

BOND ELECTION ADVISORY TASKFORCE

REINVESTMENT IN FACILITIES AND ASSETS WORKING GROUP

AUSTIN FIRE DEPARTMENT

FACILITIES PROCESS MANAGER

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OCTOBER 06, 2017



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DEFERRED MAINTENANCE DEFINITION

MOST OF OUR OLDER FIRE STATIONS NO LONGER SUSTAIN HEALTH AND ENERGY STANDARDS APPLICABLE TO THE MODERN TRENDS.

IT IS IMPORTANT FOR US TO DEFINE TWO DIFFERENT LEVELS OF DEFERRED MAINTENANCE:

DEFERRED MAINTENANCE LEVEL I – SCOPE OF WORK IS LIMITED TO THE REMOVING OF ASBESTOS AND LEAD CONTAMINANTS, UPGRADING HVAC SYSTEMS, RENEWING MECHANICAL DUCTING SYSTEMS, UPGRADING LIGHTING/FIXTURES FOR MORE ENERGY EFFICIENCY, MODERNIZING ALERTING SYSTEMS WHICH AID IN SLEEP AND REST CYCLES, RE-CONDITIONING KITCHEN CABINETS, COSMETIC RENEWAL FOR BAYS AND COMMON AREAS, UPGRADING PLUMBING FIXTURES FOR EFFICIENCY AND WATER-SAVING, SEWER LINE RECONDITIONING, REPLACING WATER HEATERS, CONVERTING ELECTRICAL TO GAS APPLIANCES WHEN POSSIBLE, REPLACING WINDOWS FOR ENERGY EFFICIENT GLAZING AND FRAMES, INSULATING AND SEALING DOORS.

DEFERRED MAINTENANCE LEVEL II – THE SCOPE OF WORK IS LIMITED TO ALL ITEMS LISTED IN LEVEL I WITH THE ADDITION OF RE-STRUCTURING OF THE STATION LAYOUT INCLUDING THE ALTERATION OF STRUCTURAL ELEMENTS TO ACCOMMODATE MODERN TRAFFIC PATTERS AND LIVING SPACE INTERACTION.

LEED INTEGRATION

THE CITY OF AUSTIN RECOMMENDS A SILVER LEED CERTIFICATE. CERTIFICATE STANDARDS ARE AS FOLLOWS:

ENERGY: CORE PERFORMANCE, ENERGY CODE COMPLIANCE, AIR BARRIER AND OPAQUE ENVELOPE PERFORMANCE, LIGHTING CONTROLS, MECHANICAL EQUIPMENT EFFICIENCY REQUIREMENTS, DOMESTIC HOT WATER SYSTEM EFFICIENCY.

HEALTH: INDOOR AIR QUALITY, SAFE INTERIOR PAINTS AND COATINGS, FURNITURE AS WELL AS INSULATION PRODUCTS, ADHESIVES AND SEALANTS, OCCUPANT ACCESS TO DAYLIGHT AND GLARE REDUCTION, ASBESTOS AND LEAD ABATEMENT, OCCUPANT COMFORT VERIFICATION AND ACTION PLAN, OCCUPANT THERMAL CONTROLS, NO CARPET, ACCESS TO OPERABLE WINDOWS, OCCUPANT LIGHTING CONTROL, ACOUSTICS.

MATERIALS: BUILT-IN RECYCLING CENTER, BUILD FOR DURABILITY AND MINIMIZE MATERIAL USAGE, WASTE MANAGEMENT, MAINTAIN EXISTING STRUCTURE 70% (LEVEL I) 85% (LEVEL II).

LAND: MINIMAL LANDSCAPE - UPKEEP RETAINING WALLS, SEWER SYSTEMS AND GENERAL APPEARANCE OF STATION.

WATER: HIGH EFFICIENT FLUSHING VALVES, LOW FLOW FAUCETS AND SHOWER HEADS.

DEFERRED MAINTENANCE IS NECESSARY TO ACHIEVE THE SILVER LEED CERTIFICATION.

\$25M BOND FUND ALLOCATION



UNDER THIS PROPOSAL, THE FUNDS WILL BE ALLOCATED AS FOLLOWS:

\$ 8 M - DRIVEWAY REPAIR TO FIRE STATIONS:

1, 3, 4, 14, 15, 21, 22, 24, 26, 27, 28, 29, AND 40

DRIVEWAY REPLACEMENT AT 51ST STREET SHOP AND THE WELLNESS CENTER.

\$ 6.3 M - DEFERRED MAINTENANCE LEVEL I TO FIRE STATIONS:

14, 15, 17, 18, 19, 21, AND 28.

\$ 10.3 M DEDICATED TO DEFERRED MAINTENANCE LEVEL II TO FIRE STATIONS:

1, 4, 8, 20, 23, AND 32.



