



## Department of Public Works Quarterly Report October – December 2017

### I. Airport Division (CUB)

#### Airport Events

- The Airport hosted two events in late October; the visit of the historic Ford Tri-Motor which is owned by the National Experimental Aircraft Association (EAA) as well as Aerofest 2017 which raises funds for Camp Kemo. Both events were very enjoyable and, despite lower attendance due to the large number of competing events in the USC Football Bye Week, were enjoyed by many visitors and aviation enthusiasts.

**fly on the  
Ford**

EXPERIENCE THE GOLDEN AGE OF AVIATION

FORD TRI-MOTOR PROPERTY OF

Columbia, SC  
Jim Hamilton L B Owens Airport  
October 19-22, 2017

ADVANCE ONLINE PRICING: ADULT: \$70 • CHILD (17 & UNDER): \$50  
WALK UP PRICING: \$75 • RIDES: THURS 2-5PM • FRI-SUN 9AM-5PM

FOR MORE INFO: [FLYTHEFORD.ORG](http://FLYTHEFORD.ORG) OR CALL: 1-877-952-5395

**AEROFEST 2017**  
**10.21.17 - SATURDAY**  
**HAMILTON-OWENS AIRPORT**  
1400 JIM HAMILTON BLVD. COLUMBIA, SC  
10 AM - 4 PM

Benefiting:

**Antique & Warbird Aircraft**  
P-51 Mustang, Corsair, T-6 Texans,  
Stearman, Historic B-25,  
Black Hawk and more!  
**Ford Tri-Motor Rides (\$75)**

**Vintage Motorcycles**

**Face-Painting + Jump House**

**Meet & Greet - LIVE PD Officers**  
Richland County Sheriff's Dept.  
K-9 Unit, Drones, DARE, SRT

**Hawkeyes Over AeroFest**  
Watch arrivals and departures of aircraft  
in an aerial scavenger hunt for pilots

**KIDS UNDER 12-FREE**  
**ADULTS - \$5 DONATION**  
**FREE PARKING**

**CUB**

Presented by: Fly for Fun and Community, LLC • EAA Chapter 242

## II. Engineering Division (EGR)

### Completed Projects

- Completed the repair of Dawson Pond;
- Completed approximately half of the Summit Sidewalk Project;
- Completed the Columbia High / Sandel Elementary School Sidewalk Project;
- American Engineering completed the design of the Hunters Run Phase One repairs.

### Engineering Certifications, Trainings, Awards and Recognitions

- Gary Barton was hired as the new Transportation Engineering Associate and started at DPW on January 8<sup>th</sup>.

## III. Roads and Drainage Maintenance Division (RDM)

Roads and Drainage Maintenance Division showed outstanding teamwork during the emergency planning, preparation for the two forecasted snow events. The area Supervisors and Crew Members demonstrated excellent leadership and professionalism while preparing the roads and fire stations for any hazardous conditions that may result from the snow / ice event.

### Daily Activities

Roads and Drainage Division responds to hundreds of service requests each month. The Division's goal is to respond to the citizen's request within 24-hours.

### Service Request Statistics (October 1, 2017 to December 31, 2017)

- Road Scrapes: 149;
- Clean / Cut Back Ditch: 65;
- Cut / Mow Shoulder of Road: 104;
- Drainage Problem: 90;
- Blowout / Sinkhole: 43;
- Emergency Maintenance / Private Road: 5.
- **Average Days to Complete: 12.75;**
- **Percent Completed: 97.31%.**

### Certifications, Trainings, Awards and Recognitions

- OSHA Silica Training;
- Chainsaw Safety;
- Cold Weather Safety;
- Slips, Trips and Falls;
- Defensive Driving Hearing Test;
- Advanced Supervisor Training: Clyde Henryhand and Travis Thomas;
- Safety Star Awards Winners: (Received awards on November 21, 2017);
  - Albert Simmons – September 2017;
  - Elijah McCorkle – October 2017.

## Academic Accomplishments

- Leslie McCray: President's List: 4.0 GPA; Master's degree program;
- Jabbari Jones: Currently attending Midlands Technical College;
- Richard Player: Received Real Estate License.

## **IV. Stormwater Management Division (SH20)**

### Quarterly Inspections and Enforcement Activities

Stormwater Management Division staff conducts a variety of inspections aimed at improving water quality and ensuring adequate maintenance of stormwater infrastructure.

#### **Inspection Activities:**

- Responded to 18 ONEStop complaints;
- Conducted 2 SWPPP Facility Inspections;
- Conducted 11 PHF Inspections;
- Issued 19 Notice of Violations;
- Inspected 7 Industrial facilities;
- Completed six CCTV inspections;
- Responded to 60 citizen telephone calls.

### Monitoring Activities

The Stormwater Management Division actively monitors multiple waterways within the county and is currently revising the monitoring plan to further gauge the health of county waterways.

