

Date June 19, 2006

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT  
FOR THE AGRIMERGENT TECHNOLOGY PARK STORM SEWER OUTLET AND PUMP STATION,  
CRAMER AND ASSOCIATES, INC.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Chief Civil Engineer, showing the cost of construction of the Agrimergent Technology Park Storm Sewer Outlet and Pump Station, Activity ID 08-2003-005, Project No. EDA No. 05-01-03631, in accordance with the contract approved between Cramer and Associates, Inc., Robert Cramer, President/CAO, 990 NE 44th Avenue, Des Moines, IA, 50313, under Roll Call No. 04-1365, of June 21, 2004, and the City of Des Moines, Iowa, and recommending the acceptance thereof, be and the same is hereby approved, and accepted, and

BE IT FURTHER RESOLVED: That \$2,115,800.90 is the total cost, of which \$2,010,010.85 has been paid the Contractor, and the remaining balance of \$105,790.05 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full 5%, Chapter 573, Code of Iowa retainage amount, whichever is lesser.

BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such acceptance within which to initiate suit to collect on their claims, and that if suit is not commenced within that time, the City will be required to release the retainage which it is now holding.

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

Activity ID 08-2003-005

Moved by \_\_\_\_\_ to adopt. Funds Available:

FORM APPROVED: Kathleen Vanderpool  
Kathleen Vanderpool  
Deputy City Attorney

Allen McKinley  
Allen McKinley  
Acting Finance Director

Funding: 2006-2007 CIP, Page Economic Development - 5, Agrimergent Sewer EDA, URR073 being: \$1,115,801 in G.O. Bonds and \$1,000,000 in Federal EDA Grant Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BROOKS				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
VLASSIS				
TOTAL				

MOTION CARRIED

APPROVED

CERTIFICATE

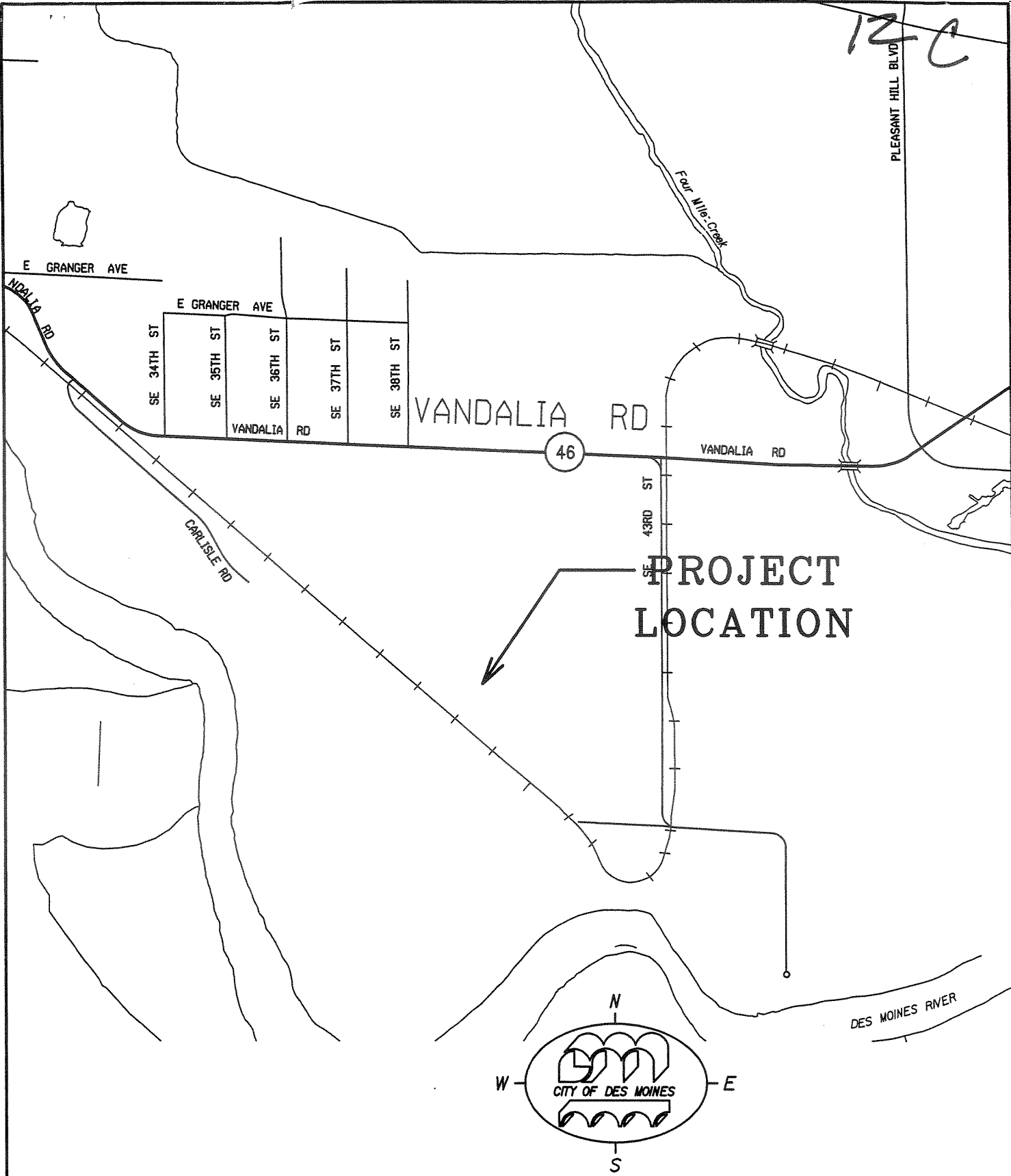
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
City Clerk

