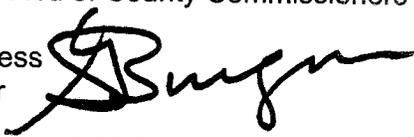


# Memorandum



**Date:** January 20, 2005  
**To:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners  
**From:** George M. Burgess  
County Manager   
**Subject:** Contract TA01-BWX-1S Busway Extension to Florida City & U.S. 1  
Reconstruction –Retroactive Change Order No. 2 (FINAL)

Agenda Item No. 7(J)(1)(E)

The attached retroactive Change Order No. Two (FINAL) to the contract between Central Florida Equipment Rentals and Miami-Dade County has been prepared by Miami-Dade Transit (MDT) and is recommended for approval.

**CHANGE ORDER NO.:** Two (FINAL)

**PROJECT NO.:** TA01-BWX-1S

**PROJECT NAME:** Busway Extension to Florida City & U.S. 1 Reconstruction

**PROJECT LOCATION:** From S.W. 232<sup>nd</sup> Street to S.W. 266<sup>th</sup> Street along U.S. 1 and the Florida East Coast (FEC) railroad corridor

**PROJECT DESCRIPTION:** The Busway portion of the contract includes the construction of 2 ½ miles of roadway within the former FEC corridor, including drainage, a bicycle path, landscaping, lighting, traffic signals and bus shelters. The U.S. 1 portion of the contract includes the reconstruction of northbound and southbound lanes finished with asphalt pavement, the construction of sidewalks and drainage, the widening of the C-1 canal bridge, street lighting and traffic signals.

**PRIME CONTRACTOR:** Central Florida Equipment Rentals

**COMPANY PRINCIPAL(S):** James Baer, President  
Robert Baer, Vice-President

**COMPANY QUALIFIER:** Robert Baer

LOCATION OF COMPANY: Miami, FL

YEARS IN BUSINESS: Twenty-five (25)

SUBCONTRACTOR: Anzac Contractors  
Barreiro Concrete Corp.  
Bob's Barricades  
Fence Masters  
General Asphalt Co., Inc.  
Metro Engineering Contractors Inc.

DBE GOAL: 16%

GOAL ACHIEVED AT AWARD: 16%

ORIGINAL ESTIMATE: \$16,467,867.18

CONTRACT AMOUNT: \$17,526,003.83 (See attached bid tabulation)

PREVIOUS CHANGE ORDERS: C.O. #1 – for an increase of \$360,453.51.  
Adjustments to original bid quantities including deletions of unused items, reductions and overruns due to underestimation by FDOT during design of the US-1 portion of this project. (approved 10/19/04 – Agenda Item # 7J1C)

CHANGE ORDER RECOMMENDATION: An increase of \$175,638.32 in the contract amount.

CLASSIFICATION OF CHANGE ORDER:

- Regulatory Change
- Other Agency Request Change
- Design Error Change
- Design Omission Change
- County Requested Change
- Unforeseen/Unforeseeable Change
- Other FDOT Related Changes

ADJUSTED CONTRACT AMOUNT: \$18,062,095.66

PERCENTAGE OF INCREASE OR DECREASE PREVIOUS CHANGE ORDERS: 2.06% increase in the contract amount.

PERCENTAGE OF INCREASE  
OR DECREASE THIS  
CHANGE ORDER:

1% increase in the contract amount.

JUSTIFICATION FOR  
CHANGE ORDER:

This Change Order is necessary because of County requested and Florida Department of Transportation (FDOT) related changes.

The County requested changes included the provision of additional preformed pile holes; the uncovering of the U.S. 1 sanitary sewer manholes that were paved over; the deletions of sealant, backer rods and pedestrian traffic signal heads; and the backcharges to the contractor for additional testing services caused by the contractor.

The FDOT related changes included the deletions of eighteen (18) original bid items that were not used; the decreases in seventy-eight (78) original bid items and the increases in twelve (12) original bid items to reflect the actual expended quantities. These adjustments to the original quantities were a result of the miscalculations made by the FDOT design engineers in their original bid estimates.

The cumulative total of this Change Order was calculated as follows:

**BUSWAY PORTION**

County Requested Changes:

- 1) Various new bid items – C.N. # 41; # 102;  
#103; #139 and #164 \$65,857.75

FDOT Related Changes:

- 2) C.N. #313 – Delete entirely 17 original bid  
items not provided (\$149,302.65)  
3) C.N. #314 – Decrease 46 original bid items  
to reflect actual expended quantities  
(\$199,202.37)  
4) C.N. #315 – Increase 2 original bid items to  
reflect actual expended quantities

\$34,114.60

**Subtotal (\$248,532.67)**

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**U.S. 1 PORTION**

County Requested Changes

1) New bid items – C.N. #139A; #141  
(\$1,301.38)

FDOT Related Changes

2) C.N. #316 – Delete entirely original bid item  
U2650-51-513 (\$2,450.00)

3) C.N. #317 – Decrease 32 original bid items  
to reflect actual expended quantities  
(\$268,022.40)

4) C.N. #318 – Increase 10 original bid items to  
reflect actual expended quantities

\$690,636.93  
**Subtotal**      **\$418,863.15**

C.N. #319 – Payment for additional bond cost  
for change order work

**Subtotal**      **\$5,307.84**

**Grand Total**    **\$175,638.32**

The certificate of final acceptance was issued  
on May 4, 2004.

The final Change Order negotiations with the contractor were concluded on August 6, 2004. The draft copy of the Change Order was prepared on August 9, 2004 and routed to the Project Control and Design & Engineering Divisions and the Assistant Director for their review and comments. Based on the comments received and after several revisions, the completed draft copy was sent to the County Attorney's Office for their preliminary legal review on August 31, 2004. On September 2, 2004, the originals of the Change Order were sent to the contractor for his signature and execution. These originals were received from the contractor on September 17, 2004, and the required County signatures (Chief, Construction; MDT Finance; Assistant Director; Director and Director, OSBM) were obtained on September 28, 2004.

Change Order # 1, approved by the BCC on 10/19/04, included bid item overruns for the

US-1 portion of the project that had been identified as of February 2004. The first Change Order (C.O. # 1) contained 13 separate Change Notices that were negotiated with the contractor with the last negotiations occurring in February 2004. The processing of the first Change Order was required to avoid an unnecessary delay in payment to the contractor. The remaining bid item overruns for the US-1 portion of the project, included in Change Order # 2, were identified as the project was being completed. This second and final Change Order includes 14 separate Change Notices that were negotiated with the contractor after the completion of the project in May 2004, with the last negotiations occurring in late-June 2004. This final Change Order includes the remainder of the total amount of overruns identified on the US-1 portion of the Busway Segment 1-South project. Therefore, the two change orders could not have been combined into one because this would have caused an unnecessary delay in payment to the Contractor for work that was performed last year.

MDT and FDOT staff discussed the additional costs incurred due to miscalculations by FDOT (C.N. #315 & C.N. #318-increases of twelve original bid items). MDT has requested FDOT to revise the Joint Participation Agreement (JPA) funding this project in order to reimburse the full amount of the additional costs associated with the FDOT related changes included in Change Order # 1 and Change Order # 2. FDOT is in the process of reviewing the documentation related to these costs. Once this review is complete, the revised JPA will be sent to the Board for approval.

