

Agenda Item is over 50 pages and can be viewed in the Minutes Department

Agenda Item #: 3-C-1

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: May 15, 2012       Consent       Regular  
    Workshop       Public Hearing

Department:

Submitted By: Engineering & Public Works

Submitted For: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

- A) A Contract with The Murphy Construction, Co. (Murphy), the lowest responsive, responsible bidder in the amount of \$966,784.00 for the construction of 10<sup>th</sup> Avenue North Bridge Over Keller Canal (Project); and
- B) A Budget Transfer of \$150,000 in the Road Program Sweeps Reserve and appropriate it to the Project's account.

**SUMMARY:** Approval of this Contract and Budget Transfer will allow Palm Beach County (County) to issue a Notice to Proceed to Murphy, a Palm Beach County company, to begin construction of the Project. The Palm Beach County Small Business Enterprise (SBE) goal for all project is 15% overall. The SBE participation proposed for the Project by Murphy is 17.09%.

District 3 (MRE)

**Background and Justification:** Bids for the Project were received by the Engineering Department on March 6, 2012. Murphy was the lowest responsive, responsible bidder. The Office of Small Business Assistance issued its evaluation on March 27, 2012. Time to complete all work under this contract shall be no more than 210 calendar days.

**Attachments:**

- 1. Location Sketch
- 2. Contracts
- 3. Contract Pages C-1B and C-2
- 4. SBE Evaluation Letter
- 5. Bid Tabulation
- 6. Budget Transfer

Recommended by:

*[Signature]*  
Division Director

*[Signature]*  
Date

4/15/12 *[Signature]*

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

| Fiscal Years                            | 2012               | 2013       | 2014       | 2015       | 2016       |
|---|--------------------|------------|------------|------------|------------|
| Capital Expenditures                    | \$1,076,277        | -0-        | -0-        | -0-        | -0-        |
| Operating Costs                         | -0-                | -0-        | -0-        | -0-        | -0-        |
| External Revenues                       | -0-                | -0-        | -0-        | -0-        | -0-        |
| Program Income (County)                 | -0-                | -0-        | -0-        | -0-        | -0-        |
| In-Kind Match (County)                  | -0-                | -0-        | -0-        | -0-        | -0-        |
| <b>NET FISCAL IMPACT</b>                | <b>\$1,076,277</b> | <b>-0-</b> | <b>-0-</b> | <b>-0-</b> | <b>-0-</b> |
| # ADDITIONAL FTE POSITIONS (Cumulative) |                    |            |            |            |            |

Is Item Included in Current Budget?                      Yes    X    No

**Budget Account No:**

Fund 3500    Dept 361    Unit 1329    Object 6551/6555  
 Fund 3500    Dept 361    Unit 9997    Object 9901

**Recommended Sources of Funds/Summary of Fiscal Impact:**

Transportation Improvement Fund  
 10<sup>th</sup> Avenue North over Keller Canal  
 Reserves - Road Program Sweeps

|                                      |                |
|--------------------------------------|----------------|
| Construction Contract                | \$966,784.00   |
| Contingency                          | \$ 29,004.00   |
| City of Lake Worth (Utility Work)    | \$ 4,537.92    |
| Testing Lab Services                 | \$ 3,000.00    |
| Traffic, Signing & Pavement Markings | \$ 4,450.80    |
| Staff Costs                          |                |
| Roadway Production                   | \$ 19,300.00   |
| Engineering Services                 | \$ 9,600.00    |
| Construction Coordination            | \$ 38,600.00   |
| Traffic                              | \$ 1,000.00    |
| Fiscal Impact                        | \$1,076,276.72 |

**C. Departmental Fiscal Review:**

*Alec Kovalainen*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Dev. and Control Comments:**

*[Signature]* 4/19/12  
 OFMB  
 SD 4/19/12  
 CC 4/17/12  
 X 4/17/12  
 [Signature]

*[Signature]* 4/25/12  
 Contract Dev. and Control  
 4-25-12 [Signature]

