



DATE May 21, 2012

**ACCEPTING COMPLETED CONSTRUCTION AND APPROVING FINAL PAYMENT
FOR E. INDIANOLA AVENUE WIDENING - S.E. 14TH STREET TO S.E. 16TH COURT, REILLY
CONSTRUCTION CO., INC.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached report of the Des Moines City Engineer, showing the cost of the construction of the E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court, 06-2009-003, in accordance with the contract approved between Reilly Construction Co., Inc., Chris R. Reilly, President, 110 E. Main Street, PO Box 99, Ossian, IA 52161, under Roll Call No. 09-1498, of August 10, 2009, 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 \$3,944,212.25 is the total construction cost of which \$3,914,212.25 has been paid to the Contractor, with a final partial payment of \$0.00 to be paid now, and the remaining balance of \$30,000.00 be paid at the end of thirty days, provided no claims or liens have been filed against said project, and provided that a release of this payment has been approved by the Iowa Department of Transportation through the Department of Engineering for the City of Des Moines, Iowa. Said Engineering Department shall not release this payment until all project audits have been completed, and any monetary penalties resulting from audit deficiencies shall be deducted from said balance of \$30,000.00 before being released to the Contractor.

BE IT FURTHER RESOLVED: That the City Manager be and is hereby authorized and directed to certify the Pollution Prevention Plan Inspection Summary and the NPDES Stormwater General Permit Notice of Discontinuation for the above referenced project on behalf of the City of Des Moines and submit said documents to the Iowa Department of Natural Resources.

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:

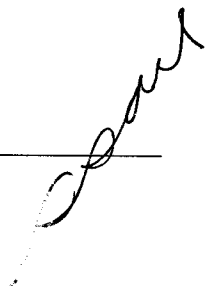


Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Scott E. Sanders
Des Moines Finance Director



★ **Roll Call Number**

Agenda Item Number

11

DATE May 21, 2012

Funding Source: 2012-2013 CIP, Page Street-16, Indianola Avenue Widening - S.E. 14th to Army Post Road, STR213, Various Funding, Being:

- \$403,649.83 in City G.O. Bonds from STR213;
- \$200,000 in Iowa DOT Traffic Safety Funds under IDOT Agreement No. 2009-TS-014 (Maximum \$500,000) for 100% construction contract costs only, which includes both 06-2009-003, E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court (\$200,000 maximum per Agreement) and 06-2009-002, S.E. 14th Street Widening at E. Indianola Avenue (\$300,000 maximum per Agreement), under IDOT Project No . CS-TSF-1945(744)--85-77;
- \$500,000 in Iowa DOT Traffic Safety Funds for 100% construction contract costs only under IDOT Agreement No. 2009-TS-015 (Max \$500,000) under IDOT Project No . CS-TSF-1945(749)--85-77;
- \$2,289,529.92 in Federal Surface Transportation Program (STP) funds being: 80% eligible const. costs only with \$2,289,529.92 max. and 80% of eligible real estate costs including labor with \$460,470.08 max. under IDOT Project No. STP-U-1945(704)--70-77;
- \$500,000 maximum in Federal funds from Iowa Clean Air Attainment Program (ICAAP) for 80% eligible const. costs only under IDOT Project No .STP-A-69-4(91)--86-77;
- \$51,032.50 from Des Moines Water Works for water main construction.

SEB CS-TSF-1945(744)--85-77, CS-TSF-1945(749)--85-77, STP-A-69-4(91)--86-77, STP-U-1945(704)--70-77

| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|------|--------|
| COWNIE | | | | |
| COLEMAN | | | | |
| GRIESS | | | | |
| HENSLEY | | | | |
| MAHAFFEY | | | | |
| MEYER | | | | |
| MOORE | | | | |
| TOTAL | | | | |

MOTION CARRIED

APPROVED

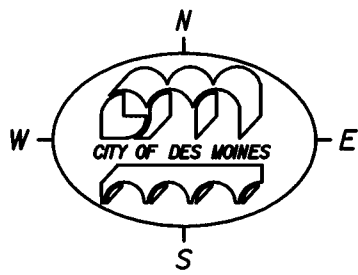
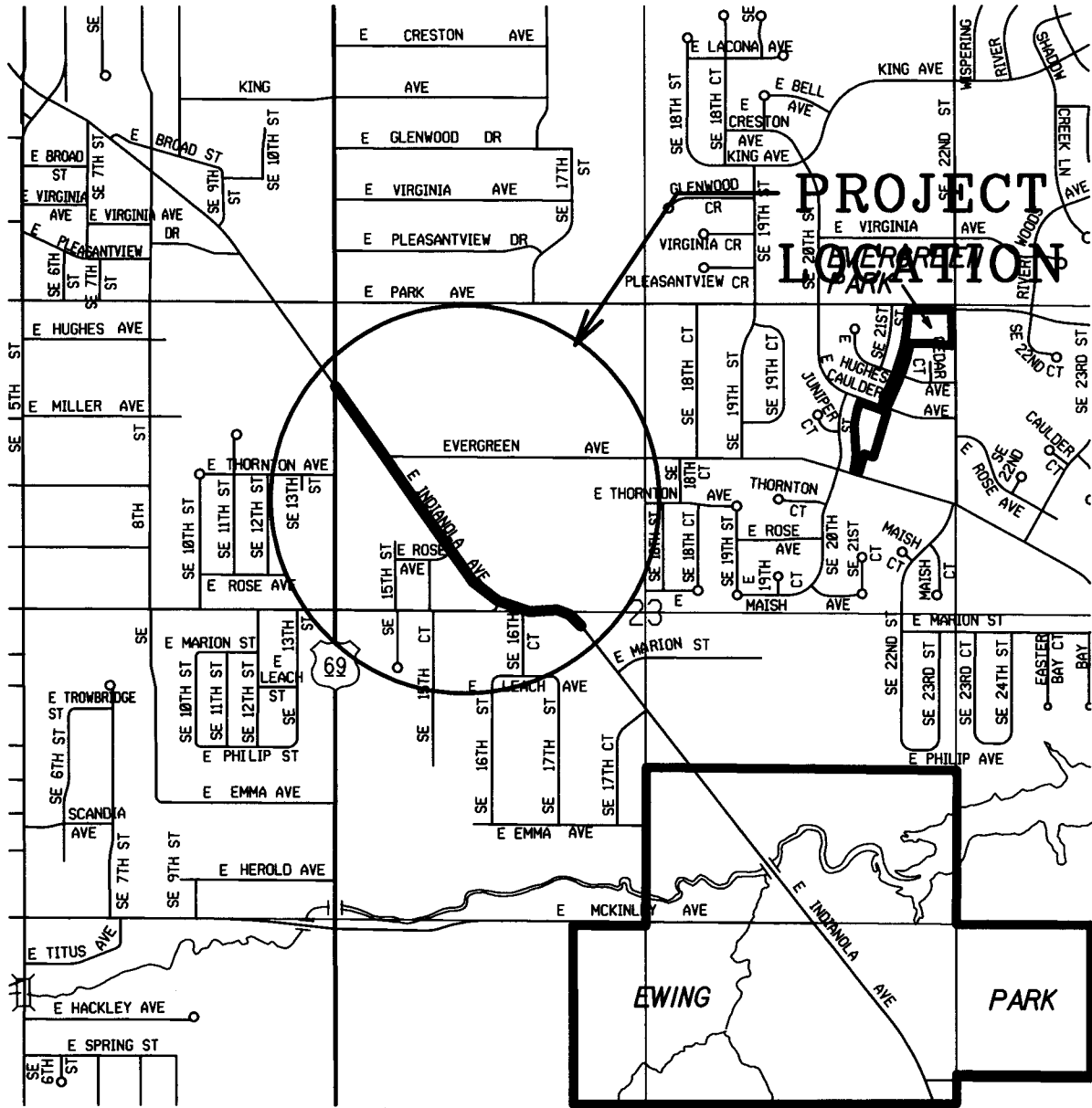
Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, 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