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**AGRIMERGENT TECHNOLOGY PARK  
 STORM SEWER OUTLET & PUMP STATION  
 ACTIVITY I.D.08-2003-005**

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# PROJECT SUMMARY

## Agrimergent Technology Park Pump Station

### Activity ID 08-2003-005

On June 21, 2004, under Roll Call No. 04-1364, the City Council awarded the contract for the above improvement to Cramer & Associates Inc. in the amount of \$2,076,097.50, for the construction of a storm water pump station, inlet headwall, outlet headwall, and a 54-inch diameter reinforced concrete storm sewer.

Tabulated below is a history of project change orders.

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
1	12/9/2004 Construct temporary chain link fence for security for Diamond Animal Health, modify the dewatering outlet to reduce impact on adjacent properties, and credit for construction testing.	Engineering	\$9,940.00
2	3/14/2005 Construction of a structure because a sanitary sewer service line and the storm sewer were in conflict. The Contractor provided a credit for the railroad surface crossing in which they did not have to obtain.	Engineering	\$9,900.00
3	4/5/2005 Remove and replace pavement along Carlisle Road. Obtain two additional Railroad Protective Liability Insurance policies.	Engineering	\$9,920.00
4	4/18/2005 Provide approximately 275 feet of buried 4-inch PVC pipe to provide permanent electric power. Install an additional gate on the east wall of the pump station.	Engineering	\$9,800.00
5	11/22/2005 Contractor constructed additional quantities of bid items based upon field conditions. Adjust contract quantities to match as-built quantities.	Engineering	(\$15,576.38)
6	4/27/2006 Reinforce the levee and perform surface restoration to comply with the Army Corps of Engineers suggestion.	Engineering	\$9,542.00

<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
7	4/28/2006 Provide two rolling platforms for the pump station.	Engineering	\$6,177.78
<b>Original Contract Amount</b>			\$2,076,097.50
<b>Total Change Orders</b>			\$39,703.40
<b>Percent of Change Orders to Original Contract</b>			1.91%
<b>Final Contract Amount</b>			\$2,115,800.90

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June 19, 2006

**CERTIFICATION OF COMPLETION**

**AGENDA HEADING:**

Accepting completed construction and approving final payment for the Agrimergent Technology Park Storm Sewer Outlet and Pump Station, Cramer and Associates, Inc.

**SYNOPSIS:**

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

**FISCAL IMPACT:**

Funding Source: 2006-2007 CIP, Page Economic Development – 5, Agrimergent Sewer EDA, URR073 being: \$1,115,801 in G.O. Bonds and \$1,000,000 in Federal EDA Grant Funds

Amount: \$2,115,800.90 As-Built Contract Cost

**CERTIFICATION OF COMPLETION:**

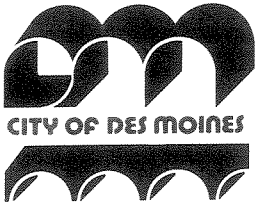
On June 21, 2004, under Roll Call No. 04-1365, the City Council awarded a contract to Cramer and Associates, Inc., Robert Cramer, President/CAO, 990 NE 44<sup>th</sup> Avenue, Des Moines, Iowa, 50313, for the construction of the following improvement:

Agrimergent Technology Park and Storm Sewer Outlet and Pump Station, 08-2003-005

Construction of a storm water pump station, inlet headwall, outlet headwall, 54" diameter storm sewer and miscellaneous associated work including cleanup in accordance with the contract documents including Plan File Nos. 426 – 040/088 at:

South of Vandalia Avenue, west of SE 43<sup>rd</sup> Street, Des Moines, Iowa.

