



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Specifications and Authorize Advertisement for Bids for Replacement of Raywood Ash Trees, Phase II Project
MEETING DATE: August 21, 2013
PREPARED BY: Public Works Director

RECOMMENDED ACTION: Approve specifications and authorize advertisement for bids for replacement of Raywood ash trees, phase II project.

BACKGROUND INFORMATION: Trees are a benefit to the urban environment. As a result, the City removes trees only when they become a significant liability to the infrastructure or compromise public safety.

The existing Raywood ash trees (Exhibit A), planted in approximately 1988, have extremely invasive root systems. They have caused extensive damage to the surfaces on both Lower Sacramento Road and the adjacent frontage road and have entered wastewater laterals connecting to a deep wastewater main in Lower Sacramento Road (Exhibit B). Because of the species' invasive nature, Raywood ash is no longer an approved species for City planting.

This project has been discussed at the following Council meetings: June 2, 2010, November 16, 2010 (Shirtsleeve Meeting), and November 17, 2010. On February 16, 2011, City Council approved the plans and specifications and authorized advertisement for bids on phase I removal and replacement of 39 Raywood ash trees on Lower Sacramento Road between Elm Street and Tejon Street described below.

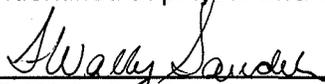
Phase I was completed in September 2012. This included planting alternating trees (Shumard red oak *Quercus shumardii* and Mondell pine *Pinus elliottii*) between the existing Raywood ash trees. The new trees were placed on forty-foot centers, without disturbing the existing trees. Modifications to the existing irrigation system were made. Portions of hedge were trimmed back or removed to give the new trees a chance to become established.

Phase II work will initiate the actual removal of the 39 Raywood ash trees in late 2013. After removal of the trees, their locations would be filled with bush-type fern cloud *Podocarpus gracilior*. This varies from the first proposal which was a tree form and will provide a screening affect of Lower Sacramento Road.

Staff recommends Council approve the specifications and authorize advertisement for bids for phase II removal and replacement of 39 Raywood ash trees on Lower Sacramento Road. Specifications will be on file in the Public Works Department. The planned bid opening date is September 11, 2013. The estimated cost of this project is \$25,000.

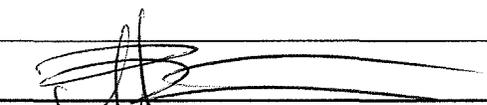
FISCAL IMPACT: Removal will reduce or eliminate future damage to pavement and underground utilities from the invasive roots of these trees.

FUNDING AVAILABLE: Funding will be identified at project award.



F. Wally Sandelin
Public Works Director

Prepared by Kathryn E. Garcia, Compliance Engineer
FWS/KMG/pmf
Attachments
cc: Deputy Public Works Director -- Utilities
Utility Superintendent

APPROVED: 

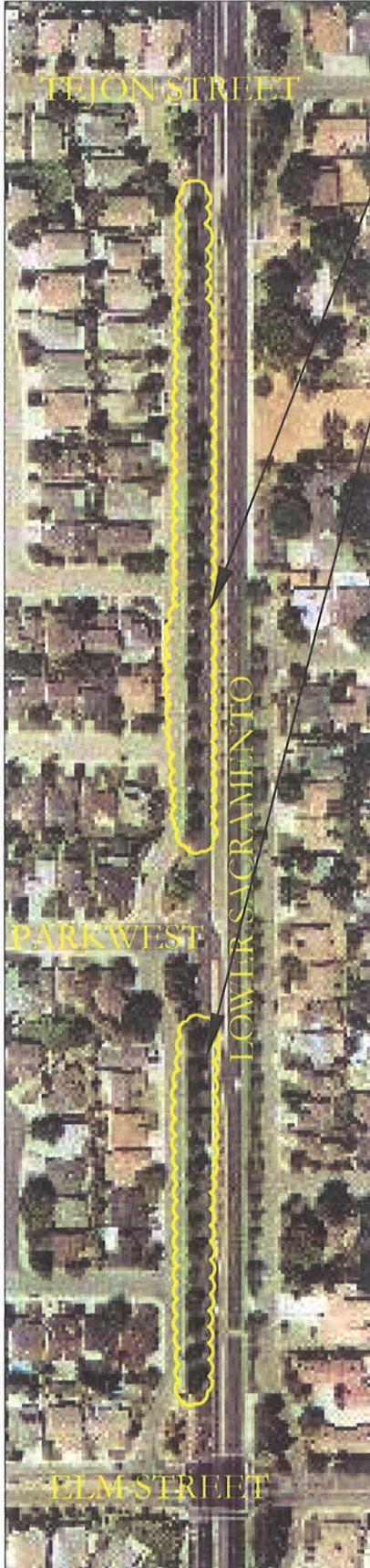
Konradt Bartlam, City Manager



CITY OF LODI

PUBLIC WORKS DEPARTMENT

LOWER SACRAMENTO FRONTAGE ROAD TREE REMOVAL



THIRTY-NINE (39) RAYWOOD ASH TREES TO BE REMOVED

DIAMETER OF TREES TO BE
REMOVED (IN INCHES)

- 13
- 10
- 13
- 10
- 10
- 11
- 10
- 7
- 8
- 19
- 16
- 14
- 13
- 12
- 15
- 14
- 8
- 13
- 11
- 11
- 10
- 14
- 10
- 12
- 16
- 18
- 14
- 12
- 13
- 10
- 14
- 12
- 13
- 18
- 12
- 14
- 15
- 16
- 15



CITY OF LODI

PUBLIC WORKS DEPARTMENT

LOWER SACRAMENTO ROAD RAYWOOD ASH TREES STREET VIEW OF TREES TO BE REMOVED



STREET VIEW OF TREES TO BE REMOVED.

EXHIBIT B



CITY OF LODI

PUBLIC WORKS DEPARTMENT

LOWER SACRAMENTO ROAD RAYWOOD ASH TREES DAMAGE



Damage to street, curb and gutter.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

LOWER SACRAMENTO ROAD RAYWOOD ASH TREES DAMAGE



Damage to street, curb and gutter.