





# Fire Service in Growth Areas

A photograph of a yellow and white fire truck, viewed from a low angle. The truck has 'GOODYEAR' and 'PARAMEDIC' written on its side. The entire image is covered with a semi-transparent orange filter. The word 'Purpose' is written in white, sans-serif font across the center of the image.

# Purpose

# Agenda



- Fire Service in Growth Areas of Goodyear
  - Triggers and Thresholds
  - Fire Service Delivery
  - Current CIP Funding
  - Recommended next steps
  - Questions and discussion



# Triggers and Thresholds

A photograph of a yellow and white fire truck, viewed from the side. The truck has 'GOODYEAR' and 'PARAMEDIC' written on its side. The image is overlaid with a semi-transparent orange filter. The title 'Triggers and Thresholds' is written in white text across the center of the image.

# Triggers and Thresholds



## FOR FIRE STATION CONSTRUCTION (2014)

- If total response time is greater than 8 minutes, 30% of the time AND
- The proposed (residential) development is greater than 6 miles away from a current station AND
- 500 calls for service annually in the area.

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# Fire Service Delivery

# Fire Service Delivery in Growth Areas



## AGENDA

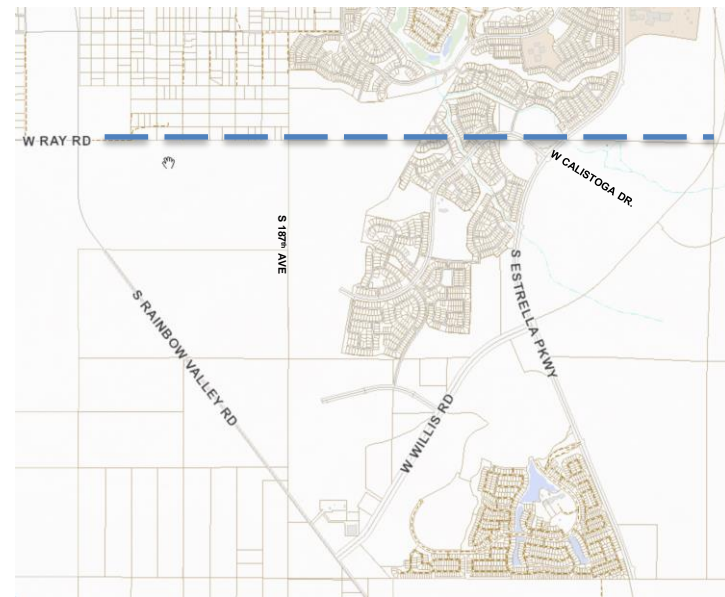
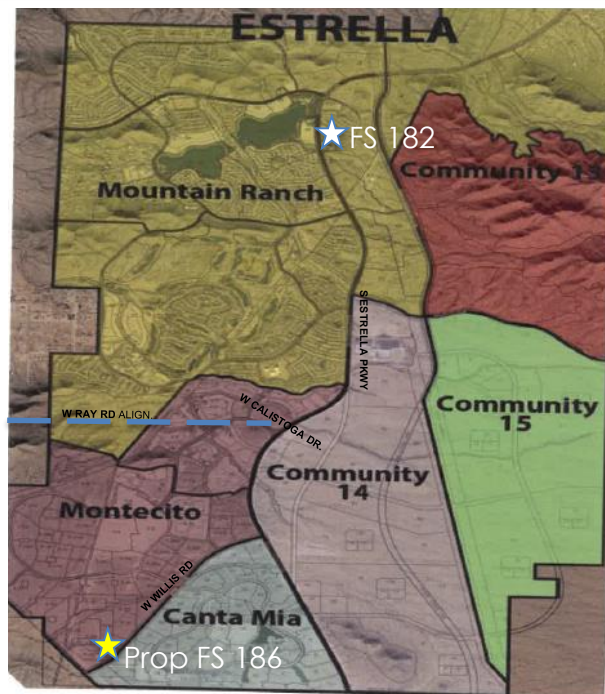
- Estrella
- West Goodyear
- Recommendations
- Questions and discussion



# Overview



## THE ESTRELLA COMMUNITY



# Fire Service



## IN ESTRELLA

- In the mid-1990s the Goodyear Fire Department provided fire and emergency services to Estrella from a temporary awning.
  - There was a single fire engine on site that was manned by volunteers.
- To better meet the demands for service in the area a permanent Fire Station 182, was constructed in 2002- 2003.

