



COUNTY OF NEVADA
COMMUNITY DEVELOPMENT AGENCY
DEPARTMENT OF PUBLIC WORKS
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File:

NEVADA COUNTY BOARD OF SUPERVISORS
Board Agenda Memo

MEETING DATE: March 22, 2016
TO: Board of Supervisors
FROM: Joshua H. Pack
SUBJECT: **Approval of Contract Amendment No. 1 with Ferguson Family Enterprises dba Gray Electric Company for Maintenance of Traffic Signals and Other Traffic Related Electrical Equipment**

RECOMMENDATION: Approve the attached resolution.

FUNDING: Funding is for Fiscal Year 2015/16 and impacts the Roads Maintenance Budget. There is no impact to the General Fund and no budget amendment is needed.

BACKGROUND:

On July 1st, 2015 the County's Purchasing Agent executed an agreement with Ferguson Family Enterprises dba Gray Electric Company (Gray Electric) for the maintenance of traffic signals and other traffic related electrical equipment for a maximum not to exceed contract amount of \$25,000. This contract covers repairs and replacements for traffic signal equipment, street lights, radar speed signs repairs, and crosswalk warning lighting systems.

The current crosswalk warning lighting system on Pleasant Valley Road at Williams Ranch School has fallen into a state of disrepair, with only 3 of the 12 in-pavement flashing lights currently functional. Providing access from Lake Wildwood to Williams Ranch, this crosswalk experiences frequent pedestrian and bicycle activity across a heavily traveled high speed roadway. Parts for the older in-pavement crosswalk system are no longer available, and the purchase of a new replacement system is cost prohibitive.

Staff is proposing the installation of a Rectangular Rapid Flashing Beacon system as an alternative to in-pavement crosswalk lighting replacement. The new beacons – recently installed on Magnolia Road near Cottage Hill and Magnolia Schools - have similar safety benefits of the previous system at a significantly lower cost to purchase and install. Gray Electric estimates the cost to purchase and install the new system at \$10,000. While the replacement of the existing system falls within Gray Electric's current scope of services, the resulting costs will likely cause the existing contract to exceed the \$25,000 threshold and require the Board of Supervisors approval.

Staff is proposed an increase in the maximum not to exceed contract amount to \$35,000 to provide sufficient funds for potential traffic equipment repairs over the remainder of the fiscal year.

The proposed repair and replacement work on Pleasant Valley Road is anticipated for construction in spring 2016.

Item Initiated by: Joshua H. Pack, Principal Civil Engineer

Approved by: Steve Castleberry, Director of Public Works

Submittal Date: March 2, 2016

Revision Date: