

Chandler Fire Station Development Plan

Quality of Life Subcommittee Meeting
February 10, 2023



Fire Station 282

- Approved by voters in the 2021 Bond Election.
- Total project cost is \$12,000,000
- Project includes bringing adjacent basin to current standards.
- Project is on schedule with a certificate of occupancy projected in October of 2023.
- Once completed, a redeployment of resources and staff will occur.



Fire Station 284

A 2018 facility condition assessment conducted by Faithful & Gould identified a need for \$1.1 million in repairs. Regular maintenance and condition evaluation are ongoing.

The Fire Station 4 project was recommended for reconstruction by the Public Safety Bond Subcommittee and approved by voters in the 2021 bond election.

Fire Station 4 was built in 1986 and is the only station remaining that does not have separate sleeping quarters for men and women.

The new station will include current design practices to reduce carcinogen exposure to firefighters.

Station design is funded for \$680,000 in FY 2028-29, and construction is funded for \$8,787,000 in FY 2029-30.

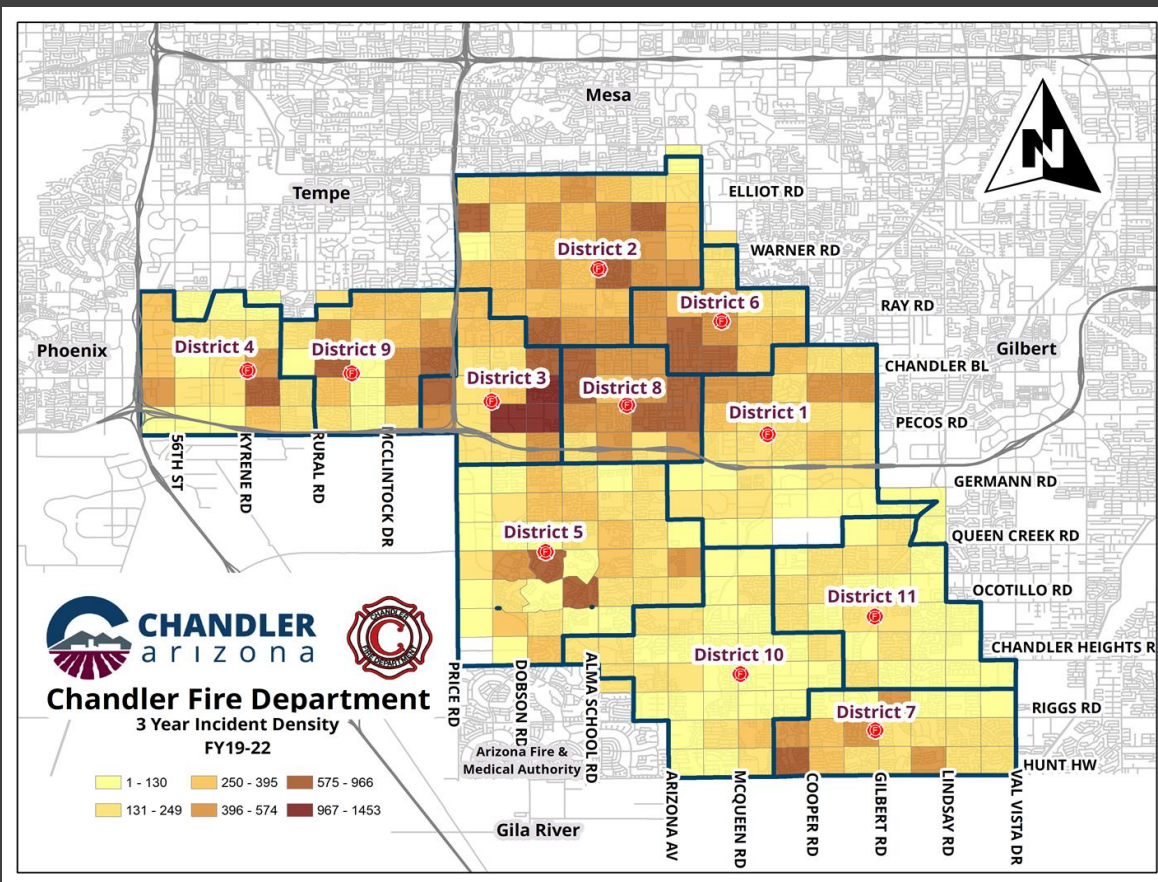
Fire Station 2812

Fire Station 2812 is in the earliest phase of planning.

Chandler Fire Department (CFD) has been assessing building development, call volume growth, response times, and other factors that impact emergency response.

