



Roll Call Number

Agenda Item Number

7 B

DATE June 28, 2010

**ORDERING CONSTRUCTION OF
RIVERPOINT TRUNK SEWER SEPARATION AND PUMP STATIONS
AND FIXING A DATE FOR RECEIVING OF BIDS ON JULY 13, 2010
AND PUBLIC HEARING ON JULY 26, 2010
ENGINEER'S ESTIMATE IS \$3,330,000.00**

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 Jurisdictional Engineer, submitting plans, specifications, form of contract documents, and Jurisdictional Engineer's estimate of cost for the construction of the following improvement:

Riverpoint Trunk Sewer Separation and Pump Stations, 07-2010-005

The improvement includes construction of two sanitary pump stations (Riverpoint Pump Station - Dart Way west of S.W. 9th Street and Principal Park Pump Station - S.W. 3rd Street near Raccoon River), separating combined sanitary/storm sewer flows on Murphy Street from S.W. 5th to S.W. 9th Streets, and miscellaneous associated work including cleanup and other incidental items; in accordance with the contract documents, including Plans File Nos. 521- 007/074, in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$3,330,000.00. The proposed plans, specifications, and form of contract documents are available for public inspection in the 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 Jurisdictional Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Jurisdictional 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 July 26, 2010, 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 City of Des Moines, at the office of the City Clerk until 11:00 a.m. on July 13, 2010, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be opened at a public meeting presided over by the Jurisdictional Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on July 13, 2010, after which the bids together with a bid tabulation and recommendation of the Jurisdictional Engineer will be presented to the City Council at its next meeting for action thereon.

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BE IT FURTHER RESOLVED: That the City Clerk is further directed to publish a Public Notice of Storm Water Discharge in the Des Moines Register and The Business Record as required by the Iowa Department of Natural Resources.

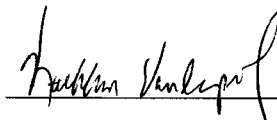
BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the "Notice of Intent for NPDES Coverage under General Permit No. 2 for Storm Water Discharges associated with Industrial Activity for Construction Activities" on behalf of the City of Des Moines and submit said document to the Iowa Department of Natural Resources with appropriate application and permit fees.

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

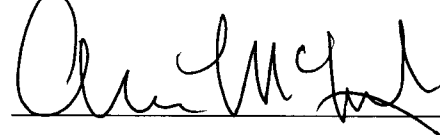
(City Council Communication Number 10-402 attached.)


Moved by _____ to adopt.

FORM APPROVED:


 Kathleen Vanderpool
 Deputy City Attorney

FUNDS AVAILABLE


 Allen McKinley
 Des Moines Finance Director

 Funding Source: 2009-2010 CIP, Page SAE-13, Riverpoint Trunk Separation and Pump Station, SAE123, Being: \$1,250,000 targeted I-JOBS funds with the remaining \$2,080,000 from Des Moines Sanitary Sewer Funds

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GREISS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				
MOTION CARRIED				APPROVED

