

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: November 6, 2007 Consent [X] Regular []
Public Hearing []

Submitted By: Water Utilities Department
Submitted For: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 4 to the Contract with Lanzo Construction, Inc. (R2006-2466) for the Northern Region Utility Pipeline Phase III increasing the contract price by \$146,759.40 and increasing the contract time by 10 days.



Summary: Change Order No. 4 authorizes the Contractor to perform additional work consisting of items 1 through 6 outlined in the description of work for the Northern Region Utility Pipeline Project Phase III. Total change orders to date, excluding the \$3,631,703.07 sales tax recovery program change order, equals \$229,674.52 (2.48% increase). The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15.00% overall. This Change Order includes zero SBE participation. The contract with Lanzo Construction Co. provides for SBE participation of 15.60%. The cumulative SBE participation, including this Change Order, is 24.74% overall.

(WUD Project No. 05-061) District 1 (JM)

Background and Justification: The County has several services commitments throughout the western communities necessitating construction of water and wastewater transmission mains. The Northern Utility Improvement Project – Phase III is an important link in extending the Department's water and wastewater utility service to northern Palm Beach County including the Beeline Community Development District. On November 21, 2006, the Board approved contract with Lanzo Construction (R2006-2466), allowing the County to Construct the Northern Region Utility Pipeline in the unincorporated area in the amount of \$9,264,000.00. This Change Order will provide additional work consisting of items 1 through 6 outlined in the description of work for the Northern Region Utility Pipeline Project Phase III.

Attachments:

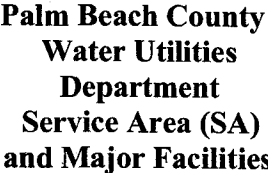
1. Location Map
2. Two (2) Original Change Order No. 4

Recommended By:  10/19/07
Department Director Date
Approved By:  10/22/07
Assistant County Administrator Date

Budget Account No.: Fund 4011 Dept 721 Unit WO06 Object 6543 (50%)
Budget Account No.: Fund 4011 Dept 721 Unit W006 Object 6547 (50%)

Reporting Category **N/A**

This summary is not to be used as a basis for payment.



Asset Management Program - Phase IC Scope Reduction

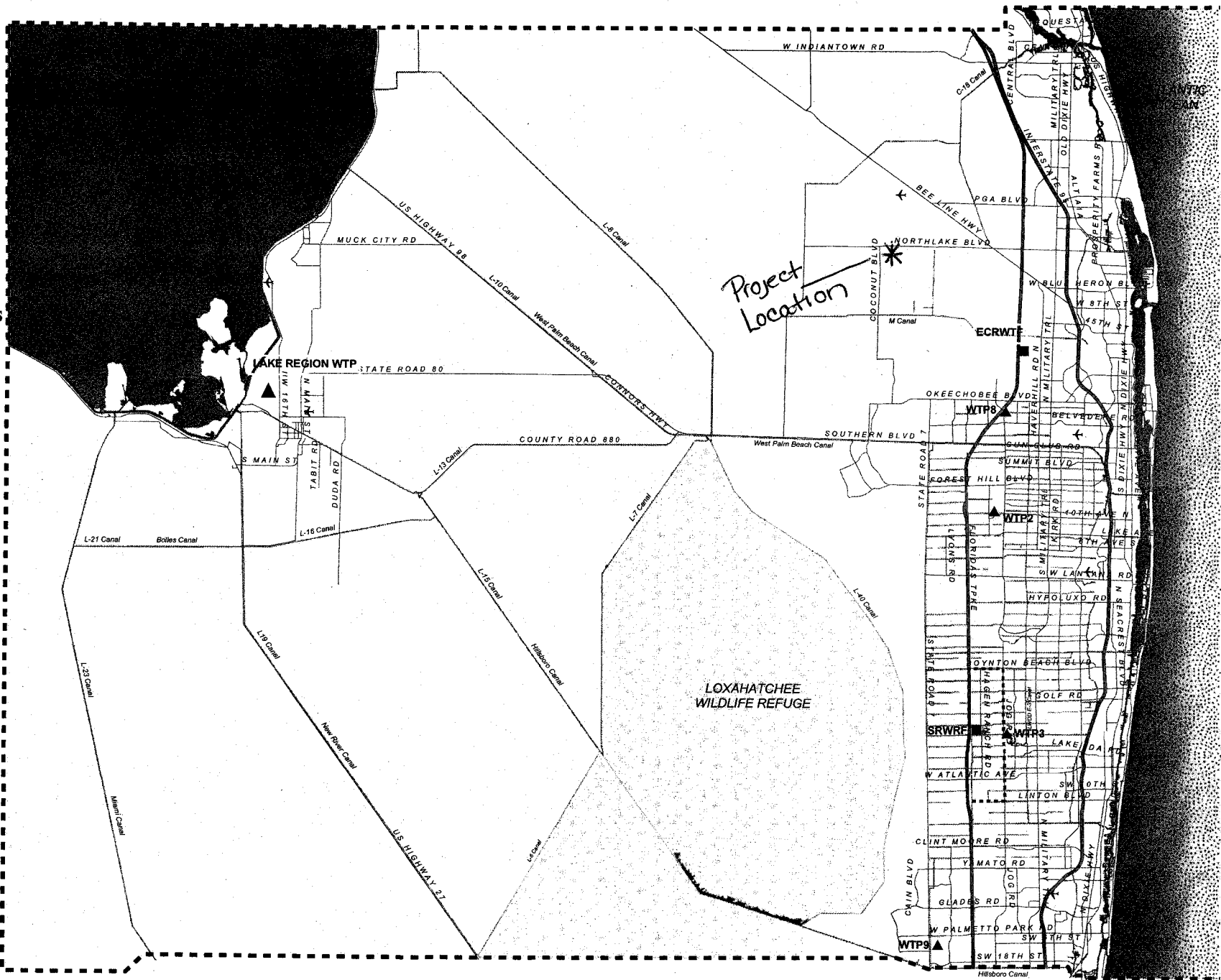
Attachment 1

Legend

▲ Water Treatment Plant
■ Water Treatment Plant



NOT TO SCALE



CHANGE ORDER

PROJECT: Northern Region Utility Improvement Project -Phase III
WATER UTIL. DEPT. PROJECT NO. WUD 05-061
DISTRICT NUMBER: 1
CHANGE ORDER NO.: Four(4)

| | | |
|----------------------------------|--------------------|------------------------|
| TO: | DOCUMENT NO. | R2006-1003 |
| Lanzo Construction Co. | CONTRACT DATE: | Nov. 21, 2006 |
| 125 Southeast 5 th Ct | NOTICE TO PROCEED: | Feb. 05, 2007 |
| Deerfield Beach, FL. 33441 | BUDGET LINE ITEM: | 4011-721-W006-6543 50% |
| | | 4011-721-W006-6547 50% |

You are directed to make the following changes in this contract:

| | |
|--|---------------|
| 4.1 Credit for contract allowance not used. | (\$25,000.00) |
| 4.2 Additional work for painting the insides of the Force Main ARV manholes. | \$21,700.00 |
| 4.3 Additional asphalt restoration along innovation drive (5 days). | \$52,110.00 |
| 4.4 Additional work along innovation dr for the unforeseen conflicts with existing Utilities (5 days). | \$25,560.00 |
| 4.5 12" water main conflict at station 66+00. | \$2,685.00 |
| 4.6 Refund unused portion from County purchase materials taken out of contract by Change Order #1 | \$69,704.40 |

Total \$146,759.40

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HERewith INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

| | |
|---|-----------------------|
| The Original Contract Sum was | <u>\$9,264,000.00</u> |
| Net Change by previous Change Orders | <u>(3,548,787.95)</u> |
| The Contract Sum prior to this Change Order was | <u>\$5,715,212.05</u> |
| The Contract Sum will be increased by this Change Order | <u>\$146,759.40</u> |
| The New Contract Sum indicating this Change Order will be ... | <u>\$5,861,971.45</u> |
| The Contract Time for will be increased by 10 days | <u>(10) Days</u> |
| The Date of Substantial Compl. Including this Change Order: | <u>Oct. 27, 2007</u> |
| The date of Final Compl. Including this Change Order: | <u>Nov. 27, 2007</u> |

Northern Region Utility Improvement-Phase III
Project No. WUD 05-061
District Number: 1
Contract No. R2006-2467
Change Order No. Four(4)

EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND
RELEASES, ALL CLAIMS FOR COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY,
WITH THE ABOVE STATED MODIFICATION (S), INCLUDING ALL CLAIMS FOR CUMULATIVE
DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO SUCH
MODIFICATION (S) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE
CONTRACT.

