



**Prince George's County Public Schools**  
13300 Old Marlboro Pike  
Upper Marlboro, Maryland 20772

**October 15, 2017**

**COMPREHENSIVE  
MAINTENANCE PLAN  
FY 2018**

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# Board Action Summary

An Outline of the Chief Executive Officer's Recommendation to the Board of Education

New Program: Yes  No

Modified Program: Yes  No

Subject: FY 2018 Comprehensive Maintenance Plan

**Abstract and Highlights:** That the Board of Education accept the recommendation of the Chief Executive Officer and approve the FY 2018 Comprehensive Maintenance Plan (CMP) as required by the State of Maryland's Interagency Committee on School Construction and the Public School Construction Program.

Prince George's County Public Schools' required maintenance activities are reasonable to keep school facilities open and safe for use. The CMP details strategies to maximize efficiencies in each facility and minimize the need for replacement or major repairs.

**Budget Implications:** None as presented in the Comprehensive Maintenance Plan; however, estimated costs are presented for planning purposes.

**Staffing Implications:** None

**School(s) Affected:** All Prince George's County Facilities



Preparation Date: July 24, 2017

Person Preparing: Sam Stefanelli

Board Agenda Introduction Date (First Reader): August 24, 2017

Board Action Date (Second Reader): September 7, 2017

Endorsed: \_\_\_\_\_  
*Associate Superintendent of Supporting Services*

Endorsed: \_\_\_\_\_  
*Chief Operating Officer*

Endorsed: \_\_\_\_\_  
*Deputy Superintendent*

Approved: \_\_\_\_\_  
*Chief Executive Officer*

**PRINCE GEORGE'S COUNTY PUBLIC SCHOOLS**  
Upper Marlboro, Maryland 20772

**RESOLUTION**

**WHEREAS**, the Comprehensive Maintenance Plan must be submitted by October 15, 2017 in accordance with the State of Maryland's Interagency Committee on Public School Construction and the Public School Construction Program; and

**WHEREAS**, the staff of the Department of Building Services have worked collaboratively to develop a comprehensive and thorough document; and

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Education accepts the Chief Executive Officer's recommendation to approve the FY 2018 Comprehensive Maintenance Plan.

<b>Submitted by:</b>	_____ Sam Stefanelli _____
<b>Agenda Date:</b>	_____ August 24, 2017 _____
<b>Discussion:</b>	_____ _____
<b>First Reader:</b>	_____ August 24, 2017 _____
<b>Second Reader:</b>	_____ September 7, 2017 _____
<b>Emergency:</b>	_____ _____
<b>Amended:</b>	_____ _____
<b>Deferred:</b>	_____ _____
<b>Tabled:</b>	_____ _____
<b>Approved:</b>	_____ _____

## **Executive Summary**

This Comprehensive Maintenance Plan (CMP) for Prince George's County Public Schools (PGCPS) provides a strategic overview of Building Services. Building Services is comprised of two departments: The Department of Maintenance and the Department of Plant Operations. The CMP provides an overview of procedures, schedules and projects by schools focused on providing the best learning environment through safe and healthy conditions for all of our students. Our staff of dedicated maintenance professionals take great pride in providing a learning environment where children can achieve success in all of their instructional programming.

The Department of Maintenance staff continues to work collaboratively with Capital Programs providing such services/inputs as: (1) selecting of projects to be included in capital budget; (2) managing selected capital projects, (3) providing specifications for design of capital projects; (4) providing post completion audits of capital projects.

We continue to implement a computerized facility management system, "School Dude." We have successfully implemented the Maintenance Module of School Dude, and as July 1, 2017, have fully implemented the Facility Use module in all facilities as the official scheduling calendar. Community Scheduling Calendar is scheduled to roll out January 1, 2018. Additionally, we are piloting several new modules including Inventory Direct, Utility Management, Capital Forecasting, and Preventive Maintenance.

We will continue to provide ongoing communication of our mission, core services, and objectives through a series of meetings with all staff planned for the 2017-2018 school year.

## **Mission Statement**

To provide a clean, healthy, and safe working environment for students, staff and the community.

The objectives of the mission statement are aligned with the Educational Facilities Master Plan and the Capital Improvement Plan as follows:

- Maintain positive learning environments conducive to high student achievement.
- Provide uninterrupted use of all facilities supportive of highly effective teaching.
- Comply with all pertinent Federal, State, and local governmental regulations resulting in a safe and supportive school environment.
- Create comfortable and attractive teaching environments that reassure and strengthen community partnerships.
- Effectively and efficiently protect the asset value of all facilities, equipment and grounds while conserving energy, water and resources.

Our efforts are directed towards ensuring that all school environments are conducive to teaching and learning and ensuring our schools are attractive and encourage use by the general community.

## Services Overview

Building Services is comprised of two departments Maintenance and Plant Operations. Our mission is to provide a safe, clean, and healthy environment for all schools, administrative facilities, students, and staff. Additionally, Building Services is responsible for environmental and air quality, real property management, and pest control. Building Services is supported by central office staff to meet the mission of the departments.

### **Building Services Office Staff**

The Building Services' office staff is organized to provide guidance and support for the department. Central office staff includes the following positions:

1. Director
2. Facilities Supervisor - Plant Operations
3. Facilities Supervisor – Maintenance
4. Facility Management System Coordinator
5. Environmental Program Specialist
6. Management Analyst
7. Facility Coordinators
8. Shop Coordinator
9. Training Coordinator
10. Shop Planners
11. Building Supervisors
12. Custodial Services/Auxiliary Crew
13. Budget/Financial Analyst
14. Data Planning Analyst
15. Emergency Repairs Dispatcher
16. Support Staff

### **Maintenance**

Maintenance provides healthy and functional working environments to all schools and offices. Specific functions within the Department of Maintenance include the managing and tracking of the following:

1. Work Order Control
2. Emergency Repairs
3. Routine Maintenance and Repair
4. Preventive Maintenance
5. Training
6. Assessment and Inspections
7. Refurbishment and Replacement of Building Systems Support
8. Relocating of Temporary Buildings
9. Building Automation Management
10. Disaster Response
11. Grounds Maintenance

## **Plant Operations**

Plant Operations provides custodial services and building services to school and office facilities. This is accomplished with dotted line reporting responsibility of the school based Building Supervisors and shared management of school based custodians with school principals. Specific functions within the Department of Plant Operations include the managing and tracking of the:

1. Building and Equipment Management
2. Custodial Services
3. Emergency Repairs
4. Training
5. Maintaining Grounds, including Snow Removal
6. Facility Use Management
7. Facility Inspections
8. Preventive Maintenance
9. Staff Management
10. Disaster Response & Clean-up

## **Environmental Safety**

Environmental Safety provides a healthy learning environment for students at all schools as well as a safe working environment for staff. This is accomplished by ensuring that the air and water are safe; and there is no exposed asbestos. Specific functions for Environmental Safety include:

1. Facility Inspections
2. Remove Exposed Asbestos
3. Coordinate Projects with Capital Programs
4. Test and Maintain Water Quality
5. Test and Maintain Air Quality
6. Test and Remediate Lead Based Paint
7. Training

## **Pest Control**

Pest Control provides a pest-free environment to school and office facilities. This is accomplished with environmentally safe and code approved products. Specific functions for Pest Control include:

1. Facility Inspections
2. Treatment of Facilities
3. Removal of Pests and Small Animals
4. Training

### **Real Property Management**

The single point of contact for real estate matters for the Prince George's County Board of Education is the Director of Building Services who coordinates with the offices of the General Counsel and Capital Programs, and prepares documents for action by the Board of Education including:

1. Lease of School Property
2. Acquisition of School Property
3. Space Allocation
4. Management of Vacant Properties

### **Training**

The Building Services Training Specialist is responsible for the coordination, development, oversight, and management of all professional development classes, seminars, workshops and presentations for the departments. The three training goals are: Preventing Accidents; Increasing Employee Knowledge; and Improving Performance.

Training objectives include: how to prevent accidents or near misses; job responsibilities for employees who have a new assignment or who are a new hire; a review of policies and procedures; and review of new tools and equipment. Training objectives will also be determined based on the needs of the staff through assessments.

As we invest in new technology in the form of building systems and equipment, we are committed to increasing the knowledge base of our custodial and maintenance employees to protect the State and county's investment in Prince George's County Public Schools. Comprehensive training for staff in partnership with Prince George's County Community College will include the attainment of certification in Facility Management which will have a direct impact on reducing costs, improving productivity and pursuing sustainability.

## Functions

The Building Services' staff provides support in 11 functional areas identified below for over 237 facilities housing students and central office staff.

- Building Services' Office Support to all Divisions and Offices
- Building and Equipment Management
- Routine Maintenance and Repair of Buildings and Building Systems
- Assessments and Inspections
- Refurbishment and Replacement of Building Systems
- Building Automation Management
- Facility Use Management
- Pest Control
- Environmental Safety
- Real Property Management
- Training

### **Building Services' Office Support to all Divisions and Offices**

Services to the divisions and offices of Information Technology, Business Management Services, Student Services, Performance Management, Curriculum and Instruction, Human Resources, and Area offices are coordinated through two central locations including the Facilities Administration Building and the Facility Services Base. The Facilities Administration Building houses office staff and the Facility Services Base houses the Master Foremen, shop crews and clerical staff. These two offices are in close proximity and interact throughout the day.

The Department of Plant Operations manages the after school use of our facilities. Board of Education Policy 1330 and Administrative Procedure 1330 details in accordance with MD Ann. Code, Educ, Art. § 7-108-110 the guidelines that govern the use of our facilities by community groups. Community groups are charged a fee to cover the operation, maintenance, custodial and food service costs associated with the use of the building. The process is currently managed by one staff member. This process has been automated for all internal users through our Facility Use module of School Dude and we will roll out the program for external groups in January 2018.

### **Building and Equipment Management**

Building Services' utilizes custodial staff and building supervisors to provide a clean, safe, and functional building inside and out, for the wellbeing of all students, staff, and community members. Each facility is assigned custodial staff and a Building Supervisor to maintain the building in accordance with all policies and procedures.

Building Services also performs a wide variety of routine maintenance and repair services at all PGCPs facilities. Routine maintenance and repairs to building components and systems are made in the areas of heating, ventilation, air conditioning, electrical, carpentry, roofing, grounds, masonry, painting, glass, and plumbing. The Maintenance Department plays a critical role in general maintenance areas of

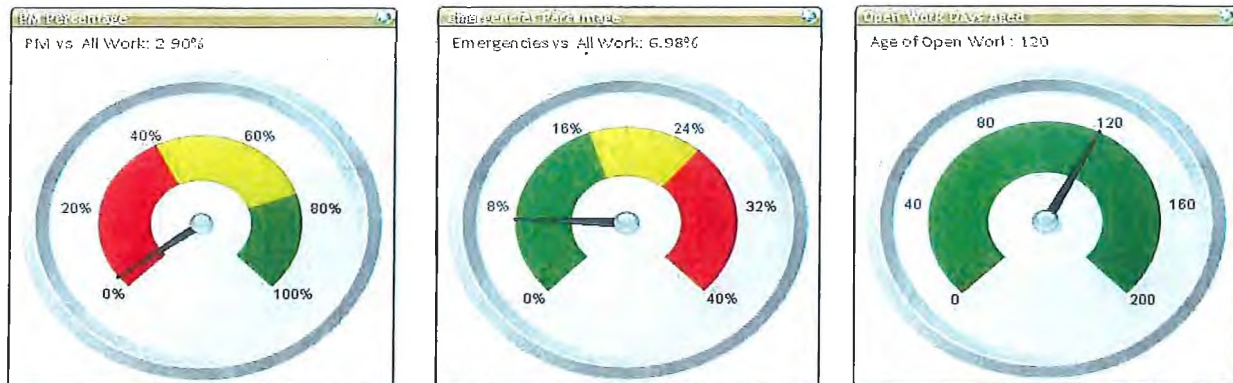
landscaping, grass cutting, snow removal, temporary building relocations, locksmith/security, trash removal, and general hauling and excavation.

Preventive Maintenance is a function that ensures quality control of mechanical systems currently being updated to align with new policies and procedures. In addition, Facility Coordinators assess facility needs in order to compile data, and coordinate the execution of preventive maintenance at each facility. We are currently updating Building Services software management system with a program that will allow for preventive maintenance quality control and will roll this out during the 2017-2018 school year.

The Maintenance Direct module of School Dude is fully operational. Standard Operating Procedures have been developed and disseminated to reinforce proper practice and establish guidelines as to how the work order system will be used. The information provided must be followed and staff is held accountable. Standard Operating Procedures have included topics such as: Work Order Status-Work in Progress, Action Taken, Priority Emergency, Duplicate Work Orders, Work Orders Requiring Multiple Shops, Daily Technician Procedures, Parts On Order, Work Order Reassignment, and Open Extended Work Orders.

As part of the Chief Executive Officer's Strategic Plan we established the goal to decrease the average age of open work orders. Since the implementation of Maintenance Direct in January 2014 and including data from our previous system ACT 1000, we have decreased the average age of open work orders from 164 days to 120 days. All work orders submitted prior to 2015 have been completed and are closed. We have completed and closed 99% of submitted work orders in 2015.

During the 2016-2017 school year, 43,629 work orders were submitted and our goal for the 2017-2018 school year is to decrease the average age of open work orders from 120 to 100 days. From January 2016 to present 2.9% of all work orders submitted are preventive maintenance. We continue to work to increase this percentage by adding preventive maintenance schedules to our system. Of the work orders submitted 6.98% were emergency work orders.



### **Assessments and Inspections**

Formal roofing inspections are performed every six months per State directive. Formal playground, bleacher, sprinkler, fire hydrant, and other “specialty” inspections are completed periodically. Also, an annual comprehensive building site evaluation is completed using the State of Maryland’s Public School Construction Program’s format. The Preventive Maintenance module in School Dude will allow us to create scheduled work orders to provide consistency. Building Services uses this collective set of inspections to identify and prioritize future projects.

### **Refurbishment and Replacement**

Formal routine facility assessments are conducted annually by Building Services with ongoing data compiled to determine a life-cycle plan to refurbish or replace facility equipment and building components. Building Services maintains the refurbishment and replacement schedule of all equipment to compile future projects and requests in the Capital Improvement Program.

### **Building Automation Management**

Building Services has made significant progress in providing to many of our schools an automated Energy Management System. This allows a higher level of maintaining a conducive learning environment for all students. These schools are incorporated into METAXY’S System and are managed by computerized controls for cooling and heating systems. It is also monitored by staff trained in energy management to maintain the proper calibrations at all times. This allows for a quick response time for repairs and adjustments, with little down time.

### **Environmental Safety**

Asbestos Inspection surveys are conducted at each facility every three years and periodic surveillances are conducted every six months, at each facility. Findings are analyzed and asbestos abatement is completed as needed. The scheduling of abatement projects are prioritized each year and coordinated with Building Services and Capital Program projects.

Air Quality is tested and analyzed on an as needed basis. Action is collaborated with Building Services’ Coordinators, Master Foremen, and Capital Programs to remediate air quality issues that do not meet standards.

Water is tested at point sources in facilities with wells (Baden Elementary School and the William Schmidt Center) on a quarterly basis to ensure water quality and is treated, as needed. Training is conducted with building custodians each year to ensure awareness of asbestos in facilities.

The school system has developed and implemented a Lead in Water Testing and Remediation plan which started in April 2017. During each cycle, 70 schools will be tested and then remediated as determined by the test results. All drinking sources testing 10 parts per billion will be remediated and retested. Bottled water will be provided where needed. Filtered drinking fountains are being placed in all multi-purpose rooms in all schools (2 in all middle and high schools and 1 in all elementary schools). Additionally, outside all gymnasiums in all elementary, middle and high schools, a double ADA compliant bottle fill station will be installed.

Pest Control provides a healthy environment for all students and staff by inspecting kitchens and teacher lounges every 30 days at each school site and providing treatment, as needed. In addition, emergency inspections and treatments are conducted on an as needed basis at all facilities.

### **Maintenance and Plant Operation Disaster Response**

The Department of Building Services responds to disasters, including, but not limited to, tornadoes, fires, earthquakes, hurricanes, and flooding. With a collaborative effort, staff has demonstrated the ability to conduct a fast coordinated and sustained response to assess facilities for safety concerns, establish an action log of needs, and execute all work in a timely manner to ensure students and staff have a safe, clean, and functional facility.

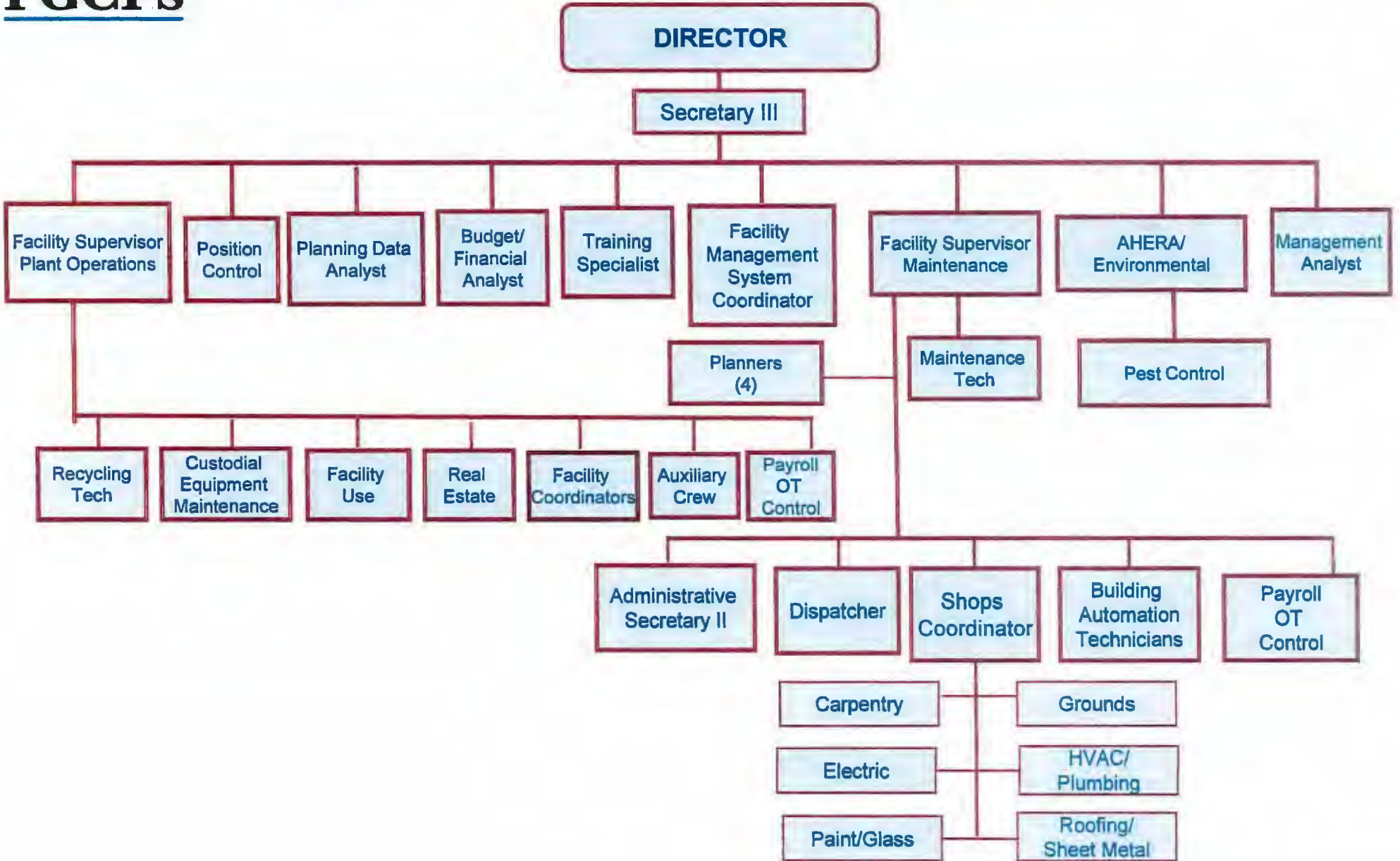
### **Training**

Building Services is committed to providing a robust training program for our employees. Training topics will be developed, in part, based on the results of a pretest given to employees to identify training needs. A goal of the training program will be to decrease accidents and to increase employee's knowledge base and performance as measured by increased work productivity.

An Apprentice Program is being developed to provide a four to five year training program for employees assigned to a specific shop. Training courses will be designed to best prepare the employee for the assigned trade. Apprentices will work on assigned projects for generally forty hours per week. As the apprentice successfully competes each year of training, they will graduate to the next level and are compensated with an increase in pay. Funding for the Apprentice Program comes from vacant positions that the Apprentice will eventually fill when the program is completed.



# Department of Building Services Organization Chart



## **Staffing and Budget**

Attachment A provides the FY 2018 Approved Building Services Staff and Operating Budget document.

