

Lancaster County  
Building Fund Budget - 51

	FY17 <u>Budget</u>	Expended <u>5/31/2017</u>
Property Management Properties		
5161 Youth Assessment	215,800.00	159,625.70
5163 Shop/Unallocated	-	-
5164 Trabert Hall	14,400.00	-
5165 Motor Vehicle Building	231,416.00	10,316.00
5166 Mental Health Center	-	4,914.73
5168 605 Building	1,036,750.00	868,973.31
5169 Crisis Center	<u>40,000.00</u>	<u>4,740.68</u>
	1,538,366.00	1,048,570.42
 Joint PBC Properties		
9810 City/County/Hall of Justice	143,816.00	54,722.05
 Other Buildings		
9840 Misc Buildings	43,000.00	39,370.57
 Refunds to State		-
 TOTAL BUILDING FUND	1,725,182.00	1,142,663.04
 Balance @ 5-31-17		463,327.94

**FY17-18 Requests:**

Youth Services Center		
* Install Water Softner System	16,000.00	
* Repair and Replace plumbing fixtures, locks and door closures	5,000.00	
* Raise and level equipment pad	10,800.00	
* Replace carpet	10,000.00	
* Repair sidewalk and driveway	2,000.00	
* Lighting up-grades to LED fixtures	<u>5,000.00</u>	48,800.00
 Motor Vehicle Building (46th & R)		
* New drive thru exit	50,000.00	
* Parking lot repairs	45,000.00	
* Replace asphalt shingled roof	48,000.00	
Removed Garage door and convert to office use	35,000.00	
Update breakroom sink/countertop	1,500.00	
New Door on south side	<u>7,500.00</u>	187,000.00

Misc Buildings - Driver's Testing			
*	Replace asphalt shingled roof	24,000.00	
*	Replace one of two furnaces	7,000.00	
*	Concrete Curb repair	1,500.00	
*	Replace tile in mechanical room	<u>1,500.00</u>	34,000.00

Request from County Property Management 269,800.00

FY2017-18 Building Fund Issues -

605 Building - rent for space not in service (BU 5168)	147,000.00
605 Building - FF&E (BU 5168)	100,000.00
EOC - YSC building	1,000,000.00
Extension Building (BU 9840)	250,000.00
Audio System - Courts (BU 9810) - B-17-0130	189,382.00

Total Requests 1,956,182.00

\* Carryover from FY16-17 Budget

**Revenues -**

FY18 Tax Request	500,000.00
Reserve for Delinquent Tax (2%)	<u>10,000.00</u>
Total Tax Requirement	510,000.00

Motor Vehicle Prorate	1,250.00
In Lieu of Taxes - 5% Gross	15,000.00

Rent - Centerpointe (Midtown) - C-13-0463 67,102.44  
(5,591.87 per month)

Rent - Centerpointe (Old Attention Center) - C-05-0382 50,400.00  
(4,200 per month)

Sale of Trabert 1,000,000.00

Estimated balance @ 6-30-17 250,000.00

Total Available Resources 1,883,752.44

**LANCASTER COUNTY**  
**REQUEST FOR CAPITAL OUTLAY**  
**2017-18 BUDGET**

**BUSINESS UNIT #:** 649

BUSINESS UNIT NAME County City Property Management

<b>OBJECT</b>	<b>ITEM DESCRIPTION</b>	<b># REQUESTED</b>	<b>NEW = N REP = R</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>	<b>AMOUNT REQUESTED</b>	<b>JUSTIFICATION</b>
	<b>CARRY OVER w/updated costs</b>						
6715	Youth Services Center Repair & Improvement to building		R	5,000	5,000	5,000	Repair & replacement parts for plumbing fixtures, locks & door
6715	Youth Services Center Repair & Improvement to building		R	10,800	10,800	10,800	Raise & level equipment pad with the installation of piers
6715	Youth Services Center Repair & Improvement to building		R	16,000	16,000	16,000	Install water softner system
6715	Youth Services Center Repair & Improvement to building		R	10,000	10,000	10,000	Replace carpenting
6715	Youth Services Center Repair & Improvement to building		R	2,000	2,000	2,000	Repair sidewalk & driveway concrete
6715	Youth Services Center Repair & Improvement to building		R	5,000	5,000	5,000	Lighting up-grades to LED fixtures
<b>TOTAL CAPITAL OUTLAY</b>						<b>48,800</b>	

