



Date December 09, 2024

**PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS,
FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
GEORGE FLAGG PARKWAY AND FLEUR DRIVE FLOODGATE CLOSURE;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS WRH, INC., JAMES G. RICH, PRESIDENT, \$2,084,416**

WHEREAS, on October 07, 2024, under Roll Call No. 24-1328, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

George Flagg Parkway and Fleur Drive Floodgate Closure, Activity ID 082022005

The improvement includes demolition of existing floodgate, earthwork, cast-in-place concrete floodwall, fabricated steel roller flood gate, sheet piling, Portland Cement Concrete (PCC) pavement, pavement removal, storm sewer, construction survey, temporary traffic control, pavement markings, erosion control, site restoration, and other incidental items, all in accordance with the contract documents including Plan File No. 661-091/127, located at the intersection of George Flagg Parkway and Fleur Drive in Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- WRH, Inc., South Amana, IA - Low Bid
- Cramer and Associates, Inc., Grimes, IA
- Jasper Construction Services, Inc., Newton, IA
- United Contractors, Inc., Johnston, IA
- Shekar Engineering, P.L.C., Des Moines, IA

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on November 05, 2024. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by WRH, Inc., James G.



48

Date December 09, 2024

Rich, President, 1648 T Avenue, South Amana, IA, 52334 in the amount of \$2,084,416, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

(Council Communication No. 24-487 attached)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2024-25 CIP, Page 95, George Flagg Parkway Levee Replacement Study, SM137, Storm Water Utility Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
BOESEN				
COLEMAN				
GATTO				
MANDELBAUM				
SIMONSON				
VOSS				
WESTERGAARD				
TOTAL				

CERTIFICATE

I, Laura Baumgartner, 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.

MOTION CARRIED APPROVED

Mayor

City Clerk

TABULATED BY: N. Smith / APPROVED BY Phillip J. Wagen
CHECKED BY: Christopher Bull

