



Date January 13, 2025

**ORDERING CONSTRUCTION OF SOUTHEAST CONNECTOR FROM SE 30TH STREET TO US 65
AND FIXING A DATE FOR RECEIVING OF BIDS ON JANUARY 22, 2025
AND PUBLIC HEARING ON FEBRUARY 10, 2025
ENGINEER'S ESTIMATE IS \$60,700,000**

WHEREAS, this Council deems it advisable and necessary to construct the below referenced improvement, all in accordance with the plans and specifications, and has caused to be prepared plans, specifications, and form of contract, together with estimate of cost, which are now on file in the City Engineer's Office, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa 50309, for public inspection for the construction of said improvements, and said plans, specifications and form of contract are deemed suitable for the making of said improvement, for which the State of Iowa Department of Transportation (IDOT) and the City of Des Moines, (CITY) have an agreement, previously approved by this Council, under which the IDOT has agreed to advertise, receive, open and tabulate sealed bids, and

WHEREAS, before said plans, specifications, form of contract, and estimated cost of the improvement may be approved, and contract for the construction of the improvement entered into, it is necessary to hold a public hearing.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

Southeast Connector from SE 30th Street to US 65, Activity ID 062022020
IDOT Project No. HDP-1945(411)--71-77;
IDOT Project No. STP-U-1945(879)--70-77

The improvement includes construction of a steel girder bridge over Fourmile Creek and construction of Portland Cement Concrete (PCC) pavement 10-inches thick on the Southeast Connector, SE 30th Street, SE 36th Street, SE 43rd Street, and Onawa Street with various width pavements and medians, together with the necessary removals, earthwork, clearing, grubbing, erosion control, sidewalks, driveways, recreational trails, pavement subdrains, storm sewers, water mains, traffic control, traffic signals, street lighting, intersection enhancements, and landscaping, all in accordance with the contract documents including Plan File No. 669-001/1056 on the Southeast Connector from SE 30th Street to South Pleasant Hill Boulevard, Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$60,700,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.



Date January 13, 2025

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on February 10, 2025, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the Iowa Department of Transportation, for the construction of said improvements, and the taking of bids in the manner required by law. Proposals received will be opened and tabulated by the Iowa Department of Transportation on January 22, 2025, after which the bids together with a report and recommendation of the Engineer, will be presented to City Council at its next meeting for action thereon.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(Council Communication No. 25-015)

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 104, Southeast Connector, ST256, Being: \$34,000,000 (maximum) in Infrastructure for Rebuilding America (INFA) Federal Grant, being 77% eligible for grading, paving and bridge construction costs under IDOT Project No. HDP-1945(411)--71-77; \$11,284,000 in Federal Surface Transportation Program (STP) funds being 80% eligible for roadway construction costs allocated through Des Moines Area MPO under IDOT Project No. HDP-1945(411)--71-77; \$500,000 from Pleasant Hill for water main construction; \$100,000 from Des Moines Water Works; and the remaining \$14,816,000 in City funds

SLN
PW

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

MOTION CARRIED

APPROVED

Mayor

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.

City Clerk



OPINION OF PROBABLE CONSTRUCTION COSTS - UPDATED PER ADDENDUM NO. 2
 HDP-1945(411)-70-77
 CITY OF DES MOINES
 ENGINEERS ESTIMATE FOR CONSTRUCTION
HALF BUILD - SE 30TH STREET TO PLEASANT HILL BOULEVARD