CFD staff identified a desired area of the City to build Fire Station 2812, with a general location of Arizona Avenue and Queen Creek Road.

CFD and the Public Works and Utilities staff identified a potential location for Fire Station 2812 on unused City property located on Queen Creek Road between McQueen Road and Arizona Avenue.



District	FY 2019-20	FY 2020-21	FY 2021-22	Grand Total	Growth
<i>*Station 281</i>	2,114	2,301	2,297	6,712	8.0%
<i>*Station 2810</i>	1,294	1,256	1,439	3,989	10.1%
<i>*Station 2811</i>	1,033	1,070	1,262	3,365	18.1%
Station 282	4,522	4,443	4,747	13,712	4.7%
Station 283	2,987	2,774	3,217	8,978	7.1%
Station 284	1,566	1,707	1,890	5,163	17.1%
<i>*Station 285</i>	2,611	2,764	2,937	8,312	11.1%
Station 286	2,063	2,127	2,195	6,385	6.0%
<i>*Station 287</i>	1,474	1,679	1,879	5,032	21.6%
Station 288	2,787	2,649	2,649	8,085	-5.2%
Station 289	2,072	2,046	2,224	6,342	6.8%

**Station directly impacted by Fire Station 2812*

Call Volume Growth

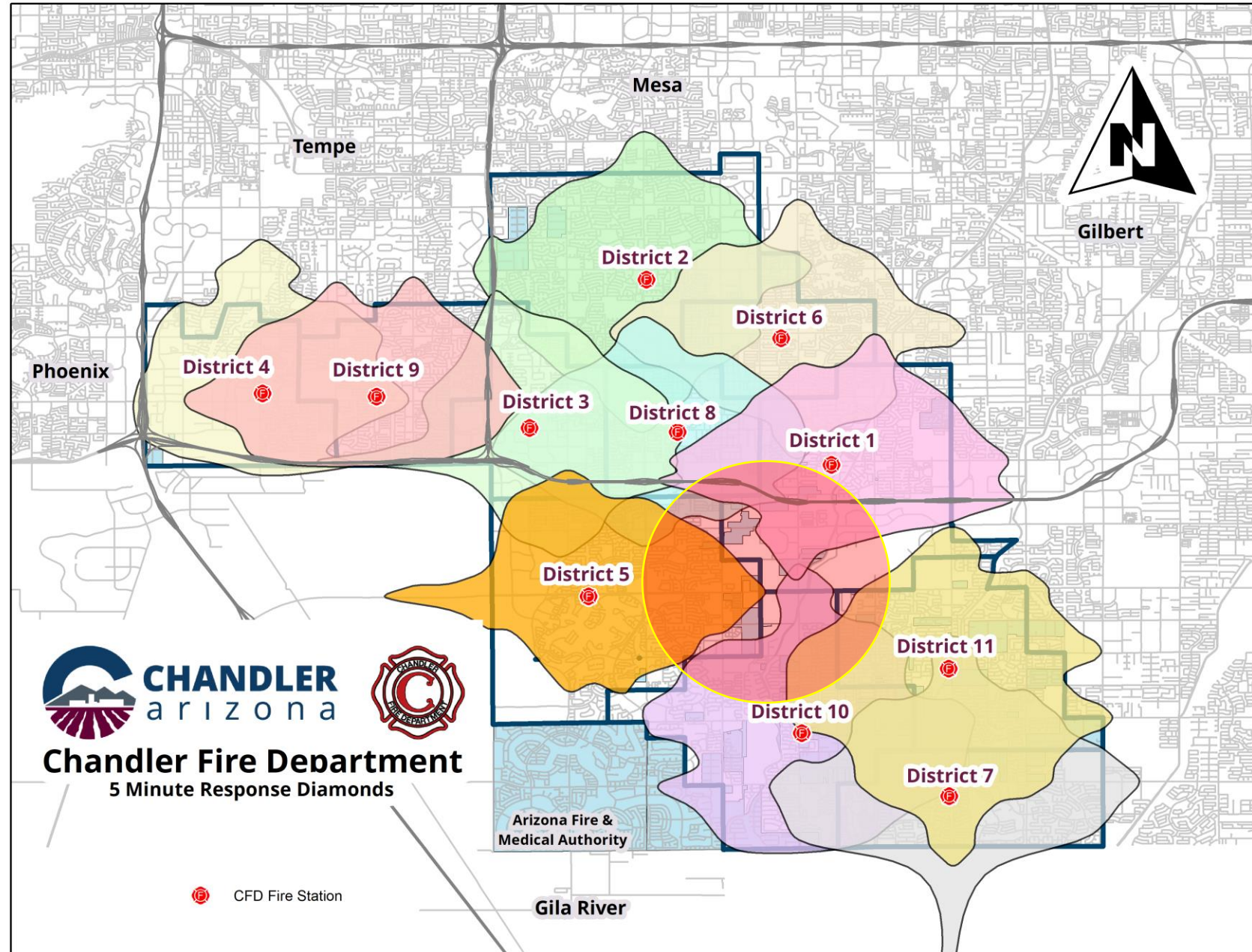
FY 2019-20 – FY 2021-22



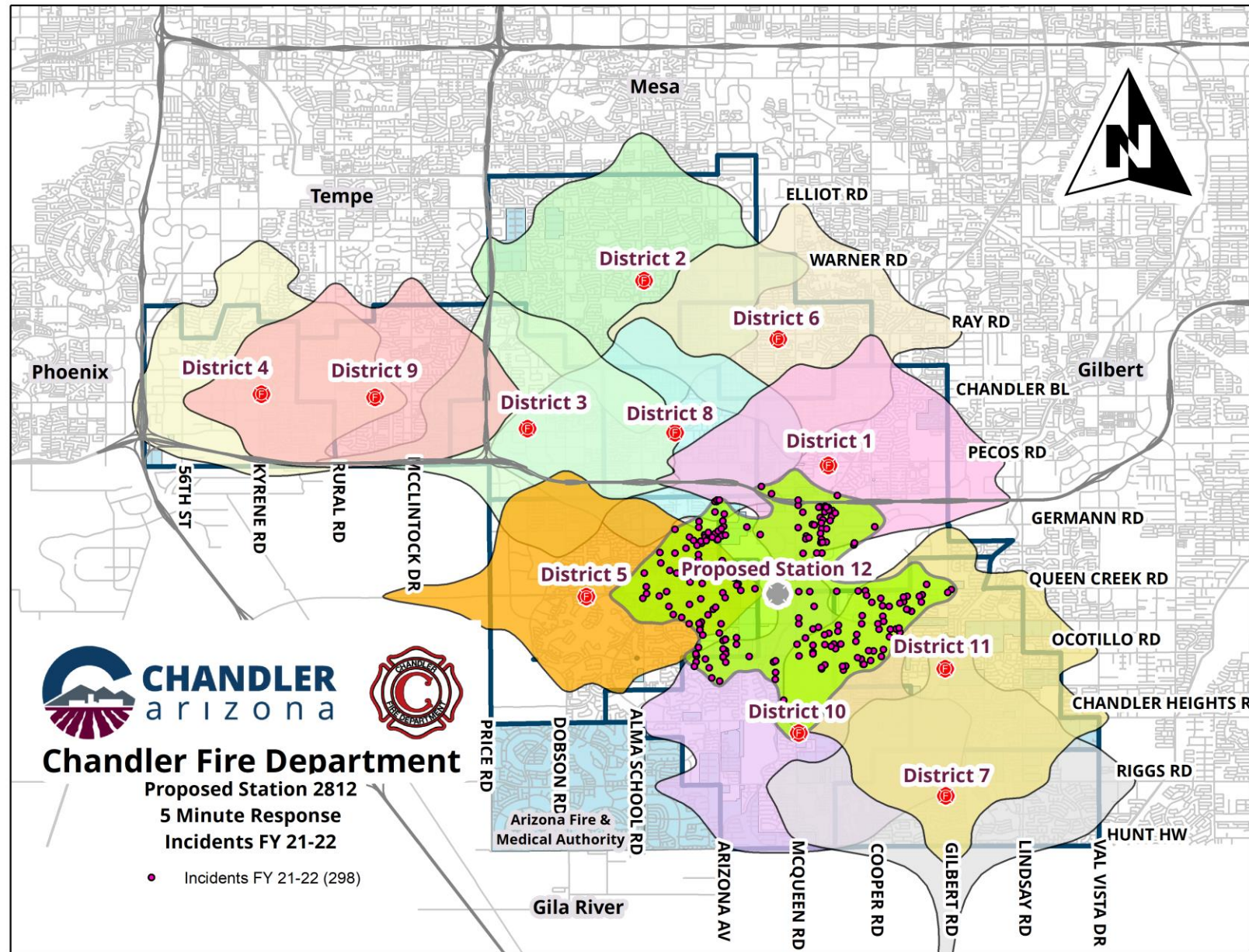
Response Times 2022

District	90th Percentile Response Times
<i>*Station 2811</i>	<i>06:53</i>
<i>*Station 2810</i>	<i>06:33</i>
<i>*Station 281</i>	<i>06:13</i>
<i>*Station 285</i>	<i>06:09</i>
Station 289	06:09
<i>*Station 287</i>	<i>06:01</i>
Station 284	05:48
Station 283	05:34
Station 288	05:31
Station 282	05:28
Station 286	05:22

