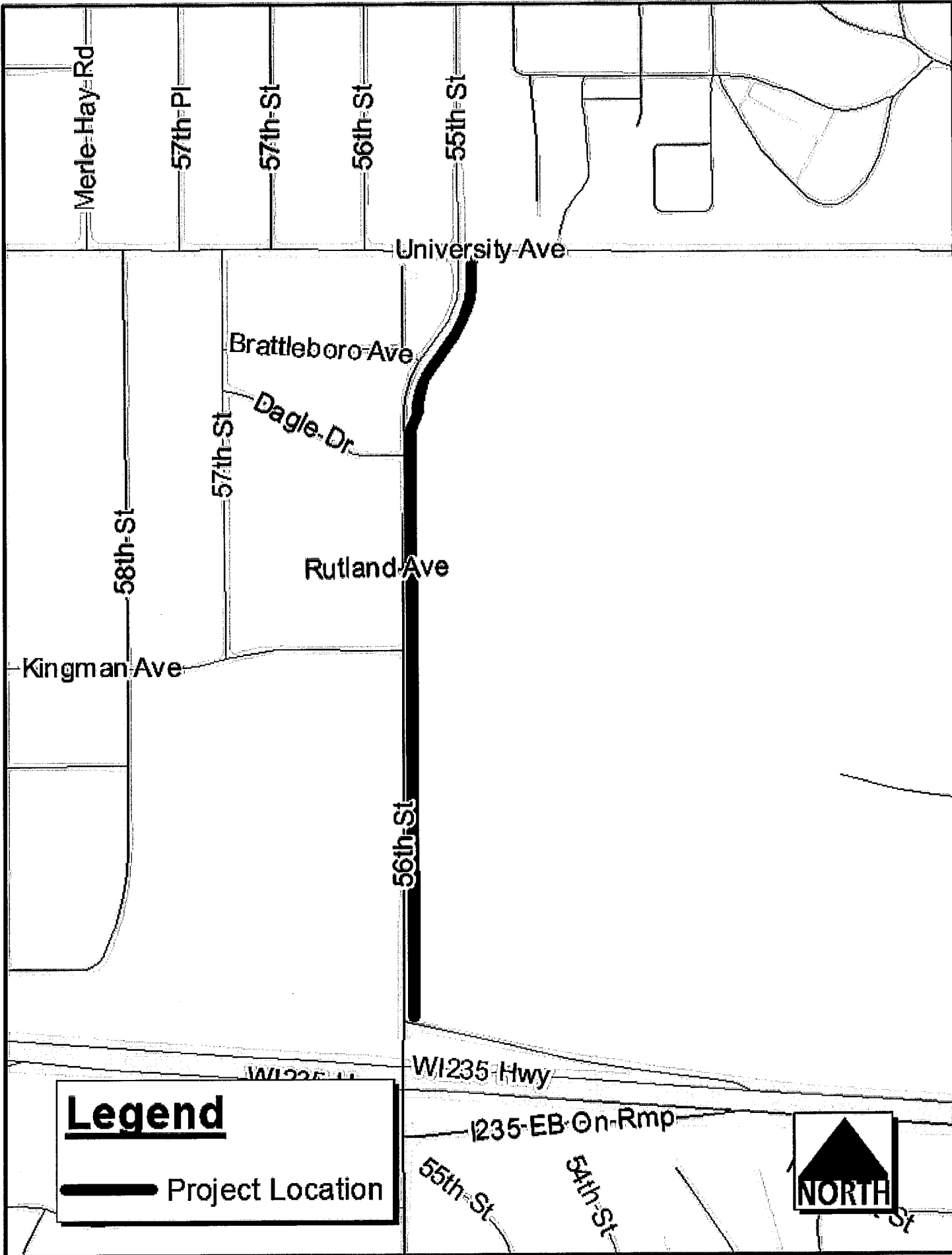
Mayor

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.

City Clerk



Legend

 Project Location



PROJECT SUMMARY

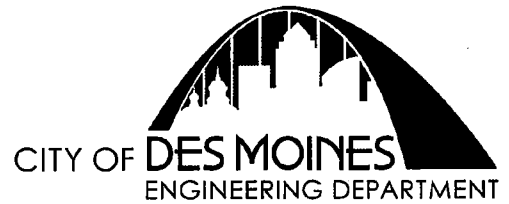
Waveland Trail - I-235 to University Avenue

Activity ID 11-2014-003

On June 9, 2014, under Roll Call No. 14-0898, the Council awarded the contract for the above improvements to T K Concrete Inc., in the amount of \$389,716.50. Tabulated below is a history of project change orders.

