



**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2010	2011	2012	2013	2014
Capital Expenditures	\$166,325	-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>\$166,325</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 4011 Dept 721 Unit W006 Object 6547

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

Water Utilities User Fees

Change Order #5 \$166,325.00

C. Departmental Fiscal Review: Abrollwhite

**III. REVIEW COMMENTS**

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

*Original contract was \$5,640,527.74, Price change was \$5,642,140.82  
New contract amount is \$5,808,465.82. A difference of \$166,325 increase.*

*[Signature]*  
OFMB *6/10/10*  
*6/11/10*

*[Signature]*  
Contract Dev. and Control  
*6/11/10*

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

*This item complies with current County policies.*

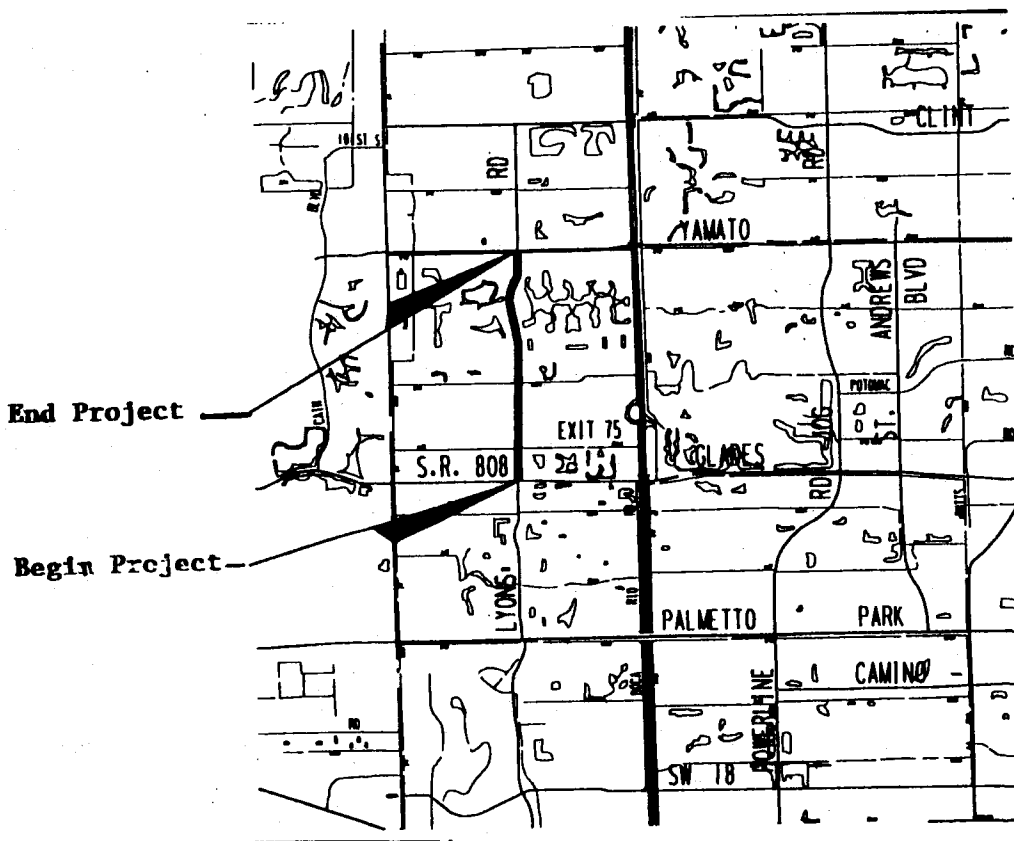
*[Signature]* *6/22/10*  
Assistant County Attorney

**C. Other Department Review:**

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

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

**PROJECT LOCATION  
PROJECT # 1998504  
LYONS ROAD  
FROM  
GLADES ROAD TO YAMATO ROAD**



**LOCATION SKETCH**

ORIGINAL

CHANGE ORDER

Attachment 2

- Owner Initiated
- Differing Site Conditions
- Zoning/Code/Ordinance Changes
- Errors/Omissions/In Design

- Quantity Overruns/Underruns
- Request By Another Agency/Outside Party
- A. Reimbursable  B. Non-Reimbursable
- Other:

PROJECT: **LYONS ROAD/GLADES ROAD TO YAMATO ROAD** CHANGE ORDER NO: 5 (five)  
 (Name) COUNTY PROJECT NO: 1998504  
 TO: CONTRACT DATE: 02/24/09  
 (Contractor) American Engineering & Development Corp. RESOLUTION NO: R2009-0261  
 DISTRICT NO: 5