	FY 2018 Approved	FY 2018 Approved
Organization	FTE	Funding
Building Services	352.00	67,200,063
<b>TOTAL ORGANIZATION STAFFING &amp; EXPENDITURES</b>	<b>352.00</b>	<b>\$ 67,200,063</b>

OPERATING BUDGET STAFFING & EXPENDITURES

UNRESTRICTED Staffing by Position

Building Services	FY 2016 Actual	FY 2017 Approved	FY 2017 Revised	FY 2018 Approved	Change FY 2017 to FY 2018
<b>Position</b>					
Administrative Support Specialist	1.00	1.00	1.00	1.00	0.00
Administrative Support Technician	4.00	4.00	4.00	4.00	0.00
Assistant Building Supervisor	1.00	1.00	1.00	1.00	0.00
Auxiliary Building Supervisor	21.00	21.00	21.00	21.00	0.00
Building Supervisor	7.00	7.00	7.00	7.00	0.00
Cleaner	13.00	13.00	13.00	13.00	0.00
Clerk	1.00	1.00	1.00	1.00	0.00
Custodial Equipment Mechanical	3.00	3.00	3.00	3.00	0.00
Custodial Equipment Operator	1.00	1.00	1.00	1.00	0.00
Director	1.00	1.00	1.00	1.00	0.00
Dispatcher	1.00	1.00	1.00	1.00	0.00
Equipment Operator	21.00	21.00	21.00	21.00	0.00
Financial Analyst	1.00	1.00	1.00	1.00	0.00
Journeyman	143.00	143.00	143.00	143.00	0.00
Laborer	3.00	3.00	3.00	3.00	0.00
Licensed Journeyman	35.00	35.00	35.00	35.00	0.00
Licensed Trades Supervisor	6.00	6.00	6.00	6.00	0.00
Maintenance Coordinator	6.00	6.00	6.00	6.00	0.00
Maintenance Planner	4.00	4.00	4.00	4.00	0.00
Night Cleaner Lead	5.00	5.00	7.00	7.00	2.00
Pest Controller	3.00	3.00	3.00	3.00	0.00
Secretary	10.00	10.00	10.00	10.00	0.00
Support Officer	1.00	0.00	1.00	1.00	1.00
Support Supervisor	2.00	3.00	2.00	2.00	(1.00)
Technical Resource Analyst	5.00	5.00	5.00	5.00	0.00
Trades Helper	30.00	30.00	30.00	30.00	0.00
Trades Supervisor	14.00	14.00	14.00	14.00	0.00
Truck Driver	7.00	7.00	7.00	7.00	0.00
<b>UNRESTRICTED Staffing</b>	<b>350.00</b>	<b>350.00</b>	<b>352.00</b>	<b>352.00</b>	<b>2.00</b>
<b>TOTAL OPERATING STAFFING</b>	<b>350.00</b>	<b>350.00</b>	<b>352.00</b>	<b>352.00</b>	<b>2.00</b>

UNRESTRICTED Expenditures by Object / Sub-Object

Building Services	FY 2016 Actual	FY 2017 Approved	FY 2017 Revised	FY 2018 Approved	Change FY 2017 to FY 2018
<b>Salaries &amp; Wages</b>					
Drivers of Vehicles	381,712	404,783	404,783	416,914	12,131
Grievance Settlements	26,910	-	-	-	-
Hourly Instructional	180	-	-	-	-
Laborers, Unskilled	1,374,881	1,538,452	1,538,452	1,566,394	27,942
Other Admin/Professionals/Specialists	1,793,355	1,897,733	1,897,733	1,917,984	20,251
Other Support Staff	251,901	319,896	319,896	329,471	9,575
Overtime	3,365,738	1,557,123	1,557,123	1,588,123	31,000
Secretaries & Clerks	569,303	638,036	638,036	634,255	(3,781)
Service Worker	2,205,458	2,258,947	2,258,947	2,370,140	111,193
Skilled Crafts	13,897,005	15,149,712	15,149,712	15,518,328	368,616
Substitute Teacher	(200)	-	-	-	-
Summer Assignment	88,252	117,410	117,410	137,410	20,000
Support Staff	-	5,756	5,756	5,756	-
Temporary Custodian	1,842,931	1,198,616	1,198,616	1,253,616	55,000
Temporary Office Worker	4,478	-	-	-	-
Terminal Leave Payout	76,186	-	-	-	-

Unrestricted Unallocated Full-Time	19,142	-	-	-	-
<b>Salaries &amp; Wages Total</b>	<b>25,897,232</b>	<b>25,086,464</b>	<b>25,086,464</b>	<b>25,738,391</b>	<b>651,927</b>
<b>Employee Benefits</b>					
FICA/Medicare	1,819,677	1,795,373	1,795,373	1,840,243	44,870
Insurance Benefits-Active Employees	3,385,837	3,464,135	3,464,135	3,649,062	184,927
Life Insurance	80,020	87,270	87,270	88,008	738
Retirement/Pension-Employee	1,702,008	1,836,780	1,836,780	1,852,661	15,881
Workman's Compensation	512,969	470,750	470,750	483,200	12,450
<b>Employee Benefits Total</b>	<b>7,500,511</b>	<b>7,654,308</b>	<b>7,654,308</b>	<b>7,913,174</b>	<b>258,866</b>
<b>Contracted Services</b>					
Asbestos Removal & Related Testing	1,874,697	500,000	500,000	550,000	50,000
Lease/Purchases-Energy Management	9,306,527	9,506,528	9,506,528	9,656,528	150,000
M&R Buildings	5,520,456	2,583,241	2,583,241	2,969,484	386,243
M&R Equipment	174,576	25,400	25,400	25,400	-
M&R of Vehicle Insurance Related	132,496	190,000	190,000	190,000	-
M&R Vehicles	2,785,165	3,479,741	3,479,741	3,479,741	-
Other Contracted Services	498,530	179,554	179,554	179,554	-
Outside Printing	-	1,525	1,525	1,525	-
Printing In-House	14,946	33,429	33,429	33,429	-
Rental of Buildings	6,801	-	-	-	-
Software License	26,500	116,545	116,545	116,545	-
Technical Contracted Services	-	44,865	44,865	44,865	-
<b>Contracted Services Total</b>	<b>20,340,694</b>	<b>16,660,828</b>	<b>16,660,828</b>	<b>17,247,071</b>	<b>586,243</b>
<b>Supplies &amp; Materials</b>					
Custodial Supplies	1,528,125	1,518,267	1,518,267	1,518,267	-
Maintenance Supplies	10,447,639	6,150,043	8,398,312	10,242,454	4,092,411
Office Supplies	14,171	9,850	9,850	9,850	-
Other Charges	205,618	-	-	-	-
Other Miscellaneous Supplies	-	189,450	189,450	189,450	-
Tool Allotment-Reimbursement	47,183	70,000	70,000	70,000	-
<b>Supplies &amp; Materials Total</b>	<b>12,242,736</b>	<b>7,937,610</b>	<b>10,185,879</b>	<b>12,030,021</b>	<b>4,092,411</b>
<b>Other Operating Expenses</b>					
Cellular Phones	31,063	26,360	26,360	26,360	-
Electricity	239,804	310,625	310,625	310,625	-
Fees, Fines & Licenses	1,088,845	961,655	961,655	961,655	-
Fuel Oil	30,259	1,363,235	1,363,235	1,363,235	-
Local Travel-Per Mile Basis	12,294	31,498	31,498	31,498	-
Natural Gas	712,857	330,000	330,000	330,000	-
Propane Gas	11,740	272,000	272,000	272,000	-
Registration Fees	400	900	900	900	-
Water & Sewage	19,989	548,152	548,152	548,152	-
<b>Other Operating Expenses Total</b>	<b>2,147,251</b>	<b>3,844,425</b>	<b>3,844,425</b>	<b>3,844,425</b>	<b>-</b>
<b>Capital Outlay</b>					
Buildings & Additions	1,652	-	-	-	-
Misc Other Equipment Over \$499	282,653	-	426,981	426,981	426,981
<b>Capital Outlay Total</b>	<b>284,305</b>	<b>-</b>	<b>426,981</b>	<b>426,981</b>	<b>426,981</b>
<b>UNRESTRICTED Expenditures</b>	<b>\$ 68,412,729</b>	<b>\$ 61,183,635</b>	<b>\$ 63,858,885</b>	<b>\$ 67,200,063</b>	<b>6,016,428</b>
<b>TOTAL OPERATING EXPENDITURES</b>	<b>\$ 68,412,729</b>	<b>\$ 61,183,635</b>	<b>\$ 63,858,885</b>	<b>\$ 67,200,063</b>	<b>6,016,428</b>

**OPERATING Expenditures by Cost Center**

Cost Center Number	Description	FY 2018 Approved
32030	Maintenance	30,446,834
32032	Building Services-Preventative Maintenance	594,583
32033	Building Services-Electric Shop	4,255,526
32034	Building Services-Paint Shop	2,587,849
32035	Building Services-Refuse Shop	542,387
32036	Building Services-Roofing/Sheet Metal Shop	2,235,038
32037	Building Services-Grounds Shop	4,616,448
32038	Building Services-Carpenter Shop	3,800,237
32039	Building Services-Plumbing/HVAC Shop	6,195,490
32040	Plant Operations	10,320,703
35245	Safety Office	1,604,968
<b>TOTAL OPERATING EXPENDITURES BY COST CENTER</b>		<b>\$ 67,200,063</b>

## **Fleet and Equipment List**

Attachment B provides a list of all vehicles and equipment including, where applicable, the vehicle number, year, make, model, VIN, tag number, mileage and the date the vehicle was acquired.

DEPARTMENT: 601132030 - Repair Maintenance					
#6807	\$5,192.00	2005 MILLER WELDER	6802	X	06/01/2005
#6808	\$5,192.00	2005 MILLER WELDER	6803	X	06/01/2005
#8891	\$0.00	1999 ONAN GENERATOR	1850	x	09/07/2000
#8896	\$0.00	2004 LANDA PRESS WASH	5853	x	09/20/2004
0500	\$54,651.00	2011 ISUZU UTILITY BOX TK	JALE5W166B7300387	LG91201	02/04/2010
0501	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL6ADA98685	LG91036	09/15/2010
0502	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL0ADA98682	LG91041	09/15/2010
0503	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL2ADA98683	LG91046	09/15/2010
0504	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL4ADA98684	LG91045	09/15/2010
0505	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL9ADA98681	LG91044	09/15/2010
0600	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W163A7300703	LG89239	06/09/2010
0601	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W167A7301594	LG89238	07/12/2010
0602	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL1ADA98688	LG91043	09/15/2010
0603	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL3ADA98689	LG91042	09/15/2010
0604	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL1ADA98691	LG91039	09/15/2010
0605	\$19,630.00	2010 FORD CARGO VAN	1FTSE3ELXADA98687	LG91037	09/15/2010
0606	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL8ADA98686	LG91038	09/15/2010
0607	\$19,630.00	2010 FORD CARGO VAN	1FTSE3ELXADA98690	LG91040	09/17/2010
0700	\$15,000.00	1987 CASE LOADER	17956342	X	09/08/1989
0703	\$129,270.00	2011 INTER DUMP	1HTWDAAR7BJ368659	LG91143	12/20/2010
0713	\$129,270.00	2011 INTER DUMP	1HTWDAAR3BJ368660	LG91145	01/04/2011
0714	\$129,294.79	2011 INTER DUMP	1HTWDAAR5BJ368661	LG91142	12/20/2010
0715	\$129,270.00	2011 INTER DUMP	1HTWDAAR7BJ368662	LG91144	12/20/2010
0736	\$6,613.00	1980 JACOB TRACTOR	660421949	X	05/23/1980
0802	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W164A7301326	LG88972	06/09/2010
0803	\$54,713.18	2010 ISUZU UTILITY BOX TK	JALE5W162A7300756	LG88971	06/09/2010
0806	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W169A7301595	LG88970	06/09/2010
0809	\$20,930.00	2000 CHEVR CARGO VAN	1GCHG35R3Y1110120	LG57826	09/21/1999
0810	\$20,930.38	2000 CHEVR CARGO VAN	1GCHG35R7Y1113134	LG57829	09/24/1999
1552	\$20,963.93	2001 CHEVR CARGO VAN	1GCHG35R111202297	LG59507	06/01/2001
1701	\$0.00	1990 HUSLR MOWER	4089802	X	08/01/1990
1704	\$9,290.00	1990 TORO MOWER	01132	X	09/14/1990
1706	\$2,495.00	1990 PSYST TRAILER	T11025	LG36501	10/15/1990
1713	\$3,450.00	2000 PEQUEA TRAILER	4JASL1226YG000016	LG56393	08/31/2000
1714	\$3,450.00	2000 PEQUEA TRAILER	4JASL1228YG000017	LG56389	08/31/2000
1715	\$37,665.86	2001 KTKWK MOWER	52602	X	06/27/2001

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1746	\$18,990.00	1980 LEOY PAVER	L900T-181	X	09/15/1980
2360	\$17,341.70	2012 CHEVR CRUZE	1G1PC5SH8C7227687	LG93427	12/20/2011
2500	\$27,986.00	2001 FORD CARGO VAN	1FTSE34F21HB66338	LG59529	08/09/2001
2501	\$35,984.00	2001 FORD UTILITY	1FDWF36F41ED78036	LG59526	08/20/2001
2502	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W161C7300136	LG93227	09/02/2011
2503	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W166C7300150	LG93241	10/05/2011
2504	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W162C7300212	LG93240	10/05/2011
2505	\$42,017.12	2001 FORD UTILITY	1FDAF56F41ED78043	LG64216	09/06/2001
2600	\$27,983.00	2001 FORD CARGO VAN	1FTSE34F41HB66339	LG59530	08/09/2001
2602	\$41,969.61	2001 FORD UTILITY	1FDAF56F11ED78940	00261LG	09/06/2001
2603	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W167C7300142	LG93229	08/16/2011
2604	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W165C7300169	LG93239	10/05/2011
2605	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W169C7300126	LG93238	10/05/2011
2606	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W167C7300156	LG93237	10/05/2011
2607	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W166C7300343	LG93302	09/20/2011
2608	\$55,564.87	2012 ISUZU UTILITY BOX TK	JALE5W160C7300418	LG93303	10/14/2011
2609	\$55,564.87	2012 PIPEHUNTER SEWERJET TRLER	1T9P31414CP391755	LG94812	08/13/2012
2700	\$11,129.94	2001 INGERSOL R COMPRESSOR	4FVCABDA41V323098	LG64223	07/10/2001
2701	\$3,989.00	2001 CENTREVILL TRAILER	1C9BT142011752627	LG67582	07/26/2001
2703	\$9,784.00	2001 EAGER BEAV TRAILER	112HTN3001L058678	LG63513	07/27/2001
2704	\$9,998.00	2001 EAGER BEAV TRAILER	112HTP3081L058858	LG63514	07/27/2001
2706	\$9,600.00	2001 VRMUR STMP GNDER	1VRN071F211005780	LG59527	08/01/2001
2707	\$3,450.00	2001 PEQUEA TRAILER	4JASL12291G000016	LG59528	08/09/2001
2709	\$102,540.00	2001 J DEERE LOADER	DW544HX581030	LG64217	08/14/2001
2713	\$22,594.00	2011 CHEVR PICKUP 4WD	1GCRKPEA8BZ387827	LG92350	07/26/2011
2716	\$2,600.00	1992 CENTREVILL TRAILER	1C9ST1829N1193109	LG37788	12/18/1991
2718	\$39,241.00	2001 CASE SKIDLOADER	JAF0352284	X	09/13/2001
2719	\$75,390.00	2001 CASE LOADER	JJG0287255	X	10/17/2001
2720	\$2,600.00	1972 STPAC ROLLER	1062	X	01/01/1972
2721	\$14,481.00	1991 FORD TRACTOR	BC86161	LG37709	07/02/1991
2722	\$5,300.00	2012 TOWMASTER TRAILER	4KNUT1624CL161405	LG94810	07/23/2012
2723	\$37,784.00	2012 BOBCT SKIDLOADER	A39015075	X	07/24/2012
2724	\$5,300.00	2012 TOWMASTER TRAILER	4KNUT1626CL161406	LG94811	07/23/2012
2725	\$37,784.00	2012 BOBCT SKIDLOADER	A3P013524	X	07/24/2012
2726	\$1,381.00	1972 HWARD ROTOVATOR	630A3516	X	07/21/1972
2727	\$359.00	1972 HWARD ERTHCAVATOR	1727	X	07/21/1972

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2729	\$2,750.00	1972 FLEXB TRAILER	LT721061	LG40247	07/17/1972
2732	\$69,245.75	2002 STERLING DUMP	2FZAATBS02AJ76834	LG63127	12/14/2001
2736	\$0.00	2000 INGER RAND ROLLER	168451	X	01/01/2000
2750	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W163C7300171	LG93461	02/03/2012
2751	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W164C7300180	LG93445	02/17/2012
2752	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W165C7300205	LG93447	02/17/2012
2753	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W165C7300219	LG93446	02/17/2012
2754	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC74306	X	11/11/2011
2755	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC74501	X	11/11/2011
2756	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC71501	X	01/00/1900
2757	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75201	X	01/00/1900
2758	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75104	X	01/00/1900
2759	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70201	X	01/00/1900
2760	\$11,230.00	1981 KTKWK MOWER	SM23016048487	X	09/11/1981
2761	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70401	X	01/00/1900
2762	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75301	X	01/00/1900
2763	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75203	X	01/00/1900
2764	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70102	X	01/00/1900
2800	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W169C7300109	LG93236	10/05/2011
2801	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W161C7300119	LG93228	08/16/2011
2802	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W165C7300124	LG93230	08/16/2011
2804	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W16XC7300104	LG93233	10/05/2011
2805	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W160C7300175	LG93234	10/05/2011
2850	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W161C7300122	LG93250	10/18/2011
2851	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W16XC7300149	LG93251	10/18/2011
2852	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W160C7300113	LG93300	11/16/2011
2853	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W16XC7300135	LG93301	11/16/2011
3500	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR7DH301203	LG95251	02/26/2013
3501	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR9DH305186	LG95244	02/26/2013
3600	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR7DH301198	LG95246	02/26/2013
3601	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR9DH301199	LG95247	02/26/2013
3602	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR1DH301200	LG95248	02/26/2013
3603	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR0DH305187	LG95245	02/26/2013
3604	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR3DH301201	LG95249	02/26/2013
3605	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR5DH301202	LG95250	02/26/2013
3700	\$25,732.42	2002 VERMEER CHIPPER	1VRN1416521008010	LG65162	08/28/2002

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3701	\$4,147.43	2002 CENTREVILL TRAILER	5JVBT142421000127	LG65164	09/04/2002
3702	\$4,126.00	2002 CENTREVILL TRAILER	5JVBT142621000128	LG65163	09/04/2002
3703	\$2,845.00	2002 STONE MIXER	392002442	LG65186	10/02/2002
3704	\$23,162.04	2002 ODB LEAF VAC	0802-3473	LG65196	12/01/2002
3705	\$4,950.00	2003 CARGO EXPR TRAILER	4U01C14243A013431	LG66451	11/26/2002
3706	\$18,900.00	2002 MY FG TRACTOR	L47043	LG66457	03/18/2003
3707	\$18,900.00	2002 MY FG TRACTOR	L47075	LG66460	03/18/2003
3708	\$2,985.00	2014 HOMEST TRAILER	5HABE1018EN025607	LG97864	09/10/2013
3709	\$18,900.00	2002 MY FG TRACTOR	L47199	LG66459	03/18/2003
3711	\$135,502.00	2013 INTER DUMP	1HTWDAAR7DH299188	LG95217	10/16/2012
3712	\$135,567.34	2013 INTER DUMP	1HTWDAAR5DH299187	LG95218	10/16/2012
3713	\$122,047.00	2013 INTER DUMP	1HTWDAAR2DH301459	LG95278	10/22/2012
3714	\$122,047.00	2013 INTER DUMP	1HTWDAAR9DH301460	LG95279	10/22/2012
3773	\$13,473.00	1983 KTKWK MOWER	SM23016049624	X	06/23/1983
4303	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X34Z124990	LG66492	08/27/2003
4304	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X64Z125227	LG66493	08/27/2003
4305	\$14,431.20	2004 CHEVR PICKUP 4WD	1GCEK14X44Z126019	LG66494	08/27/2003
4355	\$114,921.00	2015 INTER ROLL OFF	1HTZZAAL8FH711132	00355LG	12/11/2014
4309	\$14,431.20	2004 CHEVR PICKUP 4WD	1GCEK14X24Z127248	LG68865	09/08/2003
4501	\$44,789.00	2003 FORD UTILITY	1FDAF56P43ED00728	LG66473	07/01/2003
4502	\$0.00	1998 MEC AERIAL LIF	07103962	X	11/25/2003
4503	\$184,907.37	2004 INTER AERIAL PLF	1HTMMAAR94H619747	LG70754	12/22/2003
4504	\$43,951.00	2013 JLG Industries Towable Lift	5DYACC1J1DP005588	LG99382	09/23/2013
4550	\$28,958.00	2003 FORD CARGO VAN	1FTSE34F23HB81232	LG68864	09/09/2003
4600	\$9,700.00	2014 Petro2Go Pro 110	1P91A0817ED706077	00489LG	02/13/2015
4609	\$44,789.09	2003 FORD UTILITY	1FDAF56F23EB05122	LG66472	07/01/2003
4610	\$44,789.09	2003 FORD UTILITY	1FDAF56F53EA19318	LG66471	07/01/2003
4611	\$44,789.09	2003 FORD UTILITY	1FDAF56F73EA19319	LG66469	07/01/2003
4612	\$44,789.09	2003 FORD UTILITY	1FDAF56F93EB04971	LG66470	07/01/2003
4613	\$44,789.00	2004 FORD UTILITY	1FDAF56P54EA93557	LG70753	12/10/2003
4700	\$7,460.00	1994 GENRL TRAILER	112HTN309RL041762	LG36156	03/10/1994
4701	\$39,304.00	2003 KTKWK MOWER	52712	X	10/09/2003
4710	\$4,505.00	2014 Wells Cargo Trailer Box	575200E13EP095775	LG99329	02/21/2014
4711	\$3,133.00	2013 PEQUEA TRAILER	4JA8016T7DG122397	LG99378	08/06/2013
4712	\$3,133.00	2013 PEQUEA TRAILER	4JA8016T9DG122398	LG99379	08/06/2013
4713	\$3,133.00	2013 PEQUEA TRAILER	4JA8016T0DG122399	LG99380	08/06/2013

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4714	\$3,133.00	2013 PEQUEA TRAILER	4JA8016T3DG122400	LG99381	08/06/2013
4715	\$2,842.00	2013 BUTLER TRAILER FB	1BUD12200D1006921	00257LG	07/10/2013
4716	\$45,000.00	2013 VERMEER STMP GNDER	1VRY12056D1002262	X	07/10/2013
4717	\$35,729.00	2013 VERMEER CHIPPER	1VR2161V6D1005450	00256LG	07/10/2013
4718	\$5,200.00	2013 TOWMASTER TRAILER	4KNUT1620DL161676	00342LG	09/05/2013
4719	\$5,200.00	2013 TOWMASTER TRAILER	4KNUT1627DL161674	00343LG	09/05/2013
4720	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10015	LG99326	07/29/2013
4721	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10016	LG99328	07/29/2013
4722	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10017	LG99327	07/29/2013
4723	\$135,195.00	2015 INTER DUMP	3HAWAAARXFL647152	00323LG	11/25/2014
4724	\$135,195.00	2015 INTER DUMP	3HAWAAAR1FL647153	00322LG	11/25/2014
4725	\$135,195.00	2015 INTER DUMP	1HTWAAARXFH711583	00336LG	02/25/2015
4750	\$114,921.00	2015 INTER ROLL OFF	1HTZZAAL3FH647131	00258LG	07/18/2014
4760	\$35,860.48	2013 BOBCT SKIDLOADER	A3P017377	X	08/27/2013
4761	\$35,860.48	2013 BOBCT SKIDLOADER	A3P017325	X	08/27/2013
4780	\$3.00	1984 GALON WHL ROLLER	60596	X	09/22/1983
4800	\$45,500.00	2014 Cutting Systems PLATYPUS	221310114	LG99325	10/10/2013
5504	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW15CN88475	LG72748	02/16/2005
5603	\$46,218.00	2004 FORD UTILITY	1FDAF56P34ED45905	LG72617	08/04/2004
5604	\$46,218.00	2004 FORD UTILITY	1FDAF56P54ED45906	LG72616	08/04/2004
5605	\$29,377.22	2004 FORD CARGO VAN	1FTSE34P74HB42386	LG72654	08/19/2004
5606	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P94HB42387	LG72655	08/19/2004
5607	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P04HB42388	LG72656	08/19/2004
5608	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P24HB42389	LG72657	08/19/2004
5611	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P04HB42391	LG72659	08/19/2004
5612	\$4,993.00	2004 DANZER TRAILER	5KW200F244D001407	LG72663	07/07/2004
5613	\$7,066.00	2004 INGERSOL R LIGHT TOWE	342513UAO789	LG72724	08/04/2004
5614	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW55CN88477	LG72746	02/16/2005
5615	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW35CN88476	LG72747	02/16/2005
5663	\$26,999.00	1994 CASE TRENCHER	JAF0163626	X	11/28/1994
5681	\$20,498.00	2004 CHEVR ASTRO VAN	1GCDM19X14B130102	LG72557	07/02/2004
5682	\$20,498.00	2004 CHEVR ASTRO VAN	1GCDM19X84B129741	LG72558	07/22/2004
5703	\$258,782.83	2015 MACK REFUSE	1M2AV02C4FM013392	00341LG	02/13/2015
5719	\$58.20	1994 INGERSOL R COMPRESSOR	248313VGE327	LG41549	10/07/1994
5720	\$2,595.00	1995 CUSTOM TRAILER	1YB321537S1B1TO77	LG41561	10/28/1994
5721	\$44,951.00	1995 CASE BACKHOE	JJG0182598	X	10/28/1994

