

October 12, 2018

Isaac Kovner, P.E. City of Delray Beach 434 South Swinton Ave. Delray Beach, FL 33444

> City of Delray Beach NE 2nd Avenue/Seacrest Beautification – Phase 2 Change Order 001

Dear Mr. Kovner,

The above referenced Change Order 001 is for the additional costs and time impacts to extend the proposed Add Alternate 2 ARMI Layer to the areas not included as part of the Bid Contract Scope from Sta. 53+49.80 to the South Limits at Sta. 52+10.00 and from Sta. 76+11.3 to the North Limits at Sta. 78+35.9. As part of this Change Order Package we have enclosed a drawing identifying the additional locations, and we have included a letter from the Design Engineer of Record Wantman Group, stating that they do not object to this change in Contract Work Scope. The total costs for this additional Quantity of ARMI Layer will result in an increase to the Contract in the amount of \$107,565.00.

Change Order 001 also includes a significant quantity overrun projection for Pay Item #14 Pavement Removal. Our current total projection for this quantity is 2,601.20 square yards. The Bid Quantity Amount for this item is only 1,300 square yards. This results in a quantity overrun of 1,301.20 SY. The total cost of this Quantity Overrun will result in an increase to the Contract in the amount of \$38,125.16.

The Net Increase of Costs to the the Contract for this Change Order is \$145,690.16. The final costs for this work will be field measured quantities applied to the associated pay items. The Contractor has also included a Cost Credit to the City for adding the additional ARMI quantity. This Cost Credit will be applied through a Deductive Change Order during the Final Reconciliation Closeout Process. We have included a Cost Summary of the associated pay items related to these items on our enclosed Cost Summary Document (see attached). The Time Impacts for this Change Order is five (5) Calendar Days, which is included on the Change Order Summary.

If you have any questions on the enclosed, please give us a call.

Sincerely,

MATHEWS CONSULTING,

A BAXTER & WOODMAN COMPANY

Aaron Cutler

Vice President/Construction Department Manager

Enclosure

CITY OF DELRAY BEACH CHANGE ORDER TO ORIGINAL CONTRACT

CHANGE ORDER NO. 1

PROJECT NO. 16-032

DATE:

September 4, 2018

PROJECT TITLE:

NE 2nd Ave. Seacrest Beautification Phase 2

TO CONTRACTOR:

Man Con, Inc.

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.

JUSTIFICATION:

<u>Change Order No. 1</u>: in an amount not to exceed amount of \$145,690.16 with five additional calendar days is requested for the following reasoning:

The above referenced Change Order No. 1 is for the additional costs and time impacts to extend the proposed Add Alternate 2 ARMI Layer to the areas not included as part of the Bid Contract Scope. As part of this Change Order Package we have enclosed a drawing identifying the additional locations, and we have included a letter from the Design Engineer of Record Wantman Group, stating that they do not object to this change in Contract Work Scope. The total costs for this additional Quantity of ARMI Layer will result in an increase to the Contract in the amount of \$107,565.00.

This Change Order also includes a quantity overrun projection for Pay Item #14 Pavement Removal. Our current total projection for this quantity is 2,601.20 square yards. The Bid Quantity Amount for this item is only 1,300 square yards. This results in a quantity overrun of 1,301.20 square yards. The total cost of this Quantity Overrun will result in an increase to the Contract in the amount of \$38,125.16.

The above item shall be funded from Account No. 377-41-340-541.68-18 pending City Commission Approval along with a budget transfer.

ADJUSTED ADDITIONAL CONTRACT TIME FOR THIS CHANGE ORDER: five (5) Calendar Days

TOTAL PERCENT INCREASE CONTRACT AMOUNT +9.04%

Revised Final Completion Date: February 14, 2019

SUMMARY OF CONTRACT AMOUNT/CHANGES

ORIGINAL CONTRACT AMOUNT	\$	1,611,777.00
COST OF CONSTRUCTION CHANGES PREVIOUSLY ORDERED	\$_	0.00
ADJUSTED CONTRACT AMOUNT PRIOR TO THIS CHANGE ORDER	\$	1,611,777.00
COST OF CONSTRUCTION CHANGES THIS ORDER	\$	145,690.16
ADJUSTED CONTRACT AMOUNT INCLUDING THIS CHANGE ORDER	\$	1,757,467.16
PERCENT INCREASE THIS CHANGE ORDER 9.04%		
TOTAL PERCENT INCREASE TO DATE 9.04%		
TOTAL CONTRACT TIME WILL BE INCREASED BY 5 DAYS		

