

Date September 25, 2006

ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT FOR 15TH/16TH STREET CONNECTOR - ML KING JR. PARKWAY TO WALNUT STREET

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Jurisdictional Engineer, showing the cost of the construction of the 15th/16th Street Connector - ML King Jr. Parkway to Walnut Street, Activity ID 06-2001-019, in accordance with the contract approved between The Underground Co., Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, under Roll Call No. 02-1609, of June 17, 2002, 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 \$1,081,345.90 is the total cost, of which \$1,027,278.60 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 \$54,067.30 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.

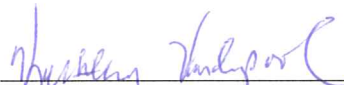
BE IT FURTHER RESOLVED: That the Engineering Department be and is hereby authorized and directed to notify all persons and firms with outstanding Chapter 573 claims against said project, that the project has been given final acceptance as completed by this City Council, that they have 60 days from such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

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:

FUNDS AVAILABLE:


Kathleen Vanderpool
Deputy City Attorney


Allen McKinley
Des Moines Finance Director

Funding: FY 2002/03 Tax Increment Funds, CIP Index Code 484345, 15th Street Corridor Improvements -- Account 543060 - Fund CP038 - Organization ENG990000 - Project STR191 - Activity ID 06-2001-019

PER

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

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.

MOTION CARRIED APPROVED

Mayor

City Clerk

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September 25, 2006

CERTIFICATION OF COMPLETION

AGENDA HEADING

Accepting completed construction and approving final payment for the 15th/16th Street Connector - ML King Jr. Parkway to Walnut Street.

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$1,081,345.90 As-Built Contract Cost

Funding Source: FY2002/03 Tax Increment Funds, CIP Index Code 484345, 15th Street Corridor Improvements - Account 543060 - Fund CP038 - Organization ENG990000 - Project STR191 - Activity ID 06-2001-019.

On June 17, 2002, under Roll Call No. 02-1609, the City Council awarded a contract to The Underground Co., Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA 50047, for the construction of the following improvement:

15th/16th Streets Connector - M.L. King Jr. Parkway to Walnut Street, Activity ID 06-2001-019,

Furnishing all labor, equipment and materials necessary to construct a new four lane street including PCC paving, embankment construction, removals, storm sewer, AC transitions, sidewalks, retaining wall, traffic signal conduit, boring and jacking pipe under railroad tracks, site restoration, all in accordance with the contract documents including Plan File Nos. 413-045/138 at:

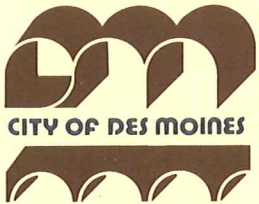
The intersection of 15th and Walnut Streets to the intersection of 16th Street and M.L. King Jr., Parkway.

I hereby certify that the construction of said 15th/16th Street Connector - ML King Jr. Parkway to Walnut Street, Activity ID 06-2006-019, 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 August 14, 2002, and was completed on June 22, 2006.

I further certify that \$1,081,345.90 is the total cost, of which \$1,027,278.60 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 \$54,067.30 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.