# Fire Service Delivery



## BY FIRE STATION 182 IN ESTRELLA

- E182 responded to 756 incidents in CY2015
- Average response time was 06:42

# Fire Service Delivery



## ESTRELLA - SOUTH OF THE RAY RD. ALIGNMENT/CALISTOGA DR.

- Average response time is 08:19, 58% of calls more than 8 min.
- Area is 4.0 - 5.1 miles from the current station.
- 147 Calls annually
  - Call volume increased by 34% from CY 2014 to 2015, 24% average over last 5 years.
- Only one trigger met, response times.

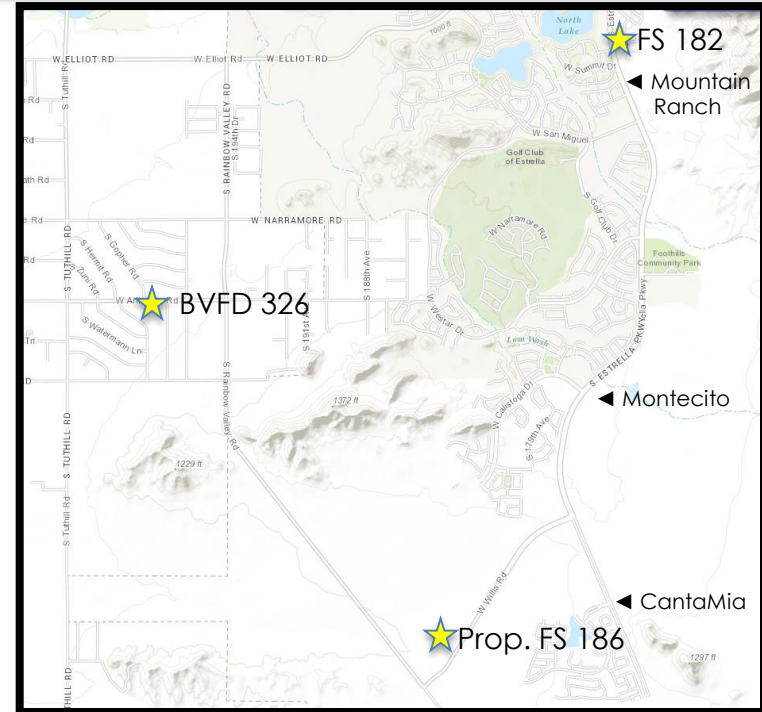




# Fire Service Delivery

# BY BUCKEYE VALLEY FIRE DISTRICT TO GOODYEAR

- E326 (BVFD) responded to 24 calls within Goodyear
  - (from Arlington Rd. and Rainbow Valley Rd.)
- Response time was 09:58

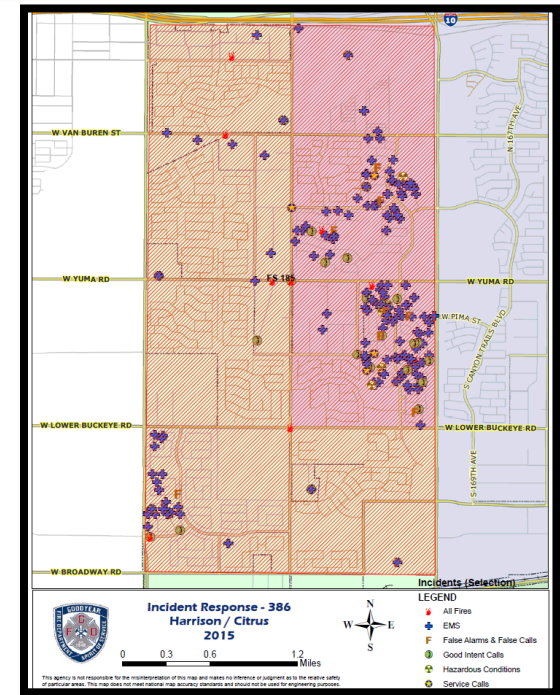


# Fire Service Delivery



## WEST GOODYEAR

- Average response time by Engine 184 to this area is 6:53, 13% of calls more than 8 min.
- Area is between 2.0 and 4.9 miles from the nearest station (FS 184)
- 386 calls annually in CY2015
  - 43% increase in past calendar year
- Currently, no triggers met.



