

**CITY OF DANA POINT**  
**AGENDA REPORT**

<b>Reviewed By:</b>	
DH	X
CM	X
CA	

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**DATE: JULY 13, 2005**

**TO: CITY MANAGER/CITY COUNCIL**

**FROM: BRAD FOWLER, DIRECTOR OF PUBLIC WORKS & ENGINEERING SERVICES**

**SUBJECT: AUTHORIZE DESIGN SERVICES FOR THE ANNUAL ROADWAY RESURFACING PROJECTS FY 05/06 AND FY 06/07**

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**RECOMMENDED ACTION:**

That the City Council (1) authorize an expenditure in a not-to-exceed amount of \$163,788 for design services for the FY 05/06 and FY 06/07 Annual Residential Roadway Resurfacing Projects, provided that the City Manager or his designee may approve additional payment not to exceed ten percent of this amount for changes in scope of work and contingencies; and (2) authorize advertisement for construction bids once the design is complete.

**ISSUES:**

To expedite the completion of next year's Annual Residential Roadway Resurfacing Project, staff has secured a proposal from PBS&J to complete the design. Staff recommends that the Council authorize design services pursuant to the Master Agreement with PBS&J.

**BACKGROUND:**

Annual Roadway Resurfacing Projects include pavement rehabilitation/maintenance on streets that warrant the most immediate attention and necessary right-of-way concrete work, as well as bringing those streets into compliance with the Americans with Disabilities Act (ADA) relative to respective adjacent paths of travel with appropriate pedestrian ramps.

Relative priorities and appropriate resurfacing methods are generally guided by the City's Pavement Management System recommendations. The 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. Those streets with a rating of 80 or less out of 100 were considered for an overlay and the worst streets were selected from this list for

repair. The typical roadway renovation technique employed in this program includes minor dig-outs of failed pavement sections followed by an asphalt overlay.

Over the course of the next two years, however, several streets will require complete reconstruction and concrete drainage way repairs and improvements. In past years, even as far back as pre-incorporation, asphalt concrete pavement on some of these streets was placed without grinding the street edges along the curb. As a result, the curb exposure (height) was reduced when the street was paved last. This creates issues with drainage, driveways, and long term maintenance.

Further, staff hopes to improve drainage ways with concrete cross gutters at 26 intersections Citywide as part of this project. The reason that this is necessary is to reduce repetitive maintenance at increased cost due to water scouring the asphalt as it travels across these intersections.

Since reconstruction is required for several streets and drainage issues will be corrected at several intersections Citywide, the City is currently securing a topographic survey and geotechnical review for the subject streets and intersections pursuant to Council approval on May 25, 2005.

### **DISCUSSION:**

The County of Orange Public Facilities and Resources Department (County), through its Operations and Maintenance Division, has provided a list of streets to be considered for maintenance/resurfacing projects within the City of Dana Point this year. The County, on behalf of the City, rates all of the public streets in Dana Point each year.

Key staff from the Public Works Department drove all streets listed for rehabilitation and selected the most deteriorated streets for repair for the next two years. The list of streets is included as Supporting Document A. Supporting Document B is provided to indicate the streets on the list for rehabilitation where survey is necessary for drainage work and currently being done. Supporting Document C is provided to indicate the intersections where staff will work to improve drainage Citywide utilizing cross gutters and minor storm improvements.

It is important to note that the City is obligated to bring all streets into compliance with current federal ADA requirements. This will be done as part of the design and construction of this project.

Staff recommends that Council authorize the expenditure for design services so the streets that need to be rehabilitated can be done. PBS&J has provided excellent professional services for this type of work to the City in the past.

**NOTIFICATION/FOLLOW-UP:**

PBS&J

**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:**

The available funding approved in the next two year budget for rehabilitation of residential streets is as follows:

FY 05/06 General Fund	\$1,283,914.00
FY 05/06 Measure M	\$ 416,086.00
FY 06/07 General Fund	\$1,270,739.00
FY 06/07 Measure M	<u>\$ 429,261.00</u>
Total Available Funding in the Next Two Years	\$ 3,400,000.00

There is sufficient funds budgeted to accomplish the recommended action.

**ALTERNATIVE ACTIONS:**

1. Other alternatives as determined by the City Council.

**ACTION DOCUMENTS:**

**PAGE**

None

**SUPPORTING DOCUMENTS:**

A. List of Streets to be <a href="#">rehabilitated</a> in FY 05/06 and FY 06/07 .....	4
B. List of Streets where <a href="#">survey</a> is being done.....	5
C. List of <a href="#">Intersections</a> where drainage improvements are planned.....	6
D. Proposal (available in the Public Works Department).....	7