ALLOWANCE ACCOUNT STATUS:

Original Amount: \$777,300.00  
Expended to date: \$766,964.90  
Balance Remaining \$ 10,335.10 (included in this  
Change Order as  
a credit)

CONTRACT COMPLETION DATE:

To remain as May 4, 2004

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FUNDING SOURCE:

Federal Transit Administration (FTA)  
40.0% - \$7,190,062.67  
Florida Dept. of Transportation (FDOT)  
60.0% - \$10,872,032.99

APPROVED FOR LEGAL  
SUFFICIENCY:

  
\_\_\_\_\_  
Bruce Libhaber  
Assistant County Attorney

10/22/04  
Date

  
\_\_\_\_\_  
Surface Transportation Manager

10/25/04  
Date



# MEMORANDUM

(Revised)

**TO:** Honorable Chairman Joe A. Martinez  
and Members, Board of County Commissioners

**DATE:** January 20, 2005

**FROM:**   
Robert A. Ginsburg  
County Attorney

**SUBJECT:** Agenda Item No. 7(J)(1)(E)

Please note any items checked.

- "4-Day Rule" ("3-Day Rule" for committees) applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Bid waiver requiring County Manager's written recommendation
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- Housekeeping item (no policy decision required)
- No committee review

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Approved \_\_\_\_\_ Mayor

Agenda Item No. 7(J)(1)(E)

Veto \_\_\_\_\_

01-20-05

Override \_\_\_\_\_

**RESOLUTION NO. \_\_\_\_\_**

RESOLUTION AUTHORIZING EXECUTION OF RETROACTIVE CHANGE ORDER NO. 2 (FINAL) TO CONTRACT TA01-BWX-1S BETWEEN MIAMI-DADE COUNTY AND CENTRAL FLORIDA EQUIPMENT RENTALS FOR AN INCREASE OF \$175,638.32 IN THE CONTRACT AMOUNT

**WHEREAS**, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA**, that this Board approves Change Order No. 2 (FINAL) to Contract TA01-BWX-1S with Central Florida Equipment Rentals for an increase of \$175,638.32 in substantially the form attached hereto and made a part hereof; and authorizes the County Manager to execute same for and on behalf of Miami-Dade County.

The foregoing resolution was offered by Commissioner \_\_\_\_\_, who moved its adoption. The motion was seconded by Commissioner \_\_\_\_\_ and upon being put to a vote, the vote was as follows:

Joe A. Martinez, Chairman	
Dennis C. Moss, Vice-Chairman	
Bruno A. Barreiro	Dr. Barbara Carey-Shuler
Jose "Pepe" Diaz	Carlos A. Gimenez
Sally A. Heyman	Barbara J. Jordan
Dorrian D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

The Chairperson thereupon declared the resolution duly passed and adopted this 20th day of January, 2005. This Resolution and contract, if not vetoed, shall become effective in accordance with Resolution No. R-377-04.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF COUNTY  
COMMISSIONERS

HARVEY RUVIN, CLERK

Approved by County Attorney as  
to form and legal sufficiency. BL

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

Bruce Libhaber

CHANGE ORDER NO. 2(FINAL)

PROJECT NO. TA01-BWX-1S

DATE: September 1, 2004

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction Busway & US-1 Reconstruction

TO CONTRACTOR: Central Florida Equipment Rental 9030 N.W. 97<sup>th</sup> Terrace Medley, Florida 33178

YOU ARE HEREBY REQUESTED TO MAKE THE FOLLOWING CHANGES IN THE PLANS AND SPECIFICATIONS FOR THIS PROJECT AND TO PERFORM THE WORK ACCORDINGLY, SUBJECT TO ALL CONTRACT STIPULATIONS AND COVENANTS.

Perform change work as specified in Busway & US-1 Change Notice CN # 313, CN # 314, CN # 315, CN # 41, CN # 102, CN # 103, CN # 139, CN # 164, CN # 316, CN # 317, CN # 318; CN # 139A; CN # 141 and CN# 319.

SUMMARY OF CONTRACT AMOUNT

ORIGINAL CONTRACT AMOUNT	<u>\$17,526,003.83</u>
COST OF CONSTRUCTION CHANGES PREVIOUSLY ORDERED	<u>\$360,453.51</u>
ADJUSTED CONTRACT AMOUNT PRIOR TO THIS CHANGE ORDER	<u>\$17,886,457.34</u>
COST OF CONSTRUCTION CHANGES THIS ORDER	<u>\$175,638.32</u>
ADJUSTED CONTRACT AMOUNT INCLUDING THIS CHANGE ORDER	<u>\$18,062,095.66</u>
PERCENT INCREASE IN COST THIS CHANGE ORDER	<u>1.00%</u>
TOTAL PERCENT INCREASE IN COST TO DATE	<u>3.06%</u>
PERCENT INCREASE IN TIME THIS CHANGE ORDER	<u>0%</u>
TOTAL PERCENT INCREASE IN TIME TO DATE	<u>0%</u>

EXTENSION OF CONTRACT TIME ALLOWED BY THIS CHANGE 0 CALENDAR DAYS TO N/A Date

CERTIFYING STATEMENT: I hereby certify that the supporting cost data included is, in my considered opinion, accurate; that the prices quoted are fair and reasonable and in proper ratio to the cost of the original work contracted for under benefit competitive bidding.

*[Signature]*  
SIGNATURE RESIDENT ENGINEER

TO BE FILLED OUT BY DEPARTMENT INITIATING CHANGE ORDER

Miami-Dade Transit  
DEPARTMENT

MTBUS1CT0003  
MTBUS1PA3504  
FUNDS BUDGETED CODE

*[Signature]*  
MDT Finance CERTIFIED BY

ACCEPTED BY: *[Signature]*  
(COMPANY SEAL) Central Florida Equip. Rental

APPROVED *[Signature]* 9/24/04  
BUDGET DIRECTOR

(SURETY SEAL) *[Signature]*  
Charles J. Nielson, Attorney-in-Fact

DADE COUNTY, Florida  
By its BOARD OF COUNTY COMMISSIONERS

RECOMMENDED: *[Signature]* 9/1/04  
CHIEF, TRANSIT CONSTRUCTION

By: \_\_\_\_\_  
County Manager

APPROVED: *[Signature]* 9-17-04  
ASST. DIRECTOR, PLANNING & DEVELOPMENT

ATTEST:

APPROVED: *[Signature]*  
DEPARTMENTAL DIRECTOR

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

## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction  
CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCHANGE ORDER NO. 2 (FINAL)**BUSWAY PORTION****CHANGE NOTICE NO. 313 - Delete entirely 17 original bid items not used (listed on Pages 9 and 10 of this document)****BACKGROUND**

The original Bid Form includes Pay Items for work to be used at the direction of the Engineer. The R.E. reviewed the contract documents and determined that these items would not be used. As a result, MDC is due a reduction for the amounts not expended in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Included in this category to be deleted are seventeen (17) original bid items and these amounted to a total reduction of (\$149,302.65) as detailed under the "Measurement and Payment" paragraph beginning on Page 9 and ending on Page 10 of this document.

**SUMMARY OF NEGOTIATIONS**

During a meeting held on June 29, 2004, the R.E. and the contractor agreed that these pay items should be deleted from the contract, representing a reduction in the amount of (\$149,302.65) to the contract.