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**E. INDIANOLA AVENUE WIDENING
 S. E. 14TH STREET TO S. E. 16TH COURT
 ACTIVITY ID. 06-2009-003
 IDOT PROJECT STP-U-1945(704)--70-77**

PROJECT SUMMARY

E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court

Activity ID 06-2009-003

On August 10, 2009, under Roll Call No. 09-1498, the Council awarded the contract for the above improvements to Reilly Construction Co., Inc., in the amount of \$3,554,658.64. Tabulated below is a history of project change orders.

| Change Order No. | Initiated By | Description | Amount |
|-------------------------|---------------------|---|---------------|
| 1 | Engineering | 10/26/2009 Refer to IDOT CO No 1. Temp pavement & addl earthwork per IDOT Specs | \$80,386.00 |
| 2 | Engineering | 12/2/2009 Adjusted some contract quantities to as-built quantities. Contractor to construct RA-41 intakes in lieu of SW-507 intakes. Added additional erosion control bid items to contain the sediment on the project site. | \$22,468.00 |
| 3 | Engineering | 1/19/2010 Adjust contract quantities to match as-built quantities. | \$23,959.05 |
| 4 | Engineering | 2/1/2010 Adjust contract quantities to match as-built quantities. The Contractor's surveyor requested to survey additional features that were not addressed on the plans or were unexpected during construction. | \$20,626.10 |
| 5 | Engineering | 5/14/2010 Changes were made to the traffic control plan for the project. The connection to a RCB was reconfigured to save time and construction costs. Provisions were made to accommodate mailbox relocations after the project is completed. The Contractor investigated a service line backup and identified the elevation of the unknown service to verify that it would not conflict with the proposed storm sewer. | \$10,654.50 |
| 6 | Engineering | 7/23/2010 | \$22,973.00 |

| | | | |
|----|-------------|--|-------------|
| | | Additional storm sewer was installed to accommodate the storm water discharge and to keep the water from impacting adjacent properties. Storm sewer modifications were needed to avoid utility conflicts. Additional means were required to erosion and sediment control to comply with the Iowa DNR NPDES permit. | |
| 7 | Engineering | 8/20/2010 Additional 24-inch storm sewer was installed to accommodate the storm water discharge and to keep the water from impacting adjacent properties. Additional means were required for erosion and sediment control to comply with the Iowa DNR NPDES permit. Modifications were made to an intake and manhole to accommodate the field conditions. | \$16,406.73 |
| 8 | Engineering | 9/14/2010 Construct a concrete flume at the inlet of the 24-inch CMP pipe inlet at the south end of the project. Seal all the longitudinal L-2 and KT-2 joints along the project. | \$23,953.00 |
| 9 | Engineering | 10/20/2010 The contractor will be required to paint the pavement markings in lieu of permanent tape due to the tape markings are out of the specification time frame. Replace the existing water meter pit at 3803 Indianola. | \$24,467.00 |
| 10 | User | 11/24/2010 DMWW requires transfer an 8" water service to an existing 16" watermain. | \$5,935.00 |
| 11 | Engineering | 12/7/2010 Increase in the pavement removal quantity to remove the additional temporary pavement. Geogrid was added under a portion of pavement from STA 16+65 to 20+60 RT. Additional signage was installed to direct patrons to local businesses. A modified intake was installed due to underground conflicts. | \$10,019.86 |
| 12 | Engineering | 1/11/2011 Adjustment of quantities to match current measured quantities. Additional erosion and sediment control are required to comply with the Iowa DNR NPDES permit. Install two merge signs at the south end of the project. Cold weather protection is required. | \$23,719.00 |
| 13 | Engineering | 1/19/2011 The Des Moines Water Works made modifications to the water main relocation, which requires the installation of a gate valve. | \$1,045.00 |
| 14 | Engineering | 3/7/2011 Adjust contract quantities to match as-built quantities. | \$24,495.09 |
| 15 | Engineering | 5/25/2011 | \$23,506.58 |

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| | | | |
|----|-------------|--|----------------|
| | | Adjust contract quantities to match as-built quantities. Increased Manhole Diameter SW301 and modifications to the adjustment of fixtures. | |
| 16 | Engineering | 6/1/2011 Adjust contract quantities to match as-built quantities. | \$126.25 |
| 17 | Engineering | 7/12/2011 Adjust contract quantities to match as-built quantities. An anodized cabinet was used in lieu of a non-anodized cabinet for the battery back-up. The Contractor will replace a loop detector at the intersection of SE 14th and Indianola. | \$22,873.29 |
| 18 | City | 11/29/2011 Adjust contract quantities to match as-built quantities. Price adjustment (price increase) for pavement thickness. | \$23,058.49 |
| 19 | Engineering | 1/4/2012 Adjust contract quantities to match as-built quantities. | \$8,881.67 |
| | | Original Contract Amount | \$3,554,658.64 |
| | | Total Change Orders | \$389,553.61 |
| | | Percent of Change Orders to Original Contract | 10.96% |
| | | Total Contract Amount | \$3,944,212.25 |

May 21, 2012



CERTIFICATION OF COMPLETION

AGENDA HEADING:

Accepting completed construction and approving final payment for the E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court, Reilly Construction Co., Inc..