1/7/2025
SMA

SOUTHEAST CONNECTOR
SE 30TH - US65

Des Moines, Iowa

REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					Participating	Non-Part.		Participating	Non-Part.	
					DSM/ PHILL			DSM/PHILL		
1	2101-086001	CLEARING AND GRUBBING		ACRE	55.6	0.00	\$3,500.00	\$194,600.00		\$194,600.00
2	2102-0426046	SELECTED BACKFILL		CY	12,000.00	0.00	\$15.00	\$180,000.00		\$180,000.00
3	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW		CY	450,137.00	0.00	\$4.25	\$1,913,082.25		\$1,913,082.25
4	2102-2710080	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL		CY	9,000.00	0.00	\$22.00	\$198,000.00		\$198,000.00
5	2104-2710020	EXCAVATION, CLASS 10, CHANNEL		CY	15,000.00	0.00	\$10.00	\$150,000.00		\$150,000.00
6	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD		CY	101,163.00	0.00	\$6.75	\$682,850.25		\$682,850.25
7	2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL		CY	450,137.00	0.00	\$0.25	\$112,534.25		\$112,534.25
8	2113-0001100	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID		SY	10,000.00	0.00	\$3.00	\$30,000.00		\$30,000.00
9	2115-0100000	MODIFIED SUBBASE		CY	37,900.50	0.00	\$47.00	\$1,781,323.50		\$1,781,323.50
10	2121-7425010	GRANULAR SHOULDERS, TYPE A		TON	429.30	0.00	\$25.00	\$10,732.50		\$10,732.50
11	2121-7425011	GRANULAR SHOULDER TYPE A, PLACE ONLY		TON	67.20	0.00	\$54.00	\$3,628.80		\$3,628.80
12	2123-7450020	SHOULDER FINISHING, EARTH		STA	360.50	0.00	\$260.00	\$98,930.00		\$98,930.00
13	2210-0475290	MACADAM STONE BASE		TON	1,004.80	0.00	\$32.00	\$32,153.60		\$32,153.60
14	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING		CY	1,107.70	0.00	\$23.00	\$25,477.10		\$25,477.10
15	2213-7100400	RELOCATION OF MAIL BOXES		EACH	9.00	0.00	\$350.00	\$3,150.00		\$3,150.00
16	2213-8202085	BASE WIDENING, 8.5 IN. PORTLAND CEMENT CONCRETE		SY	2,953.70	0.00	\$77.00	\$227,434.90		\$227,434.90
17	2301-0688550	BRIDGE APPROACH PAVEMENT, AS PER PLAN STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3		SY	887.70	0.00	\$290.00	\$257,433.00		\$257,433.00
18	2301-1033060	DURABILITY, 6 IN. STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3		SY	3,128.30	0.00	\$67.00	\$209,462.10		\$209,462.10
19	2301-1033100	DURABILITY, 10 IN.		SY	86,795.10	0.00	\$75.00	\$6,509,632.50		\$6,509,632.50
20	2301-4874006	MEDIAN, DOWELLED P.C. CONCRETE, AS PER PLAN		SY	189.30	0.00	\$126.00	\$23,851.80		\$23,851.80
21	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)		LS	1.00	0.00	\$5,000.00	\$5,000.00		\$5,000.00
22	2301-7000110			EACH	96,910.00	0.00	\$1.00	\$96,910.00		\$96,910.00
23	2303-1042600	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT		TON	325.70	0.00	\$66.00	\$21,496.20		\$21,496.20
24	2303-1043500			TON	488.50	0.00	\$78.00	\$38,103.00		\$38,103.00
25	2303-1268284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC		TON	48.90	0.00	\$740.00	\$36,186.00		\$36,186.00
26	2304-0101000	TEMPORARY PAVEMENT		SY	1,050.00	0.00	\$75.00	\$78,750.00		\$78,750.00
27	2312-8260061	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)		TON	721.40	0.00	\$33.00	\$23,806.20		\$23,806.20
28	2317-7000110			EACH	100,000.00	0.00	\$1.00	\$100,000.00		\$100,000.00
29	2402-2720000	EXCAVATION, CLASS 20		CY	3,119.00	0.00	\$28.00	\$81,094.00		\$81,094.00
30	2402-2721000	EXCAVATION, CLASS 21		CY	2,089.00	0.00	\$25.00	\$54,314.00		\$54,314.00
31	2403-0100000	STRUCTURAL CONCRETE (MISCELLANEOUS)		CY	66.00	0.00	\$900.00	\$59,400.00		\$59,400.00
32	2403-0100010	STRUCTURAL CONCRETE (BRIDGE)		CY	2,812.00	0.00	\$900.00	\$2,530,800.00		\$2,530,800.00
33	2403-1000005	FIBER REINFORCEMENT FOR STRUCTURAL CONCRETE		CY	2,040.60	0.00	\$275.00	\$561,165.00		\$561,165.00
34	2403-1000010	TRIAL BATCH AND TEST PLACEMENT (FIBER REINFORCED CONCRETE)		LS	1.00	0.00	\$5,000.00	\$5,000.00		\$5,000.00
35	2403-7000210	HIGH PERFORMANCE STRUCTURAL CONCRETE		CY	2,560.30	0.00	\$880.00	\$2,253,064.00		\$2,253,064.00
36	2404-7775000	REINFORCING STEEL		LB	416,284.00	0.00	\$1.76	\$732,659.84		\$732,659.84
37	2404-7775005	REINFORCING STEEL, EPOXY COATED		LB	1,102,521.00	0.00	\$1.65	\$1,819,159.65		\$1,819,159.65
38	2404-7775009	REINFORCING STEEL, STAINLESS STEEL		LB	27,660.00	0.00	\$4.55	\$125,853.00		\$125,853.00
39	2408-7800000	STRUCTURAL STEEL		LB	4,362,013.00	0.00	\$2.50	\$10,905,032.50		\$10,905,032.50
40	2408-8000000	GIRDER ERECTION PLAN		LS	1.00	0.00	\$15,000.00	\$15,000.00		\$15,000.00
41	2412-0000100	LONGITUDINAL GROOVING IN CONCRETE, BRIDGE DECK		SY	5,561.10	0.00	\$6.38	\$35,479.82		\$35,479.82
42	2414-6424038	CONCRETE BARRIER RAIL, 3'-6"		LF	245.00	0.00	\$99.00	\$24,255.00		\$24,255.00
43	2414-6424110	CONCRETE BARRIER RAILING		LF	1,340.60	0.00	\$125.73	\$168,553.64		\$168,553.64
44	2414-6425410	CONCRETE BARRIER, REINFORCED, SEPARATION		LF	1,517.70	0.00	\$85.00	\$129,004.50		\$129,004.50



