

Public Safety Capital Reinvestment 5 Year Plan - \$150 million**Detail****November 8, 2016****VEHICLES****• Fire Apparatus**

- **(20) Pumper/engine** is the primary response unit providing firefighting, emergency medical rescue, and special rescue capabilities. Each station has at least one fully staffed pumper.
- **(3) Aerial Stick** is a basic ladder truck. This unit typically has a 105 foot large ladder on the top of the unit used for firefighting functions, as well as used for rescuing trapped people in flooded washes. This vehicle has no pump.
- **(2) Aerial Bucket-** same functions as the aerial stick with the exception that this aerial ladder has a large bucket at the tip allowing for multiple firefighters to be lifted into the air at the same time. This truck has a pump for firefighting activities.
- **(1) Aerial Quint-** Same functions as the aerial stick but has a pump for firefighting activities.
- **(2) Ladder Tender-** this vehicle is an equipment truck that carries nearly all of the same equipment as the aerial stick but has no large ladder.
- **(12) Paramedic unit-** basic ambulance used to transport patients to the hospital.
- **(2) Special Rehab-** this is a van-tran style vehicle use during extended events. The unit is used to help cool, rest, and hydrate firefighters.
- **(3) Special APL-** Air Power Light, this vehicle is equipped with an air compressor used to fill firefighter's air tanks, large generator used to provide power to an incident and large light towers used to light up an incident.
- **(2) Special Brush-** This vehicle is a small firefighting unit designed for fighting brush fires. The vehicle is similar to a utility truck used by plumbers but has a small pump and tools for fighting brush fires.
- **(1) Special Haz Mat-** Hazardous materials (Haz Mat) unit. This is a larger vehicle used to transport the special tools and equipment for firefighters to work at hazardous materials incidents such as a large chemical spill.
- **(1) Special TRT-** Technical Rescue Team (TRT)- This is a larger vehicle used to transport the special tools and equipment for firefighters to work at special rescue incidents such as a building collapses.
- **(1) Special Command-** This vehicle is a mobile command unit designed to allow fire officers to command large events.

- **(2) Special Water Tender**- this vehicle is a water truck used to bring firefighters water to remote areas where fire hydrants are not available.
- **Fire non-Specialized Fleet (98)**
 - These are general purpose vehicles such as vans and staff cars, emergency response battalion chief trucks and support vehicles such as maintenance trucks.
- **Police Department Patrol Fleet (257)**
 - 63% of current marked fleet is beyond recommended useful service life
- **Police Department Motorcycles (24)**
 - Motorcycle fleet has transitioned from Harley Davidsons to less expensive Hondas. Oldest Hondas are now due replacement and will serve as spares in training. This establishes a rolling replacement plan.
- **Police Department Unmarked Fleet (164)**
 - 80% of the current fleet is beyond recommended useful service life
- **Police Department Specialized Vehicles**
 - (5) Prisoner Transport Vans - Vehicles utilized for safe transport of police prisoners to City Court and Pima County Jail
 - (2) Bomb trucks - Large pickup trucks with secure storage utilized to transport bomb suits, equipment and investigative material to critical scenes
 - (2) Mobile Command Post Vehicles - large command post vehicle used during critical protracted incidents
 - (2) Mini Mobile Command Post Vehicle - used for short term critical incidents not involving protracted callouts

EQUIPMENT

- **Police Department Helicopter (1)**
 - Provides police airborne patrol and search functions
- **Police Department Ruggedized Patrol Laptops (1,306)**
 - Utilized by all patrol personnel and serve as a direct tie-in to dispatch and reporting capabilities
- **Police Department Desktop Computers (712)**
 - Utilized by TPD Personnel in performance of assigned duties

- **Police Patrol Vehicle Citation Printers (293)**
 - Mobile citation printing capability providing real-time information linked to City Courts and Police Records; Minimizes time spent on traffic stops

- **Police Vehicle Cameras (293)**
 - In-Car cameras providing recorded video and audio information relating to police actions

- **Police Body Worn Cameras and Annual Memory Storage (300)**
 - Cameras worn by officers providing recorded video and audio information relating to police actions