I hereby certify that the construction of said Agrimergent Technology Park and Storm Sewer Outlet and Pump Station, 08-2003-005, 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 October 4, 2004, and was completed on June 13, 2006.



ENGINEERING DEPARTMENT  
CITY HALL  
400 ROBERT D. RAY DRIVE  
DES MOINES, IOWA 50309 – 1891  
(515) 283-4920  
FAX (515) 283-4112

ALL-AMERICA CITY  
1949, 1976, 1981  
2003

I further certify that \$2,115,800.90 is the total cost of said improvement, of which \$2,010,010.85 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 \$105,790.05 is to be paid at the end of thirty days, provided no claims or liens have been filed against said contract. In the event that at the end of said thirty (30) day period, claims are on file as herein provided, the City of Des Moines shall continue to retain from said unpaid funds, a sum not less than double the total amount of all claims on file, or the full Chapter 573 Code of Iowa retainage amount, whichever is lesser. The amount of completed work is shown on the attached Estimate of Construction Completed.

A handwritten signature in black ink, appearing to read "Jeb E. Brewer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jeb E. Brewer, P.E.  
Des Moines City Engineer

**ESTIMATE OF CONSTRUCTION COMPLETED**  
FOR WORK DONE FROM 05/17/05 TO 06/1/06  
**FINAL PAYMENT (PAYMENT NO. 16)**


**PROJECT: Agrimergent Technology Park Storm Sewer Outlet and Pump Station**  
**CONTRACTOR: Cramer & Associates**

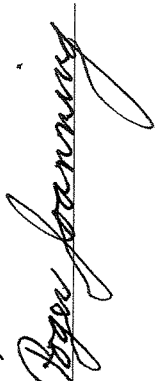
FINAL PAYMENT (PAYMENT NO. 16)

LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
1	Mobilization	LS	1.00	1.00	1.00	\$110,000.00	\$110,000.00	
2	Clearing and Grubbing	ACRE	0.30	0.30	0.30	\$5,200.00	\$1,560.00	
3	Excavation, Class 10	CY	7,100.00	7,100.00	7,100.00	\$1.00	\$7,100.00	
4	Topsoil, Strip, Salvage and Spread	CY	1,500.00	1,500.00	1,500.00	\$8.50	\$12,750.00	
5	Site & Access Road Polymer Grid	SY	2,425.00	2,662.00	2,662.00	\$3.20	\$8,518.40	
6	Site & Access Road Class D Granular Surfacing	SY	2,425.00	2,662.00	2,662.00	\$12.50	\$33,275.00	
7	Chain Link Fence, Removal	FT	325.00	325.00	325.00	\$3.00	\$975.00	
8	Chain Link Fence, 96-inch Height	FT	610.00	660.00	660.00	\$16.00	\$10,560.00	
9	Chain Link Fence Gate, 16-foot Wide	EACH	4.00	5.00	5.00	\$840.00	\$4,200.00	
10	Concrete Transformer Foundation Pad	EACH	1.00	1.00	1.00	\$2,500.00	\$2,500.00	
11	Concrete Storm Sewer Pipe, 54-inch Dia., Class III	FT	1,060.00	1,060.00	1,060.00	\$315.00	\$333,900.00	
12	Boring, Jacking & Augering Steel Casing Pipe (72 inch Dia.) with Concrete Storm Sewer Pipe (54 inch Dia., Class III)	FT	70.00	70.00	70.00	\$1,600.00	\$112,000.00	
13	Jacked Concrete Storm Sewer Pipe (54 inch Dia., Class V) without Casing Pipe	FT	60.00	60.00	60.00	\$1,400.00	\$84,000.00	
14	Foundation Rock	TON	110.00	0.00	0.00	\$1.00	\$0.00	
15	Type M-E Manhole	EACH	1.00	1.00	1.00	\$2,600.00	\$2,600.00	
16	Inlet Headwall	EACH	1.00	1.00	1.00	\$6,300.00	\$6,300.00	
17	Outlet Headwall	EACH	1.00	1.00	1.00	\$6,300.00	\$6,300.00	
18	Pump Station & Gatewell, Except Submersible Pumps and Hardware	LS	1.00	1.00	1.00	\$1,128,000.00	\$1,128,000.00	
19	Submersible Pumps and Hardware	LS	1.00	1.00	1.00	\$134,485.00	\$134,485.00	
20	Seeding, Type 1 Lawn Mixture	SQ	2,650.00	1,397.50	1,397.50	\$9.50	\$13,276.25	
21	Seeding, Type 5 Stabilizing Crop	SQ	2,650.00	696.75	696.75	\$7.20	\$5,016.60	
22	Silt Fence	FT	1,200.00	372.00	372.00	\$2.00	\$744.00	
23	Class E Riprap	TON	65.00	91.50	91.50	\$58.00	\$5,307.00	
24	Levee Restoration	LS	1.00	1.00	1.00	\$26,000.00	\$26,000.00	
25	Construction Survey	LS	1.00	1.00	1.00	\$4,700.00	\$4,700.00	
26	Project Sign, Large	EACH	2.00	1.00	1.00	\$600.00	\$600.00	
1.01	Temporary 8' Chain Link Fence	FT	0.00	720.00	720.00	\$8.25	\$5,940.00	
1.02	Dewatering Modifications	LS	0.00	1.00	1.00	\$5,200.00	\$5,200.00	