**B. Approved as to Form and Legal Sufficiency;**

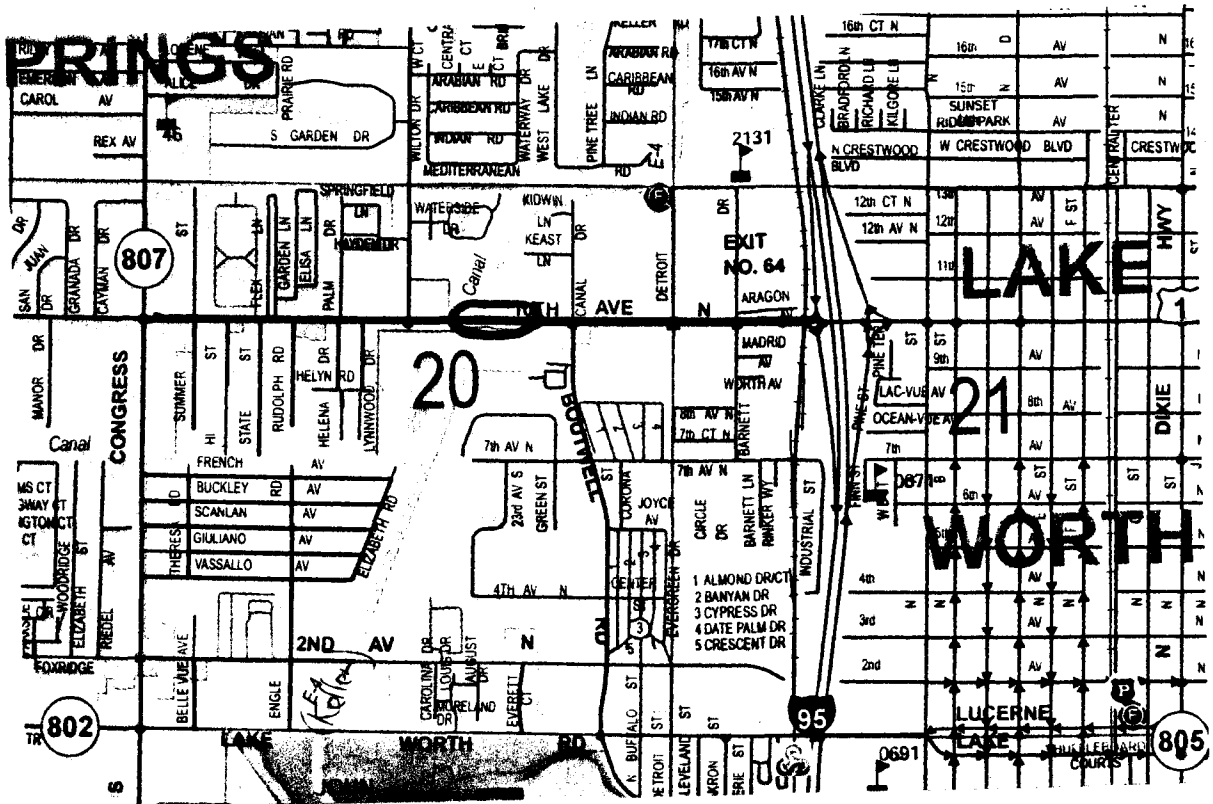
*[Signature]* 4/26/12  
 Assistant County Attorney

This Contract complies with our contract review requirements.

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

**PROJECT LOCATION**  
**10<sup>TH</sup> AVENUE NORTH BRIDGE**  
**OVER KELLER CANAL**  
**PALM BEACH COUNTY PROJECT NO. 2010500**



**CONTRACT**

STATE OF FLORIDA )

) SS

COUNTY OF PALM BEACH )

This Contract, made this \_\_\_\_ day of \_\_\_\_\_, A.D. 2012, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the party of the first part), and The Murphy Construction Co. of West Palm Beach, Florida, and their heirs, executors, administrators and assigns, (hereinafter called the party of the second part):

WITNESSETH: The party of the second part agrees with the said party of the first part, for the consideration herein mentioned at their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, and means of transportation for the complete construction of:

PROJECT NAME: 10<sup>TH</sup> AVENUE N. BRIDGE OVER KELLER CANAL

PROJECT NO.: 2010500

IN THE AMOUNT OF:  
**NINE HUNDRED SIXTY SIX THOUSAND, SEVEN HUNDRED EIGHTY FOUR DOLLARS 00/100**

(IN WORDS)

\$966,784.00  
(IN FIGURES)

in Palm Beach County, Florida, in the manner and to the full extent as set forth in the Contract Documents therefore and the Contract Documents relative thereto, are made a part of this Agreement as completely as if set forth herein, to the satisfaction of the party of the first part, or its duly authorized representative.

The said party of the second part further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within fourteen (14) calendar days of the date set forth in the "Notice to Proceed". The time limit for the completion of all work under this contract shall be calendar days, (see Special Provisions). The date fixing this period upon the calendar shall be established and stated in the "Notice to Proceed". After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully completed within the time limit. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages (in accordance with Section 8-10.2 of the Standard Specifications) and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK,  
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a  
Political Subdivision of the  
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Shelley Vana, Chair

\_\_\_\_\_  
APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

*[Signature]*  
\_\_\_\_\_  
APPROVED AS TO TERMS  
AND CONDITIONS

*[Signature]*  
\_\_\_\_\_  
(witness signature)

\_\_\_\_\_  
THE MURPHY CONSTRUCTION CO.  
(Corporate Name)

ELIZABETH SCOTT  
(witness name printed)

a Florida corporation  
(insert state of incorporation)

*[Signature]*  
\_\_\_\_\_  
(witness signature)

By: *[Signature]*  
\_\_\_\_\_  
(signature)

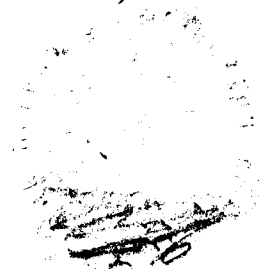
Mona Pierro  
(witness name printed)

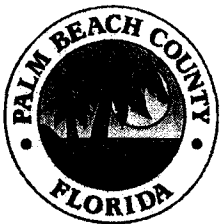
\_\_\_\_\_  
John E. Murphy  
(print signatory's name)

Its President & CEO  
(print title)

April 5, 2012  
(date of execution)

(Corporate Seal)





Office of  
**Small Business Assistance**  
 50 South Military Trail, Suite 202  
 West Palm Beach, FL 33415  
 (561) 616-6840  
 Fax: (561) 616-6850  
 www.pbcgov.com/ofsba