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5722	\$0.00	1984 COSTAL TRAILER	40142	LG41568	12/01/1994
5723	\$19,437.00	1994 VERMEER CHIPPER	1HRC14132R1004536	LG41588	12/20/1994
5727	\$42,050.98	1995 INTER TRACTOR	1HTSCABM8SH218751	LG40249	05/04/1995
5728	\$42,025.00	1995 INTER TRACTOR	1HTSCABMXSH218752	LG40248	05/04/1995
5729	\$14,963.00	2004 JACOBSEN MOWER	94671401877	X	07/15/2004
5730	\$14,963.00	2004 JACOBSEN MOWER	94671401929	X	07/15/2004
5732	\$34,178.00	2004 FORD PICKUP 4WD	1FTNF21P64ED45909	LG72559	07/23/2004
5733	\$34,178.00	2004 FORD PICKUP 4WD	1FTNF21P24ED45907	LG72615	07/23/2004
5740	\$20,000.00	1973 J DER ROAD GRADR	002379T	LG55604	01/01/1973
5744	\$3,132.00	1975 RENCO STAW BLWER	780	X	02/21/1975
5747	\$3,849.00	2004 CENTREVILL TRAILER	5JVBT142741000495	LG72660	08/24/2004
5749	\$3,849.00	2004 CENTREVILL TRAILER	5JVBT142441000499	LG72666	08/26/2004
5750	\$3,849.00	2004 CENTREVILL TRAILER	5JVBT142741000500	LG72667	08/26/2004
5751	\$3,849.00	2004 CENTREVILL TRAILER	5JVBT142041000497	LG72664	08/26/2004
5752	\$3,889.33	2004 CENTREVILL TRAILER	5JVBT142241000498	LG72665	08/26/2004
5753	\$12,210.00	2004 EAGER BEAV TRAILER	112HTP3054L063407	LG72686	09/20/2004
5754	\$12,210.00	2004 EAGER BEAV TRAILER	112HTP3094L063409	LG72687	09/20/2004
5755	\$25,501.32	2005 ODB LEAF VAC	12044125	LG72717	01/06/2005
5756	\$80,937.71	2004 FREIGHTLIN DUMP	1FVABXBS04DN54910	LG98117	04/19/2005
5757	\$80,777.81	2004 FREIGHTLIN DUMP	1FVABXBS24DN54911	00259LG	05/24/2005
5758	\$80,706.00	2004 FREIGHTLIN DUMP	1FVABXBS44DN54912	03200LG	04/19/2005
5759	\$80,716.82	2004 FREIGHTLIN DUMP	1FVABXBS64DN54913	02592LG	04/19/2005
5760	\$40,095.00	2005 KTKWK MOWER	52795	X	07/01/2005
5761	\$40,095.00	2005 KTKWK MOWER	52799	X	07/01/2005
5803	\$20,498.00	2004 CHEVR ASTRO VAN	1GCDM19X54B129079	LG72556	07/02/2004
5810	\$4,039.00	2004 CENTREVILL TRAILER	5JVTT142741000517	LG72662	08/31/2004
5811	\$60,831.47	2005 FREIGHTLIN STEP VAN	4UZAANBW75CN88478	LG72749	02/16/2005
5853	\$1,500.00	2004 MASTERTRAC UTILITY TR	1C9CE2F104G099128	LG81453	09/20/2004
5854	\$3,446.80	1984 JENNY HYDRO-SPRA	1052	X	09/13/1984
6314	\$10,728.00	2006 CHEVR COBALT	1G1AK55F967655355	LG75648	09/14/2005
6504	\$21,160.00	2006 CHEVR TRLBLAZER	1GNDT13S762116845	LG75659	08/18/2005
6505	\$5,450.00	2006 BUTLER TRAILER	1BUD1420861003005	LG79167	06/30/2006
6506	\$45,868.14	2006 VERMEER TRENCHER	1VRX07219161001180	X	06/30/2006
6507	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V061274497	LG79127	08/11/2006
6508	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V661269434	LG79128	08/11/2006
6509	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V661275394	LG79129	08/11/2006

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6510	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V861271881	LG79130	08/11/2006
6511	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA26553	03188LG	12/21/2015
6512	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA26556	03189LG	01/04/2016
6513	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CM9GKA26561	03190LG	01/06/2016
6600	\$49,998.00	2006 FORD UTILITY	1FDAF56PX6EB50144	LG75728	11/17/2005
6603	\$20,650.00	1995 SRECO SEWER/FLUS	4H5W31722SL952037	LG46597	10/01/1995
6604	\$21,160.00	2006 CHEVR TRLBLAZER	1GNNT13S762116800	LG75660	08/18/2005
6605	\$49,998.00	2006 FORD UTILITY	1FDAF56P36EB50146	LG75731	11/17/2005
6606	\$49,998.00	2006 FORD UTILITY	1FDAF56P56EB50147	LG75727	11/17/2005
6607	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V661270955	LG79131	08/11/2006
6608	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V961270738	LG79132	08/14/2006
6609	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V761270298	LG79133	08/11/2006
6610	\$17,387.00	2006 GMC CARGO VAN	1GTHG35VX61273115	LG79134	08/11/2006
6611	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM3GKA37264	03184LG	01/04/2016
6612	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA37265	03191LG	01/06/2016
6613	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM1GKA37263	03198LG	02/03/2016
6614	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM7GKA37266	03199LG	02/03/2016
6680	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM8GKA37261	03186LG	12/21/2015
6681	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA37262	03187LG	12/21/2015
6682	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM8GKA37258	03192LG	01/06/2016
6683	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA37259	03197LG	02/03/2016
6701	\$9,950.00	1986 CASE TRACTOR	B015391	X	05/27/1986
6705	\$23,159.08	1995 HOWARD PRI MOWER	4D76738	X	08/28/1995
6710	\$21,177.74	2006 CHEVR TRLBLAZER	1GNNT13S762112438	LG75661	08/18/2005
6713	\$35,922.37	2006 CHEVR PICKUP 4WD	1GCHK242X6E110649	LG75672	10/04/2005
6715	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24226E113030	LG75674	10/04/2005
6716	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24256E110364	LG75675	10/04/2005
6717	\$93,418.00	2006 INTER DUMP	1HTWDAARX6J252989	03704LG	11/11/2005
6718	\$93,418.00	2006 INTER DUMP	1HTWDAAR26J252985	03703LG	11/11/2005
6719	\$93,420.67	2006 INTER DUMP	1HTWDAAR86J252990	03702LG	11/11/2005
6720	\$93,418.00	2006 INTER DUMP	1HTWDAAR86J252988	03701LG	11/28/2005
6721	\$934,285.87	2006 INTER DUMP	1HTWDAAR66J252987	03705LG	12/08/2005
6722	\$93,453.54	2006 INTER DUMP	1HTWDAAR46J252986	LG75724	12/15/2005
6725	\$4,956.00	2006 CENTREVILL TRAILER	5JVBT142161001029	LG75766	01/17/2006
6730	\$20,994.68	2006 TORO MOWER	30627-260000187	X	05/10/2006
6731	\$16,630.00	2006 STONE ROLLER	242006079	X	06/30/2006

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6732	\$46,500.00	2006 LEBOY PAVER	46487	X	06/30/2006
6733	\$5,116.00	2006 CENTREVILLE TRAILER	5JVTT142961001252	LG79166	07/14/2006
6734	\$16,821.00	2006 JACOBSEN TRACTOR	94671402377	X	07/20/2006
6735	\$16,821.00	2006 JACOBSEN TRACTOR	94671402381	X	07/21/2006
6736	\$16,821.00	2006 JACOBSEN TRACTOR	94671402379	X	07/21/2006
6737	\$16,821.00	2007 JACOBSEN TRACTOR	94671402371	X	07/21/2006
6738	\$85,605.13	2006 J DEERE BACKHOE	T0310SG960196	X	09/15/2006
6739	\$139,839.00	2006 JOHN DEERE FT LOADER	DW544JP608448	LG79194	09/15/2006
6740	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC86FZ539229	02588LG	10/14/2015
6741	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC89FZ539435	02587LG	10/14/2015
6742	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC80FZ539467	02586LG	10/14/2015
6743	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC82FZ539535	02585LG	10/14/2015
6750	\$34,275.00	2016 FORD PICKUP 4X4	1FT8X3B67GED40650	05956LG	08/04/2016
6751	\$34,275.00	2017 FORD PICKUP 4X4	1FT8X3B69GED40651	05959LG	08/04/2016
6752	\$34,275.00	2018 FORD PICKUP 4X4	1FT7X2B6XGED40647	05957LG	08/04/2016
6753	\$34,275.00	2019 FORD PICKUP 4X4	1FT7X2B61GED40648	05954LG	08/04/2016
6754	\$34,275.00	2020 FORD PICKUP 4X4	1FT7W2B65GED40638	05955LG	08/04/2016
6755	\$34,275.00	2021 FORD PICKUP 4X4	1FT7W2B67GED40639	05958LG	08/04/2016
6781	\$5,000.00	1976 TORO SWEEPER	0707360139	4E03492	01/01/2001
6801	\$3,750.00	2016 PEQUEA TRAILER	4JA8016T1GG123470	02739LG	11/05/2015
6802	\$38,957.16	1996 INTER UTILITY	1HTSCABM5TH242474	LG46501	08/03/1995
6803	\$39,005.89	1996 INTER UTILITY	1HTSCABM7TH242475	LG42249	08/03/1995
6809	\$21,160.00	2006 CHEVR TRLBLAZER	1GNNDT13S762117235	LG75662	08/18/2005
6810	\$21,160.00	2006 CHEVR TRLBLAZER	1GNNDT13S662117985	LG75663	08/18/2005
6811	\$49,998.00	2006 FORD UTILITY	1FDAF56P76EB50148	LG75729	11/17/2005
6812	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V461271196	LG79135	08/11/2006
6813	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V861270018	LG79136	08/11/2006
6815	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM1GKA15277	02740LG	10/12/2015
6816	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM3GKA15278	02741LG	10/12/2015
6817	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA15279	02742LG	10/12/2015
6818	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM1GKA15280	02743LG	10/12/2015
6819	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM3GKA15281	02744LG	10/12/2015
6820	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA15282	02745LG	10/12/2015
6821	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM7GKA15283	02746LG	10/12/2015
6822	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM9GKA15284	02747LG	10/12/2015
6823	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM0GKA15285	02748LG	10/12/2015

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6824	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM2GKA15286	02749LG	10/12/2015
6825	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM6GKA37260	03185LG	12/21/2015
6853	\$21,160.00	2006 CHEVR TRLBLAZER	1GNLT13SX62116676	LG75664	08/18/2005
7318	\$19,909.00	2007 CHEVR TRLBLAZER	1GNLT13S372261527	LG79621	05/14/2007
7500	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL7HG572608	06455LG	02/14/2017
7501	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL5HG572610	06458LG	02/14/2017
7502	\$63,915.00	1997 INTER AERIAL PLF	1HTSCABM8VH453848	LG48452	11/20/1996
7503	\$64,158.00	1997 INTER AERIAL PLF	1HTSCABM9VH465877	LG48476	01/24/1997
7504	\$5,450.00	2006 BUTLER TRAILER	1BUD1420861003148	LG79197	10/26/2006
7505	\$46,853.99	2006 VERMEER BACKHOE	1VRS0721061001326	X	10/26/2006
7506	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16377904102	LG81474	08/21/2007
7507	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16677905728	LG81475	08/21/2007
7551	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31518EC59146	LG82648	10/25/2007
7601	\$5,659.20	2007 GENERAL CARGO PORT-A-COOL	5H7US08197C009582	LG83256	07/02/2007
7602	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L48DA10048	LG82814	11/06/2007
7603	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L68DA10049	LG82815	11/06/2007
7604	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L28DA10047	LG82816	11/06/2007
7607	\$35,773.00	2008 GMC STAKE	1GDE4C1GX8F402068	LG82645	10/25/2007
7610	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM78H655995	LG82647	10/12/2007
7611	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM98H655996	LG82807	10/12/2007
7612	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM08H655997	LG82649	10/12/2007
7613	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL9HG572612	06454LG	02/14/2017
7614	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL0HG572613	06456LG	02/14/2017
7615	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL9HG572609	06503LG	02/14/2017
7616	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL2HG572614	06470LG	02/14/2017
7690	\$23,015.47	FORD CARGO VAN	NM0LS6F78H1293230	05962LG	09/07/2016
7691	\$22,129.00	2017 RAM PICKUP	3C6JR6DG1HG548706	06319LG	02/01/2017
7693	\$60,740.30	2017 RAM PICKUP	3C6JR6DG1HG610783	06321LG	02/01/2017
7692	\$60,740.30	2017 RAM PICKUP	3C6JR6DGXHG610782	06320LG	02/01/2017
7700	\$28,685.00	1986 MTRAK TRAILER	1C9A51V37GG099269	LG29251	10/20/1986
7711	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24DX7E126966	LG79191	10/09/2006
7712	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D07E126474	LG79192	10/09/2006
7713	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D87E126450	LG79193	10/09/2006
7714	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D17E127469	LG79182	10/18/2006
7716	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D17E128413	LG79184	10/18/2006
7718	\$28,742.00	2007 NEW HOLLAND TRACTOR	HJE074698	LG79539	12/01/2006

DEPARTMENT: 601132030 - Repair Maintenance					
7719	\$28,742.00	2007 NEW HOLLAND TRACTOR	HJE074737	LG79540	12/01/2006
7720	\$28,742.00	2007 NEW HOLLAND TRACTOR	HJE074754	LG79542	12/01/2006
7721	\$28,742.00	2007 NEW HOLLAND TRACTOR	HJE074654	LG79541	12/01/2006
7723	\$103,895.00	2007 J DEERE BACKHOE	T0410GX954435	X	06/07/2007
7800	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL7HG572611	06457LG	02/14/2017
7801	\$77,444.90	2017 UTILITY 4WD	3C7WRCL2HG510396	06324LG	02/15/2017
7802	\$77,444.90	2017 RAM UTILITY 4WD	3C7WRCL2HG510397	06325LG	02/15/2017
7803	\$77,444.90	2017 RAM UTILITY 4WD	3C7WRCL4HG510398	06451LG	02/15/2017
7804	\$0.00	1989 PERONE TRAILER	1B9FPO819K1118166	LG48473	01/01/1997
7805	\$0.00	1985 LINCOLN WELDER	A1024417	X	01/01/1997
7806	\$0.00	1996 LINCOLN WELDER	U1960708413	X	12/01/1996
7807	\$0.00	1996 LINCOLN WELDER	U1950120622	X	12/01/1996
7808	\$0.00	1996 LINCOLN WELDER	U1950120623	X	12/01/1996
7809	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16X77905120	LG81476	08/21/2007
7810	\$50,190.40	2007 CHEVR UTILITY BOX TK	J8BE5B16577905722	LG81477	08/21/2007
7811	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16177904101	LG81478	08/21/2007
7812	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16577905719	LG81479	08/21/2007
7813	\$60,445.61	2008 CHEVR UTIL VAN 4WD	1GBE5C3968F402069	LG82646	10/23/2007
7814	\$16,576.00	2008 FORD ECONOLINE	1FTSE34LX8DA10054	LG82819	11/06/2007
7815	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16077905725	LG81468	08/21/2007
7816	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16477905727	LG81469	08/21/2007
7817	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16177905734	LG81470	08/21/2007
7818	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16177905118	LG81471	08/21/2007
7819	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16X77905733	LG81472	08/21/2007
7821	\$16,576.00	2008 FORD ECONOLINE	1FTSE34L58DA10057	LG82820	11/06/2007
7822	\$59,595.81	2008 CHEVR BOX VAN 4WHD	1GBE5C3908F402259	LG83048	12/19/2007
7852	\$59,595.81	2008 FORD ECONOLINE	1FTSE34L38DA10056	LG82817	11/06/2007
7853	\$12,925.00	2007 MASTERTRAC UTILITY TRLR	1C9CE2F297G099092	LG82809	10/22/2007
8500	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16487901640	LG85049	07/17/2008
8525	\$50,189.77	2009 ISUZU UTILITY BOX TK	JALE5W16097900199	LG85755	11/21/2008
8601	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L98DA10045	LG83130	01/11/2008
8603	\$20,515.00	2008 FORD UTILITY	1FTWF30568ED17267	LG83241	02/15/2008
8604	\$20,515.00	2008 FORD UTILITY	1FTWF30588ED17268	LG83242	02/15/2008
8605	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16687901655	LG85652	07/17/2008
8664	\$24,370.37	2008 CHEVR CARGO VAN	1GCHG35C581206343	LG85732	10/24/2008
8667	\$24,391.64	1998 GMC CARGO VAN	1GTHG35R8W1019356	LG52202	12/16/1997

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8717	\$3,854.00	1998 TGALG TRAILER	1C9ST2422W1193059	LG52242	05/05/1998
8718	\$3,854.00	1998 TGALG TRAILER	1C9ST2429W1193060	LG52243	05/05/1998
8719	\$3,854.00	1998 TGALG TRAILER	1C9ST2420W1193061	LG52244	05/05/1998
8720	\$110,853.00	2008 INTER DUMP	1HTWDAAR18J674605	LG83243	02/08/2008
8721	\$110,853.00	2008 INTER DUMP	1HTWDAAR38J674606	LG83244	02/08/2008
8722	\$110,853.00	2008 INTER DUMP	1HTWDAAR88J674603	LG83245	02/08/2008
8723	\$110,853.00	2008 INTER DUMP	1HTWDAARX8J674604	LG83257	02/20/2008
8800	\$17,483.00	1998 CROSS COUN TRAILER	431FS1023W1000214	LG52208	12/10/1997
8804	\$5,380.00	1988 GENER TRAILER	1120TD306JS090001	LG22845	03/09/1988
8810	\$50,189.77	1997 CLARK FORKLIFT	P365D-0114-9481	X	01/23/1998
8812	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16787901700	LG85048	07/17/2008
8813	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16187901661	LG85650	07/17/2008
8814	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16X87901674	LG85651	07/17/2008
8815	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16387901645	LG85653	07/17/2008
8852	\$3,479.00	1997 CARGOMATE TRAILER	4X4TSE42XVB005826	LG51871	09/12/1997
9505	\$19,924.84	1999 CHEVR ASTRO VAN	1GCDM19WXXB112354	LG52982	11/04/1998
9700	\$21,680.00	1978 JH DR BULLDOZER	303063T	X	07/10/1978
9710	\$29,650.00	1989 MTRAK TRAILER	1C9B51V36KG099110	LG31412	05/01/1989
9719	\$9,649.00	1998 EAGER BEAV TRAILER	112HTN30XWL051843	LG52971	08/27/1998
9720	\$47,772.65	1999 INTER CREW CAB	1HTSCABM0XH680177	LG54405	02/04/1999
9721	\$47,686.93	1999 INTER CREW CAB	1HTSCABM2XH680178	LG54406	02/04/1999
9722	\$47,685.28	1999 INTER CREW CAB	1HTSCABM4XH680179	LG54407	02/04/1999
9723	\$47,652.00	1999 INTER CREW CAB	1HTSCABM0XH680180	LG54408	02/04/1999
9724	\$17,800.00	1999 MY FG TRACTOR	H02190	LG55485	03/16/1999
9725	\$17,800.00	1999 MY FG TRACTOR	H02194	LG55482	03/16/1999
9726	\$17,800.00	1999 MY FG TRACTOR	H02204	LG55484	03/11/1999
9727	\$17,800.00	1999 MY FG TRACTOR	H02138	LG55483	03/11/1999
9728	\$17,848.52	1999 MY FG TRACTOR	H07167	LG55641	05/12/1999
9861	\$7,450.00	1988 DELCO PRE-WASHER	188-41173	X	01/01/1988

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DEPARTMENT: 550132040 - Plant Operation					
2405	\$6,600.00	2012 J DEERE X-700 TRACTOR	1M0X700ATCM070130	X	04/24/2012
4307	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X34Z126660	04128LG	08/27/2003
4308	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X84Z127173	LG66497	08/27/2003
6405	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24226E108992	LG75670	10/04/2005
6409	\$20,994.64	2006 TORO MOWER	260000288	X	08/10/2006
7400	\$19,909.00	2007 CHEVR TRLBLAZER	1GNDDT13S472262783	LG79622	05/14/2007
7408	\$26,138.00	2007 CHEVR UTILITY 4WD	1GCHK24D27E125486	LG79178	10/18/2006
7409	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D77E128285	LG79179	10/18/2006
7410	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D27E128775	LG79180	10/18/2006
7411	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D37E128753	LG79181	10/18/2006
7412	\$21,845.00	2008 FORD CREW CAB	1FTWW305X8EC06589	LG82624	09/28/2007
7413	\$21,845.00	2008 FORD CREW CAB	1FTWW30588EC06588	LG82625	09/28/2007
7414	\$21,845.00	2008 FORD CREW CAB	1FTWW30568EC06587	LG82626	09/28/2007
7415	\$21,845.00	2008 FORD CREW CAB	1FTWW30548EC06586	LG82627	09/28/2007
7416	\$26,642.13	2008 FORD UTILITY 4WD	1FTWF31558EC59148	LG93662	10/26/2007
7417	\$16,576.00	2008 FORD ECONOLINE	1FTSE34L88DA10053	LG82821	11/06/2007
7418	\$16,576.00	2008 FORD ECONOLINE	1FTSE34L18DA10055	LG82818	11/06/2007
7419	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31578EC59149	LG82837	11/13/2007
7420	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31538EC59147	LG82838	11/28/2007

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Equipment: 19

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0400	\$16,655.00	1999 RANSOMES MOWER	9467030491	X	09/13/1999
1403	\$16,655.00	2000 RANSOMES MOWER	9467030748	X	09/11/2000
1404	\$16,655.00	2000 RANSOMES MOWER	9467030750	X	09/11/2000
1405	\$18,943.00	2001 CHEVR PICKUP	1GCEC14W91Z209431	LG61189	01/11/2001
1406	\$26,175.00	2001 CHEVR PICKUP 4WD	1GCHK24U11E222394	LG61243	01/25/2001
2400	\$8,950.00	2011 J DEERE JOHN DEERE X700	OX700AHBM060305	X	10/10/2011
3400	\$20,337.21	2002 TORO MOWER	220000378	X	08/09/2002
4401	\$12,517.00	1994 TORO MOWER	40282	X	01/12/1994
4402	\$16,744.73	2003 JACOBSEN MOWER	94671401798	X	10/31/2003
4403	\$16,744.73	2003 JACOBSEN MOWER	94671401799	X	10/31/2003
4404	\$16,744.73	2003 JACOBSEN MOWER	94671401796	X	10/31/2003
4405	\$16,744.73	2003 JACOBSEN MOWER	94671401792	X	10/31/2003
4406	\$15,511.86	2003 JACOBSEN MOWER	94671401795	X	11/11/2003
5400	\$11,949.00	1995 TORO MOWER	30223-50132	X	12/01/1994
5401	\$11,949.00	1995 TORO MOWER	30223-40675	X	12/01/1994
5403	\$11,949.00	1995 TORO MOWER	30223-50136	X	12/01/1994
5407	\$11,949.00	1995 TORO MOWER	30223-50135	X	02/22/1995
5432	\$8,551.33	1985 TORO TRACTOR	30782-50511	X	06/12/1985
6400	\$11,949.00	1995 TORO MOWER	30223-50684	X	09/08/1995
6401	\$11,949.00	1995 TORO MOWER	30223-50607	X	09/08/1995
6403	\$11,949.00	1995 TORO MOWER	30223-50681	X	09/08/1995
6404	\$11,949.00	1995 TORO MOWER	30223-50448	X	01/01/1996
6406	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24246E111361	LG75671	10/04/2005
6407	\$11,397.84	2006 CHEVR PICKUP	1GCEC14X16Z155803	LG72872	10/12/2005
6408	\$18,693.92	2006 JACOBSEN MOWER	94671402059	X	10/28/2005
6410	\$14,343.00	2006 CHEVR PICKUP	3GCEK14X76G151502	LG75734	12/12/2005
6411	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC84FZ539035	02590LG	10/14/2015
6412	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC82FZ540359	02589LG	10/14/2015
6436	\$4,804.00	1976 TORO TRACTOR	3077460312	X	03/01/1976
6437	\$4,804.00	1976 TORO TRACTOR	3077460308	X	03/01/1976
7401	\$16,694.00	1996 TORO MOWER	30795-60277	X	08/14/1996
7402	\$14,894.00	1996 TORO MOWER	30788-61007	X	08/14/1996
7403	\$14,894.00	1996 TORO MOWER	30788-61037	X	08/14/1996
7405	\$11,949.00	1995 TORO MOWER	30223-50448	X	09/01/1995
8401	\$13,590.00	1997 CUSHMAN MOWER	9467030262	X	07/21/1997

551132040 - Plant Operation - Admin					
8402	\$13,590.00	1997 CUSHMAN MOWER	9467030270	X	07/21/1997
8403	\$13,590.00	1997 CUSHMAN MOWER	9467030271	X	07/21/1997
8404	\$13,590.00	1997 CUSHMAN MOWER	9467030272	X	07/21/1997
9400	\$6,854.00	1999 TORO TRACTOR	9900171	X	06/02/1999
9401	\$8,590.00	1989 TORO TRACTOR	30788-91229	X	06/19/1989

