

# DEPARTMENT of PUBLIC WORKS



Building Maintenance • Communications • Compliance • Engineering •  
Recycling & Solid Waste • Streets • Storm Water • Traffic Planning & Control

2

Bridges repaired

# DEPARTMENT of PUBLIC WORKS

365

Graffiti Complaints

11,205

Cubic Yards Snow Removed

176

BMPs reviewed

1,814

Engineering Permits

100

Trees Planted

1,777

Street Lights installed, repaired, replaced

130

ADA Ramps Constructed

7,300

SWEEP Violations

17

New Land Development

\$133,000

Billed to LCA for services

1

Wet-Land Study

4,539

PA One Calls

0.5

Miles of Sidewalk

62

Subdivision & Land Development Plan Reviews

186

Detention Basin Permits

21

New Mobile Radios Installed

1,500

Animal Control Concerns

382

Storm Inlet cleaned

140

Storm As-Built Drawings

34,130

Cubic Yards Leaves *Anticipated* to be Removed

1,097

Traffic Signals Maintenance

500

Water & Sewer System Operations & Regulatory Reports Reviewed

\$1,792,552

Savings Solid Waste Contract

1.2

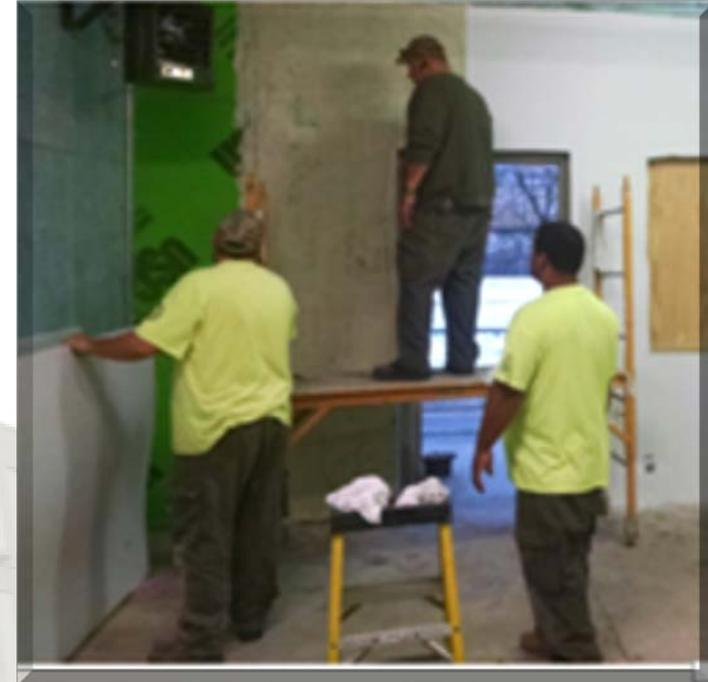
Miles of new Curb

# Building Maintenance 2017 Goals

Replace HVAC units at BridgeWorks

Complete buildout of new office space for Bureau of Solid Waste at BridgeWorks

Improving the  
Lock and Key Inventory System



# Communications 2017 Goals



Upgrade City's Radio System

Upgrade Police, Fire & EMS wireless data cards from **3G technology to 4G Data Modems** as needed

Install Radio, Emergency Lights and Siren Equipment in 1 Fire Pickup Truck and 1 EMS Command Vehicle

Assist with procurement of Police Vehicles. Design lighting and emergency equipment layout.

Purchase Emergency Lighting and Siren Equipment. Act as a point of contact for up fitter of equipment.



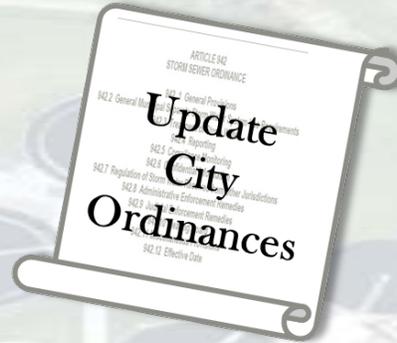
Continue upgrading Police, Fire, & EMS Mobile Computers



# Office of Compliance 2017 Goals

## Advise City on Technical Options to ensure compliance with EPA Administrative Order

Continue safeguarding City regulatory compliance with State/Federal water & wastewater regulations and assess LCA compliance with City ordinances, Concession Agreement and Operating Standards



Increase site visit inspections

Review of regulatory, industrial, construction, & operating permits



Ensure Customer Satisfaction



Provided Major Capital Project management and financial oversight \$12,500,000

**GOV** Water & Sewer Compliance Review Board

Work with the Water & Sewer Compliance Review Board to provide venue for public input

# Engineering 2017 Goals



Complete the design, bidding, and construction of the 2017 Microsurfacing Street Improvement project.