	rtify that the supporting cost data included is, in my considered opinion, accurate and
CEI/Consultant/PM Signature	Date
CED Consultant/FWI Signature	Date
Contractor Signature	10-15-18 Date
Type or Print Name and Title	
TO RE EII I ED	OUT BY DEPARTMENT INITIATING CHANGE ORDER
TO BE FILLED	501 BT DEFARTMENT INITIATING CHANGE ORDER
Public Works Account No. 377-4	1-340-541.68-18 Pending Commission Approval along with a budget transfer
DEPARTMENT	FUNDING CERTIFIED BY
	CITY DELRAY BEACH, FLORIDA
	ATT BELATT BENCH, TECKEN
RECOMMENDED: Susan Goebel-Carning, Dir	By: ector Public Works
,	
	ATTEST:
APPROVED:	By:
R. Max Lohman, City Attorn	ey Katerri Johnson, City Clerk



September 12, 2018

Isaac Kovner, PE Principal Engineer – City of Delray Beach 434 S Swinton Ave Delray Beach, Florida 33444

Re:

Letter of No Objection for the Installation of ARMI

NE 2nd Ave Phase II

Dear Mr. Kovner,

WGI has no objection with the installation of the asphalt rubber membrane interlayer (ARMI) for the entire limits of the project, excluding the newly constructed sections of bike lanes or the connections to side streets.

Respectfully submitted, **WGI**

Brett Oldford, PE Director – Civil Engineering

Cc: File





Cost Summary Change Order 001

Projec	ct:	NE 2 nd Avenue / Seacrest Phase 2 City Project No. 16-032 Change Order:					Order:	001			
Owne	er:	Isaac Kovner, P.E., Project Manager, City of Delray Beach									
CEIE	ngineer:	Aaron Cutler, Construction Manager, Mathews Consulting									
Contr	actor:	Mike Iacobelli, Project Manager, Man Con Incorporated									
Change Order 001 is to extend the proposed Add Alternate 2 ARMI Layer from Sta. 53+49.80 to the South Limits at Sta. 52+10.00 and from Sta. 76+11.3 to the North Limits at Sta. 78+35.9. Change Order 001 also includes a quantity overrun projection for Pay Item #14 Pavement Removal. The Costs for this work will be based on Field Measurements applied to the associated Pay Items. The Contractor has included a Cost Credit for adding additional ARMI Layer quantity, that will be reconciled through a Deductive Change Order at a later date. Below is a Cost Summary for all items:											
Item:	Descrip	tion:		Unit:	Qua	antity:	Cost:	Total:			
30.1		al 3" (2-5/8" Rev #4)	SY	2,0		\$30.00	\$60,600	0.00			
30.2		al ARMI Layer exten				\$25.00	\$50,500				
30.3	2" Asphalt SP 9.5 (2) 1" Lifts including Tack			SY	2,0		\$25.30	\$51,100			
15	2" Milling	lling and Resurfacing (Unbilled Quantity)			2,0	20	(\$22.30)	(\$45,04	16.00)		
N/A	Credit N	egotiation for Addition	d LS			(\$9,595.00)	(\$9,595	5.00)			
14	Addition	al Asphalt Pavement	SY			\$38,125.16	\$38,12				
						Total Cost:	\$145,69	90.16			
		a J		С	ontra	ctor Tim	e Extension	5 Days			
	Owner CEI Eng			gineer	neer			Contractor			
Isaac Kovner, P.E. Aard			Mathews Consulting Aaron Cutler Construction Manager		Man Con. Mike lacobelli Anthon & Manuw Project Manager						
Sign: Sign:			(n	Sign: A							
Date: \bigcirc Date:				5-18		Date: 10-15.18					





