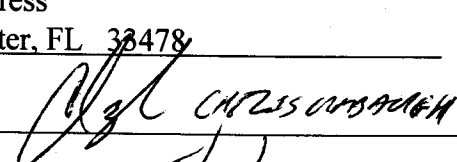
You are directed to make the following changes in this Contract:

Construct force main facilities as shown on PBCWUD plan sheets  
 2, 3, 6, 7, 8 and 9, and as per attached proposal dated April 22, 2010. \$ 166,325.00

**\*This construction is fully funded by PBCWUD**

The original Contract Sum was . . . . .	\$5,640,527.74
Net change by previous Change Orders. . . . .	\$ 1,613.08
The Contract Sum prior to this Change Order was . . . . .	\$5,642,140.82
The Contract Sum will be increased by this Change Order . . . . .	\$ 166,325.00
The new Contract Sum including this Change Order will be . . . . .	\$5,808,465.82
The Contract Time will be increased by . . . . .	( 32 ) Days
The Date of Completion as of the date of this Change Order therefore is . . . . .	June 13, 2010

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), AND INCLUDING ANY CLAIM THAT THE ABOVE-STATED MODIFICATION(S) CONSTITUTES, IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

ENGINEER (If Applicable)	<u>American Engineering &amp; Develop. Corp.</u> CONTRACTOR	<u>P.B.Co. Board of County Commissioners</u> OWNER
Address	<u>15075 Corporate Road North</u> Address Jupiter, FL 33478	<u>P.O. Box 21229</u> Address West Palm Beach, FL 33416-1229
BY	BY 	BY
DATE	DATE <u>5/10/10</u>	DATE

ATTEST: Sharon R. Bock,  
Clerk & Comptroller

Approved as to Form and Legal  
Sufficiency:

(Deputy Clerk) Date

(County Attorney)



**Water Utilities Department  
Engineering**

P. O. Box 16097

West Palm Beach, FL 33416-6097

(561) 493-6000

Fax: (561) 493-6113

www.pbcwater.com

**Palm Beach County  
Board of County  
Commissioners**

Burt Aaronson, Chair

Karen T. Marcus, Vice Chair

Jeff Koons

Shelley Vana

Steven L. Abrams

Jess R. Santamaria

Priscilla A. Taylor

**County Administrator**

Robert Weisman



*"An Equal Opportunity  
Affirmative Action Employee"*

May 5, 2010

Mr. Robert Gunnell  
Chief Construction Coordinator  
P.B.C. Engineering & Public Works Dept.  
2300 North Jog Rd  
West Palm Beach, FL 33411-2745

Reference: Lyons Rd  
Glades Rd to Yamato Rd  
PBC Project No. 1998-504

Dear Mr. Gunnell:

Due to a high pressure force main pipe in our system along West Kimberly Blvd, Palm Beach County Water Utilities Dept (PBCWUD) has decided to install a new 12" and 10" force main pipe along Lyons Rd from West Kimberly Blvd to West New England and from New England Blvd to Yamato Rd.

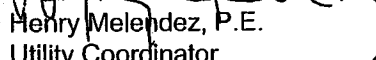
In order to avoid traffic disturbance and brand new pavement restoration, PBCWUD respectfully request to include a portion of the pipe installation within the road project currently under construction (PBC # 1998-504) by American Engineering and Development Corporation. For your reference, attached are utility plans

Attached is a original Funding Availability Statement in the amount of \$166,325.00 for the above referenced road improvement project as shown on attached proposal from American Engineering and Development Corporation.

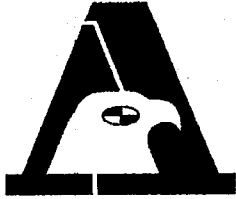
Please provide Water Utilities with a copy of the approved pay applications for our records and note that all invoices should be charged to account number 4011-721-W006-6547 (100%).

If you need information or any further assistance, please contact me at (561) 493-6120.

Sincerely,

  
Henry Melendez, P.E.  
Utility Coordinator  
PBCWUD, Engineering Section

C: File



**American  
Engineering &  
Development  
Corporation**

AEDC PROJECT NO:09-817  
HCSS No.: 817WS17

**TO: PBC Board of Commissioners  
Works Dept  
Attn: Bob Gunnell  
P.O. Box 21229  
West Palm Beach, FL 33416-1229  
Ph: 561-684-4180  
Fax: 561-684-4165**

**CHANGE ORDER NO. 15 Revised 1  
DATE: April 22, 2010  
PROJECT: 09-817- Lyons  
Road**

**We hereby propose to perform the following work:**

**12" Force Main Extension per Sheets 8 of 11 and 9 of 11 dated 3/26/10**

**\$ 129,375.00**

A.

