

# NOTES

TO: Honorable Mayor and City Council Members  
FROM: Ann E. Wall, <sup>KW</sup> City Manager  
DATE: February 23, 2022  
SUBJECT: Materials for Your Information

Please find attached the following materials for your information:


1. A memo from Kevin Mulligan, Director of Public Works, regarding the fire training tower and former Fire Station 2 structure
2. A memo from Mark Holtzman, Chief of Police, regarding Red Light Camera program data

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Attachments

## Memorandum

To: Ann E. Wall, City Manager

From: Kevin Mulligan, PE, Director of Public Works 

Date: February, 22, 2022

Subject: Fire Training Tower  
206 N Skinner Street

Former Fire Station #2  
1700 Chestnut Street

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The Fire Training Tower located at 206 N Skinner Street (Parcel# 28982) is a multi-wythe brick 5-story structure containing interior concrete stairs with steel railings, 32 window openings covered with metal grates and exterior steel stair system with multiple landings. The roof appears to be cast in place concrete with a single interior ladder access opening.

Public Works Department staff coordinated with the A/E On-Call firm, HH Architecture, to conduct a structural condition survey of the training tower. On December 7<sup>th</sup>, 2021, staff met on site with Jeff Morrison, P.E. of Lynch-Mykins and provided equipment and support to complete the visual observation and structural condition of the training tower.

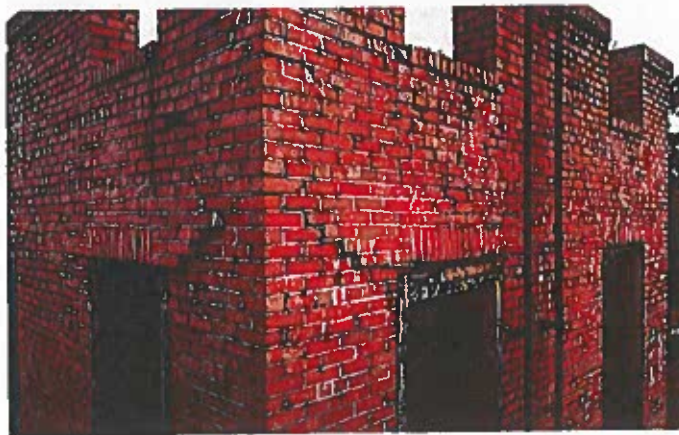
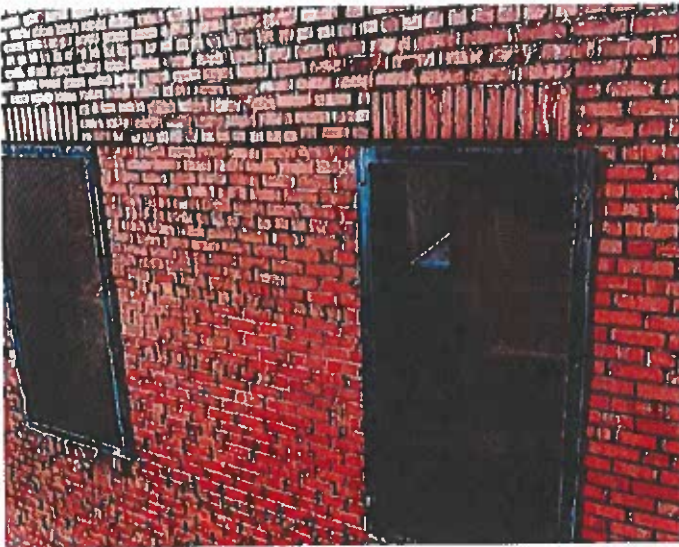
HH Architecture provided a limited Structural Condition Survey on January 14<sup>th</sup>, 2022. The survey details the deteriorated condition of the exterior, severely corroded steel rails and stairs, multiple areas of loose and protruding bricks. Also included in the survey are cost estimates for potential stabilization and repairs, as well as, a cost estimate for demolition and removal.

