

**TOWN OF PRESCOTT VALLEY  
REQUEST FOR COUNCIL ACTION  
Date: April 17, 2014**

**SUBJECT:** Traffic Signal Timing Update

**SUBMITTING DEPARTMENT:** Public Works

**PREPARED BY:** Norm Davis – Public Works Director

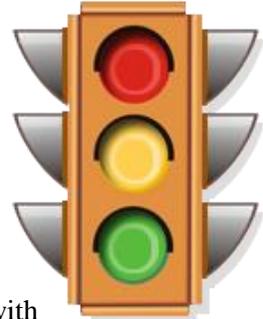
**AGENDA LOCATION:** Comments/Communications , Consent , Work/Study ,  
New Business , Public Hearing , Second Reading

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**ATTACHMENTS:** N/A

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**SUMMARY BACKGROUND:** The Public Works Department operates and maintains 21 traffic signals for safe and efficient traffic mobility. Lee Engineering has recently completed a focused traffic signal timing study to include both recent traffic count data and field observation of traffic turning movements at intersections. Field data collected was added to traffic engineering computer software to update the signal timing model for Prescott Valley’s significant roadway corridors. Traffic signal timing updates were uploaded to signals in late March.



Traffic signal operational cost efficiencies are completed with greater ease with technological advancements that have been installed in existing signals over the years to include LED bulbs, battery backups for power outages, GPS timing clocks, and signal timing controller interface via laptop computer. Streets Department staff is able to link a laptop computer directly to the signal controller in the field to download updated traffic timing data to fine tune signal timing for best condition for traffic mobility. The use of new technology not only saves operational costs but also maximizes traffic mobility.

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**OPTION ANALYSIS:** For Discussion Only.

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**ACTION OPTION:** For Discussion Only.

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**RECOMMENDATION:** For Discussion Only.

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**FISCAL ANALYSIS:** N/A

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**REVIEWED BY:**

Management Services Director \_\_\_\_\_

Town Clerk \_\_\_\_\_

Town Attorney \_\_\_\_\_

Town Manager \_\_\_\_\_

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**COUNCIL ACTION:**

Approved    Denied    Tabled/Deferred    Assigned to \_\_\_\_\_