CERTIFICATE

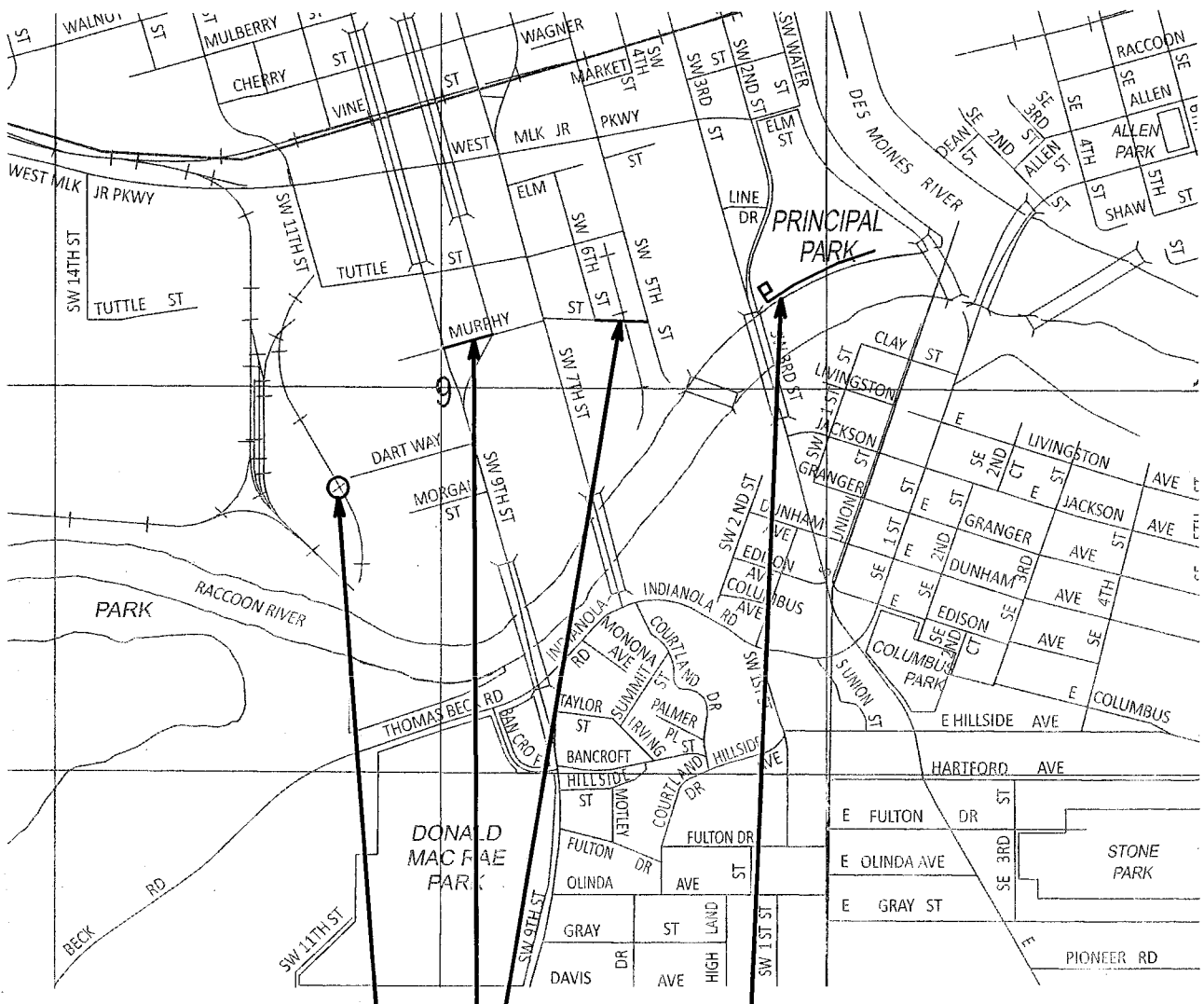
I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

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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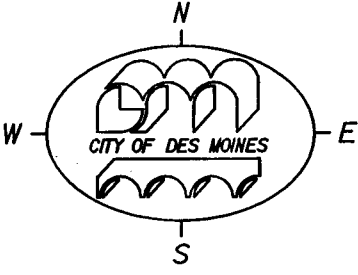
Riverpoint West Pump Station