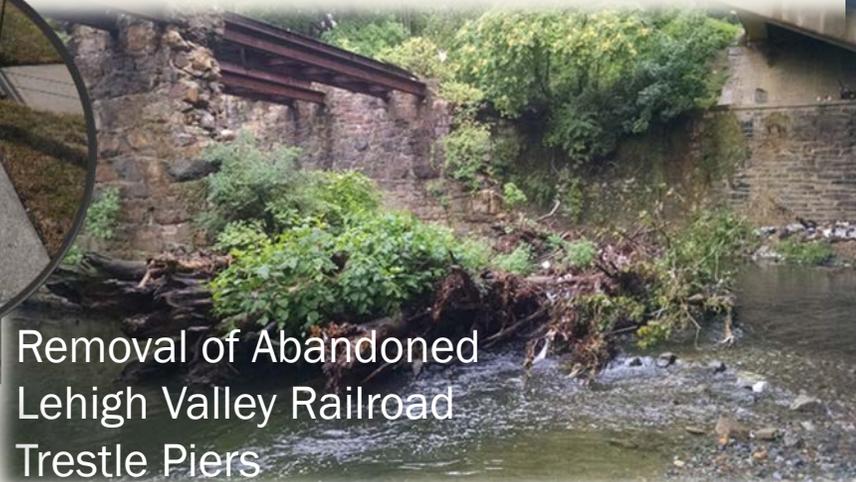


Complete the design, bidding and construction of the 2nd Street Bridge beam remediation project.

Complete the preparation, bidding & construction of the 2017 Curb and Sidewalk Improvement project.



Complete the redesign, bidding & construction of the Schreiber's Bridge wingwall.



Removal of Abandoned Lehigh Valley Railroad Trestle Piers



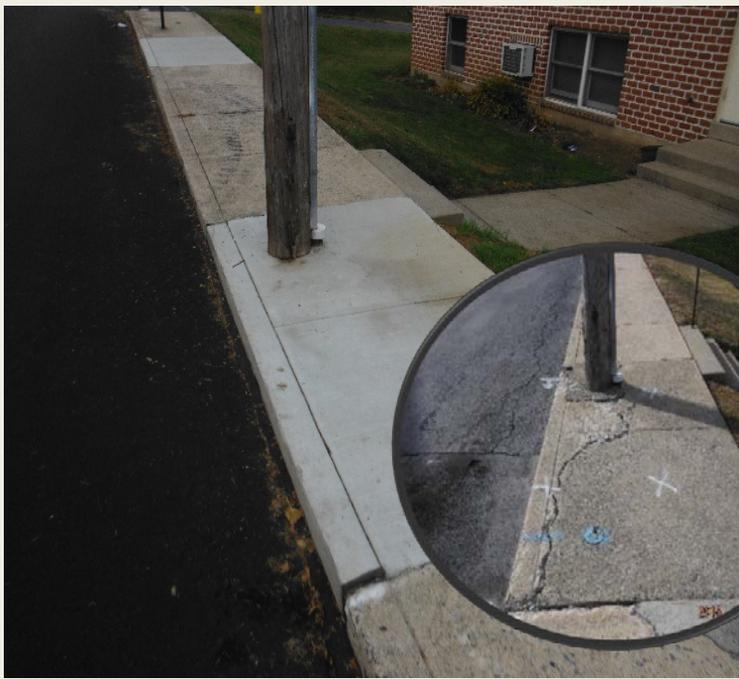
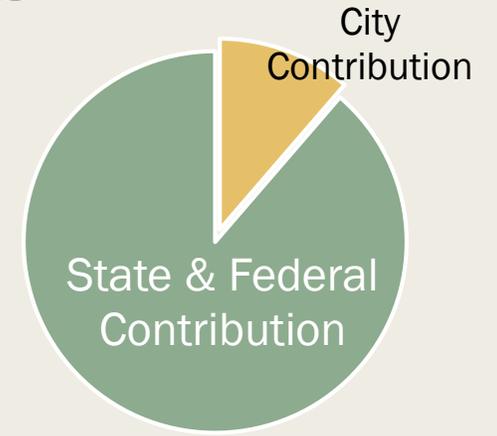
Complete the preparation, bidding and construction of the 2017 ADA ramp project.

