

# VAST: Orchards Traffic Signal Optimization (TSO)

## Clark County

Project Completed: April 2018

CRP #332822

### Project Information

RTC funding: \$3,457,000 CMAQ Program

Total Project Cost: \$4,717,200

Project Type: ITS

Project Length: 11.75 miles

Function Class: Various

Daily Traffic Volume: various ADT



### Project Description

This was a joint project between Clark County and WSDOT to modernize, upgrade and interconnect traffic signals in the Orchards area of east Clark County. Repaired and upgraded traffic detection for vehicles and bicycles. Added video cameras and permanent count stations at key locations and connected signals to the central county monitoring center.

### Project Benefits

- Pre-defined rules and automated systems provide quicker adjustments to traffic signals, reducing delay.
- Creates a publicly-available web page with regularly updated travel time and congestion information.
- Integrates WSDOT cameras with the county system for a regional view of traffic movement.

### Project Funding

Phase	Year	Federal Funds	Other Funds	Total
Design	2014	\$257,000	\$0	\$257,000
Right of Way	2-15	\$0	\$72,000	\$72,000
Construction	2017	\$3,200,000	\$1,188,000	\$4,388,000
Total		\$3,457,000	\$1,260,000	\$4,717,000

### Project Map

