



**Date:** November 12, 2013

**Item No.:** 4

**To:** Lemoore City Council  
City of Lemoore  
119 Fox Street  
Lemoore, CA 93245

**From:** David Jacobs, Assistant City Engineer

**Subject:** Cedar Lane and Larish Street alignments

**cc:** Jeff Laws, City Manager  
Joe Simonson, Director, Parks and Recreation Department  
Ray Greenlee, Parks and Facilities Superintendent  
Harry Tow, City Engineer

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Discussion:

Cedar Lane extension would extend Cedar Lane from Brooks Court to Lemoore Avenue. This extension, along with the Cedar Lane work proposed under the 2013 Resurfacing Project (construction scheduled for May 2014), would connect Cedar Lane between 19½ Avenue and Lemoore Avenue.

In 1963 the City of Lemoore recorded a Precise Right-of-Way Plan for Cedar Lane. The Right-of-Way plan laid out the alignment of Cedar Lane from 19<sup>th</sup> Avenue to Lemoore Avenue. The subdivisions that have since been constructed have followed the Right-of-Way plan, including Champion Estates, which in 1978 dedicated a portion of the Cedar Lane alignment east of Champion Street.

At the September 19 City Council meeting, the Council authorized survey work to be completed on alignment options 2 and 3. Option 1 was eliminated, by the Council, from consideration due to the angled intersection that was created. The Larish Street alignment was also eliminated due to the narrowness of the existing street and right-of-way. At the council meeting Mr. Grantham requested the city look at an alignment that curved up to Larish Street just west of Lemoore Avenue.

Kings County Association of Governments has run the traffic model for Cedar Lane in 2030 with the following results:

PM peak hour – 454 west bound; 377 east bound  
AM peak hour – 407 west bound; 453 east bound  
Daily traffic – 2222 west bound; 2357 east bound

These traffic projects can be handled by a two lane (one lane in each direction) roadway.

The alternatives and their potential impacts are:

Option 2:

This alternative aligns with the existing driveway of the High School parking lot and is perpendicular to Lemoore Avenue. It falls outside the 525-foot Caltrans purview area and goes through a business and 3 houses. Two houses are just west of Lemoore Avenue and the third is located west of Champion Street. The Business fronts on Lemoore Avenue.

Option 3:

This alignment moves Option 2 to the south to avoid the business. This alignment is perpendicular to Lemoore Avenue and is within the Caltrans purview area. It would affect 2 houses: one house west of Champion and one house west of Lemoore Avenue.

Option 3S:

This alignment was suggested by Mr. Grantham at the City Council meeting. The alignment curves up to Larish Street just west of Lemoore Avenue. This option would require the installation of a cul-de-sac on Larish Street. The alignment would affect 1 business, 3 houses and a work shed. The business is located at the intersection of Larish Avenue. Two houses and the work shed are located just west of Lemoore Avenue and the third house is located west of Champion Street.

The impact to existing structures of each option were confirmed with a field survey of the project area.

The Option 3 has been sent to Caltrans to get a preliminary opinion on the requirements they would put on the intersection. I am hoping to have more information from Caltrans prior to the Council meeting.

Recommendations:

Move forward with Option 3 if Caltrans does not require a median island in Lemoore Avenue.