**SUPPORTING DOCUMENT A: List of streets to be rehabilitated in FY 05/06 and FY 06/07**

<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 05/06 WITH NEW CURB AND GUTTER</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
CAMINO CAPISTRANO	CAMINO DE ESTRELLA	PALISADES DR
CAMINO CAPISTRANO	200' E/O VIA CALIFORNIA	CAMINO CAPISTRANO
CALLE JUANITA	CALLE REAL	CALLE NARANJA
GRANADA DRIVE	LA CRESTA DR	SELVA RD
<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 05/06 (PAVING ONLY)</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
JEREMIAH DRIVE	JOSIAH DR	BENJAMIN CIR
JEREMIAH DRIVE	BENJAMIN CIR	STREET/GOLDEN LANTERN
PRISCILLA DRIVE	SIMEON DR NW/	CUL DE SAC
EL CAMINO CAPISTRANO	STREET/VIOLET LANTERN	STREET/GOLDEN LANTERN
<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 06/07 WITH NEW CURB AND GUTTER</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
VIA SACRAMENTO	CAMINO CAPISTRANO	VIA SAN JUAN
ALTA VISTA	CAMINO EL MOLINO NE	SAN CLEMENTE CITY LIMITS
VISTA DEL MAR	CALLE FORTUNA	CAMINO DE ESTRELLA
<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 06/07 (PAVING ONLY)</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
EASTWIND DRIVE	IRONSIDES DR	CORAL REACH ST
GOLDENSPRING DRIVE	DEL OBISPO ST	SUNRIDGE DR
NANCY JANE COURT	EASTWIND DR NE/	CUL DE SAC
SUNRIDGE COURT	EASTWIND DRIVE	CUL DE SAC
CALLITA DRIVE	VIA ELEVADO	LA CRESTA DR
AURELIO DRIVE	VIA ELEVADO	LA CRESTA DR
EL CONTENTO DRIVE	MANZANITA DR	LA CRESTA DR
FORMOSA DRIVE	VIA ELEVADO	LA CRESTA DR
ZARZITO DRIVE	VIA ELEVADO	LA CRESTA DR
VIA ELEVADO	CALLITA DR E/	CUL DE SAC
ALLEY-NE/CAMINO CAPISTRANO	VIA SERRA	CUL DE SAC
ALLEY-SE/DOHENY PARK ROAD	VICTORIA BLVD	DOMINGO AVE
VICTORIA BOULEVARD	CAMINO CAPISTRANO	SEPULVEDA
MAZO DR	LA CRESTA DR	CALLE LA PRIMAVERA
MARIANA DRIVE	LA CRESTA DR	CALLE LA PRIMAVERA

**SUPPORTING DOCUMENT B: List of streets where survey is needed**

<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 05/06 WITH NEW CURB AND GUTTER</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
CAMINO CAPISTRANO	CAMINO DE ESTRELLA	PALISADES DR
CAMINO CAPISTRANO	200' E/O VIA CALIFORNIA	CAMINO CAPISTRANO
CALLE JUANITA	CALLE REAL	CALLE NARANJA
GRANADA DRIVE	LA CRESTA DR	SELVA RD
<b>RESIDENTIAL/COLLECTOR STREETS TO BE PAVED IN FY 06/07 WITH NEW CURB AND GUTTER</b>		
<b>STREET</b>	<b>BEGIN</b>	<b>END</b>
VIA SACRAMENTO	CAMINO CAPISTRANO	VIA SAN JUAN
ALTA VISTA	CAMINO EL MOLINO NE	SAN CLEMENTE CITY LIMITS
VISTA DEL MAR	CALLE FORTUNA	CAMINO DE ESTRELLA

**SUPPORTING DOCUMENT C: List of intersections where drainage improvements are planned**

CROSS GUTTER INSTALLATION EVALUATION			
Reference No.	Priority	Location	Proposed Cross Gutter Locations
1	1	Via Canon at Camino Capistrano	T-intersection: NE corner to SE curb
2	3a	Doheny Place at Camino Capistrano	T-intersection: SW to SE corner
3	5	Via California at Camino Capistrano	NE corner to SE corner
4	11	Camino Capistrano south of Doheny Park Road (Frontage Road)	behind Aamco
5	4	Calle Carmelita at Calle Portola	SW to SE corner
6	--	Calle Velez at Calle Los Alamos	NW to NE corner
7	--	Via Velez at Via Sacramento	NW to NE corner
8	2	Las Palmas at Calle Rosita	2 locations: (1) SW to SE corner, (2) SE to NE corner
9	--	Calle Loma at Calle Fortuna	NE to SE corner
10	6	Via Sacramento at Camino Capistrano	2 locations (to be constructed with Phase II Storm Drain Project)
11	--	Calle Maria at Vista Del Mar	NW to NE corner
12	7	34976 Calle Fortuna	catch basin evaluation
13	--	Calle Real at Calle Del Sol	NW to SW corner
14	--	Calle Loma at Calle Del Sol	NE to SE corner
15	13	Calle Las Flores at Calle Del Sol	NW to NE corner
16	--	Calle Ramona at Calle Del Sol	NW to NE corner
17	--	Via Verde at Via California	NE to SE corner
18	--	Via Gomez at Via California	NE to SE corner
19	10	Santa Rosa at Camino Capistrano	SW to SE corner
20	--	Silver Lantern at La Cresta	2 locations (1) NW to SW corner, (2) NE to SE corner
21	--	La Cresta at La Serana	NW to NE corner
22	9	La Cresta at Barcelona	NW to NE corner
23	14	Castano at Violet Lantern	NW to SW corner
24	8	Santa Clara at Amber Lantern	SW to SE corner
25	--	Santa Clara at Violet Lantern	NW to NE corner
26	--	Del Obispo at Westbourne	existing cross gutter (NW to SW corner)

**SUPPORTING DOCUMENT D: Proposal**

**Hard copy available in Public Works Department**