12" DIP Force Main	100	LF
10" DIP Force Main	15	LF
12" HDPE Directional Bore	600	LF
12" MJ 90 Bend	2	EA
12" MJ 45 Bend	2	EA
12" x 10" MJ Reducer	1	EA
10" MJ 90 Bend	2	EA
12" HDPE x MJ Adapter	2	EA
16" x 12" Tapping Sleeve, Valve, Box	1	EA
10" x 10" Tapping Sleeve, Valve, Box	1	EA
Directional Bore Pits	2	EA
Remove Existing Asphalt & Dispose	1	LS
Rmv Exist Concrete Curb & Sidewalk	1	LS
Vacuum Locates/Soft Digs	4	EA
Asphalt Replacement	225	SY
Concrete Sidewalk Replacement	450	SF
Handicap Ramp Replacement	1	EA
Type "F" Curb Replacement	35	LF
Traffic Maintenance	1	LS
Force Main Testing	1	LS
Force Main Staking w/Asbuilts	1	LS

Force Main at West Kimberly Blvd & West New England Blvd per sheets 2,3,6,7  
of 11, dated 4/20/10

\$ 36,950.00

12" DIP Force Main	80	LF
10" DIP Force Main	40	LF
10" Gate Valve & Box	5	EA
12" MJ 45 Bend	2	EA
12" MJ Plug	1	EA
12" x 10" MJ Reducer	1	EA
10" MJ 90 Bend	1	EA
10" MJ Plug	1	EA
Cut In 10" MJ Tee	2	EA
Restrain Existing 10" Force Main	2	EA
Remove Existing Asphalt, Sidewalk, Curb & Dispose	1	LS
Asphalt Replacement	60	SY
Concrete Sidewalk Replacement	200	SF
Handicap Ramp Replacement	2	EA
Type "F" Curb Replacement	30	LF
Traffic Maintenance	1	LS
Force Main Staking w/Asbuilts	1	LS

**TOTAL LUMP SUM FOR THIS CHANGE ORDER**

**\$ 166,325.00**

**ADDITIONAL CALANDER DAYS FOR INSTALLATION 32 DAYS**

**32 DAYS**

**ADDITIONAL CALANDER DAYS FOR CERTIFICACION 14 DAYS**

**THE PARTIES HEREBY AGREE to modify the Contract by the herein Change Order, which becomes part of the Contract. All work is to be performed under the terms and conditions of the Contract unless otherwise agreed in writing. Facsimile signatures are binding as originals.**

