

# BOND ELECTION ADVISORY TASKFORCE

REINVESTMENT IN FACILITIES AND ASSETS WORKING GROUP

## AUSTIN FIRE DEPARTMENT

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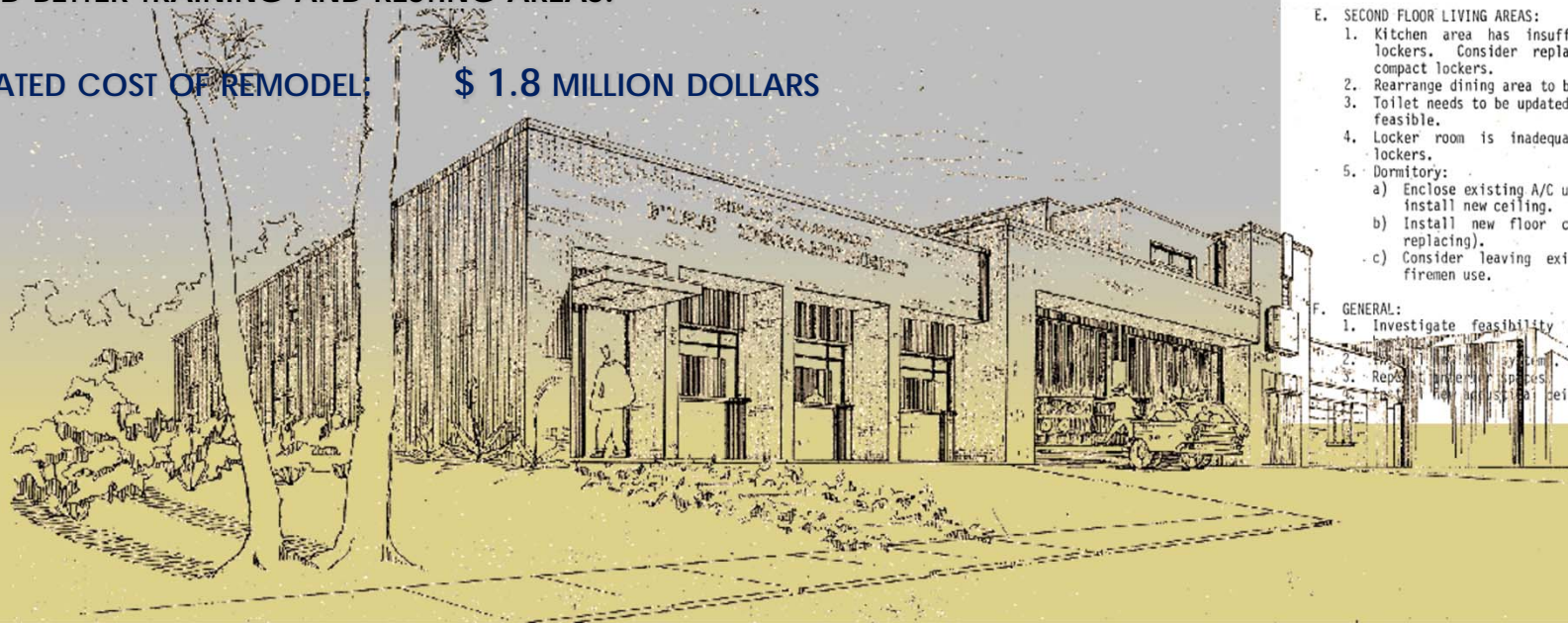
# DISCUSSION OF NEW PRIORITIES

## FIRE STATION No 1 – CENTRAL STATION (401 EAST 5TH STREET)

STATION BUILT IN 1938

- ELECTRICAL SYSTEMS ARE EXTREMELY OLD; THERE IS CLOTHING WIRE IN SOME AREAS
- REPAIRING THE ELECTRICAL WIRING MEANS ABATING PRESENT ASBESTOS, DEMOLITION OF WALL AND ROOF SURFACES, DEMOLITION OF CEILING COMPONENTS, AND A NEED TO UPGRADE ELECTRICAL SYSTEMS.
- DUE TO THE DEMOLITION REQUIRED, A REMODEL SHOULD BE CONSIDERED TO UPDATE THE HVAC, ADD ENERGY EFFICIENT WINDOWS, UPGRADE BUILDING LAYOUT, FINISHES AND DISTRIBUTION BY ADDING A MODERN KITCHEN AND BETTER TRAINING AND RESTING AREAS.