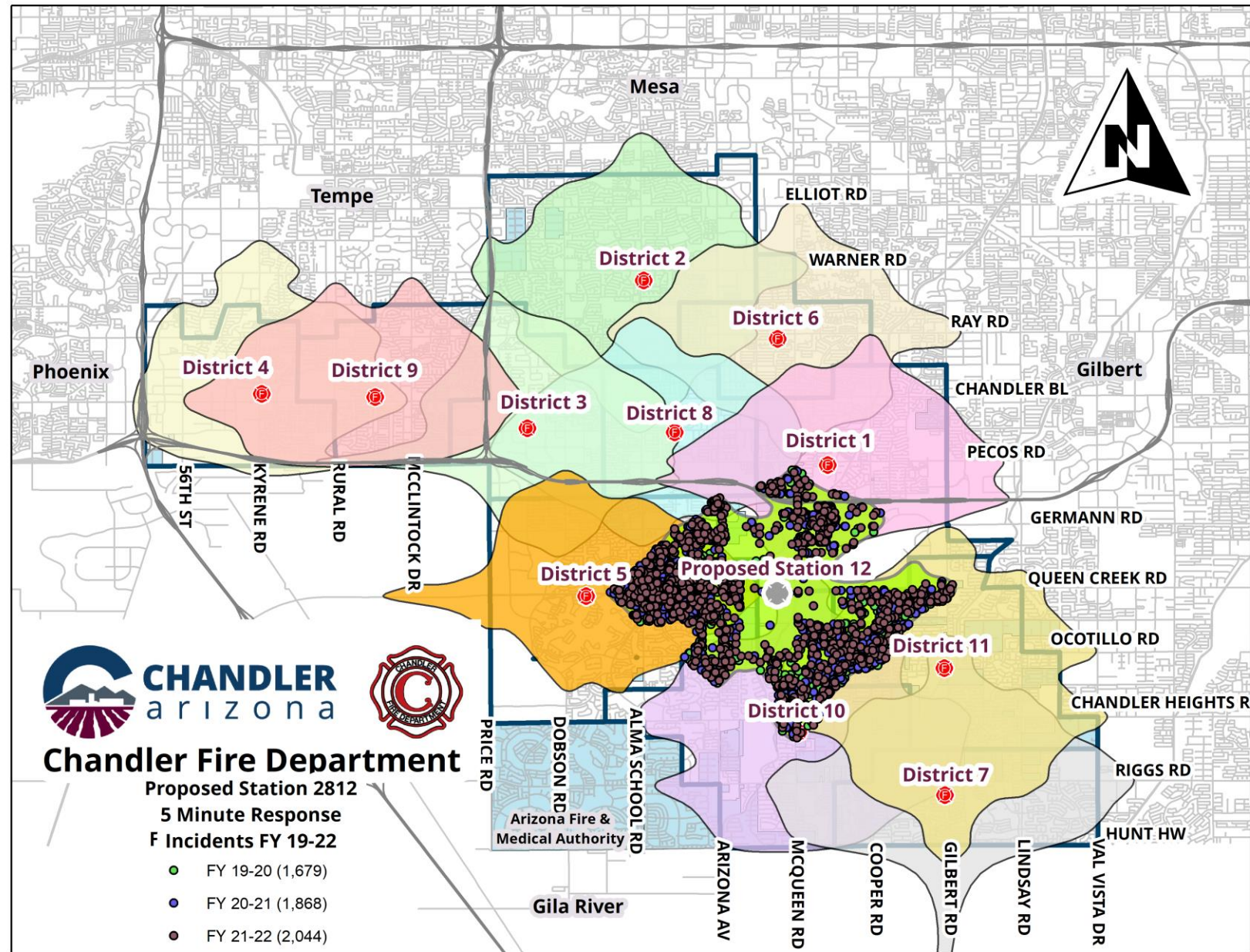
Target Area Experiencing Reduced Coverage & Redundancy



Location Analysis:
Current
Responses
Greater Than 5
Minutes



Location Analysis: Incident Volume Inside 5-Minute Response Diamond



E Queen Creek Rd

E Queen Creek Rd

E Queen Creek Rd

E Queen Creek Rd

E Queen Creek Rd

Proposed site-
350' x 235' (1.9 acres)

