



# Washoe Valley Consolidated Station

Chris Ketring, Deputy Chief

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# Proposed Station Overview



## Building and Location

- 340 US Highway 395 S, New Washoe City, NV 89704
- Block construction 75-to-100-year building
- 11,000 square feet
- Living quarters for 8 personnel
- 3 apparatus bays

## Cost

- Land purchase price \$475,000 (in 2020)
- Projected construction cost \$16 million (In 2025)
- Projected site adaptation cost: \$1.2 (in 2025)



# Fire Districts Servicing Washoe Valley



## Prior to 2006

- Sierra Forest Fire Protection District (Administered by the Nevada Division of Forestry - Serviced the West Side of the valley.
- Truckee Meadows Fire Protection District (TMFPD) - Serviced the East side of the valley (since 1972).

## 2006-2012

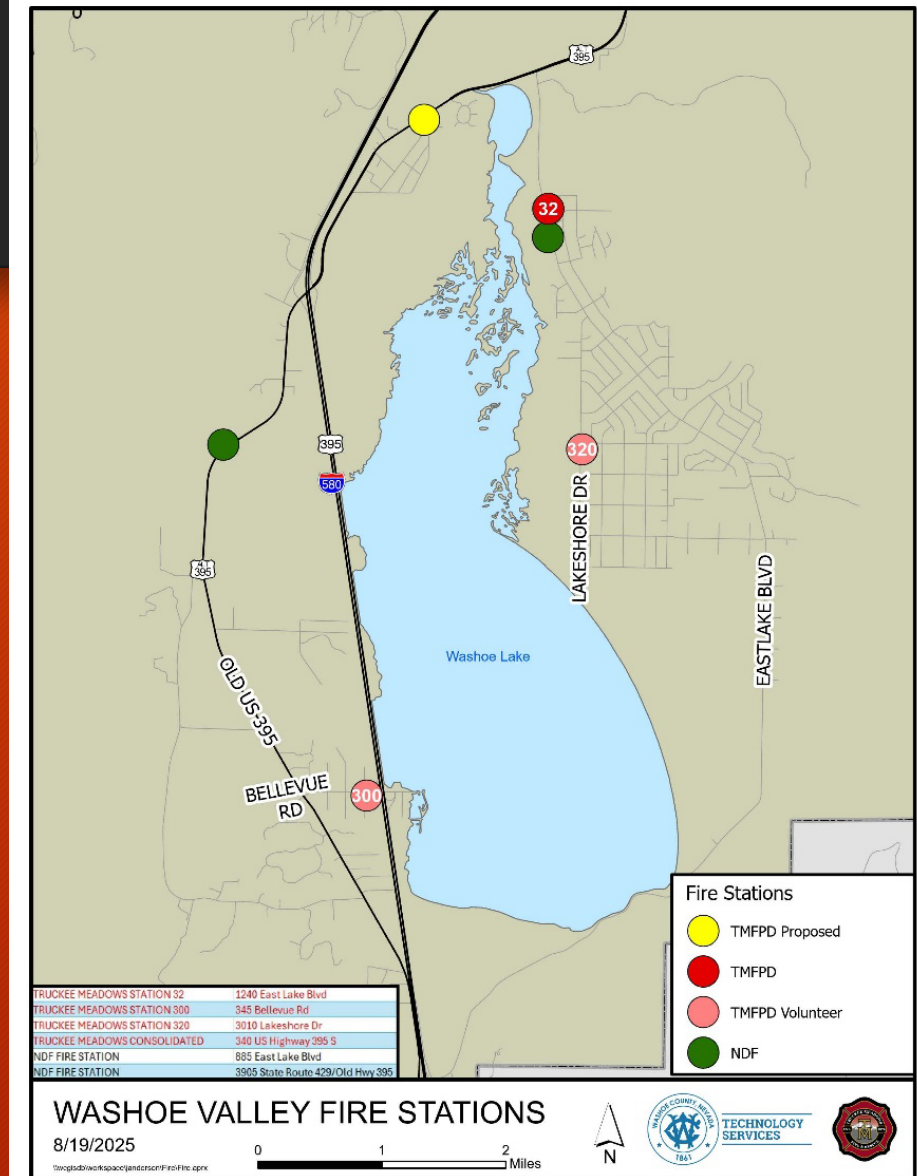
- Sierra Fire Protection District (SFPD) - Serviced the west side of the valley.
- Truckee Meadows Fire Protection District (TMFPD) - Serviced the East side of the valley.

## 2014

- After SFPD merged with TMFPD Washoe Valley was still served by two stations under one entity - TMFPD.