ESTIMATED COST OF REMODEL: \$ 1.8 MILLION DOLLARS



November 2, 1981

MODERNIZE FIRE STATION NO. 1  
C.I.P. PROJECT NO. 837005

### IMPROVEMENTS

#### A. EXTERIOR:

1. Clean exterior masonry and seal.
2. Investigate condition of roofing, flashings and upper concrete decks. Repair as necessary.
3. Replace steel casement windows.
4. Replace/repair exterior doors as necessary.

#### B. APPARATUS ROOM:

1. Concrete floor slab has a smooth finish and sweating creates a dangerous condition for firemen. Investigate alternative slulion.
2. Repair/replace overhead doors as necessary. Install electric operators as per Fire Department specifications.

#### C. DRY ROOM:

1. Provide acoustical treatment.
2. Provide floor finish.

#### D. FIRST FLOOR OFFICES:

1. Relocate existing offices and E.M.S. living quarters. (E.M.S. will utilize second floor bath and kitchen.)
2. Provide new ceilings and lighting as necessary.

#### E. SECOND FLOOR LIVING AREAS:

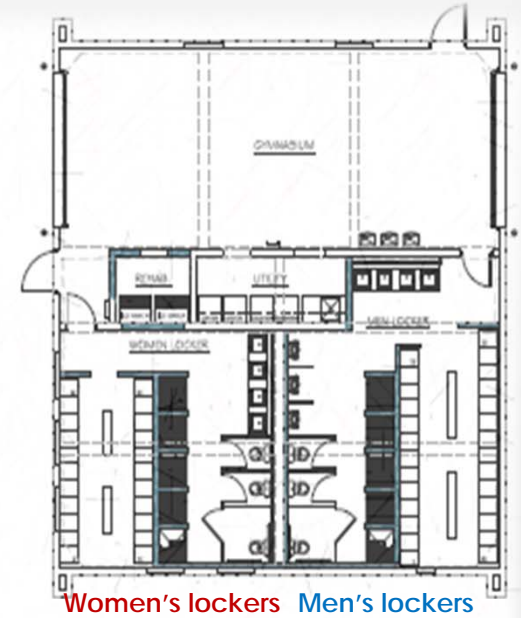
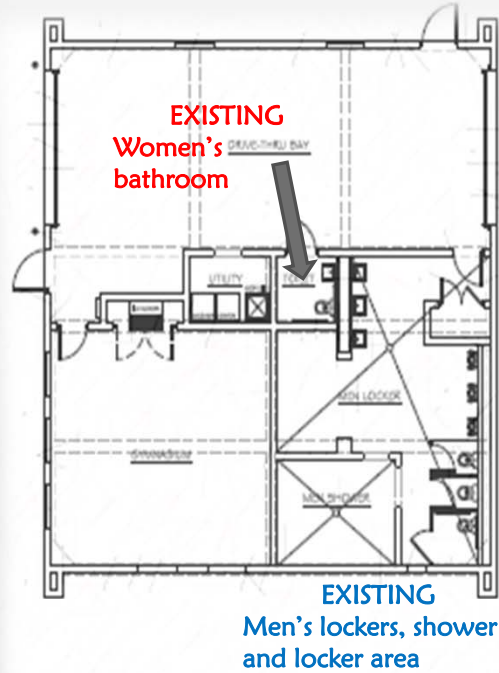
1. Kitchen area has insufficient storage and space for food lockers. Consider replacing existing food lockers with new, more compact lockers.
2. Rearrange dining area to better utilize the space.
3. Toilet needs to be updated and additional fixtures provided if feasible.
4. Locker room is inadequate. Consider expansion of space and new lockers.
5. Dormitory:
  - a) Enclose existing A/C unit. Re-work duct work as necessary to install new ceiling.
  - b) Install new floor covering (some floor decking may need replacing).
  - c) Consider leaving existing E.M.S. bedroom and study for firemen use.