**Palm Beach County  
 Board of County  
 Commissioners**

Shelley Vana, Chair

Steven L. Abrams, Vice Chairman

Karen T. Marcus

Paulette Burdick

Burt Aaronson

Jess R. Santamaria

Priscilla A. Taylor

**County Administrator**

Robert Weisman

**DATE:** March 27, 2012  
**TO:** David Young, P.E., Special Projects Manager  
 Roadway Production Division  
**THROUGH:** Allen Gray - Manger, Palm Beach County Office of  
 Small Business Assistance *A. Gray*  
**FROM:** Tanoy Williams, Compliance Specialist II *TW*  
**SUBJECT:** Compliance Review on Project No. 2010500  
 10<sup>th</sup> Avenue N. Bridge Over Keller Canal

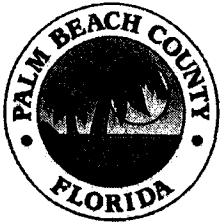
The following is a Compliance Review of SBE participation on the above-mentioned project.

**LOW BIDDER:** **THE MURPHY CONSTRUCTION COMPANY**  
 1615 Clare Avenue  
 West Palm Beach, FL 33401  
 Bid Opening: March 6, 2012  
 Bid Amount: \$948,142.00  
**Goal: 15% Overall**  
**Goal Achieved: 17.09%**

**SBE Participation:**

|      |                  |                     |               |
|------|------------------|---------------------|---------------|
| (BL) | All Phase        | \$33,820.50         | 3.56%         |
| (SB) | Coral Steel      | \$ 9,387.89         | 0.99%         |
| (WB) | Southeast Atten. | \$49,452.74         | 5.21%         |
| (SB) | Treecycle        | \$ 7,650.00         | 0.81%         |
| (SB) | Agricul. Land    | \$ 1,584.00         | 0.17%         |
| (SB) | Rielly           | \$60,177.75         | 6.35%         |
|      |                  | <b>\$162,072.88</b> | <b>17.09%</b> |

"An Equal Opportunity  
 Affirmative Action Employer"



**2<sup>ND</sup> LOW BIDDER:**

**JW CHEATHAM, LLC**  
 7396 WEST PORT PLACE  
 WEST PALM BEACH, FL

Bid Amount: \$1,013,393.80  
 Goal: **15% Overall**  
 Goal Achieved: **34.55%**

SBE Participation:

|                                    |                     |               |
|------------------------------------|---------------------|---------------|
| (SB) <sup>1</sup> Drawdy Construc. | \$370,906.00        |               |
|                                    | <u>- 20,700.00</u>  |               |
|                                    | <b>\$350,206.00</b> | <b>34.55%</b> |

**3<sup>RD</sup> LOW BIDDER:**

**CONSTRUCT GROUP CORP.**  
 12101 NW 98<sup>th</sup> Avenue  
 Suite 8  
 Hialeah Gardens, FL  
 (305)824-8845

Bid Amount: \$1,095,739.10  
 Goal: **15% Overall**  
 Goal Achieved: **5.46%**

SBE Participation:

|                          |                    |              |
|--------------------------|--------------------|--------------|
| (SB) FineLine Striping   | \$4,525.00         | 0.42%        |
| (SB) Caulfield & Wheeler | \$3,000.00         | 0.27%        |
| (SB) Testing Lab         | \$1,345.00         | 0.12%        |
| (WB) Southeast Atten.    | <u>\$50,993.68</u> | <u>4.65%</u> |
|                          | <b>\$59,863.68</b> | <b>5.46%</b> |

EVALUATION

The low bidder, **THE MURPHY CONSTRUCTION COMPANY**, has met the SBE goal for this project.

c: Tammy Fields, Assistant County Attorney  
 File

<sup>1</sup> Deducted \$20,700.00 because it is a contingency item which is not included in the calculations.