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**BUSINESS UNIT #:** 649

BUSINESS UNIT NAME County City Property Management

OBJECT	ITEM DESCRIPTION	# REQUESTED	NEW = N REP = R	UNIT COST	TOTAL COST	AMOUNT REQUESTED	JUSTIFICATION
	<b>CARRY OVER (w/cost adjustment)</b>						
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building		R	45,000	45,000	45,000	Parking lot and sidewalk repairs both asphalt and concrete including area adjacent to retaining wall
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building		R	48,000	48,000	48,000	Replace asphalt shingled roof and gutters
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building		R	50,000	50,000	50,000	New drive thru exit and 46th Street location
	<b>NEW PROJECTS</b>						
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building		N	35,000	35,000	35,000	Remove garage door and convert to office use
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building	3	N	1,500	1,500	1,500	Update breakroom sink and countertop
6715	Motor Vehicles 46th & 'O' Repair & Improvement to Building		N	7500	7500	7,500	Cut in new door on South side of Building to serve Driver
<b>TOTAL CAPITAL OUTLAY</b>						<b>187,000</b>	

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REQUEST FOR CAPITAL OUTLAY  
2017-18 BUDGET**

**BUSINESS UNIT #:** 649

**BUSINESS UNIT NAME**     County City Property Management

<b>OBJECT</b>	<b>ITEM DESCRIPTION</b>	<b># REQUESTED</b>	<b>NEW = N REP = R</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>	<b>AMOUNT REQUESTED</b>	<b>JUSTIFICATION</b>
	<b>CARRY OVER</b>						
6715	Drivers Testing-West 'O' Repair & Improvement to Building		R	7,000	7,000	7,000	Replace one furnace
6715	Drivers Testing-West 'O' Repair & Improvement to Building	2	R	24,000	24,000	24,000	Replace asphalt shingled roof and gutters
6715	Drivers Testing-West 'O' Repair & Improvement to Building	3	R	1500	1500	1,500	Concrete curb repair
6715	Drivers Testing-West 'O' Repair & Improvement to Building	4	R	1500	1500	1,500	Replace tile in mechanical room
<b>TOTAL CAPITAL OUTLAY</b>						<b>34,000</b>	