#### F. GENERAL:

1. Investigate feasibility of solar water heating and some space heating system.
2. Repair interior spaces.
3. Repair acoustical ceilings and lighting as appropriate.



SHAW LANE TRAINING FACILITY AERIAL PICTURE



## DISCUSSION OF NEW PRIORITIES CONT...

### SHAW LANE LOCKER AND SHOWER FACILITY

AN INCREASED PRIORITY ON TRAINING MORE CADETS MAKES IT NECESSARY TO PROVIDE MORE SHOWERS AND EXPAND LOCKER ROOM AREAS.

ESTIMATED COST: \$ 900,000.00 DOLLARS

## NEW PRIORITIES CONT...

### FIRE STATION STRUCTURAL REPAIRS AND DRIVEWAY CONDITIONS.

#### STRUCTURAL REPAIRS

FIRE STATION 8/EMS STATION 7, THERE WERE TWO AREAS ADDED TO THE STATION ONE ON THE FRONT (EMS AND DAY ROOM) AND ONE ON THE REAR (DORMITORY) THAT DUE TO THE SOILS, THEY ARE SEPARATING. TEMPORARY REPAIRS HAVE BEEN MADE BUT, THE ISSUE STILL NEEDS TO BE ADDRESSED. ESTIMATED COST OF REPAIRS: \$ 800,000.00 DOLLARS

FIRE STATION 32, LOCKER ROOM ADDITION HAS CAUSED STRUCTURAL DAMAGE DUE TO "SHIFTING". WE HAVE PERFORMED REPAIRS TO TRY TO STOP THE "SHIFT" BUT THE STATION HAS GOTTEN WORSE.

ESTIMATED COST OF REPAIRS: \$ 135,000.00 DOLLARS

FIRE STATION 3 AND FIRE STATION 22, EXISTING BAYS WERE NOT DESIGNED FOR THE LOAD OF MODERN FIRE ENGINES. A FORENSIC STUDY HAS REVEALED THE POSSIBILITY OF FAILURE IN THE FLOOR BAY.

- ENGINES HAVE NOT BEEN PARKED INSIDE THE BAYS FOR 3 MONTHS.
- REPAIR ANALYSIS REPORT TOGETHER WITH PROPOSED REPAIR METHOD ARE DUE SOON.
- REPAIRS MUST BE PERFORMED IMMEDIATELY TO RETURN TO NORMAL.

ESTIMATED COST OF REPAIRS: WAITING ON REPORT



FIRE Station 32. Shoring of failing wall

## NEW PRIORITIES CONT...

### DRIVEWAY CONDITIONS:

FIRE STATION NUMBERS: 1 (401 E 5<sup>TH</sup>), 3 (201 W 30<sup>TH</sup>), 28 (2401 W PALMER LANE) AND 29 (3625 DAVIS LANE), PLEASANT VALLEY WELLNESS CENTER DRIVEWAYS ARE IN DIRE NEED TO BE REPLACED.