Palm Beach County

Lanzo Construction Inc

Palm Beach County

Joseph Lanza
ENGINEER

[Signature]
CONTRACTOR

OWNER: Addie L. Greene
Chairperson

P.O. Box 16097
Address
WPB, Florida 33416

125 Southeast 5th Ct
Address
Deerfield, Fl. 33441

P.O. Box 16097
Address
WPB, FL 33416

BY Joseph Tancredi, PE

BY [Signature]

BY [Signature]

DATE 9-25-07

DATE 9-27-07

DATE _____

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

ATTEST:
Sharon R. Bock, Clerk
And Comptroller:

_____(Corporate Seal)

County Attorney

Deputy Clerk

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2467

Change Order No. Four(4)

CHANGE ORDER CATEGORIZATION

☒ OWNER INITIATED

☒ QUANTITY OVERRUNS/UNDER-RUNS

☒ DIFFERING SITE CONDITIONS

☐ REQUEST BY ANOTHER AGENCY/OUTSIDE

☐ ZONING/CODE/ORDINANCE CHANGES

☐ A. REIMBURSABLE

☒ ERRORS/OMISSIONS/IN DESIGN

☐ B. NON-REIMBURSABLE

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2467

Change Order No. Four(4)

SCOPE OF WORK

- 4.1 Credit for contract allowance not used (Owner Initiated).
- 4.2 Paint the ARV manholes and Meter vault on the Force main (Errors and Omission).
- 4.3 Add additional asphalt restoration along innovation dr because of relocating the force main to avoid existing utilities (Differing site condition).
- 4.4 Additional work to avoid existing utilities that were not shown on the original plan design (Differing site condition).
- 4.5 Relocate 18" force main around existing 12" water main that was not shown on the plans (differing site condition).
- 4.6 Reimbursing contractor for unused materials purchase by the County and Removed from contract in Change order #1 (Owner Initiated).

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2467

Change Order No. Four(4)

COST SUMMARY

| <u>C.O.</u> | <u>DESCRIPTION</u> | <u>ADDITIONS</u> | <u>(DELETIONS)</u> | <u>NET CHANGE</u> |
|--------------|--|------------------|--------------------|-------------------|
| 4.1 | Credit for contract allowance | | (\$25,000.00) | (\$25,000.00) |
| 4.2 | Painting ARV Manholes and meter Valve | \$21,700.00 | | \$21,700.00 |
| 4.3 | Additional Asphalt along innovation Dr | \$52,110.00 | | \$52,110.00 |
| 4.4 | Additional work for conflicts along innovation Dr | \$25,560.00 | | \$25,560.00 |
| 4.5 | 12" water Main Conflict@ station 66+00 | \$2,685.00 | | \$2,685.00 |
| 4.6 | Refund unused portion of County purchase materials | \$69,704.40 | | \$69,704.40 |
| <u>Total</u> | | \$171,759.40 | (\$25,000.00) | \$146,759.40 |

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT: Northern Region Utility
Improvement Project Phase III

APPROVAL LIMITS:

CONTRACTOR: Lanzo Construction, Co.

PROJECT NO.: 05-061

RESOLUTION: R2006-1003

DATE APPROVED: 6/06/06

CONTRACT AMOUNT: 9,264,000.00

DEPARTMENT HEAD

CONTRACT REVIEW
COMMITTEE

DEPARTMENT HEAD
PLUS CONTRACT REVIEW
COMMITTEE

(Amount)

(Days)

(Amount)

(Days)

(Amount)

(Days)

INDIVIDUAL C.O.

\$50,000.00

10 Days

\$50,000.00

20 Days

\$100,000.00

30 Days

CUMMULATIVE C.O.

\$100,000.00

30 Days

\$100,000.00

30 Days

\$200,000.00

60 Days

| C.O. # | DATE APPROVED | NET CHANGE | DEPARTMENT HEAD (ADDS PLUS DEDUCTS) | | CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS) | | TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS) | | BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS) | | TOTALS |
|--------------|------------------|----------------|--|----------|---|----------|--|----------|---|-----------|-----------------------|
| | | | AMOUNT | DAYS | AMOUNT | DAYS | AMOUNT | DAYS | AMOUNT | DAYS | |
| 001 | 11/21/06 | (3,631,703.07) | 0 | 0 | 0 | 0 | 0 | 0 | (3,631,703.07) | 0 | (3,631,703.07) |
| 002 | 8/21/07 | 98,944.78 | 0 | 0 | 0 | 0 | 0 | 0 | 98,944.78 | 5 | 98,944.78 |
| 003 | 9/11/07 | (16,029.66) | 0 | 0 | 0 | 0 | 0 | 0 | (16,029.66) | 7 | (16,029.66) |
| 004 | pending | 146,759.40 | 0 | 0 | 0 | 0 | 0 | 0 | 146,759.40 | 10 | 146,759.40 |
| TOTAL | | | (3,402,028.55) | 0 | 0 | 0 | 0 | 0 | (3,402,028.55) | 22 | (3,402,028.55) |

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$3000 (Prior to Substantial Completion) and = \$ 1000 (After Substantial Completion).

SCHEDULE 1

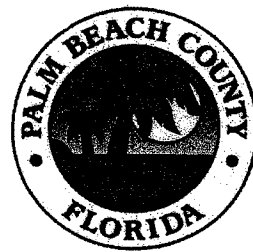
PARTICIPATION BY M/WBE SUBCONTRACTORS

PROJECT NAME: Northern Region Utility Improvement Project-Phase III PROJECT NO.: 04-125
 NAME OF PRIME CONTRACTOR: Lanzo Construction Co. CHANGE ORDER NO. 4
 CONTACT PERSON: Bob Beaty PHONE NO: 954-979-0802 FAX NO. 954-979-9897
 BID DATE: 6/6/06 DEPARTMENT: WUD

| Name, Address and Phone Number of M/WBE | Type of Work To Be Performed | Subcontract Amount | | | |
|--|---------------------------------|--------------------|----------------|----------------|------------------------|
| | | Black | Hispanic | Women | Other (Please Specify) |
| 1. | | _____ | _____ | _____ | _____ |
| 2. | | _____ | _____ | _____ | _____ |
| 3. | | _____ | _____ | _____ | _____ |
| 4. | | _____ | _____ | _____ | _____ |
| 5. | | _____ | _____ | _____ | _____ |
| 6. | | _____ | _____ | _____ | _____ |
| 7. | | _____ | _____ | _____ | _____ |
| 8. | | _____ | _____ | _____ | _____ |
| 9. | | _____ | _____ | _____ | _____ |
| 10. | | _____ | _____ | _____ | _____ |
| Totals | | <u>\$ 0.00</u> | <u>\$ 0.00</u> | <u>\$ 0.00</u> | <u>\$ 0.00</u> |

| | | | | | |
|---------------------------------|-----------------------|-------------------------------|--------------------|---------------------------------------|--------------|
| Original Contract Amount | <u>\$9,264,000.00</u> | Original Participation | <u>\$1,413,595</u> | Percent Participation | <u>15.25</u> |
| Adjusted Contract Amount | <u>\$5,861,971.45</u> | Adjusted Participation | <u>\$1,413,595</u> | Adjusted Percent Participation | <u>24.10</u> |

