

CITY OF DANA POINT
AGENDA REPORT

Reviewed By:	
DH	X
CM	X
CA	

DATE: MARCH 12, 2003

TO: CITY MANAGER/CITY COUNCIL

FROM: ROBERT A. WARREN, DIRECTOR OF PUBLIC WORKS AND ENGINEERING SERVICES

SUBJECT: APPROVAL OF CHANGE ORDER NUMBER THREE FOR THE ANNUAL ROADWAY RESURFACING PROJECT, FISCAL YEAR 2002/2003

RECOMMENDED ACTION:

That the City Council (1) approve Contract Change Order Number Three to All American Asphalt for the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003 for a not-to-exceed fee of \$163,068.30; and (2) approve the transfer of \$165,000 from the Concrete Repair and Replacement Project FY 02/03, Account Number 11-99-30-1165-311, to the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003, Account Number 11-99-30-1169-311.

ISSUES:

The City was faced with numerous issues on this project related to failing street sections, waterline breaks and construction delays. Based on those issues and the need for additional asphalt resurfacing, it would be appropriate for Council to consider the approval of Change Order Number Three for the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003.

BACKGROUND:

The Annual Roadway Resurfacing Project includes pavement rehabilitation/maintenance on residential streets that warrant the most immediate attention. Relative priorities and appropriate resurfacing methods are generally guided by the City's Pavement Management System recommendations. County of Orange and City staff evaluate street pavements annually and the results from the evaluation become the basis for generating rehabilitation projects for the following years. The typical roadway renovation technique employed in this program includes minor dig-outs of failed pavement sections followed by an

asphalt overlay. The list of streets proposed to receive an asphalt overlay as part of this project is included as Supporting Document A.

Staff advertised and received construction bids for the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003 on October 29, 2002. Based on the bid results, the City Council awarded a contract to the lowest responsible bidder, namely All American Asphalt.

DISCUSSION:

The project construction started on January 13, 2003 and is still underway at this time. Staff was faced with numerous issues on this project which has required additional funding to construct quality improvements. The following explains some of the issues that were encountered:

1. Additional asphalt repair and replacement sections were required on numerous streets due to the condition of the street once the streets were cold-milled. The asphalt thickness on several streets was as minimal as 2-inches in depth which increased the need for repairs prior to rehabilitating the subject streets.
2. Additional asphalt was necessary to adequately rehabilitate the subject streets to meet City standards.
3. South Coast Water District (SCWD) notified the City after the construction contract was awarded for this project of the need to place a 15-inch sewer line in Santa Clara, Amber Lantern and Old Golden Lantern. This has lead to a construction delay.
4. Water lateral trenches on Armada Drive settled during the placement of asphalt which has resulted in the need to redo a 250 foot section of the street.
5. Water lateral trenches on Buccaneer Drive settled during the placement of asphalt which has resulted in necessary repairs.
6. A large section of Alicia Drive failed during construction which required substantial reconstruction of the street prior to placing the finish course of asphalt.
7. A SCWD waterline broke on Blue Lantern which has affected the construction of the project.

Based on the issues mentioned above and other elements, staff has identified the need for additional funding to adequately build this project. Therefore, staff recommends that Council consider the approval of Change Order Number Three for the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003.

South Coast Water District will reimburse the City for a portion of the work that resulted from the waterline break on Blue Lantern. Staff, however, suggests that the City Council fund that effort since the City's contractor is doing the work. Staff will solicit payment from SCWD prior to the work being completed.

NOTIFICATION/FOLLOW-UP:

All American Asphalt
 PBS&J
 Goffman McCormick and Urban

STRATEGIC PLAN IMPLEMENTATION

In compliance with the Strategic Plan Initiative to maintain, modernize and beautify the City's infrastructure and neighborhoods, this project implements the tactical element of upgrading and maintaining roads and bridges.

FISCAL IMPACT:

Funding provided in the FY2002/2003 Capital Improvement Program budget for the Annual Roadway Resurfacing Project is as follows:

General Funds	\$ 269,321.00
Measure M	\$ 408,279.00
AB2928	<u>\$ 80,000.00</u>
TOTAL FUNDING	\$ 757,600.00

The total costs encumbered to date as part of the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003 are as follows:

Design Services, PBS&J	\$ 54,684.00
Printing, CR Reprographics	\$ 400.00
Construction	\$ 555,763.60
Construction Management	\$ 73,078.00
Materials Testing Services	\$ 18,000.00
Change Order Number 1	\$ 13,645.05
Change Order Number 2	\$ 16,863.11
Remaining Contingency	\$ 25,068.20
Survey, Bush and Associates	<u>\$ 1,490.00</u>
TOTAL PROJECT COSTS TO DATE (Previous Council Actions)	\$ 758,991.96

The additional costs per the recommended action are as follows:

Change Order Number 3	\$ 163,068.30
TOTAL ADDITIONAL COSTS (Recommended Action)	\$ 163,068.30

Based on the additional costs per the recommended action and the remaining budget, staff recommends that Council approve the transfer of \$166,000 from the Concrete Repair and Replacement Project, FY 2002/2003, Account Number 11-99-30-1165-311, to the Annual Roadway Resurfacing Project, Fiscal Year 2002/2003, Account Number 11-99-30-1169-311.

As stated previously, South Coast Water District will be required to fund approximately one-third of the change order. Staff will solicit that contribution prior to the work being completed.

ALTERNATIVE ACTIONS:

- 1. Other alternatives as determined by the City Council.

ACTION DOCUMENTS:

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A. List of Streets	5
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SUPPORTING DOCUMENTS:

None

SUPPORTING DOCUMENT A: List of Streets

ANNUAL ROADWAY RESURFACING FY 2002/2003		
LIST OF STREETS		
Number	Street	Limits
1	Alicia Drive	Mariana Drive to Pequito Drive
2	Amber Lantern	Del Prado Southerly to End
3	Armada Drive	Tesora Street to Buccaneer Street
4	Barbados Drive	Tesora Street to Buccaneer Street
5	Blue Lantern	PCH Southerly to End
6	Blue Sail Drive	Del Obispo to Via Lenita
7	Buccaneer Drive	Desoto Way to End
8	Calle La Primavera	Manzanita Drive to La Cresta Drive
9	Desoto Way	Taxco Drive to End
10	Elisa Drive	Margarita Street to Santiago Drive
11	Green Lantern	PCH to Scenic Drive
12	Manzanita Drive	Calle La Primavera to Crystal Lantern
13	Margarita Street	Christina Drive to Elisa Drive
14	Old Golden Lantern	Del Prado to the End
15	Pequito Drive	Alicia Drive to La Cresta Drive
16	Pequito Drive	Perch Drive to Alicia Drive
17	Ruby Lantern	PCH to Santa Clara Avenue
18	Santa Clara Avenue	Green Lantern to Old Golden Lantern
19	Santiago Drive	Taxco to Elisa Drive
20	Scenic Drive	Green Lantern to End
21	Taxco Drive	Tesora Street to Buccaneer Street
22	Tesora Street	Barbados Drive to Taxco Drive
23	Via Pacifica	Pequito Drive to End
24	Via Playa	Pequito Drive to End