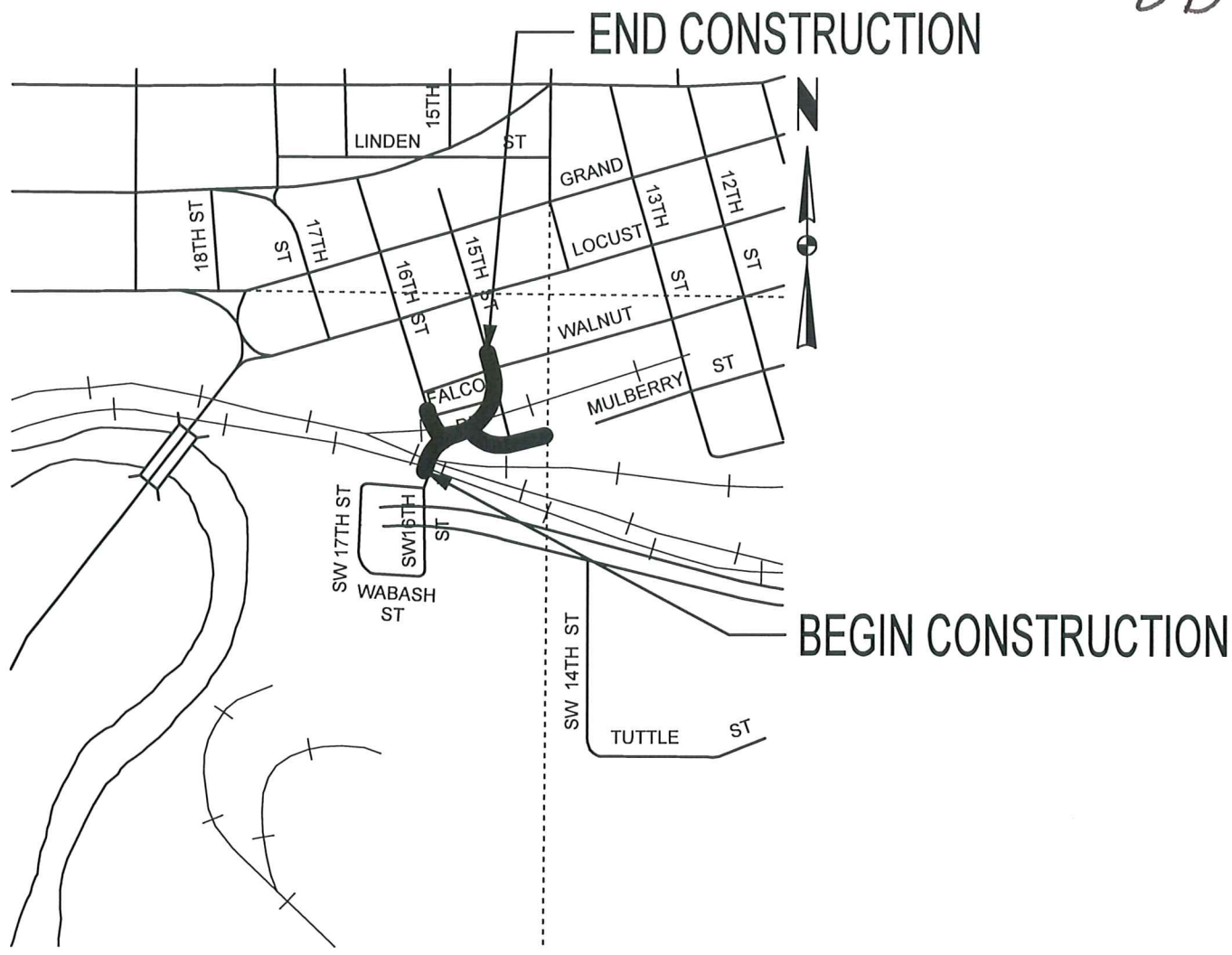
Jeb E. Brewer, P.E.
Des Moines City Engineer



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

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LOCATION MAP

15TH/16TH STREETS CONNECTOR

Activity ID No. 06-2001-019

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	DEPARTMENT OF ENGINEERING CITY OF DES MOINES, IOWA (515) 283-4931
	EXHIBIT 15th/16th CONNECOR
Rev/By	

PROJECT SUMMARY

15th/16th Street Connector

Activity ID 06-2001-019

Furnishing all Labor, equipment and materials necessary to construct a new four lane street including PCC paving, embankment construction, removals, storm sewer, ACC transitions, sidewalks, retaining wall, traffic signal conduit, boring and jacking pipe under railroad tracks, site restoration, all in accordance with the contract documents including Plan File Nos. 413-045/138 at;

the intersection of 15th and Walnut Streets to the intersection of 16th Street and M.L. King Jr. Parkway.

