



Interoffice Memorandum

June 4, 2015

APPROVED
BY ORANGE COUNTY BOARD
OF COUNTY COMMISSIONERS

JUN 16 2015 NP/BS

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM: Mark V. Massaro, P.E., Director, Public Works Department

CONTACT PERSON: Julie R. Naditz, P.E., Manager
Highway Construction Division

PHONE NUMBER: (407) 836-7930

SUBJ: **Ratification of Change Order 15-PW to Contract No. Y14-713
Wetherbee Road (Balcombe to Orange Avenue) Improvements**

Change Order 15-PW to Contract No. Y14-713 is required for the Wetherbee Road Roadway Improvements (from Balcombe Road to Orange Avenue) project. This change order, in the amount of \$463,905.20, combined with previous change orders, increases the original contract amount from \$8,528,334.30 to \$9,127,762.40, an increase of \$599,428.10 (7%).

This project consists of construction of two lanes and a bridge for eastbound traffic. The existing two lanes and bridge, which currently serve two-way traffic, was to be milled and resurfaced with 1.5" of asphalt to serve westbound traffic. However, cores recently taken revealed areas of failing base material along the existing roadway. This change order provides for milling and replacing 4.5" of asphalt on the existing roadway for the length of the project to compensate for the base deficiencies. Funds for this Change Order will be available in accounting lines 1004-072-2990-3816 and 1023-072-5111-6311.

With concurrence of the Procurement Division, the Contractor was given emergency authorization to proceed with this work. Postponing this work until the Change Order was approved would have interfered with the orderly progress of the project and could have resulted in adverse economic impacts to Orange County.

A summary of previous change orders is provided below.

Change Order 1-PW in the amount of \$7,611.56 was approved in May 2014 and provided for a temporary signal at the intersection of Wetherbee Road and Bohannon Boulevard.

Change Order 2-OCU in the amount of \$23,083.60 was approved in June 2014 and provided for upgrades to Pump Station #3630.

Change Order 3-PW in the amount of \$28,327.56 was approved in July 2014 and provided for upgraded signalization cabinets as well as cleaning and painting of the existing bridge to match the new bridge.

Change Order 4-PW in the amount of \$6,902.06 was approved in August 2014 and provided for power feed adjustments to the signalization at the intersection of Wetherbee Road and Bisted Drive.

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TO: Mayor Teresa Jacobs

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SUBJ: **Ratification of Change Order 15-PW to Contract No. Y14-713 Wetherbee Road (Balcombe to Orange Avenue) Improvements**

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Change Order 5-OCU in the amount of \$7,466.05 was approved in September 2014 and provided for replacement of an existing ductile iron fitting in the pump station to stainless steel to match the new fittings.

Change Order 6-PW was approved in October 2014 and provided time adjustments for weather and holidays.

Change Order 7-PW in the amount of \$3,736.04 was approved in October 2014 and provided for additional signal heads at the intersection of Wetherbee Road and Bisted Drive.

Change Order 8-PW for a deduct of \$19,825.33 was approved in December 2014 and provided for a value engineering cost proposal for an alternate method of shoring resulting in cost savings for the County.

Change Order 9-PW in the amount of \$27,711.37 was approved in January 2015 and provided for signalization upgrades at the intersection of Wetherbee Road and Bisted Drive.

Change Order 10-PW in the amount of \$6,881.44 was approved in February 2015 and provided for two additional light poles on the eastbound bridge deck.

Change Order 11-PW in the amount of \$4,208.63 was approved in February 2015 and provided for removal of trees within the temporary construction easement which had root systems in conflict with construction.

Change Order 12-PW in the amount of \$12,296.34 was approved in March 2015 and provided for coping between the bridges to prevent erosion.

Change Order 13-PW in the amount of \$7,579 was approved in April 2015 and provided for sidewalk curbing to address slope transitions.

Change Order 14-PW in the amount of \$19,544.58 was approved in May 2015 and provided for relocation of existing pedestrian signals to match the new roadway configuration.