M/WBE

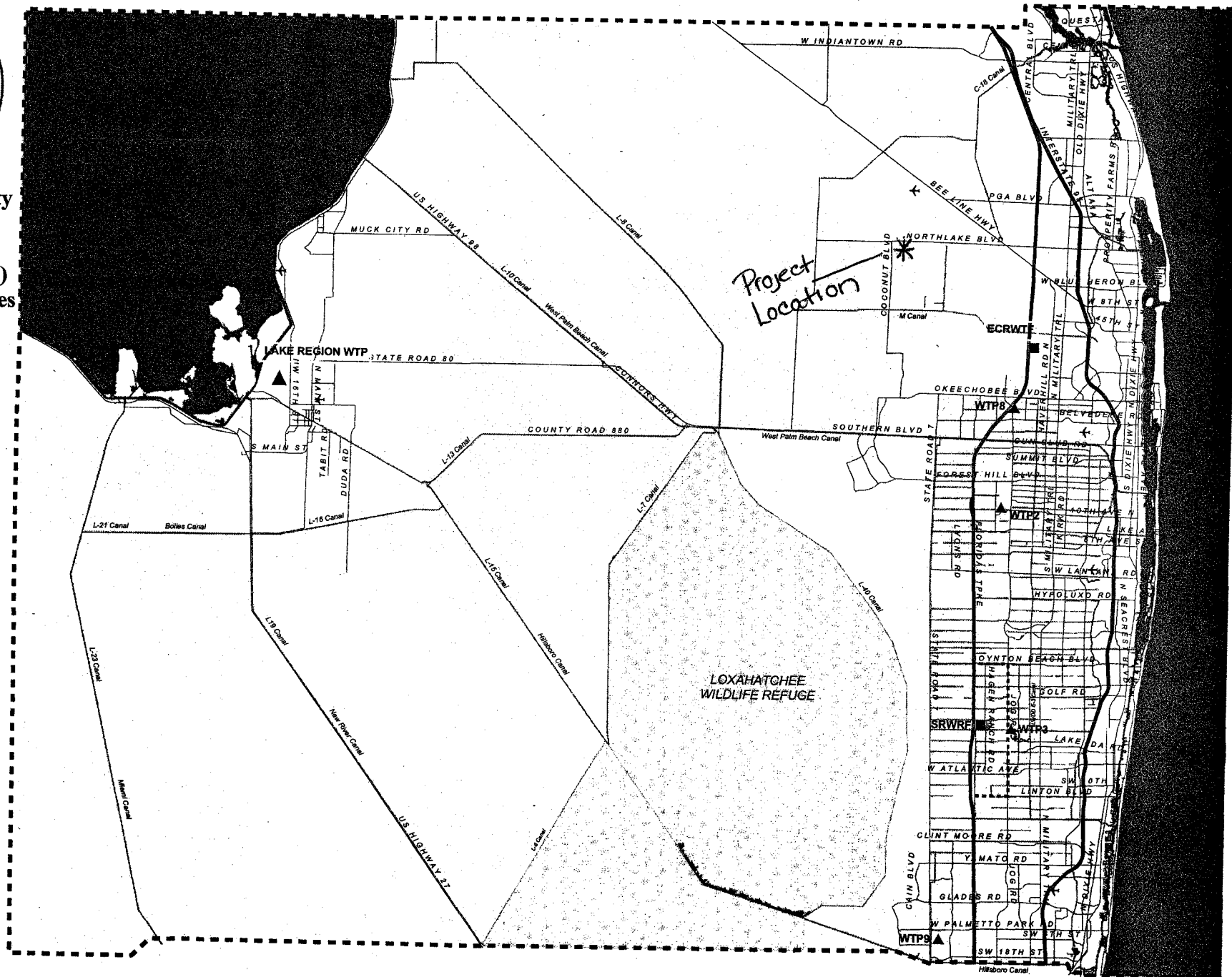


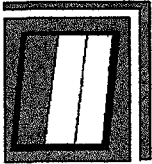
**Palm Beach County
Water Utilities
Department
Service Area (SA)
and Major Facilities**

Asset Management
Program - Phase IC
Scope Reduction

Legend

- ▲ Water Treatment Plant
- Water Treatment Plant





LANZO
CONSTRUCTION
CO., FLORIDA

125 Southeast 5th Ct.
Deerfield Beach, FL 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

September 6, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061, F-362 – AW-21
Sewer Structures – Corrosion Coatings
Cost Presentation

The attached details the costs associated with additional work required to comply with the directive to coat the inside of Forcemain ARVs and the FM Meter Vault. Lanzo's 7/10 Notice Letter is attached for your reference.

Please note that Contract Section 09910 (Coatings – Sewage Systems) states under Section 1 – B. (Scope) that "The work includes coating (application of corrosion barrier system) the interior surface of existing and/or new wetwells manholes and valve pits." No mention of Meter Vaults or ARV Structures is made within Contract Specifications. Contract Plan Sheet 44 @ 57 notes "Coat Interior of Valve Vault and Wetwell with Approved Corrosion Barrier System". Plan Sheet 50A @ 57 details the FM Meter Vault without mention of an interior corrosion barrier system. Plan Sheets 55 & 56 details ARV Vaults without mention of an interior corrosion barrier system. As presented at the time of direction and as Noticed in Lanzo's Notice Letter of 7/10, the requirement for corrosion barrier within ARV and FM Meter Vaults could not have been reasonably expected at time of bid representing a changed condition requiring additional work.

Please review and provide a means of payment for \$21,700.⁰⁰ and ~~6~~^{10 day} days Contract Time to compensate Lanzo for this additional work.

If I can be of assistance in your review, please call.

Sincerely,

Bob Beaty, PE, Project Engineer

Cc: F362 Correspondence / PB County / F362 AW21-Corrosion Coating 7-10-07
Lanzo – MPT, JMT, KP, BR

Denise
2nd Time
Spec 09910
JMT 9/6/07
OK Sent Back Out 9/22/07

Sewer ARV & Valve Vault Corrosion Coatings

| | |
|---|---------------------------|
| Lanzo Labor & Equipment | 4,954.30 |
| Pump Crew - Establish Access to Structures for Coating Subcontractor | 4,954.30 |
| Subcontract | <u>16,746.45</u> |
| Total | <u><u>\$21,700.75</u></u> |

4,954.30

Crew Hours 30 **Hrs.** **Pump Crew - Establish Access to Structures for Coating Subcontractor**

[illegible]

| O.T. - (Sat & Sun) | | | | |
|--------------------|--|-------|--|--|
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |

| | |
|------------------------------------|-----------------|
| Total Labor & Equipment | 4,881.08 |
| 1.5% Ins. & Bond | 73.22 |
| Labor & Equipment Total | 4,954.30 |

Equipment Total **731.25**

Sewer ARV & Valve Vault Corrosion Coatings

| Subcontractor | Description | Quantity | Unit | Unit Price | Subtotal |
|-------------------------------|-------------|----------|------|------------|----------|
| E & A Wilson Painting Service | | | | | |

| | | | | |
|------------------------|----|------|----------|-----------|
| Coat FM Meter Vault | 1 | L.S. | 2,463.30 | 2,463.30 |
| Coat FM ARV Structures | 98 | V.F. | 130.00 | 12,740.00 |
| Spark Test | 1 | L.S. | 510.00 | 510.00 |

Subtotal 15,713.30

5% Mark-up 785.67

Subtotal 16,498.97

1.5 % Insurance & Bond 247.48

Total 16,746.45

E&A WILSON PAINTING SERVICE

P.O. BOX 26862
TAMARAC, FL 33320
USA

INVOICE

Invoice Number: 4253
Invoice Date: Aug 6, 2007
Page: 1

Voice: 954 748 - 6778
Fax: 954 748 - 6921

Bill To:

Lanzo Construction Co., Inc.
125 SE 5th Court
Deerfield Beach, FL 33441-4749

Ship to:

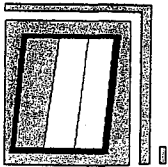
| Customer ID | Customer PO | Payment Terms | |
|--------------|-----------------|---------------|----------|
| LCC | 51489 | Net 30 Days | |
| Sales Rep ID | Shipping Method | Ship Date | Due Date |
| | US Mail | | 9/5/07 |

| Quantity | Item | Description | Unit Price | Amount |
|-------------------------------------|------|---|------------|-----------|
| 1.00 | Ms | Mainstay - mud & paint - FM Meter Vault | 2,463.30 | 2,463.30 |
| 5.00 | Ms | Mainstay - mud & paint - 6ft dia. mh | 194.99 | 974.95 |
| 98.00 | Ms | Mainstay - mud & paint - 14 ARV | 130.00 | 12,740.00 |
| 1.00 | sp | spark test all structures | 510.00 | 510.00 |
| - | | | | |
| Northern Region Utility Improvement | | | | |
| Phase 3 - Project No. WUD 05-061 | | | | |
| LCC Job # F.362 | | | | |
| Subtotal | | | | 16,688.25 |
| Sales Tax | | | | |
| Total Invoice Amount | | | | 16,688.25 |
| Payment/Credit Applied | | | | |
| TOTAL | | | | 16,688.25 |

PAID
AUG 07 2007

CH
F362
3-0014

Check/Credit Memo No:



LANZO

CONSTRUCTION
CO., FLORIDA

125 Southeast 5th Ct.
Deerfield Beach, Fl. 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

July 10, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061, F-362 – AW-21
Sewer Structures – Corrosion Coatings
Notice of Changed Condition

Lanzo has been instructed to coat the inside of Sewer Structures on the referenced project. This requirement is not detailed in Contract Plans and could not have been reasonably expected at time of bid representing a changed condition. Please accept this letter as Lanzo's Notice of Changed Condition.

Lanzo has contracted with E&A Wilson Painting for this installation (approximately \$20,000). Lanzo will have to support this subcontract with access and dewatering. The cost of additional work associated with this changed condition will be presented for your review and process. Please monitor this situation.

If I can be of assistance in your review, please call.