**CHANGE NOTICE NO. 314 - Decrease 46 original bid items to reflect the actual expended quantities (listed on Pages 11 through 14 of this document)****BACKGROUND**

The R.E. performed a detailed review for the following Pay Items, and determined that the actual quantities underran the original bid quantities. As a result, MDC is due a reduction in the Contract amount for the amounts not expended in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Included in this category are forty-six (46) original bid items that must be reduced to reflect the actual expended amounts as per the above articles of the General Conditions. These items resulted in a total reduction of (\$199,202.37) and are detailed under the "Measurement and Payment" paragraph beginning on Page 11 and ending on Page 14 of this document.

**SUMMARY OF NEGOTIATIONS**

A meeting was held on June 29, 2004, between the R.E. and CFER to resolve these items. Both parties agreed that the remaining quantities for these Pay Items will not be used in this project. Therefore, the R.E. and the contractor agreed that the remaining amounts shall be deducted representing a total reduction in the contract amount of (\$199,202.37).

## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction  
CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCHANGE ORDER NO. 2 (FINAL)

**CHANGE NOTICE NO. 315 - Increase 2 original bid items to reflect the actual expended quantities  
(listed on Page 15 of this document)**

**BACKGROUND**

The R.E performed a detailed review for the following Pay Items, and determined that the actual quantities overran the original bid quantities. As a result, the Contractor is due additional payment for the amounts earned in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Included in this category are two (2) original bid items that have to be increased to reflect the actual expended amounts as per the above articles of the General Conditions. This item resulted in a total increase of \$34,114.60 and is detailed under the "Measurement and Payment" paragraph on Page 15 of this document.

**SUMMARY OF NEGOTIATIONS**

A meeting was held on June 29, 2004, between the R.E. and CFER to resolve this item. Both parties agreed that the original bid price as listed in the bid sheets is a fair and equitable price. Therefore, the R.E. and the contractor agreed to a total increase to the contract in the amount of \$34,114.60.

The R.E. performed a Time Impact Analysis (TIA), in accordance with Paragraph I of Article 36, Changes, of the General Conditions and determined there was no time impact due to this change.

**CHANGE NOTICE NO. 41 - Provide additional preformed pile holes @ a revised negotiated rate**

**BACKGROUND:**

On February 11, 2003, the contractor, CFER, submitted request for information (RFI) No.59 citing Note # 7, on Plan Sheet B-4 (Busway Bridge) stating: "Preformed pile holes may be required and shall be used when necessary to avoid damaging the piles". The subcontractor Anzac stated: "based on technical data, Borings #1 and #2, indicated on Plan Sheet B-3, not pre-forming pile holes for the 18 inches pre-stressed concrete piles would result in refusal while driving well above the minimum tip elevation specified in the pile table". In their response dated February 17, 2003, the R.E. instructed CFER to use pre-formed pile holes for the twenty four (24) piles in the Busway bridge to avoid damaging the piles. On March 3, 2003, the design consultants concurred with the R.E.'s recommendations. This revision will result in the additional cost of pre-forming twenty-one (21) pile holes, since the original design included three (3) preformed pile holes.

**SUMMARY OF NEGOTIATIONS:**

A meeting was held on November 17, 2003, between the R.E. and CFER. In accordance with Paragraph B of Article 33, Increased or Decreased Quantities, of the General Conditions, the R.E. suggested a lower unit price for this line item. The contractor claimed that the actual costs to perform this work were higher than anticipated, so the cost of this line item should be higher than the originally bid price. A third meeting was

## CHANGE ORDER TO ORIGINAL CONTRACT

Page 4 of 21

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCONTRACTOR: Central Florida Equipment RentalCHANGE ORDER NO. 2 (FINAL)

held on June 14, 2004, and the R.E. offered \$2,900.00 per preformed hole for (21) preformed holes which was considered fair and equitable, and amounts to a total of \$60,900.00.

The R.E. performed a Time Impact Analysis (TIA), in accordance with Paragraph I of Article 36, Changes, of the General Conditions and determined there was no time impact due to this change.

**CHANGE NOTICE NO. 102 - Delete sealant and backer rods for saw cuts @ the bus shelters****BACKGROUND:**

As confirmed in the response to RFI # 167 - BW Saw Cut and Seal, the need for a sealer for the concrete saw cuts in the bus shelter sidewalks, as shown in sheet S-1 of the contract drawings, has been eliminated. As a result of this elimination and change to the Contract drawings, a reduction in the cost for the labor, material, and equipment was required. Furthermore, the contractor did not provide sealant and backer rods to saw cut joints around the perimeter of the decorative floor patterns at bus shelters, as specified in Detail 4 of sheet A-3.4 of the contract drawings. The engineer reviewed the elimination of the saw cut sealant and determined that this change will not adversely affect the performance of the slab.

**SUMMARY OF NEGOTIATIONS**

On a meeting held on July 15, 2004 the R.E. and the contractor agreed to a decrease of (\$4,280.05) to the contract amount for the deletion of the backer rods and sealant not used.

**CHANGE NOTICE NO. 103 - Delete pedestrian traffic signal heads****BACKGROUND:**

Miami Dade Public Work's Traffic Signal System & Operations Manager determined that the pedestrian features on the south side of the Busway intersection with SW 132 Avenue had many disadvantages. To include the pedestrian signal equipment at this intersection will cause extremely inefficient operation for the pedestrians and bicyclists causing excessive waits of up to 50 seconds on a two lane Busway with very little traffic, and an unnecessary stoppage of traffic for 11 seconds on the SWB of US-1 each time the pedestrian signal is activated. As a result, MDC PWD personnel recommended the deletion of these pedestrian signal heads.

**SUMMARY OF NEGOTIATIONS**

In a meeting held on July 15, 2004 the R.E. and the contractor agreed to a decrease in the contract amount of (\$1,050.00) for the pedestrian traffic signal head not provided at the south side of the Busway at SW 132 Avenue.

## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCONTRACTOR: Central Florida Equipment RentalCHANGE ORDER NO. 2 (FINAL)**CHANGE NOTICE NO. 139 – Backcharge the Contractor for testing services caused by his actions****BACKGROUND**

In accordance with Article 21 - Inspection, of the General Conditions, and with Section 01410 - Testing Laboratory Services, of the General Requirements, the testing laboratory expenses due to the contractor's negligence, like stand-by time generated by the contractor, failure and cancellation of tests shall be back charged to the Contractor as part of this Change Notice.

**SUMMARY OF NEGOTIATIONS**

On a meeting held on July 15, 2004 the R.E. and the contractor agreed to a decrease of (\$1,906.10) for the additional charges incurred by the testing lab due to technicians' stand-by time, cancelled, and failed tests.

**CHANGE NOTICE NO. 164 – Perform channel excavation at a revised negotiated rate****BACKGROUND**

The R.E. performed a detailed review of the volume computation for the channel excavation, Pay Item B2120-5, and determined that the actual volume excavated was 122 cubic meters and underran the original bid quantity. These 122 cubic meters represent only 9.6% of the original bid quantity. The original bid quantity, 1,272 cubic meters at the unit price of \$23.00 per cubic meter, was estimated by the Florida Department of Transportation (FDOT) design engineers. Paragraph B of Article 33, Increased or Decreased Quantities, states in part: "... The unit price to be re-negotiated shall be only for the quantity above 125% or below 75% of the original bid quantities ..." Thus, since this quantity of 122 cubic meters is below the 75% limit, then the unit price is subject to negotiation.