**10 TH AVENUE NORTH  
OVER KELLER CANAL (E-4)  
BRIDGE IMPROVEMENTS  
P.B.C. PROJECT NO. 2010500**

|  |  | THE MURPHY CONSTRUCTION CO. |       |             |                     | J. W. CHEATHAM, LLC |                     | CONSTRUCT GROUP CORP. |                     | AVERAGE OF BID ITEMS | ENGINEERS ESTIMATE |
|--|--|-----------------------------|-------|-------------|---------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|--------------------|
|  | ITEM DESCRIPTION   | QTY                         | UNITS | UNIT PRICE  | AMOUNT              | UNIT PRICE          | AMOUNT              | UNIT PRICE            | AMOUNT              |                      |                    |
| <b>ALTERNATE BID # 1 - SOUTH &amp; NORTH SIDE IMPROVEMENTS</b> |  |                             |       |             |                     |                     |                     |                       |                     |                      |                    |
| <b>REGULAR ROADWAY PAY ITEMS</b>                               |  |                             |       |             |                     |                     |                     |                       |                     |                      |                    |
| 1  | MOBILIZATION   | 1                           | LS    | \$52,300.00 | \$52,300.00         | \$53,250.00         | \$53,250.00         | \$95,000.00           | \$95,000.00         | \$66,850.00          | \$11,000.00        |
| 2  | MAINTENANCE OF TRAFFIC (INCLUDES PEDESTRIAN MOT)                                 | 1                           | LS    | \$40,800.00 | \$40,800.00         | \$77,300.00         | \$77,300.00         | \$40,000.00           | \$40,000.00         | \$52,700.00          | \$16,000.00        |
| 3  | NPDES COMPLIANCE (SEE SP'S)  | 1                           | LS    | \$910.00    | \$910.00            | \$3,000.00          | \$3,000.00          | \$3,500.00            | \$3,500.00          | \$2,470.00           | \$7,687.00         |
| 4  | CLEARING & GRUBBING  | 1                           | LS    | \$32,300.00 | \$32,300.00         | \$78,000.00         | \$78,000.00         | \$96,000.00           | \$96,000.00         | \$68,766.67          | \$6,000.00         |
| 5  | TYPE S-III ASPHALTIC CONCRETE (1")   | 226                         | TN    | \$130.00    | \$29,380.00         | \$124.00            | \$28,024.00         | \$133.00              | \$30,058.00         | \$129.00             | \$4.65             |
| 6  | MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)                                   | 3,906                       | SY    | \$3.00      | \$11,718.00         | \$2.20              | \$8,593.20          | \$2.85                | \$11,132.10         | \$2.68               | \$2.00             |
| 7  | CONCRETE SIDEWALK 6"   | 187                         | SY    | \$38.00     | \$7,106.00          | \$35.00             | \$6,545.00          | \$57.00               | \$10,659.00         | \$43.33              | \$30.30            |
| 8  | PIPE GUIDERAIL (STEEL)   | 256                         | LF    | \$27.00     | \$6,912.00          | \$24.25             | \$6,208.00          | \$27.10               | \$6,937.60          | \$26.12              | \$26.18            |
| 9  | RIP-RAP (ARTICULATING BLOCK)   | 309                         | SY    | \$236.00    | \$72,924.00         | \$220.00            | \$67,980.00         | \$90.00               | \$27,810.00         | \$182.00             | \$127.40           |
| 10   | FLOATING TURBIDITY BARRIER   | 400                         | LF    | \$10.00     | \$4,000.00          | \$4.00              | \$1,600.00          | \$12.00               | \$4,800.00          | \$8.67               | \$10.00            |
| 11   | GUARDRAIL (ROADWAY)  | 244                         | LF    | \$20.00     | \$4,880.00          | \$31.00             | \$7,564.00          | \$39.00               | \$9,516.00          | \$30.00              | \$21.15            |
| 12   | SPECIAL GUARDRAIL POSTS  | 10                          | EA    | \$180.00    | \$1,800.00          | \$160.00            | \$1,600.00          | \$177.00              | \$1,770.00          | \$172.33             | \$140.00           |
| 13   | END ANCHORAGE ASSEMBLIES (BRIDGE)  | 4                           | EA    | \$2,200.00  | \$8,800.00          | \$1,950.00          | \$7,800.00          | \$2,200.00            | \$8,800.00          | \$2,116.67           | \$2,010.00         |
| 14   | IMPACT ATTENUATOR (QUADGUARD)  | 1                           | EA    | \$16,400.00 | \$16,400.00         | \$14,580.00         | \$14,580.00         | \$16,000.00           | \$16,000.00         | \$15,660.00          | \$16,000.00        |
| 15   | END ANCHORAGE ASSEMBLIES (ET-2000)   | 3                           | EA    | \$2,200.00  | \$6,600.00          | \$2,000.00          | \$6,000.00          | \$2,200.00            | \$6,600.00          | \$2,133.33           | \$2,000.00         |
| 16   | SODDING  | 198                         | SY    | \$10.00     | \$1,980.00          | \$10.00             | \$1,980.00          | \$4.00                | \$792.00            | \$8.00               | \$1.65             |
| 17   | ADJUST VALVE BOX (INCLUDES CONCRETE COLLAR)                                      | 1                           | EA    | \$360.00    | \$360.00            | \$325.00            | \$325.00            | \$3,250.00            | \$3,250.00          | \$1,311.67           | \$240.00           |
| 18   | DRAINAGE PIPE MODIFICATION   | 1                           | LS    | \$3,000.00  | \$3,000.00          | \$2,700.00          | \$2,700.00          | \$6,000.00            | \$6,000.00          | \$3,900.00           | \$2,000.00         |
| 19   | SUPPORT, PROTECT & REINSTALL W.M. & APPURTENANCES                                | 1                           | LS    | \$46,000.00 | \$46,000.00         | \$41,040.00         | \$41,040.00         | \$7,275.00            | \$7,275.00          | \$31,438.33          | \$10,000.00        |
| 20   | SUPPORT & PROTECT F.M. & APPURTENANCES   | 1                           | LS    | \$4,200.00  | \$4,200.00          | \$1,000.00          | \$1,000.00          | \$6,000.00            | \$6,000.00          | \$3,733.33           | \$2,000.00         |
| 21   | 2-2" PVC CONDUITS (SCH 40) TRAFFIC FIBER OPTIC CABLE                             | 150                         | LF    | \$18.00     | \$2,700.00          | \$20.00             | \$3,000.00          | \$17.50               | \$2,625.00          | \$18.50              | \$2.10             |
| 22   | PULL BOX (LARGE)   | 2                           | EA    | \$550.00    | \$1,100.00          | \$2,000.00          | \$4,000.00          | \$1,200.00            | \$2,400.00          | \$1,250.00           | \$1,322.00         |
| <b>TOTAL REGULAR ROADWAY ITEMS</b>                             |  |                             |       |             | <b>\$356,170.00</b> |                     | <b>\$422,089.20</b> |                       | <b>\$396,924.70</b> |                      |                    |
| <b>BRIDGE IMPROVEMENTS</b>                                     |  |                             |       |             |                     |                     |                     |                       |                     |                      |                    |
| 23   | CONCRETE CLASS II (SUPERSTRUCTURE)   | 1                           | CY    | \$5,830.00  | \$5,830.00          | \$903.00            | \$903.00            | \$4,500.00            | \$4,500.00          | \$3,744.33           | \$742.00           |
| 24   | CONCRETE CLASS II (APPROACH SLABS) (INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES) | 30.2                        | CY    | \$710.00    | \$21,442.00         | \$630.00            | \$19,026.00         | \$715.00              | \$21,593.00         | \$685.00             | \$326.89           |
| 25   | CONCRETE CLASS IV (SUBSTRUCTURE)   | 30                          | CY    | \$651.00    | \$19,530.00         | \$630.00            | \$18,900.00         | \$1,435.00            | \$43,050.00         | \$905.33             | \$921.44           |
| 26   | COMPOSITE NEOPRENE PADS  | 1.5                         | CF    | \$2,160.00  | \$3,240.00          | \$504.00            | \$756.00            | \$75.00               | \$112.50            | \$913.00             | \$585.16           |
| 27   | REINFORCING STEEL (SUPERSTRUCTURE)   | 72                          | LB    | \$4.00      | \$288.00            | \$90.00             | \$6,480.00          | \$4.00                | \$288.00            | \$32.67              | \$0.75             |
| 28   | REINFORCING STEEL (APPROACH SLAB) (INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES)  | 6,912                       | LB    | \$1.00      | \$6,912.00          | \$1.60              | \$11,059.20         | \$1.45                | \$10,022.40         | \$1.35               | \$0.80             |
| 29   | REINFORCING STEEL (SUBSTRUCTURE)   | 3,844                       | LB    | \$1.00      | \$3,844.00          | \$2.10              | \$8,072.40          | \$1.75                | \$6,727.00          | \$1.62               | \$1.01             |
| 30   | PRESTRESSED SLAB UNIT  | 182                         | LF    | \$390.00    | \$70,980.00         | \$336.00            | \$61,152.00         | \$280.00              | \$50,960.00         | \$335.33             | \$174.97           |