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	11/4/2002 Route existing sanitary sewer from 48" sanitary sewer to be abandoned into the existing 54" sanitary sewer prior to new paving. Remove bulkhead from 54" sanitary.	User	\$22,550.00
2	11/7/2002 Widen Ingersoll Avenue at the south west corner of 28th and Ingersoll and the south west corner of 35th and Ingersoll to provide additional on street parking.	User	\$9,500.00
3	12/10/2002 Additional ACC and mobilization to re-open 16th St after Railroad adjusted track.	Engineering	\$9,725.00
4	5/20/2003 Additional traffic control. Construct Parking lane at 28th & Ingersoll.	User	\$9,722.50
5	11/17/2003 Modify area-way at 1440 Walnut Street	Engineering	\$18,300.00
6	2/28/2005 Debris Disposal. Full Depth Patches.	Engineering	\$9,797.50
7	5/25/2005 Connect sanitary service, ductile iron water main, replace chain link fence	Engineering	\$9,870.00

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<u>Change Order No.</u>	<u>Description</u>	<u>Initiated By</u>	<u>Amount</u>
8	6/1/2005 Adjust handhole, frost removal, winter protection, beam curb.	Engineering	\$9,673.50
9	Adjust contract to as built quantities.	Engineering	\$347.40
Original Contract Amount			\$981,860.00
Total Change Orders			\$99,485.90
Percent of Change Orders to Original Contract			10.13%
Final Contract Amount			\$1,081,345.90

ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 9/6/06 TO 9/6/06
FINAL PAYMENT NO. 11

PROJECT: 15th/16th Streets Connector - M.L. King Jr. Parkway to Walnut Street
CONTRACTOR: The Underground Co. LTD

LINE NO.	DESCRIPTION	UNIT	UNITS			TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	
1	CLEARING AND GRUBBING	LS	1.0	1.0	1.0	\$3,000.00
2	CLASS 10 EXCAVATION, ROADWAY AND BORROW	CY	7200.0	7200.0	7,200.0	\$45,000.00
3	SUBGRADE PREPARATION	SY	1423.0	1423.0	1,423.0	\$3,557.50
4	SPECIAL BACKFILL MATERIAL	TON	2015.0	2900.0	2,900.0	\$43,500.00
5	TOPSOIL, FURNISH AND SPREAD	CY	510.0	510.0	510.0	\$9,690.00
6	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE CLASS C, 8-INCH	SY	1953.0	1953.0	1,953.0	\$107,415.00
7	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE CLASS C, 10-INCH	SY	4060.0	4060.0	4,060.0	\$231,420.00
8	INCIDENTAL CONCRETE	CY	18.0	15.0	15.0	\$8,250.00
9	PORTLAND CEMENT CONCRETE SAMPLES	LS	1.0	1.0	1.0	\$4,500.00
10	ASPHALT CEMENT CONCRETE BINDER COURSE	TON	91.0	0.0	0.0	\$98.00
11	ASPHALT CEMENT CONCRETE SURFACE COURSE	TON	19.0	73.9	73.9	\$115.00
12	ASPHALT CEMENT, PG 58-28	TON	7.0	4.0	4.0	\$125.00
13	ASPHALT CEMENT CONCRETE SAMPLES	LS	1.0	1.0	1.0	\$2,500.00
14	REMOVAL OF INTAKE	EACH	10.0	8.0	8.0	\$450.00
15	REMOVAL OF UTILITY ACCESS	EACH	3.0	2.0	2.0	\$780.00
16	REMOVAL OF LIGHT POLE	EACH	1.0	1.0	1.0	\$1,000.00
17	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36-INCH	FT	470.0	266.0	266.0	\$10.00
18	REMOVAL OF PAVEMENT	SY	4800.0	2826.0	2,826.0	\$8.00
19	REMOVAL OF RAILROAD TRACKS	LF	83.0	106.0	106.0	\$30.00
20	PLUG STANDARD SEWER, 36-INCH AND SMALLER	EACH	9.0	3.0	3.0	\$370.00
21	FLOWABLE MOTAR	CY	18.0	1.0	1.0	\$250.00
22	PCC CURB & GUTTER 1.5 FT, AS PER PLAN	FT	274.0	603.0	603.0	\$20.00
23	PORTLAND CEMENT CONCRETE DRIVEWAY 6-INCH	SY	12.0	22.0	22.0	\$33.00
24	PORTLAND CEMENT CONCRETE SIDEWALK 4-INCH	SY	600.0	764.0	764.0	\$31.00
25	PORTLAND CEMENT CONCRETE SIDEWALK 5-INCH	SY	481.0	971.0	971.0	\$34.00
26	TYPE "A" SIDEWALK	SY	380.0	0.0	0.0	\$44.00
27	PERMANENT ROAD CLOSURE (URBAN)	EACH	1.0	0.0	0.0	\$450.00
28	SILT FENCE	FT	1160.0	696.0	696.0	\$2.25
29	PAINTED PAVEMENT MARKING	STA	41.8	33.5	33.5	\$100.00
30	PAINTED SYMBOL AND LEGEND	EACH	6.0	6.0	6.0	\$300.00
31	CITY OF DES MOINES TYPE "B" CONCRETE STEPS WITH HANDRAIL	SF	7.0	39.2	39.2	\$235.00
32	SEGMENTAL BLOCK RETAINING WALL	SF	1040.0	1105.0	1,105.0	\$29.00