Facility :: Project	Turn-key Cost Estimate	Max Utility Rebate (one-time)	Future Capital Cost Avoided*	Year 1 Utility Savings	Year 1 Maint. Savings	Avg. Annual Savings	Net Project Cost	Simple Payback
<b>County Facilities</b>								
County Extension :: Replace HVAC Equipment, Retro-commission HVAC Control System	\$ 580,000	\$ 800	\$ 448,000	\$ 6,067	\$ 3,000	\$ 14,379	\$ 131,200	9.1
County Extension :: Replace Windows and Entry Doors	\$ 130,000	\$ 1,000	\$ 101,000	\$ 2,933	\$ -	\$ 4,652	\$ 28,000	6.0
County Extension :: Replace Existing Modified Bitumen Roof	\$ 130,000	\$ -	\$ 102,000	\$ 403	\$ -	\$ 640	\$ 28,000	43.8
County Extension :: Exterior LEDs and Lighting Controls	\$ 23,000	\$ -	\$ 18,000	\$ 340	\$ 242	\$ 923	\$ 5,000	5.4
<b>County Extension Facility Total</b>	<b>\$ 863,000</b>	<b>\$ 1,800</b>	<b>\$ 669,000</b>	<b>\$ 9,744</b>	<b>\$ 3,242</b>	<b>\$ 20,593</b>	<b>\$ 192,200</b>	<b>9.3</b>
County Engineering & Shop :: LED Lighting Retrofits (inserts) and Controls	\$ 36,000	\$ 11,700	\$ 29,000	\$ 4,560	\$ 2,755	\$ 11,601	\$ (4,700)	-0.4
County Engineering & Shop :: Replace Office Rooftop Unit, RCx Office HVAC Controls and expand to Shop	\$ 320,000	\$ -	\$ 246,000	\$ 5,951	\$ 2,000	\$ 12,609	\$ 74,000	5.9
County Engineering & Shop :: Replace Older Windows and Weatherization	\$ 130,000	\$ 1,000	\$ 101,000	\$ 1,172	\$ -	\$ 1,858	\$ 28,000	15.1
<b>County Engineering &amp; Shop Facility Subtotal</b>	<b>\$ 486,000</b>	<b>\$ 12,700</b>	<b>\$ 376,000</b>	<b>\$ 11,683</b>	<b>\$ 4,755</b>	<b>\$ 26,068</b>	<b>\$ 97,300</b>	<b>3.7</b>
County Election Commission :: Exterior LEDs and Lighting Controls	\$ 14,000	\$ -	\$ 11,000	\$ 110	\$ 50	\$ 253	\$ 3,000	11.8
County Election Commission :: Replace Furnaces and Heat Pumps, Controls	\$ 45,000	\$ 800	\$ 35,000	\$ 1,120	\$ -	\$ 1,776	\$ 9,200	5.2
County Election Commission :: Replace Gutters and Downspouts	\$ 13,000	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 3,000	N/A
<b>County Election Commission Facility Total</b>	<b>\$ 72,000</b>	<b>\$ 800</b>	<b>\$ 56,000</b>	<b>\$ 1,230</b>	<b>\$ 50</b>	<b>\$ 2,029</b>	<b>\$ 15,200</b>	<b>7.5</b>
County Motor Vehicle :: Replace HVAC System with ASVRF-DOAS and Controls**	\$ 980,000	\$ -	\$ 759,000	\$ 5,567	\$ 2,000	\$ 12,000	\$ 221,000	18.4
County Motor Vehicle :: Replace Roof, New Gutters/downspouts	\$ 210,000	\$ -	\$ 163,000	\$ -	\$ -	\$ -	\$ 47,000	N/A
County Motor Vehicle :: Re-seal, Weatherize Envelope	\$ 5,300	\$ 1,000	\$ 5,000	\$ 31	\$ -	\$ 49	\$ (700)	-14.4
County Motor Vehicle :: Exterior LEDs and Lighting Controls	\$ 5,700	\$ -	\$ 5,000	\$ 261	\$ 223	\$ 768	\$ 700	0.9
<b>County Motor Vehicle Facility Subtotal</b>	<b>\$ 1,201,000</b>	<b>\$ 1,000</b>	<b>\$ 932,000</b>	<b>\$ 5,858</b>	<b>\$ 2,223</b>	<b>\$ 12,816</b>	<b>\$ 268,000</b>	<b>20.9</b>
County Driver's Testing :: Replace HVAC System with ASVRF-DOAS and controls**	\$ 370,000	\$ -	\$ 289,000	\$ 2,194	\$ 700	\$ 4,589	\$ 81,000	17.7
County Driver's Testing :: Replace Roof, New Gutters/downspouts	\$ 89,000	\$ -	\$ 69,000	\$ -	\$ -	\$ -	\$ 20,000	N/A
County Driver's Testing :: Weatherize Envelope	\$ 3,600	\$ 1,000	\$ 3,000	\$ 66	\$ -	\$ 104	\$ (400)	-3.8
County Driver's Testing :: Exterior LEDs and Lighting Controls	\$ 7,500	\$ -	\$ 6,000	\$ 103	\$ 88	\$ 304	\$ 1,500	4.9
<b>County Driver's Testing Facility Subtotal</b>	<b>\$ 470,100</b>	<b>\$ 1,000</b>	<b>\$ 367,000</b>	<b>\$ 2,363</b>	<b>\$ 788</b>	<b>\$ 4,997</b>	<b>\$ 102,100</b>	<b>20.4</b>
Youth Services :: LED Lighting Retrofits and Controls	\$ 30,000	\$ -	\$ 24,000	\$ 2,802	\$ 1,358	\$ 6,597	\$ 6,000	0.9
Youth Services :: New CHW Plant, HW Plant and Control System	\$ 1,300,000	\$ 1,600	\$ 997,000	\$ 48,679	\$ 5,000	\$ 85,127	\$ 301,400	3.5
Youth Services :: Polarized Air Filtration Media	\$ 100,000	\$ -	\$ 81,000	\$ 5,833	\$ 500	\$ 10,043	\$ 19,000	1.9
Youth Services :: Replace Roof	\$ 760,000	\$ -	\$ 587,000	\$ 605	\$ -	\$ 959	\$ 173,000	180.4
Youth Services :: Re-seal and Weatherize Envelope	\$ 14,000	\$ 1,000	\$ 11,000	\$ 124	\$ -	\$ 197	\$ 2,000	10.2
<b>Youth Services Facility Subtotal</b>	<b>\$ 2,204,000</b>	<b>\$ 2,600</b>	<b>\$ 1,700,000</b>	<b>\$ 58,042</b>	<b>\$ 6,858</b>	<b>\$ 102,922</b>	<b>\$ 501,400</b>	<b>4.9</b>
<b>County Facilities Total</b>	<b>\$ 5,296,100</b>	<b>\$ 19,900</b>	<b>\$ 4,100,000</b>	<b>\$ 88,920</b>	<b>\$ 17,916</b>	<b>\$ 169,426</b>	<b>\$ 1,176,200</b>	<b>6.9</b>

