

Council Meeting of
January 10, 2006

Honorable Mayor and Members
of the City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Appropriation of Airport Fund Balance for the Purchase and Installation of a New Tower Beacon Light, the Installation of Illuminated Runway Signs and Design Consultation for the Airport Pavement Management System.

Expenditure: \$26,000

RECOMMENDATION

The Public Works Director recommends that the City Council approve an appropriation of \$26,000 from the Airport Fund balance, to be used for the purchase and installation of a new tower beacon light, the installation of illuminated airport runway signs and design consultation for the Airport Pavement Management System (FEAP-539).

Funding

Funding is available in the Airport Fund balance.

BACKGROUND/ANALYSIS

The current airport beacon light at Torrance Airport (Zamperini Field) is over 12 years old and in need of replacement. The 10-inch diameter, 500 watt beacon light has required increased maintenance and service over the past year, and the repair parts are becoming difficult to find. It is also necessary to increase the illumination value of the beacon to compensate for nearby commercial lighting surrounding the airport, thereby increasing the visibility of the airport to pilots in the air.

The new beacon will be a 24-inch diameter, high intensity, 400 watt double headed rotating beacon constructed to Federal Aviation Administration (FAA) specifications. This new beacon will provide greater visibility of the airport from the air and assist pilots in visual position locating and guidance for safer air travel. The cost of the new beacon light, including installation cost, will be approximately \$12,500.

In addition, four new illuminated runway identification signs that were previously purchased need to be installed. These signs are an upgrade to meet FAA sign standards in assisting with aircraft ground traffic flow. The installation of the signs, along with the necessary wiring to a power source, has an expected cost not to exceed \$7,500.

Regarding the Airport Pavement Management System (APMS), ERES Consultants has performed a detailed pavement condition survey of Zamperini Field and produced a generalized pavement repair and maintenance plan. The next step in the development of the APMS is to refine the results of the ERES report by deciding on probable pavement repair methods, probable pavement maintenance methods and cost estimating. Staff will be performing the majority of the work, but needs the assistance of a pavement expert. It is expected that \$6,000 should be sufficient to cover this phase of the APMS.

The funding for these projects is available in the Airport Fund balance.

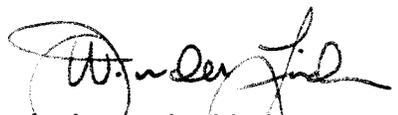
Respectfully submitted,

ROBERT J. BESTE
Public Works Director



By John Drakodaidis
Senior Administrative Analyst

CONCUR:



Jack van der Linden
Deputy Public Works Director



Robert J. Beste
Public Works Director



LeRoy J. Jackson
City Manager