

STAFF REPORT*CITY OF OCEANSIDE*

DATE: April 22, 2015

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **APPROVAL OF PLANS AND SPECIFICATIONS FOR THE INDUSTRY STREET AND OCEANSIDE BOULEVARD STREET RESTORATION PROJECT**

SYNOPSIS

Staff recommends that the City Council approve the plans and specifications for the Industry Street and Oceanside Boulevard Street Restoration Project, and authorize the City Engineer to call for bids.

BACKGROUND

This year the City implemented a new Pavement Management System (PMS) based on a 2014 evaluation of all City streets. City staff utilizes pavement management strategies to make the most appropriate and cost-effective street restoration design decisions.

These technologies are the most effective, environment friendly, and least costly street restoration methods to fix these two streets. Staff selected a combination of Full Depth Reclamation (FDR) and Cold In-place Recycling (CIR) for Industry Street and CIR for Oceanside Boulevard as the most appropriate recycled pavement technologies.

ANALYSIS

Due to excessive deterioration, Industry Street has been requiring repeated repairs over the years. With a Professional Services Agreement, dated February 4, 2015, the City hired Southern California Soils and Testing, Inc. (SCST) to collect asphalt core samples, perform geotechnical and pavement analysis, and provide engineering recommendation for reconstruction. With concurrence from the City's geotechnical consultant, Geopacifica, Inc., SCST recommended the use of a combination of FDR and CIR.

The FDR-CIR combination is a cost-effective method for reconstructing the severely deteriorated Industry Street. The existing road subgrade will be ground-up, mixed with cement, and recycled into the base of the new roadway. The existing asphalt will be ground-up, mixed with binder, and placed underneath the new asphalt overlay.

As a result of the recycling, the City will realize a 30 percent cost saving over conventional methods. With reduced trucking required, the environmental impact of the road construction is also reduced. Because the recycled road base is immediately drivable by trucks, the impact on Industry Street businesses will be kept to a minimum.

According to testing and analysis of the road and sub-surface, Oceanside Boulevard between Ord Way and the easterly City limit is not able to support the required traffic volumes. The City's geotechnical experts recommended the use of CIR. This will be done by grinding up and compacting the existing asphalt into a firm base underneath the new asphalt overlay.

The CIR process is a cost-effective way for reconstructing Oceanside Boulevard between Ord Way and the easterly City limit. As most of the existing asphalt pavement will be reused to support the new pavement, this is also an environment friendly process.

Staff plans to advertise the project in April, open bids in May, and award contract in June 2015.

FISCAL IMPACT

The project budget, including estimated construction cost, staff support, and administration is \$3,200,000. The current balance of the Street Restoration project account (902754200212) is approximately \$2,492,830. However, the bulk of the construction work for the Industry Street and Oceanside Blvd Restoration Project occurs in the FY 2015-16 budget year. Additional Transnet funds in the amount of \$5,000,000 will be programmed as part of the FY 2015-16 Capital Improvement Program budget. The funding source is Transnet funds deposited in fund 212; therefore, sufficient funding will be available for this project.

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

Staff recommends that the City Council approve the plans and specifications for the Industry Street and Oceanside Boulevard Street Restoration Project, and authorize the City Engineer to call for bids.

PREPARED BY:



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SUBMITTED BY:



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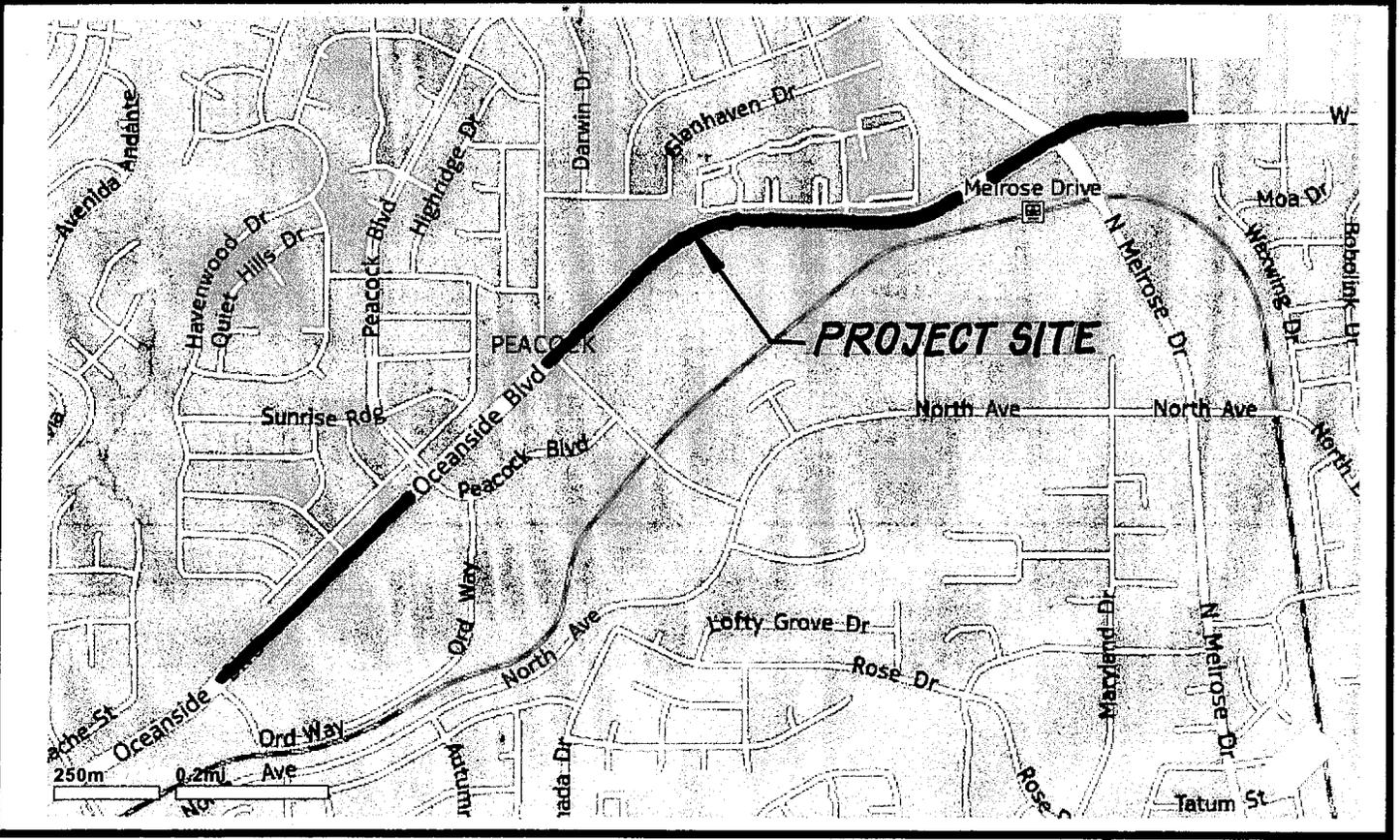
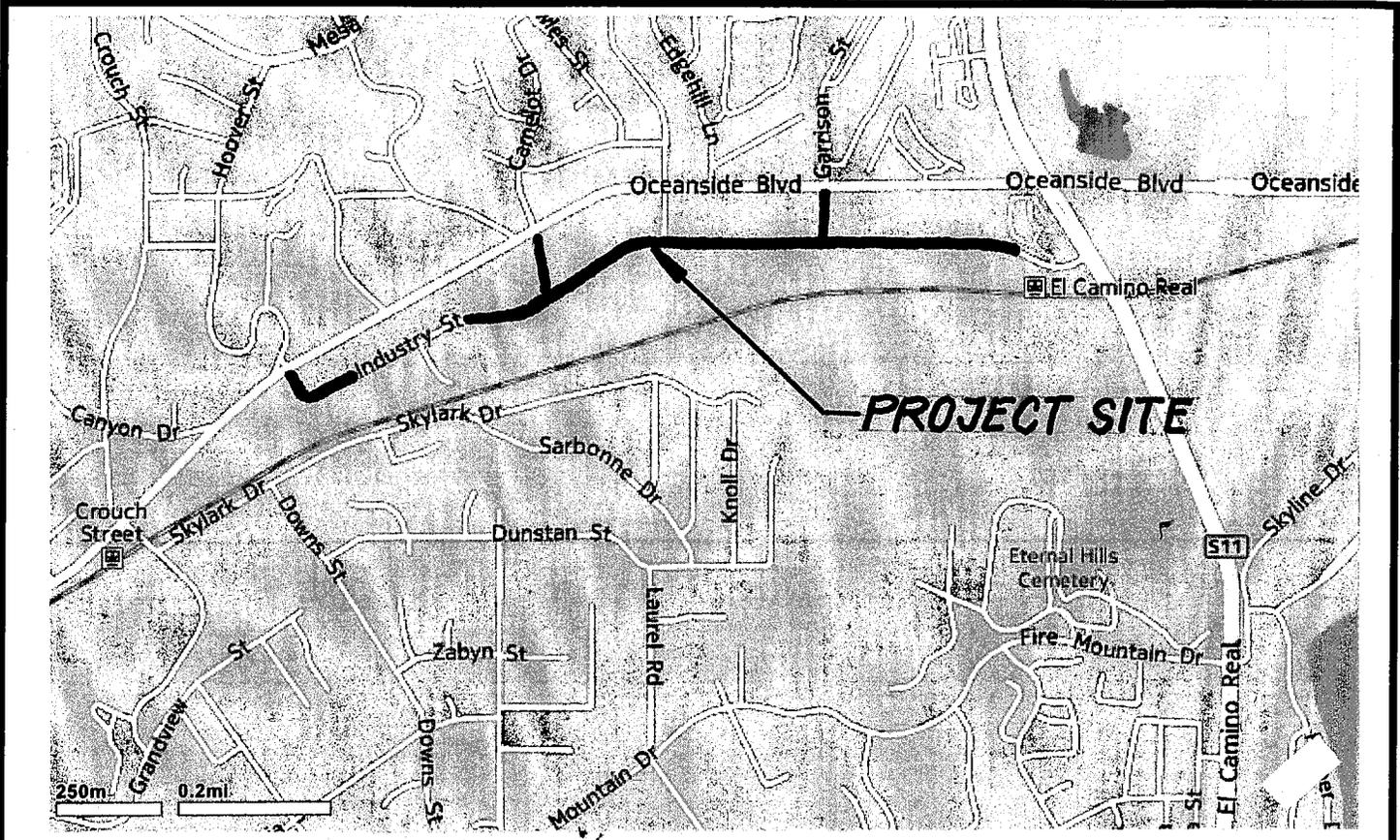
Jane M. McPherson, Interim Financial Services Director











**Industry Street and Oceanside Boulevard
Street Restorations**

**PROJECT #
902754200212**