**SUMMARY OF NEGOTIATIONS**

A meeting was held on May 24, 2004, between the R.E., Anzac (the sub-contractor) and Central Florida Equipment Rental (CFER). CFER maintained that in accordance with the above-mentioned article 33, the unit price for this work is subject to negotiation. CFER pointed out that Anzac's mobilization, overhead and profit and all other relevant costs that were factored into his original bid price was predicated on doing the original quantity of channel excavation. Since the field conditions resulted in a reduced excavation quantity, the unit price should be revised accordingly so that Anzac does not suffer any financial hardship related to equipment and mobilization costs from doing only 9.6% of the original quantity. In his letter dated 2/23/04, CFER submitted a revised unit cost of \$30,087.74 to perform the work. The R.E. reviewed this proposal and disagreed with certain costs requested. Making the necessary corrections resulted in a revised negotiated rate of \$122.95 that resulted in a total amount of \$14,999.90 (122 cubic meters @ \$122.95 per cubic meter). The Contractor has been paid for 122 cubic meters at the original unit price of \$23.00 for a total of \$2,806.00 resulting in an amount of \$12,193.90 to be paid to the contractor. Both parties accepted this sum.

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## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCONTRACTOR: Central Florida Equipment RentalCHANGE ORDER NO. 2 (FINAL)

In addition, both parties agreed that the original bid item, B2120-5, Channel Excavation, shall be reduced in consideration for the amounts already paid resulting in a total reduction of (\$26,450.00). This reduction was taken under Change Notice #314 as detailed on Page 11 of this document.

The R.E. performed a Time Impact Analysis (TIA), in accordance with Paragraph I of Article 36, Changes, of the General Conditions and determined there was no time impact due to this change.

**US-1 PORTION****CHANGE NOTICE NO. 316 - Delete entirely original bid item U2650-51-513 not used (listed on Page 16 of this document)****BACKGROUND**

The original Bid Form includes Pay Items for work to be used at the direction of the Engineer. The R.E. reviewed the contract documents and determined that this item will not be used in this project. As a result, MDC is due a reduction for the amount not expended in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Thus, original bid item U2650-51-513 shall be deleted entirely and amounted to a total reduction of (\$2,450.00) and is detailed under the "Measurement and Payment" paragraph on Page 16 of this document.

**SUMMARY OF NEGOTIATIONS**

During a meeting held on June 29, 2004, the R.E. and the contractor agreed that this pay item should be deleted from the contract, representing a reduction in the amount of (\$2,450.00) to the contract.

MDC and FDOT shall revise their Joint Participation Agreement to include the reduction associated with this Change Notice.

**CHANGE NOTICE No. 317 – Decrease 32 original bid items to reflect the actual expended quantities (listed on Pages 16 through 18 of this document)****BACKGROUND**

The R.E performed a detailed review for the following Pay Items, and determined that the actual quantities underran the original bid quantities. As a result, MDC is due a reduction for the amounts not expended in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Included in this category are thirty-two (32) original bid items to the reduced to reflect the actual amount expended in accordance with the above mentioned articles of the General Conditions and amounted to a total reduction of (\$268,022.40). These items are detailed under the "Measurement and Payment" paragraph beginning on Page 16 and ending on Page 18 of this document.

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CHANGE ORDER NO. 2 (FINAL)

**SUMMARY OF NEGOTIATIONS**

A meeting was held on June 29, 2004, between the R.E. and CFER to resolve these items. Both parties agreed that the remaining quantities for these Pay Items will not be used in this project. Therefore, the R.E. and the contractor agreed that the remaining amounts shall be deducted from the contract amount representing a total reduction in the amount of (\$268,022.40).

MDC and FDOT shall revise their Joint Participation Agreement to include the credits associated with this Change Notice.

**CHANGE NOTICE No. 318 - Increase 10 original bid items to reflect the actual expended quantities (listed on Pages 19 and 20 of this document)**

**BACKGROUND**

The R.E performed a detailed review for the following Pay Items, and determined that the actual quantities overran the original bid quantities. As a result, the Contractor is due additional payment for the amounts earned in accordance with the provisions of Article 33, Increased or Decreased Quantities, and Article 36, Changes, of the Contract General Conditions.

Included in this category are ten (10) original bid items that have to be increased to reflect the actual quantities expended in accordance with the above mentioned articles of the General Conditions and amounted to a total increase of \$690,636.93. These items are detailed under the "Measurement and Payment" paragraph beginning on Page 19 and ending on Page 20 of this document.

**SUMMARY OF NEGOTIATIONS**

A meeting was held on June 29, 2004, between the R.E. and CFER to resolve this item. Both parties agreed that the original bid price listed in the bid sheets is a fair and equitable price. Therefore, the R.E. and the contractor agreed to a total increase to the contract in the amount of \$690,636.93.

The R.E. performed a Time Impact Analysis (TIA), in accordance with Paragraph I of Article 36, Changes, of the General Conditions and determined there was no time impact due to this change.

MDC and FDOT shall revise their Joint Participation Agreement to include the costs associated with this Change Notice.

**CHANGE NOTICE NO. 139A - Backcharge the Contractor for testing services caused by his actions**

**BACKGROUND**

In accordance with Article 21 - Inspection, of the General Conditions, and with Section 01410 - Testing Laboratory Services, of the General Requirements, the testing laboratory expenses due to the contractor's

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## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCONTRACTOR: Central Florida Equipment RentalCHANGE ORDER NO. 2 (FINAL)

negligence, like stand-by time generated by the contractor, failure and cancellation of tests shall be back charged to the Contractor as part of this Change Notice.

**SUMMARY OF NEGOTIATIONS**

On a meeting held on July 15, 2004 the R.E. and the contractor agreed to a decrease of (\$13,478.49) for the additional charges incurred by the testing lab due to technicians' stand-by time, cancelled, and failed tests.

**CHANGE NOTICE NO. 141 – Uncover US-1 sanitary sewer manholes that were paved over as requested by MDC****BACKGROUND**

On a meeting held on December 4, 2003 between the R.E. and the contractor, it was agreed that there were about twenty-one (21) sanitary sewer manholes that needed to be raised by the Miami-Dade Water and Sewer Department that were not raised during construction because they were not indicated in the contract drawings. Therefore, in order to avoid any time delays in the project, the contractor was authorized to cover the existing manholes and continue with his work as scheduled. It was also agreed that the contractor would hire a company to perform the work necessary for the uncovering of the buried manholes, so Miami-Dade Water and Sewer may be able to raise the manhole covers to the new elevations.

**SUMMARY OF NEGOTIATIONS**

On Thursday, June 24, 2004, the Contractor submitted a revised Change Order Request No. 60 for Sanitary Sewer Location of approximately 21 manholes, in the amount of \$12,177.11. The R.E. reviewed the contractor's proposal and found it to be fair and equitable.

**CHANGE NOTICE NO. 319 – Provide payment to the contractor for his additional bond for the additional change order work****BACKGROUND**

Paragraph I.4 of Article 36, Changes, of the contract General Conditions, states in part: "A bond cost of 1% may be added to establish the total amount of the Change Order, ..."

**SUMMARY OF NEGOTIATIONS**

The revised contract amount for actual work done amounted to \$18,056,787.82. The original contract value was specified as \$17,526,003.83. Thus, the difference of \$530,783.99 represented the amount of actual change order work performed by the contractor. As a result and in accordance with the above paragraph, the contractor is entitled to a payment of \$5,307.84 (1% of the total change order work) for his bond cost. Both parties agreed that this amount was acceptable.