Distinct Count of  
Equipment: 40

DEPARTMENT: 551132030 - Refuse Removal Program					
0701	\$220,206.00	2011 MACK REFUSE	1M2AV02C1BM006569	LG91010	07/22/2010
0702	\$220,206.00	2011 MACK REFUSE	1M2AV02C8BM006570	LG91011	07/20/2010
5701	\$258,842.28	2015 MACK REFUSE	1M2AV02C0FM012806	LG97778	09/11/2014
5702	\$258,808.95	2015 MACK REFUSE	1M2AV02C2FM012807	LG97780	09/11/2014
6711	\$200,660.96	2006 MACK REFUSE	1M2K189C66M032725	LG75677	10/04/2005
6712	\$200,736.66	2006 MACK REFUSE	1M2K189C86M032726	LG75676	10/04/2005
6723	\$201,041.82	2006 MACK REFUSE	1M2K189C66M033549	LG75763	12/19/2005
6724	\$200,738.27	2006 MACK REFUSE	1M2K189C26M033550	LG75762	12/19/2005
7717	\$228,114.82	2008 MACK REFUSE	1M2AV02C68M001571	LG82643	09/25/2007
7722	\$228,129.71	2008 MACK REFUSE	1M2AV02C48M001570	LG82644	09/25/2007

**Distinct Count of Equipment:**

10

DEPARTMENT: 601132030 - Repair Maintenance					
#6807	\$5,192.00	2005 MILLER WELDER	6802	X	06/01/2005
#6808	\$5,192.00	2005 MILLER WELDER	6803	X	06/01/2005
#8891	\$0.00	1999 ONAN GENERATOR	1850	x	09/07/2000
#8896	\$0.00	2004 LANDA PRESS WASH	5853	x	09/20/2004
0500	\$54,651.00	2011 ISUZU UTILITY BOX TK	JALE5W166B7300387	LG91201	02/04/2010
0501	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL6ADA98685	LG91036	09/15/2010
0502	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL0ADA98682	LG91041	09/15/2010
0503	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL2ADA98683	LG91046	09/15/2010
0504	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL4ADA98684	LG91045	09/15/2010
0505	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL9ADA98681	LG91044	09/15/2010
0600	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W163A7300703	LG89239	06/09/2010
0601	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W167A7301594	LG89238	07/12/2010
0602	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL1ADA98688	LG91043	09/15/2010
0603	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL3ADA98689	LG91042	09/15/2010
0604	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL1ADA98691	LG91039	09/15/2010
0605	\$19,630.00	2010 FORD CARGO VAN	1FTSE3ELXADA98687	LG91037	09/15/2010
0606	\$19,630.00	2010 FORD CARGO VAN	1FTSE3EL8ADA98686	LG91038	09/15/2010
0607	\$19,630.00	2010 FORD CARGO VAN	1FTSE3ELXADA98690	LG91040	09/17/2010
0700	\$15,000.00	1987 CASE LOADER	17956342	X	09/08/1989
0703	\$129,270.00	2011 INTER DUMP	1HTWDAAR7BJ368659	LG91143	12/20/2010
0713	\$129,270.00	2011 INTER DUMP	1HTWDAAR3BJ368660	LG91145	01/04/2011
0714	\$129,294.79	2011 INTER DUMP	1HTWDAAR5BJ368661	LG91142	12/20/2010
0715	\$129,270.00	2011 INTER DUMP	1HTWDAAR7BJ368662	LG91144	12/20/2010
0736	\$6,613.00	1980 JACOB TRACTOR	660421949	X	05/23/1980
0802	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W164A7301326	LG88972	06/09/2010
0803	\$54,713.18	2010 ISUZU UTILITY BOX TK	JALE5W162A7300756	LG88971	06/09/2010
0806	\$54,651.00	2010 ISUZU UTILITY BOX TK	JALE5W169A7301595	LG88970	06/09/2010
0809	\$20,930.00	2000 CHEVR CARGO VAN	1GCHG35R3Y1110120	LG57826	09/21/1999
0810	\$20,930.38	2000 CHEVR CARGO VAN	1GCHG35R7Y1113134	LG57829	09/24/1999
1552	\$20,963.93	2001 CHEVR CARGO VAN	1GCHG35R111202297	LG59507	06/01/2001
1701	\$0.00	1990 HUSLR MOWER	4089802	X	08/01/1990
1704	\$9,290.00	1990 TORO MOWER	01132	X	09/14/1990
1706	\$2,495.00	1990 PSYST TRAILER	T11025	LG36501	10/15/1990
1713	\$3,450.00	2000 PEQUEA TRAILER	4JASL1226YG000016	LG56393	08/31/2000
1714	\$3,450.00	2000 PEQUEA TRAILER	4JASL1228YG000017	LG56389	08/31/2000
1715	\$37,665.86	2001 KTKWK MOWER	52602	X	06/27/2001

DEPARTMENT: 601132030 - Repair Maintenance					
2729	\$2,750.00	1972 FLEXB TRAILER	LT721061	LG40247	07/17/1972
2732	\$69,245.75	2002 STERLING DUMP	2FZAATBS02AJ76834	LG63127	12/14/2001
2736	\$0.00	2000 INGER RAND ROLLER	168451	X	01/01/2000
2750	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W163C7300171	LG93461	02/03/2012
2751	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W164C7300180	LG93445	02/17/2012
2752	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W165C7300205	LG93447	02/17/2012
2753	\$60,061.61	2012 ISUZU UTILITY DUMPBOD	JALE5W165C7300219	LG93446	02/17/2012
2754	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC74306	X	11/11/2011
2755	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC74501	X	11/11/2011
2756	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JVC71501	X	01/00/1900
2757	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75201	X	01/00/1900
2758	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75104	X	01/00/1900
2759	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70201	X	01/00/1900
2760	\$11,230.00	1981 KTKWK MOWER	SM23016048487	X	09/11/1981
2761	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70401	X	01/00/1900
2762	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75301	X	01/00/1900
2763	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JWC75203	X	01/00/1900
2764	\$10,580.90	2012 MASSEY FERGUSON LAWN MOWER	JXC70102	X	01/00/1900
2800	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W169C7300109	LG93236	10/05/2011
2801	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W161C7300119	LG93228	08/16/2011
2802	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W165C7300124	LG93230	08/16/2011
2804	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W16XC7300104	LG93233	10/05/2011
2805	\$55,567.87	2012 ISUZU UTILITY BOX TK	JALE5W160C7300175	LG93234	10/05/2011
2850	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W161C7300122	LG93250	10/18/2011
2851	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W16XC7300149	LG93251	10/18/2011
2852	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W160C7300113	LG93300	11/16/2011
2853	\$63,022.26	2012 ISUZU GLASS TK.	JALE5W16XC7300135	LG93301	11/16/2011
3500	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR7DH301203	LG95251	02/26/2013
3501	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR9DH305186	LG95244	02/26/2013
3600	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR7DH301198	LG95246	02/26/2013
3601	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR9DH301199	LG95247	02/26/2013
3602	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR1DH301200	LG95248	02/26/2013
3603	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR0DH305187	LG95245	02/26/2013
3604	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR3DH301201	LG95249	02/26/2013
3605	\$111,378.00	2014 INTER UTILITY HD	1HTWCAAR5DH301202	LG95250	02/26/2013
3700	\$25,732.42	2002 VERMEER CHIPPER	1VRN1416521008010	LG65162	08/28/2002

DEPARTMENT: 601132030 - Repair Maintenance					
4714	\$3,133.00	2013 PEQUEA TRAILER	4JA8016T3DG122400	LG99381	08/06/2013
4715	\$2,842.00	2013 BUTLER TRAILER FB	1BUD12200D1006921	00257LG	07/10/2013
4716	\$45,000.00	2013 VERMEER STMP GNDER	1VRY12056D1002262	X	07/10/2013
4717	\$35,729.00	2013 VERMEER CHIPPER	1VR2161V6D1005450	00256LG	07/10/2013
4718	\$5,200.00	2013 TOWMASTER TRAILER	4KNUT1620DL161676	00342LG	09/05/2013
4719	\$5,200.00	2013 TOWMASTER TRAILER	4KNUT1627DL161674	00343LG	09/05/2013
4720	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10015	LG99326	07/29/2013
4721	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10016	LG99328	07/29/2013
4722	\$32,858.00	2013 KUBOTA TRACTOR 2WD	M7060HFC10017	LG99327	07/29/2013
4723	\$135,195.00	2015 INTER DUMP	3HAWAAARXFL647152	00323LG	11/25/2014
4724	\$135,195.00	2015 INTER DUMP	3HAWAAAR1FL647153	00322LG	11/25/2014
4725	\$135,195.00	2015 INTER DUMP	1HTWAAARXFH711583	00336LG	02/25/2015
4750	\$114,921.00	2015 INTER ROLL OFF	1HTZZAAL3FH647131	00258LG	07/18/2014
4760	\$35,860.48	2013 BOBCT SKIDLOADER	A3P017377	X	08/27/2013
4761	\$35,860.48	2013 BOBCT SKIDLOADER	A3P017325	X	08/27/2013
4780	\$3.00	1984 GALON WHL ROLLER	60596	X	09/22/1983
4800	\$45,500.00	2014 Cutting Systems PLATYPUS	221310114	LG99325	10/10/2013
5504	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW15CN88475	LG72748	02/16/2005
5603	\$46,218.00	2004 FORD UTILITY	1FDAF56P34ED45905	LG72617	08/04/2004
5604	\$46,218.00	2004 FORD UTILITY	1FDAF56P54ED45906	LG72616	08/04/2004
5605	\$29,377.22	2004 FORD CARGO VAN	1FTSE34P74HB42386	LG72654	08/19/2004
5606	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P94HB42387	LG72655	08/19/2004
5607	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P04HB42388	LG72656	08/19/2004
5608	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P24HB42389	LG72657	08/19/2004
5611	\$29,391.00	2004 FORD CARGO VAN	1FTSE34P04HB42391	LG72659	08/19/2004
5612	\$4,993.00	2004 DANZER TRAILER	5KW200F244D001407	LG72663	07/07/2004
5613	\$7,066.00	2004 INGERSOL R LIGHT TOWE	342513UAO789	LG72724	08/04/2004
5614	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW55CN88477	LG72746	02/16/2005
5615	\$60,816.00	2005 FREIGHTLIN STEP VAN	4UZAANBW35CN88476	LG72747	02/16/2005
5663	\$26,999.00	1994 CASE TRENCHER	JAF0163626	X	11/28/1994
5681	\$20,498.00	2004 CHEVR ASTRO VAN	1GCDM19X14B130102	LG72557	07/02/2004
5682	\$20,498.00	2004 CHEVR ASTRO VAN	1GCDM19X84B129741	LG72558	07/22/2004
5703	\$258,782.83	2015 MACK REFUSE	1M2AV02C4FM013392	00341LG	02/13/2015
5719	\$58.20	1994 INGERSOL R COMPRESSOR	248313VGE327	LG41549	10/07/1994
5720	\$2,595.00	1995 CUSTOM TRAILER	1YB321537S1B1TO77	LG41561	10/28/1994
5721	\$44,951.00	1995 CASE BACKHOE	JJG0182598	X	10/28/1994

DEPARTMENT: 601132030 - Repair Maintenance					
6510	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V861271881	LG79130	08/11/2006
6511	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA26553	03188LG	12/21/2015
6512	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA26556	03189LG	01/04/2016
6513	\$28,283.00	2016 FORD VAN TRANSIT	1FTYR1CM9GKA26561	03190LG	01/06/2016
6600	\$49,998.00	2006 FORD UTILITY	1FADF56PX6EB50144	LG75728	11/17/2005
6603	\$20,650.00	1995 SRECO SEWER/FLUS	4H5W31722SL952037	LG46597	10/01/1995
6604	\$21,160.00	2006 CHEVR TRLBLAZER	1GNDT13S762116800	LG75660	08/18/2005
6605	\$49,998.00	2006 FORD UTILITY	1FADF56P36EB50146	LG75731	11/17/2005
6606	\$49,998.00	2006 FORD UTILITY	1FADF56P56EB50147	LG75727	11/17/2005
6607	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V661270955	LG79131	08/11/2006
6608	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V961270738	LG79132	08/14/2006
6609	\$17,387.00	2006 GMC CARGO VAN	1GTHG35V761270298	LG79133	08/11/2006
6610	\$17,387.00	2006 GMC CARGO VAN	1GTHG35VX61273115	LG79134	08/11/2006
6611	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM3GKA37264	03184LG	01/04/2016
6612	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM5GKA37265	03191LG	01/06/2016
6613	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM1GKA37263	03198LG	02/03/2016
6614	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM7GKA37266	03199LG	02/03/2016
6680	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM8GKA37261	03186LG	12/21/2015
6681	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA37262	03187LG	12/21/2015
6682	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CM8GKA37258	03192LG	01/06/2016
6683	\$28,514.00	2016 FORD VAN TRANSIT	1FTYR1CMXGKA37259	03197LG	02/03/2016
6701	\$9,950.00	1986 CASE TRACTOR	B015391	X	05/27/1986
6705	\$23,159.08	1995 HOWARD PRI MOWER	4D76738	X	08/28/1995
6710	\$21,177.74	2006 CHEVR TRLBLAZER	1GNDT13S762112438	LG75661	08/18/2005
6713	\$35,922.37	2006 CHEVR PICKUP 4WD	1GCHK242X6E110649	LG75672	10/04/2005
6715	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24226E113030	LG75674	10/04/2005
6716	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24256E110364	LG75675	10/04/2005
6717	\$93,418.00	2006 INTER DUMP	1HTWDAARX6J252989	03704LG	11/11/2005
6718	\$93,418.00	2006 INTER DUMP	1HTWDAAR26J252985	03703LG	11/11/2005
6719	\$93,420.67	2006 INTER DUMP	1HTWDAAR66J252990	03702LG	11/11/2005
6720	\$93,418.00	2006 INTER DUMP	1HTWDAAR86J252988	03701LG	11/28/2005
6721	\$934,285.87	2006 INTER DUMP	1HTWDAAR66J252987	03705LG	12/08/2005
6722	\$93,453.54	2006 INTER DUMP	1HTWDAAR46J252986	LG75724	12/15/2005
6725	\$4,956.00	2006 CENTREVILL TRAILER	5JVBT142161001029	LG75766	01/17/2006
6730	\$20,994.68	2006 TORO MOWER	30627-260000187	X	05/10/2006
6731	\$16,630.00	2006 STONE ROLLER	242006079	X	06/30/2006

DEPARTMENT: 601132030 - Repair Maintenance					
6824	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM2GKA15286	02749LG	10/12/2015
6825	\$28,068.00	2016 FORD VAN TRANSIT	1FTYR1CM6GKA37260	03185LG	12/21/2015
6853	\$21,160.00	2006 CHEVR TRLBLAZER	1GNDD13SX62116676	LG75664	08/18/2005
7318	\$19,909.00	2007 CHEVR TRLBLAZER	1GNDD13S372261527	LG79621	05/14/2007
7500	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL7HG572608	06455LG	02/14/2017
7501	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL5HG572610	06458LG	02/14/2017
7502	\$63,915.00	1997 INTER AERIAL PLF	1HTSCABM8VH453848	LG48452	11/20/1996
7503	\$64,158.00	1997 INTER AERIAL PLF	1HTSCABM9VH465877	LG48476	01/24/1997
7504	\$5,450.00	2006 BUTLER TRAILER	1BUD1420861003148	LG79197	10/26/2006
7505	\$46,853.99	2006 VERMEER BACKHOE	1VRS0721061001326	X	10/26/2006
7506	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16377904102	LG81474	08/21/2007
7507	\$50,189.77	2007 CHEVR UTILITY BOX TK	J8BE5B16677905728	LG81475	08/21/2007
7551	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31518EC59146	LG82648	10/25/2007
7601	\$5,659.20	2007 GENERAL CARGO PORT-A-COOL	5H7US08197C009582	LG83256	07/02/2007
7602	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L48DA10048	LG82814	11/06/2007
7603	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L68DA10049	LG82815	11/06/2007
7604	\$17,056.00	2008 FORD ECONOLINE	1FTSE34L28DA10047	LG82816	11/06/2007
7607	\$35,773.00	2008 GMC STAKE	1GDE4C1GX8F402068	LG82645	10/25/2007
7610	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM78H655995	LG82647	10/12/2007
7611	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM98H655996	LG82807	10/12/2007
7612	\$82,782.00	2008 INTER UTILITY BOX TK	1HTMMAAM08H655997	LG82649	10/12/2007
7613	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL9HG572612	06454LG	02/14/2017
7614	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL0HG572613	06456LG	02/14/2017
7615	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL9HG572609	06503LG	02/14/2017
7616	\$60,740.30	2017 RAM UTILITY BOX TK	3C7WRMDL2HG572614	06470LG	02/14/2017
7690	\$23,015.47	FORD CARGO VAN	NM0LS6F78H1293230	05962LG	09/07/2016
7691	\$22,129.00	2017 RAM PICKUP	3C6JR6DG1HG548706	06319LG	02/01/2017
7693	\$60,740.30	2017 RAM PICKUP	3C6JR6DG1HG610783	06321LG	02/01/2017
7692	\$60,740.30	2017 RAM PICKUP	3C6JR6DGXHG610782	06320LG	02/01/2017
7700	\$28,685.00	1986 MTRAK TRAILER	1C9A51V37GG099269	LG29251	10/20/1986
7711	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24DX7E126966	LG79191	10/09/2006
7712	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D07E126474	LG79192	10/09/2006
7713	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D87E126450	LG79193	10/09/2006
7714	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D17E127469	LG79182	10/18/2006
7716	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D17E128413	LG79184	10/18/2006
7718	\$28,742.00	2007 NEW HOLLAND TRACTOR	HJE074698	LG79539	12/01/2006

DEPARTMENT: 601132030 - Repair Maintenance					
8717	\$3,854.00	1998 TGALG TRAILER	1C9ST2422W1193059	LG52242	05/05/1998
8718	\$3,854.00	1998 TGALG TRAILER	1C9ST2429W1193060	LG52243	05/05/1998
8719	\$3,854.00	1998 TGALG TRAILER	1C9ST2420W1193061	LG52244	05/05/1998
8720	\$110,853.00	2008 INTER DUMP	1HTWDAAR18J674605	LG83243	02/08/2008
8721	\$110,853.00	2008 INTER DUMP	1HTWDAAR38J674606	LG83244	02/08/2008
8722	\$110,853.00	2008 INTER DUMP	1HTWDAAR88J674603	LG83245	02/08/2008
8723	\$110,853.00	2008 INTER DUMP	1HTWDAARX8J674604	LG83257	02/20/2008
8800	\$17,483.00	1998 CROSS COUN TRAILER	431FS1023W1000214	LG52208	12/10/1997
8804	\$5,380.00	1988 GENER TRAILER	1120TD306JS090001	LG22845	03/09/1988
8810	\$50,189.77	1997 CLARK FORKLIFT	P365D-0114-9481	X	01/23/1998
8812	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16787901700	LG85048	07/17/2008
8813	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16187901661	LG85650	07/17/2008
8814	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16X87901674	LG85651	07/17/2008
8815	\$50,189.77	2008 CHEVR UTILITY BOX TK	J8BE5W16387901645	LG85653	07/17/2008
8852	\$3,479.00	1997 CARGOMATE TRAILER	4X4TSE42XVB005826	LG51871	09/12/1997
9505	\$19,924.84	1999 CHEVR ASTRO VAN	1GCDM19WXXB112354	LG52982	11/04/1998
9700	\$21,680.00	1978 JH DR BULLDOZER	303063T	X	07/10/1978
9710	\$29,650.00	1989 MTRAK TRAILER	1C9B51V36KG099110	LG31412	05/01/1989
9719	\$9,649.00	1998 EAGER BEAV TRAILER	112HTN30XWL051843	LG52971	08/27/1998
9720	\$47,772.65	1999 INTER CREW CAB	1HTSCABM0XH680177	LG54405	02/04/1999
9721	\$47,686.93	1999 INTER CREW CAB	1HTSCABM2XH680178	LG54406	02/04/1999
9722	\$47,685.28	1999 INTER CREW CAB	1HTSCABM4XH680179	LG54407	02/04/1999
9723	\$47,652.00	1999 INTER CREW CAB	1HTSCABM0XH680180	LG54408	02/04/1999
9724	\$17,800.00	1999 MY FG TRACTOR	H02190	LG55485	03/16/1999
9725	\$17,800.00	1999 MY FG TRACTOR	H02194	LG55482	03/16/1999
9726	\$17,800.00	1999 MY FG TRACTOR	H02204	LG55484	03/11/1999
9727	\$17,800.00	1999 MY FG TRACTOR	H02138	LG55483	03/11/1999
9728	\$17,848.52	1999 MY FG TRACTOR	H07167	LG55641	05/12/1999
9861	\$7,450.00	1988 DELCO PRE-WASHER	188-41173	X	01/01/1988

Distinct Count of Equipment: 389

DEPARTMENT: 550132040 - Plant Operation					
2405	\$6,600.00	2012 J DEERE X-700 TRACTOR	1M0X700ATCM070130	X	04/24/2012
4307	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X34Z126660	04128LG	08/27/2003
4308	\$14,431.00	2004 CHEVR PICKUP 4WD	1GCEK14X84Z127173	LG66497	08/27/2003
6405	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24226E108992	LG75670	10/04/2005
6409	\$20,994.64	2006 TORO MOWER	260000288	X	08/10/2006
7400	\$19,909.00	2007 CHEVR TRLBLAZER	1GNDT13S472262783	LG79622	05/14/2007
7408	\$26,138.00	2007 CHEVR UTILITY 4WD	1GCHK24D27E125486	LG79178	10/18/2006
7409	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D77E128285	LG79179	10/18/2006
7410	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D27E128775	LG79180	10/18/2006
7411	\$26,138.00	2007 CHEVR PICKUP 4WD	1GCHK24D37E128753	LG79181	10/18/2006
7412	\$21,845.00	2008 FORD CREW CAB	1FTWW305X8EC06589	LG82624	09/28/2007
7413	\$21,845.00	2008 FORD CREW CAB	1FTWW30588EC06588	LG82625	09/28/2007
7414	\$21,845.00	2008 FORD CREW CAB	1FTWW30568EC06587	LG82626	09/28/2007
7415	\$21,845.00	2008 FORD CREW CAB	1FTWW30548EC06586	LG82627	09/28/2007
7416	\$26,642.13	2008 FORD UTILITY 4WD	1FTWF31558EC59148	LG93662	10/26/2007
7417	\$16,576.00	2008 FORD ECONOLINE	1FTSE34L88DA10053	LG82821	11/06/2007
7418	\$16,576.00	2008 FORD ECONOLINE	1FTSE34L18DA10055	LG82818	11/06/2007
7419	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31578EC59149	LG82837	11/13/2007
7420	\$26,615.00	2008 FORD UTILITY 4WD	1FTWF31538EC59147	LG82838	11/28/2007