Principal Park Pump Station

Murphy Street Sewer Separation

TR-ENG Design 10712010\005 Drawings\Loc_Map\LOC_MAP.DGN 09-JUN-2010 12:58

RIVERPOINT TRUNK SEWER
 SEPARATION AND PUMP
 STATIONS
 ACTIVITY I.D. 07-2010-005



7 B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 07-2010-005
IDOT PROJ NO.: None
DATE: 06/14/10

PROJECT: Riverpoint Trunk Sewer Separation and Pump Stations

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
Division 1 - Riverpoint West Pump Station - Bid Items 1.01-1.36					
1.01 *	MOBILIZATION	LS	1	\$64,759.95	\$64,759.95
1.02 *	PROJECT SIGN (LARGE - I JOBS)	EACH	1	\$2,000.00	\$2,000.00
1.03 *	CONSTRUCTION STAKING	LS	1	\$5,000.00	\$5,000.00
1.04 *	CLEARING AND GRUBBING	LS	1	\$8,000.00	\$8,000.00
1.05 *	STRIPPING, SALVAGING AND SPREADING TOPSOIL	CY	726	\$20.00	\$14,520.00
1.06 *	CLASS 13 EXCAVATION	CY	1863	\$15.00	\$27,945.00
1.07 *	DEWATERING	LS	1	\$150,000.00	\$150,000.00
1.08	REMOVE AND REPLACE STORM SEWER	LF	120	\$80.00	\$9,600.00
1.09 *	RIP RAP, CLASS E	TON	17	\$50.00	\$850.00
1.10	TURF REINFORCEMENT MAT	SY	42	\$15.00	\$630.00
1.11	FLOW TRANSITION MAT	SY	11	\$20.00	\$220.00
1.12 *	TEMPORARY EROSION MAT	SY	4362	\$3.00	\$13,086.00
1.13	FLUME, PCC, 6"	SY	12	\$125.00	\$1,500.00
1.14	CONNECTION TO EXISTING SANITARY SEWERS	EACH	2	\$2,500.00	\$5,000.00
1.15	12" DIP SANITARY SEWER	LF	183	\$190.00	\$34,770.00
1.16	SANITARY MANHOLE, 48" TYPE A MODIFIED	EACH	2	\$5,500.00	\$11,000.00
1.17 *	TRENCH STABILIZATION	CY	60	\$30.00	\$1,800.00
1.18	PUMP STATION AND EQUIPMENT (DOES NOT INCLUDE PUMPS, GENERATOR AND ATS)	LS	1	\$750,000.00	\$750,000.00
1.19	6" FORCE MAIN	LF	68	\$45.00	\$3,060.00
1.20 *	VIDEO INSPECTION	LF	242	\$5.00	\$1,210.00
1.21	BORING, 20" DIA. STEEL CASING	LF	30	\$550.00	\$16,500.00
1.22 *	CORE OUT EXCAVATION	CY	100	\$10.00	\$1,000.00
1.23 *	SELECT BACKFILL	CY	100	\$15.00	\$1,500.00
1.24 *	DRILL AND DOWEL PAVEMENT	LF	21	\$15.00	\$315.00

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
1.25	DRIVEWAY, PCC, 10"	SY	150	\$60.00	\$9,000.00
1.26 *	TRAFFIC CONTROL	LS	1	\$3,000.00	\$3,000.00
1.27 *	SEEDING AND FERTILIZING	ACRE	0.9	\$1,500.00	\$1,350.00
1.28 *	HYDROMULCHING	ACRE	1.8	\$1,500.00	\$2,700.00
1.29	SILT FENCE	LF	540	\$2.00	\$1,080.00
1.30 *	SILT FENCE REMOVAL	LF	540	\$1.00	\$540.00
1.31 *	EROSION CONTROL	LS	1	\$10,000.00	\$10,000.00
1.32 *	TREE PROTECTION	LS	1	\$3,000.00	\$3,000.00
1.33 *	TREE PROTECTION FENCE	LF	350	\$2.00	\$700.00
1.34	WASTEWATER PUMPS AND APPURTENANT EQUIPMENT	LS	1	\$28,915.00	\$28,915.00
1.35	ENGINE GENERATOR AND AUTOMATIC TRANSFER SWITCH (ATS)	LS	1	\$51,449.05	\$51,449.05
1.36 *	ENGINE GENERATOR AND ATS INSTALLATION	LS	1	\$4,000.00	\$4,000.00
Division 2 - Principal Park Pump Station - Bid Items 2.01-2.39					
2.01 *	MOBILIZATION	LS	1	\$64,515.21	\$64,515.21
2.02 *	PROJECT SIGN (LARGE - I JOBS)	EACH	1	\$2,000.00	\$2,000.00
2.03 *	CONSTRUCTION STAKING	LS	1	\$5,000.00	\$5,000.00
2.04 *	CLEARING AND GRUBBING	LS	1	\$2,500.00	\$2,500.00
2.05 *	STRIPPING, SALVAGING AND SPREADING TOPSOIL	CY	510	\$12.00	\$6,120.00
2.06 *	DEWATERING	LS	1	\$100,000.00	\$100,000.00
2.07 *	BYPASS PUMPING	LS	1	\$5,000.00	\$5,000.00
2.08	PLUGGING OF ABANDONED 3'X4' COMBINED SEWER (SHEET D2.06)	EACH	5	\$1,000.00	\$5,000.00
2.09	SEWER, CLASS 3 RCP STORM, 12"	LF	40	\$50.00	\$2,000.00
2.10	STORM MANHOLE, TYPE M-A, 48"	EACH	1	\$3,500.00	\$3,500.00
2.11	APRON, 12" RCP WITH FOOTING	EACH	1	\$1,500.00	\$1,500.00
2.12 *	RIP RAP, CLASS E	TON	22	\$50.00	\$1,100.00
2.13	6" PVC SANITARY SEWER (OPEN CUT)	LF	31	\$110.00	\$3,410.00
2.14	8" PVC SANITARY SEWER (OPEN CUT)	LF	93	\$120.00	\$11,160.00
2.15	12" PVC SANITARY SEWER (OPEN CUT)	LF	462	\$150.00	\$69,300.00
2.16	8" PVC SANITARY SEWER (DIRECTIONALLY DRILLED)	LF	350	\$160.00	\$56,000.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
2.17	SANITARY MANHOLE, 48" TYPE A MODIFIED	EACH	4	\$5,500.00	\$22,000.00
2.18 *	TRENCH STABILIZATION	CY	150	\$30.00	\$4,500.00
2.19	DROP CONNECTION	EACH	1	\$2,500.00	\$2,500.00
2.20	PUMP STATION AND EQUIPMENT (DOES NOT INCLUDE PUMPS, GENERATOR AND ATS)	LS	1	\$680,000.00	\$680,000.00
2.21	6" PVC FORCE MAIN, OPEN CUT	LF	43	\$40.00	\$1,720.00
2.22	6" PVC FORCE MAIN, DIRECTIONALLY DRILLED	LF	190	\$80.00	\$15,200.00
2.23	CONNECTION TO WRA STRUCTURE	LS	1	\$5,000.00	\$5,000.00
2.24 *	VIDEO INSPECTION	LF	936	\$5.00	\$4,680.00
2.25 *	CORE OUT EXCAVATION	CY	140	\$10.00	\$1,400.00
2.26 *	SELECT BACKFILL	CY	140	\$15.00	\$2,100.00
2.27	SIDEWALK, HMA, 6" - 1/2" 300K ESAL SURFACE PG58-28	SY	226	\$70.00	\$15,820.00
2.28	SIDEWALK, PCC, 6"	SY	422	\$60.00	\$25,320.00
2.29 *	GRIND DOWN CURB AND GUTTER	LF	14	\$15.00	\$210.00
2.30 *	PAVEMENT REMOVAL	SY	648	\$12.00	\$7,776.00
2.31 *	TRAFFIC CONTROL	LS	1	\$3,000.00	\$3,000.00
2.32 *	SODDING	SQ	275	\$50.00	\$13,750.00
2.33 *	SILT FENCE	LF	970	\$2.00	\$1,940.00
2.34 *	SILT FENCE REMOVAL	LF	970	\$1.00	\$970.00
2.35 *	TREE PROTECTION	LS	1	\$1,000.00	\$1,000.00
2.36 *	TREE PROTECTION FENCE	LF	540	\$2.00	\$1,080.00
2.37	WASTEWATER PUMPS AND APPURTENANT EQUIPMENT	LS	1	\$21,835.00	\$21,835.00
2.38	ENGINE GENERATOR AND AUTOMATIC TRANSFER SWITCH (ATS)	LS	1	\$50,093.79	\$50,093.79
2.39 *	ENGINE GENERATOR AND ATS INSTALLATION	LS	1	\$4,000.00	\$4,000.00
Division 3 - Murphy Street Sewer Separation - Bid Items 3.01-3.57					
3.01 *	MOBILIZATION	LS	1	\$45,673.00	\$45,673.00
3.02 *	PROJECT SIGN (LARGE - I JOBS)	EACH	1	\$2,000.00	\$2,000.00
3.03 *	CONSTRUCTION STAKING	LS	1	\$10,000.00	\$10,000.00
3.04 *	CLEARING AND GRUBBING	LS	1	\$5,000.00	\$5,000.00
3.05 *	STRIPPING, SALVAGING AND SPREADING TOPSOIL	CY	315	\$10.00	\$3,150.00

