



FIRE DEPARTMENT

MEMO

To: Martin Scribner, Director, Development Services

From: John Storm, Assistant Fire Chief

CC: Brady Leffler, Fire Chief

Date: November 2, 2017

Re: Anderson Russell Proposed Development

Martin,

In response to Ryan Wozniak's email requesting data relating to primary and secondary response routes, distances and time to the Anderson Russell proposed development area, the following is what we have. With our current operational resources, the closest fire station (Fire Station 572 at 36390 W Bowlin Road) has an estimated 12-minute, 8.5 mile response time to the area. The route starts at Hartman, turning East on Honeycutt, South on Murphy Road and then East on Maricopa Casa Grande Highway. The secondary route is from the only fire station which is currently South of the Union Pacific tracks Fire Station 574 at 4925 W. Alterra Pkwy) has an estimated 24 minute, 27 mile response time to the area. The route takes 347 South to 84, then East on 84 to Anderson Road, turning North on Anderson Road to the proposed development area. These response times do not take into account the possibility of being delayed by the multitude of Union Pacific trains that run daily across the tracks and separate the closest fire station from the development. The industry and department standards are response times of 4 minutes or less, 50% of the time and 6 minutes 30 seconds or less, 90% of the time. These response times are of great concern because someone who has stopped breathing requires oxygen within 4 minutes or brain damage occurs, as well as the fact that a fire doubles in size every four minutes. The excessive response times to this proposed development area prohibit the department from providing adequate fire and EMS services.

In order for the Fire Department to provide adequate and fire and life safety services to the proposed Anderson Russell Development, a fully functional fire station would



be required with an **estimated** total cost of 12 million dollars with approximately 2.1 million being annual on-going personnel costs.

Radio communications is essential for public safety response. Due to the remoteness of the location, the public safety radio communications will need to be evaluated in order to ensure they meet City of Maricopa service standards and current radio operations and requirements. The need for placing a new radio communications tower to ensure continual and uninterrupted public safety radio communications in this specific area may be a consideration.

There is limited transportation access to the development area. An inadequate number of railroad crossings limits the developments access. The development has a single crossing at Anderson Road. The next closest crossing is at White and Parker Road. This restriction poses a severe limitation to an effective emergency response by the Maricopa Fire & Medical Department. The need for two **acceptable** ways in and out of the development is also a major requirement for the Fire Department.

If you have any questions or require any clarifications, please do not hesitate to contact me.

Professionally submitted,

John Storm

Assistant Fire Chief – Community Services/Fire Prevention