S McQueen Rd

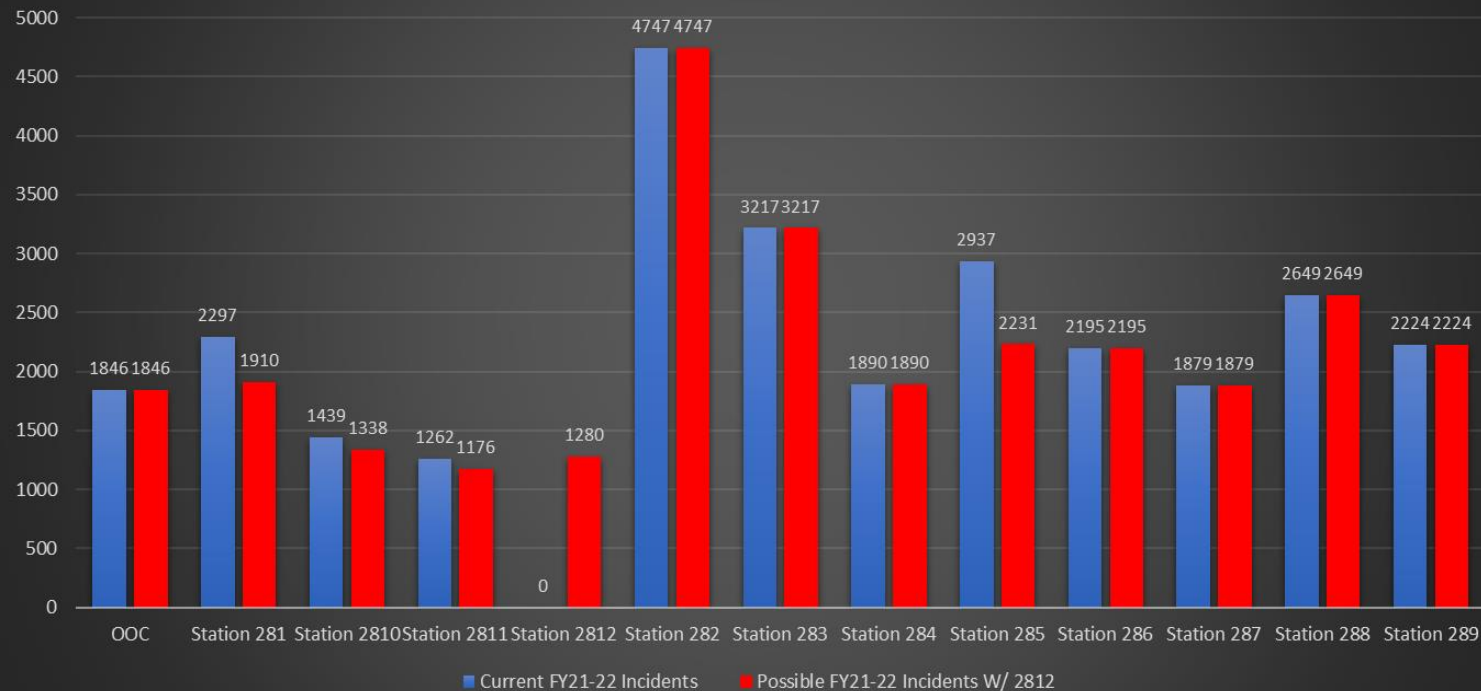
S McQueen Rd

City of Chandler -
Recycling-Solid Waste...

Proposed Station Location

Deployment Impact of Additional Station

FY 21-22 Incidents with & without Station 2812



District	Current FY 21-22 Incidents	Possible FY 21-22 Incidents W/ 2812	Change
Out Of City	1846	1846	0
Station 281	2297	1910	-387
Station 2810	1439	1338	-101
Station 2811	1262	1176	-86
Station 2812	0	1280	1280
Station 282	4747	4747	0
Station 283	3217	3217	0
Station 284	1890	1890	0
Station 285	2937	2231	-706
Station 286	2195	2195	0
Station 287	1879	1879	0
Station 288	2649	2649	0
Station 289	2224	2224	0

Next Steps

- Complete the Fire Station 2 project and redeploy response resources.
- Evaluate the timing of the Fire Station 4 project based on response needs, ongoing building condition assessment, and fiscal considerations. Continue to maintain critical systems until station is fully reconstructed.
- Continue to monitor response needs in South Chandler and include the design and construction of Fire Station 12 in years 9 and 10 in the CIP as a placeholder, with regular evaluation of demand and timing.