Distinct Count of  
Equipment: 19

551132040 - Plant Operation - Admin					
0400	\$16,655.00	1999 RANSOMES MOWER	9467030491	X	09/13/1999
1403	\$16,655.00	2000 RANSOMES MOWER	9467030748	X	09/11/2000
1404	\$16,655.00	2000 RANSOMES MOWER	9467030750	X	09/11/2000
1405	\$18,943.00	2001 CHEVR PICKUP	1GCEC14W91Z209431	LG61189	01/11/2001
1406	\$26,175.00	2001 CHEVR PICKUP 4WD	1GCHK24U11E222394	LG61243	01/25/2001
2400	\$8,950.00	2011 J DEERE JOHN DEERE X700	OX700AHBM060305	X	10/10/2011
3400	\$20,337.21	2002 TORO MOWER	220000378	X	08/09/2002
4401	\$12,517.00	1994 TORO MOWER	40282	X	01/12/1994
4402	\$16,744.73	2003 JACOBSEN MOWER	94671401798	X	10/31/2003
4403	\$16,744.73	2003 JACOBSEN MOWER	94671401799	X	10/31/2003
4404	\$16,744.73	2003 JACOBSEN MOWER	94671401796	X	10/31/2003
4405	\$16,744.73	2003 JACOBSEN MOWER	94671401792	X	10/31/2003
4406	\$15,511.86	2003 JACOBSEN MOWER	94671401795	X	11/11/2003
5400	\$11,949.00	1995 TORO MOWER	30223-50132	X	12/01/1994
5401	\$11,949.00	1995 TORO MOWER	30223-40675	X	12/01/1994
5403	\$11,949.00	1995 TORO MOWER	30223-50136	X	12/01/1994
5407	\$11,949.00	1995 TORO MOWER	30223-50135	X	02/22/1995
5432	\$8,551.33	1985 TORO TRACTOR	30782-50511	X	06/12/1985
6400	\$11,949.00	1995 TORO MOWER	30223-50684	X	09/08/1995
6401	\$11,949.00	1995 TORO MOWER	30223-50607	X	09/08/1995
6403	\$11,949.00	1995 TORO MOWER	30223-50681	X	09/08/1995
6404	\$11,949.00	1995 TORO MOWER	30223-50448	X	01/01/1996
6406	\$35,900.00	2006 CHEVR PICKUP 4WD	1GCHK24246E111361	LG75671	10/04/2005
6407	\$11,397.84	2006 CHEVR PICKUP	1GCEC14X16Z155803	LG72872	10/12/2005
6408	\$18,693.92	2006 JACOBSEN MOWER	94671402059	X	10/28/2005
6410	\$14,343.00	2006 CHEVR PICKUP	3GCEK14X76G151502	LG75734	12/12/2005
6411	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC84FZ539035	02590LG	10/14/2015
6412	\$58,060.30	2015 CHEVR UTILITY 4WD	1GB5KYC82FZ540359	02589LG	10/14/2015
6436	\$4,804.00	1976 TORO TRACTOR	3077460312	X	03/01/1976
6437	\$4,804.00	1976 TORO TRACTOR	3077460308	X	03/01/1976
7401	\$16,694.00	1996 TORO MOWER	30795-60277	X	08/14/1996
7402	\$14,894.00	1996 TORO MOWER	30788-61007	X	08/14/1996
7403	\$14,894.00	1996 TORO MOWER	30788-61037	X	08/14/1996
7405	\$11,949.00	1995 TORO MOWER	30223-50448	X	09/01/1995
8401	\$13,590.00	1997 CUSHMAN MOWER	9467030262	X	07/21/1997

<b>DEPARTMENT: 551132030 - Refuse Removal Program</b>					
0701	\$220,206.00	2011 MACK REFUSE	1M2AV02C1BM006569	LG91010	07/22/2010
0702	\$220,206.00	2011 MACK REFUSE	1M2AV02C8BM006570	LG91011	07/20/2010
5701	\$258,842.28	2015 MACK REFUSE	1M2AV02C0FM012806	LG97778	09/11/2014
5702	\$258,808.95	2015 MACK REFUSE	1M2AV02C2FM012807	LG97780	09/11/2014
6711	\$200,660.96	2006 MACK REFUSE	1M2K189C66M032725	LG75677	10/04/2005
6712	\$200,736.66	2006 MACK REFUSE	1M2K189C86M032726	LG75676	10/04/2005
6723	\$201,041.82	2006 MACK REFUSE	1M2K189C66M033549	LG75763	12/19/2005
6724	\$200,738.27	2006 MACK REFUSE	1M2K189C26M033550	LG75762	12/19/2005
7717	\$228,114.82	2008 MACK REFUSE	1M2AV02C68M001571	LG82643	09/25/2007
7722	\$228,129.71	2008 MACK REFUSE	1M2AV02C48M001570	LG82644	09/25/2007

**Distinct Count of Equipment:**

**10**

## **Preventive Maintenance**

Our Preventive Maintenance (PM) initiative is a hybrid program based on the collaborative work efforts of the Maintenance Shop Crews, Building Supervisors and Engineers and outside service contractors.

Our Preventive Maintenance (PM) strategy is based on the technical definition of the term as follows:

1. The care and servicing of facilities and operational systems for the purpose of maintaining equipment and facilities in satisfactory operating condition by providing for systematic inspection, detection, and correction of incipient failures either before they occur or before they develop into major defects. Preventive Maintenance includes assessments, tests, measurements, adjustments, and parts replacement, performed specifically to prevent faults from occurring. Preventive Maintenance requires strategic actions for prolonging the life of building components.
2. We have begun implementing our Preventive Management module in our computerized facility management system, School Dude, scheduled to go live during the 2017-2018 school year. During the 2017-2018 school year, we will begin the process of inventorying and coding all equipment including location, condition, and year.
3. As mentioned earlier, our PM strategy is a hybrid program based on the collaborative efforts of the Maintenance Shop crews, Building Supervisors, Building Equipment Operators, and custodial contractors. It is important to note that the main job responsibility of the Building Equipment Operator is to perform preventive maintenance on facility equipment.

Our Work Order System, School Dude, will give us the ability to assign and track preventive maintenance work orders/tasks given to Building Equipment Operators. The activities listed below are scheduled to occur between May 1<sup>st</sup> and September 30<sup>th</sup>, each year, by outside contractors based on established contract requirements as part of our Preventive Maintenance strategy.

## **Low Pressure Centrifugal Chillers**

### **Cooling Season Start-up Preparation and Inspection**

- Checking refrigerant and oil levels
- Checking oil sump and purge oil heaters and temperatures
- Checking and testing all operating and safety controls
- Checking the starter operation
- Starting the chiller and calibrating controls
- Checking purge unit operation
- Logging operating conditions after system and unit stabilize
- Reviewing operating procedures and owner's log with operator
- Checking auxiliary equipment operation

### **Operating Season Inspections**

- Inspecting chiller and adjusting safety controls
- Checking purge operation
- Checking operation of controls
- Checking oil and refrigerant levels
- Checking operation of lube system
- Checking the oil return system
- Checking operation of motor and starter
- Recording operating conditions
- Checking log and reviewing chiller and system operation with operator
- Check condenser and cooler water flows
- Checking the refrigerant cycle to verify the proper operating balance
- Checking condenser water and chilled water heat transfer
- Logging and reporting repairs and parts that are required

### **Annual Equipment Shutdown Inspection and Preventive Maintenance**

- Recording voltages
- Measuring and recording motor winding resistance
- Lubricating open motor
- Checking the alignment on open drive units
- Checking the coupling
- Checking seals
- Checking inlet vane operator and linkage; lubricating where required

### **Checking the Compressor Oil System**

- Changing oil, oil filter and dryer
- Conducting analysis on oil and oil filter at an independent laboratory
- Checking oil pump, seal and motor
- Cleaning the dirt leg
- Checking heater and thermostat
- Checking all other oil system components including cooler, strainer and solenoid valve where applicable

### **Checking Motor Starter**

- Running diagnostic check
- Cleaning and inspecting heat exchanger
- Checking starter coolant pump and motor
- Megging motor
- Checking all terminals and tightening connections
- Cleaning or replacing air filter or starter fluid
- Checking overloads and calibrating
- Checking status lights

### **Review the Control Panel**

- Running diagnostic check of Micro Control Panel
- Checking safety shutdown operation
- Checking all terminals and tightening connections
- Checking Display Data accuracy and set points

### **Reviewing the Purge Unit**

- Inspecting the operation of the unit
- Changing filter drier
- Checking all other components for proper condition and operation; recording pressure control set point

### **Checking the Condenser**

- Checking flow switch operation
- Removing condenser head and inspecting end sheets
- Mechanically brush cleaning condenser water tubes

### **Checking the Cooler**

- Checking flow switch operation
- Checking refrigerant level

### **Checking the System**

- Conducting a leak check and identifying leak sources for repairs
- Adding refrigerant as required (refrigerant provided by owner)
- Recording condition of sight glasses
- Checking the refrigerant cycle to verify the proper operating balance
- Checking condenser water and chilled water heat transfer

### **General items**

- Repairing insulation removed for inspection and maintenance procedures
- Cleaning equipment and surrounding area upon completion of work
- Consulting with the operator
- Reporting deficiencies and repairs required

## **Cooling Tower Unit**

### **Annual Maintenance Inspection**

- Check volt/amps of fan motor(s)
- Check/tighten all electrical connections
- Check all starters/contactors for wear
- Check all operating/safety controls
- Check belts/replace per contract
- Check sheaves wear / alignment
- Check/clean fan sheaves and blade assembly
- Check/lubricate motor bearings
- Check/lubricate blower/fan bearings
- Check/lubricate couplings
- Check/lubricate gear boxes
- Check/clean strainers and screens
- Check/clean distribution pans/spray nozzles
- Check/clean sump
- Check/adjust float valve
- Check/adjust bleed-off rate
- Check/lube damper assembly if applicable
- Check economizer/controls if applicable
- Check/fill and baffles if applicable
- Check sump heaters operation if applicable
- Check overall condition of unit

### **Operational Inspection**

- Check volt/amps of fan motor(s)
- Check/adjust belt tension
- Check sheaves wear/alignment
- Check/flush sump
- Check/adjust float valve
- Check/adjust bleed-off rate
- Check/clean strainers and screens
- Check/clean debris from unit
- Check/distribution pans/spray nozzles
- Check blower/fan bearings
- Check motor bearings
- Check overall condition of unit

### **Shutdown Inspection**

- Check volt/amps of fan motor
- Check/flush and drain sump
- Check/drain make-up water piping
- Check/drain piping
- Check/clean strainers and screens
- Check/clean debris from unit
- Check distribution pans/spray nozzles
- Check blower/fan bearings
- Check overall condition of unit

## **Screw Air-Cooled Chillers**

### **Cooling season start-up preparation and inspection**

- Checking auxiliary equipment operation
- Checking refrigerant levels
- Perform oil analysis
- Checking the compressor heater, oil temperature and lube system
- Checking and testing all operating and safety controls
- Checking for proper voltage and starter operation
- Starting the chilled and condenser water pumps where applicable
- Starting the unit and calibrating controls and transducers
- Checking the proper settings for sub cooling and super heat
- Logging operating conditions after the unit stabilizes
- Reviewing operating procedures with the operator
- Removing debris from inside and around the unit
- Inspecting condenser coils for blockage and clean lines
- Inspecting and tightening electrical connections
- Checking the fan and fan motor operation after start-up

### **Operating Season Inspections**

- Logging operating conditions and identifying inconsistencies
- Adjusting operating controls if required
- Checking for proper oil level and refrigerant charge
- Checking the oil temperature and compressor heater
- Inspecting starter, relays and controls
- Inspecting the air-cooled condenser fans, and motor operation
- Removing debris from inside and around the unit
- Removing operating procedures and the owner's log with the operator

### **Annual equipment shutdown inspection and Preventive Maintenance**

- Measuring and recording motor winding resistance
- Changing the oil filter
- Checking the oil level in the lube system; adding oil as required; and conducting an oil acidity test
- Conducting a leak check and correcting leaks; also adding refrigerant as required
- Changing the filter-dryer
- Checking the crankcase heater for proper operation
- Tightening the power wiring on contactors and in the motor terminal box
- Cleaning all contactors and recommending replacement if required
- Checking all relays, operating controls and safeties
- Checking and calibrating all controls, safeties, unloaders, and external interlocks

## **Electrical Backup Generators**

Under an existing contract; generators are inspected annually by outside contractors. The service includes testing, lubrication, oil and filter change, battery check and overall system check including the transfer switch.

## Boiler Room Procedures

### Daily

Check and service the boilers, oil burners, and gas burners each morning. Enter all data in the boiler logbook.

Check the boiler water level daily by opening the Try Cocks and the sight-glass drain valve. Do not operate a boiler with too little or too much water. It must be between the top and bottom Try Cocks.

Stick the oil tank on Monday, Wednesday, and Friday to determine the amount of oil on hand. Record on log sheet.

### Weekly

The bottom blow down valve is to be opened for a five second blow down once a week. Build up pressure on the boiler then shut it off for ten minutes before the bottom blow down is opened.

Check the burner, fan belts, and the oil level in the burner gearbox each week on the rotary cup oil burners. The oil level is maintained one-quarter inch from the cup rim.

Test the low draft cut-off weekly by opening the line to the fan chamber. With the line open, the burner should shut down in about eight seconds.

Once a week the scanner is to be tested by its removal while the burner is operating. Wait for the timer in the control to come to a stop to be sure the igniter is off. The control must be reset two minutes after the burner has come to a stop.

### Weekly

First turn off the compressor.

Clean the air filter.

Check the oil level three times a week - Monday, Wednesday and Friday

Drain the water from the tank and airline filters.

Check the compressor belt.

Keep the compressor clean by wiping the unit with a dampened cloth, after the compressor has cooled.

Clean dust and dirt off condenser coils on the air dryer once a month.

Change the oil in the compressors as recommended by the manufacturer.

Use only oil recommended by the manufacturer.

Check the compressor air safety valve once a week or as recommended by the manufacturer.

### Twice Weekly

Test the low water cut-off twice each week by lowering the level in its equalizing line with the burner operating. Alternate between the water column and the low water cut-off drain for the best flushing of the lines. Report immediately if the burner will not shut down.

Clean the oil strainers twice a week.

## **Monthly**

Open the surface blow down valves on the boilers every thirty days. Use the quick opening valve first and the slow opening valve next. Open with a pressure on the steam gauge and close in about ten seconds. Close the slow opening valve first.

The safety valves on the steam boilers must be opened fully once each week with pressure on the steam gauge and released to allow the valve to close quickly.

### **Atomizing Oil Burners**

The oil nozzle and diffuser on atomizing burners using number two fuel oil should be cleaned monthly.

The oil nozzles and diffuser on atomizing burners should be removed and cleaned every Monday, Wednesday and Friday, and the first day after a holiday.

Check the burner opening for carbon buildup and clean.

Report problems of the oil burners to the Department of Maintenance.

### **Atomizing Oil Burner Air Compressor**

Clean the air filters on the compressors once a week.

Check the oil level daily.

Report problems of oil leaks and other malfunctions of the compressor to the Department of Maintenance.

Change the oil in the compressors as recommended by the manufacturer.

Drain the traps on the compressor each day to prevent oil from getting into the air line connected to the oil burner.

Check the compressor air safety valve once a week.

Check the compressor air lines weekly for leaks or cracks.

### **Permanent Air Filters - Cleaning Procedures**

Brush or vacuum heavy dust from metal air filters.

Wash filters with water; allow drying.

Spray filters with filter oil.

Clean filters every thirty days.

Maintain log sheet of filters cleaned.

### **Replaceable Throwaway Filters**

Replace with new air filters when filters are dirty or every thirty days, whichever occurs first. Filters are already treated with filter oil.

Keep log sheet of filters changed.

## **Bag and Pre-Filter Systems**

Pre-filters on systems having bag filters are to be changed every thirty days  
Bag filters on systems with pre-filters are to be changed yearly, more often, as needed.

Bag filter systems are to be changed every six months or as needed.

## **Kitchen Hood Filters**

Clean the kitchen hood filters once a week. Do not spray with oil.

Kitchen Hoods fire suppression systems and are tested every six months

Keep log sheet of all filters cleaned.

## **Emergency Generator**

Cut off the generator before checking.

Check fluid level in the radiator.

Check tension of fan belts.

Check engine oil level.

Check battery water level.

Check exhaust system every thirty days.

Clean the battery cables every ninety days.

Change the oil and oil filter. Use only the oil recommended for the generator.

Change the fuel filter.

Change the air intake filter.

Some units will have an automatic operating switch to turn the units on.

However, you must check the units yourself to make sure they will run.

All emergency generators must be tested each day that the building is scheduled for use by an activity in the evening.

## **Emergency Battery Power Pack Lighting Units**

Check the operation of units twice a week on Tuesday and Thursday.

Check the battery water level once a week. Clean the battery cables once every thirty days.

Report all problems of units to Department of Maintenance.

## **Gas Fueled Water Heaters**

### **Daily**

Check for the smell of gas leaks. If gas leaks are detected, shut off the main gas valve to that unit.

Check water temperatures.

Look for water leaks around the pressure relief valve. Check the relief valve every six months for proper operation.

Report problems of operation to Maintenance Department immediately.

Keep log sheet of operation of hot water heaters.

## **Oil Fueled Heaters**

### **Daily**

Check for oil leaks. If leaks are detected, shut down heater by the main electrical switch and close oil line valve.

Check water temperatures.

Look for water leaks around the pressure relief valve. Check the relief valve every six months for proper operation.

Report problems of operation to Maintenance Department immediately.

Keep log sheet of operation of hot water heaters.

## **Electric Heaters**

### **Daily**

Check for electrical problems. If electrical problems are detected, shut off the main electrical switch to the heater.

Check the water temperature.

Look for water leaks around the pressure relief valve.

Check the relief valve every six months for proper operations.

Report problems of operation to the Department of Maintenance, immediately.

Keep log sheet of operation of hot water heaters.

## **Hot Water Storage Tanks**

### **Daily**

Check temperatures and pressures on the gauges.

Report any steam or water leaks to Maintenance Department.

Check the pressure relief valves for water leaks. Check the relief valve every six months for proper operation.

Keep log sheet of operation of hot water storage tanks.

Some hot water storage tanks are heated by a boiler and/or hot water heat. During the winter months or whenever the boiler is on, the hot water heater should be shut down.

### **Procedures for Cleaning and Hosing Down the Boiler Room**

Cut off all electrical equipment.

Brush down the boilers, pipes, equipment and electrical panel. Do not use water.

Sweep the boiler room floor.

Before hosing the boiler room floor, cover the electrical equipment near the floor with a protective covering to prevent water from getting into the equipment.

By following these instructions, you will be protecting yourself and others from danger.

### **Procedures for Checking the Fire Alarm Systems**

Building supervisors and building equipment operators must check the fire alarm system early each morning prior to the arrival of students, using a different station each day.

Maintain log sheet of dates checked and the number/location of the station checked each day.

If it becomes necessary to test the alarm after 4:00 p.m. or before 8:00 a.m. Monday through Friday or at any time on weekends or holidays, the Security Office must be notified prior to the test.

Any malfunctions of the fire alarm system should be reported to the Department of Maintenance, immediately.

### **Procedures for Checking the Air Handling Units and Unit Ventilators**

Check and clean the air filters every thirty days, more often if needed. Be sure to vacuum inside the unit. Check the fan belts.

The motors will require oiling and greasing as prescribed by the manufacturer. Contact the Department of Maintenance.

The shaft bearing will require oiling or greasing as prescribed by the manufacturer. Contact the Department of Maintenance.

Keep log sheet of filters cleaned and motors oiled.

Use the right grade of motor oil recommended by the manufacturer for all equipment.

Report any malfunctions of equipment to the Department of Maintenance.

## **Summer Maintenance for Mechanical Equipment**

### **Boiler Lay-up Procedures**

Before the final shut-down check for leaks or other defects in the boiler and report.

Blow down the water column and the low water cut-off.

Check the safety valve.

After the final shut-down all boilers not utilized for heating water for the kitchen or showers shall be thoroughly cleaned for summer lay-up by the third week in May. All others shall be cleaned no later than the end of the third week in June.

Clean the tubes and the tube sheet before the boiler cools down.

As soon as the boiler cools down, clean the combustion chamber and the rear tube sheet. Remove soot from the top of the firebox wall and from the firebox. Be careful in the removal of carbon from the brickwork. The carbon may be fused to the brick and you may cause damage to the firebox.

Remove soot from the breeching and the chimney clean-out door. Leave the clean-out door or any other door in the breeching open to reduce the draft being drawn through the boiler. Brush or remove soot from all piping, boilers and auxiliary equipment.

Remove all soot from the boiler room and thoroughly clean the burner inside and out. Clean soot and dirt off other equipment in the boiler room.

Clean the oil nozzles on air atomizing burners.

Clean the oil filters.

Empty sand pans and refill with clean sand.

Sweep and hose the boiler room floor. Clean all oil from the boiler room floor.

Remove unnecessary items and clean the boiler room thoroughly. Do not soak the boiler or electrical equipment.

Leave all doors on the boilers and breeching open.

### **Unit Ventilators and Convectors**

#### **Monthly**

Remove unit cover and clean around fans thoroughly.

Wipe up spilled oil.

Brush the underside of the heating coil.

Wash the filter with water pressure. Allow to dry.

Oil the motor and fan bearings and check the belt.

Check the convectors for dust or cobweb accumulation and clean.

## Roof Fans

### Monthly

Replace with new air filters when filters are dirty or every thirty days, whichever occurs first.

Turn on the fans. The fan will have a switch to turn it off in its housing to control the operation while servicing.

Check the belt and grease the motor and fan bearings, where it is required.

Report frayed belts or other malfunctions.

After checking the fans, turn off all fans that are not needed during the summer shutdown.

## Facilities Needs/Plan

Attachment C provides a list of schools identified as in need of major projects and does not include the 12 office buildings. The list includes a description of the project, the estimated cost, the funding source and the year the project is funded. Projects identified under the category of CIP are coded as Cnty A (County Approved), ASP (Aging Schools Program), S/PF (Systemics/Pending Funding), Request (will be requested for inclusion in the CIP), BPW/PF (Board of Public Works/Pending Funding, ACI (Air Conditioning Initiative) and Request/Grant (there is a grant match). This list does not include projects identified as Secondary School Reform and Special Education Initiative.

These projects are based on the PARSONS study, the Master Plan Support Project, our work order system; mandated environmental compliance requirements, and from the insight of our maintenance staff on the life cycle of our buildings and equipment.