**ADD**

**\$ 166,325.00**

**ACCEPTED:**

**American Engineering & Development  
Corporation**

**Palm Beach County**

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: Chris Umbaugh \_\_\_\_\_

Name: \_\_\_\_\_

Title: Operations Manager \_\_\_\_\_

Title: \_\_\_\_\_

*(Please sign, and return one copy for our records.)*

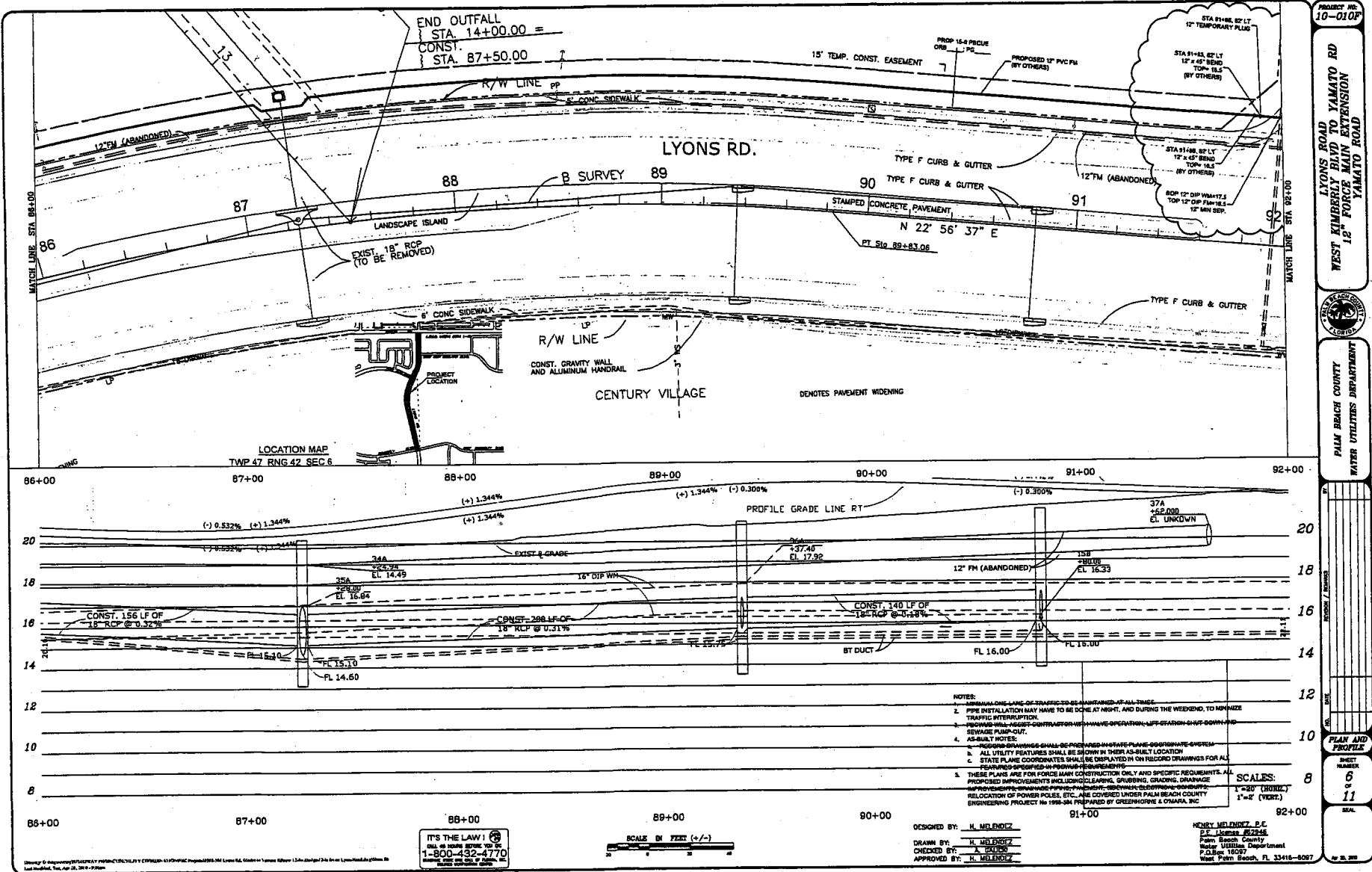
O:\Contracts\Job Files\09817 - Lyons Road\Change Orders\CO's Sent to County\817-015C r1 (Force Main Extension).doc

EXECUTIVE OFFICE • 11765 W. OKEECHOBEE ROAD • HIALEAH GARDENS, FL 33018 (305) 825-9800 • (888) 522-8160 • FAX: (305) 825-9806  
NORTHERN DIVISION • 15075 CORPORATE ROAD NORTH • JUPITER, FL 33478 (561) 242-9770 • FAX: (561) 242-9680









PROJECT NO. 10-010F

LYONS ROAD  
WEST KIMBERLY BLVD TO YAMATO RD  
12" FORCE MAIN EXTENSION  
YAMATO ROAD

PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT

DATE: 10/11/10

SCALE: 1"=20' (HORIZ.)  
1"=2' (VERT.)