**10 TH AVENUE NORTH  
OVER KELLER CANAL (E-4)  
BRIDGE IMPROVEMENTS  
P.B.C. PROJECT NO. 2010500**

Attachment # 5

|   |  | THE MURPHY CONSTRUCTION CO. |       |              |              | J. W. CHEATHAM, LLC |                | CONSTRUCT GROUP CORP. |                | AVERAGE OF BID ITEMS | ENGINEERS ESTIMATE |
|---|--|-----------------------------|-------|--------------|--------------|---------------------|----------------|-----------------------|----------------|----------------------|--------------------|
|   | ITEM DESCRIPTION   | QTY                         | UNITS | UNIT PRICE   | AMOUNT       | UNIT PRICE          | AMOUNT         | UNIT PRICE            | AMOUNT         |                      |                    |
| 31  | BRIDGE DECK EXPANSION JOINT (NEW CONST-F&I)(POURED WITH BACKER ROD)<br>(INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES) | 74                          | LF    | \$55.00      | \$4,070.00   | \$58.00             | \$4,292.00     | \$25.00               | \$1,850.00     | \$46.00              | \$36.51            |
| 32  | ALUMINUM BULLET RAILING (SINGLE RAIL)  | 266                         | LF    | \$33.00      | \$8,778.00   | \$42.00             | \$11,172.00    | \$33.75               | \$8,977.50     | \$36.25              | \$40.00            |
| 33  | BRIDGE DRAINAGE PIPING   | 200                         | LF    | \$194.00     | \$38,800.00  | \$170.00            | \$34,000.00    | \$125.25              | \$25,050.00    | \$163.08             | \$75.57            |
| 34  | CONCRETE TRAFFIC RAILING BARRIER (BRIDGE)  | 266                         | LF    | \$220.00     | \$58,520.00  | \$53.00             | \$14,098.00    | \$80.00               | \$21,280.00    | \$117.67             | \$77.23            |
| 35  | SOIL ANCHOR  | 12                          | EA    | \$2,480.00   | \$29,760.00  | \$3,675.00          | \$44,100.00    | \$4,820.00            | \$57,840.00    | \$3,658.33           | \$1,035.00         |
| 36  | SOIL ANCHOR PERFORMANCE TEST   | 4                           | EA    | \$3,290.00   | \$13,160.00  | \$4,830.00          | \$19,320.00    | \$7,700.00            | \$30,800.00    | \$5,273.33           | \$5,000.00         |
| 37  | PEDESTRIAN/BICYCLE RAILING (STEEL/42")   | 88                          | LF    | \$66.00      | \$5,808.00   | \$90.00             | \$7,920.00     | \$65.50               | \$5,764.00     | \$73.83              | \$77.23            |
| 38  | PREFABRICATED PEDESTRIAN BRIDGE SYSTEMS  | 2                           | LS    | \$150,505.00 | \$301,010.00 | \$165,027.00        | \$330,054.00   | \$205,000.00          | \$410,000.00   | \$173,510.67         | \$139,260.00       |
| <b>TOTAL BRIDGE ITEMS</b>                               |  |                             |       |              | \$591,972.00 |                     | \$591,304.60   |                       | \$698,814.40   |                      |                    |
| <b>CONTINGENCY ITEMS</b>                                |  |                             |       |              |              |                     | \$0.00         |                       | \$0.00         |                      |                    |
| 39  | VARIABLE MESSAGE BOARD (NON-MOT)   | 10                          | ED    | \$22.00      | \$220.00     | \$21.00             | \$210.00       | \$30.00               | \$300.00       | \$24.33              | \$108.20           |
| 40  | OFF-DUTY OFFICER (NON-MOT)   | 50                          | MH    | \$61.00      | \$3,050.00   | \$50.00             | \$2,500.00     | \$60.00               | \$3,000.00     | \$57.00              | \$61.47            |
| 41  | SHEAR LOCK ALTERNATIVE   | 36                          | EA    | \$427.00     | \$15,372.00  | \$604.00            | \$21,744.00    | \$500.00              | \$18,000.00    | \$510.33             | \$350.00           |
| <b>TOTAL CONTINGENCY ITEMS</b>                          |  |                             |       |              | \$18,642.00  |                     | \$24,454.00    |                       | \$21,300.00    |                      |                    |
| <b>TOTAL ALTERNATE BID NO. 1</b>                        |  |                             |       |              | \$966,784.00 |                     | \$1,037,847.80 |                       | \$1,117,039.10 |                      |                    |
| <b>ALTERNATE BID # 2 - NORTH SIDE IMPROVEMENTS ONLY</b> |  |                             |       |              |              |                     |                |                       |                |                      |                    |