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1/7/2025
SMA

SOUTHEAST CONNECTOR
SE 30TH - US65

Des Moines, Iowa

REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					DIVISION I Participating	DIVISION II Non-Part.		DIVISION I Participating	DIVISION II Non-Part.	
					DSM/ PHILL			DSM/PHILL		
45	2414-6425420	CONCRETE BARRIER, PARAPET		LF	1,585.00	0.00	\$100.00	\$158,560.00		\$158,560.00
46	2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING		LF	1,590.00	0.00	\$134.21	\$213,393.90		\$213,393.90
47	2416-0100015	APRONS, CONCRETE, 15 IN. DIA.		EACH	10.00	0.00	\$2,100.00	\$21,000.00		\$21,000.00
48	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.		EACH	9.00	0.00	\$2,100.00	\$18,900.00		\$18,900.00
49	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.		EACH	6.00	0.00	\$2,100.00	\$12,600.00		\$12,600.00
50	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.		EACH	2.00	0.00	\$2,800.00	\$5,600.00		\$5,600.00
51	2416-0100042	APRONS, CONCRETE, 42 IN. DIA.		EACH	2.00	0.00	\$3,300.00	\$6,600.00		\$6,600.00
52	2416-0100048	APRONS, CONCRETE, 48 IN. DIA.		EACH	4.00	0.00	\$4,500.00	\$18,000.00		\$18,000.00
53	2416-0100054	APRONS, CONCRETE, 54 IN. DIA.		EACH	2.00	0.00	\$5,500.00	\$11,000.00		\$11,000.00
54	2434-0000100	DISC BEARING ASSEMBLIES		EACH	40.00	0.00	\$15,200.00	\$608,000.00		\$608,000.00
55	2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 IN.		EACH	7.00	0.00	\$6,000.00	\$42,000.00		\$42,000.00
56	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.		EACH	19.00	0.00	\$9,500.00	\$180,500.00		\$180,500.00
57	2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 IN.		EACH	6.00	0.00	\$9,500.00	\$57,000.00		\$57,000.00
58	2435-0140184	MANHOLE, STORM SEWER, SW-401, 84 IN.		EACH	2.00	0.00	\$15,000.00	\$30,000.00		\$30,000.00
59	2436-0140200	MANHOLE, STORM SEWER, SW-402		EACH	1.00	0.00	\$16,750.00	\$16,750.00		\$16,750.00
60	2436-0140300	MANHOLE, STORM SEWER, SW-403		EACH	1.00	0.00	\$15,000.00	\$15,000.00		\$15,000.00
61	2436-0140400	MANHOLE, STORM SEWER, SW-404		EACH	6.00	0.00	\$17,000.00	\$102,000.00		\$102,000.00
62	2436-0140500	MANHOLE, STORM SEWER, SW-405		EACH	1.00	0.00	\$19,000.00	\$19,000.00		\$19,000.00
63	2436-0250100	INTAKE, SW-501		EACH	2.00	0.00	\$5,500.00	\$11,000.00		\$11,000.00
64	2436-0250284	INTAKE, SW-502, 84 IN.		EACH	2.00	0.00	\$9,500.00	\$19,000.00		\$19,000.00
65	2436-0250600	INTAKE, SW-505		EACH	50.00	0.00	\$8,500.00	\$425,000.00		\$425,000.00
66	2436-0250600	INTAKE, SW-506		EACH	9.00	0.00	\$12,500.00	\$112,500.00		\$112,500.00
67	2436-0250700	INTAKE, SW-507		EACH	9.00	0.00	\$8,500.00	\$76,500.00		\$76,500.00
68	2436-0250900	INTAKE, SW-509		EACH	70.00	0.00	\$8,600.00	\$602,000.00		\$602,000.00
69	2436-0251000	INTAKE, SW-510		EACH	7.00	0.00	\$9,500.00	\$66,500.00		\$66,500.00
70	2436-0251100	INTAKE, SW-511		EACH	1.00	0.00	\$5,500.00	\$5,500.00		\$5,500.00
71	2436-0251224	INTAKE, SW-512, 24 IN.		EACH	16.00	0.00	\$3,500.00	\$56,000.00		\$56,000.00
72	2436-0251230	INTAKE, SW-512, 30 IN.		EACH	2.00	0.00	\$4,000.00	\$8,000.00		\$8,000.00
73	2436-0600010	MANHOLE ADJUSTMENT, MINOR		EACH	3.00	0.00	\$3,000.00	\$9,000.00		\$9,000.00
74	2436-0600020	MANHOLE ADJUSTMENT, MAJOR		EACH	7.00	0.00	\$4,500.00	\$31,500.00		\$31,500.00
75	2436-0700010	CONNECTION TO EXISTING MANHOLE		EACH	4.00	0.00	\$2,000.00	\$8,000.00		\$8,000.00
76	2436-0700020	CONNECTION TO EXISTING INTAKE		EACH	1.00	0.00	\$2,500.00	\$2,500.00		\$2,500.00
77	2499-2300001	DECK DRAINS		LS	1.00	0.00	\$120,000.00	\$120,000.00		\$120,000.00
78	2499-3000000	MODULAR EXPANSION JOINT ASSEMBLY		LF	135.60	0.00	\$2,700.00	\$366,660.00		\$366,660.00
79	2499-3000100	MODULAR EXPANSION JOINT ASSEMBLY LEAK TESTING		EACH	2.00	0.00	\$2,500.00	\$5,000.00		\$5,000.00
80	2501-0201473	PILES, STEEL, HP 14 X 73		LF	4,940.00	0.00	\$75.25	\$371,735.00		\$371,735.00
81	2501-0201617	PILES, STEEL, HP 14 X 117		LF	15,025.00	0.00	\$122.00	\$1,833,050.00		\$1,833,050.00
82	2501-6775000	PILES, STEEL SHEET		SF	2,260.00	0.00	\$200.00	\$452,000.00		\$452,000.00
83	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.		LF	24,875.00	0.00	\$10.00	\$248,750.00		\$248,750.00
84	2502-8221006	SUBDRAIN RISER, 6 IN., AS PER PLAN		EACH	13.00	0.00	\$1,200.00	\$15,600.00		\$15,600.00
85	2602-8221303	SUBDRAIN OUTLET, DR-303		EACH	318.00	0.00	\$300.00	\$95,400.00		\$95,400.00
86	2502-8221306	SUBDRAIN OUTLET, DR-306		EACH	5.00	0.00	\$1,500.00	\$7,500.00		\$7,500.00
87	2603-0110015	STORM SEWER GRAVITY MAIN, TRENCHED, 15 IN.		LF	1,215.00	0.00	\$80.00	\$97,200.00		\$97,200.00
88	2603-0110018	STORM SEWER GRAVITY MAIN, TRENCHED, 18 IN.		LF	10,003.00	0.00	\$88.00	\$880,264.00		\$880,264.00
89	2603-0110024	STORM SEWER GRAVITY MAIN, TRENCHED, 24 IN.		LF	2,757.00	0.00	\$150.00	\$413,550.00		\$413,550.00
90	2603-0110030	STORM SEWER GRAVITY MAIN, TRENCHED, 30 IN.		LF	2,347.00	0.00	\$160.00	\$375,520.00		\$375,520.00