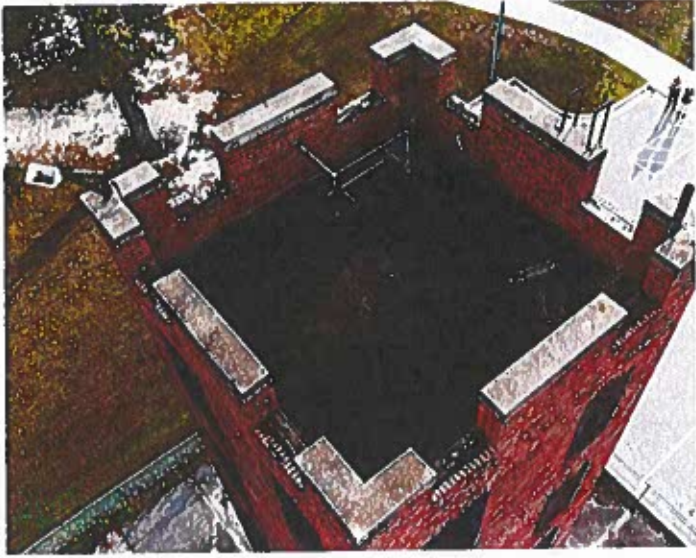
The budgeted cost estimate for structural stabilization is \$375,000.00 with a projected cost for demolition of \$75,000.00. The cost to stabilize would not bring the structure up to current building code, it would simply stabilize the structure. Lynch-Mykins concluded their survey that the tower would not be able to be used for occupancy without bringing it up to meet current Code requirements. The issue is with increasing the Risk Hazard of the structure changing it from a training tower to an occupied building. Hence, increasing the Code requirements for structural loading, particularly the requirements related to wind and seismic design. Code requirements/upgrades would significantly increase the cost over the \$375,000 to stabilize.

Public Works Staff requested demolition cost from three contractors and received a proposal for a total of \$35,000.00. This cost includes demolition and removal of the tower, foundation and surrounding concrete apron.

HH Architecture also included in their survey the former Fire Station #2 located at 1700 Chestnut Street. This is a single story approximate 5500 sq. foot wood structure with brick exterior and wood truss roofing system. The survey indicates this facility as being in moderate to poor condition but appears to be structurally stable. This facility, formerly leased to the American Legion, will require utility and other building repairs prior to being made available to the public. HH Architecture and Public Works are evaluating the required upgrades at this facility.

Below are pictures highlighting the condition of the Fire Tower structure:








**POLICE DEPARTMENT**

# Memorandum

**To:** Ms. Ann Wall, City Manager  
**From:** Mark Holtzman, Chief of Police   
**Date:** February 21, 2022  
**Subject:** Red Light Cameras – Traffic Crash Data

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On November 15, 2017 the Red Light Camera program went live at the following City intersections:

- Charles Blvd. and E. 14<sup>th</sup> Street
- Charles Blvd. and E. Fire Tower Road
- E. Arlington Blvd. and E. Fire Tower Road
- E. Arlington Blvd. and SE Greenville Blvd
- W. Arlington Blvd. and S. Memorial Drive