SYNOPSIS:

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

FISCAL IMPACT:

Amount: \$3,944,212.25 As-Built Contract Cost

Funding Source: 2012-2013 CIP, Page Street-16, Indianola Avenue Widening - S.E. 14th to Army Post Road, STR213, Various Funding, Being:

- \$403,649.83 in City G.O. Bonds from STR213;
- \$200,000 in Iowa DOT Traffic Safety Funds under IDOT Agreement No. 2009-TS-014 (Maximum \$500,000) for 100% construction contract costs only, which includes both 06-2009-003, E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court (\$200,000 maximum per Agreement) and 06-2009-002, S.E. 14th Street Widening at E. Indianola Avenue (\$300,000 maximum per Agreement), under IDOT Project No. CS-TSF-1945(744)--85-77;
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- \$51,032.50 from Des Moines Water Works for water main construction.

CERTIFICATION OF COMPLETION:

On August 10, 2009, under Roll Call No. 09-1498, the City Council awarded a contract to Reilly Construction Co., Inc., Chris R. Reilly, President, 110 E. Main Street, PO Box 99, Ossian, IA 52161 for the construction of the following improvement:

E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court, 06-2009-003

The improvement includes reconstruction of E. Indianola Avenue with 10-inch thick full-depth portland cement concrete; together with pavement removal, excavation, utility conduits, water main construction, storm drainage, subdrain, subbase placement, driveways, sidewalks, sodding, and miscellaneous associated work including cleanup; in accordance with the contract documents, including Plan File Nos. 505-001/199, on E. Indianola Avenue from S.E. 14th Street to S.E. 16th Court, Des Moines, Iowa

I hereby certify that the construction of said E. Indianola Avenue Widening - S.E. 14th Street to S.E. 16th Court, Activity ID 06-2009-003, 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 21, 2009, and was completed on May 4, 2012.

I further certify that \$3,944,212.25 is the total cost of said improvement, of which \$3,914,212.25 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 \$30,000.00 is to be paid at the end of thirty days, with funds retained for unresolved claims on file in accordance with Iowa Code Chapter 573. The amount of completed work is shown on the attached Estimate of Construction Completed.



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

ESTIMATE OF CONSTRUCTION COMPLETED
FOR WORK DONE FROM 12/21/11 TO 12/31/11
FINAL PAYMENT (PARTIAL PAYMENT NO. 25)

PROJECT: E. Indianapolis Avenue Widening Phase 1
CONTRACTOR: Reilly Construction Co., Inc.

FINAL PAYMENT (PARTIAL PAYMENT NO. 25)