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
 CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S  
 CHANGE ORDER NO. 2 (FINAL)

Measurement and payment shall be as follows:

**BUSWAY PORTION**

**CHANGE NOTICE NO. 313 - Delete entirely 17 original bid items not used**

Revise Page 5 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2104-10-1 C.N.163	HAY OR STRAW BALE	EA	1,132.00	0.00	(1,132.00)	\$10.00	(\$11,320.00)
B2104-15 C.N.151	SOIL TRAKING PREVENTION DEVICE	EA	1.00	0.00	(1.00)	\$5,000.00	(\$5,000.00)

Revise Page 6 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2710-11 C.N.152	REMOVE EXISTING MARKINGS (PAINT)	M2	1,022.00	0.00	(1,022.00)	\$21.53	(\$22,003.66)
B2360-1 C.N.277	CONCRETE APPROACH SLAB	EA	2.00	0.00	(2.00)	\$1,000.00	(\$2,000.00)
B2400-1-15 C.N.153	CONCRETE CLASS I (MISCELLANEOUS)	M3	105.00	0.00	(105.00)	\$425.00	(\$44,625.00)

Revise Page 7 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2400-5-16 C.N.154	CONCRETE HANDRAIL	MI	69.20	0.00	(69.20)	\$500.00	(\$34,600.00)
B2425-5 C.N.155	MANHOLE (ADJUST)	EA	30.00	0.00	(30.00)	\$350.00	(\$10,500.00)
B2425-6 C.N.156	VALVE BOXES ADJUST	EA	15.00	0.00	(15.00)	\$200.00	(\$3,000.00)

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CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CONTRACTOR: Central Florida Equipment Rental

CHANGE ORDER NO. 2 (FINAL)

Revise Page 8 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2455-18 C.N.158	PROTECTIVE CONCRETE SLABS (STD DETAIL GS 1.2 MDWSD)	LS	1.00	0.00	(1.00)	\$1,000.00	(\$1,000.00)
B2550-76-52 C.N.240	FENCE GATE (TYPE B) (DOUBLE) (5.3M OPENING)	EA	1.00	0.00	(1.00)	\$1,100.00	(\$1,100.00)
B2550-76-72 C.N.241	FENCE GATE (TYPE B) (DOUBLE) (7M OPENING)	EA	1.00	0.00	(1.00)	\$1,150.00	(\$1,150.00)

Revise Page 9 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2705-71 C.N.251	DELINEATOR TUBULAR (FLEXIBLE)	EA	2.00	0.00	(2.00)	\$45.00	(\$90.00)
B2711-5-1 C.N.267	TRAFFIC SKIP (0.6/1.2) WHITE	MI	7.00	0.00	(7.00)	\$1.00	(\$7.00)
B2710-27 C.N.293	TRAFFIC STRIPE SKIP (3.0/9.0) (WHITE 150MM)	MI	34.70	0.00	(34.70)	\$1.00	(\$34.70)

Revise Page 10 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
C.N.161	MISCELLANEOUS SIGNS	LS	1.00	0.00	(1.00)	\$10,000.00	(\$10,000.00)
B2715-2-132 C.N.259	CONDUIT (F&I UNDERGROUND) (RIGID GALV) (41 TO 63)	MI	162.00	0.00	(162.00)	\$17.73	(\$2,872.26)

Revise Page 12 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2455-17-2 C.N.297	PILE SPLICES (455MM)	EA	3.00	0.00	(3.00)	\$0.01	(\$0.03)

CHANGE NOTICE NO. 313 SUBTOTAL (\$149,302.65)

## CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1SCONTRACTOR: Central Florida Equipment RentalCHANGE ORDER NO. 2 (FINAL)**CHANGE NOTICE NO. 314 - Decrease 46 original bid items to reflect the actual expended quantities**

Revise Page 5 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2102-3 C.N.181	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	M3	200.00	61.00	(139.00)	\$30.00	(\$4,170.00)
B2102-60 C.N.271	WORK ZONE SIGNS	ED	15,564.00	12,682.00	(2,882.00)	\$0.30	(\$864.60)
B2102-99 C.N.163	SIGN VARIABLE MESSAGE (TEMPORARY)	ED	84.00	4.00	(80.00)	\$45.00	(\$3,600.00)
B2104-13-1 C.N.169	SILT FENCE STACKED (TYPE III)	MI	4,646.00	2,143.00	(2,503.00)	\$3.00	(\$7,509.00)
B2102-911-2 C.N.170	SOLID TRAFFIC STRIPE (150 WHITE) (REMOVABLE)	MI	4,374.00	2,180.90	(2,193.10)	\$7.38	(\$16,185.08)

Revise Page 6 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2102-911-3 C.N.175	SOLID TRAFFIC STRIPE (600 WHITE) (REMOVABLE)	M2	122.30	112.78	(9.52)	\$103.00	(\$980.56)
B2102-912-2 C.N.166	SOLID TRAFFIC STRIPE (150 YELLOW) (REMOVABLE)	MI	4,819.00	1,425.30	(3,393.70)	\$7.38	(\$25,045.51)
B2102-912-3 C.N.165	SOLID TRAFFIC STRIPE (450 YELLOW) (REMOVABLE)	M2	70.00	9.24	(60.76)	\$72.66	(\$4,414.82)
B2120-4 C.N.167	SUBSOIL EXCAVATION	M3	3,051.00	1,149.00	(1,902.00)	\$7.75	(\$14,740.50)
B2120-5 C.N.164	CHANNEL EXCAVATION	M3	1,272.00	122.00	(1,150.00)	\$23.00	(\$26,450.00)
B2125-1 C.N.153	EXCAVATION FOR STRUCTURES	M3	8,615.00	240.83	(8,374.17)	\$3.00	(\$25,122.51)
B2285-709 C.N.272	BASE OPTIONAL (BASE GROUP M9)	M2	36,396.00	35,279.50	(1,116.50)	\$9.05	(\$10,104.33)

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
 CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CHANGE ORDER NO. 2 (FINAL)

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2331-2 C.N. 274	TYPE 'S' ASPHALTIC CONCRETE (ROADWAY)	MT	8,910.90	8,860.59	(50.31)	\$47.50	(\$2,389.72)
B2339-1 C.N.276	ASPHALT PAVEMENT MISCELLANEOUS	MT	51.70	40.00	(11.70)	\$100.00	(\$1,170.00)

Revise Page 7 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2415-1-1 C.N.32	RENFORCING STEEL (RDWY CONC PAVT RENFOR)	KG	7,171.50	6,971.50	(200.00)	\$1.10	(\$220.00)
B2430-171-29 C.N.36	PIPE CULVERT OPTIONAL MAT'L (SS 600MM)	MI	404.30	199.20	(205.10)	\$150.00	(\$30,765.00)
B2430-171-33 C.N.174	PIPE CULVERT OPTIONAL MAT'L (SS 750MM)	MI	3.50	3.20	(0.30)	\$190.00	(\$57.00)
B2430-141-002 C.N.178	PIPE CULVERT ELLIPTICAL OPTIONAL MT'L (SS 365X575MM)	MI	10.70	10.60	(0.10)	\$245.00	(\$24.50)
B2430-141-005 C.N.173	PIPE CULVERT ELLIPTICAL OPTIONAL MT'L (SS 730X1150MM)	MI	11.33	10.00	(1.33)	\$260.00	(\$345.80)