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NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
3.06 *	DEWATERING	LS	1	\$75,000.00	\$75,000.00
3.07 *	BYPASS PUMPING	LS	1	\$5,000.00	\$5,000.00
3.08 *	REMOVAL OF EXISTING STORM STRUCTURE	EACH	6	\$1,000.00	\$6,000.00
3.09 *	REMOVAL OF EXISTING STORM SEWER < 36"	LF	200	\$40.00	\$8,000.00
3.10	PLUGGING OF ABANDONED COMBINED SEWER	CY	40	\$250.00	\$10,000.00
3.11	SEWER, CLASS 3 RCP STORM, 15"	LF	90	\$50.00	\$4,500.00
3.12	SEWER, CLASS 3 RCP STORM, 30"	LF	30	\$80.00	\$2,400.00
3.13	SEWER, CLASS 3 RCP STORM, 36"	LF	370	\$90.00	\$33,300.00
3.14	CONNECTION TO EXISTING, STORM	EACH	4	\$2,000.00	\$8,000.00
3.15	STORM MANHOLE, TYPE M-A, 60"	EACH	2	\$6,000.00	\$12,000.00
3.16	INTAKE, TYPE M-D	EACH	1	\$5,000.00	\$5,000.00
3.17	INTAKE, TYPE M-E	EACH	4	\$6,500.00	\$26,000.00
3.18	SUBDRAIN, LOGNITUDINAL, 6"	LF	410	\$20.00	\$8,200.00
3.19	SUBDRAIN OUTLET	EACH	6	\$400.00	\$2,400.00
3.20 *	REMOVAL OF EXISTING COMBINED SEWER MANHOLE	EACH	4	\$2,500.00	\$10,000.00
3.21	MODIFY EXISTING COMBINED SEWER MANHOLE	EACH	5	\$1,800.00	\$9,000.00
3.22	CONNECTION TO EXISTING SANITARY SEWERS	EACH	8	\$2,500.00	\$20,000.00
3.23	6" PVC SANITARY SEWER SERVICE	LF	43	\$110.00	\$4,730.00
3.24	8" PVC SANITARY SEWER	LF	960	\$120.00	\$115,200.00
3.25	15" PVC SANITARY SEWER	LF	36	\$160.00	\$5,760.00
3.26	SANITARY MANHOLE, 48" TYPE A MODIFIED	EACH	7	\$5,500.00	\$38,500.00
3.27 *	TRENCH STABILIZATION	CY	254	\$30.00	\$7,620.00
3.28 *	VIDEO INSPECTION	LF	993	\$5.00	\$4,965.00
3.29	DROP CONNECTION	EACH	1	\$2,500.00	\$2,500.00
3.30	BORING 16" DIA. STEEL CASING	LF	130	\$400.00	\$52,000.00
3.31 *	CORE OUT EXCAVATION	CY	1537	\$10.00	\$15,370.00
3.32 *	SELECT BACKFILL	CY	1193	\$15.00	\$17,895.00
3.33 *	FLYASH	TON	100	\$110.00	\$11,000.00
3.34 *	SUBGRADE PREPARATION	SY	1652	\$6.00	\$9,912.00

