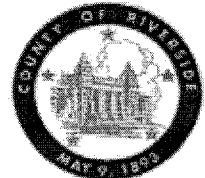


**SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

104 A



**FROM:** TLMA - Transportation Department

**SUBMITTAL DATE:**  
June 8, 2009

**SUBJECT:** Engineering and Environmental Services Agreement with LAN Engineering for the Magnolia Avenue Railroad Grade Separation Project

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the attached engineering and environmental services agreement between The County of Riverside and LAN Engineering;
2. and Authorize the Chairman of the Board to execute the same.

**BACKGROUND:** Magnolia Avenue is a four-lane Arterial Highway that provides primary access to commercial, industrial and residential land uses in the Home Gardens Community of Riverside County, which borders the City of Riverside to the east and City of Corona to the north. A Burlington Northern Santa Fe (BNSF) at grade crossing currently exists on Magnolia

Juan C. Perez  
Director of Transportation

(Continued On Attached Page)  
JCP:JA

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 952,859	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2008/09
<b>SOURCE OF FUNDS:</b> TUMF (100%) Project No. B70784			<b>Positions To Be Deleted Per A-30</b>	<input type="checkbox"/>
			<b>Requires 4/5 Vote</b>	<input type="checkbox"/>

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

APPROVE

BY:

Tina Grande

County Executive Office Signature

Policy  Policy

Consent  Consent

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

Prev. Agn. Ref. 07/29/08, Item 3.149 District: 2 Agenda Number:

ATTACHMENTS FILED  
WITH THE CLERK OF THE BOARD

3.45

FORM APPROVED COUNTY COUNSEL  
BY:   
MARSHAL L. VICTOR  
DATE: 6/11/09

Departmental Concurrence

The Honorable Board of Supervisors

RE: Magnolia Avenue Railroad Grade Separation Engineering Services Agreement with LAN Engineering

June 8, 2009

Page 2 of 2

Avenue between Lincoln Street and Buchanan Street. Vehicles, pedestrians and bicycles all traverse the crossing at the BNSF railroad tracks. At this crossing, there are two mainline tracks that service freight trains, as well as Metrolink and Amtrak commuter trains. The railroad crosses Magnolia Avenue at a sharp angle, which limits visibility and increases the potential for train-vehicle accidents. Currently, 41 freight and 27 passenger trains pass through Magnolia Avenue grade crossing on a daily basis which is projected to increase to 62 freight and 38 passenger trains by 2030. The increase in number of trains will cause more frequent interruptions in the normal flow of vehicle traffic creating additional congestion in the area.

The proposed project will grade separate Magnolia Avenue where it currently crosses the BNSF mainline tracks at grade providing the following benefits to the public:

- Improve vehicular traffic circulation and provide uninterrupted and efficient access for motorists, residents, businesses, pedestrians and emergency vehicles in the area.
- Substantially increase public safety by separating vehicles, bicycles and pedestrians from train traffic.
- Substantially reduce particulate matter from idling vehicles causing a reduction in greenhouse gas emissions.
- Reduce train noise.

LAN Engineering is on the Transportation Department's Pre-Qualified List of Structural Design Firms. The list was established through a request for proposals, which was advertised in the Press Enterprise. Fifteen firms submitted qualifications. Representatives from Caltrans, CVAG and the Riverside County Transportation Department evaluated the written proposals and interviewed the ten top ranked firms.

LAN Engineering was selected as the firm to provide the needed services for this project. A not to exceed budget of \$952,859 (including contingency) was negotiated between LAN and the Transportation Department. The services to be provided include preliminary engineering and environmental services for the preparation of an engineering recommendations report and obtaining environmental clearance. Services required for the preparation of Plans, Specifications and Estimates (PS&E) are intended to be performed under the terms and conditions of a future amendment to this agreement.

The Magnolia Avenue grade separation project has been designated to receive Western Riverside County TUMF (Transportation Uniform Mitigation Fee) funds from Western Riverside Council of Governments (WRCOG) in the amount of \$1,048,000 for the planning and design phases under the current Northwest Zone TIP budget. We have also secured \$13.7 million in Trade Corridor Improvement Funds (TCIF) for the construction phase of this project.

It is anticipated that this phase of the preliminary engineering and environmental work can be completed in 16 months, followed by final design and then construction anticipated to begin by December 2013. The total project is estimated to cost \$81.7 million. The County does not yet have full funding in place for construction and will continue to seek full funding through RCTC, WRCOG, and other sources.