Revise Page 8 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2520-5-41 C.N.172	TRAFFIC SEPARATOR CONC. TYPE IV (1.2M)	MI	13.00	11.30	(1.70)	\$76.00	(\$129.20)
B2521-1 C.N.281	BARRIER WALL CONCRETE (INDEX 410. PI)	MI	115.00	103.30	(11.70)	\$250.00	(\$2,925.00)
B2522-1 C.N.237	SIDEWALK CONCRETE (100MM)	M2	1,250.00	1,172.90	(77.10)	\$27.75	(\$2,139.40)
B2550-6-1 C.N.239	FENCE END POST ASS (TYPE B)	EA	22.00	18.00	(4.00)	\$100.00	(\$400.00)
B2570-4 C.N.243	MULCH MATERIAL	MT	59.10	16.12	(42.98)	\$198.00	(\$8,510.00)

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CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CONTRACTOR: Central Florida Equipment Rental

CHANGE ORDER NO. 2 (FINAL)

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2570-9 C.N.245	WATER FOR GRASSING	KL	2,490.00	2,331.00	(159.00)	\$5.35	(\$850.65)

Revise Page 9 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2580-336 C.N.247	PRUNING AND TRIMMING (EXISTING TREE)	EA	4.00	3.00	(1.00)	\$500.00	(\$500.00)
B2705-10-11 C.N.250	MARKER OBJECT (POST MOUNT) (TYPE I) (END ROAD)	EA	16.00	15.00	(1.00)	\$115.00	(\$115.00)
B2710-6 C.N.252	DIRECTIONAL ARROW (PAINTED)	EA	33.00	32.00	(1.00)	\$55.00	(\$55.00)
B2710-6A C.N.253	BIKE DIRECTIONAL ARROW (PAINTED)	EA	32.00	26.00	(6.00)	\$35.00	(\$210.00)
B2710-23-61 C.N.255	TRAFFIC STRIPE SOLID (WHITE) (150MM)	NK	10.55	10.25	(0.30)	\$821.00	(\$247.12)
B2710-24-61 C.N.291	TRAFFIC STRIPE SOLID (YELLOW) (150MM)	NK	9.91	9.71	(0.20)	\$821.00	(\$165.69)
B2710-25-121 C.N.256	TRAFFIC STRIPE SOLID (WHITE 300MM)	MI	410.00	283.00	(127.00)	\$3.30	(\$419.10)
B2710-25-241 C.N.257	TRAFFIC STRIPE SOLID (WHITE 600MM)	MI	492.30	366.66	(125.64)	\$4.95	(\$621.92)
B2710-26-81 C.N.258	TRAFFIC STRIPE SOLID (YELLOW 200MM)	MI	11.00	9.00	(2.00)	\$2.85	(\$5.70)
B2711-5-2 C.N.292	TRAFFIC SKIP (0.6/1.2) YELLOW	MI	53.00	38.00	(15.00)	\$1.00	(\$15.00)
B2710-30 C.N.294	REFLECTIVE PAINT (ISLAND NOSE) (YELLOW)	M2	15.00	1.00	(14.00)	\$10.00	(\$140.00)

Revise Page 10 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2715-111-104 C.N.179	CONDUCTOR (F&I) (INSULATED) (NO.6)	MI	3,966.40	3,966.00	(0.40)	\$2.25	(\$0.90)
B2620-1 C.N.180	GROUNDING (FURNISH & INSTALL) (SIGNALIZATION)	MI	624.00	620.80	(3.20)	\$18.43	(\$58.98)

MIAMI-DADE COUNTY

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
 CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01-BWX-1S

CHANGE ORDER NO. 2 (FINAL)

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2635-1-11 C.N.264	PULL & JUNCTION BOXES (F&I) (PULL BOX)	EA	132.00	129.00	(3.00)	\$318.00	(\$954.00)
B2635-1-15 C.N.265	PULL & JUNCTION BOXES (F&I) (FIBER OPTICS)	EA	26.00	20.00	(6.00)	\$749.00	(\$4,494.00)

Revise Page 11 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2639-3-11 C.N.268	ELECTRICAL SERVICE DISCONNECT	EA	5.00	4.00	(1.00)	\$533.00	(\$533.00)
B2660-2-101 C.N.270	LOOP ASSEMBLY (F&I) (TYPE A)	EA	11.00	10.00	(1.00)	\$633.00	(\$633.00)

Revise Page 12 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2400-7 C.N.177	BRIDGE FLOOR GROOVING	M2	394.00	390.00	(4.00)	\$8.00	(\$32.00)
B2521-5-1 C.N.300	TRAFFIC RAILING (BARRIER A)	MI	60.00	59.65	(0.35)	\$200.00	(\$70.00)
B2455-140-12 C.N.176	TEST PILES FURNISHED (455MM SQ)	EA	17.00	16.40	(0.60)	\$700.00	(\$420.00)

Revise Page 13 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	ORIGINAL UNIT PRICE	REVISED UNIT PRICE	CHANGE AMOUNT
10101.01	ALLOWANCE ACCOUNT FOR UNFORESEEN CHANGES	\$361,500.00	\$361,101.32	(\$398.68)

CHANGE NOTICE NO. 314 SUBTOTAL (\$199,202.37)

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MIAMI-DADE COUNTY

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CONTRACTOR: Central Florida Equipment Rental

CHANGE ORDER NO. 2 (FINAL)

**CHANGE NOTICE NO. 315 - Increase 2 original bid items to reflect the actual expended quantities**

Revise Page 5 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
B2102-4 C.N.72	MOWING	HA	2.20	56.89	54.69	\$600.00	\$32,814.60

Revise Page 8 of 26 of the Original Bid Form as follows:

B2430-171-25 C.N.323	FRENCH DRAIN (SS 450MM)	M1	475.00	480.00	5.00	\$260.00	\$1,300.00
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**CHANGE NOTICE NO. 315 SUBTOTAL \$34,114.60**

Add the following new pay items to Page 13 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	QUANTITY	UNIT	CHANGE AMOUNT
C.O. # 2 C.N. # 41	PROVIDE ADDITIONAL PREFORMED PILE HOLES	1	L.S.	\$60,900.00
C.O. # 2 C.N. # 102	DELETE SEALANT AND BACKER RODS FOR SAWCUTS @ THE BUS SHELTERS	1	L.S.	(\$4,280.05)
C.O. # 2 C.N. # 103	DELETE PEDESTRIAN TRAFFIC SIGNAL HEADS	1	L.S.	(\$1,050.00)
C.O. # 2 C.N. # 139	BACKCHARGE FOR TESTING SERVICES	1	L.S.	(\$1,906.10)
C.O. # 2 C.N. # 164	PERFORM CHANNEL EXCAVATION AT A REVISED NEGOTIATED PRICE	1	L.S.	\$12,193.90

**SUBTOTAL \$65,857.75**

**TOTAL FOR BUSWAY PORTION (\$248,532.67)**

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CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction SUPPLEMENT CONTRACT NO. TA01- BWX-1S  
 CONTRACTOR: Central Florida Equipment Rental CHANGE ORDER NO. 2 (FINAL)

