

**TO:** James L. App, City Manager  
**FROM:** Doug Monn, Public Works Director  
**SUBJECT:** Highway 101 / 46 East Improvements  
**DATE:** May 18, 2010

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**NEEDS:** For City Council to provide direction regarding the aesthetic treatment for a concrete barrier that will be installed along the widened southbound on-ramp from Highway 46 East on Highway 101 as part of the City Highway 46 East project.

**FACTS:**

1. April 20, 2010, City Council provided direction to Caltrans regarding the aesthetic treatment for the proposed concrete medians Caltrans is installing along Highway 101 as part of a highway safety program.
2. City Council recommended Caltrans install an Adelaide stone surface treatment to the median barrier.
3. The City is the lead agency for a separate project (Highway 46 East and 101) that would install two left turn lanes and widen the on-ramp at highway 46 east to 101.
4. A concrete barrier similar to that being installed by Cal Trans is needed to accommodate the widened ramp.
5. Staff is seeking direction from City Council regarding the aesthetic treatment, if any, to be applied to this concrete barrier.

**ANALYSIS &**

**CONCLUSION:** Two options are available for City Council for the aesthetic treatment of the concrete barrier along the widened ramp.

1. Do nothing but apply anti-graffiti coating to the plan concrete since the median to the west will already have aesthetic treatment (see simulation).
2. Apply the same Adelaide stone treatment to the barrier along the widened on-ramp (City project) as was selected for Caltrans' median project (see simulation).

**POLICY**

**REFERENCE:** None

**FISCAL**

**IMPACT:** Costs for the Adelaide stone veneer is estimated to increase the project cost between \$200,000 and \$300,000. This cost was not anticipated and therefore not included in the project budget. Should City Council decide to install the Adelaide stone veneer, it will be necessary to allocate an additional \$300,000 to the adopted budget.

**OPTIONS:**

- a. Direct staff to install an anti-graffiti coating only on the widened on-ramp.
- b. Direct staff to install an aesthetic treatment on the concrete barrier along the widened on-ramp in the same manner as the Caltrans' median barrier project.
- c. Amend, modify, or reject the above option.

Prepared by: Ditas Esperanza, P.E., Capital Projects Engineer

Attachments: (2) simulations