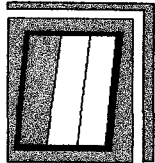
Sincerely,

Bob Beaty, PE
Project Engineer

*Request Denied
See Section 09910
In Contract Doc.*

JMB 7/31/07

Cc: F362 Correspondence / PB County / F362 AW21-Corrosion Coating 7-10-07
Lanzo – MPT, JMT, KP, BR



LANZO
CONSTRUCTION
CO., FLORIDA

PENDING CLAIMS

125 Southeast 5th Ct.
Deerfield Beach, Fl. 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

August 6, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement - Phase III
Project #: WUD 05-061, F-362 - AW-15 Surface Restoration
Pipe Realignment Station 37+00 to 66+00
Surface Restoration Cost Presentation

Lanzo's Letter of 7/24 presented Labor & Equipment costs associated with Innovation Pipe Realignment. This Letter with attachments detail the costs associated with revised surface restoration requirements.

3,978 S.Y. of roadway replacement (Spreadsheet attached) along Innovation between Stations 33+62 and 66+45 was required to accommodate pipeline alignment as directed by field meetings. This compares to 2,534 S.Y. of roadway replacement (Spreadsheet attached) detailed by Contract Plan Sheets. Revised alignment required 1,444 S.Y. of unexpected roadway replacement. Lanzo's Letter of 5/22 (attached) presented a unit price of \$63.59 S.Y. for this work. Lanzo has experienced \$91,848.69 in Roadway Restoration Additional Work.

In addition to Asphalt Costs, the area adjacent to the Pump Station (Station 36+90 to 41+10) was restored with Sod instead of asphalt parking area. This is as approved by Pratt Whitney. The cost of this sod replacement is not detailed on plan and could not have been expected at time of bid. This \$2,100 cost is detailed by attachment.

Please provide a means of payment for \$93,948.69 (\$91,848.69 + \$2,100.00) and 10 days Contract Time to compensate Lanzo for the Additional Work described above.

If I can be of assistance in your review, please call.

Sincerely,

Bob Beaty, PE, Project Engineer

Cc: F362 Correspondence / PB County / F362 AW15-Asphalt-Innovation Realignment 8-6-07
Lanzo - MPT, JMT, KP, BR

An Equal Opportunity Employer

Wood Credit in Restoration
Not proposed along
South Side of Innovation Dr.

8/9/07

1158.
x34
39,972
J.T.
EST.

USED
152,410.00
9/2/07

1158
x34
39,972
J.T.
EST.

Innovation Asphalt Quantities Installed

3,978 S.Y.

| Sheet # | Roadway | Sta. | | Width | Linear Feet Roadway - Asphalt | | | | | | | | | | | | | Sub. |
|---------|------------|---------|---------|-------|-------------------------------|-------|-------|-------|--------|--------|--------|--------|----------|--------|--------|--------|--------|-----------|
| | | Begin | End | | Ft. 4 | Ft. 6 | Ft. 7 | Ft. 8 | Ft. 10 | Ft. 11 | Ft. 12 | Ft. 13 | Ft. 16.5 | Ft. 18 | Ft. 24 | Ft. 28 | Ft. 42 | Area S.Y. |
| 43 | Innovation | 33+62.0 | 34+04.0 | | | | 8.5 | | | 42.0 | | | | | | | | 58 |
| 43 | Innovation | 34+04.0 | 36+03.0 | | 199.0 | | | | | | | | | | | | | 88 |
| 43 | Innovation | 36+03.0 | 36+63.0 | | | | | | 28.0 | 60.0 | | | | | | | | 104 |
| 43 | Innovation | 37+90.0 | 37+94.0 | | | | | | | | | | | | 4.0 | | | 11 |
| 42 | F.M. | 39+15.0 | 39+25.0 | | | | | | 16.0 | | | | | | | | | 18 |
| 42 | Innovation | 39+15.0 | 40+60.0 | | | | | | | | 145.0 | | | | | | | 193 |
| 42 | Innovation | 40+60.0 | 40+82.0 | | | | | | | | | | | | 22.0 | | | 59 |
| 42 | Innovation | 40+82.0 | 42+02.0 | | | | | | | | 120.0 | | | | | 46.0 | | 303 |
| 42 | Innovation | 42+02.0 | 44+83.0 | | | | | 281.0 | | | | | | | | | | 250 |
| 42 | Innovation | 44+83.0 | 47+00.0 | | | 217.0 | | | | | | | | | | | | 145 |
| 41 | Innovation | 47+00.0 | 48+24.0 | | | | | | | | | | | | | | 124.0 | 579 |
| 41 | Innovation | 48+24.0 | 54+20.0 | | | 596.0 | | | | | | | | | | | | 397 |
| 41 | Innovation | 54+20.0 | 56+75.0 | | | | | | 61.0 | | | | | 255.0 | | | | 585 |
| 40 | Innovation | 57+50.0 | 60+28.0 | | | | | | | | | | 278.0 | | | | | 510 |
| 40 | Innovation | 61+45.0 | 65+75.0 | | | | | | | | | 430.0 | | | | | | 621 |
| 40 | Innovation | 65+75.0 | 66+45.0 | | 70.0 | | | | | | | | | | 10.0 | | | 58 |
| | | | | | | | | | | | | | | | | | | 0 |
| | | | | | 269 | 813 | 9 | 281 | 44 | 163 | 265 | 430 | 278 | 255 | 36 | 46 | 124 | |

Subtotals Actual Installed 3,978 S.Y.

Contract Plan Quantity 2,534 S.Y.

Additional Work 1,444 S.Y.

Unit Price \$ 63.59 S.Y.

Total Roadway Restoration Cost \$91,848.69

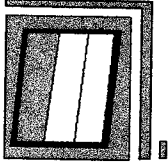
Innovation Asphalt Quantities per Contract Plan

2,534 S.Y.

| Sheet # | Roadway | | Sta. | | Width | Linear Feet Roadway - Asphalt | | | | | | | | | Sub. |
|---------|------------|--|---------|---------|-------|-------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|-----------|
| | | | Begin | End | | Ft. 2 | Ft. 4 | Ft. 6 | Ft. 10 | Ft. 12 | Ft. 14 | Ft. 20 | Ft. 24 | Ft. 28 | Area S.Y. |
| 43 | Innovation | | 33+62.0 | 34+04.0 | | | | | | | | 42.0 | | | 93 |
| 43 | Innovation | | 34+04.0 | 36+03.0 | | | 199.0 | | | | | | | | 88 |
| 43 | Innovation | | 36+03.0 | 36+78.0 | | | | | | | | 75.0 | | | 167 |
| 43 | Innovation | | 36+93.0 | 39+00.0 | | | | | 207.0 | | | | | | 276 |
| 43 | F.M. | | 38+75.0 | 38+98.0 | | | | | | | 23.0 | | | | 36 |
| 42 | Innovation | | 39+00.0 | 39+15.0 | | | | | 15.0 | | | | | | 20 |
| 42 | Innovation | | 39+15.0 | 40+20.0 | | | | | | | | | 105.0 | | 280 |
| 42 | Innovation | | 40+20.0 | 40+87.0 | | 67.0 | | | | | | | | | 15 |
| 42 | F.M. | | 40+20.0 | 40+42.0 | | | | | | | 22.0 | | | | 34 |
| 42 | Innovation | | 40+87.0 | 41+45.0 | | | 58.0 | | | | | | | | 26 |
| 42 | Innovation | | 41+45.0 | 47+08.0 | | 563.0 | | | | | | | | | 125 |
| 42 | Innovation | | 47+08.0 | 48+00.0 | | | | | 92.0 | | | | | | 102 |
| 41 | Innovation | | 48+00.0 | 48+83.0 | | | | | 83.0 | | | | | | 92 |
| 41 | Innovation | | 48+83.0 | 54+20.0 | | 537.0 | | | | | | | | | 119 |
| 41 | Innovation | | 54+20.0 | 55+10.0 | | | | | 90.0 | | | | | | 100 |
| 40 | Innovation | | 57+53.0 | 60+35.0 | | | | 282.0 | | | | | | | 188 |
| 40 | Innovation | | 60+35.0 | 60+75.0 | | | | | | 40.0 | | | | | 53 |
| 40 | Innovation | | 61+45.0 | 65+75.0 | | | | | | 430.0 | | | | | 573 |
| 40 | F.M. | | 65+62.0 | 65+80.0 | | | | | | | | | | 18.0 | 56 |
| 40 | F.M. | | 65+80.0 | 65+90.0 | | | | | | | | | 10.0 | 10.0 | 58 |
| 40 | F.M. | | 65+90.0 | 66+00.0 | | | | | | | | | | 10.0 | 31 |
| | | | | | | | | | | | | | | | 0 |
| | | | | | | 1,167 | 257 | 282 | 265 | 692 | 45 | 117 | 115 | 38 | |

Subtotals

2,534 S.Y.