**US-1 PORTION**

**CHANGE NOTICE NO. 316 - Delete entirely original bid item U2650-51-513 not used**

Revise Page 19 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2650-51-513 C.N.304	SIGNAL TRAFFIC (F&I) SPECIAL (5 SECTION) (1 DIRECTION)	AS	1.00	0.00	(1.00)	\$2,450.00	(\$2,450.00)

CHANGE NOTICE NO. 316 SUBTOTAL (\$2,450.00)

**CHANGE NOTICE NO. 317 – Decrease 32 original bid items to reflect the actual expended quantities**

Revise Page 15 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2102-10 CO #2 CN 43	OFF-DUTY LAW ENFORCEMENT OFFICER	HR	2,385.50	2,014.50	(371.00)	\$45.00	(\$16,695.00)
U2104-4 C.N.196	MOWING	HA	30.00	24.65	(5.35)	\$600.00	(\$3,208.80)
U2104-11-1 C.N.197	TURBIDITY BARRIER FLOATING (SPECIAL)	MI	40.00	20.00	(20.00)	\$55.00	(\$1,100.00)
U2104-16 C.N.198	ROCK BAGS	EA	4,640.00	4,101.00	(539.00)	\$11.00	(\$5,929.00)
U2110-4 CO #2 CN 57	PAVEMENT REMOVAL OF EXISTING CONCRETE	M2	4,433.30	4,222.53	(210.77)	\$15.00	(\$3,161.53)
U2175-1 C.N.193	RESEAT CONCRETE PAVEMENT	M2	32,292.00	30,074.62	(2,217.38)	\$1.50	(\$3,326.07)
U2285-713 CO #2 CN 42	BASE OPTIONAL (BASE GROUP M13)	M2	8,595.25	7,068.16	(1,527.09)	\$38.00	(\$58,029.42)
U2300-1-19 C.N.201	BITUMINOUS MATL. (ASPHALT RUBBER BINDER-INTERLAYER)	LI	116,251.00	84,781.89	(31,469.11)	\$0.50	(\$15,734.56)

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CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CONTRACTOR: Central Florida Equipment Rental

CHANGE ORDER NO. 2 (FINAL)

Revise Page 16 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2341-70 C.N.205	ASPHALT RUBBER MEMBRANE INTERLAYER	M2	32,292.00	29,800.37	(2,491.63)	\$1.00	(\$2,491.63)
U2400-1-11 C.N.206	CONCRETE CLASS I (RETAINING WALLS)	M3	296.22	125.94	(170.28)	\$475.00	(\$80,883.00)
U2400-2-15 C.N.208	CONCRETE CLASS II (MISCELLANEOUS)	M3	98.00	94.07	(3.93)	\$640.00	(\$2,515.20)

Revise Page 17 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2430-171-25 C.N.320	PIPE STORM SEWER CULV (OPTIONAL MATERIAL) (450MM)	MI	1,068.00	1,065.60	(2.40)	\$132.00	(\$316.80)
U2443-70-4 C.N.209	FRENCH DRAINS (600MM)	MI	2,455.00	2,404.60	(50.40)	\$305.00	(\$15,372.00)
U2520-1-2 C.N.211	CURB GUTTER CONCRETE (TYPE F)	MI	7,647.00	7,370.63	(276.37)	\$37.00	(\$10,225.76)
U2520-2-3 CO #1 CN 60	CURB GUTTER CONCRETE (TYPE D)	M1	2,590.00	2,555.88	(34.12)	\$32.00	(\$1,091.84)
U2522-1 C.N.212	SIDEWALK CONCRETE (100MM)	M2	15,050.00	14,882.00	(168.00)	\$27.75	(\$4,662.11)
U2536-1-7 C.N.138	GUARDRAIL REMOVAL	MI	388.62	342.00	(46.62)	\$7.50	(\$349.65)
U2710-5-2 C.N.214	GUIDE LINES (DOTTED) (PAINT)	MI	780.00	653.00	(127.00)	\$1.00	(\$127.00)
U2710-21 C.N.217	TRAFFIC STRIPE SKIP (WHITE/BLACK/BLUE)	GK	36.83	18.38	(18.46)	\$820.00	(\$15,133.10)

Revise Page 18 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2710-26-81 C.N.221	TRAFFIC STRIPE SOLID (YELLOW 200MM)	MI	173.00	169.00	(4.00)	\$2.85	(\$11.40)
U2710-26-181 C.N.222	TRAFFIC STRIPE SOLID (YELLOW 450MM)	MI	70.00	40.50	(29.50)	\$4.10	(\$120.95)

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MIAMI-DADE COUNTY

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
 CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CHANGE ORDER NO. 2 (FINAL)

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2710-30 C.N.223	REFLECTIVE PAINT (ISLAND NOSE) (YELLOW)	M2	58.50	38.50	(20.00)	\$10.80	(\$216.00)
U2700-40-1 C.N.224	SIGN SINGLE POST (<1.25)	AS	62.00	61.00	(1.00)	\$185.00	(\$185.00)
U2715-2-111 C.N.228	CONDUIT (F&I UNDERGROUND) (PVC SCH 40) (<41)	MI	154.00	17.00	(137.00)	\$13.92	(\$1,907.04)

Revise Page 19 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2620-1 C.N.36	GROUNDING (FURNISH & INSTALL)(Signalization)	MI	811.00	810.00	(1.00)	\$18.43	(\$18.43)
U2630-1-13 C.N.302	CONDUIT (FURNISH & INSTALL) (UNDERPAVEMENT)	MI	1,781.00	1,767.96	(13.04)	\$48.43	(\$631.53)
U2635-1-11 C.N.320	PULL & JUNCTION BOXES (F&I) (PULL BOX)	EA	87.00	76.00	(11.00)	\$328.00	(\$3,608.00)
U2635-1-15 C.N.303	PULL & JUNCTION BOXES (F&I) (FIBER OPTICS)	EA	3.00	2.00	(1.00)	\$814.00	(\$814.00)
U2650-51-311 C.N.231	SIGNAL TRAFFIC (F&I) STD (3 SECTION) (1 DIRECTION)	AS	19.00	18.00	(1.00)	\$494.00	(\$494.00)

Revise Page 20 of 26 of the Original Bid Form as follows:

U2580-326-3 C.N.235	MULCH & BARK (SHREADED CYPRESS BARK)	M2	146.00	99.06	(46.94)	\$3.22	(\$151.16)
U2583-7 C.N.236	TREE (114 OR > LITER CONTAINER)	EA	222.00	165.00	(57.00)	\$168.00	(\$9,576.00)
PAY ITEM	DESCRIPTION		ORIGINAL LUMP SUM	REVISED LUMP SUM	CHANGE AMOUNT		
1010.01 C.N.279	ALLOWANCE ACCOUNT FOR UNFORESEEN CHANGES		\$415,800.00	\$405,863.58	(\$9,936.42)		

CHANGE NOTICE NO. 317 SUBTOTAL (\$268,022.40)

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MIAMI-DADE COUNTY

CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction  
 CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CHANGE ORDER NO. 2 (FINAL)