Change Order No.	Initiated By	Description	Amount
1	Engineering	8/8/2014 Provide sidewalk detour signage for the sidewalk closure along the east side of 56th Street.	\$4,750.00
2	Engineering	11/5/2014 Adjusting contract quantities to as-built quantities.	\$19,235.70
3	Engineering	1/29/2015 Adjust plan quantities to as-built quantities for all items except for erosion control matting, filter sock, and erosion control mobilization.	\$2,981.44
4	Engineering	7/2/2015 Adjust plan quantities to the as-built quantities.	\$(6,631.85)
5	Engineering	8/3/2015 Assess liquidated damages.	\$(24,500.00)
Original Contract Amount			\$389,716.50
Total Change Orders			\$(4,164.71)
Percent of Change Orders to Original Contract			(1.07)%
Total Contract Amount			\$385,551.79

October 26, 2015



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the Waveland Trail - I-235 to University Avenue, T K Concrete Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$385,551.79 As-Built Contract Cost

Funding Source: 2015-2016 CIP, Page Parks - 7, Multi-Use Trails, PK045, Being: \$250,000 (maximum) in Iowa DOT Transportation Alternatives Program (TAP) funds being 80% eligible construction costs under IDOT Project No. TAP-T-1945(807)--8V-77, and the remaining \$135,551.79 in PK045, G.O. Bonds to be issued

CERTIFICATION OF COMPLETION:

On June 9, 2014, under Roll Call No. 14-0898, the City Council awarded a contract to T K Concrete Inc., Tony J. Ver Meer, President, 1608 Fifield Road, Pella, IA 50219 for the construction of the following improvement:

Waveland Trail - I-235 to University Avenue, 11-2014-003

The improvement includes the construction of a 10-foot wide, 6-inch thick, PCC recreational trail, PCC sidewalks, grading, fence replacement, storm sewer modifications, site restoration, and other associated work and incidental items; in accordance with the contract documents, including Plan File Nos. 557-077/113, along the east side of 56th Street, from I-235 to University Avenue, Des Moines, Iowa

I hereby certify that the construction of said Waveland Trail - I-235 to University Avenue, Activity ID 11-2014-003, 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 July 14, 2014, and was completed on October 14, 2015.

I further certify that \$385,551.79 is the total cost of said improvement, of which \$365,222.55 has been paid the Contractor and \$8,762.69 is now due and is hereby approved as final partial payment for the above project, the remaining balance of \$11,566.55 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.

