

March 12, 2002

Honorable Chairman and Members of the
Hermosa Beach Public Works Commission

Regular Meeting of
March 20, 2002

**PROJECT NO. CIP 01-159 HILLCREST DRIVE STREET IMPROVEMENTS – HILLCREST DRIVE &
RHODES STREET FROM 18TH STREET TO
21ST STREET AND 18TH STREET FROM PCH TO
PROSPECT AVENUE**

Recommendation:

It is recommended that the Commission review the conceptual plans, receive public input and support the project.

Background:

At the meeting in January 2002, the conceptual plans were reviewed by the Public Works Commission and the residents. After reviewing the conceptual plans and receiving public input, the Commission recommended the following:

1. Conduct a survey to determine whether or not the majority of the residents want the street improvement;
2. Further study the drainage issues;
3. Perform geotechnical investigation to determine the subgrade issue regarding vibration of homes; and
4. Study feasibility of installing a speed hump on Hillcrest and poll the residents on the block.

This project was approved in the Fiscal Year 2001-02 Capital Improvement Program. The original limits of improvements included Hillcrest Drive and Rhodes Street from 18th Street to 21st Street, 18th Street from PCH to Prospect Avenue and 19th Street from PCH to Rhodes Street. Since the majority of the residents on 19th Street requested at the last meeting not to improve the street, 19th Street from PCH to Rhodes Street is excluded from this project.

Analysis:

The survey of the residents on Hillcrest Drive and Rhodes Street has been completed. The residents who have participated in the survey are all in favor of the improvement. This survey is available in the Department of Public Works for review. Below is a summary of the total number of households that want the improvements.

Hillcrest Drive	Total Household On Hillcrest Drive	Rhodes Street	Total Household On Rhodes Street
22	45	8	35

The proposed scope of work to improve the roadway is to grind the existing concrete roadway on Hillcrest Drive and Rhodes Street and resurface with asphaltic-concrete (AC). Additionally, the existing AC roadway surface on 18th Street will be resurfaced with AC.

The proposed scope of work to correct the drainage problems is to install a storm drain catch basin at two locations - the southwest corner of Hillcrest Drive and 18th Street and the southwest corner of Rhodes Street and 18th Street. Additionally, the finish grades of the roadways will be adjusted to improve drainage.

Staff has reviewed the issue regarding vibration of the homes at the area of 1820 Hillcrest Drive and found it to be inconclusive. Since there is no pavement failure such as settlement or sink holes, Staff recommends that the subgrade at this roadway not be disturbed and proceed with resurfacing as scheduled. However, the subgrade at the area of 2040 Hillcrest Drive has a sink hole problem. The proposed work to mitigate this problem is to remove the local subgrade and backfill with 3 or 4 sacks of concrete slurry mix to provide rigidity and strength.

The traffic issue, which would be an installation of a speed hump on Hillcrest Drive, will be addressed by Mr. Richard Garland, the City Traffic Engineer.

Attachment: Public Notice

Respectfully submitted,

Concur:

Kenneth Kim
Assistant Engineer

Harold C. Williams, P.E.
Director of Public Works/City Engineer