| LINE NO. | DESCRIPTION | UNIT | UNITS | | | CONSTRUCTED TO DATE | UNIT PRICE | DIVISION 1 TOTAL AMOUNT | DIVISION 2 TOTAL AMOUNT | TOTAL AMOUNT |
|-------------------|--|------|-----------|------------|-----------|---------------------|--------------|-------------------------|-------------------------|--------------|
| | | | ESTIMATED | AUTHORIZED | | | | | | |
| DIVISION 1 | | | | | | | | | | |
| 0010 | CLEARING AND GRUBBING | UNIT | 6944.000 | 7715.000 | 7715.000 | \$5.00 | \$38,575.00 | | \$38,575.00 | |
| 0020 | EXCAVATION, CLASS 10, ROADWAY AND BORROW | CY | 17138.000 | 24336.000 | 24336.000 | \$7.00 | \$170,352.00 | | \$170,352.00 | |
| 0030 | TOPSOIL STRIP SALVAGE AND SPREAD | CY | 2800.000 | 2800.000 | 2800.000 | \$9.00 | \$25,200.00 | | \$25,200.00 | |
| 0040 | SPECIAL COMPACTION OF SUBGRADE | STA | 75.000 | 72.000 | 72.000 | \$285.00 | \$20,520.00 | | \$20,520.00 | |
| 0050 | MODIFIED SUBBASE | CY | 7624.000 | 8808.030 | 8808.030 | \$36.25 | \$319,291.09 | | \$319,291.09 | |
| 0060 | SHOULDER FINISHING, EARTH | STA | 92.000 | 92.000 | 92.000 | \$275.00 | \$25,300.00 | | \$25,300.00 | |
| 0070 | EXCAVATION, CLASS 13, FOR WIDENING | CY | 620.000 | 620.000 | 620.000 | \$7.50 | \$4,650.00 | | \$4,650.00 | |
| 0080 | STD. OR SLIP FORM P.C.C. PVMT. CLASS C, CLASS 3 DURABILITY, 6 IN. | SY | 476.000 | 1555.450 | 1555.450 | \$36.50 | \$56,773.93 | | \$56,773.93 | |
| 0090 | STD. OR SLIP FORM P.C.C. PVMT. CLASS C, CLASS 3 DURABILITY, 7 IN. | SY | 1628.000 | 2080.100 | 2080.100 | \$35.00 | \$72,803.50 | | \$72,803.50 | |
| 0100 | STD. OR SLIP FORM P.C.C. PVMT. CLASS C, CLASS 3 DURABILITY, 8 IN. | SY | 3876.000 | 2060.000 | 2060.000 | \$43.00 | \$88,580.00 | | \$88,580.00 | |
| 0110 | STD. OR SLIP FORM P.C.C. PVMT. CLASS C, CLASS 3 DURABILITY, 10 IN. | SY | 20954.000 | 20940.500 | 20940.500 | \$46.40 | \$971,639.20 | | \$971,639.20 | |
| 0120 | MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH | SY | 1.000 | 1.000 | 1.000 | \$50.00 | \$50.00 | | \$50.00 | |
| 0130 | MEDIAN, P.C. CONCRETE, 6 IN. | SY | 127.000 | 127.000 | 127.000 | \$53.00 | \$6,731.00 | | \$6,731.00 | |
| 0140 | PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES | LS | 1.000 | 1.000 | 1.000 | \$1,900.00 | \$1,900.00 | | \$1,900.00 | |
| 0150 | ADJUSTMENT OF FIXTURES | EACH | 14.000 | 15.000 | 15.000 | \$743.00 | \$10,402.00 | \$743.00 | \$11,145.00 | |
| 0160 | SURFACING, DRIVEWAY, CLASS A CRUSHED STONE | TON | 95.000 | 109.850 | 109.850 | \$18.75 | \$2,059.69 | | \$2,059.69 | |
| 0170 | SURFACING, DRIVEWAY | TON | 1000.000 | 2332.070 | 2332.070 | \$18.75 | \$43,726.31 | | \$43,726.31 | |
| 0180 | TEMPORARY PAVEMENT | SY | 60.000 | 725.060 | 725.060 | \$75.00 | \$54,379.50 | | \$54,379.50 | |
| 0190 | APRONS, CONCRETE, 15 IN. DIA. | EACH | 1.000 | 1.000 | 1.000 | \$1,250.00 | \$1,250.00 | | \$1,250.00 | |
| 0200 | APRONS, METAL, 24 IN. DIA. | EACH | 1.000 | 1.000 | 1.000 | \$335.00 | \$335.00 | | \$335.00 | |
| 0210 | MANHOLE, SANITARY SEWER, SW-301, 48 IN. | EACH | 1.000 | 2.000 | 2.000 | \$3,200.00 | \$6,400.00 | | \$6,400.00 | |