ESTIMATED COST:     **\$1.3 MILLION DOLLARS**

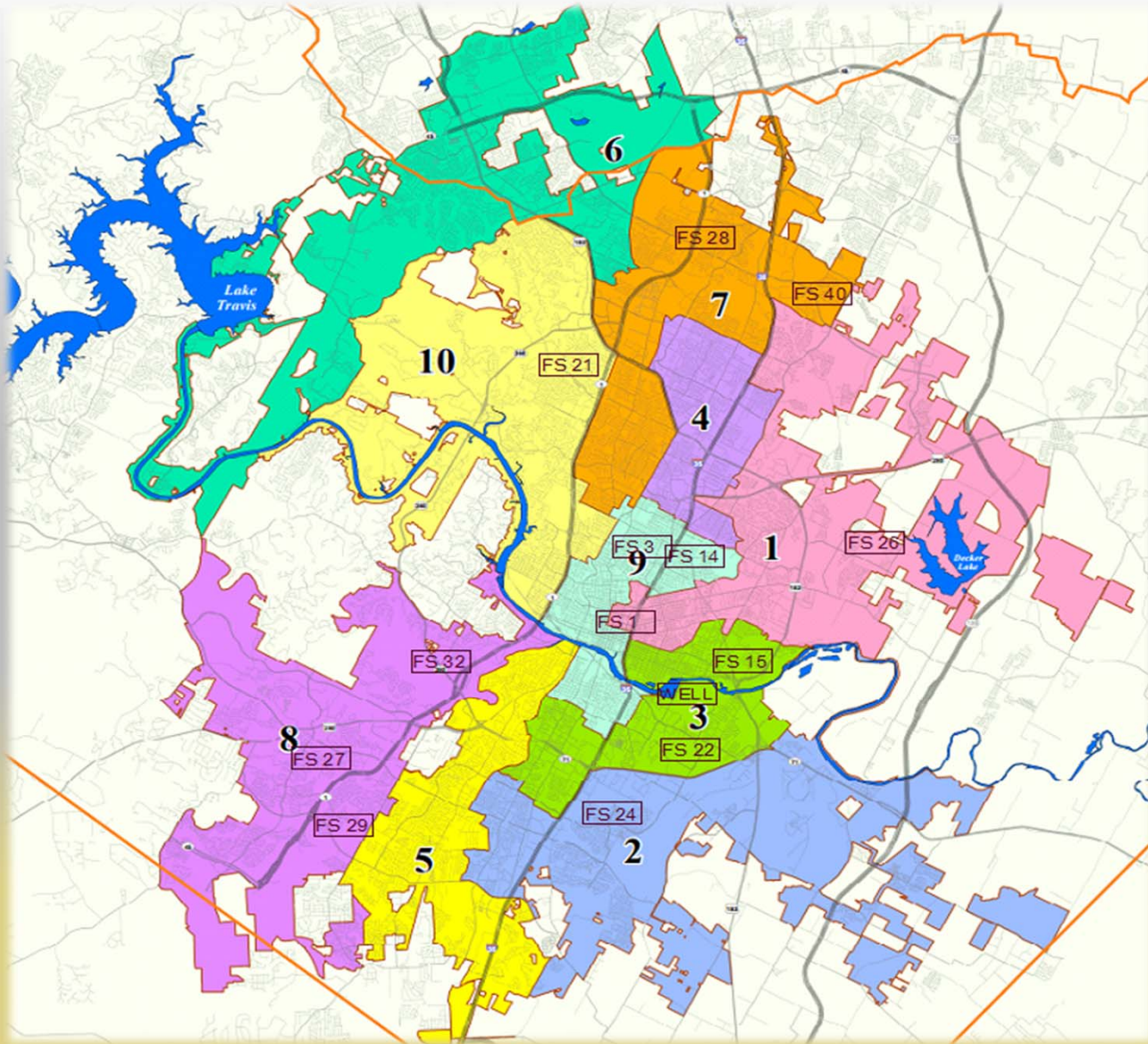
FIRE STATION NUMBERS: 14 (4305 AIRPORT BLVD.), 21 (4201 SPICEWOOD SPRINGS), 26 (6702 WENTWORTH), AND 40 (12711 HARRISGLENN) NEED TO BE REPAIRED.

