

CITY OF RICHMOND EAST SIDE INTERCEPTOR REPLACEMENT RICHMOND, INDIANA



Project Description

Construction included approximately 8,125 LF of new 54" Sewer Interceptor Pipe to replace aging 36" Sewer Main. Approximately 1,375 LF constructed by traditional open cut method and 6,750 LF constructed by trenchless tunneling, including a tunnel boring machine for a 82" tunnel bore with rib & lagging with 54" Hobas Pipe carrier pipe within. 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 Details: 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 information: 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 Contact Info:
City of Richmond, IN

Engineer Contact Info:
Commonwealth Engineers, Inc.