Attachment C

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded	
ADELPHI ELEMENTARY	Playground Equipment	\$30,000	Cnty Approved	2015	
	Serving lines, exhaust, refrigerator, freezer	\$400,000	Cnty Approved	2015	
	Roof coating	\$192,000	Cnty Approved	2017	
	Generator installation	\$95,000	Request	2019	
	Replace 2 octagon RTU	\$400,000	Request	2019	
	Boiler replacement - 2	\$450,000	Request	2019	
ALLENWOOD ELEMENTARY	Central air conditioning system	\$974,000	ACI-Approved, State and Cnty	2014	
	Steam kettle and electric breaker panel replacment	\$33,000	Cnty Approved	2014	
	Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016	
	Window wall-49 windows, 7 doors	\$575,000	State and Cnty Approved	2017	
	Asbestos ceiling tile abatement	\$100,000	Cnty Approved	2018	
	Repaving playground area	\$22,500	Cnty Approved	2018	
	Generator installation	\$95,000	Request	2019	
	Water main replacement	\$250,000	Request	2019	
	APPLE GROVE ELEMENTARY	Unit Ventilator Replacement (EEI)	\$903,000	State and Cnty Approved	2014
Generator replacement various schools		\$82,000	State and Cnty Approved	2015	
Upgrade grease trap-code violation		\$45,000	Cnty Approved	2015	
Playground Equipment-PreK		\$30,000	Cnty Approved	2015	
Exterior door replacement		\$200,000	ASP	2015	
5-3 Ton packaged gas A/C, for 5 Rm's/replacement		\$80,000	General Operating	2016	
Asbestos ceiling tile abatement		\$200,000	Cnty Approved	2018	
Fencing & repaving basketball court		\$22,500	Cnty Approved	2018	
Asbestos floor tile abatement		\$100,000	General Operating	2018	
Asbestos ceiling tile abatement		\$125,000	Cnty Approved	2018	
Roof replacement		\$1,375,000	Request	2019	
Repave all asphalt surfaces		\$300,000	Request	2019	
Exterior window and door replacement		\$850,000	Request	2019	
ARDMORE ELEMENTARY		Steam kettle and electric breaker panel replacment	\$33,000	County Approved	2015
		Fire alarm replacement	\$125,000	State and Cnty Approved	2016
		Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016
	Repavement of parking lot	\$250,000	State and Cnty Approved	2016	
	Underground storage tank removal/install above storage tank	\$250,000	Request	2019	
	Generator installation	\$95,000	Request	2019	
	Bathroom partition replacement	\$50,000	Request	2019	
ARROWHEAD ELEMENTARY	Condensate piping	\$539,452	State and Cnty Approved	2013	
	Steam kettle and electric breaker panel replacment	\$33,000	Cnty Approved	2015	
	Drainage repair	\$0	State and Cnty Approved	2015	
	Mechanical Equipment Upgrade - Phase I	\$1,916,000	State and Cnty Approved	2018	
	Switchgear replacement	\$150,000	Request	2019	
	Generator installation	\$95,000	Request	2019	
	Windows, storefront, doors replacement	\$650,000	Request	2019	

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Ceiling system replacement	\$500,000	Request	2019
AVALON ES	HVAC upgrades - change to dual temp, replace chiller, boiler and AHUs (Gym, MPR) Phase II	\$3,000,000	Request	2019
	Replace playground equipment	\$90,000	Request	2019
	Bathroom, health room, and administration upgrades	\$100,000	Request	2019
BADEN ELEMENTARY	Steam kettle and electric breaker panel replacement	\$33,000	Cnty Approved	2015
	Univent replacement and fan coil-whole school	\$1,917,000	State and Cnty Approved	2017
	Exterior door replacement	\$255,000	State and Cnty Approved	2017
	Cabinetry replacement - Classrooms	\$150,000	Request	2019
	Bathroom, health room, and administration upgrades	\$250,000	Request	2019
BARACK OBAMA ES				
BARNABY MANOR ELEMENTARY	Roof replacement-partial 1991 mod only	\$371,000	State and Cnty Approved	2014
	Steam kettle and electric breaker panel replacement	\$33,000	Cnty Approved	2015
	Upgrade grease trap-code violation	\$45,000	Cnty Approved	2015
	Floor tile replacement in MPR	\$20,000	General Operating	2016
	Partition replacement	\$50,000	General Operating	2018
	Generator installation	\$95,000	Request	2019
BEACON HEIGHTS ELEMENTARY	Boiler replacement	\$449,572	State and Cnty Approved	2013
	Upgrade grease trap-code violation	\$45,000	Cnty Approved	2015
	Add water booster pump system	\$80,000	General Operating	2016
	AHU, condensate piping, metal pan ceiling, univent replacement	\$4,473,000	State and Cnty Approved	2017
	Repave all asphalt surfaces	\$90,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019
	Asbestos containing floor tile abatement/install tile	\$150,000	Request	2019
	Water main replacement	\$200,000	Request	2019
	Bathroom, health room, and administration upgrades	\$250,000	Request	2019
BELTSVILLE ACADEMY	Condensate piping	\$719,270	State and Cnty Approved	2013
	Steam kettle and electric breaker panel replacement	\$33,000	Cnty Approved	2015
	Windows and Tech FAB panels replacement	\$2,000,000	State and Cnty Approved	2015
	Univent replacement/controls upgrade, window replacement	\$2,811,000	State and Cnty Approved	2017
	Elevator, Lift installation-ADA Conveyance system	\$639,000	State and Cnty Approved	2017
	Playground replacement	\$35,000	Cnty Approved	2018
	Exterior structural repair - gymnasium	\$128,000	General Operating	2018
	Asbestos abatement in CR's and Library	\$44,890	General Operating	2018
	Roof Replacement	\$2,453,000	State and Cnty Approved	2018
	Water main replacement	\$702,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
BENJAMIN FOULOIS CREATIVE PERFORMING ARTS	A/C in MPR	\$79,000	General Operating	2017
BLADENSBURG ELEMENTARY	HVAC replacement	\$1,326,845	Cnty Approved	2015
	Kitchen renovation	\$550,000	Cnty Approved	2016
	Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016
	Roof replacement	\$1,500,000	Request	2019
BOND MILL ELEMENTARY	Unit ventilator replacement	\$722,342	State and Cnty Approved	2012
	Boiler replacement	\$700,000	State and Cnty Approved	2014
	Steam kettle and electric breaker panel replacment	\$33,000	Cnty Approved	2015
	Window replacement	\$1,788,000	State and Cnty Approved	2016
	Interior painting	\$42,000	General Operating	2018
	Stage flooring, curtains, lighting replacement - MPR	\$70,000	Request	2019
BRADYBURY HEIGHTS ELEMENTARY	Chiller replacement	\$181,153	State and Cnty Approved	2012
	HVAC control systems repair	\$59,420	ASP	2013
	Roof replacement	\$1,719,000	State and Cnty Approved	2017
	Repair retaining wall	\$128,000	Request	2019
BRANDYWINE ELEMENTARY	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Fire alarm replacement	\$160,000	Request	2019
	Stage flooring, curtains, lighting replacement - MPR	\$70,000	Request	2019
	Replace switchgear	\$150,000	Request	2019
	Bathroom, health room, and administration upgrades	\$250,000	Request	2019
			\$800,000	Request
C. ELIZABETH RIEG REGIONAL	Structural repairs/ceiling pool room	\$100,000	General Operating	2017
	Remove underground storage tanks/install above ground storage tanks	\$200,000	Request	2019
	Ceiling system replacment	\$130,000	Request	2019
	Replace fan coil, AHU	\$800,000	Request	2019
	Piping insulation replacement	\$550,000	Request	2019
			\$800,000	Request
CALVERTON ELEMENTARY	Electrical/mechanical upgrades - upgrade/replace services	\$100,000	Cnty Approved	2015
	Upgrade grease trap-code violation	\$45,000	Cnty Approved	2015
	5- 3 ton packaged gas A/C RTU's	\$80,000	General Operating	2016
	Steam trap replacement	\$1,000,000	Request	2019
	Fire hydrant installation	\$280,000	Request	2019
CAPITOL HEIGHTS ELEMENTARY	Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016
	Asbestos abatement in classrooms	\$15,000	General Operating	2018
	Repave all asphalt surfaces	\$100,000	Request	2019
	Replace playground equipment	\$75,000	Request	2019
CARMODY HILLS ELEMENTARY	Storm water controls	\$400,000	Cnty Approved	2015
	Replace playground equipment	\$90,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
CAROLE HIGHLANDS ELEMENTARY	Chiller replacement (EEI)	\$500,000	State and Cnty Approved	2014
	7-3 ton package gas A/C RTU's	\$200,000	State and Cnty Approved	2016
	Boiler replacement - 2	\$500,000	Request	2019
CARROLLTON ELEMENTARY	7- 3 Ton packaged gas A/C RTU's	\$200,000	State and Cnty Approved	2016
	Fire alarm replacement	\$160,000	Request	2019
CATHERINE T. REED ELEMENTARY	Replace insulation from univent to the main. Replace pipe as required.	\$250,326	ASP	2013
	Pod conversion	\$1,574,800	State and Cnty Approved	2013
	Univents, piping, insulation	\$1,235,513	State and Cnty Approved	2013
	Refurnbish parking lot	\$375,000	ASP	2013
	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Upgrade grease trap-code violation	\$45,000	Cnty Approved	2015
	Generator replacement	\$82,000	State and Cnty Approved	2015
	Playground equipment	\$75,000	Cnty Approved	2016
	Roof top units replacement-7 packaged A/C Gas heat Roof Top Units	\$289,000	State and Cnty Approved	2016
	Chiller replacement	\$192,000	Cnty Approved	2017
	CESAR CHAVEZ ELEMENTARY	Upgrade grease trap-code violation	\$45,000	Cnty Approved
8-3 ton packaged gas A/C RTUs		\$192,000	Cnty Approved	2017
Playground equipment replacement		\$35,000	Cnty Approved	2018
Flooring replacement - MPR		\$60,000	Request	2019
Remove underground storage tanks/install above ground storage tanks		\$200,000	Request	2019
CHAPEL FORGE CENTER	Boiler Replacement	\$501,000	State and Cnty Approved	2014
	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Floor tile replacement/abatement	\$375,000	General Operating	2018
	Interior painting	\$49,000	General Operating	2018
	Fire alarm replacement	\$160,000	Request	2019
	Generator replacement	\$75,000	Request	2019
CHEROKEE LANE ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Repave all asphalt surfaces	\$255,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019
CHILLUM ELEMENTARY	Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016
	5 RTUs, multi-zone replacement, AHU replacement	\$1,917,000	State and Cnty Approved	2017
	Elevator/conveyance systems	\$317,000	ACI-State & Cnty Approved	2018
	Switch gear replacment	\$150,000	Request	2019
CLINTON GROVE ELEMENTARY	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Asbestos flooring tile replacement	\$60,000	General Operating	2017
	Carpet replacement with tile - Media Center	\$20,000	Request	2019
	Cabinetry replacement - Library	\$175,000	Request	2019
	Steam trap replacement	\$1,000,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
COLUMBIA PARK ELEMENTARY	Condensate piping infrastructure replacement	\$800,000	State and Cnty Approved	2014
	Casework, univents and piping replacement	\$674,330	State and Cnty Approved	2014
	Asbestos ceiling tile replacement	\$85,000	Cnty Approved	2015
	Univent replacement	\$592,000	State and Cnty Approved	2017
	Condensate systemic piping replacement Phase II	\$400,000	Cnty Approved	2018
	Chiller installation, fan cool units, and univent condensate pans - Phase II	\$400,000	Cnty Approved	2019
	Bathroom partition replacement	\$50,000	Request	2019
	Boiler replacement - 2	\$500,000	Request	2019
CONCORD ELEMENTARY	Fire hydrant installation	\$280,000	Request	2019
COOPER LANE ELEMENTARY	Parking lot and driveway	\$300,000	Cnty Approved	2015
	Packaged heat pumps through the wall	\$255,000	State and Cnty Approved	2017
CORA RICE/GHOLSON MS	Software and controls upgrade/VFD	\$80,000	General Operating	2018
DEERFIELD RUN ELEMENTARY	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
	Upgrade grease trap-code violation	\$45,000	Cnty Approved	2015
	Lighting replacement	\$160,000	Request	2019
	Repave all asphalt surfaces	\$200,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019
DISTRICT HEIGHTS ELEMENTARY	Upgrade grease trap-code violation	\$36,735	Cnty Approved	2016
	Chiller replacement	\$651,000	State and Cnty Approved	2016
	2 RTUs replacement	\$255,000	State and Cnty Approved	2017
	Replace pumps, piping and reinsulate piping, valves	\$1,600,000	Request	2019
DODGE PARK ELEMENTARY	Interior painting	\$48,000	Cnty Approved	2017
	Piping insulation replacement	\$473,000	General Operating	2017
	Interior painting	\$38,000	General Operating	2018
	Repave all asphalt surfaces	\$150,000	Request	2019
DORA KENNEDY FRENCH IMMERSION AT OLD GREENBELT MIDDLE	Remove underground storage tanks/install above ground storage tanks	\$500,000	Cnty Approved	2018
	Univents/controls, sewer, steam/hot water piping replacement	\$15,000,000	Request	2019
DOSWELL E. BROOKS ELEMENTARY	Playground Equipment-Pre K	\$30,000	Cnty Approved	2015
EDGAR A. POE ELEMENTARY	Condensate piping/insulation	\$539,452	State and Cnty Approved	2013
EXCEL ACADEMY (Mathew Henson)	Cooling tower replacement and brick enclosure	\$200,000	Cnty Approved	2018
	Asbestos ceiling tile replacement	\$150,000	Cnty Approved	2018
	Replace univent and fan coil, controls upgrade	\$900,000	Request	2019
FLINTSTONE ELEMENTARY	Unit ventilator replacement	\$269,755	State and Cnty Approved	2014
	Upgrade grease trap code violation correction	\$45,000	Cnty Approved	2015

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Steam kettle and electric breaker panel replacement project	\$33,000	Cnty Approved	2015
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Total piping replacement	\$1,213,000	State and Cnty Approved	2017
	Playground upgrades	\$45,000	Cnty Approved	2018
FOREST HEIGHTS ELEMENTARY	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
	Upgrade grease trap code violation correction	\$45,000	Cnty Approved	2015
	Fire alarm replacement	\$255,000	Cnty Approved	2017
	Generator installation	\$70,000	Cnty Approved	2017
	Total window wall replacement	\$1,278,000	State and Cnty Approved	2017
	Asbestos containing floor tile abatement/install tile	\$100,000	Request	2019
FORT FOOTE ELEMENTARY	Steam kettle and electric breaker panel replacement project	\$33,000	Cnty Approved	2015
	Total exterior door replacement	\$192,000	Cnty Approved	2017
	Windows and doors replacment	\$1,277,000	State and Cnty Approved	2018
	Package univent replacment	\$1,431,000	State and Cnty Approved	2018
	Bathroom, health room, and administration upgrades	\$250,000	Request	2019
FORT WASHINGTON FOREST ELEMENTARY	Replace fire alarm	\$191,000	Request	2019
FRANCES R. FUCHS ECC	Boiler replacement	\$600,000	State and Cnty Approved	2014
	Playground Equipment-Pre K	\$30,000	Cnty Approved	2015
	Condensate piping/insulation	\$1,533,000	State and Cnty Approved	2017
	Generator replacement	\$45,000	General Operating	2018
	Evacuation area resurfacing	\$1,278,000	Request	2019
	Repave all asphalt surfaces	\$150,000	Request	2019
	Convert pneumatic to DDC control, valves/pumps replacement in mechanical room, piping and insulation repairs	\$2,850,000	Request	2019
FRANCIS SCOTT KEY ELEMENTARY	Carpet replacement with tile and asbestos abatement	\$50,000	State and Cnty Approved	2016
	Upgrade grease trap code violation correction	\$36,735	Cnty Approved	2016
FRANCIS T. EVANS ELEMENTARY	Asbestos ceiling tile replacement	\$150,000	Cnty Approved	2018
	Asbestos hallways floor tiles and mastic	\$20,000	General Operating	2018
	Asbestos hallways ceiling tiles	\$150,000	Cnty Approved	2018
	Cooling tower replacement	\$150,000	Cnty Approved	2018
	Playground Equipment-Pre K	\$30,000	Cnty Approved	2015
	Upgrade grease trap code violation correction	\$36,735	Cnty Approved	2016
	Univent replacement	\$831,000	State and Cnty Approved	2017
GLADYS NOON SPELLMAN ELEMENTARY	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Split AC units replacement	\$192,000	Cnty Approved	2017
	Generator replacement	\$60,000	Request	2019
	HVAC upgrades to include boilers, piping and insulation repl., controls, condenser repl. and relocation, oil tank removal	\$2,800,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
GLASSMANOR ELEMENTARY	Upgrade grease trap code violation correction	\$45,000	Cnty Approved	2015
	Boiler replacement	\$511,000	State and Cnty Approved	2017
	Resurface asphalt all areas	\$192,000	Cnty Approved	2017
	Window wall-rear bldg., window-front main entrance, replacement at MPR	\$128,000	Cnty Approved	2017
	Central HVAC conversion	\$2,172,000	State and Cnty Approved	2018
	Window wall & doors replacement-main entrance, courtyard, main hallway, classroom windows replacement-Phase II	\$2,236,000	State and Cnty Approved	2018
	Remove Underground storage tanks/install above ground storage tanks	\$420,000	Cnty Approved	2018
	Bathroom partition replacement	\$50,000	Request	2019
	Steam trap replacement	\$1,000,000	Request	2019
GLENARDEN WOODS ELEMENTARY		\$0		
GLENN DALE ELEMENTARY	Piping	\$600,000	State and Cnty Approved	2014
	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Upgrade grease trap code violation correction	\$36,735	Cnty Approved	2016
	Systemic condensate piping replacement	\$1,600,000	Cnty Request	2018
GLENRIDGE ELEMENTARY	Stair lift	\$19,277	Cnty Approved	2016
	Floor tile in Media Center	\$12,000	General Operating	2016
	Steam leak replacement/reinsulating of pipes	\$1,533,000	State and Cnty Approved	2017
	Remediate ground water infiltration system	\$639,000	General Operating	2017
	AHU replacement and split A/C	\$1,470,000	State and Cnty Approved	2017
	Lift installation-ADA Conveyance system	\$639,000	State and Cnty Approved	2017
	Repave all asphalt surfaces	\$319,000	Request	2019
	Playground equipment replacement	\$75,000	Request	2019
	HVAC upgrades - Scope TBD	\$765,000	Request	2019
GREENBELT ELEMENTARY	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Chiller replacement & HVAC/controls replacement	\$1,214,000	State and Cnty Approved	2017
	Pneumatic controls replacement to DDC	\$170,000	Cnty Approved	2018
	Generator replacement	\$60,000	Request	2019
	Roof replacement	\$1,600,000	Request	2019
H. WINSHIP WHEATLEY ECC	Asbestos ceiling tile replacement	\$30,000	Cnty Approved	2015
	Steam kettle and electric breaker panel replacement project	\$33,000	Cnty Approved	2015
	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Tech fab panel replacement	\$2,556,000	State and Cnty Approved	2017
	Windows and tech-fab replacement-pool area	\$2,556,000	State and Cnty Approved	2017
	Asbestos flooring tile replacement	\$60,000	General Operating	2017
	Fire alarm replacement	\$135,000	Request	2019
	Bathroom partition replacement	\$50,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	HVAC upgrades	\$4,700,000	Request	2019
	Boiler replacement - 2	\$400,000	Request	2019
HEATHER HILLS ELEMENTARY	Boiler replacement	\$600,000	State and Cnty Approved	2014
	Buried fuel tank replacement	\$140,000	Cnty Approved	2015
	Asbestos abatement chair room	\$8,480	General Operating	2018
HIGH BRIDGE ELEMENTARY	Reinsulate pipes throughout building, replace 24 fan coil units, replace 2 RTUs	\$544,292	ASP	2013
	Parking lot and driveway repavement	\$300,000	Cnty Approved	2015
	Steam kettle and electric breaker panel replacement project	\$33,000	Cnty Approved	2015
	Bathroom partitions	\$50,000	General Operating	2016
	Piping insulation & ceiling system and flooring replacement	\$1,150,000	State and Cnty Approved	2017
	Asbestos flooring tile replacement	\$60,000	General Operating	2017
	Asbestos abatement classroom 22	\$10,000	General Operating	2018
	Partition replacement	\$50,000	General Operating	2018
	Replace 2 air cooled chillers	\$1,000,000	Request	2019
	Flooring replacement	\$200,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019
	Cabinetry replacement - Classrooms	\$140,000	Request	2019
HIGHLAND PARK ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Upgrade grease trap trap code violation correction project	\$36,735	Cnty Approved	2016
	Total piping, insulation & boiler replacement	\$1,724,000	State and Cnty Approved	2017
HILLCREST HEIGHTS ELEMENTARY	Upgrade grease trap trap code violation correction project	\$36,735	Cnty Approved	2016
	Pipe insulation	\$319,000	State and Cnty Approved	2017
	Replace air cooled chiller	\$500,000	Request	2019
HOLLYWOOD ELEMENTARY	Playground equipment-Pre K	\$30,000	Cnty Approved	2015
	Open space pod conversion	\$2,777,000	State and Cnty Approved	2015
	Upgrade grease trap trap code violation correction project	\$36,735	Cnty Approved	2016
	Boiler replacement	\$766,000	State and Cnty Approved	2017
	Floor tile replacement - Conf. Room	\$660	General Operating	2017
	Ground water infiltration (switch room)	\$150,000	Cnty Approved	2017
	Window replacement	\$1,278,000	State and Cnty Approved	2017
	Repave all asphalt surfaces	\$384,000	Request	2019
HYATTSVILLE ELEMENTARY	Fan coil units replacement	\$3,472,000	State and Cnty Approved	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Elevator/conveyance systems	\$318,000	ACI-State & Cnty Approved	2018
	Fire alarm replacement	\$160,000	Cnty Approved	2018
IMMAGINATION FOUNDATION @ Morningside	Boiler replacement - 2	\$550,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
INDIAN QUEEN ELEMENTARY	Stage flooring replacement - MPR	\$12,776	General Operating	2017
	Fire alarm replacement	\$125,000	Request	2019
	Switch gear replacement	\$150,000	Request	2019
	Water main replacement	\$300,000	Request	2019
J. FRANK DENT ELEMENTARY	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Steam kettle and electric breaker panel replacement	\$33,000	Cnty Approved	2015
	Asbestos ceiling tile replacement	\$100,000	Cnty Approved	2018
	Replace playground equipment	\$90,000	Request	2019
JAMES DUCKWORTH REGIONAL	Parking lot and driveway	\$300,000	Cnty Approved	2015
	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
	Generator replacement	\$45,000	General Operating	2015
	Replace 6 AHU	\$192,000	Cnty Approved	2017
	HVAC upgrades - replace 32 dual temp univents, pneumatic controls, reinsulate dual temp piping in entire building	\$2,000,000	Request	2019
	Air and dehumidifier system installation in therapy tank room; include DDC	\$500,000	Request	2019
JAMES H. HARRISON ELEMENTARY	Asbestos ceiling tile replacement	\$170,000	Cnty Approved	2015
	Playground equipment	\$30,000	Cnty Approved	2015
	Replace 12 univents and condensing units	\$375,000	ASP-State & Cnty Approved	2015
	Tech fab panel replacement	\$1,788,000	State and Cnty Approved	2017
	Ground water infiltration	\$500,000	Request	2019
JAMES MCHENRY ELEMENTARY	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Foundation structural wall repair-kindergarten wing	\$150,000	Request	2019
	Storm water management	\$450,000	Request	2019
JAMES RYDER RANDALL ELEMENTARY	Piping replacement	\$600,000	State & Cnty Approved	2014
	Driveway, parking lots & entrance project	\$300,000	Cnty Approved	2015
	7- 3 ton packaged gas RTU's	\$90,000	General Operating	2016
	Boiler replacement - 2	\$500,000	Request	2019
JOHN BAYNE ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Steam Trap	1000000	Request	2019
JOHN HANSON FRENCH IMMERSION	Grease Trap-Code	\$45,000	Cnty Approved	2015
JUDITH P. HOYER EEC- Adelphi @ Cool Springs	Chiller replacement (EEI)	\$500,000	State and Cnty Approved	2014
	Roof replacement	\$1,105,000	State and Cnty Approved	2016
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Fire alarm replacement	\$160,000	Cnty Approved	2018
	Remove carpet in all classrooms/tile installation	\$255,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
JUDITH P. HOYER - MONT. Cheverly @ Oakcrest	Replace fire alarm	\$160,000	Request	2019
	Repave all asphalt surfaces	\$200,000	Request	2019
JUDITH P. HOYER ECC - Cheverly Ofc. Bldg.	Water infiltration in boiler room	\$160,000	General Operating	2017
JUDGE SYLVANIA WOODS ELEMENTARY	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Chiller replacement	\$639,000	State and Cnty Approved	2018
	Condensate drain piping storm drain separation	\$350,000	Request	2019
	Convert pneumatic controls to DDC, reinsulate piping in entire building	\$1,700,000	Request	2019
KENILWORTH ELEMENTARY	Condensate piping replacement	\$800,000	State & Cnty Approved	2014
	Replace front & back storefront	\$126,250	State & Cnty Approved	2014
	Replace all steam traps throughout	\$255,000	State & Cnty Approved	2017
	Asbestos floor tile removal and abatement	\$55,000	General Operating	2018
	Window wall/external windows/external doors	\$800,000	General Operating	2019
KENMOOR ELEMENTARY	Locker replacement	\$352,000	Cnty Approved	2017
	Bathroom partition replacement	\$50,000	Request	2019
KETTERING ELEMENTARY	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Gym floor/bleacher replacement	\$170,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Locker replacement	\$192,000	Cnty Approved	2017
	Steam trap replacement	\$255,000	State and Cnty Approved	2017
KINGSFORD ELEMENTARY	Parking lot and driveway	\$300,000	Cnty Approved	2015
	Playground equipment	\$30,000	Cnty Approved	2015
	Chiller replacement	\$639,000	State and Cnty Approved	2018
	Convert pneumatic controls to DDC, replace split system for main office, reinsulate piping in entire building	\$2,000,000	Request	2019
LAMONT ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Univent replacement	\$255,000	State and Cnty Approved	2017
	Asbestos abatement in classrooms	\$67,400	General Operating	2018
	Repave all asphalt surfaces	\$90,000	Request	2019
	HVAC upgrades to include steam to hot water - dual temp pipe system, chiller	\$5,500,000	Request	2019
	Water main replacement	\$250,000	Request	2019
LANGLEY PARK- MCCORMICK ELEMENTARY	Exterior window wall & windows, exterior window wall	\$894,000	State and Cnty Approved	2017
	6 fan coil units replacement/2 AHU replacements	\$639,000	State and Cnty Approved	2017
	Elevator/conveyance systems	\$322,000	ACI-State & Cnty Approved	2018
	Fire alarm replacement	\$160,000	Cnty Approved	2019
	Wall replacement	\$600,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
LAUREL ELEMENTARY	HVAC upgrades to include pumps/valves and controls replacement, piping and insulation replacement	\$4,000,000	Request	2019
	Replace and insulate piping	\$35,000	General Operating	2016
	Generator replacement	\$45,000	General Operating	2018
LEWISDALE ELEMENTARY	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
	Roof top units replacement	\$289,000	State & Cnty Approved	2016
	Fan coil units replacement	\$1,022,000	State and Cnty Approved	2017
	Generator replacement	\$45,000	General Operating	2018
	Cabinetry replacement - Classrooms	\$150,000	Request	2019
LONGFIELDS ELEMENTARY	Replace cooling tower	\$150,000	General Operating	2016
	Window wall/exterior windows/exterior doors	\$2,556,000	State and Cnty Approved	2017
	Piping replacement/insulation	\$50,000	General Operating	2016
	Interior painting	\$59,500	General Operating	2018
MAGNOLIA ELEMENTARY	Replace exhaust fans	\$35,000	General Operating	2016
	Interior painting	\$13,500	General Operating	2019
	Repave all asphalt surfaces	\$150,000	Request	2019
	Fire alarm replacement	\$160,000	Request	2019
MARGARET BRENT REGIONAL	Chiller replacement	\$500,000	State & Cnty Approved	2014
	CFC Control and A/C modernization	\$225,000	Cnty Approved	2015
	Interior painting	\$52,000	General Operating	2018
	Storm water management controls system	\$1,200,000	Request	2019
	Install fencing around playground	\$192,000	Request	2019
	Air and dehumidifier system installation in therapy tank room; include DDC	\$500,000	Request	2019
MARLTON ELEMENTARY	Grease Trap-Code	\$36,735	Cnty Approved	2014
	Buried fuel tank replacement	\$140,000	Cnty Approved	2015
	Bathroom partitions	\$50,000	General Operating	2016
	Piping insulation/controls upgrade	\$875,000	State and Cnty Approved	2017
	HVAC upgrades to include AHUS, VAV boxes, return air system redesign, gym A/C	\$8,000,000	Request	2019
		\$0		
MARY HARRIS "MOTHER" JONES ELEMENTARY				
MATTAPONI ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	1-Multizone RTU replacement	\$150,000	Cnty Approved	2018
	Fire alarm replacement	\$160,000	Request	2019
	Steam trap replacement	\$1,000,000	Request	2019
	Bathroom, health room, and administration upgrades	\$250,000	Request	2019
MELWOOD ELEMENTARY	Central air conditioning system	\$1,609,750	ACI-State & Cnty Approved	2014
	Parking lot and driveway	\$300,000	Cnty Approved	2015

