



Agenda Item #: \_\_\_\_\_

# Staff Report

## City of Manhattan Beach

**TO:** Honorable Mayor Ward and Members of the City Council

**THROUGH:** Richard Thompson, Interim City Manager

**FROM:** Jim Arndt, Director of Public Works  
Steve Finton, City Engineer

**DATE:** February 16, 2010

**SUBJECT:** Appropriation of funds (\$6,850) for Geotechnical Engineering Services for Sand Dune Park

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### **RECOMMENDATION:**

It is recommended that the City Council pass a motion to appropriate funds in the amount of \$6,850 for geotechnical engineering services for Sand Dune Park.

### **FISCAL IMPLICATION:**

Staff recommends that funding for the proposed geotechnical engineering services should come from the City Council Contingency Fund. Prior to this evening, the City Council Contingency fund had a balance of \$50,000. Another report for Council's consideration this evening recommends using up to \$24,000 from the Council Contingency fund for lighted directional signs as part of the Downtown Parking Management Plan.

### **BACKGROUND:**

On January 19, 2010, City Council directed staff to hire a Geotechnical Engineer to conduct a geotechnical investigation of the sand dune at Sand Dune Park to determine if the dune is geologically stable.

### **DISCUSSION:**

Staff has consulted with geotechnical engineers and has determined that the cost to perform the desired geotechnical services to be \$6,850. The geotechnical services to be secured through the recommended appropriation will include the following:

- Soil classification.
- Dune stabilization recommendations.
- Historical aerial photograph review to assess dune changes.
- Recommendation of a safe dune slope.
- Considerations for reshaping the dune.

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- Considerations for placement of imported material on the dune.
- Retaining wall recommendations.

Staff will consider information provided in the report when developing alternatives for the dune.

xc: Henry Mitzner, Controller  
Jeanne D. O'Brien, Accountant