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HDP-1945(411)-70-77

CITY OF DES MOINES
ENGINEERS ESTIMATE FOR CONSTRUCTION

SOUTHEAST CONNECTOR

HALF BUILD - SE 30TH STREET TO PLEASANT HILL BOULEVARD

SE 30TH - US65

Des Moines, Iowa

TOTAL ESTIMATED QUANTITIES

REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					DIVISION I Participating	DIVISION II Non-Part.		DIVISION I Participating	DIVISION II Non-Part.	
					DSM/ PHILL			DSM/PHILL		
91	2603-0110036	STORM SEWER GRAVITY MAIN, TRENCHED, 36 IN.		LF	3,974.00	0.00	\$168.00	\$667,632.00		\$667,632.00
92	2603-0110042	STORM SEWER GRAVITY MAIN, TRENCHED, 42 IN.		LF	848.00	0.00	\$185.00	\$156,880.00		\$156,880.00
93	2603-0110048	STORM SEWER GRAVITY MAIN, TRENCHED, 48 IN.		LF	843.00	0.00	\$195.00	\$164,385.00		\$164,385.00
94	2603-0110054	STORM SEWER GRAVITY MAIN, TRENCHED, 54 IN.		LF	170.00	0.00	\$225.00	\$38,250.00		\$38,250.00
95	2603-0111018	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.		LF	495.60	0.00	\$110.00	\$54,516.00		\$54,516.00
96	2603-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.		LF	1,365.00	0.00	\$24.00	\$32,760.00		\$32,760.00
97	2603-0200136	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.		LF	95.00	0.00	\$25.00	\$2,375.00		\$2,375.00
98	2604-0110024	SANITARY SEWER GRAVITY MAIN, TRENCHED, 24 IN.		LF	80.00	0.00	\$200.00	\$16,000.00		\$16,000.00
99	2504-0220000	SANITARY SEWER SERVICE RELOCATION		EACH	2.00	0.00	\$2,300.00	\$4,600.00		\$4,600.00
100	2604-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.		LF	80.00	0.00	\$18.00	\$1,440.00		\$1,440.00
101	2606-4008120	REMOVAL OF STEEL BEAM GUARDRAIL		LF	170.00	0.00	\$15.00	\$2,550.00		\$2,550.00
102	2606-4984000	FLOWABLE MORTAR		CY	100.00	0.00	\$275.00	\$27,500.00		\$27,500.00
103	2507-2538650	BRIDGE WING ARMORING - EROSION STONE		SY	60.40	0.00	\$120.00	\$7,248.00		\$7,248.00
104	2607-3260006	ENGINEERING FABRIC		SY	11,209.10	0.00	\$3.50	\$39,231.85		\$39,231.85
105	2607-4011100	CONCRETE GROUT FOR REVETMENT OR GABION		CY	105.00	0.00	\$350.00	\$36,750.00		\$36,750.00
106	2607-6800021	REVTMENT, CLASS B		TON	569.00	0.00	\$60.00	\$34,140.00		\$34,140.00
107	2607-6800061	REVTMENT, CLASS E		TON	6,761.00	0.00	\$50.00	\$338,050.00		\$338,050.00
108	2610-6746850	REMOVAL OF PAVEMENT		SY	47,303.50	0.00	\$12.00	\$567,642.00		\$567,642.00
109	2610-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES		EACH	12.00	0.00	\$750.00	\$9,000.00		\$9,000.00
110	2611-0302600	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.		SY	15,203.60	0.00	\$48.00	\$729,772.80		\$729,772.80
111	2611-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL		STA	118.00	0.00	\$350.00	\$41,300.00		\$41,300.00
112	2611-6746500	REMOVAL OF SIDEWALK		SY	1,315.00	0.00	\$15.00	\$19,725.00		\$19,725.00
113	2611-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.		SY	3,202.50	0.00	\$75.00	\$240,187.50		\$240,187.50
114	2611-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.		SY	92.80	0.00	\$100.00	\$9,280.00		\$9,280.00
115	2611-7528101	DETECTABLE WARNINGS		SF	470.00	0.00	\$60.00	\$28,200.00		\$28,200.00
116	2615-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.		SY	152.90	0.00	\$78.00	\$11,926.20		\$11,926.20
117	2615-2476008	DRIVEWAY, P.C. CONCRETE, 8 IN.		SY	2,599.10	0.00	\$100.00	\$259,910.00		\$259,910.00
118	2615-6746500	REMOVAL OF PAVED DRIVEWAY		SY	2,779.00	0.00	\$13.00	\$36,127.00		\$36,127.00
119	2619-1001000	FENCE, CHAIN LINK, VINYL COATED	72 IN. HEIGHT	LF	285.00	0.00	\$45.00	\$12,825.00		\$12,825.00
120	2619-1002072	FENCE, CHAIN LINK, 72 IN. HEIGHT		LF	2,100.80	0.00	\$45.00	\$94,536.00		\$94,536.00
121	2619-1003072	FENCE, CHAIN LINK WITH SECURITY TOP, 72 IN. HEIGHT		LF	112.00	0.00	\$50.00	\$5,600.00		\$5,600.00
122	2619-3280000	FENCE, FIELD		LF	13,022.10	0.00	\$5.25	\$68,366.03		\$68,366.03
123	2619-3300400	FIELD FENCE BRACE PANELS		EACH	124.00	0.00	\$290.00	\$35,960.00		\$35,960.00
124	2619-3300600	FENCE, SAFETY		LF	4,000.00	0.00	\$5.00	\$20,000.00		\$20,000.00
125	2619-3300700	FENCE, TEMPORARY		LF	6,923.50	0.00	\$5.00	\$34,617.50		\$34,617.50
126	2619-3710000	GATE ASSEMBLY, CHAIN LINK,	16 FT.	EACH	1.00	0.00	\$2,500.00	\$2,500.00		\$2,500.00
127	2619-3710000	GATE ASSEMBLY, CHAIN LINK,	24 FT.	EACH	2.00	0.00	\$2,500.00	\$5,000.00		\$5,000.00
128	2619-3750024	GATE, FIELD FENCE, 24 FT.		EACH	4.00	0.00	\$4,500.00	\$18,000.00		\$18,000.00
129	2619-4200120	REMOVAL OF FENCE, CHAIN LINK		LF	4,833.80	0.00	\$7.00	\$33,836.60		\$33,836.60
130	2619-4200140	REMOVAL OF FENCE, FIELD		LF	5,778.10	0.00	\$3.50	\$20,223.35		\$20,223.35
131	2619-4200190	REMOVAL OF FENCE,	METAL PANEL	LF	3,452.20	0.00	\$12.00	\$41,426.40		\$41,426.40
132	2620-3350015	FIELD OFFICE		EACH	1.00	0.00	\$14,000.00	\$14,000.00		\$14,000.00
133	2624-6765210	REMOVAL OF TYPE A SIGN ASSEMBLY		EACH	53.00	0.00	\$250.00	\$13,250.00		\$13,250.00
134	2624-9276010	PERFORATED SQUARE STEEL TUBE POSTS		LF	984.00	0.00	\$20.00	\$19,680.00		\$19,680.00
135	2624-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION		EACH	82.00	0.00	\$185.00	\$15,170.00		\$15,170.00
136	2624-9325001	TYPE A SIGNS, SHEET ALUMINUM		SF	729.00	0.00	\$27.00	\$19,683.00		\$19,683.00