| <b>REGULAR ROADWAY PAY ITEMS</b>                        |  |                             |       |              |              |                     |                |                       |                |                      |                    |
| 42  | MOBILIZATION   | 1                           | LS    | \$34,700.00  | \$34,700.00  | \$46,150.00         | \$46,150.00    | \$40,000.00           | \$40,000.00    | \$40,283.33          | \$11,000.00        |
| 43  | MAINTENANCE OF TRAFFIC (INCLUDES PEDESTRIAN MOT)   | 1                           | LS    | \$33,000.00  | \$33,000.00  | \$45,587.00         | \$45,587.00    | \$32,000.00           | \$32,000.00    | \$36,862.33          | \$16,000.00        |
| 44  | NPDES COMPLIANCE (SEE SP'S)  | 1                           | LS    | \$455.00     | \$455.00     | \$3,000.00          | \$3,000.00     | \$3,000.00            | \$3,000.00     | \$2,151.67           | \$7,687.00         |
| 45  | CLEARING & GRUBBING  | 1                           | LS    | \$11,800.00  | \$11,800.00  | \$39,650.00         | \$39,650.00    | \$48,000.00           | \$48,000.00    | \$33,150.00          | \$6,000.00         |
| 46  | TYPE S-III ASPHALTIC CONCRETE (1")   | 226                         | TN    | \$133.00     | \$30,058.00  | \$124.00            | \$28,024.00    | \$133.00              | \$30,058.00    | \$130.00             | \$4.65             |
| 47  | MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)   | 3,906                       | SY    | \$3.00       | \$11,718.00  | \$2.20              | \$8,593.20     | \$2.85                | \$11,132.10    | \$2.68               | \$2.00             |
| 48  | CONCRETE SIDEWALK 6"   | 109                         | SY    | \$38.00      | \$4,142.00   | \$40.00             | \$4,360.00     | \$57.00               | \$6,213.00     | \$45.00              | \$30.30            |
| 49  | PIPE GUIDERAIL (STEEL)   | 170                         | LF    | \$27.00      | \$4,590.00   | \$25.00             | \$4,250.00     | \$27.10               | \$4,607.00     | \$26.37              | \$26.18            |
| 50  | RIP-RAP (ARTICULATING BLOCK)   | 155                         | SY    | \$236.00     | \$36,580.00  | \$215.00            | \$33,325.00    | \$93.10               | \$14,430.50    | \$181.37             | \$127.40           |
| 51  | FLOATING TURBIDITY BARRIER   | 200                         | LF    | \$10.00      | \$2,000.00   | \$16.00             | \$3,200.00     | \$12.00               | \$2,400.00     | \$12.67              | \$10.00            |
| 52  | GUARDRAIL (ROADWAY)  | 163                         | LF    | \$21.00      | \$3,423.00   | \$31.00             | \$5,053.00     | \$39.00               | \$6,357.00     | \$30.33              | \$21.15            |
| 53  | SPECIAL GUARDRAIL POSTS  | 5                           | EA    | \$178.00     | \$890.00     | \$160.00            | \$800.00       | \$177.00              | \$885.00       | \$171.67             | \$140.00           |
| 54  | END ANCHORAGE ASSEMBLIES (BRIDGE)  | 2                           | EA    | \$2,190.00   | \$4,380.00   | \$1,950.00          | \$3,900.00     | \$2,200.00            | \$4,400.00     | \$2,113.33           | \$2,010.00         |
| 55  | END ANCHORAGE ASSEMBLIES (ET-2000)   | 2                           | EA    | \$2,190.00   | \$4,380.00   | \$2,000.00          | \$4,000.00     | \$2,200.00            | \$4,400.00     | \$2,130.00           | \$2,000.00         |
| 56  | SODDING  | 118                         | SY    | \$10.00      | \$1,180.00   | \$10.00             | \$1,180.00     | \$4.00                | \$472.00       | \$8.00               | \$1.65             |
| 57  | DRAINAGE PIPE MODIFICATION   | 1                           | LS    | \$3,030.00   | \$3,030.00   | \$2,700.00          | \$2,700.00     | \$3,000.00            | \$3,000.00     | \$2,910.00           | \$2,000.00         |
| 58  | SUPPORT & PROTECT F.M. & APPURTENANCES   | 1                           | LS    | \$4,242.00   | \$4,242.00   | \$1,000.00          | \$1,000.00     | \$3,000.00            | \$3,000.00     | \$2,747.33           | \$2,000.00         |
| <b>TOTAL REGULAR ROADWAY ITEMS</b>                      |  |                             |       |              | \$190,568.00 |                     | \$220,000.00   |                       | \$220,000.00   |                      |                    |