# Engineering 2017 Ongoing Capital Projects

Capital Improvement Projects

\$15,700,000

City contribution \$2,000,000



Turner Street Lighting Improvements \$769,325



Photo 16 - Underside deck spall in Bay 3

- Arts District \$474,000
- Heart of the City \$450,000
- Livingston Watershed \$150,000
- Curb & Sidewalk program \$800,000
- Mack Blvd Improvements \$1,300,000
- Chew Street Improvements \$1,200,000
- Microsurfacing \$400,000 (estimate 5 miles)
- Hamilton Street Improvements \$2,600,000

Gordon Street Bridge replacement \$7,200,000

# Recycling & Solid Waste 2017 Goals



**15%**  
Increase  
in  
Recycling



Avoided landfill disposal costs  
June to September is \$20,000.

**Recyclebank**  
Allentown City without limits.  
Is Here ALLENTOWN!

RECYCLE & LEARN ONLINE    EARN POINTS    GET REWARDS

Sign up Today! • [www.recyclebank.com](http://www.recyclebank.com) • 888-727-2978  
Hablamos Espanol

Implement the Recyclebank Incentive program to Allentown residents where they can receive coupons and rewards for recycling more in the curbside program.

Administration of the new recycling acceptance, processing and marketing contract(s) to begin January 2017. Recommendation of Award to be introduced to City Council on November 16.

Performance Grant  
**\$275,782**

**Easier than ever, just mix together!**

- Please flatten all cardboard boxes.
- Empty and rinse all containers.
- Do not place recyclables in plastic bags.

Either Or

**NO** Trash/ food waste    Foam cups and container    Plastic bags

Like Single Stream Scottie on Facebook  
[www.facebook.com/AllentownRecycles](http://www.facebook.com/AllentownRecycles)  
[www.allentownpa.gov/recycle](http://www.allentownpa.gov/recycle)



# Recycling & Solid Waste 2017 Goals



Allentown  
City without limits.

**WASTE SITE INFO**  
**CURBSIDE COLLECTION**  
**LEAF PICK UP**



**YARD WASTE QUESTIONS?**  
**HOTLINE: 610-841-5657**

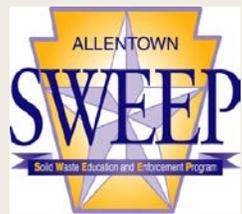



Distributing NEW Single-Stream Recycling Bins



Single Stream Scottie says ... Reduce, Reuse, Recycle with Allentown!

7,300 SWEEP Tickets issued by 6 City Bureaus  
1,500 Animal Control complaints addressed  
365 Graffiti Abatements



Increase recycling in city parks

Issue 185  
Lehigh County Dog Licenses



**Lehigh County Dog Licenses Now Available HERE**

Regular Fees:	Senior/Disabled Fees:
Male: \$9	Male: \$7
Neutered Male: \$7	Neutered Male: \$5
Female: \$9	Female: \$7
Spayed Female: \$7	Spayed Female: \$5

You must provide proof that your animal is spayed or neutered to receive applicable rate. Reduced fees are available for persons with disabilities and persons over age 65. You must provide proof to receive reduced fee.  
\* Note: Fee includes all applicable service fees.

*It's the Law*

All dogs three months or older must be licensed by Jan. 1 of each year. Dog owners who do not license their dogs can be cited with a maximum fine of \$300 per unlicensed dog plus court costs. If your dog is found, someone may take him to a local veterinarian, groomer, pet store or animal shelter. If your dog has a current license, it makes his return home easy. But if your dog doesn't have a current license, it becomes harder to ensure your pet can make it's way back to you.