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OPINION OF PROBABLE CONSTRUCTION COSTS - UPDATED PER ADDENDUM NO. 2
 HDP-1945(411)-70-77
 CITY OF DES MOINES
 ENGINEERS ESTIMATE FOR CONSTRUCTION
HALF BUILD - SE 30TH STREET TO PLEASANT HILL BOULEVARD

1/7/2025
SMA

SOUTHEAST CONNECTOR
SE 30TH - US65

Des Moines, Iowa

REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					Participating	Non-Part.		Participating	Non-Part.	
					DSM PHILL			DSM/PHILL		
137	2525-0000100	TRAFFIC SIGNALIZATION		LS	1.00	0.00	\$1,500,000.00	\$1,500,000.00		\$1,500,000.00
138	2527-9263168	PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING TAPE		EACH	94.00	0.00	\$850.00	\$79,900.00		\$79,900.00
139	2527-9263181	PAVEMENT MARKINGS REMOVED		STA	62.04	0.00	\$150.00	\$9,306.00		\$9,306.00
140	2527-9263190	SYMBOLS AND LEGENDS REMOVED		EACH	4.00	0.00	\$175.00	\$700.00		\$700.00
141	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED		STA	465.23	0.00	\$60.00	\$27,913.80		\$27,913.80
142	2527-9263226	PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE		STA	458.05	0.00	\$550.00	\$251,927.50		\$251,927.50
143	2527-9263231	REMOVABLE TAPE MARKINGS, WET RETROREFLECTIVE		STA	34.57	0.00	\$350.00	\$12,099.50		\$12,099.50
144	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS		STA	465.24	0.00	\$40.00	\$18,609.60		\$18,609.60
145	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS		EACH	94.00	0.00	\$225.00	\$21,150.00		\$21,150.00
146	2528-2618000	SAFETY CLOSURE		EACH	15.00	0.00	\$215.00	\$3,225.00		\$3,225.00
147	2528-2518182	PERMANENT ROAD CLOSURE, URBAN, SI-182		EACH	2.00	0.00	\$1,500.00	\$3,000.00		\$3,000.00
148	2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE		LF	762.50	0.00	\$25.00	\$19,062.50		\$19,062.50
149	2528-8400256	TEMPORARY TRAFFIC SIGNALS		EACH	2.00	0.00	\$14,000.00	\$28,000.00		\$28,000.00
150	2528-8445110	TRAFFIC CONTROL		LS	1.00	0.00	\$75,000.00	\$75,000.00		\$75,000.00
151	2528-8445113	FLAGGERS		EACH	40.00	0.00	\$570.00	\$22,800.00		\$22,800.00
152	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)		CDAY	105.00	0.00	\$85.00	\$8,925.00		\$8,925.00
153	2529-6070110	PATCHES, FULL-DEPTH FINISH, BY AREA		SY	136.00	0.00	\$225.00	\$30,600.00		\$30,600.00
154	2529-6070120	PATCHES, FULL-DEPTH FINISH, BY COUNT		EACH	2.00	0.00	\$250.00	\$500.00		\$500.00
155	2533-4980005	MOBILIZATION		LS	1.00	0.00	\$3,018,148.08	\$3,018,148.08		\$3,018,148.08
156	2561-0000110	TEMP CRASH CUSHION		EACH	1.00	0.00	\$1,300.00	\$1,300.00		\$1,300.00
157	2561-0000230	PERMANENT CRASH CUSHION, SEVERE USE (SU)		EACH	4.00	0.00	\$30,000.00	\$120,000.00		\$120,000.00
158	2564-0112006	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.		LF	0.00	715.00	\$200.00	\$0.00	\$143,000.00	\$143,000.00
159	2564-0112012	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.		LF	0.00	415.00	\$250.00	\$0.00	\$103,750.00	\$103,750.00
160	2564-0112024	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.		LF	420.00	0.00	\$800.00	\$336,000.00	\$0.00	\$336,000.00
161	2564-0112030	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.		LF	100.00	0.00	\$1,200.00	\$120,000.00	\$0.00	\$120,000.00
162	2564-0114008	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.		LF	550.00	360.00	\$200.00	\$110,000.00	\$72,000.00	\$182,000.00
163	2564-0114012	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.		LF	0.00	625.00	\$200.00	\$0.00	\$125,000.00	\$125,000.00
164	2564-0132008	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.		LF	0.00	20.00	\$500.00	\$0.00	\$10,000.00	\$10,000.00
165	2564-0132012	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.		LF	0.00	20.00	\$500.00	\$0.00	\$10,000.00	\$10,000.00
166	2564-0144012	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.		LF	0.00	107.00	\$650.00	\$0.00	\$69,550.00	\$69,550.00
167	2564-0203000	FITTINGS BY WEIGHT, DUCTILE IRON		LB	6,712.00	4,800.00	\$20.00	\$134,240.00	\$96,000.00	\$230,240.00
168	2564-0207008	VALVE, GATE, DIP, 8 IN.		EACH	1.00	5.00	\$4,000.00	\$4,000.00	\$20,000.00	\$24,000.00
169	2564-0207012	VALVE, GATE, DIP, 12 IN.		EACH	0.00	8.00	\$6,000.00	\$0.00	\$48,000.00	\$48,000.00
170	2564-0210201	FIRE HYDRANT ASSEMBLY, WM-201		EACH	0.00	3.00	\$10,000.00	\$0.00	\$30,000.00	\$30,000.00
171	2564-0212020	VALVE BOX EXTENSION		EACH	10.00	0.00	\$400.00	\$4,000.00	\$0.00	\$4,000.00
172	2596-0006106	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR BNSF RAILWAY CO.		LS	0.00	1.00	\$25,000.00	\$0.00	\$25,000.00	\$25,000.00
173	2596-0006145	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR NORFOLK SOUTHERN RAILWAY CO.		LS	0.00	1.00	\$25,000.00	\$0.00	\$25,000.00	\$25,000.00
174	2599-9999002	(CALENDAR DAYS' ITEM)	RAILROAD PROTECTIVE SERVICES	CDAY	0.00	300.00	\$250.00	\$0.00	\$75,000.00	\$75,000.00
175	2599-9999003	(CUBIC YARDS' ITEM)	EXCAVATION, CLASS 10, LIME PILE RECONFIGURATION	CY	163,378.00	0.00	\$10.00	\$1,633,780.00	\$0.00	\$1,633,780.00
176	2599-9999003	(CUBIC YARDS' ITEM)	EXCAVATION, CLASS 10, MIXED COMPOST AND PLASTIC DISPOSAL	CY	22,000.00	0.00	\$15.85	\$348,700.00	\$0.00	\$348,700.00
177	2599-9999003	(CUBIC YARDS' ITEM)	EXCAVATION, CLASS 10, ROADWAY AND BORROW, LEVEE INSPECTION TRENCH	CY	8,264.00	0.00	\$10.00	\$82,640.00	\$0.00	\$82,640.00
178	2599-9999003	(CUBIC YARDS' ITEM)	ON-SITE RUBBLE RELOCATION AND PLACEMENT	CY	12,081.00	0.00	\$20.00	\$241,620.00	\$0.00	\$241,620.00
179	2599-9999003	(CUBIC YARDS' ITEM)	SALVAGE AND RE-USE GRAVEL ROADWAY	CY	3,025.00	0.00	\$15.00	\$45,375.00	\$0.00	\$45,375.00
180	2599-9999005	(EACH' ITEM)	1" WATER SERVICE TRANSFER (OPPOSITE SIDE)	EACH	5.00	0.00	\$6,500.00	\$32,500.00	\$0.00	\$32,500.00
181	2599-9999005	(EACH' ITEM)	1" WATER SERVICE TRANSFER (SAME SIDE)	EACH	5.00	0.00	\$4,500.00	\$22,500.00	\$0.00	\$22,500.00
182	2599-9999005	(EACH' ITEM)	32 LB MAGNESIUM ANODE	EACH	30.00	16.00	\$1,000.00	\$30,000.00	\$16,000.00	\$46,000.00
183	2599-9999005	(EACH' ITEM)	CONCRETE PLUG, PRECAST	EACH	20.00	0.00	\$500.00	\$10,000.00	\$0.00	\$10,000.00