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Rooftop fans and electrical connection replacements	\$53,000	General Operating	2016
	Store front/window wall	\$575,000	State and Cnty Approved	2017
	Vegetated pond installation	\$128,000	Cnty Request	2018
	Fire alarm replacement	\$160,000	Request	2019
	Replace playground equipment	\$90,000	Request	2019
MONTPELIER ELEMENTARY	Chiller replacement	\$450,000	State & Cnty Approved	2014
	Playground	\$30,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Buried fuel tank replacement	\$135,000	Cnty Approved	2015
MOUNT RAINIER ELEMENTARY	Piping replacement	\$800,000	State & Cnty Approved	2014
	Replace exterior windows	\$108,000	State & Cnty Approved	2014
	Playground equipment	\$30,000	Cnty Approved	2015
	Cooling tower replacement	\$384,000	State & Cnty Approved	2018
	Replace two water source heat pumps MP	\$50,000	Cnty Approved	2018
	Elevator/conveyance systems	\$248,550	Request	2019
	Carpet replacement with tile - Classrooms	\$50,000	Request	2019
	Heat pump replacement - 2 MPR, 12 ceiling hung	\$150,000	Request	2019
NEW CARROLLTON ES	Playground equipment replacement	\$35,000	Cnty Approved	2018
NORTH FORESTVILLE ELEMENTARY	Condensate piping replacement	\$800,000	State & Cnty Approved	2014
	Playground equipment	\$30,000	Cnty Approved	2015
	Floor tile in hallways	\$34,000	General Operating	2016
	Boiler replacement	\$639,000	State and Cnty Approved	2017
	Cabinetry replacement	\$140,000	Request	2019
	Exterior wall (switch gear room)	\$128,000	Request	2019
NORTHVIEW ELEMENTARY	Controls upgrades for univents & piping installation, boiler	\$256,000	Cnty Approved	2017
	Roof replacement	\$850,000	Request	2019
OAKLAND ELEMENTARY	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Roof replacement	\$1,099,000	State and Cnty Approved	2018
	Interior painting	\$55,000	General Operating	2018
	Fire hydrant installation	\$350,000	Request	2019
OVERLOOK ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Repave all asphalt surfaces	\$90,000	Request	2019
OXON HILL ELEMENTARY	Buried fuel tank replacement	\$55,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Floor tile in Media Center	\$12,000	General Operating	2016
	Fire alarm replacements	\$80,000	ASP	2017
	AHUs Replacement	\$639,000	State and Cnty Approved	2017
PAINT BRANCH ELEMENTARY	Fire alarm replacement	\$125,000	ASP	2016
	Univent replacement	\$639,000	State & Cnty Approved	2016
	HVAC equipment upgrades - Gym	\$384,000	State and Cnty Approved	2018
	Carpet removal/tile installation	\$128,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Interior doors	\$128,000	Request	2019
	Bathroom partition replacement	\$50,000	Request	2019
PANORAMA ELEMENTARY	Chiller replacement	\$639,000	Cnty Approved	2017
PATUXENT ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Roof overhang replacement	\$575,000	State and Cnty Approved	2017
	Exterior window and door replacement	\$1,533,000	Request	2019
	HVAC upgrades to include redesign/replacement of piping system, chiller, valves, RTUs, FCUs, univents, split system for MPR, and controls	\$8,000,000	Request	2019
PERRYWOOD ELEMENTARY	Replace 1 air cooled chiller	\$500,000	Request	2019
PHYLLIS WILLIAMS ELEMENTARY	HVAC unitary replacment, 9 AHUs, 4 RTUs, VAV boxes, and controls upgrades	\$6,966,000	Request	2019
	Generator replacement	\$60,000	Request	2019
POINTER RIDGE ELEMENTARY	Boiler replacement	\$600,000	State & Cnty Approved	2014
	Total roof replacement	\$1,515,000	State & Cnty Approved	2015
	2-RTU replacement	\$150,000	Cnty Approved	2018
	Asbestos ceiling tile replacement	\$100,000	Request	2019
	Bathroom partition replacement	\$50,000	Request	2019
PORT TOWN ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
POTOMAC LANDING ELEMENTARY	Fire alarm replacement	\$160,000	Cnty Approved	2017
	Playground equipment replacement - PreK	\$35,000	Cnty Approved	2017
	Switch gear replacement	\$150,000	Cnty Approved	2018
	Remove underground storage tanks/install above ground storage tanks	\$150,000	Request	2019
	Playground equipment replacement - K-2, 3-6	\$75,000	Request	2019
PRINCETON ELEMENTARY	Piping replacement	\$500,000	State & Cnty Approved	2014
	Playground equipment	\$30,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Basketball court and asphalt play surfaces	\$160,000	Cnty Approved	2017
	Steam trap/univent replacement	\$1,278,000	State and Cnty Approved	2017
	Resurface of playground/basketball court	\$160,000	Cnty Approved	2017
	Fire alarm replacement	\$160,000	Cnty Approved	2017
	Windows, storefront, doors replacement	\$1,000,000	Request	2019
RIDGECREST ELEMENTARY	Replace vinyl tile floor in kitchen	\$100,000	General Operating	2015
	Electrical/mechanical upgrades - replace switch gear	\$100,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Replace split AC-heat in MPR w/steam coil	\$80,000	General Operating	2017
	Boiler replacement	\$639,000	State and Cnty Approved	2017
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Fire alarm replacement	\$160,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
RIVERDALE ELEMENTARY	Replace RTU, univent and AHU, convert pneumatic controls to DDC	\$1,000,000	Request	2019
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	RTU/AHU replacement	\$255,000	State and Cnty Approved	2018
	Remove underground storage tanks/install above ground storage tanks	\$400,000	Cnty Approved	2018
ROBERT FROST ELEMENTARY	Exterior windows w/Transom panels, storefronts w/doors, single hung doors w/Transoms and double doors w/Transoms replacement	\$1,022,000	State and Cnty Approved	2018
	Playground equipment	\$30,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Restroom upgrades/renovation (ADA)	\$500,000	Cnty Approved	2017
ROBERT GODDARD MOT ENSORRI	Interior painting	\$49,500	General Operating	2018
	Replace 2 serving lines	\$40,000	ASP	2014
	Replace domestic water line	\$153,000	State & Cnty Approved	2014
	ADA improvements-grab bars and door opener	\$5,000	Cnty Approved	2015
	Bus lot fencing	\$75,000	General Operating	2016
	HVAC equipment upgrade	\$16,047,000	State & Cnty Approved	2018
	Repave all asphalt surfaces	\$100,000	Request	2019
ROBERT GRAY ELEMENTARY	Fire alarm replacement	\$319,000	Request	2019
	Upgrade control systems	\$150,000	Cnty Approved	2017
	Replace 1 air cooled chiller	\$500,000	Request	2019
	Bathroom, health room, and administration upgrades	\$125,000	Request	2019
ROCKLEDGE ELEMENTARY	Boiler replacement	\$600,000	State & Cnty Approved	2014
	Fire alarm, fire hydrants - code corrections	\$60,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Roof replacement	\$1,431,000	State & Cnty Approved	2018
ROGERS HEIGHTS ELEMENTARY	Univents replacement	\$800,000	State & Cnty Approved	2014
	Piping installation	\$255,000	State and Cnty Approved	2017
	Elevator/conveyance systems	\$320,000	State & Cnty Approved	2018
	Exterior window and door replacement	\$1,660,000	Request	2019
ROSA PARKS ELEMENTARY	Replace 6-water source annex air RTUs, software and controls upgrade	\$1,600,000	Request	2019
ROSARYVILLE ELEMENTARY	Update system controls	\$150,000	General Operating	2016
	Replace 1 air cooled chiller	\$500,000	Request	2019
	Generator replacement	\$60,000	Request	2019
ROSE VALLEY ELEMENTARY	Exterior door replacement	\$200,000	ASP	2015
	Asbestos flooring tile replacement	\$60,000	General Operating	2017
	Resurface all asphalt areas	\$100,000	Request	2019
	Asbestos containing floor tile abatement/install tile/spray on insulation	\$200,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Steam trap replacement	\$1,000,000	Request	2019
SAMUEL CHASE ELEMENTARY	Grease Trap-Code	\$45,000	Cnty Approved	2014
	Playground upgrades	\$45,000	Cnty Approved	2018
	Windows, storefront, doors replacement	\$650,000	Request	2019
SAMUEL P MASSIE ELEMENTARY	Grease Trap-Code	\$45,000	Cnty Approved	2015
SCOTCHTOWN HILLS ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Elevator/conveyance system modernization	\$245,000	Request	2019
	Replace air cooled chiller	\$500,000	Request	2019
SEABROOK ELEMENTARY	Add new walk-in freezer	\$80,000	ASP	2014
	Piping replacement	\$500,000	S/A	2014
	Playground equipment	\$60,000	Cnty Approved	2015
	Electrical/mechanical upgrades - sprinkler system replacement	\$193,000	Cnty Approved	2015
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Kitchen Reno-exhaust fans, hood & fan, convention oven, sink	\$425,000	Cnty Approved	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Put unit ventilators on JCI System	\$25,000	General Operating	2016
	Floor tile installation and abatement	\$200,000	Cnty Request	2017
	Asbestos abatement classrooms 11 & 12	\$25,500	General Operating	2018
	Univent and fan coil replacement, pneumatic controls to DDC	\$1,000,000	Request	2019
SEAT PLEASANT ELEMENTARY	Condensate piping replacement	\$500,000	State & Cnty Approved	2014
	Playground equipment	\$30,000	Cnty Approved	2015
SKYLINE ELEMENTARY	Fire alarm, fire hydrants - code corrections	\$100,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Generator installation	\$95,000	General Operating	2018
	Asbestos ceiling tile replacement	\$150,000	Cnty Approved	2018
	Bathroom partition replacement	\$50,000	Request	2019
	Water main replacement	\$300,000	Request	2019
SPRINGHILL LAKE ELEMENTARY	Piping	\$800,000	State & Cnty Approved	2014
	Replace flooring; classrooms & MPR	\$56,000		2015
	7- 3 ton packaged gas, A/C, RTU's	\$130,000	General Operating	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Roof replacement	\$1,533,000	State and Cnty Approved	2018
	Windows, storefront, doors replacement	\$750,000	Request	2019
	Convert steam to hot water, install air cooled chiller, replace univents with hot/cold water univents, convert pneumatic controls to DDC, convert steam boilers to hot water	\$1,300,000	Request	2019
SUITLAND ELEMENTARY	Update system controls	\$150,000	General Operating	2015
	Steam leak	\$100,000	Cnty Approved	2015
	Playground equipment	\$30,000	Cnty Approved	2015

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded	
TANGLEWOOD SPECIAL CENTER	Chiller for A/C to building	\$200,000	Cnty Approved	2014	
	Replace ceiling hung fan coil units	\$200,000	ASP	2014	
	Fire alarm, fire hydrants - code corrections	\$100,000	Cnty Approved	2015	
	Grease Trap-Code	\$36,735	Cnty Approved	2016	
	Asbestos flooring tile replacement - office/hallway	\$60,000	General Operating	2017	
	Total HVAC upgrade, ceiling tile system, piping, univents replacement	\$4,662,000	State and Cnty Approved	2017	
	Replace air cooled chiller	\$153,000	General Operating	2018	
TAYAC ELEMENTARY	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015	
	Playground equipment	\$30,000	Cnty Approved	2015	
	7- 3 ton packaged gas, A/C, RTU's	\$130,000	General Operating	2015	
	Exterior doors and window replacements	\$1,233,000	State & Cnty Approved	2016	
	Fire alarm replacement	\$160,000	Cnty Approved	2017	
	Remove underground storage tanks/install above ground storage tanks	\$100,000	Cnty Approved	2018	
	Asbestos ceiling tile replacement	\$50,000	Cnty Approved	2018	
	HVAC upgrades	\$5,354,000	State and Cnty Approved	2018	
	TEMPLETON ELEMENTARY	Asbestos abatement, replace and insulate piping in the ceiling	\$250,000	ASP	2014
		Heating/cooling piping insulation replacement	\$1,000,000	State & Cnty Approved	2014
Playground equipment		\$30,000	Cnty Approved	2015	
Grease Trap-Code		\$36,735	Cnty Approved	2016	
Controls systems upgrades		\$255,000	Request	2019	
Systemic condensate piping replacement		\$405,000	Request	2019	
Repave all asphalt surfaces		\$100,000	Request	2019	
Elevator/conveyance systems		\$250,000	Request	2019	
THOMAS CLAGETT ELEMENTARY	Generator replacement	\$45,000	ASP	2016	
	Grease Trap-Code	\$36,735	Cnty Approved	2016	
	Replace water cooled chiller and cooling tower	\$1,200,000	Request	2019	
	Lift/conveyance system replacement	\$60,000	Request	2019	
	Generator replacement	\$65,000	Request	2019	
THOMAS STONE ELEMENTARY	Piping replacement	\$800,000	State & Cnty Approved	2014	
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015	
	Fire alarm replacement	\$125,000	ASP	2016	
	Grease Trap-Code	\$36,735	Cnty Approved	2016	
	Generator replacement	\$65,000	Request	2019	
TAYAC ELEMENTARY	Exterior doors and window replacements	\$1,788,000	S/PF	2016	
	Asbestos ceiling tile replacement	\$50,000	Cnty Approved	2018	
	HVAC upgrades - Phase I	\$2,586,000	State & Cnty Approved	2018	
	HVAC upgrades - Phase II	\$3,178,000	Request	2019	
	Floor tile replacement	\$30,000	Request	2019	
UNIVERSITY PARK ELEMENTARY	Generator replacement	\$44,403	State & Cnty Approved	2015	
	Grease Trap-Code	\$36,735	Cnty Approved	2016	

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Fire alarm replacement	\$125,000	ASP	2016
VALLEY VIEW ELEMENTARY	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Replace fire alarm system	\$160,000	Cnty Approved	2017
	Playground equipment	\$35,000	Cnty Approved	2017
VANSVILLE ELEMENTARY	Roof coating	\$44,403	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Software and controls upgrade	\$120,000	Request	2019
WALDON WOODS ELEMENTARY	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Asbestos ceiling tile replacement	\$70,000	Cnty Approved	2018
	Switch gear replacement	\$150,000	Request	2019
WHITEHALL ELEMENTARY	Parking lot repaving	\$98,000	General Operating	2015
WILLIAM BEANES ELEMENTARY	HVAC controls upgrade	\$100,000	Cnty Approved	2016
	5- 3 ton packaged gas A/C RTU's/controls	\$130,000	General Operating	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Generator installation	\$95,000	Request	2019
WILLIAM PACA ELEMENTARY	Playground equipment	\$30,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Lift/conveyance system replacement	\$30,000	Request	2019
WOODMORE ELEMENTARY	Generator replacement various schools	\$75,000	Request	2016
	Playground equipment replacement	\$35,000	Cnty Approved	2018
	Storm water management	\$500,000	Request	2019
WOODRIDGE ELEMENTARY	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Resurface parking lot	\$175,000	Cnty Approved	2017
	Boiler replacement (steam)	\$639,000	State and Cnty Approved	2017
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Replace 2 RTU	\$60,000	General Operating	2018
	Emergency generator replacement	\$60,000	Cnty Approved	2018
	Limited HVAC upgrade	\$1,713,000	Request	2019
	Replace playground equipment	\$90,000	Request	2019
YORKTOWN ELEMENTARY	Asbestos ceiling tile replacement	\$85,000	Cnty Approved	2015
	Exterior storefront and all exterior doors	\$639,000	State and Cnty Approved	2017
	Playground equipment replacement	\$35,000	Cnty Approved	2018
ANDREW JACKSON MIDDLE	Grease Trap-Code	\$45,000	Cnty Approved	2014
	HVAC equipment upgrades	\$17,641,000	State and Cnty Approved	2018
	Parking lot resurfacing	\$384,000	Request	2019
	Exterior windows replacement	\$639,000	Request	2019
	Locker replacement	\$275,000	Request	2019
BENJAMIN STODDARD MIDDLE	Correct water infiltration	\$200,000	State and Cnty Approved	2016

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
BENJAMIN TASKER MIDDLE	Convert ice plant to air cooled chiller plant and remove ice plant. Convert 2-steam boilers to hot water boilers, convert pneumatic controls to DDC and replace underground piping.	\$1,850,000	Request	2019
	Total roof replacement/canopy	\$2,358,000	State and Cnty Approved	2015
	Code correction fire hydrant project	\$60,000	Cnty Approved	2015
	Pipe replacement-insulation	\$1,150,000	State and Cnty Approved	2017
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$350,000	Request	2019
	Parking lot resurfacing	\$384,000	Request	2019
	Fire alarm replacement	\$224,000	Request	2019
BUCK LODGE MIDDLE	Bathroom, health room, and administration upgrades	\$500,000	Request	2019
	Chiller replacement	\$800,000	State and Cnty Approved	2014
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Acoustical ceiling system replacement	\$1,234,000	State and Cnty Approved	2016
	Univents, exhaust fan and air handlers replacement	\$2,186,000	State and Cnty Approved	2016
	Pipe replacement-insulation	\$1,150,000	State and Cnty Approved	2017
	Generator replacement	\$45,830	General Operating	2018
CHARLES CARROLL MIDDLE	Stage flooring, curtains, lighting replacement - MPR	\$70,000	Request	2019
	Acoustical ceiling system replacement	\$639,000	State and Cnty Approved	2016
	3 Octagon RTU's gas & AC	\$475,000	Cnty Approved	2017
DREW FREEMAN MIDDLE	Elevator/conveyance system	\$250,000.00	Request	2019
	Chiller replacement	\$900,000	State and Cnty Approved	2014
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Univent and exhaust fans replacement	\$2,784,000	State and Cnty Approved	2016
	Lighting and wiring replacement	\$5,977,000	State and Cnty Approved	2016
	Multi-purpose room HVAC installation	\$100,000	Cnty Approved	2018
	AHU replacement for MPR	\$100,000	Cnty Approved	2018
	Interior painting	\$89,500	General Operating	2018
	Elevator/conveyance systems/lift replacement	\$300,000	Request	2019
	Bathroom partition installation	\$75,000	Request	2019
DWIGHT D. EISENHOWER MIDDLE	Grease Trap-Code	\$45,000	Cnty Approved	2015
	HVAC controls and steam traps upgrade	\$510,000	State and Cnty Approved	2017
	Storefront replacement	\$384,000	State and Cnty Approved	2017
	Chiller and cooling tower replacement	\$958,000	State and Cnty Approved	2018
	Asbesto abaitment CR100, 209, and stairwe	\$65,000	General Operating	2018
	Locker painting	\$45,000	General Operating	2018
	Ceiling system replacment	\$900,000	Request	2019
	Stage flooring, curtains, lighting replacement - MPR	\$70,000	Request	2019
	Bleacher replacement	\$128,000	Request	2019
	Bathroom partition replacement	\$50,000	Request	2019
	Corridor lockers/multi-purpose room	\$275,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded	
ERNEST E. JUST MIDDLE	Replace back wing chiller, cooling tower, 3-AHUs, pneumatic controls upgrade, univent repl., piping repairs and valves/pumps repl. in mechanical room	\$4,500,000	Request	2019	
	Replace 1 water cooled chiller and cooling tower, 2 - air cooled chillers	\$2,000,000	Request	2019	
	Condensate piping replacement	\$200,000	Cnty Approved	2013	
	Playground equipment	\$30,000	Cnty Approved	2015	
	Flooring - Gym	\$150,000	General Operating	2016	
	Generator replacement	\$45,000	ASP	2016	
	Window replacement, univent replacement & AC upgrades	\$5,926,000	State and Cnty Approved	2017	
GREEN VALLEY	Gymnasium Reno; including bleachers, painting, lighting replacement	\$235,000	Cnty Approved	2018	
	Remove underground storage tanks/install above ground storage tanks	\$100,000	Request	2019	
GWYNN PARK MIDDLE	Chilled water replacement	\$16,670	State & Cnty Approved	2014	
	Interior/environmental floor construction	\$800,000	Cnty Approved	2015	
	Floor tile replacement and abatement	\$200,000	Cnty Request	2017	
	Bathroom partition installation	\$100,000	Cnty Request	2017	
	Interior painting	\$71,000	General Operating	2018	
	Repave all asphalt surfaces	\$150,000	Request	2019	
	Carpet replacement with tile - Media center	\$30,000	Request	2019	
	Locker room & corridor lockers replacement	\$275,000	Request	2019	
	Bathroom, health room, and administration upgrades	\$350,000	Request	2019	
	Replace indoor bleacher systems and gym floor	\$200,000	ASP	2014	
HYATTSVILLE MIDDLE	Cooling tower replacement	\$124,494	ASP-State Approved	2014	
	Lifts for stage, gym, girls locker room	\$150,000	Cnty Approved	2015	
	Grease Trap-Code	\$45,000	Cnty Approved	2015	
	Elevator replacement	\$275,000	State & Cnty Approved	2015	
	Gymnasium LED lighting	\$128,000	Request	2019	
	Stage lighting	\$128,000	Request	2019	
	Asbestos ceiling tile replacement	\$250,000	Request	2019	
	Fire alarm replacement	\$160,000	Request	2019	
	Roof replacement - Gym	\$600,000	Request	2019	
	Corridor lockers replacement	\$175,000	Request	2019	
	Bathroom, health room, and administration upgrades	\$500,000	Request	2019	
	ISAAC J. GOURDINE MIDDLE	Exterior door replacement	\$300,000	ASP	2015
		Chiller, pumps, and cooling tower replacement	\$1,916,000	State & Cnty Approved	2016
Asbestos ceiling tile replacement		\$250,000	Cnty Approved	2018	
Repave all asphalt surfaces		\$250,000	Request	2019	
Fire alarm replacement		\$319,000	Request	2019	
Locker room/corridor lockers		\$275,000	Request	2019	
JAMES MADISON MIDDLE	Fire alarm, fire hydrants - code corrections	\$60,000	Cnty Approved	2014	

