



**Global Solutions, LLC**  
**2302 Hurstbourne Village Drive, Suite 600**  
**Louisville, KY 40299**  
[www.global-solutionsllc.com](http://www.global-solutionsllc.com)



**Global Solutions, LLC is a SBA 8(a)/SDB, MBE and DBE certified firm specializing in Civil Engineering Services. An entrepreneurial enterprise founded in 2003 and corporate office located in Louisville, Kentucky, Global Solutions serves private and public Clients, including state and federal agencies. Global Solutions provides support as prime contractor and subcontractor and consistently delivers superior services to various clients.**

#### **A. GENERAL CIVIL ENGINEERING**

- Sanitary Sewer Design – Gravity and FM
- Pump Station Design
- Water Distribution
- MS4/Water Quality
- Storm Drainage/Detention/Flood Plain Management
- Floodplain studies using HEC-RAS, HEC-2, HMS and HEC-1; FEMA map revisions and Corps of Engineers 401 and 404 permitting
- Erosion Prevention and Sediment Control Plans
- Prepare Plans Connections to Public water/sewer
- Field Work Coordination
- Retaining Walls, Detention Basins
- Erosion Prevention and Sediment control Plans
- Stream/wetland mitigation and restoration.
- Layout Plans, Grading & Drainage
- Utility Plans
- Detail Sheets/Permits, Specifications, etc.
- Divide Land for Residential/Commercial Development

#### **B. SURVEYING (WILL BE ADDED IN JUNE, 2011)**

- Private and Public Sector work
- Boundary Surveys
- ALTA/ACSM Land Title Surveys
- Major/Minor Subdivision Plats
- GPS Surveys
- Easement and Condominium Plats
- Construction Layout
- Engineering Route Surveys
- Topographic Surveys
- Architectural Surveys
- Quality Surveys, Accident Surveys
- Hydrographic and Deformation Surveys

#### **C. UTILITY VALIDATION SERVICES**

- Expedient acquisition of utility services
- Utility Research
- Planning, Design, Cost Estimating
- Coordination with providers and contractors, Utility Construction administration

#### **D. HIGHWAY ENGINEERING**

- Roadway Geometric Design (Urban and Rural Maintenance of Traffic Plans
- Project Management
- Bid Evaluation & Bid Document Preparation
- Erosion Control Plans
- Utility Coordination/ Utility Relocation Plans
- Deed Search/Right-of-Way Plan Preparation
- Highway Drainage Analysis
- Roadway Storm Water Design etc.

#### **E. TRAFFIC ENGINEERING**

- Traffic Signal Plans and Signing & Stripping Plans
- Signal Timing
- Traffic Impact Studies
- Signal Warrant Analysis
- Network Signal Analysis
- Surface Street and Freeway Network Simulation
- Capacity Analysis

#### **F. PLANNING/LANDSCAPE ARCHITECTURE**

- Master Planning Design from 1 acre to 50 + acre parcels spanning Mixed Use developments, Town Centers, Lifestyle Centers, Residential Neighborhood Planning, Hotels, Corporate Office campuses, Office Condominiums, Retail Centers, Restaurants, Big Box retail, Warehouse Distribution, Critical-Secure Facilities, Educational uses, Military facilities and municipal planning.

#### **G. PROJECT/CONSTRUCTION MANAGEMENT/PROJECT CONTROLS**

- Primavera P6 expertise
- Project Scope preparation
- Prepare work breakdown structure
- Project Controls, Perform
- Earned Value Analysis
- Perform QA/QC and Monitor Project Progress

#### **NAICS Codes:**

541330

541340

541370 (as of June 1, 2011)