OPINION OF PROBABLE CONSTRUCTION COSTS - **UPDATED PER ADDENDUM NO. 2**
HDP-1945(411)-70-77

CITY OF DES MOINES
ENGINEERS ESTIMATE FOR CONSTRUCTION

SOUTHEAST CONNECTOR

HALF BUILD - SE 30TH STREET TO PLEASANT HILL BOULEVARD

SE 30TH - US65

Des Moines, Iowa

TOTAL ESTIMATED QUANTITIES

REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					DIVISION I	DIVISION II		DIVISION I	DIVISION II	
					Participating	Non-Part.		Participating	Non-Part.	
					DSW PHILL			DSWPHILL		
184	2599-999005	(EACH ITEM)	DEWATERING	EACH	250.00	0.00	\$750.00	\$187,500.00	\$0.00	\$187,500.00
185	2599-999006	(EACH ITEM)	FIRE HYDRANT ASSEMBLY WITH 24 IN. DIAMETER TANGENTIAL TEE	EACH	1.00	0.00	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00
186	2599-999005	(EACH ITEM)	FIRE HYDRANT ASSEMBLY, REPLACE AND RELOCATE FIRE HYDRANT WITH EXISTING ASSEMBLY	EACH	0.00	3.00	\$7,000.00	\$0.00	\$21,000.00	\$21,000.00
187	2599-999005	(EACH ITEM)	FIRE HYDRANT ASSEMBLY, SALVAGE AND RELOCATE FIRE HYDRANT WITH EXISTING ASSEMBLY	EACH	0.00	1.00	\$5,000.00	\$0.00	\$5,000.00	\$5,000.00
188	2599-999005	(EACH ITEM)	FIRE HYDRANT ASSEMBLY, SALVAGE AND RELOCATE FIRE HYDRANT WITH NEW ASSEMBLY	EACH	0.00	1.00	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00
189	2599-999006	(EACH ITEM)	MASONRY MONUMENT REMOVAL	EACH	4.00	0.00	\$3,000.00	\$12,000.00	\$0.00	\$12,000.00
190	2599-999005	(EACH ITEM)	POTHOLING	EACH	40.00	0.00	\$1,000.00	\$40,000.00	\$0.00	\$40,000.00
191	2599-999005	(EACH ITEM)	PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE	EACH	0.00	1.00	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00
192	2599-999006	(EACH ITEM)	TAPPING SLEEVE AND VALVE BY CONTRACTOR, 24" by 12" WITH 12" VALVE	EACH	1.00	0.00	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00
193	2599-999006	(EACH ITEM)	TEMPORARY SPEED CUSHION	EACH	12.00	0.00	\$2,500.00	\$30,000.00	\$0.00	\$30,000.00
194	2599-999005	(EACH ITEM)	TREE DRAINAGE WELL	EACH	35.00	0.00	\$75.00	\$2,625.00	\$0.00	\$2,625.00
196	2599-999009	(LINEAR FEET ITEM)	FENCE, CHAIN LINK, BLACK VINYL, 96 IN. HEIGHT, CURVED TOP	LF	350.00	0.00	\$55.00	\$19,250.00	\$0.00	\$19,250.00
196	2599-999009	(LINEAR FEET ITEM)	FENCING, METAL PANEL	LF	6,986.60	0.00	\$75.00	\$523,995.00	\$0.00	\$523,995.00
197	2599-999009	(LINEAR FEET ITEM)	WATER MAIN REMOVAL AND DISPOSAL, 12 IN.	LF	0.00	100.00	\$40.00	\$0.00	\$4,000.00	\$4,000.00
198	2599-999009	(LINEAR FEET ITEM)	WATER MAIN REMOVAL AND DISPOSAL, 24 IN.	LF	50.00	0.00	\$150.00	\$7,500.00	\$0.00	\$7,500.00
199	2599-999009	(LINEAR FEET ITEM)	WATER MAIN REMOVAL AND DISPOSAL, 30 IN.	LF	100.00	0.00	\$150.00	\$15,000.00	\$0.00	\$15,000.00
200	2599-999009	(LINEAR FEET ITEM)	WATER MAIN REMOVAL AND DISPOSAL, 8 IN.	LF	0.00	600.00	\$30.00	\$0.00	\$18,000.00	\$18,000.00
201	2599-999010	(LUMP SUM ITEM)	FLOOD CONTINGENCY PLAN	LS	1.00	0.00	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00
202	2599-999010	(LUMP SUM ITEM)	MAINTENANCE OF POSTAL SERVICE	LS	1.00	0.00	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00
203	2599-999010	(LUMP SUM ITEM)	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1.00	0.00	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00