# City of Allentown Municipal Garage



**570  
units**

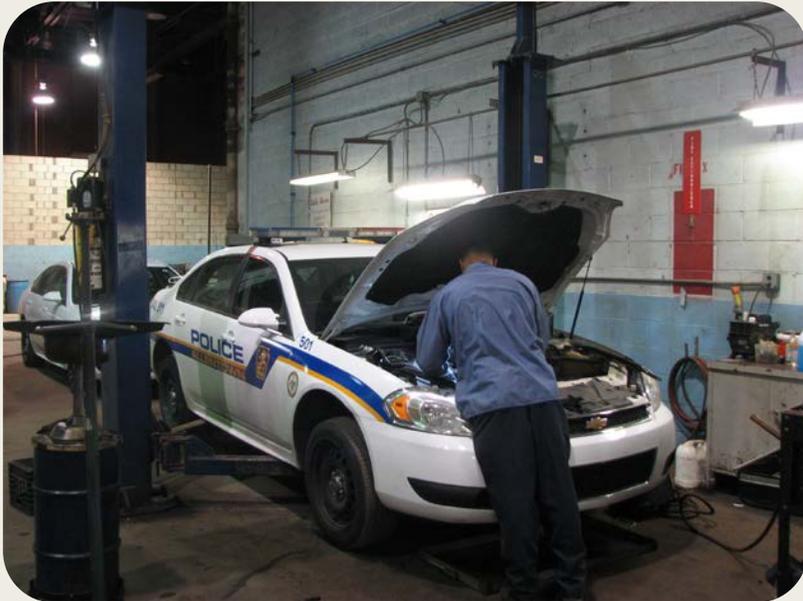
Centerra Integrated Services, LLC

Current Fleet has **518** total inspections per year.

**338** Unleaded and **189** Diesel Vehicles

Completed **1224** PM's in 2015 (PM is either a Service, Emissions, or State Inspection)

Completed **765** PM's in 2016 so far thru August



# Streets 2017 Goals



Continue Seal Coating Alley program

Establish a Milling & Maintenance Program while Increasing mileage & remaining within budget



Generate Revenue by completing Water Cuts



Improve street cleaning, incorporate new MS4 requirements.



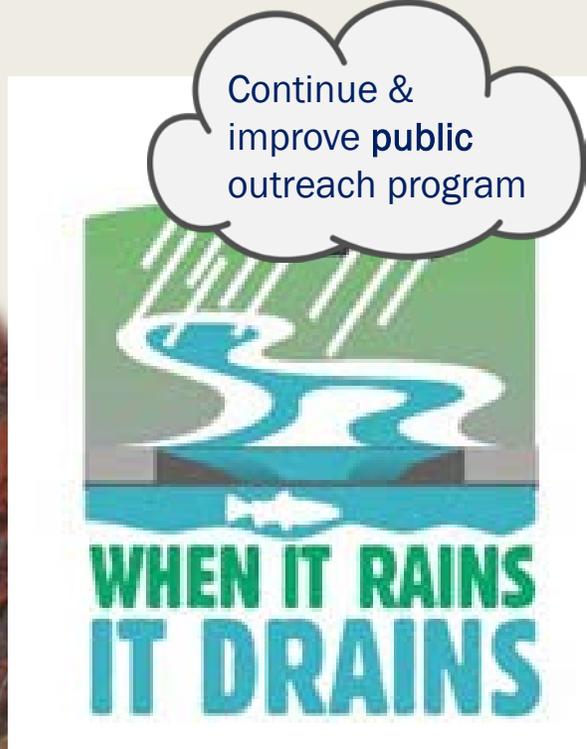
Respond to City-wide departmental asphalt needs to eliminate contractor costs



Tailgate-mounted asphalt recycler



# 2017 Stormwater Goals



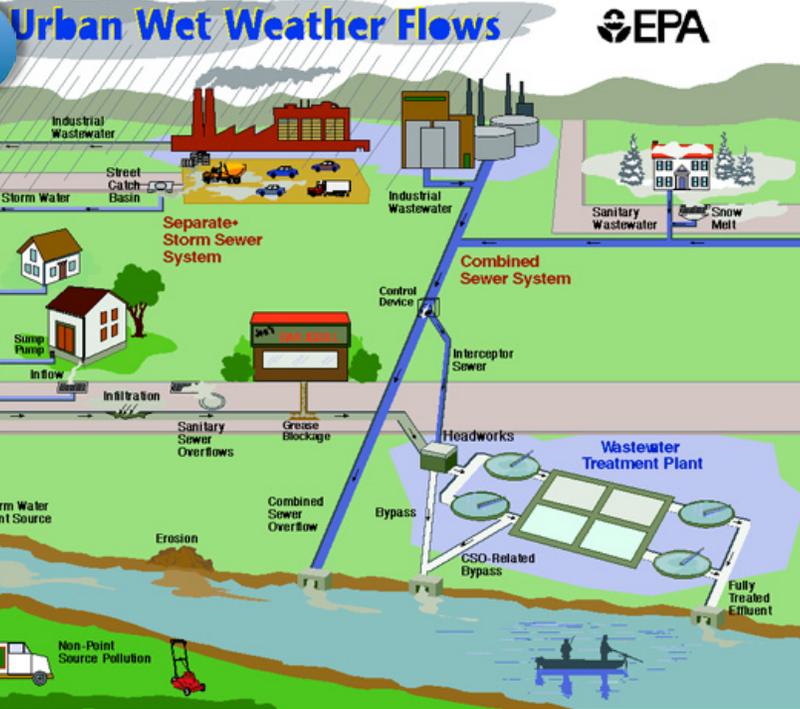
Continue & improve illicit discharge detection & elimination program to include electronic reporting & GIS 01/16/2015