DESIGNED BY: H. MENDOZA  
DRAWN BY: H. MENDOZA  
CHECKED BY: A. FALLO  
APPROVED BY: H. MENDOZA

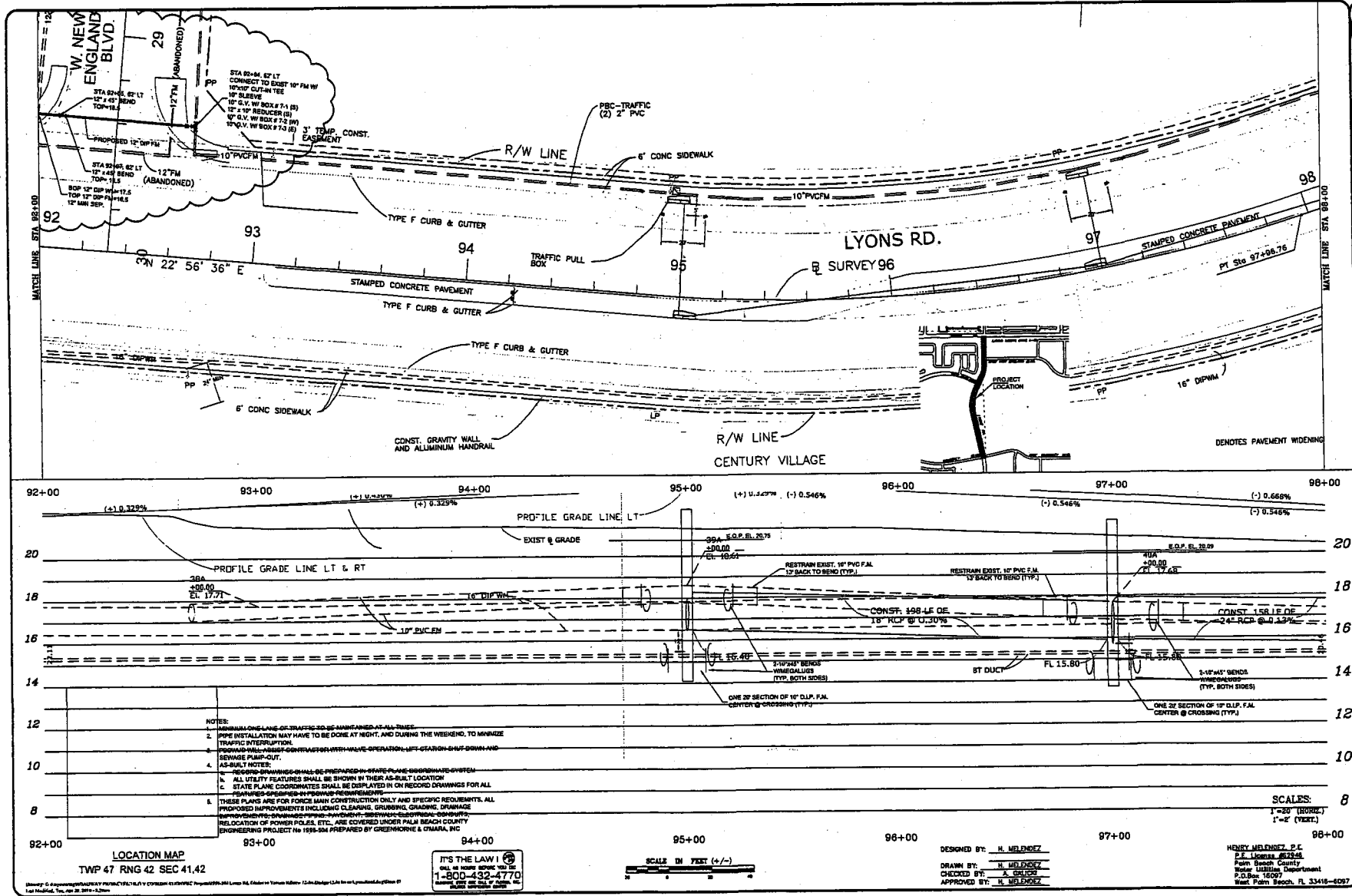
HENRY MENDOZA, P.E.  
P.E. License #22248  
Palm Beach County  
Water Utilities Department  
P.O. Box 1027  
West Palm Beach, FL 33418-0027

6 of 11  
SHEET NUMBER

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WWW.HOK.COM





PROJECT NO. 10-010F

LYONS ROAD  
WEST KIMBERLY BLVD TO YAMATO RD  
12" FORCE MAIN EXTENSION  
YAMATO ROAD

PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT

PLAN AND PROFILE

SHEET NUMBER 7 OF 11

SCALE: 1"=20' (HORIZ.)  
1"=2' (VERT.)