* ENERGY SAVINGS ESTIMATED AFTER THE DEFERRED MAINTENANCE LEVELS I AND II IS 15% ANNUALLY

\$13M BOND FUND ALLOCATION

UNDER THIS PROPOSAL, THE FUNDS WILL BE ALLOCATED AS FOLLOWS:

\$8 M - DRIVEWAY REPAIR TO FIRE STATIONS:

1, 3, 4, 14, 15, 21, 22, 24, 26, 27, 28, 29, AND 40

DRIVEWAY REPLACEMENT AT 51ST STREET SHOP AND WELLNESS CENTER.

\$4.9 M - DEFERRED MAINTENANCE LEVEL I TO FIRE STATIONS:

14, 15, 17, 18, 19, AND 21

* ENERGY SAVINGS ESTIMATED AFTER THE DEFERRED MAINTENANCE LEVELS I AND II IS 15% ANNUALLY



BEFORE



AFTER

\$23M BOND FUND ALLOCATION

UNDER THIS PROPOSAL, THE FUNDS WILL BE ALLOCATED AS FOLLOWS:

\$8 M - DRIVEWAY REPAIR TO FIRE STATIONS:

1, 3, 4, 14, 15, 21, 22, 24, 26, 27, 28, 29, AND 40

DRIVEWAY REPLACEMENT AT 51ST STREET SHOP AND WELLNESS CENTER

\$4.9 M - DEFERRED MAINTENANCE LEVEL I TO FIRE STATIONS:

14, 15, 17, 18, 19, AND 21

\$10.0 M - DEFERRED MAINTENANCE LEVEL II TO FIRE STATIONS:

1, 4, 20, AND 23

** ENERGY SAVINGS ESTIMATED AFTER THE DEFERRED MAINTENANCE LEVELS I AND II IS 15% ANNUALLY*



\$32M BOND FUND ALLOCATION

UNDER THIS PROPOSAL, THE FUNDS WILL BE ALLOCATED AS FOLLOWS:

\$8 M - DRIVEWAY REPAIR TO FIRE STATIONS:

1, 3, 4, 14, 15, 21, 22, 24, 26, 27, 28, 29, AND 40

DRIVEWAY REPLACEMENT AT 51ST STREET SHOP AND WELLNESS CENTER.

\$6.3 M - DEFERRED MAINTENANCE LEVEL I FIRE STATIONS:

14, 15, 17, 18, 19, 21, AND 28.

\$10.3 M - DEFERRED MAINTENANCE LEVEL II TO FIRE STATIONS:

1, 4, 8, 20, 23, AND 32.

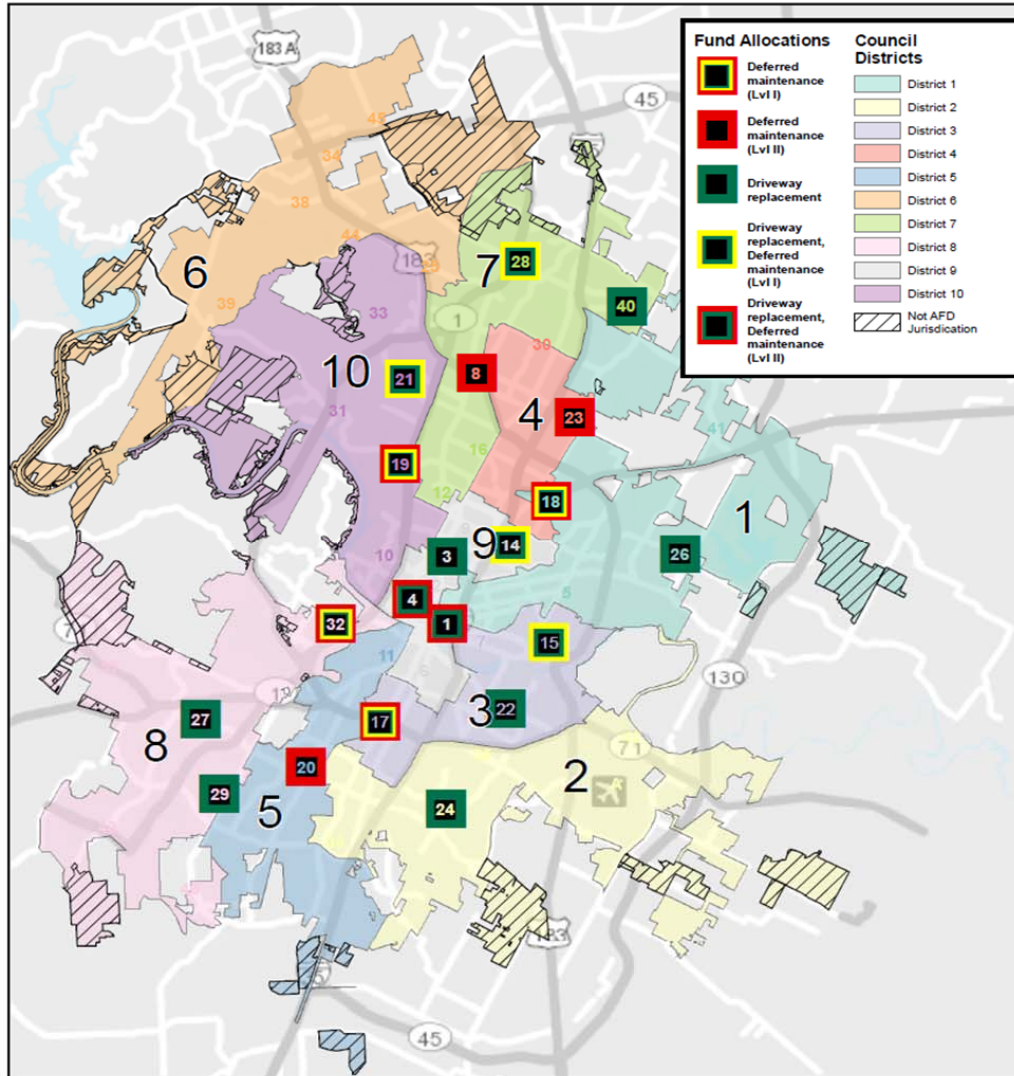
\$7.4 M RE-BUILD AND MAJOR RENOVATIONS TO FIRE STATIONS:

3, 8, AND 25

Object Description	Utility Expense
Electric services	\$467,513
Gas/heating fuels	\$64,557
Water service	\$254,822
Total at End of Fiscal Year 2017	\$786,892
Based Silver level of LEED 15% Savings	0.15
Estimated Annual Savings	\$118,034

* ENERGY SAVINGS ESTIMATED AFTER THE DEFERRED MAINTENANCE LEVELS I AND II IS 15% ANNUALLY

AREA LOCATOR



Ordered By Council District			
Council District	Fire Station	Station Address	Fund Allocation
1	18	6311 Berkman Dr	Deferred maintenance (Lvl I)
1	26	6702 Wentworth Dr	Driveway replacement
2	24	5811 Nuckols Crossing Rd	Driveway replacement
3	15	829 Airport Blvd	Driveway replacement, Deferred maintenance (Lvl I)
3	17	4128 S 1st St	Deferred maintenance (Lvl I)
3	22	5309 E Riverside Dr	Driveway replacement
4	8	8989 Research Blvd	Deferred maintenance (Lvl II)
4	23	1330 E Rundberg Ln	Deferred maintenance (Lvl II)
5	20	6601 Manchaca Rd	Deferred maintenance (Lvl II)
7	28	2410 W Parmer Ln	Driveway replacement, Deferred maintenance (Lvl I)
7	40	12711 Harrisglen Dr	Driveway replacement
8	27	5401 Mc Carty Ln	Driveway replacement
8	29	3704 Deer La	Driveway replacement
8	32	2804 Montebello Rd	Deferred maintenance (Lvl I)
9	1	401 E 5th St	Driveway replacement, Deferred maintenance (Lvl II)
9	3	201 W 30th St	Driveway replacement
9	4	1000 Blanco St	Driveway replacement, Deferred maintenance (Lvl II)
9	14	4305 Airport Blvd	Driveway replacement, Deferred maintenance (Lvl I)
10	19	5211 Balcones Dr	Deferred maintenance (Lvl I)
10	21	4201 Spicewood Springs Rd	Driveway replacement, Deferred maintenance (Lvl I)

Ordered By Fire Station			
Fire Station	Council District	Station Address	Fund Allocation
1	9	401 E 5th St	Driveway replacement, Deferred maintenance (Lvl II)
3	9	201 W 30th St	Driveway replacement
4	9	1000 Blanco St	Driveway replacement, Deferred maintenance (Lvl II)
8	4	8989 Research Blvd	Deferred maintenance (Lvl II)
14	9	4305 Airport Blvd	Driveway replacement, Deferred maintenance (Lvl I)
15	3	829 Airport Blvd	Driveway replacement, Deferred maintenance (Lvl I)
17	3	4128 S 1st St	Deferred maintenance (Lvl I)
18	1	6311 Berkman Dr	Deferred maintenance (Lvl I)
19	10	5211 Balcones Dr	Deferred maintenance (Lvl I)
20	5	6601 Manchaca Rd	Deferred maintenance (Lvl II)
21	10	4201 Spicewood Springs Rd	Driveway replacement, Deferred maintenance (Lvl I)
22	3	5309 E Riverside Dr	Driveway replacement
23	4	1330 E Rundberg Ln	Deferred maintenance (Lvl II)
24	2	5811 Nuckols Crossing Rd	Driveway replacement
26	1	6702 Wentworth Dr	Driveway replacement
27	8	5401 Mc Carty Ln	Driveway replacement
28	7	2410 W Parmer Ln	Driveway replacement, Deferred maintenance (Lvl I)
29	8	3704 Deer La	Driveway replacement
32	8	2804 Montebello Rd	Deferred maintenance (Lvl I)
40	7	12711 Harrisglen Dr	Driveway replacement