



## Construction Support

Construction at active DoD installations or on commercial/private property, may be on or near Formerly Used Defense Sites (FUDS). To ensure the safety of personnel on construction projects where the environment may be contaminated with Unexploded Ordnance (UXO), USA provides trained UXO technicians to work alongside the construction contractor to mitigate the risk to personnel working in areas that may be contaminated by UXO.

USA's experienced UXO technicians proactively perform construction support through close coordination with the contractor and range control to keep tight construction schedules.

Daily safety briefings remind construction workers to maintain UXO awareness, and to follow Recognize, Retreat, Report (3Rs) procedures.

USA offers these services worldwide, working as prime or subcontractor. Recent experience includes Eglin AFB, FL; Fort Gordon, GA; Joint Base Lakehurst/Dix, NJ; Raritan Arsenal, NJ; Ft. Benning, GA; McClellan, AL; Ft. Bliss, Ft. Hood and Camp Bullis, TX; Ft. Devens, MA; Okinawa, Japan; Palo Alto, San Bernadino, and Camp Elliott, CA; Ft. Lewis, WA; Lowry Firing Range, CO; Twin City AAP, MN; Avon Park, FL and Kodiak Island, AK.

### USA performs construction support for:

- Horizontal construction, such as roads, pathways, fence installation
- Building foundations for vertical construction
- Biological, cultural and archaeological surveys
- Installation of underground utilities, soil
- Underground environmental investigation activities
- Other types of earth moving operations such as new trenches for practice ranges, etc.

### Avoidance Activities

- Surface — UXO qualified individuals escort construction crews, surveyors, biologists, or other personnel to ensure they do not come in contact with any suspected munitions items while performing their specific non-intrusive activities.
- Subsurface — UXO qualified individuals check the subsurface with a geophysical instrument to determine whether there are any potential metallic objects, and then directs all activity away from any anomalies.

### Intrusive Activities

- In low probability areas, UXO support personnel are on hand to observe intrusive activities. If munitions are encountered, work stops until the munitions hazard is cleared.
- In medium-to-high probability area, construction support is performed by clearing to appropriate depths prior to construction.



*Two UXO Technicians Provide Standby Support for Intrusive Activities at the Juniors Obstacle Courses, Quantico, VA*



*UXO Avoidance as Surveyors Plot Transects during Range Construction, Okinawa, Japan*



*Construction Support after Surface/Subsurface Clearance, Okinawa, Japan*