- **Police Tasers (750)**
 - Non-lethal electronic device minimizing injury to citizens and police officers in violent situations

- **Police Department Evidence Storage Bins**
 - Used for storing and tracking evidentiary items for criminal cases

- **Police Department Firearms Replacement (1,060)**
 - Replacement of aging inventory of police weapons

- **Police Computer Aided Dispatch (CAD) Upgrade**
 - Primary system used for call for service dispatch and record management of police actions; current system will not be supported if not upgraded

- **Fire Station Alerting-** Station alert system is the communication system built into each fire station. The system is connected to the 911 dispatch system and is the primary system that notifies firefighters at the fire stations of the emergency call. The current system is well past its life span and in no longer reliable. The system will serve the entire city. (22 stations, serving the entire city)

- **Fire Turnouts-** Turnout gear is the primary garment used to protect firefighters during entry into fires and other hazardous environments. The gear consists of a matching coat and pants, suspenders, Nomex hood, structural boots, gloves and helmet. Turnout gear has an expected life span of 5-years to 8-years, and an absolute life span of 10-years. The department has over 800 sets of turnouts in our inventory. (490 sets over 5-years)

- **Electronic Patient Care Reporting (EPCR) Rugged Laptop**- this lap top is issued to, and used by each emergency response crew. The crew used the lap top to complete the patient care report and transmit the information to other agencies and or the main database. The crew hand carries this lap top to the patient's side. (210 units, serving the entire city)
- **Mobil Data Terminals (MDT)**- This is a computer is installed in each emergency response vehicle and is connected to the emergency dispatch center. The computer receives all dispatch information and presents the incident address information, nature of the call, and other pertinent information about the event. The MDT also provides map routing to the incident. (140 units, serving the entire city)
- **Paramedic Cardiac Monitors**- The department is requesting to replace all of our cardiac monitors. This type of equipment is replaced at one time as opposed to a few units at a time because of the need for consistency in the type and model of such a critical device. (62 units, serving the entire city)

FACILITIES

- **Public Safety Training Academy Deferred O&M and Buildout**
 - Electrical Mechanical Control System (EMCS)
 - Central Plant Roof Recoat
 - Classroom 100 Roof Recoat
 - Firing Range - Roof re-coat
 - Training Bldg. Roof re-coat
 - Facility wide utility upgrade
- **Public Safety Training Academy Track Replacement**
 - Police, Fire and other agency driver training facility surface is failing and needs to be completely replaced
- **Fire Station Remodels and Deferred O&M**- Renovate and or expand the station. Many stations have work out space on the apparatus bay floor. This is a significant concern due to the diesel exhaust. Station renovations will include updating ADA requirements as well as kitchen hood protection requirements.

(Note: Ward where station is located is bold and underlined, station may serve multiple wards)

- Station 7- Renovate existing facility, expand to include indoor work out room

- Built-1983
- Daily Staffing- 14
- Wards Served- 6 , 2
- Station 11- Renovate existing facility, expand to include indoor work out room
 - Built-1984
 - Daily Staffing- 4
 - Wards Served- 6 , 5, 4
- Station 12- Renovate existing facility, expand to include indoor work out room
 - Built-1976
 - Daily Staffing- 4
 - Wards Served- 2 , 4
- Station 13- Renovate existing facility, expand to include indoor work out room
 - Built-1973
 - Daily Staffing- 6
 - Wards Served- 4 and 2
- Station 14- Renovate existing facility, expand to include indoor work out room
 - Built-1968
 - Daily Staffing- 8
 - Wards Served- 1 and 5
- Station 15- Renovate existing facility, expand to include indoor work out room
 - Built-1974
 - Daily Staffing- 6
 - Wards Served- 1
- Station 16- Renovate existing facility, expand to include indoor work out room
 - Built-1976
 - Daily Staffing- 10
 - Wards Served- 2
- Station 17- Renovate existing facility, expand to include indoor work out room
 - Built-1988
 - Daily Staffing- 4
 - Wards Served- 4
- Station 18- Renovate existing facility, expand to include indoor work out room, add additional apparatus bay, and sleeping quarters for 4.
 - Built-2000
 - Daily Staffing- 4
 - Wards Served- 1 , 5