CONTRACTOR'S BID TABULATION
PROJECT: GEORGE FLAGG PARKWAY AND FLEUR DRIVE FLOODGATE CLOSURE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING & GRUBBING	1 LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00
2	TOPSOIL, ON-SITE (P)	160 CY	\$40.00	\$6,400.00	\$15.00	\$2,400.00	\$50.00	\$8,000.00	\$45.00	\$7,200.00
3	EXCAVATION, CLASS 10 (IMPERVIOUS LEVEE FILL FROM ONSITE)	1130 CY	\$75.00	\$84,750.00	\$20.00	\$22,600.00	\$40.00	\$45,200.00	\$35.00	\$39,550.00
4	EXCAVATION, CLASS 10 (PERVIOUS LEVEE FILL INSTALLED FROM EXISTING SUITABLE BORROW ONSITE) (P)	600 CY	\$35.00	\$21,000.00	\$15.00	\$9,000.00	\$40.00	\$24,000.00	\$35.00	\$21,000.00
5	EXCAVATION, CLASS 10 (ALL EXCESS OR UNSUITABLE FILL TO BE REMOVED TO OFF-SITE) (P)	180 CY	\$40.00	\$7,200.00	\$16.00	\$2,880.00	\$25.00	\$4,500.00	\$35.00	\$6,300.00
6	SUBGRADE PREPARATION	725 SY	\$6.00	\$4,350.00	\$2.00	\$1,450.00	\$5.00	\$3,625.00	\$9.00	\$6,525.00
7	MODIFIED SUBBASE, 6" DEPTH	878 SY	\$45.00	\$39,510.00	\$15.00	\$13,170.00	\$16.00	\$14,048.00	\$18.00	\$15,804.00
8	REMOVE 18" RCP	125 LF	\$100.00	\$12,500.00	\$20.00	\$2,500.00	\$15.00	\$1,875.00	\$20.00	\$2,500.00
9	REMOVE CATCHBASIN	2 EA	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$365.00	\$730.00
10	INTAKE, STORM SEWER, SUDAS SW-501	3 EA	\$5,000.00	\$15,000.00	\$3,000.00	\$9,000.00	\$4,000.00	\$12,000.00	\$6,000.00	\$18,000.00
11	INTAKE, STORM SEWER, SUDAS SW-504	1 EA	\$6,500.00	\$6,500.00	\$4,500.00	\$4,500.00	\$8,000.00	\$8,000.00	\$7,500.00	\$7,500.00
12	MANHOLE, STORM SEWER, SUDAS SW-401, 48"	2 EA	\$5,500.00	\$11,000.00	\$5,500.00	\$11,000.00	\$4,000.00	\$8,000.00	\$5,500.00	\$11,000.00
13	CONNECT PIPE TO MANHOLE, 18"	3 EA	\$3,000.00	\$9,000.00	\$2,000.00	\$6,000.00	\$1,200.00	\$3,600.00	\$1,900.00	\$5,700.00
14	SIDEWALK, PCC, 6"	295 SF	\$85.00	\$25,075.00	\$12.00	\$3,540.00	\$85.00	\$25,075.00	\$25.00	\$7,375.00
15	REMOVAL OF PAVEMENT, PCC	760 SY	\$15.00	\$11,400.00	\$8.00	\$6,080.00	\$25.00	\$19,000.00	\$30.00	\$22,800.00
16	ROADWAY, PCC, 8"	725 SY	\$115.00	\$83,375.00	\$85.00	\$61,625.00	\$78.50	\$56,912.50	\$115.00	\$83,375.00
17	VEHICLE PAD, PCC, 6"	153 SY	\$80.00	\$12,240.00	\$90.00	\$13,770.00	\$89.05	\$13,624.65	\$120.00	\$18,360.00
18	TEMPORARY TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$6,640.00	\$6,640.00	\$10,000.00	\$10,000.00
19	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	259 LF	\$10.00	\$2,590.00	\$14.00	\$3,626.00	\$12.00	\$3,108.00	\$13.20	\$3,418.80
20	PAINTED SYMBOLS AND LEGENDS	1 EACH	\$400.00	\$400.00	\$200.00	\$200.00	\$120.00	\$120.00	\$135.00	\$135.00
21	GROOVES CUT FOR SYMBOLS AND LEGENDS	1 EACH	\$150.00	\$150.00	\$300.00	\$300.00	\$2,300.00	\$2,300.00	\$260.00	\$260.00
22	STORM SEWER GRAVITY MAIN, TRENCHED, 15" RCP	116 LF	\$90.00	\$10,440.00	\$60.00	\$6,960.00	\$75.00	\$8,700.00	\$73.00	\$8,468.00
23	STORM SEWER GRAVITY MAIN, TRENCHED, 18" RCP	85 LF	\$95.00	\$8,075.00	\$90.00	\$7,650.00	\$85.00	\$7,225.00	\$78.00	\$6,630.00
24	FLOODWALL TOE DRAIN, TRENCHED, 8" PVC PERFORATED	135 LF	\$40.00	\$5,400.00	\$50.00	\$6,750.00	\$60.00	\$8,100.00	\$72.00	\$9,720.00
25	FLOODWALL TOE DRAIN, TRENCHED, 8" PVC NON-PERFORATED	45 LF	\$40.00	\$1,800.00	\$65.00	\$2,925.00	\$155.00	\$6,975.00	\$69.40	\$3,123.00
26	FLOODWALL TOE DRAIN CLEANOUT AND VENT, TRENCHED, 8" PVC	2 EA	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,511.00	\$3,022.00
27	SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL	480 LF	\$8.00	\$3,840.00	\$3.00	\$1,440.00	\$3.00	\$1,440.00	\$3.00	\$1,440.00
28	FILTER SACK INLET PROTECTION	4 EA	\$300.00	\$1,200.00	\$100.00	\$400.00	\$175.00	\$700.00	\$100.00	\$400.00
29	REMOVE FLOODWALL	160 LF	\$200.00	\$32,000.00	\$100.00	\$16,000.00	\$300.00	\$48,000.00	\$565.00	\$90,400.00
30	REMOVE EXISTING GARDEN BED	1 LS	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00
31	CONCRETE FLOODWALL	225 CY	\$3,200.00	\$720,000.00	\$2,300.00	\$517,500.00	\$2,600.00	\$585,000.00	\$1,750.00	\$393,750.00
32	CONCRETE FLOODWALL FOOTING	298 CY	\$800.00	\$238,400.00	\$500.00	\$149,000.00	\$1,100.00	\$327,800.00	\$1,250.00	\$372,500.00
33	STEEL SHEET PILING	7867 SF	\$90.00	\$708,030.00	\$50.00	\$393,350.00	\$48.00	\$377,616.00	\$36.75	\$289,112.25
34	STEEL CLOSURE GATE	1 LS	\$800,000.00	\$800,000.00	\$400,000.00	\$400,000.00	\$385,000.00	\$385,000.00	\$403,000.00	\$403,000.00
35	GATE TRACKS	1 LS	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00	\$70,000.00	\$70,000.00	\$86,000.00	\$86,000.00
36	GATE SEALS/EMBEDS	1 LS	\$15,000.00	\$15,000.00	\$75,000.00	\$75,000.00	\$90,000.00	\$90,000.00	\$115,000.00	\$115,000.00
37	TREE PROTECTION FENCE	400 LF	\$5.00	\$2,000.00	\$5.00	\$2,000.00	\$4.00	\$1,600.00	\$0.01	\$4.00

