



Global Solutions, LLC
2302 Hurstbourne Village Drive, Suite 600
Louisville, KY 40299

Global Solutions, LLC is a Civil Engineering firm specializing in the following areas. Global was founded in 2003 with corporate office located in Louisville, Kentucky. Global Solutions, provides services to private and public entities. Global Solutions, provides services as a prime consultant and as well as a sub-consultant and consistently delivers superior services to various clients. Global is also certified as a MBE/DBE/8(a)/SDB firm.

1. General Civil/Site Engineering

- Sanitary and Storm Sewer Design – Gravity & FM
- Water Distribution plans
- MS4/Water Quality
- Erosion Prevention and Sediment Control Plans
- Field Work Coordination
- Layout, Grading & Drainage Plans
- Utility Plans
- Detail Sheets/Permits, Specifications, etc.

2. Utility Validation Services

- Utility Research
- Coordination with utility companies
- Coordination with Vacuum Excavation companies
- Obtaining surveyed field information to verify the utilities shown on the plans

3. Highway Engineering

- Roadway Geometric Design (Urban and Rural)
- Maintenance of Traffic Plans
- Bid Evaluation & Bid Tabulation
- Erosion Control Plans
- Utility Coordination/ Utility Relocation Plans
- Deed Search/Right-of-Way Plan Preparation
- Highway Drainage Analysis
- Drainage Folder Preparation
- Spread Analysis to locate the spacing for curb box inlets
- Roadway Storm Water Design etc.

4. Traffic Engineering

- Traffic Signal Plans and Signing & Stripping Plans, Signal Timing, Traffic Impact Studies, Signal Warrant Analysis
- Surface Street and Freeway Network Simulation
- Capacity Analysis
 - Signalized Intersections
 - Un-signalized Intersections
 - Weaving Analysis
 - Multi and Two-lane Analysis
 - Merging and Diverging Analysis
- Preparation of Capacity Analysis Report

5. Staff Augmentation Services

- Global Staff will augment staffing needs on the project
- Global Staff will co-locate with the project team to work as a seamless team member

6. Document Controls

- Collect, maintain and distribute all documents
- Extensive Project Wise experience
- Computer database management
- Receive and Process requests for information from clients and maintain the requests via tracking logs
- Assist project managers with archiving and retrieving documents

7. Quality Assurance

- Perform quality audits to facilitate in the production of quality design packages that meets quality guidelines

8. Construction Administration

- Field Engineering services during construction. Be a liaison between the design team and construction team to address concerns
- Schedule reviews and project administration

9. Project Controls

- Primavera P6 and Schedule Analyzer expertise
- Project Controls
 - Preparation of Work Break-down structure, Develop schedule and critical path, Develop Initial Cost Projection by resource loading the Schedule with production hours and dollars, Establish baselines
 - Sub-consultant coordination to compile and update monthly cost and schedule projections
 - Gather actual progress information to update the Primavera Schedule
 - Earned Value Analysis, Critical Path Analysis, Milestone Analysis
 - Generate Reports, Preparation of Schedule Comparison Report to monitor actual progress against the established baseline
- Perform quality check on sub-consultants invoice to make sure that invoice amount matches the percentage progress reported for project controls purposes