RUBYCOLLINS | 50 YEARS 1970-2020

HOWELL MILL ROAD SEWER OUTFALL

This design-build contract involved the emergency replacement of sanitary sewer system. The project included the realignment and construction of roughly 1,500 linear feet of 10-Inch diameter force main and the installation of a new duplex pump station. The new pump station was a design-build project. Ruby-Collins, Inc. worked to realign and upsize the Howell Mill Road Outfall Sewer. The work included bypass pumping, pre and post CCTV inspection, pipe replacement utilizing open cut and pipe bursting methods, installation of package pump station facility, installation of grinder pumps and backflow preventers, manhole rehabilitation, replacement and installation, demolition and abandonment of existing sewers, erosion control, and traffic control.

HARTSFIELD JACKSON MANIFOLD IMPROVEMENTS

This design-build project involved replacing the discharge manifold piping, valves, and fittings, as well as other piping, valves, and fittings at the Hartsfield-Jackson Atlanta International Airport Pump Station. The work included, but is not limited to site investigation and mitigation, demolition of existing ductile iron pipe, fittings, and valves; installation of new flow meters; construction of reinforced concrete foundation slabs, structural and architectural modifications to the existing pump station building to facilitate the new above grade piping, temporary bypass piping, dewatering, electrical and controls, storm drainage, green infrastructure such as a rain garden or bio-swale, new ornamental fencing, erosion and sediment control.

DEKALB COUNTY DESIGN-BUILD SERVICES FOR THE GRAVITY SEWER SYSTEM REHABILITATION REPLACEMENT AND CONSTRUCTION PACKAGE #1

This design-build project included gravity sewer rehabilitation and replacement at 19 locations within DeKalb County. Work included assessment using CCTV, cured-in-place pipe lining, pipe and manhole point repairs, pipe replacements utilizing either open-cut or pipe-bursting methods, and manhole rehabilitation and replacement. The Project was implemented in two phases: Design and GMP Development Services, and Final Design and Construction Services.

The project included approximately 23,000 lf of assessment using CCTV, 18 each point repairs, 5,282 lf of CIPP lining, and 25,000 lf of pipe replacement. Pipe sizes ranged from 8"-24" diameter.

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