ESTIMATED COST:     **\$ 1.1 MILLION DOLLARS**

FIRE STATION NUMBERS: 15 (829 AIRPORT BLVD.), 22 (5309 RIVERSIDE), 24 (5811 NUCKOLS CROSSING), 26 (6702 WENTWORTH DR.) AND 27 (5401 MCCARTY LANE) NEED TO BE REPAIRED. THESE STATIONS WERE STOPPED DUE TO LACK OF FUNDS.

ESTIMATED COST:     **\$1.3 MILLION DOLLARS**





## AREA LOCATOR

**STRUCTURAL AND DRIVEWAY  
REPAIR/REPLACEMENT AREA  
LOCATION BY DISTRICT.**

# DEFERRED MAINTENANCE REQUIRED IMPROVEMENTS

DUE TO THE AGE AND CURRENT CONDITIONS OF FIRE STATIONS 4, 8, 15, 18, 20, 28 & 29, DEFERRED MAINTENANCE IS NECESSARY. MANY OF OUR STATIONS HAVE HEALTH RISKS DUE TO LEAD PAINT, ASBESTOS AND AIR QUALITY.

BUILDING SERVICES ASSISTS WITH DEFERRED MAINTENANCE PERFORMED IN OLDER STATIONS. THE SCOPE OF WORK IS LIMITED TO THE REPLACEMENT OF IN-KIND COMPONENTS LIKE KITCHEN CABINETS, APPLIANCES, AND BATHROOM FIXTURES AND RENOVATION TO INCLUDE UPGRADED WINDOWS, HVAC SYSTEMS, COMMUNICATION SYSTEMS AND ELECTRICAL COMPONENTS.

ESTIMATED COST: \$ 5.0 MILLION DOLLARS



BEFORE



AFTER



BEFORE



AFTER



# AUSTIN FIRE DEPARTMENT HEADQUARTERS

OUR HEADQUARTERS IS IN DIRE NEED OF OPTIMIZATION OF SPACE, LOADING DOCK FOR WAREHOUSE, ADA ACCESSIBILITY, LEAKING ROOF REPAIR, FOUNDATION REPAIR, PARKING LOT MAINTENANCE, COMMUNICATION CHANNEL FLOW AND MODERNIZATION OF OUR EXISTING FACILITIES TO INCLUDE HVAC SYSTEMS, LIGHTING, FURNISHINGS, REST AREAS AND AN UPGRADED FIRST IMPRESSION LOBBY AREA.

ESTIMATED COST: **\$ 2.2 MILLION DOLLARS**



From left to right:  
Main Entry to Headquarters, Example of stains throughout, example of ceiling tile stains throughout due to roof leaks, ADA accessibility issues, parking full of pot holes, our warehouse loading dock in the present time.

To be noticed, stained carpets, outdated paint and cubicle styles, lighting is not distributed according to cubicle placement, no natural light, high panels without visibility, etc.