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PROJECT: 15th/16th Streets Connector - M.L. King Jr. Parkway to Walnut Street
 CONTRACTOR: The Underground Co. LTD

FINAL PAYMENT NO. 11

LINE NO.	DESCRIPTION	UNIT	UNITS				TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE	UNIT PRICE	
33	42-INCH CHAIN LINK FENCE, BLACK VINYL	LF	225.0	173.0	173.0	\$20.50	\$3,546.50
34	42-INCH CHAIN LINK FENCE GATE, BLACK VINYL	EACH	1.0	1.0	1.0	\$450.00	\$450.00
35	LONGITUDINAL SUBDRAIN(TYPE I)	FT	1672.0	1652.0	1,652.0	\$14.00	\$23,128.00
36	SUBDRAIN OUTLET I, AS PER PLAN	EACH	19.0	19.0	19.0	\$100.00	\$1,900.00
37	CONCRETE STORM SEWER PIPE 15-INCH DIA, Class III	FT	291.3	277.6	277.6	\$49.00	\$13,602.40
38	CONCRETE STORM SEWER PIPE 15-INCH DIA, Class IV	FT	93.6	236.6	236.6	\$49.00	\$11,593.40
39	CONCRETE STORM SEWER PIPE 24-INCH DIA, Class III	FT	117.2	118.4	118.4	\$58.00	\$6,867.20
40	CONCRETE STORM SEWER PIPE 24-INCH DIA, Class IV	FT	36.0	36.1	36.1	\$70.00	\$2,527.00
41	CONCRETE STORM SEWER PIPE 30-INCH DIA, Class III	FT	179.4	181.1	181.1	\$88.00	\$15,936.80
42	CONCRETE STORM SEWER PIPE 36-INCH DIA, Class III	FT	389.9	393.1	393.1	\$99.00	\$38,916.90
43	CONCRETE STORM SEWER PIPE 36-INCH DIA, Class IV	FT	139.0	140.6	140.6	\$110.00	\$15,466.00
44	CONCRETE PIPE APRON, 24-INCH	EACH	1.0	1.0	1.0	\$650.00	\$650.00
45	CONCRETE PIPE APRON, 30-INCH	EACH	1.0	1.0	1.0	\$800.00	\$800.00
46	CONCRETE PIPE APRON, 36-INCH	EACH	1.0	1.0	1.0	\$1,050.00	\$1,050.00
47	CONCRETE PIPE APRON GUARD, 24-INCH	EACH	1.0	1.0	1.0	\$455.00	\$455.00
48	CONCRETE PIPE APRON GUARD, 30-INCH	EACH	1.0	1.0	1.0	\$700.00	\$700.00
49	CONCRETE PIPE APRON GUARD, 36-INCH	EACH	1.0	1.0	1.0	\$850.00	\$850.00
50	WATERTIGHT INTERNAL WATER SEAL	EACH	5.0	5.0	5.0	\$470.00	\$2,350.00
51	CASTING, TYPE B	EACH	5.0	5.0	5.0	\$425.00	\$2,125.00
52	CITY OF DES MOINES TYPE M-A INTAKE	EACH	5.0	4.0	4.0	\$1,700.00	\$6,800.00
53	CITY OF DES MOINES TYPE M-A INTAKE, SPECIAL	EACH	2.0	2.0	2.0	\$2,300.00	\$4,600.00
54	CITY OF DES MOINES TYPE M-D INTAKE	EACH	4.0	4.0	4.0	\$2,600.00	\$10,400.00
55	CITY OF DES MOINES TYPE M-D INTAKE, SPECIAL	EACH	2.0	2.0	2.0	\$3,900.00	\$7,800.00
56	CITY OF DES MOINES TYPE M-F INTAKE, SPECIAL	EACH	1.0	1.0	1.0	\$2,600.00	\$2,600.00
57	CITY OF DES MOINES TYPE M-H INTAKE	EACH	3.0	4.0	4.0	\$1,700.00	\$6,800.00
58	CITY OF DES MOINES TYPE M-C MANHOLE	EACH	1.0	1.0	1.0	\$4,800.00	\$4,800.00
59	CITY OF DES MOINES TYPE M-D MANHOLE	EACH	1.0	1.0	1.0	\$7,300.00	\$7,300.00
60	FOUNDATION ROCK	TON	50.0	0.0	0.0	\$20.00	\$0.00
61	REVETMENT, CLASS E, RIP RAP	TON	50.0	71.2	71.2	\$35.00	\$2,492.00
62	REVETMENT, 6-INCH EROSION STONE	TON	120.0	197.6	197.6	\$37.00	\$7,311.20
63	SOD	SQ	270.0	290.0	290.0	\$37.00	\$10,730.00
64	SEEDING, FERTILIZING	ACRE	1.2	1.0	1.0	\$3,000.00	\$3,000.00
65	SEEDING, FERTILIZING, NATIVE GRASS MIX	ACRE	0.1	0.0	0.0	\$20,000.00	\$0.00
66	JAPANESE RED LEAF BARBERRY	EACH	46.0	46.0	46.0	\$60.00	\$2,760.00
67	MULCH FOR SEEDING	ACRE	0.5	0.5	0.5	\$1,500.00	\$750.00
68	MULCH FOR PLANTS	CY	7.5	7.5	7.5	\$120.00	\$900.00

