

Regional Adaptive Signal Control Technology



CYMPO
Central Yavapai Metropolitan
Planning Organization

From:
**Intelligent Transportation Systems
State of the System**

Prepared by:

BURGESS & NIPLE



24 Signals

SR 69 between
SR 89 and Fain
Rd

Owned and operated
by ADOT*

- Sheldon Street (Traffic Signal owned and operated by City of Prescott)*
- Heather Heights
- Unnamed entrance to Frontier Village Shopping Plaza near Einstein Bros
- Yavpe Connector
- Holiday Drive
- Prescott Lakes Parkway
- Gateway Road
- Lee Boulevard
- Walker Road
- Sunrise Boulevard/Old Black Canyon Highway
- Robin Drive
- Ramada Drive
- Diamond Drive
- Sundog Ranch Road
- Stoneridge Drive
- Prescott E Highway
- Glassford Hill Road
- Lake Valley Road
- Windsong Drive
- Robert Road
- Navajo Drive
- Mendecino Drive (construction anticipated 2022)
- Enterprise Parkway
- Fain Road

10 Signals

Glassford Hill Rd between SR69 and SR89A

Owned and operated by City of Prescott Valley*

State Route 69 (Traffic Signals at SR 69 and SR 89A owned and operated by ADOT)*

Centre Court

Florentine Road

Veterans Way, Previously NAZ Suns Way

Lakeshore Drive

Long Look Drive

Spouse Drive

Santa Fe Loop Road

Granville Parkway North/Tuscany Way

State Route 89A (Traffic Signals at SR 69 and SR 89A owned and operated by ADOT)*

23 Signals

Willow Creek
Rd/Miller Valley
Rd/Grove Ave
between Gurly St
and Deep Well
Ranch Roundabout

Owned and operated by City of
Prescott *

Gurley Street

Sheldon Street

Schemmer Drive

Fair Street/Hillside Avenue

Iron Springs Road/Whipple Street

Ainsworth Drive

Black Drive

Gail Gardner Way/Prescott Heights Drive

Rosser Street

Green Lane/Pulliam Drive

Country Park Drive/Pennie Ann Drive

Nicholet Trail/Smoke Tree Lane

Crossings Drive/College Heights Road

Montana Drive

Willow Lake Road

Sandretto Drive

Commerce Drive

Unnamed entrance to Tractor Supply Co and Prescott Honda

Dan Carrell Drive/Heritage Park Road

Haas Boulevard/Whispering Rock Development

Pioneer Parkway (Traffic Signal owned by Yavapai County)*

Warrior Way (Deep Well Ranch Master Plan Area)(under construction)

Lone Elk Trail (Deep Well Ranch Master Plan Area) (under construction)



- SR 69 was studied from Gurley St/Sheldon St to Fain Rd
- SR 69 signals are currently connected to ADOT's central management system. (Except Gurley St/Sheldon St, Enterprise Pkwy, and Fain Rd)
- SR 69 coordination plan was recently updated (2-3 years ago)
- SR 69 signals all have radar detection that includes advance detection.
- SR 69 cabinets are all up to current standards for technology.
- SR 69 signals are traffic actuated, and are coordinated by time of day plans.
- Timing favors NB traffic in morning, SB traffic in afternoon.
- Traffic is predictable enough and consistent day to day, that current time of day plans operate at acceptable level of service.
- Any adjustments for short-term conditions can be implemented locally and remotely.
- Benefit for adjustments by ASCT would be minor for the cost to implement.