LANZO

CONSTRUCTION
CO., FLORIDA

125 Southeast 5th Court
Deerfield Beach, Florida 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

May 22, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061
Sheets 41-43 – Proposed Realignment

The attached Plan Sheets 41 – 43 detail yesterday's field discussions associated with Lanzo's proposed realignment of water and sewer along Innovation Drive between stations 37+00 and 55+00. This alignment accommodates the unexpected 8" DIFM location between 62+00 and 67+00 along with the Utility locates between 40+00 and 55+00 (Plans detail a 10' corridor for pipe installation. Locations indicate many locations with less than a 2' corridor for pipe installation with many direct conflicts.).

This revised location requires the removal and replacement of approximately 1,333 S.Y of Asphalt not currently scheduled for removal and replacement. The attached details the cost of this unexpected additional work as approximately \$84,786 (1,333 S.Y. @ \$63.59 / S.Y.).

Please review and provide Palm Beach County approval of the attached realignment and the associated cost. Immediate direction is necessary to prevent additional costs associated with this unexpected forcemain location.

If I can assist your review, please call.

Sincerely,

Bob Beaty, PE
Project Engineer

Cc: F362 Innovation Realignment-5-22-07
Lanzo – MPT, JMT, JMcC, KP, BR

Innovation Drive - Asphalt Removal & Replacement Unit Price

Lanzo Labor & Equipment

18.35

Milling / Asphalt Removal

3.15

Utility Crew Cost

9.86

Roadbase Preparation for Asphalt Installation

5.34

Materials

17.32

Subcontract

27.91

Subtotal

\$63.59 S.Y.

45.23
Payroll
Summary
9/20/07

Station 40+00 - Station 55+00 =

1500 LF

Expected Width =

12

Plan Width =

4

Additional Asphalt Width

8 Ft. =

1,333 S.Y.

Total

\$84,785.63

Lanzo Labor & Equipment

3,154.53

Daily

3.15 S.Y. @ 1000 SY/Dy

Crew Hours 10 Hrs. Milling / Asphalt Removal

| Labor | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|---------------------------------|------|-----------|----------|--------|
| Reg. - (Mon-Fri) | | | | |
| Working Super | | 35.00 | | |
| Working Foreman | 1 | 30.00 | 10.0 | 300.00 |
| Operator | 2 | 16.00 | 20.0 | 320.00 |
| Skilled Labor | | 14.00 | | |
| Unskilled Labor | | 10.00 | | |
| Subtotal | | | | 620.00 |
| Factored for 50 hr Week | | | | 852.50 |
| 1+55(hrs. Paid)/50(hrs. Worked) | | | | |

| | | | | |
|--------------------|--|-------|--|----------|
| O.T. - (Sat & Sun) | | | | |
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |
| Subtotal | | | | |
| Labor Subtotal | | | | 852.50 |
| 62% Burden | | | | 528.55 |
| Labor Subtotal | | | | 1,381.05 |
| 25% Mark-Up | | | | 345.26 |
| Labor Total | | | | 1,726.31 |

| | | | | |
|-------------------------------------|---|----------|------|--------|
| Pick-up | | \$18.54 | | |
| Pick-up | 1 | \$18.54 | 10.0 | 185.40 |
| P&H - 70 Ton | | | | |
| Cat 375 | | \$253.79 | | |
| Cat 365 | | \$212.45 | | |
| Cat 345 | | \$168.48 | | |
| Cat 322 | | \$95.76 | | |
| Cat 318 - 125 HP | | \$65.41 | | |
| Cat 215 BLC | | | | |
| Cat D4H Series III | | \$44.91 | | |
| 1000 Gal Fuel Tank | | | | |
| JCB 436B | | | | |
| Cat 938 F | | \$46.53 | | |
| Cat 950 Loader | 1 | \$59.62 | 10.0 | 596.20 |
| Milling Machine | 1 | \$60.00 | 10.0 | 600.00 |
| JCB Combination LDR / BH | | \$50.51 | | |
| Cat 12G | | \$59.32 | | |
| Paver | | | | |
| Dynapac - Type CC142 | | \$50.76 | | |
| Bomag Dbl Drum | | \$14.61 | | |
| Wacker Tamp | | \$6.10 | | |
| 6x4 On-Highway Rear Dump | | \$64.55 | | |
| Cat D25D Off Road Dump | | \$47.46 | | |
| Utility Van | | | | |
| Tack Truck | | \$23.05 | | |
| Water Truck | | \$47.96 | | |
| 12" Well Point Pump | | \$40.10 | | |
| Well Point Header System - 200' | | | | |
| 3" Centrifugal Pump | | \$6.54 | | |
| Alignment Laser | | | | |
| Generator | | | | |
| Light Plant | | | | |
| Cut-off Saw | | \$2.66 | | |
| Small Tools | | \$3.00 | | |
| MKT V-17 Vibratory Driver/Extractor | | | | |
| Portable Torches | | | | |
| Portable Welder | | | | |
| Jack Hammer | | | | |
| Ingersol Rand 175 - PI75CWD | | | | |
| Trench Box | | | | |
| Trench Plates | | | | |
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|-------------------------|----------|
| Total Labor & Equipment | 3,107.91 |
| 1.5% Ins. & Bond | 46.62 |
| Labor & Equipment Total | 3,154.53 |

| | |
|-----------------|----------|
| Equipment Total | 1,381.60 |
|-----------------|----------|

Crew Hours 10 Hrs. Utility Crew Cost

| Labor | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|---------------------------------|------|-----------|----------|----------|
| Reg. - (Mon-Fri) | | | | |
| Working Super | 0.5 | 35.00 | 5 | 175.00 |
| Working Foreman | 1 | 30.00 | 10.0 | 300.00 |
| Operator | 3 | 16.00 | 30.0 | 480.00 |
| Skilled Labor | 2 | 14.00 | 20.0 | 280.00 |
| Unskilled Labor | 2 | 10.00 | 20.0 | 200.00 |
| Subtotal | | | | 1,435.00 |
| Factored for 50 hr Week | | | | 1,973.13 |
| 1+55(hrs. Paid)/50(hrs. Worked) | | | | |

| | | | | |
|--------------------|--|-------|--|----------|
| O.T. - (Sat & Sun) | | | | |
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |
| Subtotal | | | | |
| Labor Subtotal | | | | 1,973.13 |
| 62% Burden | | | | 1,223.34 |
| Labor Subtotal | | | | 3,196.46 |
| 25% Mark-Up | | | | 799.12 |
| Labor Total | | | | 3,995.58 |

| Equipment | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|-------------------------------------|------|-----------|----------|----------|
| Pick-up | | \$18.54 | | |
| Pick-up | 1 | \$18.54 | 10.0 | 185.40 |
| P&H - 70 Ton | | | | |
| Cat 375 | | \$253.79 | | |
| Cat 365 | | \$212.45 | | |
| Cat 345 | 1 | \$168.48 | 10.0 | 1,684.80 |
| Cat 322 | | \$95.76 | | |
| Cat 318 - 125 HP | 1 | \$65.41 | 10.0 | 654.10 |
| Cat 215 BLC | | | | |
| Cat D4H Series III | 1 | \$44.91 | 10.0 | 449.10 |
| 1000 Gal Fuel Tank | | | | |
| JCB 436B | | | | |
| Cat 938 F | 1 | \$46.53 | 10.0 | 465.30 |
| Cat 950 Loader | 1 | \$59.62 | 10.0 | 596.20 |
| Mustang - 960 Skid Steer | | \$24.89 | | |
| JCB Combination LDR / BH | 1 | \$50.51 | 10.0 | 505.10 |
| Cat 12G | | \$59.32 | | |
| Paver | | | | |
| Dynapac - Type CC142 | | \$50.76 | | |
| Bomag Dbl Drum | | \$14.61 | | |
| Wacker Tamp | | \$6.10 | | |
| 6x4 On-Highway Rear Dump | | \$64.55 | | |
| Cat D25D Off Road Dump | 1 | \$47.46 | 10.0 | 474.60 |
| Utility Van | | | | |
| Tack Truck | | \$23.05 | | |
| Water Truck | | \$47.96 | | |
| 12" Well Point Pump | | \$40.10 | | |
| Well Point Header System - 200' | | | | |
| 3" Centrifugal Pump | | \$6.54 | | |
| Alignment Laser | | | | |
| Generator | | | | |
| Light Plant | | | | |
| Cut-off Saw | 1 | \$2.66 | 10.0 | 26.60 |
| Small Tools | 1 | \$3.00 | 10.0 | 30.00 |
| MKT V-17 Vibratory Driver/Extractor | | | | |
| Portable Torches | | | | |
| Portable Welder | | | | |
| Jack Hammer | | | | |
| Ingersol Rand 175 - PI75CWD | | | | |
| Trench Box | | | | |
| Trench Plates | | | | |
| | | | | |
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Lanzo Labor & Equipment