TB

NO.	DESCRIPTION	ESTIMATED UNITS			AMOUNT
		UNIT	TOTAL	UNIT PRICE	TOTAL
3.35 *	MODIFIED SUBBASE	SY	2185	\$12.00	\$26,220.00
3.36	STANDARD PCC PAVEMENT, CLASS C MIX, 10"	SY	440	\$55.00	\$24,200.00
3.37	STANDARD PCC PAVEMENT, CLASS C MIX, 7"	SY	1212	\$45.00	\$54,540.00
3.38 *	DRILL AND DOWEL PAVEMENT	LF	680	\$8.00	\$5,440.00
3.39	SIDEWALK, PCC, 4"	SY	130	\$35.00	\$4,550.00
3.40	SIDEWALK, PCC, 6"	SY	40	\$40.00	\$1,600.00
3.41	DETECTABLE WARNINGS, TRUNCATED DOMES	SF	45	\$50.00	\$2,250.00
3.42	DRIVEWAY, PCC, 9"	SY	215	\$50.00	\$10,750.00
3.43	PARKING LOT, PCC, 7"	SY	318	\$45.00	\$14,310.00
3.44	HMA, (3M ESAL) 1/2" SURFACE, PG 64-22	SY	2035	\$35.00	\$71,225.00
3.45 *	GRANULAR SURFACING, CLASS A CRUSHED STONE	TON	125	\$30.00	\$3,750.00
3.46 *	PAVEMENT REMOVAL	SY	2185	\$10.00	\$21,850.00
3.47 *	SIDEWALK REMOVAL	SY	170	\$8.00	\$1,360.00
3.48 *	PAVEMENT MILLING	SY	823	\$4.00	\$3,292.00
3.49 *	TRAFFIC CONTROL	LS	1	\$10,000.00	\$10,000.00
3.50	PAINTED PAVEMENT MARKINGS	STA	3.5	\$50.00	\$175.00
3.51 *	SODDING	SQ	170	\$50.00	\$8,500.00
3.52 *	SILT FENCE	LF	471	\$2.00	\$942.00
3.53 *	SILT FENCE REMOVAL	LF	471	\$1.00	\$471.00
3.54	INLET PROTECTION DEVICE, FURNISH, INSTALL, AND REMOVE	EACH	4	\$300.00	\$1,200.00
3.55	TYPE "I" INLET FILTER	EACH	4	\$150.00	\$600.00
3.56 *	TREE PROTECTION	LS	1	\$1,500.00	\$1,500.00
3.57 *	TREE PROTECTION FENCE	LF	600	\$2.00	\$1,200.00

Prepared By: Paul Gassmann

Checked By: _____

TOTAL CONSTRUCTION COST \$3,330,000.00

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$871,027.16