Pamela S. Cooksey, P.E.
Des Moines City Engineer



**ENGINEERING DEPARTMENT
CITY OF DES MOINES, IOWA**

**ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 1/17/2015 to 8/13/2015
FINAL PAYMENT (PAYMENT NO. 5)**

**Proj No: TAP-T-1945(807)--8V-77
Activity ID: 11-2014-003
Date: 8/13/2015**

**PROJECT: WAVELAND TRAIL: FROM I-235 TO UNIVERSITY AVE
CONTRACTOR: T.K. CONCRETE, INC.**

LINE NO.	DESCRIPTION	UNIT	ESTIMATED	AUTHORIZED	UNITS		TOTAL AMOUNT
					CONSTRUCTED	TO DATE	
0010	CLEARING AND GRUBBING	ACRE	0.100	0.100			\$2,000.00
0020	SPECIAL BACKFILL	TON	900,000	1,108,920			\$24,950.70
0030	EXCAVATION, CLASS 10 ROADWAY AND BORROW	CY	1,050,000	1,050,000			\$23,100.00
0040	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	400,000	400,000			\$8,000.00
0050	SEGMENTAL BLOCK RETAINING WALL	SF	320,000	462,000			\$19,635.00
0060	INTAKE, SW-505	EACH	3,000	4,000			\$34,000.00
0070	INTAKE, SW-506	EACH	2,000	1,000			\$9,000.00
0080	INTAKE, SW-512, 24 IN.	EACH	1,000	1,000			\$5,000.00
0090	MANHOLE ADJUSTMENT, MINOR	EACH	2,000	1,000			\$1,000.00
0100	SUBRAIN OUTLET, (RF-19C)	EACH	6,000	0,000			\$0.00
0110	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D (CLASS III), 15"	LF	23,000	23,000			\$2,875.00
0120	REMOVAL OF PAVEMENT	SY	1,400,000	1,329,680			\$16,621.00
0130	REMOVAL OF INTAKES AND UTILITY ACCESSSES	BACH	5,000	5,000			\$5,000.00
0140	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	SY	3,260,000	3,191,120			\$111,689.20
0150	SPECIAL COMPACTON OF SUBGRADE FOR RECREATIONAL TRAIL	STA	28,000	28,000			\$8,400.00
0160	DETECTABLE WARNINGS	SF	124,000	120,000			\$4,200.00
0170	FENCE, CHAIN LINK, 72 IN. HEIGHT	LF	954,000	962,000			\$173,316.00
0180	REMOVAL OF FENCE, CHAIN LINK	LF	954,000	962,000			\$3,848.00
0190	WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 4 IN.	LF	50,000	50,000			\$1,375.00
0200	TYPE A SIGNS, SHEET ALUMINUM	SF	11,000	11,000			\$275.00
0210	TRAFFIC CONTROL	LS	1,000	1,000			\$4,700.00
0220	MOBILIZATION	LS	1,000	1,000			\$57,000.00
0230	TRAFFIC DIRECTION - UNIFORMED POLICE OFFICER	BACH	9,000	31,000			\$23,250.00
0240	TREE PROTECTION FENCE	LF	625,000	1,030,000			\$5,150.00
0250	TREE PROTECTION	LS	1,000	1,000			\$3,000.00
0260	MULCHING	ACRE	1,500	0,340			\$238.00
0270	SEEDING AND FERTILIZING (URBAN)	ACRE	1,500	0,340			\$389.30
0280	SLOPE PROTECTION, WOOD EXCELISOR MAT	SQ	120,000	70,600			\$1,147.25
0290	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	1,500	0,000			\$0.00

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LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
0300	TURF REINFORCEMENT MAT, TYPE 2	SQ	23.000	79.250	79.250	\$52.00	\$4,121.00
0310	SILT FENCE	LF	1,525.000	1,389.000	1,389.000	\$2.00	\$2,778.00
0320	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	1,525.000	1,389.000	1,389.000	\$0.50	\$694.50
0330	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 6 IN. DIA.	LF	2,600.000	243.000	243.000	\$2.30	\$558.90
0340	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	2,600.000	243.000	243.000	\$0.20	\$48.60
0350	MOBILIZATION, EROSION CONTROL	EACH	4.000	3.000	3.000	\$500.00	\$1,500.00
8001	ADDITIONAL TRAFFIC CONTROL (LS)	LS	0.000	1.000	1.000	\$4,750.00	\$4,750.00
8002	WOOD CELLULOSE FIBER MULCH	ACRE	0.000	1.620	1.620	\$1,507.00	\$2,441.34
8998	PRICE ADJLIQUIDATED DAMAGES (DAY)	DAY	0.000	24.500	24.500	(\$1,000.00)	(\$24,500.00)
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$385,551.79				
PARTIAL PAYMENT NO. 1			\$119,703.15				
PARTIAL PAYMENT NO. 2			\$151,953.35				
PARTIAL PAYMENT NO. 3			\$76,305.88				
PARTIAL PAYMENT NO. 4			\$17,260.17				
THIS FINAL PAYMENT			\$8,762.69				
TOTAL PARTIAL PAYMENTS			\$373,985.24				
BALANCE			\$11,566.55				

TOTAL	\$385,551.79
RETAINAGE	\$11,566.55
TOTAL LESS RETAINAGE	\$373,985.24
LESS PREVIOUS PAYMENT	\$365,222.55
AMOUNT DUE	\$8,762.69

PREPARED BY: *Mark R. [Signature]*

CHECKED BY: *Jack L. [Signature]*

CONTRACTOR AGREEMENT: *TK Concrete Inc / [Signature]*
8-26-15

FINAL PAYMENT (PAYMENT NO. 5)