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PROJECT: 15th/16th Streets Connector - M.L. King Jr. Parkway to Walnut Street
 CONTRACTOR: The Underground Co. LTD

FINAL PAYMENT NO. 11

LINE NO.	DESCRIPTION	UNIT	UNITS			UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED	CONSTRUCTED TO DATE		
69	FILTER FABRIC	SY	100.0	100.0	100.0	\$5.75	\$575.00
70	WOOD EXCELSIOR MAT	SQ	306.0	306.0	306.0	\$15.00	\$4,590.00
71	HANDHOLES	EACH	5.0	5.0	5.0	\$1,726.00	\$8,630.00
72	2-INCH PVC CONDUIT	LF	1321.0	1700.0	1700.0	\$25.00	\$42,500.00
73	3-INCH PVC CONDUIT	LF	254.0	260.0	260.0	\$33.00	\$8,580.00
74	BORE AND JACK 6-INCH STEEL CASING	LF	90.0	90.0	90.0	\$55.00	\$4,950.00
75	CONSTRUCTION SURVEY	LS	1.0	1.0	1.0	\$12,000.00	\$12,000.00
76	TRAFFIC CONTROL	LS	1.0	1.0	1.0	\$6,000.00	\$6,000.00
77	MOBILIZATION	LS	1.0	1.0	1.0	\$25,000.00	\$25,000.00
78	PROJECT SIGN, LARGE	EACH	1.0	1.0	1.0	\$1,247.00	\$1,247.00
79	BRICK SIDEWALK - SAND BASE, AS PER PLAN	SY	345.0	312.7	312.7	\$125.00	\$39,087.50
1.01	TAP EXISTING MANHOLE	EACH	0.0	0.0	0.0	\$550.00	\$0.00
1.02	12" PVC TRUSS PIPE	LF	0.0	0.0	0.0	\$150.00	\$0.00
1.03	TYPE "I" SANITARY MANHOLE	EACH	0.0	0.0	0.0	\$4,500.00	\$0.00
1.04	TYPE "A" SANITARY MANHOLE	EACH	0.0	0.0	0.0	\$3,500.00	\$0.00
1.05	BYPASS PUMPING	LS	0.0	0.0	0.0	\$800.00	\$0.00
1.06	SEEDING	SQ	0.0	20.0	20.0	\$10.00	\$200.00
1.07	BULKHEAD REMOVAL	HR	0.0	40.0	40.0	\$350.00	\$14,000.00
2.01	CURB & GUTTER REMOVAL	LF	0.0	127.0	127.0	\$15.00	\$1,905.00
2.02	CONCRETE SAWING	LF	0.0	137.0	137.0	\$6.00	\$822.00
2.03	6" PCC PAVING WITH CURB	SY	0.0	70.0	70.0	\$87.50	\$6,125.00
2.04	SOD	SQ	0.0	10.0	10.0	\$75.00	\$750.00
3.01	ADDITIONAL MOBILIZATION	LS	0.0	1.0	1.0	\$2,900.00	\$2,900.00
4.01	ADDITIONAL TRAFFIC CONTROL	MONTH	0.0	4.0	4.0	\$907.50	\$3,630.00
4.02	PARKING LANE SW CORNER 28TH & INGERSOLL	LS	0.0	1.0	1.0	\$7,000.00	\$7,000.00