Asphalt Preparation

5,340.08

Daily

5.34 S.Y. @ 1000 SY/Dy

Crew Hours 10 Hrs. Roadbase Preparation for Asphalt Installation

| Labor | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|---------------------------------|------|-----------|----------|----------|
| Reg. - (Mon-Fri) | | | | |
| Working Super | | 35.00 | | |
| Working Foreman | 1 | 30.00 | 10.0 | 300.00 |
| Operator | 2 | 16.00 | 20.0 | 320.00 |
| Skilled Labor | 1 | 14.00 | 10.0 | 140.00 |
| Unskilled Labor | 1 | 10.00 | 10.0 | 100.00 |
| Subtotal | | | | 860.00 |
| Factored for 50 hr Week | | | | 1,182.50 |
| 1+55(hrs. Paid)/50(hrs. Worked) | | | | |

| | | | | |
|--------------------|--|-------|--|----------|
| O.T. - (Sat & Sun) | | | | |
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |
| Subtotal | | | | |
| Labor Subtotal | | | | 1,182.50 |
| 62% Burden | | | | 733.15 |
| Labor Subtotal | | | | 1,915.65 |
| 25% Mark-Up | | | | 478.91 |
| Labor Total | | | | 2,394.56 |

| Equipment | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|-------------------------------------|------|-----------|----------|--------|
| Pick-up | | \$18.54 | | |
| Pick-up | 1 | \$18.54 | 10.0 | 185.40 |
| P&H - 70 Ton | | | | |
| Cat 375 | | \$253.79 | | |
| Cat 365 | | \$212.45 | | |
| Cat 345 | | \$168.48 | | |
| Cat 322 | | \$95.76 | | |
| Cat 318 - 125 HP | | \$65.41 | | |
| Cat 215 BLC | | | | |
| Cat D4H Series III | | \$44.91 | | |
| 1000 Gal Fuel Tank | | | | |
| JCB 436B | | | | |
| Cat 938 F | | \$46.53 | | |
| Cat 950 Loader | 1 | \$59.62 | 10.0 | 596.20 |
| Mustang - 960 Skid Steer | | \$24.89 | | |
| JCB Combination LDR / BH | | \$50.51 | | |
| Cat 12G | 1 | \$59.32 | 10.0 | 593.20 |
| Paver | | | | |
| Dynapac - Type CC142 | 1 | \$50.76 | 10.0 | 507.60 |
| Bomag Dbl Drum | | \$14.61 | | |
| Wacker Tamp | | \$6.10 | | |
| 6x4 On-Highway Rear Dump | | \$64.55 | | |
| Cat D25D Off Road Dump | 1 | \$47.46 | 10.0 | 474.60 |
| Utility Van | | | | |
| Tack Truck | | \$23.05 | | |
| Water Truck | 1 | \$47.96 | 10.0 | 479.60 |
| 12" Well Point Pump | | \$40.10 | | |
| Well Point Header System - 200' | | | | |
| 3" Centrifugal Pump | | \$6.54 | | |
| Alignment Laser | | | | |
| Generator | | | | |
| Light Plant | | | | |
| Cut-off Saw | | \$2.66 | | |
| Small Tools | 1 | \$3.00 | 10.0 | 30.00 |
| MKT V-17 Vibratory Driver/Extractor | | | | |
| Portable Torches | | | | |
| Portable Welder | | | | |
| Jack Hammer | | | | |
| Ingersol Rand 175 - PI75CWD | | | | |
| Trench Box | | | | |
| Trench Plates | | | | |
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| | |
|-------------------------|----------|
| Total Labor & Equipment | 5,261.16 |
| 1.5% Ins. & Bond | 78.92 |
| Labor & Equipment Total | 5,340.08 |

| | |
|-----------------|----------|
| Equipment Total | 2,866.60 |
|-----------------|----------|

Innovation Drive - Asphalt Removal & Replacement Unit Price

| | Quantity | Unit | Unit Price | |
|------------------------------|----------|------|------------|-------------------|
| Roadbase Material - \$22/Ton | | | | - |
| 13.5" @ 125#/S.F. | 1 | S.Y. | 14.00 | 14.00 |
| Subtotal | | | | 14.00 |
| 6% Sales Tax | | | | 0.84 |
| Subtotal | | | | 14.84 |
| 15 % Mark-up | | | | 2.23 |
| Subtotal | | | | 17.07 |
| 1.5 % Insurance & Bond | | | | 0.26 |
| Total | | | | <u>17.32 S.Y.</u> |

Innovation Drive - Asphalt Removal & Replacement Unit Price

| Subcontractor | Description | Quantity | Unit | Unit Price | Subtotal |
|---------------|-------------|----------|------|------------|----------|
|---------------|-------------|----------|------|------------|----------|

Asphalt Subcontractor

| | | | | |
|----------------------|---|------|-------|-------|
| 2 1/2" Asphalt Inlay | 1 | S.Y. | 25.00 | 25.00 |
|----------------------|---|------|-------|-------|

| | |
|----------|-------|
| Subtotal | 25.00 |
|----------|-------|

| | |
|-------------|-------------|
| 10% Mark-up | <u>2.50</u> |
|-------------|-------------|

| | |
|----------|-------|
| Subtotal | 27.50 |
|----------|-------|

| | |
|------------------------|-------------|
| 1.5 % Insurance & Bond | <u>0.41</u> |
|------------------------|-------------|

| | |
|-------|--------------------------|
| Total | <u><u>27.91</u></u> S.Y. |
|-------|--------------------------|

Innovation Sod Quantity Installed @ Parking Lot

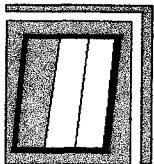
1,400 S.Y.

| Sheet # | Roadway | Sta. | | Width | Linear Feet Roadway - Sod | Sub. |
|---------|------------|---------|---------|-------|---------------------------|------|
| | | Begin | End | | Ft. | Area |
| | | | | | 30 | S.Y. |
| 43 | Innovation | 36+90.0 | 39+00.0 | | 210.0 | 700 |
| 42 | Innovation | 39+00.0 | 41+10.0 | | 210.0 | 700 |
| | | | | | | 0 |
| | | | | | 420 | |

Subtotals 1,400 S.Y.

Unit Price \$ 1.50 S.Y.

Total Sod Cost \$2,100.00



LANZO

CONSTRUCTION
CO., FLORIDA

125 Southeast 5th Ct.
Deerfield Beach, FL 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

July 24, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061, F-362 – AW-15 L&E
Pipe Realignment Station 37+00 to 66+00
Labor & Equipment Cost Presentation

The attached details the costs ²⁷~~(53~~ Hours Crew Time) associated with additional work caused by the unexpected conflict with multiple utilities in direct conflict with the revised locations for the 18" forcemain and 20" watermain along Innovation Drive between stations 37+00 and 66+00. Lanzo's 5/16 & 5/22 Notice Letters are attached for your reference. Unexpected utilities became evident during the Utility Locate process with actual location being determined by continuous investigation and multiple field meetings with Palm Beach County Field Directions during the installation process.

Please review and provide a means of payment for ~~\$66,162.67~~ ^{0 - 25,559.00} and ~~11~~ ¹⁰ days Contract Time to compensate Lanzo for this additional work.

Please note that this presentation is for Labor & Equipment only. The cost for modified restoration requirements will be presented shortly.

If I can be of assistance in your review, please call.

Sincerely,

Bob Beaty, PE
Project Engineer

Cc: F362 Correspondence / PB County / F362 AW15L&E-Innovation Realignment 7-24-07
Lanzo – MPT, JMT, KP, BR

An Equal Opportunity Employer

Request Denied
See Saten 015357 02016
Realignment of Pine was so benefit
LANZO... of Contract. Bthabig etc part
7/31/07