WRH, Inc.
South Amana, IA

BID SECURITY
10% Bid Bond

BID PRICE

Cramer and Associates,
Inc.
Grimes, IA

BID SECURITY
10% Bid Bond

BID PRICE

Jasper Construction
Services, Inc.
Newton, IA

BID SECURITY
10% Bid Bond

BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
38	HYDROSEEDING (HIGH PERFORMANCE TURF SEED MIX)	1 LS	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
39	SOD	6 SQ	\$150.00	\$900.00	\$300.00	\$1,800.00	\$500.00	\$3,000.00	\$300.00	\$1,800.00
40	HYDROSEEDING (LEVEE TURF SEED MIX)	1 LS	\$7,000.00	\$7,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
41	RESTORE EXISITING LANDSCAPING BED	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$8,600.00	\$8,600.00	\$6,500.00	\$6,500.00
42	FLOOD CONTINGENCY PLAN	1 LS	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$35,000.00	\$35,000.00
43	CONSTRUCTION SURVEY AND AS-BUILT SURVEY	1 LS	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$7,300.00	\$7,300.00	\$10,000.00	\$10,000.00
44	MOBLIZATION	1 LS	\$388,520.00	\$388,520.00	\$199,000.00	\$199,000.00	\$240,000.00	\$240,000.00	\$380,000.00	\$380,000.00
45	CONCRETE WASHOUT	1 EA	\$4,000.00	\$4,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00
TOTAL CONSTRUCTION COST				\$3,422,545.00		\$2,084,416.00		\$2,466,684.15		\$2,520,402.05
PERCENT OF ENGINEER'S ESTIMATE						-39.10%		-27.93%		-26.36%

Low

TABULATED BY: N. Smith APPROVED BY: *Phillip J. Wagen*
CHECKED BY: *Christopher Kull*

United Contractors, Inc. Johnston, IA	Shekar Engineering, P.L.C. Des Moines, IA
BID SECURITY 10% Bid Bond	BID SECURITY 10% Bid Bond
BID PRICE	BID PRICE