# Current Stations in the Washoe Valley

1. TMFPD Station 32 - Located on Eastlake Blvd
2. TMFPD Volunteer Fire Station - located on Lakeshore (East side)
3. TMFPD Volunteer Fire Station - located on Bellevue (Southwest Side)
4. Nevada Division of Forestry (NDF) Station - located on Eastlake Blvd
5. NDF Station - located on Old Hwy 395 (old TMFPD Station 30)



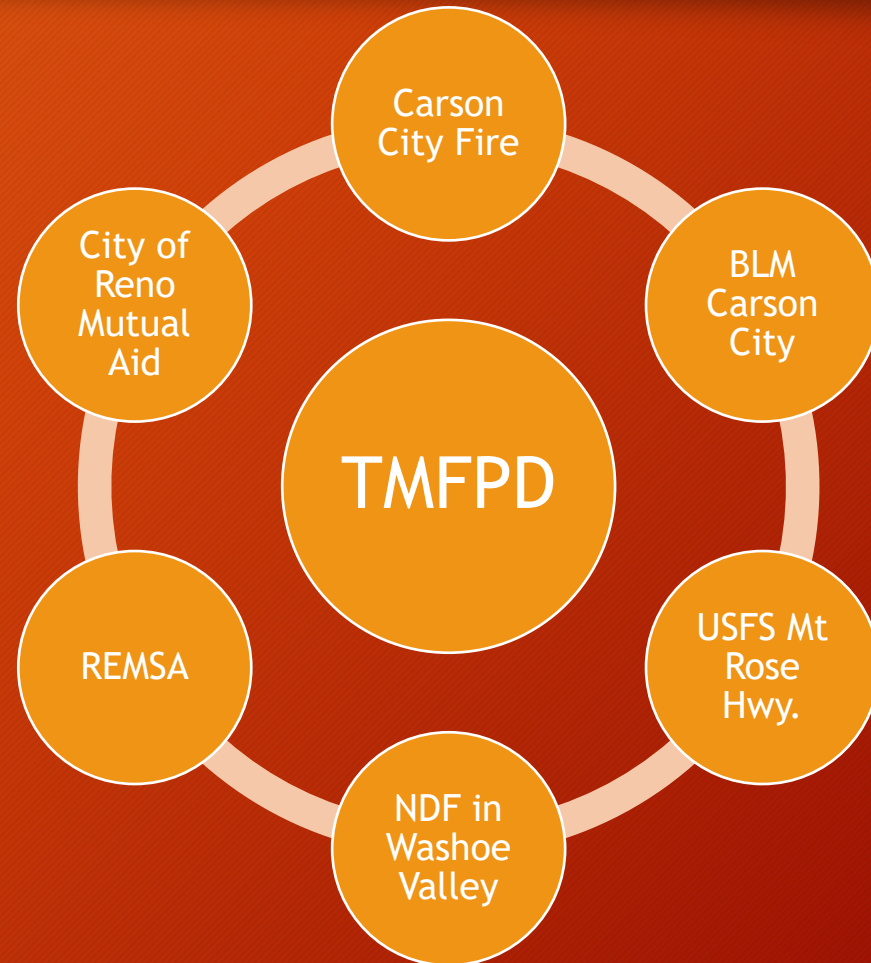


# Neighboring Automatic & Mutual Aid Resources

Automatic Aid Resources

and

Mutual Aid Resources



# Washoe Valley Population & Demographics

## District 30

- Population - 2757
- Square Miles - 55
- Building Count - 548
  - Residential - 486
  - Commercial - 62

## District 32

- Population - 4546
- Square Miles - 56
- Building Count - 2161
  - Residential - 2073
  - Commercial - 88



# Washoe County Regional Fire Services Standards of Cover



## Service Delivery Response Zones and Definitions

- Urban - Population of over 30,000 people and/or a population density over 2,000 people.
- Suburban - Population of 10,000 to 29,999 and or a population density between 1,000 to 2,000 people per square mile.
- Rural - Population less than 10,000 people or a population density less than 1,000 people per square mile.
- Frontier - Areas not readily accessible by a publicly or privately maintained road is considered a best effort response zone.

# Washoe County Regional Fire Services Standards of Cover

## Service Delivery Response Performance Objectives

- Urban - First arriving unit arrives within 8 minutes, 85 percent of the time.
- Suburban - First arriving unit arrives within 10 minutes, 85 percent of the time.
- Rural - First arriving unit arrives within 20 minutes, 85 percent of the time.
- Frontier - First arriving unit arrives as soon as practical on best effort response forces.