204	2599-999010	(LUMP SUM ITEM)	METER VAULT REMOVAL AND DISPOSAL	LS	0.00	1.00	\$10,000.00	\$0.00	\$10,000.00	\$10,000.00
205	2599-999010	(LUMP SUM ITEM)	MODIFY EXISTING GATEWELL	LS	1.00	0.00	\$7,500.00	\$7,500.00	\$0.00	\$7,500.00
206	2599-999010	(LUMP SUM ITEM)	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR LANDUS PRIVATE TRACK SPUR	LS	0.00	1.00	\$7,500.00	\$0.00	\$7,500.00	\$7,500.00
207	2599-999010	(LUMP SUM ITEM)	RAILROAD TRACK SAFETY PROGRAM AND SAFETY ACTION PLAN	LS	0.00	1.00	\$8,500.00	\$0.00	\$8,500.00	\$8,500.00
208	2599-999010	(LUMP SUM ITEM)	REMOVAL OF SCRAP EQUIPMENT	LS	1.00	0.00	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00
209	2599-999010	(LUMP SUM ITEM)	ROADWAY ELECTRICAL	LS	1.00	0.00	\$817,000.00	\$817,000.00	\$0.00	\$817,000.00
210	2599-999010	(LUMP SUM ITEM)	ROADWAY LIGHTING	LS	1.00	0.00	\$1,761,603.00	\$1,761,603.00	\$0.00	\$1,761,603.00
211	2599-999010	(LUMP SUM ITEM)	SANITARY SEWER GATEWELL STRUCTURE	LS	1.00	0.00	\$500,000.00	\$500,000.00	\$0.00	\$500,000.00
212	2599-999010	(LUMP SUM ITEM)	STOPLOG CLOSURE	LS	1.00	0.00	\$250,000.00	\$250,000.00	\$0.00	\$250,000.00
213	2599-999010	(LUMP SUM ITEM)	STORMWATER POLLUTION PREVENTION PLAN AND MAINTENANCE	LS	1.00	0.00	\$25,000.00	\$25,000.00	\$0.00	\$25,000.00
214	2599-999010	(LUMP SUM ITEM)	WATER SERVICE TRANSFER, TRENCHED, 4-IN., 607 SE 30th ST, OFF HOURS	LS	0.00	1.00	\$10,000.00	\$0.00	\$10,000.00	\$10,000.00
216	2599-999010	(LUMP SUM ITEM)	WATER SERVICE TRANSFER, TRENCHED, COPPER, 1-IN, 3000 SCOTT AVE	LS	0.00	1.00	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00
216	2599-999014	(SQUARE FEET ITEM)	MANHOLE INTERIOR STRUCTURAL EPOXY LINER	SF	306.60	0.00	\$65.00	\$19,929.00	\$0.00	\$19,929.00
217	2599-999018	(SQUARE YARDS ITEM)	PCC, INTEGRAL COLOR, 9 IN.	SY	464.30	0.00	\$155.00	\$71,966.50	\$0.00	\$71,966.50
218	2599-999018	(SQUARE YARDS ITEM)	RAILROAD APPROACH SECTION, P.C.C.	SY	156.30	0.00	\$175.00	\$27,352.50	\$0.00	\$27,352.50
219	2599-999020	(TONS ITEM)	GRANULAR SURFACING, RECYCLED, INSTALL & REMOVE	TON	500.00	0.00	\$20.00	\$10,000.00	\$0.00	\$10,000.00
220	2599-999020	(TONS ITEM)	HMA RAILROAD CROSSING APPROACH, 16 IN.	TON	105.00	0.00	\$175.00	\$18,375.00	\$0.00	\$18,375.00
221	2599-999020	(TONS ITEM)	HMA RAILROAD UNDERLAYMENT, 8 IN.	TON	170.00	0.00	\$150.00	\$25,500.00	\$0.00	\$25,500.00
222	2599-999020	(TONS ITEM)	SURFACE AND SUBSURFACE RUBBLE REMOVAL	TON	3,000.00	0.00	\$35.00	\$105,000.00	\$0.00	\$105,000.00
223	2601-2633100	MOWING		ACRE	479.00	0.00	\$45.00	\$21,555.00	\$0.00	\$21,555.00
224	2601-2634100	MULCHING		ACRE	92.10	0.00	\$700.00	\$64,470.00	\$0.00	\$64,470.00
225	2601-2634105	MULCHING, BONDED FIBER MATRIX		ACRE	92.10	0.00	\$3,750.00	\$345,375.00	\$0.00	\$345,375.00
226	2601-2636016	NATIVE GRASS SEEDING		ACRE	30.90	0.00	\$1,500.00	\$46,350.00	\$0.00	\$46,350.00
227	2601-2636018	WETLAND GRASS SEEDING		ACRE	8.60	0.00	\$3,750.00	\$32,250.00	\$0.00	\$32,250.00
228	2601-2636044	SEEDING AND FERTILIZING (URBAN)		ACRE	52.70	0.00	\$2,100.00	\$110,670.00	\$0.00	\$110,670.00
229	2601-2636362	SLOPE PROTECTION, WOOD EXCELSIOR MAT		SQ	9,705.00	0.00	\$11.00	\$106,755.00	\$0.00	\$106,755.00
230	2601-2639010	SODDING		SQ	3,242.60	0.00	\$65.00	\$210,769.00	\$0.00	\$210,769.00