CONTRACTOR'S BID TABULATION
PROJECT: GEORGE FLAGG PARKWAY AND FLEUR DRIVE FLOODGATE CLOSURE

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	CLEARING & GRUBBING	1 LS	\$5,000.00	\$5,000.00	\$770.00	\$770.00	\$15,000.00	\$15,000.00
2	TOPSOIL, ON-SITE (P)	160 CY	\$40.00	\$6,400.00	\$13.00	\$2,080.00	\$11.00	\$1,760.00
3	EXCAVATION, CLASS 10 (IMPERVIOUS LEVEE FILL FROM ONSITE)	1130 CY	\$75.00	\$84,750.00	\$12.25	\$13,842.50	\$16.50	\$18,645.00
4	EXCAVATION, CLASS 10 (PERVIOUS LEVEE FILL INSTALLED FROM EXISTING SUITABLE BORROW ONSITE) (P)	600 CY	\$35.00	\$21,000.00	\$39.00	\$23,400.00	\$11.00	\$6,600.00
5	EXCAVATION, CLASS 10 (ALL EXCESS OR UNSUITABLE FILL TO BE REMOVED TO OFF-SITE) (P)	180 CY	\$40.00	\$7,200.00	\$12.75	\$2,295.00	\$14.30	\$2,574.00
6	SUBGRADE PREPARATION	725 SY	\$6.00	\$4,350.00	\$3.25	\$2,356.25	\$2.20	\$1,595.00
7	MODIFIED SUBBASE, 6" DEPTH	878 SY	\$45.00	\$39,510.00	\$6.25	\$5,487.50	\$14.30	\$12,555.40
8	REMOVE 18" RCP	125 LF	\$100.00	\$12,500.00	\$45.00	\$5,625.00	\$22.00	\$2,750.00
9	REMOVE CATCHBASIN	2 EA	\$3,000.00	\$6,000.00	\$1,400.00	\$2,800.00	\$550.00	\$1,100.00
10	INTAKE, STORM SEWER, SUDAS SW-501	3 EA	\$5,000.00	\$15,000.00	\$7,500.00	\$22,500.00	\$3,300.00	\$9,900.00
11	INTAKE, STORM SEWER, SUDAS SW-504	1 EA	\$6,500.00	\$6,500.00	\$8,100.00	\$8,100.00	\$4,950.00	\$4,950.00
12	MANHOLE, STORM SEWER, SUDAS SW-401, 48"	2 EA	\$5,500.00	\$11,000.00	\$8,500.00	\$17,000.00	\$6,050.00	\$12,100.00
13	CONNECT PIPE TO MANHOLE, 18"	3 EA	\$3,000.00	\$9,000.00	\$3,300.00	\$9,900.00	\$1,870.00	\$5,610.00
14	SIDEWALK, PCC, 6"	295 SF	\$85.00	\$25,075.00	\$85.00	\$25,075.00	\$75.73	\$22,340.35
15	REMOVAL OF PAVEMENT, PCC	760 SY	\$15.00	\$11,400.00	\$11.00	\$8,360.00	\$8.80	\$6,688.00
16	ROADWAY, PCC, 8"	725 SY	\$115.00	\$83,375.00	\$78.50	\$56,912.50	\$103.24	\$74,849.00
17	VEHICLE PAD, PCC, 6"	153 SY	\$80.00	\$12,240.00	\$89.05	\$13,624.65	\$140.13	\$21,439.89
18	TEMPORARY TRAFFIC CONTROL	1 LS	\$40,000.00	\$40,000.00	\$6,640.00	\$6,640.00	\$17,050.00	\$17,050.00
19	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	259 LF	\$10.00	\$2,590.00	\$12.00	\$3,108.00	\$3,418.80	\$885,469.20
20	PAINTED SYMBOLS AND LEGENDS	1 EACH	\$400.00	\$400.00	\$120.00	\$120.00	\$126.50	\$126.50
21	GROOVES CUT FOR SYMBOLS AND LEGENDS	1 EACH	\$150.00	\$150.00	\$230.00	\$230.00	\$247.50	\$247.50
22	STORM SEWER GRAVITY MAIN, TRENCHED, 15" RCP	116 LF	\$90.00	\$10,440.00	\$111.00	\$12,876.00	\$66.00	\$7,656.00
23	STORM SEWER GRAVITY MAIN, TRENCHED, 18" RCP	85 LF	\$95.00	\$8,075.00	\$121.00	\$10,285.00	\$88.00	\$7,480.00
24	FLOODWALL TOE DRAIN, TRENCHED, 8" PVC PERFORATED	135 LF	\$40.00	\$5,400.00	\$110.00	\$14,850.00	\$49.50	\$6,682.50
25	FLOODWALL TOE DRAIN, TRENCHED, 8" PVC NON-PERFORATED	45 LF	\$40.00	\$1,800.00	\$90.00	\$4,050.00	\$66.00	\$2,970.00
26	FLOODWALL TOE DRAIN CLEANOUT AND VENT, TRENCHED, 8" PVC	2 EA	\$1,000.00	\$2,000.00	\$3,200.00	\$6,400.00	\$1,100.00	\$2,200.00
27	SILT FENCE, INSTALLATION, MAINTENANCE, AND REMOVAL	480 LF	\$8.00	\$3,840.00	\$3.00	\$1,440.00	\$3.30	\$1,584.00
28	FILTER SACK INLET PROTECTION	4 EA	\$300.00	\$1,200.00	\$175.00	\$700.00	\$192.50	\$770.00
29	REMOVE FLOODWALL	160 LF	\$200.00	\$32,000.00	\$400.00	\$64,000.00	\$88.00	\$14,080.00
30	REMOVE EXISTING GARDEN BED	1 LS	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00
31	CONCRETE FLOODWALL	225 CY	\$3,200.00	\$720,000.00	\$2,350.00	\$528,750.00	\$1,000.00	\$225,000.00
32	CONCRETE FLOODWALL FOOTING	298 CY	\$800.00	\$238,400.00	\$1,000.00	\$298,000.00	\$1,100.00	\$327,800.00
33	STEEL SHEET PILING	7867 SF	\$90.00	\$708,030.00	\$70.00	\$550,690.00	\$100.00	\$786,700.00
34	STEEL CLOSURE GATE	1 LS	\$800,000.00	\$800,000.00	\$500,000.00	\$500,000.00	\$650,000.00	\$650,000.00
35	GATE TRACKS	1 LS	\$20,000.00	\$20,000.00	\$75,000.00	\$75,000.00	\$97,750.00	\$97,750.00
36	GATE SEALS/EMBEDS	1 LS	\$15,000.00	\$15,000.00	\$95,000.00	\$95,000.00	\$37,500.00	\$37,500.00
37	TREE PROTECTION FENCE	400 LF	\$5.00	\$2,000.00	\$4.00	\$1,600.00	\$4.40	\$1,760.00

