REPORT TO CITY COUNCIL

DATE: APRIL 25, 2012

TO: HONORABLE MAYOR AND MEMBERS OF THE CITY COUNCIL

FROM: GREG RAMIREZ, CITY MANAGER

BY: RAMIRO ADEVA, PUBLIC WORKS DIRECTOR/CITY ENGINEER

SUBJECT: AUTHORIZATION TO SEEK BIDS FOR FY 2011-12 & FY 2012-13 STREET REHABILITATION PROJECT; NIB 12-01

The Street Rehabilitation Project for FY 2011-12 and FY 2012-13 will provide for the restoration of Reyes Adobe Road, from north of Canwood to Thousand Oaks Boulevard, and Thousand Oaks Boulevard, from Kanan Road to Carell Avenue. In past years, the City has resurfaced several sections of streets, many of which were local or collectors, designed for lower volumes and lower speeds. Two years ago, the City rehabilitated and resurfaced the entire stretch of Thousand Oaks Boulevard, classified as a primary arterial, minus the area east of Kanan, due to heavy equipment loading from construction on Agoura High School's Performing Arts Center. Once again the City will undertake the same method of rehabilitation, used on Thousand Oaks Boulevard, to restore and resurface Reyes Adobe Road, which is also classified as one of the City's primary arterial, providing access to many of the City's residential neighborhoods and designed to move high volumes of traffic at higher speeds. The average pavement age of Reyes Adobe Road is 30 years and it has never been resurfaced.

The list of streets to be paved annually has been composed in accordance with the City's 2008 Pavement Management System (PMS) and is consistent with achieving the City Council's direction to achieve a Pavement Condition Index (PCI) rating of 70 or better for all public streets, within a ten-year period. The majority of Reyes Adobe Road has been identified with a PCI of less than 70.

Given that both Reyes Adobe Road and Thousand Oaks Blvd. consists of pavement that is over 30 years old, never been resurfaced, has a relatively straight alignment and has a thick base, Staff has determined that the street is an optimal candidate for Cold In Place Recycling (CIPR). Use of this technology has been done successfully in the City on Thousand Oaks Boulevard, which is an established technology that processes the existing asphalt pavement, sizes it, mixes in emulsified asphalt, lays it back down and is caped with one lift of Asphalt Rubber Hot Mix (ARHM). CIPR removes off-site hauling and processing, which traditional pavement rehabilitation methods require, thus providing a reduced unit cost. Furthermore, the equipment used for CIPR is one long train, which moves rapidly, and the material is laid down cold, therefore public inconvenience and traffic congestion is decreased.

Staff also considered CIPR to rehabilitate Reyes Adobe Road and the last portion of Thousand Oaks Blvd., because the technology provides the following added benefits, compared to traditional pavement rehabilitation methods (milling and overlay):

- Increased life expectancy with little maintenance over traditional overlay projects
- Improved Pavement and Structural Section Physical Properties
- Energy Conservation in reduced truck traffic
- Reduction in User Delays during Construction
- Preservation and conservation of non-renewable natural resources (existing aggregates)
- Cost Savings over Traditional Mill and Overlay (25-30% less)

CIPR has been approved and in use for over 30 years by many other states and the Federal Highway Administration for pavement restoration. More recently, Caltrans and other local jurisdictions, including the City of Agoura Hills, have approved and started to use CIPR to rehabilitate their highways and roadways. CIPR offers an effective tool to rehabilitate Reyes Adobe Road, which will not only meet the City's PCI rating goal, but also meet the City's goal of reducing energy and environmental impacts.

Although the City will be using CIPR to rehabilitate these streets, a cap of ARHM will be used to finish and complete the project. The use of an ARHM final cap will provide the more flexible, smoother and sound absorbing finish pavement expected through the City's overlay projects.

Staff is requesting authorization to seek bids for the FY 2011-2012 Street Rehabilitation Project; NIB 12-01. Staff expects to return to Council May 23rd for the contract award and to commence construction at the end of June. Construction is anticipated to take approximately six (6) weeks, with no work to be done on holidays.

RECOMMENDATION

Staff respectfully recommends the City Council to authorize staff to seek bids for the FY 2011-12 and FY 2012-13 Street Rehabilitation Project; NIB 12-01.