# EMS Response Zone Classifications

## The REMSA franchise agreement outlines the response zones

- Zone A - 90% of all presumptively defined life-threatening priority 1 calls have a response time of 8 minutes 59 seconds or less.
- Zone B - 90% of all presumptively defined life-threatening priority 1 calls have a response time of 15 minutes 59 seconds or less.
- Zone C - 90% of all presumptively defined life-threatening priority 1 calls have a response time of 20 minutes 59 seconds or less.
- Zone D - 90% of all presumptively defined life-threatening priority 1 calls have a response time of 30 minutes and 59 seconds or less.
- Zone E - Response areas are considered Frontier and best effort response.

# Washoe Valley Response Zone Classifications

## TMFPD - Response Objectives

- Rural - First arriving unit arrives within 20 minutes, 85 percent of the time.

## REMSA - Medical Response Objectives

- Class Zone C for medical response per REMSA Health Franchise Agreement.
  - Zone C is a 20-minute 59-second response for Priority 1 calls 90% of the time.



# Washoe Valley Call Volume

## June 2014 - June 2015 Average Call Volume

- District 30 - .46 calls per day
- District 32 - 1.08 calls per day

## June 2024 - June 2025 Average Call Volume

- District 30 - .75 calls per day
- District 32 - 1.4 calls per day

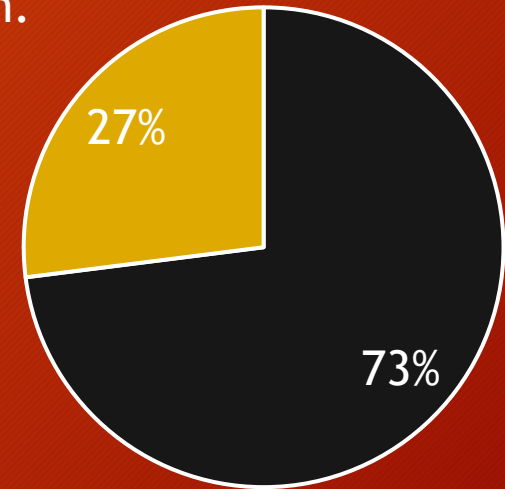
# 2019 TMFPD Deployment Plan

## Plan Findings

- 73% of the call volume within the district was within the North Battalion.
- 27% of the responses were within the South Battalion.

## Plan Recommendation

- The consolidation of station 30 and station 32.
- Redeployment of additional resources to the North Battalion.



■ North Battalion  
■ South Battalion



# Financing/Funding Options Explored

The District researched and/or reached out to the following for funding/financing

- United States Department of Agriculture (USDA) with a long-term 40-year loan.
- District Bond consultant found private lenders would bond the district for a 25-year term.
- We evaluated blending market lending between the private lender and USDA.
- The District evaluated a more cost-effective station design.
- State Infrastructure Bank (SIB).
- Submitted a request to receive a portion of the leftover ARPA funding for constructing the consolidated station.
- Contacted the Porter Group to assist with federal grants or monies available to fund the consolidated Station.

# Continuing Challenges

- Construction costs continue to increase.
  - \$7.5 Million in 2022 compared to \$16 million in today's market.
- Increased interest rates.
- Declining CTAX revenues.
- Revenues from property tax growth are consistent with inflation rates.
- Inability to obtain funding utilizing loans greater than 25 years.



# Interim Alternatives Considered

- Alternative design and construction materials/methods for lower construction cost.
- Temporary modular and apparatus bay until funding becomes available and construction of the consolidated station on the site.
- Utilizing VFD Station 301 on Bellevue Rd as a temporary career station until construction of the consolidated station.
- Redeployment of TMFPD Wildland Crews to VFD Station 301.

# Bellevue Station Estimated Cost Ranges

- Option 1 - \$2,623,500 million
  - Purchase land and all the commercial property requirements.
- Option 2 - \$1,084,850
  - Land lease and non-commercial property requirements.

Each option would also have an additional \$2.5 million annual operating cost.



# Next Steps

- Continue to search for and obtain funding sources, including joint partnerships with public, private, local, and federal departments and agencies.
- Identify the feasibility of cost reduction through alternative design and materials.
- Continue to fund the District's Capital Fund to include funding for the construction of the consolidated station.
- Provide regular updates to the Board of Fire Commissioners as appropriate under the Chief's Report, as well as the South Valleys Citizen Advisory Board.

Funding under the current budgetary constraints is the biggest challenge for this project.