OPINION OF PROBABLE CONSTRUCTION COSTS - **UPDATED PER ADDENDUM NO. 2**

HDP-1945(411)-70-77

CITY OF DES MOINES

ENGINEERS ESTIMATE FOR CONSTRUCTION

HALF BUILD - SE 30TH STREET TO PLEASANT HILL BOULEVARD

SOUTHEAST CONNECTOR

SE 30TH - US65

Des Moines, Iowa

TOTAL ESTIMATED QUANTITIES										
REF. NO.	CODE NO.	ITEM	SUPPLEMENTARY DESCRIPTION	UNIT	QUANTITY		PRICE	EXTENDED PRICE		TOTAL EXTENDED PRICE
					DIVISION I	DIVISION II		DIVISION I	DIVISION II	
					Participating	Non-Part.		Participating	Non-Part.	
					DSM	PHILL	DSM/PHILL		PRICE	
231	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)		ACRE	52.70	0.00	\$1,500.00	\$79,050.00		\$79,050.00
232	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION		MGAL	1,945.60	0.00	\$75.00	\$145,920.00		\$145,920.00
233	2601-2643300	MOBILIZATION FOR WATERING		EACH	5.00	0.00	\$450.00	\$2,250.00		\$2,250.00
234	2601-2643414	TURF REINFORCEMENT MAT, TYPE 4		SQ	903.00	0.00	\$223.00	\$201,369.00		\$201,369.00
235	2602-0000020	SILT FENCE		LF	46,621.00	0.00	\$2.00	\$93,242.00		\$93,242.00
236	2602-0000030	SILT FENCE FOR DITCH CHECKS		LF	3,290.00	0.00	\$2.25	\$7,402.50		\$7,402.50
237	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS		LF	3,290.00	0.00	\$0.25	\$822.50		\$822.50
238	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK		LF	3,290.00	0.00	\$0.40	\$1,316.00		\$1,316.00
239	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303		LF	1,000.00	0.00	\$50.00	\$50,000.00		\$50,000.00
240	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.		LF	3,000.00	0.00	\$3.50	\$10,500.00		\$10,500.00
241	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE		LF	3,000.00	0.00	\$0.50	\$1,500.00		\$1,500.00
242	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602		LF	668.00	0.00	\$25.00	\$16,700.00		\$16,700.00
243	2602-0000610	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER		EACH	89.00	0.00	\$45.00	\$4,005.00		\$4,005.00
244	2602-0000620	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER		EACH	89.00	0.00	\$45.00	\$4,005.00		\$4,005.00
245	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604		EACH	147.00	0.00	\$215.00	\$31,605.00		\$31,605.00
246	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG		EACH	147.00	0.00	\$60.00	\$8,820.00		\$8,820.00
247	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG		EACH	147.00	0.00	\$60.00	\$8,820.00		\$8,820.00
248	2602-0010010	MOBILIZATIONS, EROSION CONTROL		EACH	60.00	0.00	\$550.00	\$33,000.00		\$33,000.00
249	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL		EACH	11.00	0.00	\$1,000.00	\$11,000.00		\$11,000.00
250	2610-0000120	TREES		EACH	343.00	0.00	\$700.00	\$240,100.00		\$240,100.00
251	2610-0000400	WATERING FOR PLANTS		MGAL	227.00	0.00	\$145.00	\$32,915.00		\$32,915.00
								\$59,729,700.00	\$970,300.00	\$60,700,000.00

Grading	\$10,143,928.93
Storm Sewer	\$5,446,032.00
Bridge	\$23,664,731.85
Paving	\$9,902,034.30
Sidewalk & Trail	\$1,048,740.30
Landscaping	\$390,045.00
Traffic Control & Signals	\$4,859,304.90
Utility Relocations	\$662,959.00
Water Mains	\$1,680,040.00
Fencing	\$916,885.88
Erosion Control	\$1,995,287.85
TOTAL	\$60,700,000