Action Requested: Ratification of Change Order 15-PW to Contract No. Y14-713 Wetherbee Road (Balcombe to Orange Avenue) Improvements to The Middlesex Corporation in the amount of \$463,905.20 for a revised total contract amount of \$9,127,762.40. District 4.

MVM/JRN/slk

Attachment



APPROVED
 BY ORANGE COUNTY BOARD
 OF COUNTY COMMISSIONERS
JUN 16 2015 NP/BS

J. Curi: _____
 R. Ng: RAJ 5/22/15
 M. Wehrfritz: _____
 A. Hargis: AH

ORANGE COUNTY HIGHWAY CONSTRUCTION
 CHANGE ORDER REQUEST
 PURCHASE ORDER / RELEASE ORDER / CONTRACT

Vendor Name: The Middlesex Corporation
 Vendor Code: 46110 Date: May 21, 2015
 Change Order Request No.: 15-PW Document No.: Y14-713 / C14713

Project: Wetherbee Road (Balcombe to Orange Ave) Improvements (County Use Only)
 Funds Chargeable Number: 1023-072-511-6311 of 5/21/15 (County Use Only)
1004-072-2990-3816

The following describe the requested changes to the above listed document number/project:

DESCRIPTION OF CHANGE:

REF. NO.		FINAL QUANTITY (+/-)	UNIT	UNIT PRICE	FINAL AMOUNT (+/-)
10	Superpave Asphaltic Concrete SP 12.5 3"	27,985.00	SY	\$ 12.90	\$ 361,006.50
* 127-PW	Credit for Milling 1.5" Depth	27,985.00	SY	\$ (1.30)	\$ (36,380.50)
* 128-PW	Milling 4.5" Depth	27,985.00	SY	\$ 4.945478	\$ 138,399.20
* 129-PW	OC Inspector Overtime Cost	20.00	HR	\$ 44.00	\$ 880.00
	* indicates new item				
	TOTAL				\$ 463,905.20

The original construction plans called for 1.5" of milling and asphalt resurfacing of the existing 2 lanes of Wetherbee Road. Cores of the roadway revealed areas where the base was failing. To extend the functional life of this section of the roadway, the EOR has approved milling 4.5" and replacing 4.5" of asphalt on the mainline with 1.5" mill and resurface on the side streets from Sta. 3+00 to Sta. 85.50.

NOTE: Prices include materials, equipment, labor and all incidentals necessary to complete the work.

CHANGE IN DELIVERY COMPLETION DATE: 12 days Add'l work: 10 days Weather: 1 day 4/28/15 Holiday: 1 day 5/25/15
 SUBSTANTIAL COMPLETE DATE: 10/27/2015
 FINAL COMPLETION DATE: 12/1/2015

THIS SECTION FOR CONTRACTS ONLY

Previous Contract Total Dollars 8,663,857.20
 Net Dollars for this Change 463,905.20
 New Contract Total Dollar 9,127,762.40

This change order request includes not only all direct costs of Contractor such as labor, material, job overhead, and profit markup but also includes any costs for modifications or changes in sequence of work to be performed, delays, rescheduling, disruptions, extended direct overhead or general overhead, acceleration, material or other escalation which includes wages, and other impact costs.

The contractor understands that this is a "Change Order Request" only and that no contract changes have been implemented at this time. The contractor also understands that the above requested changes are subject to the approval of the Purchasing and Contracts Division Manager or designee and subsequent processing of a "Change Order".

ACCEPTED FOR CONTRACTOR BY:

Vendor/Contractor Authorization: [Signature] Date: _____
 Alfred S. Aponas, President Southeast, The Middlesex Corporation
 Departmental Approval: [Signature] Date: 5/28/15
 Julie R. Naditz, P.E., Manager, Highway Construction Division
 Engineering Approval: [Signature] Date: 5-28-15
 Robin Hammel, P.E., Manager, Public Works Engineering Division
 Fiscal Approval: [Signature] Date: 5.28.15
 Claire Muselli-Handshy, Financial Advisor, Public Works Department
 Purchasing Approval: _____ Date: _____
 Carol Hewitt, Sr. Contract Administrator, Purchasing and Contracts Division