



Public Works Department 2015 Project Overview

ENGINEERING STUDIES

River Hills Subdivision – Settlement Issue

- Professional Services Contract with Olsson Associates to investigate the area setting within the City's R/W



STREET MAINTENANCE

2015 Street Maintenance Program:

- Applied 18,000 pounds of cracksealing material
- Replaced over 2,450 feet of concrete curb and gutter
- Repaired 50 square yards of concrete sidewalk
- Improved 8,700 feet of asphalt streets with Mill & Overlay
- Installed 32,000 feet of Pavement Marking



PUBLIC WORKS PROJECT

North Crooked Road Streambank Stabilization

- Partnership with Platte County
- Received local match credit with blocks from Brink Myer Wall



MAIN STREET STORM INLETS



PNS MAINTENANCE AREA

- Power installed to Maintenance Area
 - Serves 2 storage sheds
 - Able to use power tools and have work space



INSURANCE REPAIRS

- Installed “Slippery When Wet” signs
 - On 11 bridge (2 signs per bridge)
- Moved Benches back to allow foot space



BLUFFS SEWER IMPROVEMENTS

- Replaced 300 feet of sanitary sewer sliding down the edge of the bluff above Hwy 9
- Addressed leakage issues and moved sewer onto solid foundation



Old pipe suspended on face of bluff was sliding, separating.



New pipe moved 15 feet back, onto rock foundation.

SANITARY SEWER REPAIRS PHASE 2

- Repaired 5,800 feet of sanitary sewer pipe with cured-in-place pipe (CIPP) lining method



Area of failed pipe being repaired.



CIPP crew inverting repair tube into sewer line.

SEWER CCTV AND CLEANING

- Performed CCTV inspection and cleaning of over 9,000 feet of sewer lines
- Data used for budgetary and repair decisions



Camera unit with crawler tracks and pan/tilt camera head.

EASTSIDE DRIVE SEWER

- In cooperation with PCRSD
- Eastside Pump Station served 100 homes
- Redirected wastewater from KCMO to PCRSD
- Eliminated Eastside Pump Station



New sewer pipe across creek to convey wastewater to PCRSD system.



Demolition of old City pump station, concrete wetwell.

PINECREST WET WELL

- New wet well constructed inside existing metal shell



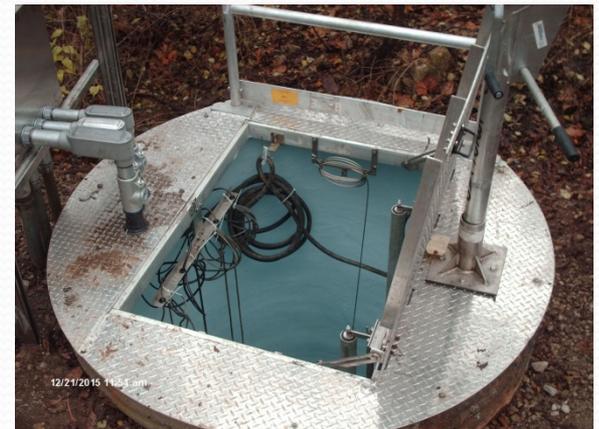
New spray-applied concrete wall.



Old steel lid rusted and unsafe.



Old metal wetwell badly rusted, with holes.



New aluminum lid and epoxy wall coating.