DESIGNED BY: H. MELLENZ  
DRAWN BY: H. MELLENZ  
CHECKED BY: A. GIBBS  
APPROVED BY: H. MELLENZ

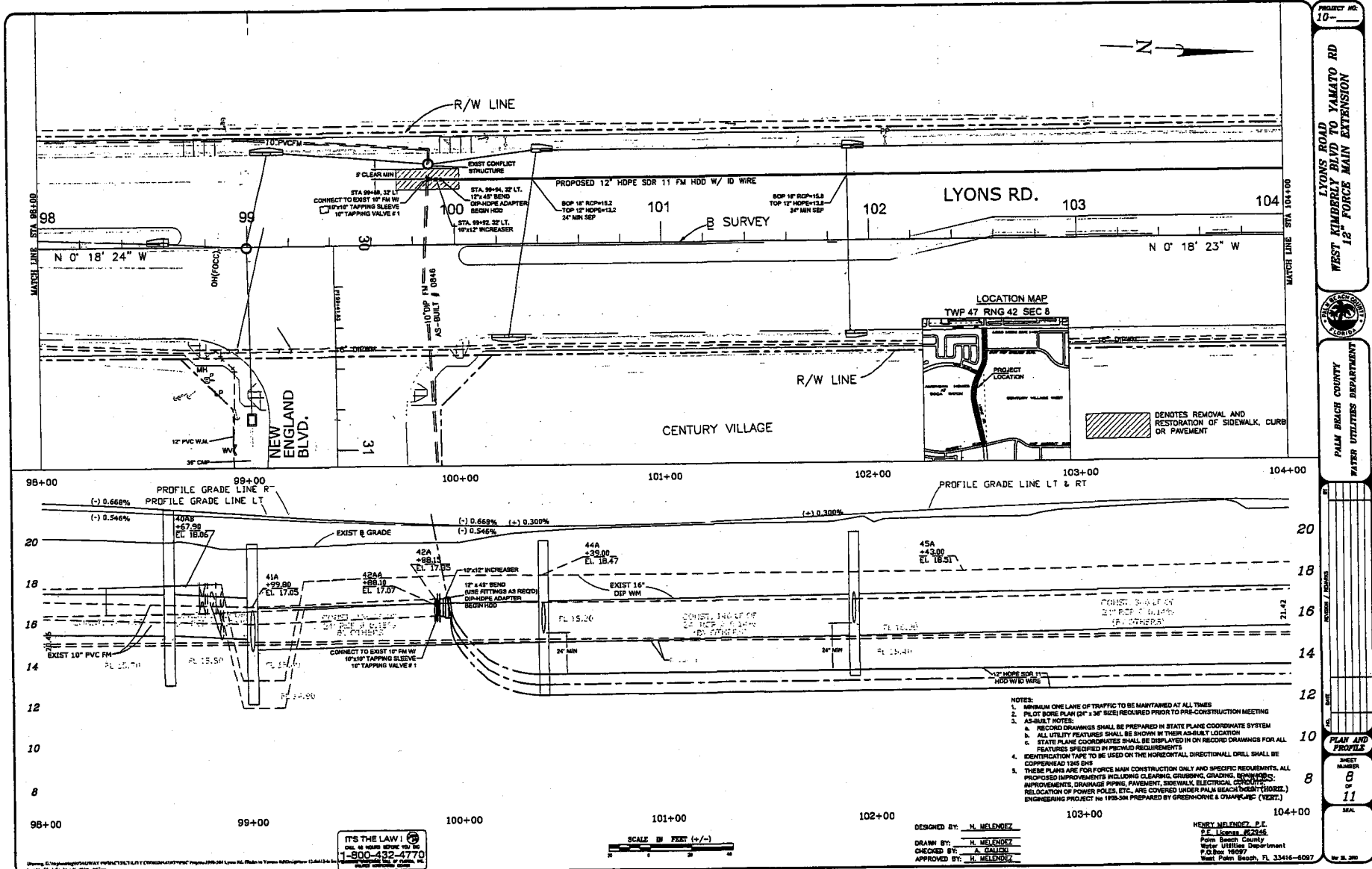
HENRY MELLENZ, P.E.  
P.E. LICENSE #53248  
Palm Beach County  
Water Utilities Department  
P.O. Box 16097  
West Palm Beach, FL 33416-4097

LOCATION MAP  
TWP 47 RING 42 SEC 41.42

NOTES:  
1. MINIMUM ONE LANE OF TRAFFIC TO BE MAINTAINED AT ALL TIMES.  
2. PIPE INSTALLATION MAY HAVE TO BE DONE AT NIGHT, AND DURING THE WEEKEND, TO MINIMIZE TRAFFIC INTERUPTION.  
3. DRAINAGE MANHOLES SHALL BE INSTALLED WITH VALVE OPERATION, LIFT STATION SHUT-DOWN AND SEWAGE PUMP-OUT.  
4. AS-BUILT NOTES:  
A. RECORD DRAWINGS SHALL BE PREPARED IN STATE PLANE COORDINATE SYSTEM.  
B. ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.  
C. STATE PLANE COORDINATES SHALL BE DISPLAYED IN ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN PROWAP REQUIREMENTS.  
5. THESE PLANS ARE FOR FORCE MAIN CONSTRUCTION ONLY AND SPECIFIC REQUIREMENTS, ALL PROPOSED IMPROVEMENTS INCLUDING CLEARING, GRUBBING, GRADING, DRAINAGE IMPROVEMENTS, DRAINAGE PIPING, PAVEMENT, SEWERAGE, SUBSURFACE CONDUITS, INDICATION OF POWER POLES, ETC., ARE COVERED UNDER PALM BEACH COUNTY ENGINEERING PROJECT NO 1998-004 PREPARED BY GREENHORNE & OSMARA, INC