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$255,000	State & Cnty Approved	2018
	Gym Reno - Int. bleachers, flooring, lighting, painting Phase II	\$120,000	Request	2019
	Carpet replacement with tile - Media center	\$30,000	Request	2019
	Locker painting	\$30,000	Request	2019
	Cooridor/locker room locker replacement	\$275,000	Request	2019
	Bathroom, health room, and administration upgrades	\$500,000	Request	2019
KENMOOR MIDDLE	Fire alarm replacement	\$250,000	ASP	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Corridor lockers	\$200,000	Cnty Approved	2017
	Bathroom partitions	\$50,000	General Operating	2017
	Asbestos ceiling tile replacement	\$250,000	Cnty Approved	2018
	Resurface front parking area and driveway	\$200,000	Request	2019
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$447,000	Request	2019
	Elevator/conveyance systems	\$245,000	Request	2019
KETTERING MIDDLE	Sprinkler system replacement	\$808,000	State & Cnty Approved	2015
	Acoustical ceiling system replacement	\$1,296,000	State & Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Univent replacement	\$312,000	S/PP	2016
	Tennis courts	\$120,000	ASP	2017
	Generator replacement	\$45,830	General Operating	2018
	Replace 7 package RTUs in classrooms	\$800,000	Request	2019
	Fire alarm replacement	\$319,000	Request	2019
	Dance floor replacment	\$50,000	Request	2019
MARTIN LUTHER KING MIDDLE	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Generator installation	\$70,000	Cnty Approved	2017
	Cooling tower replacement	\$400,000	Cnty Approved	2018
	Asbestos ceiling tile replacement	\$250,000	Request	2019
NICHOLAS OREM MIDDLE	Piping replacement	\$1,000,000	State & Cnty Approved	2014
	Replace lockers and benches in locker room	\$427,000	ASP-State Approved	2014
	Total roof replacement	\$1,887,000	State & Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Exterior storefronts, doors, windows, curtain wall system, tech fab panels and window replacement at gym and courtyard	\$1,022,000	State & Cnty Approved	2018
	Package univent replacement	\$1,533,000	State & Cnty Approved	2018
	Exterior multi-purpose structural repair	\$128,000	Request	2019
	Remove underground storage tanks/install above ground storage tanks	\$350,000	Request	2019
	Bathroom, health room, and administration upgrades	\$500,000	Request	2019
OXON HILL MIDDLE	Floor/bleacher replacement	\$170,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Fire alarm replacements	\$250,000	ASP	2016
	Univent replacement	\$6,184,000	State & Cnty Approved	2016
	Flooring replacement - MPR	\$30,000	Request	2019
	Generator replacement	\$60,000	Request	2019
ROBERT GODDARD MIDDLE	HVAC Upgrades	\$300,000	Cnty Approved	2018
	HVAC Upgrades	\$15,747,000	Request	2019
	Lift/conveyance system replacement	\$100,000	Request	2019
SAMUEL OGLE MIDDLE	Asbestos ceiling tile replacement	\$325,000	Cnty Approved	2015
STEPHEN DECATOR MIDDLE	7- 3 ton packaged gas, A/C, RTU's	\$130,000	General Operating	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2015
	Fire alarm replacement	\$250,000	ASP	2016
	Roof top units replacement	\$289,000	State & Cnty Approved	2016
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$350,000	Request	2019
	Generator replacement	\$75,000	Request	2019
THOMAS JOHNSON MIDDLE	Sprinkler system replacement	\$856,000	State & Cnty Approved	2015
	Gym floor and bleacher replacement	\$250,000	ASP	2015
	Asbestos remediation; replace floor tile	\$50,000	ASP, State & Cnty Approved	2016
	Univents replacement	\$6,208,000	State & Cnty Approved	2016
	Fire alarm replacements	\$250,000	ASP	2017
THOMAS PULLEN ACADEMY	Piping replacement	\$1,000,000	State & Cnty Approved	2014
	Window replacement	\$2,044,000	State & Cnty Approved	2016
	Asbestos flooring tile replacement - 2 science & prep	\$60,000	General Operating	2017
	Systemic condensate piping replacement	\$714,000	Cnty Request	2018
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$350,000	Request	2019
	Window, storefront, doors, tech-fab	\$3,000,000	Request	2019
	Interior doors replacement	\$250,000	Request	2019
	Ceiling system replacment	\$900,000	Request	2019
THURGOOD MARSHALL MIDDLE	Piping replacement	\$1,000,000	State & Cnty Approved	2014
	Air conditioning in the gymnasium	\$622,780	State & Cnty Approved	2014
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Window replacement	\$1,011,000	State & Cnty Approved	2016
	Exterior multi-purpose structural repair	\$128,000	Lottery Terminal Taxes	2017
	Install cameras	\$34,000	Lottery Terminal Taxes	2017
	Systemic condensate piping replacement	\$420,000	Cnty Approved	2018
	Window replacement	\$1,042,000	Cnty Approved	2018
WALKER MILL MIDDLE	Pneumatic controls replacement	\$661,000	State & Cnty Approved	2016
	Repave all asphalt surfaces	\$400,000	Request	2019
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$350,000	Request	2019
	Elevator/conveyance systems	\$253,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
WILLIAM HALL ACADEMY	HVAC Upgrades	\$7,000,000	Request	2019
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Upgrade control system	\$250,000	Request	2019
WILLIAM WIRT MIDDLE	Piping replacement	\$1,000,000	State & Cnty Approved	2014
	Replace domestic water line	\$33,000	State & Cnty Approved	2014
	MII-Replace exterior caulking	\$36,000	Cnty Approved	2014
	Thermal insulation-AHU & mechanical room	\$35,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Gym Reno - Int. bleachers, flooring, lighting, painting	\$350,000	Request	2019
	Elevator/conveyance systems	\$250,000	Request	2019
	ANNAPOLIS ROAD ACADEMY HS	Univent replacement	\$700,000	State & Cnty Approved
Piping replacement		\$890,000	State & Cnty Approved	2016
Grease Trap-Code		\$36,735	Cnty Approved	2016
Roof top units replacement		\$255,000	State & Cnty Approved	2016
Elevator conveyance system modification (1-Elev. 3-Lifts)		\$384,000	State and Cnty Approved	2017
Exterior window replacement		\$255,000	State and Cnty Approved	2018
Asbestos replacement dry storage room		\$3,700	General Operating	2018
Flooring replacement - MPR		\$19,882	General Operating	2018
Replace 1 RTU for MPR, 1 RTU for fresh air to building, replace 3 boilers		\$2,000,000	Request	2019
Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server		\$50,000	Cnty Request	2017
BLADENSBURG HIGH	HVAC and controls upgrade - Phase II	\$1,700,000	Cnty Approved	2018
	Rooftop tennis courts	\$500,000	Request	2019
	BOWIE ANNEX	Boiler replacement	\$800,000	State & Cnty Approved
Replace walk-in freezer		\$80,000	ASP	2014
Retaining wall replacement - Civil Engineering		\$300,000	General Operating	2017
BOWIE HIGH	Steam trap replacement	\$3,500,000	Request	2019
	Central air conditioning system	\$5,500,000	S/A	2014
	Sand, refinish, restripe basketball court; provide center court logo	\$20,000	ASP	2014
	Fire alarm replacement	\$275,000	ASP	2016
	Asbestos ceiling tile replacement	\$170,000	Cnty Approved	2015
	Piping replacement	\$5,432,000	State & Cnty Approved	2016
	Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server	\$50,000	Cnty Request	2017
	Concrete landing replacement	\$80,000	General Operating	2017
	Installation of gymnasium A/C	\$350,000	Cnty Approved	2017
	AC fireproofing to support AC/piping projects	\$2,556,000	State and Cnty Approved	2017
	Turf Fields	\$675,000	Cnty Approved	2018
	Asbestos ceiling tile replacement/ROTC flooring	\$28,875	General Operating	2018
	Interior doors replacement	\$150,000	Request	2019
Tennis court renovation	\$180,000	Request	2019	

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
CENTRAL HIGH	Corridor lockers replacement	\$300,000	Request	2019
	Steam trap replacement	\$5,500,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
	Infrastructure improvements	\$500,000	BWP/PF	2014
	Exterior bleacher replacement	\$250,000	BPW/PF	2014
	Roof top units replacement	\$315,000	Request/Grant	2015
	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty A	2015
	Elevator/conveyance systems	\$255,000	State and Cnty Approved	2017
	HVAC modernization	\$20,218,000	State and Cnty Approved	2018
	Gymnasium reno; including bleachers and painting	\$624,000	Cnty Approved	2018
	HVAC upgrades to boilers, pumps, controls - Phase II	\$9,648,000	Request	2019
	Auditorium upgrades; seating, flooring, rigging curtains	\$473,000	Request	2019
	Fire alarm replacement	\$352,000	Request	2019
	Running Track	\$250,000	Request	2019
CHARLES FLOWERS HIGH	Corridor lockers replacement	\$300,000	Request	2019
	Running Track	\$120,000	Cnty Approved	2015
	Steam kettle, electric breaker panel	\$33,000	Cnty Approved	2015
	Turf Fields	\$675,000	Cnty Approved	2018
CROOM VOCATIONAL (RICA)	Replace 1 water cooled chiller and cooling tower, 2-air cooled chillers	\$3,000,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Tennis court renovation	\$180,000	Request	2019
	Chiller replacement	\$900,000	Cnty Approved	2018
	HVAC upgrades to boilers, pumps, controls - Phase II	\$900,000	Request	2019
	Replace switchgear	\$250,000	Request	2019
	Generator replacement	\$75,000	Request	2019
CROSSLAND HIGH	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty Approved	2015
	Running Track	\$500,000	Cnty Approved	2015
	Auditorium additional sound enhancement	\$225,000	Cnty Approved	2015
	Install electric to press box	\$100,000	General Operating	2015
	Locker room lockers	\$150,000	ASP	2016
	Exterior bleacher replacement	\$500,000	ASP	2016
	Lift replacement	\$30,000	Cnty Approved	2016
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Replace all existing steam pipes	\$1,278,000	State and Cnty Approved	2017
	Systemic steam piping replacement	\$260,000	Lottery Terminal Taxes	2017
	Asbestos ceiling tile replacement	\$50,000	Cnty Approved	2018
	Flooring replacement - various classrooms	\$70,000.00	Request	2019
	Elevator/Conveyance System Modernization	\$248,000.00	Request	2019
Tennis court install	\$180,000	Request	2019	

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
DR. HENRY WISE JR HS	Locker replacement	\$350,000	Request	2019
	Running track resurface	\$270,000	Request	2019
DUVAL HIGH	Air conditioning in 19 classrooms	\$974,000	ACI-State & Cnty Approved	2014
	Repair football field irrigation system	\$65,000	Cnty Approved	2015
	Running Track	\$120,000	Cnty Approved	2015
	Exterior bleacher replacement	\$500,000	ASP	2015
	Total replacement of window wall	\$2,556,000	State and Cnty Approved	2017
	Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server	\$50,000	Cnty Request	2017
	Replace HVAC system in science wing (8 rooms)	\$1,278,000	State and Cnty Approved	2017
	ACI Project - Phase II	\$928,240	Cnty Approved	2018
	Replace chiller and 2 building circulating pumps	\$500,000	Request	2019
	Press announcer tower, ext. bleachers, bathrooms	\$850,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Fencing replacement	\$500,000	Request	2019
	Bathroom, health room, and administration upgrades	\$350,000	Request	2019
	ELEANOR ROOSEVELT HIGH	Parking lot and driveway	\$300,000	Cnty Approved
Grease Trap-Code		\$45,000	Cnty Approved	2015
Auditorium partition wall		\$110,000	Cnty Approved	2015
Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server		\$50,000	Cnty Request	2017
Elevator/conveyance systems		\$324,000	State and Cnty Approved	2018
Turf fields		\$675,000	Cnty Approved	2018
Press announcer tower, ext. bleachers		\$850,000	Request	2019
Exterior lighting replacement		\$125,000	Request	2019
Fencing (football field and tennis court)		\$639,000	Request	2019
Chemical hood fans for science rooms - 2		\$300,000	Request	2019
FAIRMONT HEIGHTS HIGH	Tennis court project	\$40,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Steam/condensate piping replacement	\$2,000,000	Cnty Approved	2017
	Replace 1 chiller and pumps	\$1,250,000	Request	2019
	Boiler Replacement - 3	\$850,000	Request	2019
FORESTVILLE ACADEMY	Tennis court project	\$40,000	Cnty Approved	2015
	Final phase roof replacement	\$1,000,000	State & Cnty Approved	2016
	Stage flooring replacement - MPR	\$18,796	General Operating	2017
FREDERICK DOUGLAS HIGH	Roof top units replacement	\$1,381,000	State & Cnty Approved	2014
	Running Track	\$120,000	Cnty Approved	2015
	Exterior bleacher replacement	\$500,000	ASP	2015
	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty Approved	2015
	Corridor locker replacement	\$300,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
FRIENDLY HIGH	Electrical/mechanical upgrades - replace dimmer board in auditorium	\$200,000	Cnty Approved	2015
	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and server	\$45,000	Cnty Approved	2015
	Tennis court project	\$75,000	Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Resurface track regulation six lanes	\$160,000	Cnty Approved	2017
	Elevator/conveyance systems	\$248,000	Request	2019
	Auditorium upgrades; seating, flooring, rigging curtains, lighting	\$375,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Fencing and stadium bathroom installation (football field)	\$500,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
GWYNN PARK HIGH	Roof replacement	\$2,400,000	State & Cnty Approved	2014
	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and server	\$45,000	Cnty Approved	2015
	Parking lot and driveway repavement	\$300,000	Cnty Approved	2015
	Exterior bleacher replacement	\$500,000	ASP-Cnty Approved	2015
	Grease Trap-Code	\$36,735	Cnty Approved	2016
	Parking lot and basketball court	\$900,000	Cnty Approved	2017
	Gymnasium floor replacement	\$300,000	General Operating	2017
	Pave all asphalt surfaces	\$914,000	Cnty Approved	2018
	Elevator/conveyance systems	\$250,000	Request	2019
	Press announcer tower, ext. bleachers, bathrooms	\$850,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Fencing around football field	\$500,000	Request	2019
	Tennis court renovation	\$180,000	Request	2019
	Replace 16 AHU and convert pneumatic controls to DDC	\$3,700,000	Request	2019
	HIGH POINT HIGH	Air conditioning in 49 classrooms	\$529,000	ACI-State & Cnty Approved
Electrical upgrade		\$1,326,845	Cnty Approved	2015
Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server		\$50,000	Cnty Request	2017
ACI Project		\$822,163	Cnty Request	2018
Asbestos abatement classrooms		\$70,000	General Operating	2018
Remove underground storage tanks/install above ground storage tanks		\$150,000	Request	2019
Elevator/conveyance systems		\$255,000	Request	2019
Auditorium Generator replacement		\$55,000	Request	2019
Auditorium upgrades; seating, flooring, rigging curtains, lighting		\$375,000	Request	2019
Exterior lighting replacement		\$125,000	Request	2019
Running track resurface		\$250,000	Request	2019
LARGO HIGH		Air conditioning in the gymnasium	\$981,125	ACI-State & Cnty Approved
	Piping reinsulation & ceiling repair	\$363,559	State & Cnty Approved	2014
	Tennis court project	\$120,000	Cnty Approved	2015

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
	Partial roof replacement	\$1,690,000	State & Cnty Approved	2015
	Kitchen upgrade	\$600,000	Cnty Approved	2015
	Interior bleachers	\$150,000	General Operating	2016
	Third phase roof replacement	\$2,392,000	State & Cnty Approved	2016
	Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server	\$50,000	Cnty Request	2017
	Steam Piping replacement	\$3,832,000	State and Cnty Approved	2017
	Exterior window walls, storefronts and classroom window replacement	\$894,000	ACI-State & Cnty Approved	2018
	Gym Reno - Int. bleachers, flooring, lighting, asbestos	\$894,000	Sate and Cnty Approved	2018
	Elevator/conveyance systems and lifts	\$323,000	ACI-State & Cnty Approved	2018
	Locker painting	\$62,000	General Operating	2018
	Repave all asphalt surfaces	\$575,000	Request	2019
	Generator replacement	\$60,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Interior doors replacement	\$400,000	Request	2019
	Dance floor replacment	\$600,000	Request	2019
	Ceiling system replacement - Phase II	\$900,000	Request	2019
	Locker replacement	\$384,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
LAUREL HIGH	Exterior bleacher replacement	\$500,000	ASP	2015
	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty Approved	2015
	CFC Control and A/C modernization	\$400,000	Cnty Approved	2015
	Elevator conveyance system modification (1-Elev. 2-Lifts)	\$309,000	ACI-State & Cnty Approved	2018
	Gymnasium floor replacement	\$319,000	Cnty Request	2018
	Exterior bleacher, track	\$850,000	Cnty Approved	2018
	Tennis court install	\$180,000	Request	2019
	Generator replacement	\$60,000	Request	2019
	Press announcer tower, ext. bleachers, bathrooms	\$850,000	Request	2019
	Exterior lighting replacement	\$125,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
NORTHWESTERN HIGH	Running Track	\$120,000	Cnty Approved	2015
	Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server	\$50,000	Cnty Request	2017
	Air cooled chiller replacement	\$500,000	Cnty Approved	2018
	Turf fields	\$675,000	Cnty Approved	2018
	Generator replacement	\$75,000	Request	2019
	Tennis court renovation	\$200,000	Request	2019
	Boys locker room locker replacement	\$150,000	Request	2019
OXON HILL HIGH	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
PARKDALE HIGH	Replace lockers and benches in locker rooms	\$68,300	ASP-State Approved	2014

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
POTOMAC HIGH	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty Approved	2015
	Asbestos ceiling tile replacement	\$324,000	Cnty Approved	2015
	Tennis courts - 2 doubles needs color coat and striping	\$40,000	Cnty Approved	2015
	Elevator conveyance system modification (1-Elev. 1-Lift)	\$255,000	State & Cnty Approved	2017
	Repave all asphalt surfaces	\$300,000	Request	2019
	Annex - software and controls upgrades	\$120,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
	ACI-Air conditioning in gymnasium	\$828,375	State & Cnty Approved	2014
	Tennis courts (2)	\$250,000	Cnty Approved	2015
	Chiller replacement	\$940,000	Cnty Approved	2015
	Track project and drainage project	\$700,000	Cnty Approved	2015
	Exterior bleacher replacement	\$125,000	Cnty Approved	2015
	Elevator conveyance system modification (1-Elev. 2-Lifts)	\$255,000	State and Cnty Approved	2017
	Install 60 HD IP Interior cameras, 15 HD IP exterior cameras and a Genetec Server	\$50,000	Cnty Request	2017
SUITLAND HIGH ANNEX	Parking lot resurfacing	\$2,000,000	Cnty Approved	2018
	Roof replacement - girls gym	\$300,000	Request	2019
	Fan coil replacement for classrooms	\$300,000	Request	2019
	Bathroom, health room, and administration upgrades	\$900,000	Request	2019
	Resurface driveway	\$375,000	ASP	2014
	Rooftop unit/ground placement	\$95,000	General Operating	2015
			ASP-State & Cnty	
	Rooftop unit (3) installed	\$105,000	Approved	2016
	Dance floor replacment	\$80,000	Request	2019
SUITLAND HIGH AUDITORIUM	Generator replacement	\$45,000	ASP	2016
SUITLAND HIGH	Tennis courts - 2 & 3 doubles park settling, surface all (large cracks). At rear of building, resurface and repair damage from temporary buildings	\$200,000	Cnty Approved	2015
	Grease Trap-Code	\$45,000	Cnty Approved	2015
	Generator replacement	\$70,000	State & Cnty Approved	2015
	Fire alarm replacement	\$300,000	ASP	2016
	Replace existing steam pipes	\$150,000	General Operating	2017
	Track resurfacing	\$600,000	Cnty Approved	2017
	Elevator/conveyance replacement	\$250,000	Request	2019
SUITLAND HIGH VOC TECH	Auto shop upgrades	\$1,000,000	Request	2017
SURREATTSVILLE HIGH	Install 60 HD IP interior cameras, 15 HD IP exterior cameras and a Genetec server	\$45,000	Cnty Approved	2014
	Exterior bleacher replacement	\$500,000	ASP	2015
			ASP-State & Cnty	
	Replace student lockers	\$352,000	Approved	2015
	Condensate piping replacement	\$3,832,000	State and Cnty Approved	2017
	Running track resurface	\$270,000	Request	2019

Schools	Projects Requested	Estimated Cost	CIP	Fiscal Year Funded
TALL OAKS HIGH	Condensate piping replacement	\$1,000,000	State & Cnty Approved	2014
BONNIE JOHNS EDUCATIONAL CENTER	Water main replacement	\$500,000	Request	2019
	Univent replacement	\$958,000	State & Cnty Approved	2016
	Piping replacement	\$811,000	State & Cnty Approved	2016
	Fire alarm replacement	\$75,000	General Operating	2018
	Interior/exterior painting temporary bldgs.	\$45,000	General Operating	2018
	Systemic condensate piping replacement-PT	\$500,000	Cnty Approved	2018
FACILITY SERVICE BASE	Generator replacement	\$75,000	Request	2019
	Parking lot upgrades	\$157,827	Cnty Approved	2018
HOWARD B. OWENS SCIENCE CENTER	Elevator/conveyance system modernization	\$245,000	Request	2019
	Generator replacement	\$75,000	Request	2019
JOHN CARROLL ELEMENTARY	Repave all asphalt surfaces	\$250,000	Request	2019
	Generator replacement	\$65,000	Request	2019
	Pipe insulation replacement	\$1,400,000	Request	2019
JOHN E. HOWARD ELEMENTARY	Exterior door replacement	\$200,000	Request	2019
	Generator replacement	\$65,000	Request	2019
MIDDLETON VALLEY (TRAINING CTR)	Asbestos ceiling tile replacement	\$125,000	Cnty Approved	2018
	Water main replacement	\$250,000	Request	2019
OXON HILL STAFF DEV. CTR.	Generator replacement	\$45,830	General Operating	2018
	Replace switchgear	\$200,000	Request	2019
	Auditorium upgrades; seating, flooring, rigging curtains, lighting	\$375,000	Request	2019
	Univents/controls, sewer, steam piping replacement	\$8,000,000	Request	2019
WILLIAM SCHMIT CENTER	Condensate piping replacement	\$600,000	State & Cnty Approved	2014
	Window replacement, confidence course reno., electrical upgrade	\$0	State & Cnty Approved	2014
	Air conditioning Initiative	\$552,250	State & Cnty Approved	2014
SASSCER ADMIN BUILDING	Print Center - HVAC upgrade including installation of exhaust system and rooftop make up air unit	\$225,000	Request	2019
	Elevator conveyance system modification	\$247,250	Request	2019
	Replace switchgear	\$200,000	Request	2019
<b>TOTAL</b>	<b>\$0 = TBD</b>	<b>\$622,822,027</b>		