**CHANGE NOTICE NO. 318 – Increase 10 original bid items to reflect the actual expended quantities**

Revise Page 15 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2102-70-11 C.N.194	BARRIER WALL (TEMP) (F&I) (STANDARD) (CONCRETE)	MI	473.00	1,335.82	862.82	\$65.00	\$56,083.30
U2102-70-21 C.N.95	BARRIER WALL (TEMP) (REL) (STANDARD) (CONCRETE)	MI	3,931.00	8,393.92	4,462.92	\$10.00	\$44,629.20
U2102-74-1 C.N.78	BARRICADE (TEMPORARY) (TYPES I, II, VP & DRUM)	ED	184,060.00	365,331.00	181,271.00	\$0.26	\$47,130.46
U2102-89 C.N.99	IMPACT ATTEN. VEHIC. (TEMP) (QUADGUARD)	LO	4.00	25.00	21.00	\$1,400.00	\$29,400.00

Revise Page 16 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2334-1-14 C.N.202	SUPERPAVE ASPHALTIC CONC. (TRAFFIC D)	MT	24,841.00	32,190.16	7,349.16	\$57.50	\$422,576.59
U2400-1-15 C.N.207	CONCRETE CLASS I (MISCELLANEOUS)	M3	150.00	275.85	125.85	\$420.00	\$52,858.26

Revise Page 17 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2515-1-1 C.N.210	PIPE HANDRAIL (STEEL)	MI	3,728.53	3,732.31	3.78	\$400.00	\$1,512.00
U2710-11 C0 #1 CN 149	MARKING PAINT REMOVE	M2	437.53	683.10	245.57	\$21.53	\$5,287.12
U2710-24-61 C.N.321	TRAFFIC STRIPE SOLID (YELLOW) (150MM)	NK	28.40	56.80	28.40	\$820.00	\$23,288.00

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MIAMI-DADE COUNTY

CHANGE ORDER TO ORIGINAL CONTRACT

Page 20 of 21

PROJECT TITLE: Busway Extension to Florida  
City & US-1 Reconstruction  
CONTRACTOR: Central Florida Equipment Rental

SUPPLEMENT

CONTRACT NO. TA01- BWX-1S

CHANGE ORDER NO. 2 (FINAL)

Revise Page 18 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REVISED QUANTITY	CHANGE QUANTITY	UNIT PRICE	CHANGE AMOUNT
U2715-14-12 CO #1 CN 150	PULL BOX (F&I) (SIDEWALK)	EA	93	117	24	\$328.00	\$7,872.00

CHANGE NOTICE NO. 318 SUBTOTAL \$690,636.93

Add the following new pay item to Page 20 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	QUANTITY	UNIT	CHANGE AMOUNT
C.O. #2 C.N. # 139A	BACKCHARGE FOR TESTING SERVICES	1	L.S.	(\$13,478.49)
C.O. #2 C.N. # 141	UNCOVER US-1 SANITARY SEWER MANHOLES PAVED OVER	1	L.S.	\$12,177.11
SUBTOTAL				(\$1,301.38)

TOTAL FOR US-1 PORTION \$418,863.15

Add the following new pay item to Page 20 of 26 of the Original Bid Form as follows:

PAY ITEM	DESCRIPTION	QUANTITY	UNIT	CHANGE AMOUNT
C.O. #2 C.N. #319	PROVIDE PAYMENT TO THE CONTRACTOR FOR THE ADDITIONAL BOND COST OF CHANGE ORDER WORK	1	L.S.	\$5,307.84
SUBTOTAL				\$5,307.84

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CHANGE ORDER TO ORIGINAL CONTRACT

PROJECT TITLE: Busway Extension to Florida City & US-1 Reconstruction SUPPLEMENT CONTRACT NO. TA01- BWX-1S  
 CONTRACTOR: Central Florida Equipment Rental CHANGE ORDER NO. 2 (FINAL)

In summary, the cumulative total of this Change Order was calculated as follows:

**BUSWAY PORTION**

1) C.N. #313 – Delete entirely 17 original bid items not provided	(\$149,302.65)
2) C.N. #314 – Decrease 46 original bid items to reflect actual expended quantities	(\$199,202.37)
3) C.N. #315 – Increase 2 original bid items to reflect actual expended quantities	\$34,114.60
4) Various new bid items – C.N. # 41; # 102; #103; #139; and # 164	<u>\$65,857.75</u>
<b>Subtotal</b>	<b><u>(\$248,532.67)</u></b>

**US-1 PORTION**

1) C.N. #316 – Delete entirely bid item U2650-51-513	(\$2,450.00)
2) C.N. #317 – Decrease 32 original bid items to reflect actual expended quantities	(\$268,022.40)
3) C.N. #318 – Increase 10 original bid items to reflect actual expended quantities	\$690,636.93
4) New bid items – C.N. # 139A and #141	<u>(\$1,301.38)</u>
<b>Subtotal</b>	<b><u>\$418,863.15</u></b>

New bid item – C.N. #319	<b>Subtotal</b>	<b>\$5,307.84</b>
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	<b>Grand Total</b>	<b><u>\$175,638.32</u></b>
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The terms and conditions of this change order and receipt by the contractor of the sum stipulated in this change order shall constitute a full accord and satisfaction by the contractor for all direct and indirect costs and time of performance related to the services and materials described and/or referenced herein, and for any claims the contractor has or may discover it had for acts or omissions of the County or the County’s agents preceding the date the contractor executes this change order.

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TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA  
TRAVELERS CASUALTY AND SURETY COMPANY  
FARMINGTON CASUALTY COMPANY  
Hartford, Connecticut 06183-9062

**POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT**

KNOW ALL PERSONS BY THESE PRESENTS, THAT TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, corporations duly organized under the laws of the State of Connecticut, and having their principal offices in the City of Hartford, County of Hartford, State of Connecticut, (hereinafter the "Companies") hath made, constituted and appointed, and do by these presents make, constitute and appoint: *Charles D. Nielson, Charles J. Nielson, Laura Lee Clymer, Mary C. Aceves, Warren M. Alter, of Miami Lakes, Florida*, their true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, the following instrument(s): by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking and any and all consents incident thereto, and any and all consents required by the Department of Transportation, State of Florida, incident to the release of retained percentages and/or final estimates; and to bind the Companies, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of the Companies, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Companies, which Resolutions are now in full force and effect:

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her.

VOTED: That the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority.

**This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Boards of Directors of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, which Resolution is now in full force and effect:**

VOTED: That the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY have caused this instrument to be signed by their Senior Vice President, and their corporate seals to be hereto affixed this 11th day of October, 2000.

STATE OF CONNECTICUT

}SS. Hartford

COUNTY OF HARTFORD

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA  
TRAVELERS CASUALTY AND SURETY COMPANY  
FARMINGTON CASUALTY COMPANY



By *George W. Thompson*  
George W. Thompson  
Senior Vice President

On this 11th day of October, 2000 before me personally came GEORGE W. THOMPSON to me known, who, being by me duly sworn, did depose and say: that he/she is Senior Vice President of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, the corporations described in and which executed the above instrument; that he/she knows the seals of said corporations; that the seals affixed to the said instrument are such corporate seals; and that he/she executed the said instrument on behalf of the corporations by authority of his/her office under the Standing Resolutions thereof.



*Marie C Tetreault*  
My commission expires June 30, 2001 Notary Public  
Marie C. Tetreault

CERTIFICATE

I, the undersigned, Assistant Secretary of TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA, TRAVELERS CASUALTY AND SURETY COMPANY and FARMINGTON CASUALTY COMPANY, stock corporations of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Boards of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this 14th day of September, 2004.



By *Kori M. Johanson*  
Kori M. Johanson  
Assistant Secretary, Bond