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www.itsthe-law.com





PROJECT NO. 10

LYONS ROAD  
WEST KIMBERLY BLVD TO YAMATO RD  
12\"/>

PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT

PLAN AND PROFILE

SHEET NUMBER 8 OF 11

DATE 08/11

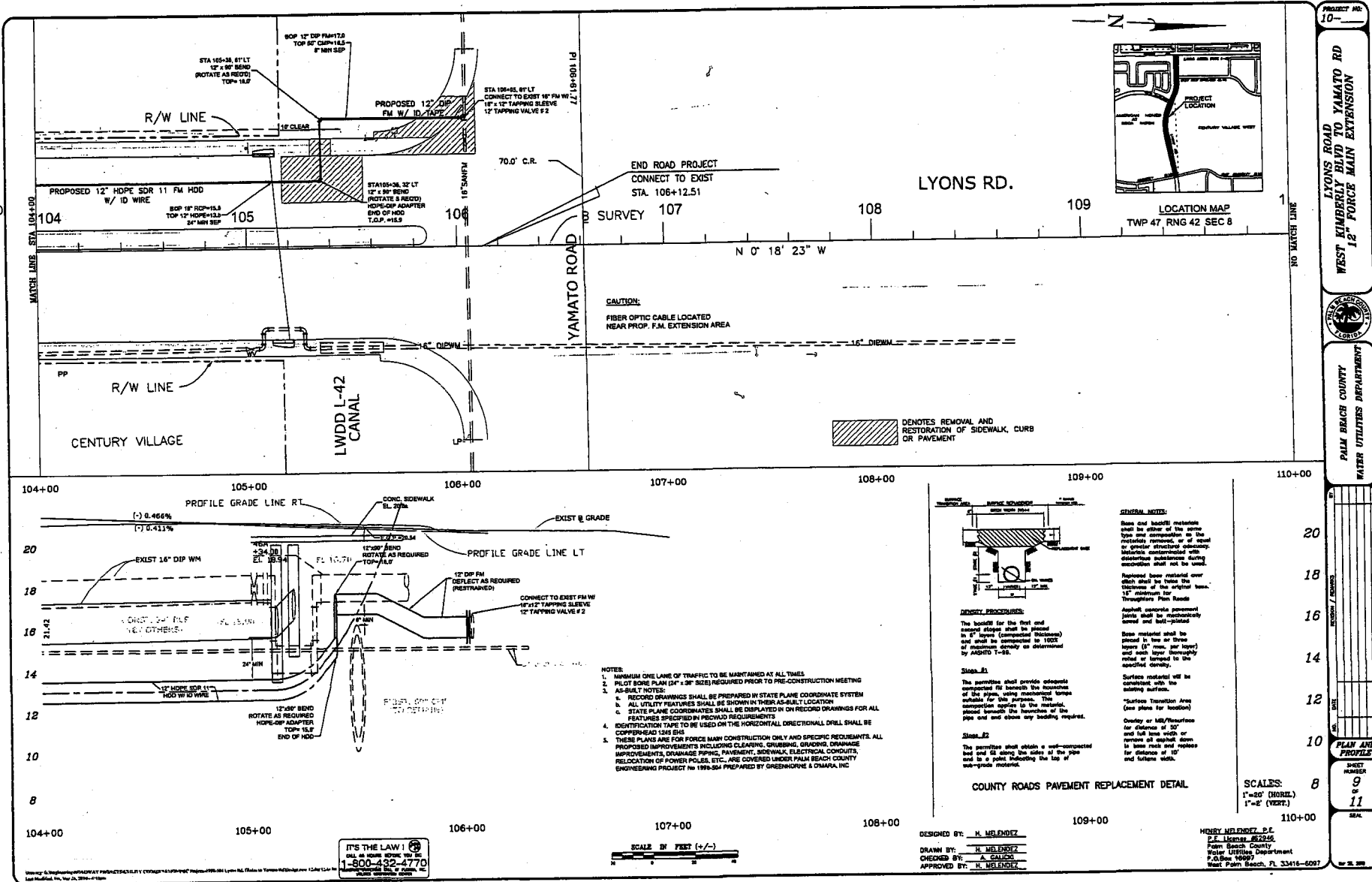
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1-800-432-4770



DESIGNED BY: H. MELENDEZ  
DRAWN BY: H. MELENDEZ  
CHECKED BY: A. CAJON  
APPROVED BY: H. MELENDEZ

HENRY MELENDEZ, P.E.  
P.E. License #22245  
Palm Beach County  
Water Utilities Department  
P.O. Box 19077  
West Palm Beach, FL 33416-6097

- NOTES:
- MINIMUM ONE LANE OF TRAFFIC TO BE MAINTAINED AT ALL TIMES
  - PLAT BORE PLAN (24" x 36" SIZE) REQUIRED PRIOR TO PRE-CONSTRUCTION MEETING
  - AS-BUILT NOTES:
    - a. RECORD DRAWINGS SHALL BE PREPARED IN STATE PLANE COORDINATE SYSTEM
    - b. ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION
    - c. STATE PLANE COORDINATES SHALL BE DISPLAYED IN ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN PROGRAM REQUIREMENTS
  - IDENTIFICATION TYPE TO BE USED ON THE HORIZONTAL DIRECTIONAL DRILL SHALL BE COPPERHEAD 1245 DHS
  - THESE PLANS ARE FOR FORCE MAIN CONSTRUCTION ONLY AND SPECIFIC REQUIREMENTS, ALL PROPOSED IMPROVEMENTS INCLUDING CLEANING, GRUBBING, GRADING, REMOVALS, IMPROVEMENTS, DRAINAGE PIPING, PAVEMENT, SIDEWALK, ELECTRICAL, CONDUITS, RELOCATION OF POWER POLES, ETC., ARE COVERED UNDER PALM BEACH COUNTY (VERT.) ENGINEERING PROJECT NO. 1708-304 PREPARED BY GREENHORNE & O'MALLEY, INC.