- **Fire Department Warehouse Remodel-** Renovate existing logistics facility to include upgrades to security, warehouse storage, and builds laundry facility for turnout gear.
 - Last remodeled-2006
 - Daily Staffing- 4
 - Wards Served- **All Wards**

- **Police Substation deferred O&M and Security Upgrades** including keycard and surveillance camera installation.
 - Hardesty
 - Replace Carpet - Detective Area
 - Replace Carpet - Sergeant Area
 - Correct Water Intrusion
 - TPD Westside
 - Asphalt seal coat
 - Roof re-coat
 - Skylight Fall Protection
 - MAITS Fall Protection Around Building Edges
 - TPD Santa Cruz - Roof re-coat

- **Police Ancillary Support Deferred O&M and Security Upgrades**
 - TPD Evidence, Property, and Identification Center (EPIC)
 - Roof Re-coat
 - MAITS Parapet Fall Protection
 - Crime lab - Asphalt Seal Coat
 - Impound Lot Alarm System and Camera Replacement

- **Police Department Headquarters Deferred O&M and Security Upgrades**
 - Remove UST for Generator
 - Roof Re-coat
 - Security Access and Camera Surveillance Upgrade (current system out of date and unsupported)

- **Police Department Firearms Training Academy Upgrade** - Replaces current live-fire training facility including the addition of a long range rifle facility

- **Fire Station Rebuilds-** The following stations require complete demolition and rebuilding due to their age, and existing physical restrictions. Many of these stations

were initially designed for fewer personnel and vehicles. Kitchen, bathroom and living facilities are outdated and cramped. These stations have existing facility systems that are due for replacement as well as outstanding ADA repairs.

- Station 3- This station is the oldest station in the department. The station has a pumper and paramedic unit. The station cannot physically house normal sized pumpers, requiring the department to purchase unique vehicles. The station no longer meets the physical needs of the department. This station is situated along Broadway just east of Campbell. The Broadway widening will impact what the department can do with this station. The department intends to provide temporary housing for the 6-crew members and the two emergency vehicles, demolish the existing station and rebuild a new modern station. This station serves the University area as well as backs up the down town station.
 - Built-1953
 - Daily Staffing- 6
 - Wards Served- 6, 3, 5
- Station 5- This station has a pumper, two paramedic crews, and a rescue truck. The department intends to provide temporary housing for the 10-crew members and the two emergency vehicles, demolish the existing station and rebuild a new modern station.
 - Built-1983
 - Daily Staffing- 10
 - Wards Served- 3, 6, 2
- Station 8- This station has a pumper, paramedic, and a rescue truck. The department intends to provide temporary housing for the 10-crew members and the two emergency vehicles, demolish the existing station and rebuild a new modern station.
 - Built-1968
 - Daily Staffing- 8
 - Wards Served- 3
- Station 9- This station has a battalion chief, medical captain, pumper, aerial ladder, paramedic, and a rescue truck. This station was not intended to house 14 employees. The department intends to provide temporary housing for the 10-crew members and the two emergency vehicles, demolish the existing station and rebuild a new modern station.
 - Built-1966
 - Daily Staffing- 14
 - Wards Served- 6, 4, 2

- Station 10- This station has a pumper, paramedic, and a rescue truck. The department intends to provide temporary housing for the 10-crew members and the two emergency vehicles, demolish the existing station and rebuild a new modern station.
 - Built-1965
 - Daily Staffing- 12
 - Wards Served- 5, 1

- **Police Department New Eastside Annex**
 - Additional substation to support eastside operations based on expansion of the population and additional public safety requirements in the southeast area of Tucson

- **Police Department Allan Hall Build-out for Special Weapons and Tactics (SWAT) and Centralized Training** - former National Guard facility now managed by Tucson Police Department. The Department is currently in the process of constructing an evidentiary storage lot for vehicles at this location.
 - Create secure storage area for SWAT equipment
 - Training classrooms for special units