

**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

333A



**FROM:** TLMA - Transportation Dept.

**SUBMITTAL DATE:**  
April 3, 2006

**SUBJECT:** Amendment No.1 to the Engineering Services Agreement for the environmental clearance and design engineering services to construct new bridges and approach roads on Leon Road and Rice Road at Salt Creek.

**RECOMMENDED MOTION:** That the Board of Supervisors approve the Amendment No.1 to the Engineering Services Agreement between the County of Riverside and Dokken Engineering.

**BACKGROUND:** The construction of the Domenigoni Parkway (former Newport Road) between Menifee Road and SR-79 is in progress. This segment of the Domenigoni Parkway will provide a very important east-west arterial from I-215 to SR-79. To address the traffic circulation, safety, and to support the development in the area particularly between Domenigoni Parkway and Olive Avenue, all weather crossings are needed on Leon Road and Rice Road over Salt Creek.

On May 11, 2004, the Board of Supervisors executed an agreement with Dokken Engineering to provide environmental and design engineering services to construct new bridges and the approach roads on Leon Road and Rice Road at Salt Creek. Since then, we have been

*George A. Johnson*

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Director of Transportation

GAJ:sd

(Continued On Attached Page)

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 249,119.41	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2005/2006
<b>SOURCE OF FUNDS:</b> Newport Road Overlay CFD 05-01				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

**C.E.O. RECOMMENDATION: APPROVE**

County Executive Office Signature

*James G. Hynes*

Policy  Policy

Consent  Consent

Dep't Recomm.: Per Exec. Ofc.:

Prev. Agn. Ref. May 11, 2004, 3.32 | District: 3 | Agenda Number:

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

3.27

FORM APPROVED COUNTY COUNSEL

MAR 27 2006

Departmental Concurrence *YB*

The Honorable Board of Supervisors

RE: Amendment No.1 to the Engineering Services Agreement for the environmental clearance and design engineering services to construct new bridges and approach roads on Leon Road and Rice Road at Salt Creek.

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successfully working to keep the development of the infrastructure project ahead of the development occurring in the area. Coordination with the adjoining development plans, changes in environmental documentation and the impact of the heavy rains of spring 2005 on environmental documentation have required adjustments to the project scope and the design schedule. Amendment No.1 modifies the current scope of work and increases the budget for consulting services to address these scope changes.

**Out of Scope Work with Significant Cost Impacts:**

***Environmental Documentation:*** During the development of the environmental document and the supporting technical studies, three events took place causing significant scope changes. These were:

- Riverside County Flood Control District implemented a channel reconstruction project covering the Leon Road and Rice Road Bridge sites.
- The winter rains of 2005 impacted the wetlands delineation and increased the limits of jurisdictional waters.
- The environmental document in progress was reformatted to comply with the implementation requirements of the MSHCP.

These changes required extensive revisions to the IS/MND, generally reformatting and rewriting the document. The channel grading coupled with heavy rains have resulted in a significantly varying set of field conditions, requiring a repeat of wetlands delineation. The biological report was rewritten to reflect the changes and to comply with the provisions of MSHCP. The substantial increase in the limits of jurisdictional waters has significantly increased the effort for environmental permitting with the regulatory agencies.

***Engineering Effort and PS&E Preparation:*** The significant factors impacting the scope of engineering tasks are:

- ***Bridge Hydraulics and Scour Study:*** A greater level of hydraulic and scour analysis was needed beyond that originally anticipated.
- ***Final Geometry, Typical Sections, Layout and Pavement Delineation:*** Particularly, the intersections of Leon Road with Olive Avenue at the north end of the project and the Domenigoni Parkway at the south end required addressing an interim condition prior to the development as well as the ultimate intersection geometry.
- ***Integration of the Trail Design along the Salt Creek Channel:*** A trail design was not included in the original scope of work except along Leon Road. As soon as the environmental process was initiated, it became apparent that the integration of design for the two trails along the Salt Creek and the trail along Leon Road had to be done as part of the Leon Road and Rice Road Project.
- ***Retaining Walls:*** Integration of the trail design was further complicated by the two major drainage structures, which were designed as part of the adjacent projects, running along Leon Road and connecting to Salt Creek immediately to the west of the proposed bridge. Coordinating all of these design issues required utilizing MSE type retaining walls connecting to bridge abutments.

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- Wet Utility Design: As part of Overlay CFD formation, it has been decided to add the design of the potable water and the recycled waterlines within project limits into the roadway scope of work to avoid future pavement reconstruction due to utility installation.

The attached additional scope of work and the fee proposal in the amount of \$249,119.41 addresses the required changes summarized above. All of these costs will be paid for by the CFD being formed by developers in the area.

Recommended Contract Budget:

Original Contract Amount:	\$539,843.38
<b><u>Recommended Amendment No.1: \$249,119.41</u></b>	
Total Contract Amount:	\$788,962.79