PROJECT NO. 10-

LYONS ROAD  
WEST KIMBERLY BLVD TO YAMATO RD  
12" FORCE MAIN EXTENSION

PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT

NO MATCH LINE

PLAN AND PROFILE

SHEET NUMBER 9 OF 11

SCALE: 1"=50' (HORZ.)  
1"=2' (VERT.)

DESIGNED BY: H. MELENDEZ  
DRAWN BY: H. MELENDEZ  
CHECKED BY: A. CAJIC  
APPROVED BY: H. MELENDEZ

HENRY MELENDEZ, P.E.  
P.E. License #32305  
Palm Beach County  
Water Utilities Department  
P.O. Box 10097  
West Palm Beach, FL 33416-0097

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CHANGE ORDER HISTORY

PALM BEACH COUNTY PROJECT Lyons Road from Glades Road to Yamato Road; Project No. 1998504

C.O. #	DATE APPROVED	COUNTY ENGINEER		C.R. COMMITTEE		TOTAL DEPT. & C.R. APPROVALS		BOARD OF CO. COMM.	
		AMOUNT	TIME	AMOUNT	TIME	AMOUNT	TIME	AMOUNT	TIME
1	5/28/2009	7,320.50	0						
2	12/8/2009	6,424.84	0						
3	4/21/2010			0.00	21				
4	4/22/2010	-12,132.26	0						
	TOTAL	1,613.08	0	0.00	21	1,613.08	21		
	CUMULATIVE TOTAL	1,613.08	0	0.00	21	1,613.08	21		
		MAX. AMT. \$100,000.00	MAX. TIME 30 DAYS	MAX. AMT. \$100,000.00	MAX. TIME 90 DAYS	MAXIMUM CUMULATIVE CO. ENG. & C.R. COMM. \$200,000.00	MAX. CUM. CO.ENG.&C.R. 120 DAYS		

LIST OF PROPOSED SBE-M/WBE SUBCONTRACTORS

PROJECT NAME: LYONS RD - GLADES TO YAMATO PROJECT NO. \_\_\_\_\_  
 NAME OF PRIME BIDDER: AMENS AW ENGINEERING ADDRESS: 15075 CORPORATE RD. NORTON  
 CONTACT PERSON: OMIS UPADHAYA PHONE NO. 561-242-9770 FAX NO. 561-242-9686  
 BID OPENING DATE: \_\_\_\_\_ DEPARTMENT: \_\_\_\_\_

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES OF SUBCONTRACTORS

Name, Address and Phone Number	(Check one or both Categories)					Subcontract Amount: _____				
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)			
1. <u>N/A</u>	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			
2.	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			
3.	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			
4.	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			
5.	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			
(Please use additional sheets if necessary)	Total		\$ _____	\$ _____	\$ _____	\$ _____	\$ _____			

Total Bid Price: \$ 166,325<sup>00</sup>

Total Value of SBE Participation \$ 0<sup>00</sup>

NOTE:

- The amounts listed on this form must be supported by the Subcontractors prices included on Schedule 2 in order to be counted toward goal attainment
- Firms may be certified by Palm Beach County as an SBE and/or and M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
- M/WBE information is being collected for tracking purposes only.

**INTEROFFICE COMMUNICATION  
PALM BEACH COUNTY WATER UTILITIES DEPARTMENT  
BUDGET AVAILABILITY STATEMENT**

**DATE:** April 22, 2010

**TO:** Omelio A. Fernandez, P.E., Director  
Engineering/Public Works Operations

**FROM:** Guy Eggertsson, Fiscal Manager 1  
Water Utilities Department



**RE:** Lyons Road -Glades Road to Yamato Ranch Road  
American Engineering and Development, Inc.  
WUD Project Number 10-010F  
P.B.CO Project #1998-504

**FISCAL IMPACT ANALYSIS:**

Summary of Fiscal Impact:

Is item included in current budget? Yes X No \_\_\_

Budget Account Number:

Fund	Agency	Organization	Object	Amount
4011	721	W006	6547	\$166,325.00

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

WUD user fees.

C: Henry Melendez