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LINE NO.	DESCRIPTION	UNIT	UNITS			CONSTRUCTED TO DATE	UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED				
1.03	Construction Testing Credit	LS	0.00	1.00	1.00	-\$1,200.00	(\$1,200.00)	
2.01	Conflict Structure	EACH	0.00	1.00	1.00	\$15,900.00	\$15,900.00	
2.02	Railroad Surface Crossing Credit	LS	0.00	1.00	1.00	-\$6,000.00	(\$6,000.00)	
3.01	Railroad Protective Liability Insurance	EACH	0.00	2.00	2.00	\$3,750.00	\$7,500.00	
3.02	P.C.C. Full Depth Patching	SY	0.00	44.00	44.00	\$55.00	\$2,420.00	
4.01	Additional 4' Wide Gate	LS	0.00	1.00	1.00	\$4,300.00	\$4,300.00	
4.02	4-Inch PVC Duets	LF	0.00	275.00	275.00	\$20.00	\$5,500.00	
5.01	Autumn Brilliance Serviceberry	EACH	0.00	2.00	2.00	\$212.45	\$424.90	
5.02	Concolor Fir	EACH	0.00	2.00	2.00	\$312.84	\$625.68	
5.03	Winged Euonymous	EACH	0.00	2.00	2.00	\$54.37	\$108.74	
5.04	Concrete Posts	EACH	0.00	4.00	4.00	\$625.00	\$2,500.00	
5.05	Diesel Fuel for Generator	LS	0.00	1.00	1.00	\$2,194.55	\$2,194.55	
6.01	Levee Modifications	LS	0.00	1.00	1.00	\$9,542.00	\$9,542.00	
7.01	Rolling Platforms	LS	0.00	1.00	1.00	\$6,177.78	\$6,177.78	
CHANGE ORDER NO. 1 TO ADD CONTRACT ITEMS								
TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS			\$2,115,800.90					
PARTIAL PAYMENT NO. 1			\$89,480.50					
PARTIAL PAYMENT NO. 2			\$230,194.88					
PARTIAL PAYMENT NO. 3			\$382,869.00					
PARTIAL PAYMENT NO. 4			\$316,926.27					
PARTIAL PAYMENT NO. 5			\$195,400.75					
PARTIAL PAYMENT NO. 6			\$249,850.00					
PARTIAL PAYMENT NO. 7			\$112,518.00					
PARTIAL PAYMENT NO. 8			\$69,252.72					
PARTIAL PAYMENT NO. 9			\$202,958.00					
PARTIAL PAYMENT NO. 10			\$23,902.00					
PARTIAL PAYMENT NO. 11			\$94,280.37					
PARTIAL PAYMENT NO. 12			\$17,550.54					
PARTIAL PAYMENT NO. 13			\$9,894.03					
PARTIAL PAYMENT NO. 14			\$9,064.90					
PARTIAL PAYMENT NO. 15			\$5,868.89					
THIS PARTIAL PAYMENT			\$0.00					
TOTAL PARTIAL PAYMENTS			\$2,010,010.85					
TOTAL							\$2,115,800.90	
RETAINAGE							\$105,790.05	
TOTAL LESS RETAINAGE							\$2,010,010.85	
LESS PREVIOUS PAYMENT							\$2,010,010.85	
AMOUNT DUE							\$0.00	
FINAL PAYMENT (PAYMENT NO. 16)								

PREPARED BY: 

CHECKED BY: 

KC