#### **Quarterly Sampling efforts:**

- Completed and submitted the stormwater monitoring report;
- Collected 22 ambient (in stream) samples;
- Collected nine dissolved oxygen samples;
- Collected nine wet weather (outfall) samples.

### Education and Outreach

The Stormwater Management Division's outreach efforts have already been extensive in this quarter.

#### **Outreach Events**

- Lawn Basics for Beginners Workshop;
- Adopt-A-Stream Trainings;
- Presentations at Dutch Fork Elementary and homeschool students at SC State Museum;
- Public Works All-Hands Training on stormwater pollution.



## Stormwater Certifications, Trainings, Awards and Recognitions

With constant changes in stormwater regulations from state and federal government, continuing education is crucial to keeping the County's stormwater program in compliance and ready to handle new challenges.

### New Certifications and Staff Recognitions:

- Jacob Cannon received his Certified Stormwater Plan Reviewer Certificate;
- Synithia Williams was elected President-Elect of the APWA-SC Midlands Branch;
- Chenille Williams elected to the Environmental Education Association of SC Board of Directors.

## Capital Improvement Projects and Stormwater Management Division Initiatives

The Stormwater Management Division began new initiatives and closed out completed projects. The major accomplishments are listed below:

- Requested proposals for the Mountainbrook Ditch Stabilization project;

## **V. Solid Waste & Recycling Division (SWR)**

### Upper Richland Community Meeting

Solid Waste & Recycling staff conducted a DHEC required community meeting on December 7<sup>th</sup> to inform the public of the proposed remedy to the groundwater issues at the landfill. The proposed remedy is the installation of a gas system that will reduce the impact of landfill gas on the groundwater. Details of the proposed remedy were explained during the meeting.

### Route Management System

The County's vendor for the Route Management System, Fleetmind, continued to install its Route Management System equipment in the hauler's solid waste collection vehicles. Equipment has been installed in CWS trucks. Waste Industries and ASI will be installed next. After that is completed, the routes will be set up in the system. The system should be operational during the Spring of 2018.

### Irmo High School Recycling Event

On October 21<sup>st</sup> a joint recycling event was held at Irmo High School. Richland County, Lexington County and Keep the Midlands Beautiful held a recycling event at the high school. During the event 713 vehicles dropped off approximately 20 tons of recyclable materials that included metal, tires, electronics, paper and household hazardous materials.

### Warning Tickets and Citations

During the quarter, Refuse Control Officers issued 150 warning tickets and 23 citations. Officers investigated 148 complaints of debris on lots, 243 illegal dumps, and assisted with 304 non-compliant piles.

### Illegal Dump Sites

Officers investigated 212 illegal dumping requests from ONEStop.

### Clemson Road Drop-off Site

Because of ongoing issues with citizens dropping of inappropriate materials at the Clemson Road Drop-off Site, the Division began manning the site in December. In addition, Refuse Officers have been placed at the site on Friday and Saturday nights. Lights and a gate are planned for the site. There has been a major improvement at the site since it has been manned.

### Vulcan Land Sale

The sale of approximately 70 acres of land at the entrance to the Richland County C&D Landfill and Drop-off Center was completed during the quarter.

### New e-waste Vendor

Powerhouse Recycling was chosen as the new e-waste vendor for the County. Powerhouse had competitive prices for e-waste and the lowest transportation costs of all vendors submitting proposals. Powerhouse is scheduled to take over the County's e-waste management in January.

## **VI. Special Services Division (SS)**

### Clean Sweep Program

One of the most popular programs of the Special Services Division is the community clean sweep program. Councilmembers have another opportunity to fellowship with constituents through this program to stress the importance of clean living within our communities and surroundings.

<b>Community Clean Sweeps (5)</b>	<b>Council District</b>
Washington Heights	7
Farrowood Estates	7
Briarwood Community	3
Cherokee & Stucawa Garden Communities	2
Turtle Creek	9

### “Special” Clean Sweep Program

Enhanced the community Clean Sweep Program by adding an opportunity for all neighborhoods to participate in a Special Clean Sweep to clean up their community. The Special Clean Sweep consists of teaming up with other departments and divisions, community leaders and respective district Council members for a community walk-through to identify various community issues that threaten the health, welfare and safety of the community. Staff collaborate in taking action to resolve identified issues in addition to assisting the citizens in cleaning up their community.



Special Community Clean Sweeps (5)	Council District
Actwork-Little Camden, Taylors, Arthurstown, Washington Park Communities	10
Bluff Estates, Eastway Park, Starlight, Richard Street, Reeder's Point, Atlas Road Communities	10
Gadsden, Eastover, Town of Eastover	10
Franklin Park, Hopkins	10
Drexel Lakes	10

**Litter Control Program**

Inmate labor support is critical to the success of the litter control program and upkeep and beautification of county roads.

Roads Policed:	Bag Count (Litter Picked Up):	Miles Policed:
140	3028	203.22

Illegal dump sites were cleaned up from rights-of-way, woods, curbsides, *cul-de-sacs*, and ditches throughout the County.

Illegal Dump Sites Cleaned
155

