

CONTRACT ROLE

Prime

LOCATION

Statewide, Florida

PROJECT TEAM

Tim Harman, P.E.
 Andy Hooper, P.E.,
 GC
 Melissa Ericson
 Joseph Lundquist,
 P.E.
 Joe Newton, P.E.
 Khaled Essraoui,
 P.E.
 Scott Yelverton

PERIOD OF PERFORMANCE

2011 to Present
 2007 to 2012

APPROXIMATE FEE

\$15,000,000

CLIENT

Florida Department of
 Transportation,
 District Four



CLIENT CONTACTS

Richard Young, P.E.
 District Project
 Development
 Engineer
 (954) 777-4323

Handex Consulting and Remediation, LLC (HCR) has provided Contamination Assessment and Remediation (CAR) services to the FDOT District 4 from April 2011 to the present under current contract BDS12. HCR's team of experienced environmental scientists, management professionals, environmental construction, field personnel, and qualified subcontractors allowed HCR to meet the District's expectations on a variety of complex and challenging task assignments. Services provided under the CAR contract included:

Level I and Level II Environmental Assessments: HCR has completed numerous Level 1 and Level II assessments for the FDOT District 4 as part of this contract. Level I assessments utilized the ETDM system and roadway improvement plans to identify potential sources of contamination impact. Once identified, Level II assessment activities were performed to evaluate suspected areas. These projects represent fast track assessments which supported infrastructure improvement projects for FDOT District 4. HCR utilized in-house truck-mounted direct push rigs for rapid mobilization, soil boring and temporary well installations for environmental sample collection in these restricted access settings.

Environmental Construction and Remediation: HCR environmental construction services were utilized under the CAR contract for construction activities in areas impacted by contamination. By utilizing HCR's in-house environmental construction personnel in these areas instead of the roadway contractor, infrastructure improvements were able to be expedited while managing exposure issues relating to worker safety and proper handling, disposal, and documentation of hazardous materials and toxic chemicals. HCR has installed groundwater barrier walls utilizing an injectable resin to prevent the exacerbation of adjacent dissolved contaminant plumes. HCR also provided, installed, operated, maintained, and monitored dewatering treatment equipment to support the roadway project team when dewatering in contaminated sites.

Asbestos and Lead Abatement: HCR with its various subcontractors conducted ACM removal and disposal at numerous bridges in FDOT District 4 as part of the existing CAR contract. ACM abatement typically included the wet removal of the existing Class V finish and the application of a new Class V finish. HCR utilized a project scientist/ field health and safety officer to monitor site activities, coordinate abatement subcontractors, and to oversee and ensure proper Maintenance of Traffic. Examples of the ACM/LBP projects are ACM Abatement Avoidance - Bridge #860294 (FMH#429687) - Broward Boulevard West (Modification of installation to avoid Class V Finish), ACM/LBP Abatement - Ft. Lauderdale Amtrak/CSX Train Station (FM#429946-1), ACM Abatement (Partial) - I-95 Bridges over Indrio Road (FM#413047-1).

Emergency Response Services: Since April 2011 FDOT District 4 has issued approximately 6 LOAs (over 17 site responses) authorizing HCR to perform Emergency Response Services. Example emergency response projects for District 4 are given in Table 3. HCR's rapid response to urgent situations in construction areas allowed roadway contractors to resume work as soon as possible preventing costly construction delays and impacts to construction schedules. An exemplary example of a rapid response ER was an HCR response to discovered underground storage tanks (USTs) at the intersection of SR-5/US-1 and PGA Boulevard, North Palm Beach, Palm Beach County, Florida (FM#428319- 1-22-01). HCR performed the removal of three abandoned USTs within a sinkhole that developed in the east bound travel lanes of PGA Boulevard. HCR assessed the internal atmosphere of the USTs and impacts to surrounding soils. HCR coordinated with the Roadway Contractor and Prime Contractor to utilize onsite equipment to safely and quickly extract the USTs in order to restore the roadway before the morning commute began.