

CITY OF RICHMOND EAST SIDE INTERCEPTOR REPLACEMENT RICHMOND, INDIANA



Project Description

Construction included approximately 8,125 LF of new 54" Sewer Interceptor Pipe installed at a depth of at least 15ft, to replace aging 36" Sewer Main. Approximately 1,375 LF constructed by open cut method and 6,750 LF by trenchless tunneling, including a tunnel boring machine for a 84" tunnel bore with rib & lagging with 54" Hobas Pipe carrier pipe within installed at a depth of 40 ft. Connection of sewers, lateral reconnections, several cast in place and precast structures, structural modifications, 7 deep rock shafts ranging from 25'-51' deep, temporary earth retention systems, jack and bore casing, excavation, backfilling, utility relocation, erosion control, traffic control, surface restoration, construction engineering, settlement monitoring plan, and multiple sewer bypass operations. **Pipe:** 15" PVC- 1,620 LF, 18" PVC- 320 LF, 24" PVC- 158 LF, 24" RCP- 73 LF, 54" RCP- 1,375 LF, and 54" CFRPM- 6,760 LF. **Bores:** Jack and Bore: 48" diameter casing-60 feet long, 36" steel casing for 24" PVC Carrier Pipe, and 30" diameter casing 25 feet long.

At a Glance

Contract Amount:
\$12.9 M

Notice to Proceed:
February 11, 2013

Completion Date:
June 11, 2015

MGD:
25

Owner:
City of Richmond, IN

Engineer:
Commonwealth Engineers, Inc.
Brian Desharnais