**10 TH AVENUE NORTH  
OVER KELLER CANAL (E-4)  
BRIDGE IMPROVEMENTS  
P.B.C. PROJECT NO. 2010500**

**Attachment # 5**

|                                  |   | THE MURPHY CONSTRUCTION CO. |       |              |                     | J. W. CHEATHAM, LLC |                     | CONSTRUCT GROUP CORP. |                     | AVERAGE OF BID ITEMS | ENGINEERS ESTIMATE |
|----------------------------------|---|-----------------------------|-------|--------------|---------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|--------------------|
|                                  | ITEM DESCRIPTION  | QTY                         | UNITS | UNIT PRICE   | AMOUNT              | UNIT PRICE          | AMOUNT              | UNIT PRICE            | AMOUNT              |                      |                    |
| <b>BRIDGE ITEMS</b>              |   |                             |       |              |                     |                     |                     |                       |                     |                      |                    |
| 59                               | CONCRETE CLASS II (SUPERSTRUCTURE)  | 0.5                         | CY    | \$10,930.00  | \$5,465.00          | \$1,575.00          | \$787.50            | \$4,500.00            | \$2,250.00          | \$5,668.33           | \$742.00           |
| 60                               | CONCRETE CLASS II (APPROACH SLABS) (INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES)                                  | 15.1                        | CY    | \$700.00     | \$10,570.00         | \$1,000.00          | \$15,100.00         | \$688.00              | \$10,388.80         | \$796.00             | \$326.89           |
| 61                               | CONCRETE CLASS IV (SUBSTRUCTURE)  | 15                          | CY    | \$725.00     | \$10,875.00         | \$840.00            | \$12,600.00         | \$1,435.00            | \$21,525.00         | \$1,000.00           | \$921.44           |
| 62                               | COMPOSITE NEOPRENE PADS   | 0.75                        | CF    | \$2,160.00   | \$1,620.00          | \$1,260.00          | \$945.00            | \$75.00               | \$56.25             | \$1,165.00           | \$585.16           |
| 63                               | REINFORCING STEEL (SUPERSTRUCTURE)  | 36                          | LB    | \$7.00       | \$252.00            | \$48.00             | \$1,728.00          | \$3.92                | \$141.12            | \$19.64              | \$0.75             |
| 64                               | REINFORCING STEEL (APPROACH SLAB) (INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES)                                   | 3,456                       | LB    | \$1.00       | \$3,456.00          | \$2.65              | \$9,158.40          | \$1.40                | \$4,838.40          | \$1.68               | \$0.80             |
| 65                               | REINFORCING STEEL (SUBSTRUCTURE)  | 1,922                       | LB    | \$1.00       | \$1,922.00          | \$1.60              | \$3,075.20          | \$1.70                | \$3,267.40          | \$1.43               | \$1.01             |
| 66                               | PRESTRESSED SLAB UNIT   | 91                          | LF    | \$420.00     | \$38,220.00         | \$347.00            | \$31,577.00         | \$280.00              | \$25,480.00         | \$349.00             | \$174.97           |
| 67                               | BRIDGE DECK EXPANSION JOINT (NEW CONST-F&I)(POURED WITH BACKER ROD) (INCL ROADWAY & PEDESTRIAN BRIDGE QUANTITIES) | 37                          | LF    | \$88.00      | \$3,256.00          | \$116.00            | \$4,292.00          | \$25.00               | \$925.00            | \$76.33              | \$36.51            |
| 68                               | ALUMINUM BULLET RAILING (SINGLE RAIL)   | 133                         | LF    | \$33.00      | \$4,389.00          | \$56.00             | \$7,448.00          | \$32.50               | \$4,322.50          | \$40.50              | \$40.00            |
| 69                               | BRIDGE DRAINAGE PIPING  | 100                         | LF    | \$230.00     | \$23,000.00         | \$205.00            | \$20,500.00         | \$116.50              | \$11,650.00         | \$183.83             | \$75.57            |
| 70                               | CONCRETE TRAFFIC RAILING BARRIER (BRIDGE)   | 133                         | LF    | \$195.00     | \$25,935.00         | \$121.00            | \$16,093.00         | \$80.00               | \$10,640.00         | \$132.00             | \$77.23            |
| 71                               | SOIL ANCHOR   | 6                           | EA    | \$3,272.00   | \$19,632.00         | \$6,510.00          | \$39,060.00         | \$4,820.00            | \$28,920.00         | \$4,867.33           | \$1,035.00         |
| 72                               | SOIL ANCHOR PERFORMANCE TEST  | 2                           | EA    | \$3,757.00   | \$7,514.00          | \$8,820.00          | \$17,640.00         | \$7,700.00            | \$15,400.00         | \$6,759.00           | \$5,000.00         |
| 73                               | PEDESTRIAN/BICYCLE RAILING (STEEL/42")  | 44                          | LF    | \$66.00      | \$2,904.00          | \$242.00            | \$10,648.00         | \$65.50               | \$2,882.00          | \$124.50             | \$77.23            |
| 74                               | PREFABRICATED PEDESTRIAN BRIDGE SYSTEMS   | 1                           | LS    | \$145,100.00 | \$145,100.00        | \$173,427.00        | \$173,427.00        | \$173,200.00          | \$173,200.00        | \$163,909.00         | \$139,260.00       |
| <b>TOTAL BRIDGE ITEMS</b>        |   |                             |       |              | <b>\$304,110.00</b> |                     | <b>\$364,079.10</b> |                       | <b>\$315,886.47</b> |                      |                    |
| <b>CONTINGENCY ITEMS</b>         |   |                             |       |              |                     |                     |                     |                       |                     |                      |                    |
| 75                               | VARIABLE MESSAGE BOARD (NON-MOT)  | 10                          | ED    | \$22.00      | \$220.00            | \$21.00             | \$210.00            | \$30.00               | \$300.00            | \$24.33              | \$108.20           |
| 76                               | OFF-DUTY OFFICER (NON-MOT)  | 50                          | MH    | \$61.00      | \$3,050.00          | \$50.00             | \$2,500.00          | \$60.00               | \$3,000.00          | \$57.00              | \$61.47            |
| 77                               | SHEAR LOCK ALTERNATIVE  | 18                          | EA    | \$436.00     | \$7,848.00          | \$420.00            | \$7,560.00          | \$500.00              | \$9,000.00          | \$452.00             | \$350.00           |
| <b>TOTAL CONTINGENCY ITEMS</b>   |   |                             |       |              | <b>\$11,118.00</b>  |                     | <b>\$10,270.00</b>  |                       | <b>\$12,300.00</b>  |                      |                    |
| <b>TOTAL ALTERNATE BID NO. 2</b> |   |                             |       |              | <b>\$505,796.00</b> |                     | <b>\$609,121.50</b> |                       | <b>\$542,541.67</b> |                      |                    |