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>		<u>UNIT</u>		<u>UNIT</u>	
			<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>	<u>PRICE</u>	<u>AMOUNT</u>
38	HYDROSEEDING (HIGH PERFORMANCE TURF SEED MIX)	1 LS	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00
39	SOD	6 SQ	\$150.00	\$900.00	\$500.00	\$3,000.00	\$550.00	\$3,300.00
40	HYDROSEEDING (LEVEE TURF SEED MIX)	1 LS	\$7,000.00	\$7,000.00	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00
41	RESTORE EXISITING LANDSCAPING BED	1 LS	\$10,000.00	\$10,000.00	\$8,600.00	\$8,600.00	\$8,910.00	\$8,910.00
42	FLOOD CONTINGENCY PLAN	1 LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$179,800.00	\$179,800.00
43	CONSTRUCTION SURVEY AND AS-BUILT SURVEY	1 LS	\$15,000.00	\$15,000.00	\$7,300.00	\$7,300.00	\$15,400.00	\$15,400.00
44	MOBLIZATION	1 LS	\$388,520.00	\$388,520.00	\$175,000.00	\$175,000.00	\$6,050.00	\$6,050.00
45	CONCRETE WASHOUT	1 EA	\$4,000.00	\$4,000.00	\$1,300.00	\$1,300.00	\$1,430.00	\$1,430.00
TOTAL CONSTRUCTION COST				\$3,422,545.00		\$2,612,067.40		\$3,516,972.34
PERCENT OF ENGINEER'S ESTIMATE						-23.68%		+2.76%