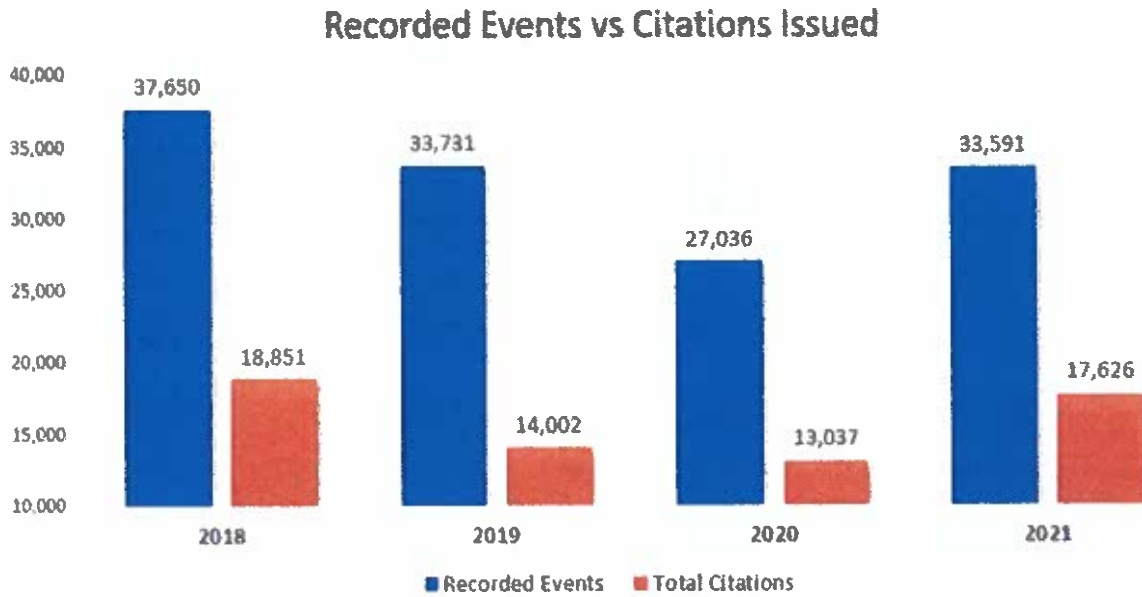
Since the inception of the program, the City has seen a 22% reduction in crashes at the monitored intersections. During this same time frame, the City has seen an improvement in its crash ranking for cities with populations of 10,000 or more. In four years, Greenville has moved from being ranked #1 to #8 in the NCDMV Traffic Crash Facts Reports for cities with populations of 10,000 or more.

The following is a summary of the percentage change in crash data for 2021 as compared to the pre-implementation time frame:

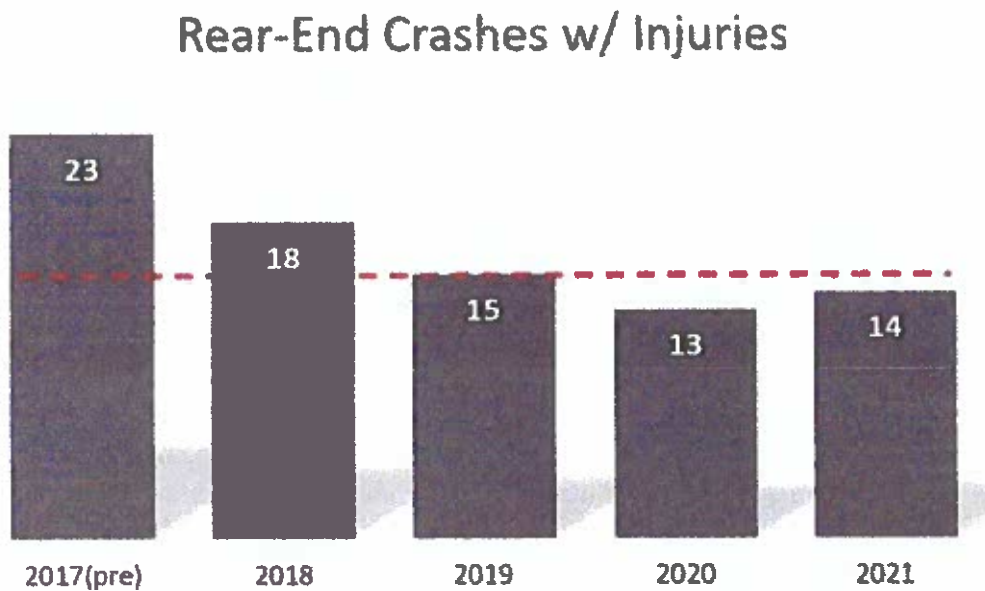
- ✓ 22% reduction in crashes
- ✓ 25% reduction in rear-end collisions
- ✓ 39% reduction of injuries resulting from rear-end collisions
- ✓ Only a 7.0% recidivism rate for violating drivers
- ✓ 60% of tickets issued to non-residents of Greenville

In 2021, there were 33,591 recorded events at the monitored intersections, which is a 10.8% reduction as compared to 37,650 in 2018. Every recorded event is reviewed by a GPD Officer to determine whether it is actually a violation or if it falls within the parameters of issuing a violation. GPD does not issue violations for right-turn-on-red violations and also allows for a short grace period before an event is considered to be a violation.

