

# County El Dorado Department of Transportation

Community Development Services



## Apple Farms Traffic Implementation Pilot Project

# Apple Farms Circulation Objectives

- **Provide Emergency Vehicle Access**
- **Provide Ingress and Egress for Residents**
- **Reduce Congestion and Delay**
- **Improve Experience for Visitor**

# Apple Farms Circulation Objectives

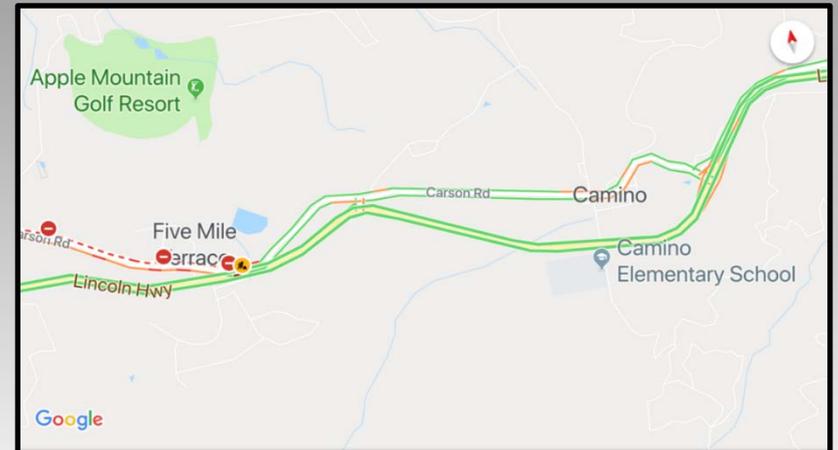
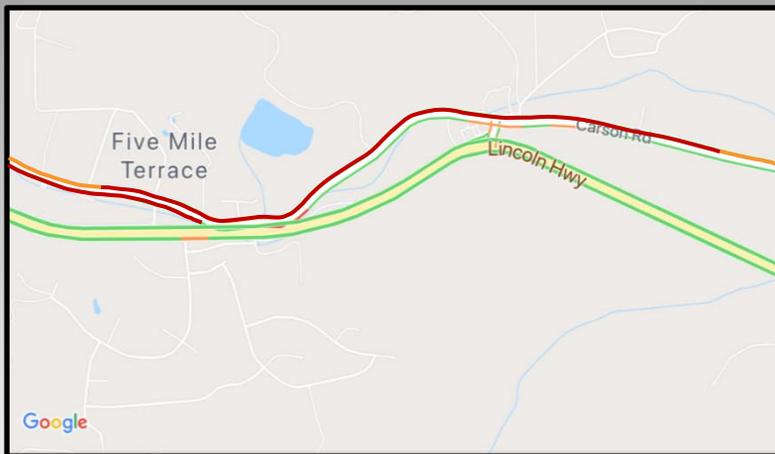
- **Provide Emergency Vehicle Access**
  - 4 Events during Pilot
  - 6 minute response time
  - 30 minutes or longer without Pilot
  - October is the height of the fire season

# Apple Farms Circulation Objectives

- **Provide Ingress and Egress for Residents**
  - Carson Road free and clear east of Gatlin
  - Improved access west of Gatlin
  - Entrance off of 5 Mile Road
  - Residents got to ride shuttle

# Apple Farms Circulation Objectives

- Reduce Congestion and Delay
  - Delay Before Pilot
    - Saturday 21<sup>st</sup> 2017 ~ 1pm
    - 45 min in Westbound
  - Delay During Pilot
    - Saturday 20<sup>th</sup> 2018 ~ 2pm
    - 5 min in Westbound



# Apple Farms Circulation Objectives

- **Improve Experience for Visitors**
  - Alternatives
  - Scalable System Capable of growth
  - Room for improvement
  - Low impact to existing infrastructure

# Apple Farms Pilot Numbers

- **Number of Visitors**
  - 3,000 boarding's per day
  - 1,400 passengers per day (8,500 in 3 weekends)
- **Number of Vehicles**
  - 400 passenger cars per day (3,200 cars total)
  - Parking Lot full every weekend
- **Survey Monkey Results**
  - Over 20 positive patron and residents
  - Over 30 negative reviews no residents
  - **Survey Monkey Results**
    - 13 positive reviews

# Apple Farms Pilot Final Costs

- The total cost of the project was \$337,679
- Transit Costs - \$101,199 (including additional buses)
- Traffic Control, CHP and Drone - \$218,480
- County Soft Costs (staff and admin) - \$18,000
- \$75,000 AQMD Grant (for Transit)
- \$180,000 CMAQ
- \$30,000 SACOG Grant
- \$66,000 County Economic Development fund

# Apple Farms Circulation



# Apple Farms Pilot Adjustments

- **Additional Shuttles**
  - Originally estimated 4 shuttles
  - Used 6 shuttles day one
  - Utilized 7 shuttles
  - Additional visitor facilities
- **Additional Enforcement**
  - Anticipated 6 CHP officers
  - Utilized 7 officers
- **Additional Flagmen and Traffic Control**
  - Heavy pedestrian volumes at ranches

# What's Next for Apple Hill

- **Conversation with Growers**
  - First Meeting December 10th
- **No Available Grants Next Year**
  - County Responsibility
  - Caltrans Responsibility
- **Rancher Responsibility**
  - Heavy pedestrian volumes at ranches
- **Camino Ag/Tourist Assessment**