F-362 Work Chronology - Utility Crew

239

| Date | Day | Line | Pipe Footage | Description Utility Crew - Pop | Hours Worked | Additional Work Description | Hrs. @ A.W. |
|---------|-----------|------------|--------------|------------------------------------|--------------|--|----------------|
| 5/23/07 | Wednesday | 20wm, 18fm | 580 | Innovation @ 54+00 - 57+00 | 12 | Sta. 55+00, 2-4" Bell So Conduits (1.5' lower than plan grade), conflict 6" fm | 1 3.5 Hrs. |
| 5/24/07 | Thursday | 20wm | 339 | Innovation @ 51+00 - 54+00 | 11 | Conflict 12"WM, BellSo, FPL Pole | 2.5 Hrs. |
| 5/25/07 | Friday | 20wm | 263 | Innovation @ 48+00 - 51+00 | 11 | Conflict 12"WM, BellSo, FPL Pole | 7 Hrs. |
| 5/26/07 | Saturday | | | | | | |
| 5/27/07 | Sunday | | | | | | |
| 5/28/07 | Monday | | | | | | |
| 5/29/07 | Tuesday | 20wm | 432 | Innovation @ 44+00 - 48+00 | 11 | Conflict 12"DIP Crossing Trench, Defl 2' (Remove & Relay 60') 40 | 2 4.5 Hrs. |
| 5/30/07 | Wednesday | 20wm | 269 | Innovation @ 41+00 - 44+00 | 11 | Conflict 6" Backflow preventer, Investigate & Deflect | 0 1 Hrs. |
| 5/31/07 | Thursday | 18fm | 534 | Innovation @ 49+00 - 54+00 | 11.5 | Conflict BellSo, 15" Culvert, 3" Gas (Not on Plans) | 3 Hrs. |
| 6/1/07 | Friday | 18fm | 455 | Innovation @ 45+00 - 49+00 | 8 | Conflict 4" FM TEE w/ T.B., 4" conduit @ 47+20 (Not on Plans) | 2 Hrs. |
| 6/2/07 | Saturday | | | Clean-up | 2 | | |
| 6/3/07 | Sunday | | | | | | |
| 6/4/07 | Monday | 18fm | 180 | Innovation @ 43+00 - 45+00 | 10 | 30" Storm Xing @ 43+75 - Lower Pipe, Parallel Storm Drainage | 7 5 Hrs. |
| 6/5/07 | Tuesday | 18fm | 120 | Innovation @ 42+00 - 43+00 | 11 | 30" St. Xing - Recover Grade, 3/4", 4" & 2" Pipes (Not on Plan) in Trenchline | 5 5 Hrs. |
| 6/6/07 | Wednesday | 18fm | 71 | Innovation @ 41+00 - 42+00 | 10.5 | Unexpected Utilities in Trenchline - Investigation | 0 7 Hrs. |
| 6/7/07 | Thursday | 12" xing | 49 | Innovation xing @ 66+00, Pg.40 | 12.5 | Presented under A.W. 14A | |
| 6/8/07 | Friday | | | Wellpoint FM @ Innovation xing | 11.5 | Stripped 200' @ Old Parking Lot, Resod area on Completion | 0 5 Hrs. |
| 6/9/07 | Saturday | 20wm, 18fm | 148 | Innovation @ 40+00 - 41+00 | 11 | 24" Storm Xing @ 40+00 | 2 Hrs. |
| 6/10/07 | Sunday | | | | | | |
| 6/11/07 | Monday | 20wm | 61 | Innovation @ 40+00 | 11.5 | Power Pole & Under 24" Storm | 2 4 Hrs. |
| 6/12/07 | Tuesday | 18fm | 146 | Innovation @ Lift Station Site | 9.5 | 4-6" Conduits, Power, & Gas - Not on Plans | 2 Hrs. |
| 6/13/07 | Wednesday | 18fm | 195 | Innovation @ LSta Site, 3-45's, 90 | 13 | Utility Locations - Not on Plans - Investigate | 0 3 Hrs. |
| 6/14/07 | Thursday | | | | | | |
| 6/15/07 | Friday | 20wm | 282 | Innovation, ARV42-1W | 10.5 | Electrical Conduit not on plans | 1 Hrs. |
| 6/16/07 | Saturday | | | Frame & Covers | 6 | | |
| 6/17/07 | Sunday | | | | | | |
| 6/18/07 | Monday | 20wm | 328 | Innovation & FH - Rain | 9 | | |
| 6/19/07 | Tuesday | L.S. | 125 | LS - Water Service, MH, 16" Sewer | 11 | | |
| 6/20/07 | Wednesday | 16" FM | 18 | LS - 16" Sewer | 11.5 | | |
| 6/21/07 | Thursday | L.S. | 154 | LS - 8" Sewer | 12.5 | Pothole FM @ Tiein, Power, Water, unknown 1/4" - not on plan | 0 5.5 Hrs. |

Total L&E Hours Additional Work

73 Hours

27 hours

Lanzo Labor & Equipment

66,162.67

Crew Hours 73 Hrs.

Utility Crew - Innovation - Utility Conflicts - 37+00 to 66+00

| Labor | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|-------------------------|------|-----------|----------|----------|
| Reg. - (Mon-Fri) | | | | |
| Working Super | 0.5 | 35.00 | 17.5 | 1,777.50 |
| Working Foreman | 1 | 30.00 | 27 | 2,490.00 |
| Operator | 2 | 16.00 | 218.0 | 3,504.00 |
| Skilled Labor | 2 | 14.00 | 146.0 | 2,044.00 |
| Unskilled Labor | 2 | 10.00 | 146.0 | 1,460.00 |

Subtotal 10,475.50

Factored for 50 hr Week 14,403.81
1+55(hrs. Paid)/50(hrs. Worked) 2002.86

O.T. - (Sat & Sun)

| | | | | |
|-----------------|--|-------|--|--|
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |

Subtotal

Labor Subtotal ~~14,403.81~~

62% Burden ~~8,930.36~~

Labor Subtotal ~~23,334.18~~

15% Mark-Up ~~3,500.13~~

Labor Total ~~26,834.30~~

10,997.06

[illegible]

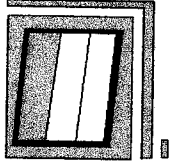
Total Labor & Equipment ~~65,184.90~~

1.5% Ins. & Bond ~~977.77~~

Labor & Equipment Total 66,162.87

Equipment Total ~~38,350.60~~

14,184.72



LANZO

**CONSTRUCTION
CO., FLORIDA**

125 Southeast 5th Ct.
Deerfield Beach, Fl. 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

July 24, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061, F-362 – AW-14a
12" Watermain Conflict – Innovation Drive – Sta. 66+00
Innovation Road Crossing - Cost Presentation

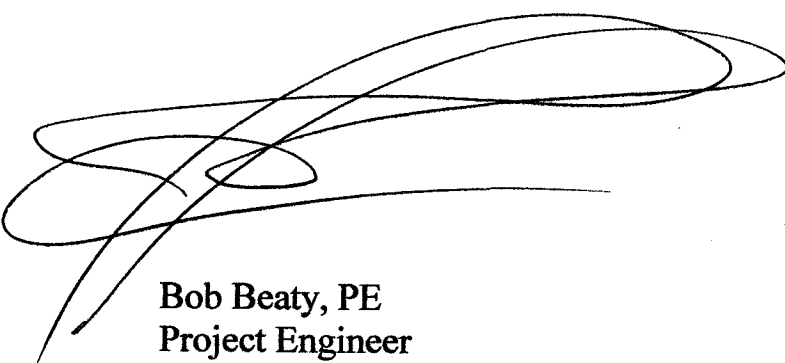
The attached details the costs (~~6~~² Hours Crew Time) associated with additional work (discovery, investigation, realignment) caused by the unexpected utilities on Innovation Drive (Sta. 66+00 – South Side). Lanzo's 5/8 Notice Letter is attached for your reference. The realignment associated with the Innovation (North Side) realignment resulted in additional conflicts on the Innovation (South Side) utilities.

Please review and provide a means of payment for ~~\$5,521.67~~ and ~~X~~ day Contract Time to compensate Lanzo for this additional work.

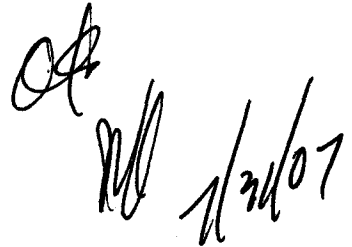
\$2684.00

If I can be of assistance in your review, please call.