| 0220 | MANHOLE, STORM SEWER, SW-401, 48 IN. | EACH | 5.000 | 5.000 | 5.000 | \$3,150.00 | \$15,750.00 | | \$15,750.00 | |
| 0230 | MANHOLE, STORM SEWER, SW-402 | EACH | 1.000 | 0.000 | 0.000 | \$8,250.00 | \$0.00 | | \$0.00 | |
| 0240 | INTAKE, SW-501 | EACH | 7.000 | 7.000 | 7.000 | \$3,850.00 | \$26,950.00 | | \$26,950.00 | |
| 0250 | INTAKE, SW-507 | EACH | 24.000 | 12.000 | 12.000 | \$3,500.00 | \$42,000.00 | | \$42,000.00 | |
| 0260 | SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA. | LF | 7631.000 | 7399.000 | 7399.000 | \$11.25 | \$83,238.75 | | \$83,238.75 | |
| 0270 | SUBDRAIN OUTLET, RE-19C | EACH | 62.000 | 54.000 | 54.000 | \$150.00 | \$8,100.00 | | \$8,100.00 | |
| 0280 | SEWER PIPE, CORRUGATED METAL, STORM, 24 IN. | LF | 217.000 | 885.000 | 885.000 | \$37.50 | \$33,187.50 | | \$33,187.50 | |
| 0290 | REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN. | LF | 577.000 | 455.000 | 455.000 | \$14.00 | \$6,370.00 | | \$6,370.00 | |
| 0300 | SEWER PIPE, 2000RD STORM, 15 IN. DIA. | LF | 2779.000 | 2761.000 | 2761.000 | \$40.00 | \$110,440.00 | | \$110,440.00 | |
| 0310 | SEWER PIPE, 2000D STORM, 18 IN. DIA. | LF | 669.000 | 670.000 | 670.000 | \$45.00 | \$30,150.00 | | \$30,150.00 | |
| 0320 | SEWER PIPE, 2000D STORM, 24 IN. DIA. | LF | 207.000 | 207.000 | 207.000 | \$50.00 | \$10,350.00 | | \$10,350.00 | |
| 0330 | SEWER SERVICE, SANITARY, RELOCATE | EACH | 2.000 | 0.000 | 0.000 | \$2,250.00 | \$0.00 | | \$0.00 | |
| 0340 | FLOWABLE MORTAR | CY | 12.000 | 18.000 | 18.000 | \$100.00 | \$1,800.00 | | \$1,800.00 | |
| 0350 | REMOVAL OF PAVEMENT | SY | 15380.000 | 16095.000 | 16095.000 | \$5.50 | \$88,522.50 | | \$88,522.50 | |
| 0360 | REMOVAL OF INTAKES AND UTILITY ACCESSES | EACH | 12.000 | 26.000 | 26.000 | \$400.00 | \$10,400.00 | | \$10,400.00 | |
| 0370 | REMOVAL OF SIDEWALK | SY | 2648.000 | 2717.650 | 2717.650 | \$5.50 | \$14,947.08 | | \$14,947.08 | |
| 0380 | SIDEWALK, P.C. CONCRETE, 3 IN. | SY | 2196.000 | 2522.370 | 2522.370 | \$28.00 | \$70,626.36 | | \$70,626.36 | |
| 0390 | SIDEWALK, P.C. CONCRETE, 6 IN. | SY | 2215.000 | 2428.450 | 2428.450 | \$27.00 | \$65,568.15 | | \$65,568.15 | |
| 0400 | DETECTABLE WARNINGS FOR CURB RAMPS | SF | 320.000 | 332.000 | 332.000 | \$33.00 | \$10,956.00 | | \$10,956.00 | |
| 0410 | DRIVEWAY, P.C. CONCRETE, 6 IN. | SY | 1398.000 | 1303.900 | 1303.900 | \$35.00 | \$45,636.50 | | \$45,636.50 | |
| 0420 | DRIVEWAY, P.C. CONCRETE, 7 IN. | SY | 1009.000 | 1383.580 | 1383.580 | \$37.00 | \$51,192.46 | | \$51,192.46 | |
| 0430 | REMOVAL OF PAVED DRIVEWAY | SY | 2601.000 | 2655.930 | 2655.930 | \$5.50 | \$14,607.62 | | \$14,607.62 | |
| 0440 | REMOVAL OF RETAINING WALLS AND FOOTINGS | LS | 1.000 | 1.000 | 1.000 | \$1,500.00 | \$1,500.00 | | \$1,500.00 | |
| 0450 | SAFETY CLOSURE | EACH | 11.000 | 16.000 | 16.000 | \$150.00 | \$2,400.00 | | \$2,400.00 | |

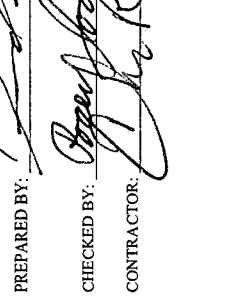
FINAL PAYMENT (PARTIAL PAYMENT NO. 2.5)

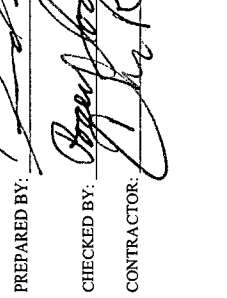
PROJECT: E. Indianapolis Avenue Widening Phase I
 CONTRACTOR: Reilly Construction Co., Inc.