In 2021, there were 17,626 citations issued in the monitored intersections, which is a decrease of 6.5% as compared to the 18,851 issued in 2018. The following is the trend over the four year period:



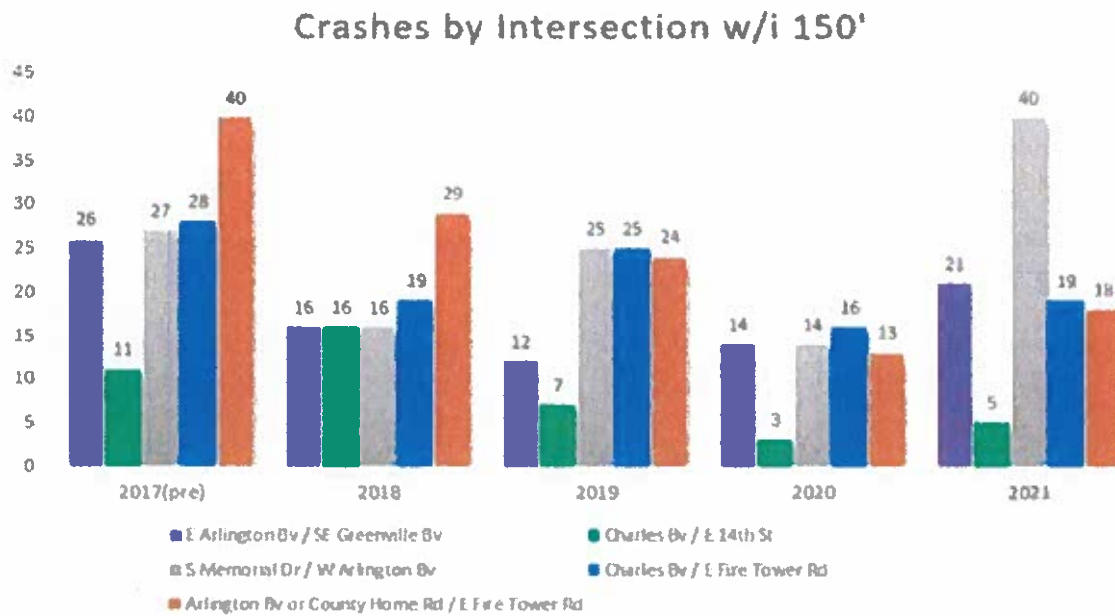
Over the last four years the City has seen the greatest reduction in the number of rear-end crashes that resulted in injuries. In 2021, there were 14 crashes that resulted in injury as compared to 23 in 2017. The following is the trend over the four year period:





While the overall numbers are still trending downward, there was an increase in crashes at the intersection of W. Arlington Boulevard and S. Memorial Drive between the years of 2020 and 2021. This particular intersection also saw a 35% increase in citations during 2021. GPD is currently in the process of coordinating a study of the Memorial and Arlington intersection with the City's Engineering Department to better understand the factors that have led to the increased activity and solutions / improvements available to mitigate future accidents.

The following is the trend in accidents by intersection over the four year period:



Since its inception in 2017, the Pitt County Schools System has received approximately \$2.9 million in distributions through the Red Light Camera program.

The GPD will continue to analyze the Red Light Camera data and provide period updates to City Council. Please let me know if you have any questions. Thanks.

cc: Michael Cowin, Deputy City Manager

**GPD Mission Statement**

*The Greenville Police Department exists to enhance public safety and quality of life, in partnership with ALL people in OUR community, by preventing crime with honor and integrity.*