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