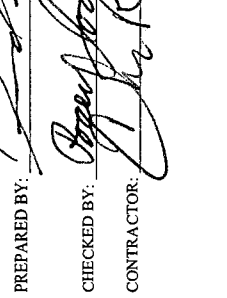
| LINE NO. | DESCRIPTION | UNIT | UNITS | | | DIVISION 1 TOTAL AMOUNT | DIVISION 2 TOTAL AMOUNT | TOTAL AMOUNT |
|----------|---|------|-----------|------------|------------------------|----------------------------|----------------------------|--------------|
| | | | ESTIMATED | AUTHORIZED | CONSTRUCTED TO DATE | | | |
| 0460 | FENCE, CHAIN LINK, 48 IN. HEIGHT | LF | 182.000 | 0.000 | 0.000 | \$17.85 | \$0.00 | \$0.00 |
| 0470 | REMOVAL OF CHAIN LINK FENCE, AS PER PLAN | LF | 464.000 | 428.000 | 428.000 | \$2.00 | \$856.00 | \$856.00 |
| 0480 | TRAFFIC SIGNALIZATION | LS | 1.000 | 1.000 | 1.000 | \$499,214.44 | \$499,214.44 | \$499,214.44 |
| 0490 | REMOVAL OF TRAFFIC SIGNALIZATION | LS | 1.000 | 1.000 | 1.000 | \$7,500.00 | \$7,500.00 | \$7,500.00 |
| 0500 | CONSTRUCTION SURVEY | LS | 1.000 | 1.000 | 1.000 | \$14,800.00 | \$14,800.00 | \$14,800.00 |
| 0510 | PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE | STA | 156.000 | 125.270 | 125.270 | \$270.00 | \$33,822.90 | \$33,822.90 |
| 0520 | PERMANENT TAPE MARKINGS, INTERSECTION MARKING TAPE | STA | 42.000 | 60.990 | 60.990 | \$175.00 | \$10,673.25 | \$10,673.25 |
| 0530 | PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING TAPE | EACH | 52.000 | 51.000 | 51.000 | \$225.00 | \$11,475.00 | \$11,475.00 |
| 0540 | GROOVES CUT FOR PAVEMENT MARKINGS | STA | 156.000 | 125.270 | 125.270 | \$270.00 | \$33,822.90 | \$33,822.90 |
| 0550 | GROOVES CUT FOR SYMBOLS AND LEGENDS | EACH | 52.000 | 51.000 | 51.000 | \$100.00 | \$5,100.00 | \$5,100.00 |
| 0560 | TEMPORARY TRAFFIC SIGNALS | LS | 1.000 | 1.000 | 1.000 | \$2,000.00 | \$2,000.00 | \$2,000.00 |
| 0570 | TRAFFIC CONTROL | LS | 1.000 | 1.000 | 1.000 | \$48,470.00 | \$48,470.00 | \$48,470.00 |
| 0580 | CHANGEABLE MESSAGE SIGN, PORTABLE | CDA | 28.000 | 88.000 | 88.000 | \$125.00 | \$11,000.00 | \$11,000.00 |
| 0590 | MOBILIZATION | LS | 1.000 | 1.000 | 1.000 | \$110,000.00 | \$110,000.00 | \$110,000.00 |
| 0600 | MODULAR BLOCK RETAINING WALL | SF | 849.000 | 806.000 | 806.000 | \$19.35 | \$15,596.10 | \$15,596.10 |
| 0610 | ADJUST FIRE HYDRANT | EACH | 1.000 | 1.000 | 1.000 | \$500.00 | \$500.00 | \$500.00 |
| 0620 | FIRE HYDRANT ASSEMBLIES | EACH | 1.000 | 1.000 | 1.000 | \$4,000.00 | \$4,000.00 | \$4,000.00 |
| 0630 | REMOVAL OF FIRE HYDRANT | EACH | 2.000 | 2.000 | 2.000 | \$500.00 | \$1,000.00 | \$1,000.00 |
| 0640 | PREPARE EXCAVATION FOR TAPPING SLEEVE | EACH | 2.000 | 2.000 | 2.000 | \$600.00 | \$1,200.00 | \$1,200.00 |
| 0650 | WATER MAIN, PVC, 8" | LF | 350.000 | 454.000 | 454.000 | \$21.00 | \$9,534.00 | \$9,534.00 |
| 0660 | WATER MAIN FITTINGS | LB | 315.000 | 344.000 | 344.000 | \$5.75 | \$1,978.00 | \$1,978.00 |
| 0670 | CHECK DEPTH OF WATER SERVICE | EACH | 34.000 | 32.000 | 32.000 | \$200.00 | \$6,400.00 | \$6,400.00 |
| 0680 | LOWER WATER SERVICE WITH COPPER | EACH | 7.000 | 4.000 | 4.000 | \$400.00 | \$1,600.00 | \$1,600.00 |
| 0690 | RELOCATE WATER SERVICE STOP BOXES | EACH | 6.000 | 14.000 | 14.000 | \$800.00 | \$11,200.00 | \$11,200.00 |
| 0700 | RELOCATE WATER SERVICE STOP BOXES | EACH | 13.000 | 13.000 | 13.000 | \$600.00 | \$7,800.00 | \$7,800.00 |
| 0710 | ADJUST WATER SERVICE STOP BOXES | EACH | 21.000 | 19.000 | 19.000 | \$250.00 | \$4,750.00 | \$4,750.00 |
| 0720 | INTAKE, SW-507 MODIFIED | EACH | 2.000 | 2.000 | 2.000 | \$3,500.00 | \$7,000.00 | \$7,000.00 |
| 0730 | TRANSFER OF WATER SERVICE OPPOSITE SIDE | EACH | 1.000 | 1.000 | 1.000 | \$1,500.00 | \$1,500.00 | \$1,500.00 |
| 0740 | TRANSFER OF WATER SERVICE SAME SIDE | EACH | 3.000 | 3.000 | 3.000 | \$850.00 | \$2,550.00 | \$2,550.00 |
| 0750 | 2" DIA. CONDUIT, MEDIA COM | LF | 5330.000 | 6968.000 | 6968.000 | \$7.30 | \$50,866.40 | \$50,866.40 |
| 0760 | 2" DIA. CONDUIT, MIDAMERICAN ENERGY | LF | 4030.000 | 4599.000 | 4599.000 | \$5.59 | \$25,708.41 | \$25,708.41 |
| 0770 | 4" DIA. CONDUIT, MIDAMERICAN ENERGY | LF | 5480.000 | 5598.000 | 5598.000 | \$10.00 | \$55,980.00 | \$55,980.00 |
| 0780 | 4" DIA. CONDUIT, WEST | LF | 2170.000 | 2390.000 | 2390.000 | \$7.87 | \$18,809.30 | \$18,809.30 |
| 0790 | 6" DIA. CONDUIT, MIDAMERICAN ENERGY | LF | 2390.000 | 2450.000 | 2450.000 | \$7.88 | \$19,306.00 | \$19,306.00 |
| 0800 | CONNECT WATER MAIN STA 20+50 | LS | 1.000 | 1.000 | 1.000 | \$1,000.00 | \$1,000.00 | \$1,000.00 |
| 0810 | CUT AND CAP WATER MAIN STA 15+40 | LS | 1.000 | 1.000 | 1.000 | \$5,500.00 | \$5,500.00 | \$5,500.00 |
| 0820 | RELOCATE HYDRANT STA 23+50 RT | LS | 1.000 | 1.000 | 1.000 | \$1,100.00 | \$1,100.00 | \$1,100.00 |
| 0830 | RELOCATE HYDRANT STA 29+53 RT | LS | 1.000 | 1.000 | 1.000 | \$900.00 | \$900.00 | \$900.00 |
| 0840 | RELOCATE HYDRANT STA 35+90 RT | LS | 1.000 | 1.000 | 1.000 | \$900.00 | \$900.00 | \$900.00 |
| 0850 | RELOCATE PRIVATE HYDRANT STA 20+80 LT | LS | 1.000 | 1.000 | 1.000 | \$900.00 | \$900.00 | \$900.00 |
| 0860 | WATER MAIN ALTERATION STA 35+26 RT | LS | 1.000 | 1.000 | 1.000 | \$4,200.00 | \$4,200.00 | \$4,200.00 |
| 0870 | WATER MAIN ALTERATION STA 38+15 RT | LS | 1.000 | 1.000 | 1.000 | \$4,200.00 | \$4,200.00 | \$4,200.00 |
| 0880 | MULCHING | ACRE | 1.000 | 0.330 | 0.330 | \$700.00 | \$231.00 | \$231.00 |
| 0890 | SEEDING AND FERTILIZING (URBAN) | ACRE | 1.000 | 0.000 | 0.000 | \$1,410.00 | \$0.00 | \$0.00 |
| 0900 | SODDING | SQ | 705.000 | 1099.140 | 1099.140 | \$24.90 | \$27,368.59 | \$27,368.59 |

