

STAFF REPORT*CITY OF OCEANSIDE*

DATE: June 20, 2012

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **APPROVAL OF PLANS AND SPECIFICATIONS FOR THE MORRO HEIGHTS ROAD IMPROVEMENT PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the Morro Heights Road Improvement project, and authorize the City Engineer to call for bids.

BACKGROUND

Morro Heights Road is a deteriorated two-lane rural road off Sleeping Indian Road in the northeast corner of Oceanside. Within the last few years, the City completed repair and asphalt overlay work on the entire length of Sleeping Indian Road. However, the same approach is too costly on rural residential roads that do not carry heavy "through" truck traffic as does Sleeping Indian Road. For this reason, the staff recommends a "cape seal" solution providing similar maintenance benefits at a much lower cost.

This work is recommended for Morro Heights Road because it will reduce the maintenance cost for pothole repairs and debris clearing by the Public Works Department. Staff will also evaluate the project's cost effectiveness for potential use on other rural Oceanside roads in the future.

ANALYSIS

A "cape seal" consists of a chip seal plus a slurry seal. A chip seal starts with a thin application of asphalt emulsion binder to the road surface. Rock chips approximately 3/8 inch in size are rolled onto the sticky asphalt surface to complete the chip seal. About a week later, a slurry seal is applied to the freshly chip-sealed surface. The slurry seal is mixture of asphalt emulsion and sand. When spread on the chip seal surface, it will provide a smooth driving surface and helps keep chips from coming loose.

The completed cape seal adds a wearing surface to the top of existing asphalt. The City can reduce its long-term maintenance costs by re-applying the chip seal every several years instead of removing and replacing damaged asphalt at a similar frequency.

Potholed areas of the road surface will be repaired before the finish chip seal surface is applied. Also, asphalt curbing will be installed on public right-of-way where missing on the existing road shoulder to improve drainage and help keep rocks and dirt from washing onto the road surface during rain storms. Asphalt curb on this and similar rural streets reduces maintenance costs.

FISCAL IMPACT

The estimated project cost is \$220,000, including staff time and field inspection. The current balance in project account 425426212 is \$50,000. However, on May 16, 2012, the City Council approved the list of the City's TransNet projects in the Regional Transportation Improvement Plan (RTIP). This includes \$1,393,000 for street maintenance (425426212) and \$4,550,000 (902754200212) for asphalt overlays.

Funding for the Morro Heights Road Improvement project will be provided by the \$1,093,000 in TransNet funds for street maintenance (425426212) as approved in the FY 2012 - 2013 CIP budget. The construction contract will be awarded this fall after receipt of the FY2013 TransNet draws.

INSURANCE REQUIREMENTS

The City's standard insurance requirements will be met.

COMMISSION OR COMMITTEE REPORT

Does not apply.

CITY ATTORNEY'S ANALYSIS

The referenced documents have been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

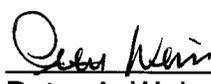
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PREPARED BY:



Gary Kellison
Senior Civil Engineer

SUBMITTED BY:

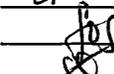


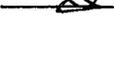
Peter A. Weiss
City Manager

REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager
George Buell, Development Services Director
Scott O. Smith, City Engineer
Teri Ferro, Financial Services Director







Morro Heights Road