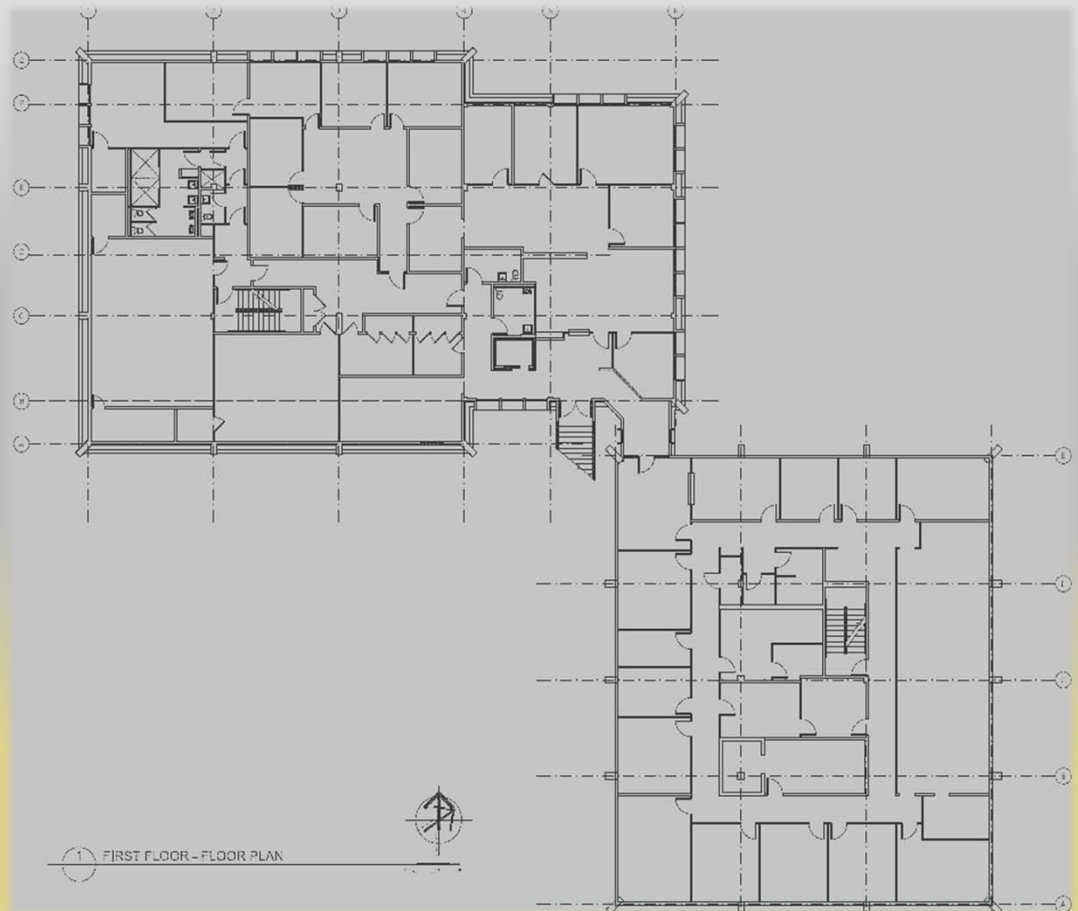
# PLEASANT VALLEY WELLNESS CENTER AND TRAINING TOWER

THIS FACILITY SERVES AS THE INITIAL POINT OF ENTRY FOR THE FIRE, EMS AND APD CADETS' CAREERS. FACILITIES ARE NOT ADEQUATE TO HANDLE THE LARGE NUMBERS EXPECTED IN THE NEXT THREE YEARS AND THE YEARS TO FOLLOW.

THIS FACILITY REQUIRES THE FOLLOWING:

1. ADA COMPLIANCE THROUGHOUT
2. ADDITIONAL LOCKER AREAS
3. ADDITIONAL SHOWER AREAS
4. ADDITIONAL GYMNASIUM SPACE
5. UPGRADE ON THE FOLLOWING SYSTEMS:
  - HVAC
  - WINDOWS
  - PAINT
  - CARPET AND TILE
  - LIGHTING
  - SECURITY
  - MORE EFFICIENT OFFICE SPACE LAYOUT

ESTIMATED COST: \$ 750,000 DOLLARS



# COST SUMMARY

NEW PRIORITIES	\$ 1.8 MILLION DOLLARS
SHAW LANE LOCKER AND SHOWER FACILITY	\$ 900,000.00 DOLLARS
STRUCTURAL REPAIRS	\$ 935,000.00 DOLLARS + PENDING FEASIBILITY REPORT
DRIVEWAY REPAIRS	\$ 3.7 MILLION DOLLARS
DEFERRED MAINTENANCE REQUIRED IMPROVEMENTS	\$ 5.0 MILLION DOLLARS
HEADQUARTERS IMPROVEMENTS	\$ 2.2 MILLION DOLLARS
PLEASANT VALLEY/WELLNESS CENTER UPGRADES	<u>\$ 750,000.00 DOLLARS</u>
GRAND TOTAL:	\$ 15, 285.00 DOLLARS + PENDING FEASIBILITY REPORT