5.01	AREA-WAY MODIFICATIONS, COMPLETE PER PLAN	LS	0.0	1.0	1.0	\$18,300.00	\$18,300.00
6.01	REMOVAL OF DEBRIS	LS	0.0	1.0	1.0	\$3,360.00	\$3,360.00
6.02	FULL DEPTH PATCHES	SY	0.0	51.5	51.5	\$125.00	\$6,437.50
7.01	CONNECT SANITARY SEWER SERVICE 1526 WALNUT	LS	0.0	1.0	1.0	\$5,075.00	\$5,075.00
7.02	16" DUCTILE IRON STORM SEWER	LF	0.0	36.0	36.0	\$95.00	\$3,420.00
7.03	REPLACE CHAIN LINK FENCE	LS	0.0	1.0	1.0	\$1,375.00	\$1,375.00
8.01	ADJUST HANDHOLE	LS	0.0	1.0	1.0	\$313.50	\$313.50
8.02	FROST REMOVAL	SY	0.0	540.0	540.0	\$7.00	\$3,780.00
8.03	WINTER PAVING PROTECTION	LS	0.0	1.0	1.0	\$3,780.00	\$3,780.00
8.04	REMOVE AND REPLACE BEAM CURB	LF	0.0	60.0	60.0	\$30.00	\$1,800.00


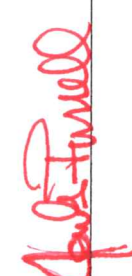
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PROJECT: 15th/16th Streets Connector - M.L. King Jr. Parkway to Walnut Street
 CONTRACTOR: The Underground Co. LTD

FINAL PAYMENT NO. 11

LINE NO.	DESCRIPTION	UNIT	UNITS		UNIT PRICE	TOTAL AMOUNT
			ESTIMATED	AUTHORIZED		
	TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS		\$1,081,345.90			
	PARTIAL PAYMENT NO. 1		\$86,550.51			
	PARTIAL PAYMENT NO. 2		\$78,679.95			
	PARTIAL PAYMENT NO. 3		\$127,340.85			
	PARTIAL PAYMENT NO. 4		\$194,034.65			
	PARTIAL PAYMENT NO. 5		\$248,334.75			
	PARTIAL PAYMENT NO. 6		\$90,892.67			
	PARTIAL PAYMENT NO. 7		\$52,891.25			
	PARTIAL PAYMENT NO. 8		\$91,260.80			
	PARTIAL PAYMENT NO. 9		\$40,063.97			
	PARTIAL PAYMENT NO. 10		\$17,229.20			
	THIS FINAL PAYMENT NO. 11		\$0.00			
	TOTAL PARTIAL PAYMENTS		\$1,027,278.60			
	BALANCE		\$54,067.30			
	Percent Complete	100%				
	TOTAL					\$1,081,345.90
	RETAINAGE					\$54,067.30
	TOTAL LESS RETAINAGE					\$1,027,278.60
	LESS PREVIOUS PAYMENT					\$1,027,278.60
	AMOUNT DUE					\$0.00

FINAL PAYMENT NO. 11

PREPARED BY: 
 CHECKED BY:  *acceptance*

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