

US17 Spring/Fishburne Drainage Improvement Project

Division I: Tunnels & Shafts (Phase 3)

Project Fact Sheet

Contract Information:

Contractor: Jay Dee Construction, Livonia, MI
 Construction Contract: \$33,648,250

Engineers: Davis & Floyd, Charleston, SC
 Black & Veatch, Charleston, SC

Notice To Proceed: July 5, 2016

Expected Completion: Q2 2020

Local Subcontractors: Terracon Consultants
 Bullz-Eye Sales (DBE)
 Old Saint Construction Group (DBE)
 W. Frazier Construction (DBE)
 S.J. Hamill Construction

DBE Work: \$7,000,000 (20%)

General Overview:

8,200 LF of concrete-lined tunnels

Main Line Tunnel	5,350 LF	12 ft diameter	12 in walls	TBM-excavated
President St Tunnel	1,950 LF	8 ft diameter	12 in walls	TBM-excavated
Eight Adit Tunnels	900 LF	8 ft diameter	12 in walls	Hand-excavated

Four Access Shafts

Lockwood Drive Shaft	180 ft deep	30 ft diameter	3 ft walls	Sheet pile + R&L
Harmon Field Shaft	150 ft deep	30 ft diameter	3 ft walls	Concrete caisson
Coming Street Shaft	125 ft deep	20 ft diameter	2.5 ft walls	Concrete caisson
Cannon Street Shaft	150 ft deep	20 ft diameter	2.5 ft walls	Concrete caisson

11 Connections to Phase 1 and 2 Surface Collection System

Eight adit connections to drop shafts installed in Phase 2

Three surface connections to Harmon Field, Coming Street, and Cannon Street Shafts

The Lockwood Drive Shaft will be developed into a pump station as part of Phases 4 and 5 construction