Sincerely,


Bob Beaty, PE
Project Engineer

Cc: F362 Correspondence / PB County / F362 AW14a-Innovation-Xing-Cost 7-24-07
Lanzo – MPT, JMT, KP, BR


11/24/07

An Equal Opportunity Employer

Lanzo Labor & Equipment

5,521.67

Crew Hours 6 Hrs. 6/7/07, Innovation Crossing @ 66+00, Utility Conflicts (Unexpected, Not on Plans)

| Labor | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|------------------|------|-----------|----------|--------|
| Reg. - (Mon-Fri) | | | | |
| Working Super | 0.5 | 35.00 | 17.5 | 105.00 |
| Working Foreman | 1 | 30.00 | 30.0 | 180.00 |
| Operator | 3 | 16.00 | 48.0 | 288.00 |
| Skilled Labor | 2 | 14.00 | 28.0 | 168.00 |
| Unskilled Labor | 2 | 10.00 | 20.0 | 120.00 |

Subtotal 227 861.00

Factored for 50 hr Week 1,183.88
1+55(hrs. Paid)/50(hrs. Worked) 383

| | | | | |
|--------------------|--|-------|--|--|
| O.T. - (Sat & Sun) | | | | |
| Foreman | | 52.50 | | |
| Operator | | 24.00 | | |
| Skilled Labor | | 21.00 | | |
| Unskilled Labor | | 15.00 | | |

Subtotal

Labor Subtotal 383 1,183.88

62% Burden 620 734.00

Labor Subtotal 1,917.88

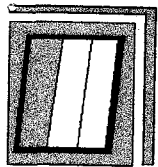
25% Mark-Up 479.47

Labor Total 775 2,397.35

| Equipment | Qty. | Hrly Rate | Tot. Hrs | Sub. |
|-------------------------------------|------|-----------|----------|----------|
| Pick-up | | \$18.54 | | |
| Pick-up | 1 | \$18.54 | 18.0 | 111.24 |
| P&H - 70 Ton | | | 2 | 37.08 |
| Cat 375 | | \$253.79 | | |
| Cat 365 | | \$212.45 | | |
| Cat 345 | 1 | \$168.48 | 16.0 | 1,010.88 |
| Cat 322 | | \$95.76 | 2 | 336.96 |
| Cat 318 - 125 HP | 1 | \$65.41 | 6.0 | 392.46 |
| Cat 215 BLC | | | 2 | 130.82 |
| Cat D4H Series III | 1 | \$44.91 | 6.0 | 269.46 |
| 1000 Gal Fuel Tank | | | 2 | 88.82 |
| JCB 436B | | | | |
| Cat 938 F | 1 | \$46.53 | 6.0 | 93.06 |
| Cat 950 Loader | 1 | \$59.62 | 6.0 | 357.72 |
| Mustang - 960 Skid Steer | | \$24.89 | | 119.24 |
| JCB Combination LDR / BH | 1 | \$50.51 | 6.0 | 303.06 |
| Cat 12G | | \$59.32 | | 161.02 |
| Paver | | | | |
| Dynapac - Type CC142 | | \$50.76 | | |
| Bomag Dbl Drum | | \$14.61 | | |
| Wacker Tamp | | \$6.10 | | |
| 6x4 On-Highway Rear Dump | | \$64.55 | | |
| Cat D25D Off Road Dump | 1 | \$47.46 | 6.0 | 284.76 |
| Utility Van | | | | 94.92 |
| Tack Truck | | \$23.05 | | |
| Water Truck | | \$47.96 | | |
| 12" Well Point Pump | | \$40.10 | | |
| Well Point Header System - 200' | | | | |
| 3" Centrifugal Pump | | \$6.54 | | |
| Alignment Laser | | | | |
| Generator | | | | |
| Light Plant | | | 5.32 | |
| Cut-off Saw | 1 | \$2.66 | 6.0 | 15.96 |
| Small Tools | 1 | \$3.00 | 6.0 | 18.00 |
| MKT V-17 Vibratory Driver/Extractor | | | | |
| Portable Torches | | | | |
| Portable Welder | | | | |
| Jack Hammer | | | | |
| Ingersol Rand 175 - PI75CWD | | | | |
| Trench Box | | | | |
| Trench Plates | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Total Labor & Equipment 5,440.07
1.5% Ins. & Bond 81.60
Labor & Equipment Total 5,521.67

Equipment Total 1,014.24 3,042.72



LANZO

CONSTRUCTION
CO., FLORIDA

125 Southeast 5th Ct.
Deerfield Beach, Fl. 33441-4749
Office: (954) 979-0802
Fax: (954) 979-9897

May 8, 2007

Palm Beach County
P.O. Box 16097
West Palm Beach, Florida 33416-6097

Attention: Joseph Tanacredi, P.E.

Reference: Northern Region Utility Improvement – Phase III
Project #: WUD 05-061, F-362 – AW-14
12" Watermain Conflict – Innovation Drive – Sta. 66+00
Notice of Changed Condition - Request for Direction

Lanzo has discovered a 12-in watermain within Innovation Drive in direct conflict with the Contract Proposed location for the 18-inch forcemain. This situation could not have been expected at time of bid representing a changed condition. Please accept this letter as Lanzo's Notice of Changed Condition.

Please review this situation and provide direction as to Palm Beach County's expectations.

If I can be of assistance in your review, please call.

Sincerely,

Bob Beaty, PE
Project Engineer

Cc: F362 Correspondence / PB County / F362 AW14-Innovation-WM-5-8-07
Lanzo – MPT, JMT, KP, BR

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2466

Change Order No. Four(4)

CHANGE ORDER CATEGORIZATION

☒ OWNER INITIATED

☒ QUANTITY OVERRUNS/UNDER-RUNS

☒ DIFFERING SITE CONDITIONS

☐ REQUEST BY ANOTHER AGENCY/OUTSIDE

☐ ZONING/CODE/ORDINANCE CHANGES

☐ A. REIMBURSABLE

☒ ERRORS/OMISSIONS/IN DESIGN

☐ B. NON-REIMBURSABLE

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2466

Change Order No. Four(4)

SCOPE OF WORK

- 4.1 Credit for contract allowance not used (Owner Initiated).
- 4.2 Paint the ARV manholes and Meter vault on the Force main (Errors and Omission).
- 4.3 Add additional asphalt restoration along innovation dr because of relocating the force main to avoid existing utilities (Differing site condition).
- 4.4 Additional work to avoid existing utilities that were not shown on the original plan design (Differing site condition).
- 4.5 Relocate 18" force main around existing 12" water main that was not shown on the plans (differing site condition).
- 4.6 Reimburs contractor for unused materials purchase by the County and Removed from contract in Change order #1(Owner Initiated).

Northern Region Utility Improvement-Phase III

Project No. WUD 05-061

District Number: 1

Contract No. R2006-2466

Change Order No. Four(4)

COST SUMMARY

| <u>C.O.</u> | <u>DESCRIPTION</u> | <u>ADDITIONS</u> | <u>(DELETIONS)</u> | <u>NET CHANGE</u> |
|--------------|--|------------------|--------------------|-------------------|
| 4.1 | Credit for contract allowance | | (\$25,000.00) | (\$25,000.00) |
| 4.2 | Painting ARV Manholes and meter Valve | \$21,700.00 | | \$21,700.00 |
| 4.3 | Additional Asphalt along innovation Dr | \$52,110.00 | | \$52,110.00 |
| 4.4 | Additional work for conflicts along innovation Dr | \$25,560.00 | | \$25,560.00 |
| 4.5 | 12" water Main Conflict@ station 66+00 | \$2,685.00 | | \$2,685.00 |
| 4.6 | Refund unused portion of County purchase materials | \$69,704.40 | | \$69,704.40 |
| <u>Total</u> | | \$171,759.40 | (\$25,000.00) | \$146,759.40 |

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT: Northern Region Utility
Improvement Project Phase III

APPROVAL LIMITS:

CONTRACTOR: Lanzo Construction, Co.

PROJECT NO.: 05-061

| | | | | | | | | |
|------------------|-----------------------|------------------|--------------|---------|--------------|---------|--------------|---------|
| RESOLUTION: | R2006-2466 | | (Amount) | (Days) | (Amount) | (Days) | (Amount) | (Days) |
| DATE APPROVED: | 6/06/06 | INDIVIDUAL C.O. | \$50,000.00 | 10 Days | \$50,000.00 | 20 Days | \$100,000.00 | 30 Days |
| CONTRACT AMOUNT: | 9,264,000.00 | CUMMULATIVE C.O. | \$100,000.00 | 30 Days | \$100,000.00 | 30 Days | \$200,000.00 | 60 Days |

| C.O. # | DATE APPROVED | NET CHANGE | DEPARTMENT HEAD (ADDS PLUS DEDUCTS) | | CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS) | | TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS) | | BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS) | | TOTALS |
|--------|------------------|----------------|--|------|---|------|--|------|---|------|----------------|
| | | | AMOUNT | DAYS | AMOUNT | DAYS | AMOUNT | DAYS | AMOUNT | DAYS | |
| 001 | 11/21/06 | (3,631,703.07) | 0 | 0 | 0 | 0 | 0 | 0 | (3,631,703.07) | 0 | (3,631,703.07) |
| 002 | 8/21/07 | 98,944.78 | 0 | 0 | 0 | 0 | 0 | 0 | 98,944.78 | 5 | 98,944.78 |
| 003 | 9/11/07 | (16,029.66) | 0 | 0 | 0 | 0 | 0 | 0 | (16,029.66) | 7 | (16,029.66) |
| 004 | pending | 146,759.40 | 0 | 0 | 0 | 0 | 0 | 0 | 146,759.40 | 10 | 146,759.40 |
| <hr/> | | | | | | | | | | | |
| TOTAL | | (3,402,028.55) | 0 | 0 | 0 | 0 | 0 | 0 | (3,402,028.55) | 22 | (3,402,028.55) |

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$3000 (Prior to Substantial Completion) and = \$ 1000 (After Substantial Completion).