**10 TH AVENUE NORTH  
OVER KELLER CANAL (E-4)  
BRIDGE IMPROVEMENTS  
P.B.C. PROJECT NO. 2010500**

**SIGNING & PAVEMENT MARKING PLANS ARE PROVIDED FOR INFORMATION ONLY - NO BID REQUIRED**

**THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS**

**PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE**

BASEROCK & ASPHALTIC CONCRETE ITEMS INCLUDE BITUMINOUS MATERIAL & TACK COAT AS REQUIRED.

CONTRACTOR IS RESPONSIBLE FOR "TRENCH SAFETY COMPLIANCE" IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND GENERAL PROVISION Sect. 125-1.1.

SODDING - SHALL BE IN ACCORDANCE WITH SECTION 575 OF THE GENERAL PROVISIONS OF THIS SPECIFICATION.

CHANGEABLE (VARIABLE) MESSAGE SIGN (NON-MOT) AND TRAFFIC CONTROL OFFICERS (NON-MOT) SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL PROVISIONS (Section 102).

SHEAR LOCK ALTERNATIVE SHALL INCLUDE ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED FOR INSTALLATION.

+ Indicates a discrepancy/error in the item.

Working days to complete project: 210 calendar days

Bids as read at opening of Tuesday, March 6, 2012; 2PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Joseph M. Totino, Project Coordinator II

Checked by: David Young, P.E., Special Projects Program Manager

2012 \_\_\_\_\_

Page 1 of 1

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY  
BUDGET Transfer**

BGEX 040412-1267

FUND Transportation Improvement

| ACCOUNT NUMBER  | ACCOUNT NAME               | ORIGINAL BUDGET | CURRENT BUDGET | INCREASE | DECREASE       | ADJUSTED BUDGET | EXPENDED/ ENCUMBERED AS OF 04/04/12 | REMAINING BALANCE |
|---|----------------------------|-----------------|----------------|----------|----------------|-----------------|-------------------------------------|-------------------|
| <b><u>10<sup>TH</sup> AVE NORTH OVER KELLER CANAL</u></b> |                            |                 |                |          |                |                 |                                     |                   |
| 3500-361-1329-6551  | Road & Street Improvements | 0               | 924,000        | 150,000  | 0              | 1,074,000       | 0                                   | 1,074,000         |
| <b><u>RESERVES-ROAD PROGRAM SWEEPS</u></b>                |                            |                 |                |          |                |                 |                                     |                   |
| 3500-361-9997-9901  | Contingency Reserves       | 21,661          | 18,273,771     | <u>0</u> | <u>150,000</u> | 18,423,771      |                                     |                   |
|   |                            |                 |                | 150,000  | 150,000        |                 |                                     |                   |

SIGNATURE

DATE

By Board of County Commissioners  
At Meeting of 05/15/12

Engineering &amp; Public Works

4/4/12

Administration / Budget Approval

OFMB Department – Posted

Deputy Clerk to the  
Board of County Commissioners