# Current Fire Response



## GOODYEAR FIRE STATIONS

| Station                             | Total Number of Calls CY15 | Average Calls Per Day CY15 | Average Response Time CY15 |
|-------------------------------------|----------------------------|----------------------------|----------------------------|
| FS 181<br>(Yuma/Camino Oro)         | 2,475                      | 6.78                       | 05:28                      |
| FS 182<br>(Estrella Mtn. Ranch)     | 756                        | 2.07                       | 06:42                      |
| FS 183<br>(Goodyear Community Park) | 2,025                      | 5.55                       | 05:50                      |
| FS 184<br>(Yuma/Village)            | 2,026                      | 5.55                       | 05:53                      |
| FS 185<br>(PebbleCreek)             | 1,503                      | 4.12                       | 06:07                      |
| FS 187<br>(Mobile)                  | 45                         | 0.12                       | 09:39                      |

A photograph of a yellow and white fire truck, viewed from the front quarter angle. The truck has 'GOODYEAR' written on the side in a curved font and 'PARAMEDIC' written below it. The number '383' is visible on the front bumper. The entire image is overlaid with a semi-transparent orange filter. The title 'Station Costs and CIP Funding' is centered in white text.

# Station Costs and CIP Funding



# Fire Station Costs



## PROJECTED COSTS IN 2016 DOLLARS

| Station Type              | Station                              | Apparatus + FFE  | Total One-Time Costs             | On-Going Personnel Costs                | On-Going O+M Costs |
|---------------------------|--------------------------------------|--|----------------------------------|---|--------------------|
| Permanent Command Station | \$4,600,000                          | \$750,000 (Engine)<br>\$92,000 (BC)<br>Or<br>\$250,000 (Brush Truck) | \$5,350,000<br>Or<br>\$4,850,000 | \$2,200,000 (4)<br>Or<br>\$ 700,000 (2) | \$232,000          |
| Permanent Station         | \$4,600,000                          | \$750,000 (Engine)<br>Or<br>\$250,000 (Brush Truck)                  | \$5,350,000<br>Or<br>\$4,850,000 | \$1,800,000 (4)<br>Or<br>\$ 700,000 (2) | \$232,000          |
| Temporary Station         | \$940,000<br>*Cannot use impact fees | \$750,000 (Engine)<br>Or<br>\$250,000 (Brush Truck)                  | \$1,690,000<br>Or<br>\$1,190,000 | \$1,800,000 (4)<br>Or<br>\$ 700,000 (2) | \$85,000           |

# Capital Improvement Plan (CIP)



## FIRE PROJECTS

| Project                                    | FY22        | FY23        | FY24      | FY25 |
|--|-------------|-------------|-----------|------|
| Fire Station Harrison and Citrus           | \$4,020,000 |             |           |      |
| Fire Station Willis and Rainbow Valley Rd. | \$3,000,000 | \$1,020,000 |           |      |
| Fire Apparatus                             |             | \$820,500   | \$820,500 |      |



# Fire Capital Funds on Hand

JANUARY 2016

| Type                   | Description       | Amount      | Area          |
|------------------------|-------------------|-------------|---------------|
| Impact Fee             | 2012 Fee          | \$1,340,000 | Either        |
| Impact Fee             | North and Central | \$400,000   | West Goodyear |
| Impact Fee             | South             | \$210,000   | Estrella      |
| Developer Contribution | Agreement         | \$660,000   | Estrella      |

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# Recommended Next Steps



# Findings and Next Steps



- New Fire Station location study (entire City).
- No growth area currently meets all three triggers.
- Staff recommends continuing to monitor fire response and triggers as growth continues to occur.

# Questions and Discussion