| LINE NO. | DESCRIPTION | UNIT | UNITS | | | CONSTRUCTED TO DATE | UNIT PRICE | DIVISION 1 TOTAL AMOUNT | DIVISION 2 TOTAL AMOUNT | TOTAL AMOUNT |
|----------|--|-------|-----------|------------|----------|---------------------|-------------|-------------------------|-------------------------|--------------|
| | | | ESTIMATED | AUTHORIZED | | | | | | |
| 0910 | STABILIZING CROP - SEEDING AND FERTILIZING (URBAN) | ACRE | 1.000 | 0.330 | 0.330 | \$10.00 | \$3.30 | | \$3.30 | |
| 0920 | WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION | MGAL | 424.000 | 182.760 | 182.760 | \$30.00 | \$5,482.80 | | \$5,482.80 | |
| 0930 | MOBILIZATION FOR WATERING | EACH | 6.000 | 16.000 | 16.000 | \$350.00 | \$5,600.00 | | \$5,600.00 | |
| 0940 | SILT FENCE | LF | 520.000 | 700.000 | 700.000 | \$1.91 | \$1,337.00 | | \$1,337.00 | |
| 0950 | SILT FENCE FOR DITCH CHECKS | LF | 200.000 | 169.000 | 169.000 | \$2.10 | \$354.90 | | \$354.90 | |
| 0960 | REMOVAL OF SILT FENCE | LF | 520.000 | 400.000 | 400.000 | \$0.50 | \$200.00 | | \$200.00 | |
| 0970 | REMOVAL OF SILT FENCE FOR DITCH CHECKS | LF | 200.000 | 141.000 | 141.000 | \$0.50 | \$70.50 | | \$70.50 | |
| 2.01 | ADDITIONAL SIGNAGE | LS | 0.000 | 1.000 | 1.000 | \$231.00 | \$231.00 | | \$231.00 | |
| 2.02 | TRANSFER OF WATER SERVICE | LS | 0.000 | 1.000 | 1.000 | \$7,628.00 | \$7,628.00 | \$7,628.00 | \$7,628.00 | |
| 2.03 | STRAW FILTER TUBE SOCK | LF | 0.000 | 1200.000 | 1200.000 | \$3.16 | \$3,792.00 | | \$3,792.00 | |
| 2.04 | REMOVAL OF STRAW FILTER TUBE SOCK | LF | 0.000 | 5176.000 | 5176.000 | \$0.50 | \$2,588.00 | | \$2,588.00 | |
| 2.05 | RA-41 INTAKE | EACH | 0.000 | 12.000 | 12.000 | \$4,500.00 | \$54,000.00 | | \$54,000.00 | |
| 3.01 | ST-22A Additional Depth | LF | 0.000 | 4.000 | 4.000 | \$175.00 | \$700.00 | | \$700.00 | |
| 3.02 | Epoxy Coated Steel for SW-501 | EACH | 0.000 | 7.000 | 7.000 | \$21.24 | \$148.68 | | \$148.68 | |
| 3.03 | Epoxy Coated Steel for SW-503 | EACH | 0.000 | 0.000 | 0.000 | \$56.46 | \$0.00 | | \$0.00 | |
| 3.04 | Epoxy Coated Steel for SW-507 | EACH | 0.000 | 12.000 | 12.000 | \$44.35 | \$532.20 | | \$532.20 | |
| 3.05 | Epoxy Coated Steel for RA-41 | EACH | 0.000 | 12.000 | 12.000 | \$19.42 | \$233.04 | | \$233.04 | |
| 3.06 | Epoxy Coated Steel for Modified SW-507 | EACH | 0.000 | 2.000 | 2.000 | \$44.94 | \$89.88 | | \$89.88 | |
| 4.01 | Additional Survey | HOURL | 0.000 | 14.000 | 14.000 | \$180.00 | \$2,520.00 | | \$2,520.00 | |
| 5.01 | New Mailbox and Post | EACH | 0.000 | 9.000 | 9.000 | \$175.00 | \$1,575.00 | | \$1,575.00 | |
| 5.02 | New Mailbox Post | EACH | 0.000 | 12.000 | 12.000 | \$125.00 | \$1,500.00 | | \$1,500.00 | |
| 5.03 | Compost Filter Tube Sock | LF | 0.000 | 3976.000 | 3976.000 | \$2.04 | \$8,111.04 | | \$8,111.04 | |
| 5.04 | Tubular Markers | EACH | 0.000 | 15.000 | 15.000 | \$43.00 | \$645.00 | | \$645.00 | |
| 5.05 | Mobilization for Tubular Markers | LS | 0.000 | 1.000 | 1.000 | \$550.00 | \$550.00 | | \$550.00 | |
| 5.06 | RCB Connection - ST-9B | LS | 0.000 | 1.000 | 1.000 | \$1,125.00 | \$1,125.00 | | \$1,125.00 | |
| 5.07 | Additional Traffic Control for RBC Connection | LS | 0.000 | 1.000 | 1.000 | \$3,250.00 | \$3,250.00 | | \$3,250.00 | |
| 5.08 | Sanitary Sewer Service Investigation 3803 Indianapolis | LS | 0.000 | 1.000 | 1.000 | \$819.50 | \$819.50 | | \$819.50 | |
| 6.01 | SEWER PIPE, 2000D STORM, 12 IN. DIA | EACH | 0.000 | 24.000 | 24.000 | \$40.00 | \$960.00 | | \$960.00 | |
| 6.02 | Relocate Sanitary Sewer Clean-Out 3527 Indianapolis | EACH | 0.000 | 1.000 | 1.000 | \$600.00 | \$600.00 | | \$600.00 | |
| 6.03 | Remove and Relay Pipe P-5 | LF | 0.000 | 24.000 | 24.000 | \$17.00 | \$408.00 | | \$408.00 | |
| 6.04 | Adjustments for Pipe P-5 | EACH | 0.000 | 1.000 | 1.000 | \$600.00 | \$600.00 | | \$600.00 | |
| 6.05 | Adjustments for Pipe P-4 | LS | 0.000 | 1.000 | 1.000 | \$695.00 | \$695.00 | | \$695.00 | |
| 6.06 | Geotridge | LS | 0.000 | 24.000 | 24.000 | \$11.00 | \$264.00 | | \$264.00 | |
| 6.07 | Gutter eel | LS | 0.000 | 36.000 | 36.000 | \$11.00 | \$396.00 | | \$396.00 | |
| 7.01 | Erosion Stone for Ditch Checks | TON | 0.000 | 32.710 | 32.710 | \$45.00 | \$1,471.95 | | \$1,471.95 | |
| 7.02 | SLOPE PROTECTION, WOOD EXCELSIOR | SQ | 0.000 | 56.000 | 56.000 | \$31.78 | \$1,779.68 | | \$1,779.68 | |
| 7.03 | M-B Storm Manhole | EACH | 0.000 | 1.000 | 1.000 | \$4,500.00 | \$4,500.00 | | \$4,500.00 | |
| 7.04 | M-A Intake Modification | LS | 0.000 | 1.000 | 1.000 | \$1,050.00 | \$1,050.00 | | \$1,050.00 | |
| 8.01 | Concrete Flume | LS | 0.000 | 1.000 | 1.000 | \$2,200.00 | \$2,200.00 | | \$2,200.00 | |
| 8.02 | Sawing and Sealing Longitudinal Joints | LS | 0.000 | 1.000 | 1.000 | \$21,753.00 | \$21,753.00 | | \$21,753.00 | |
| 9.01 | PAINTED PAVT MARK, WATERBORNE/SOLVENT | STA | 0.000 | 183.130 | 183.130 | \$97.00 | \$17,763.61 | | \$17,763.61 | |
| 9.02 | PAINTED SYMBOL-LEGEND, WATERBORNE/SOLVENT | STA | 0.000 | 24.000 | 24.000 | \$100.00 | \$2,400.00 | | \$2,400.00 | |
| 9.03 | WATER METER PIT | EACH | 0.000 | 1.000 | 1.000 | \$3,850.00 | \$3,850.00 | | \$3,850.00 | |
| 10.01 | 8-Inch Water Service Transfer | LS | 0.000 | 1.000 | 1.000 | \$5,192.00 | \$5,192.00 | | \$5,192.00 | |
| 11.01 | Geotrid | SY | 0.000 | 285.270 | 285.270 | \$1.35 | \$385.11 | | \$385.11 | |
| 11.02 | PAINTED PAVT MARK, | STA | 0.000 | 32.060 | 32.060 | \$40.00 | \$1,282.40 | | \$1,282.40 | |
| 11.03 | Additional Sign | EACH | 0.000 | 3.000 | 3.000 | \$90.75 | \$272.25 | | \$272.25 | |
| 11.04 | Intake, SW-505 | EACH | 0.000 | 1.000 | 1.000 | \$3,200.00 | \$3,200.00 | | \$3,200.00 | |
| 12.01 | Hydro Mulching | ACRE | 0.000 | 0.800 | 0.800 | \$1,650.00 | \$1,320.00 | | \$1,320.00 | |
| 12.02 | Merge Sign | EACH | 0.000 | 2.000 | 2.000 | \$160.60 | \$321.20 | | \$321.20 | |
| 12.03 | Cold Weather Protection | SY | 0.000 | 4262.960 | 4262.960 | \$1.00 | \$4,262.96 | | \$4,262.96 | |