Inspect & maintain 3,000 inlets, swales, and safety grates



# What is an MS4?

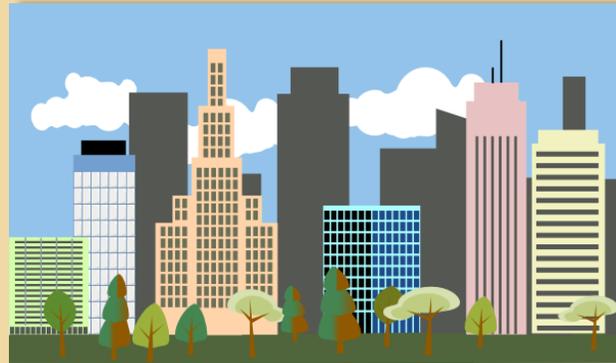
## Municipal Separate Storm Sewer System



- Compliance
- Construction
- Enforcement
- Erosion and Sediment Control
- Illicit Discharge Detection/Elimination
- Industrial/Commercial Monitoring
- Infrastructure Improvements
- Maintenance
- Municipal Best Management Practices
- Municipal Good Housekeeping
- Municipal Training
- Planning and Development
- Post Construction SW Management
- Public Education and Outreach
- Public Safety
- Spill Response and Reporting
- Water Quality Monitoring/ Reporting

Control the entrance of pollutants into local waterways through adherence to the requirements of PaDEP NPDES permit & Clean Water Act.

## Phase I NPDES Permits



for medium & large cities  
 -750 in USA  
 -2 in PA  
 (Allentown & Philadelphia)



# MS4 Program 2017 Goals

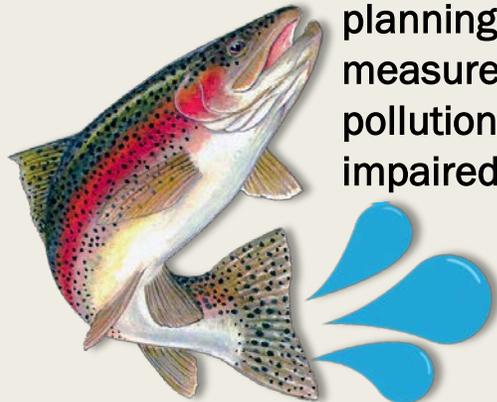


Meet NPDES permit requirements & EPA standards



-Implement Post Construction BMP Monitoring Program & improve tracking by GIS

-Pursue green infrastructure planning & cost-sharing measures in order to meet pollution reduction goals for impaired streams



-Implement industrial monitoring program

2017 Priority: implement & improve program elements

- update City Ordinances
- create documentation/implement tracking systems
- update inter-municipal agreements
- create procedures for municipal operations
- create Operation & Maintenance Plans for City facilities
- implement property inspection program & improvements
- implement training program for municipal personnel



# Traffic Planning & Control 2017 Goals



**Construction of Safe Routes to School TAP Grant Middle Schools project**

Parking Issues/Coordinating with Parking Authority

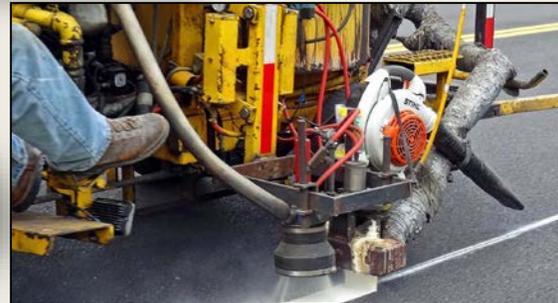


**Downtown Traffic Signal Improvements**  
adding 20 more intersections and installation of adaptive technology. Including Emergency Pre-emption.



## Traffic Signal Design

- Lehigh Street & 6th Street on Union
- Church & Emmaus Ave



**LINE PAINTING MACHINE**

**LED-Street Light Conversion Project:**  
Audit of all Street and Pedestrian Lights  
Upgrade all City Street lighting to LED and install controllers  
Extend Street Lighting on American Parkway Union to Gordon

## GRANT APPLICATIONS:

Multi-Modal Grants  
Safety Enhancement on Jefferson from Elm to Lehigh  
Green Light Go  
TAP  
ARLE



Review Land Development & Building Permits



**Maintain and install Thermoplastic Crosswalks**