\*Future Capital Costs Avoided are 360 EE's engineering estimate of what it would cost the Client to self-perform a similar project but without the benefit of professional engineering, construction management, and procurement support that we would provide.

\*\*ASVRF-DOAS=Air Source Variable Refrigerant Flow - The building cannot be properly zoned given the limitations of the current system. VRF is the only system that can be applied to buildings of this size to achieve better zoning and also benefit from sharing of heat from the core to perimeter spaces in cold weather. A life cycle cost comparison cannot account for the non-monetary differences in comfort.

Solar PV Installations								
Facility :: Project	Turn-key Cost Estimate	Max Utility Rebate (one-time)	SITC @ 30%	kW	Annual Savings per kW**	Avg. Annual Utility Savings*	Net Project Cost	Simple Payback
<b>County Facilities</b>								
County Extension :: Solar PV (8.4 kW)	\$ 33,000	\$ 3,990	\$ 9,900	8.4	\$ 206	\$ 1,727	\$ 19,110	11.1
County Engineering & Shop :: Solar PV (54.6 kW)	\$ 210,000	\$ 25,935	\$ 63,000	54.6	\$ 140	\$ 7,647	\$ 121,065	15.8
County Election Commission :: Solar PV (12.5 kW)	\$ 41,000	\$ 5,985	\$ 12,300	12.5	\$ 146	\$ 1,827	\$ 22,715	12.4
County Motor Vehicle :: Solar PV (26.5 kW)	\$ 86,000	\$ 11,875	\$ 25,800	26.5	\$ 289	\$ 7,668	\$ 48,325	6.3
County Driver's Testing :: Solar PV (14 kW)	\$ 46,000	\$ 6,698	\$ 13,800	14.0	\$ 148	\$ 2,076	\$ 25,502	12.3
Youth Services :: Solar PV (40 kW)	\$ 210,000	\$ 18,953	\$ 63,000	40.0	\$ 163	\$ 6,529	\$ 128,047	19.6
<b>County Facilities Solar Total</b>	<b>\$ 626,000</b>	<b>\$ 73,436</b>	<b>\$ 187,800</b>			<b>\$ 20,665</b>	<b>\$ 364,764</b>	<b>17.7</b>
<b>PBC Facilities</b>								
K-Street Records Storage :: Solar PV (78.3 kW)	\$ 310,000	\$ 37,193	\$ 93,000	78.3	\$ 68	\$ 5,325	\$ 179,807	33.8
Health Department :: Solar PV (108 kW)	\$ 420,000	\$ 47,453	\$ 126,000	108.0	\$ 63	\$ 6,819	\$ 246,547	36.2
Northeast Senior Ctr.:: Solar PV (10.5 kW)	\$ 41,000	\$ 4,988	\$ 12,300	10.5	\$ 124	\$ 1,304	\$ 23,712	18.2
<b>PBC Facilities Solar Total</b>	<b>\$ 771,000</b>	<b>\$ 89,634</b>	<b>\$ 231,300</b>			<b>\$ 13,448</b>	<b>\$ 450,066</b>	<b>33.5</b>

\*Does not include ANY demand reduction. Demand would likely decrease.

\*\*Net metering versus Producer program and the rate currently paid.