| LINE NO. | DESCRIPTION | UNIT | UNITS | | | CONSTRUCTED TO DATE | UNIT PRICE | DIVISION 1 TOTAL AMOUNT | DIVISION 2 TOTAL AMOUNT | TOTAL AMOUNT |
|---|--|------|-----------|------------|--------|---------------------|-------------------------|-------------------------|-------------------------|--------------|
| | | | ESTIMATED | AUTHORIZED | UNITS | | | | | |
| | | | | | | | | | | |
| 13.01 | VALVE, GATE, DIP, 8" | EACH | 0.000 | 1.000 | 1.000 | \$1,045.00 | | \$1,045.00 | \$1,045.00 | |
| 15.01 | Increased Manhole Diameter SW301 | LS | 0.000 | 1.000 | 1.000 | \$2,322.54 | \$2,322.54 | | \$2,322.54 | |
| 15.02 | Manhole Modifications for Adjustment of Fixtures | EACH | 0.000 | 14.000 | 14.000 | \$779.00 | \$10,906.00 | | \$10,906.00 | |
| 16.01 | Ductile Iron Pipe Material for CO 8037 | LS | 0.000 | 1.000 | 1.000 | \$412.50 | | \$412.50 | \$412.50 | |
| 17.01 | Anodized Cabinet | LS | 0.000 | 1.000 | 1.000 | \$1,981.00 | \$1,981.00 | | \$1,981.00 | |
| 17.02 | Detection Loop | EACH | 0.000 | 1.000 | 1.000 | \$550.00 | \$550.00 | | \$550.00 | |
| 18.01 | PAY ADJ I/D-PCC PAVT THICKNESS | EACH | 0.000 | 1.000 | 1.000 | \$29,149.18 | \$29,149.18 | | \$29,149.18 | |
| 19.01 | PIPE APRON GUARD, 15-IN | EACH | 0.000 | 1.000 | 1.000 | \$525.00 | \$525.00 | | \$525.00 | |
| 19.02 | PAY ADJ I/D-PCC PAVT SMOOTHNESS | EACH | 0.000 | 2.000 | 2.000 | \$400.00 | \$800.00 | | \$800.00 | |
| 19.03 | PAY ADJ I/D-PCC PAVT SMOOTHNESS | EACH | 0.000 | 4.000 | 4.000 | (\$500.00) | (\$2,000.00) | | (\$2,000.00) | |
| 19.04 | CURB GRINDING | LS | 0.000 | 1.000 | 1.000 | \$300.00 | \$300.00 | | \$300.00 | |
| 19.05 | REMOVAL OF PAVEMENT MARKINGS | LS | 0.000 | 1.000 | 1.000 | \$1,600.00 | \$1,600.00 | | \$1,600.00 | |
| 19.06 | PRICE ADJ LIQUIDATED DAMAGES | DAY | 0.000 | 9.000 | 9.000 | (\$500.00) | (\$4,500.00) | | (\$4,500.00) | |
| | | | | | | | DIVISION 1 TOTAL | \$3,893,179.75 | | |
| | | | | | | | DIVISION 2 TOTAL | | \$51,032.50 | |
| TOTAL CONTRACT AMOUNT PLUS CHANGE ORDERS | | | | | | | | | | |
| PARTIAL PAYMENT NO. 1 | | | | | | | \$3,944,212.25 | | | |
| PARTIAL PAYMENT NO. 2 | | | | | | | \$33,678.40 | | | |
| PARTIAL PAYMENT NO. 3 | | | | | | | \$156,849.26 | | | |
| PARTIAL PAYMENT NO. 4 | | | | | | | \$199,328.53 | | | |
| PARTIAL PAYMENT NO. 5 | | | | | | | \$126,007.90 | | | |
| PARTIAL PAYMENT NO. 6 | | | | | | | \$71,946.05 | | | |
| PARTIAL PAYMENT NO. 7 | | | | | | | \$6,247.31 | | | |
| PARTIAL PAYMENT NO. 8 | | | | | | | \$16,611.11 | | | |
| PARTIAL PAYMENT NO. 9 | | | | | | | \$233,254.20 | | | |
| PARTIAL PAYMENT NO. 10 | | | | | | | \$370,867.06 | | | |
| PARTIAL PAYMENT NO. 11 | | | | | | | \$444,382.81 | | | |
| PARTIAL PAYMENT NO. 12 | | | | | | | \$599,842.20 | | | |
| PARTIAL PAYMENT NO. 13 | | | | | | | \$128,381.32 | | | |
| PARTIAL PAYMENT NO. 14 | | | | | | | \$361,645.14 | | | |
| PARTIAL PAYMENT NO. 15 | | | | | | | \$228,919.63 | | | |
| PARTIAL PAYMENT NO. 16 | | | | | | | \$267,315.56 | | | |
| PARTIAL PAYMENT NO. 17 | | | | | | | \$358,574.65 | | | |
| PARTIAL PAYMENT NO. 18 | | | | | | | \$122,109.95 | | | |
| PARTIAL PAYMENT NO. 19 | | | | | | | \$10,144.00 | | | |
| PARTIAL PAYMENT NO. 20 | | | | | | | \$19,973.75 | | | |
| PARTIAL PAYMENT NO. 21 | | | | | | | \$38,563.82 | | | |
| PARTIAL PAYMENT NO. 22 | | | | | | | \$29,107.96 | | | |
| PARTIAL PAYMENT NO. 23 | | | | | | | \$64,678.38 | | | |
| PARTIAL PAYMENT NO. 24 | | | | | | | \$7,745.99 | | | |
| THIS PARTIAL PAYMENT | | | | | | | \$38,037.27 | | | |
| TOTAL PARTIAL PAYMENTS | | | | | | | \$0.00 | | | |
| | | | | | | | \$3,914,212.25 | | | |
| TOTAL | | | | | | | \$3,944,212.25 | | | |
| RETAINAGE | | | | | | | | \$50,000.00 | | |
| TOTAL LESS RETAINAGE | | | | | | | | \$3,914,212.25 | | |
| LESS PREVIOUS PAYMENT | | | | | | | | | | |
| AMOUNT DUE | | | | | | | | \$3,914,212.25 | | |
| | | | | | | | | \$0.00 | | |

PREPARED BY: 

CHECKED BY: 

CONTRACTOR: 

FINAL PAYMENT (PARTIAL PAYMENT NO. 25)