

Vision Statement

As a Professional Engineering, Design and Consultancy Organization, Endesco, Inc. shall:

- Provide a team of experts who will give the most appropriate skills and technology into complex and challenging projects.
- Structure relationships and partnerships within the engineering profession to provide a full range of client services.
- Assure quality and efficiency in the successful performance of all projects that it undertakes.

Endesco, Inc.

Featured Projects

Endesco, Inc. is proud of being an integral part of a variety of projects ranging from Mega projects to local intersection improvements.

To name a few of our projects:

- I-95 Express Lanes in Northern Virginia
- Inter-County Connector (ICC) Contract A and Contract B (2012 ENR Best Transportation Project Award Winner) in Maryland
- Washington Metrorail Silver Line Phase 2
- National Capital Purple Line in Montgomery and Prince George's Counties, MD
- I-395 HOV Ramp at Seminary Road with Auxiliary Lane Extension in Northern Virginia
- US-1 Neabsco Creek Bridge Reconstruction, Prince William County, VA
- VA-236 (Little River Turnpike) Traffic Design and Corridor Study, Fairfax County, VA
- Chain Bridge Road (Route 123) Reconstruction, City of Fairfax, VA
- MD-337 and MD-218 Intersection Improvement for Maryland SHA
- Annapolis Road / Waterview Avenue Improvement, City of Baltimore, MD
- Shookstown Road Widening, City of Frederick, MD
- NPDES Stormwater Management Retrofits for Montgomery County Department of Environmental Protection
- MDE Review for BRAC Projects, US Army Corps of Engineers

This list keeps growing.

Endesco, Inc.

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"We are proud of providing quality professional services within client's budget and on schedule for all our projects, small or large."

*- Kevin Huang, P.E.,
President, Endesco, Inc.*

History and Overview

Endesco, Inc., founded in 1997 as a professional consultancy organization, is a multi-disciplined civil engineering design, planning, consulting and construction management firm based in the Washington Metropolitan Area. The company is certified as a small minority-owned disadvantaged business enterprise (MBE/DBE/SBE) by the Departments of Transportation in the State of Maryland, the Commonwealth of Virginia, and the District of Columbia, Washington Metropolitan Area Transit Authority, Metropolitan Washington Airports Authority, and local counties and municipalities.

We offer a wide range of services in the areas of drainage design, stormwater management, erosion and sediment control, bridge hydraulics and scour analysis, roadway design, transportation management and traffic engineering, land development, civil site services, parking lots, pedestrian and bicycle facilities, and project management. Our team members have developed, designed and managed engineering projects from conception to completion - planning, project identification, feasibility studies, cost benefit analysis and economic evaluation, preliminary designs, environmental impact analyses, detailed engineering design, preparation of contract documents, contract administration and management.

Professional Services

Water Resources

- Stormwater Management
- Hydraulics and Hydrology
- Erosion and Sediment Control
- Storm Drainage Design
- Bridge Hydraulics and Scour Analysis
- Flood Plain Studies and FEMA Permitting

Civil & Site Services

- Site Development Design including Layout, Grading, Stormwater Management, and Erosion & Sediment Control, and Permitting
- Site Subdivision and Rezoning
- Access Management
- Pedestrian Walkways, Bikeways and Parking Lots Design for ADA compliance
- Utility Relocation and Design
- Water and Sanitary Sewer Design

Transportation Management and Traffic Engineering

- Traffic Impact Study / Corridor Study
- Traffic Signal Design
- Signage and Pavement Marking Design
- Traffic Calming
- Traffic Simulation and Analysis
- Transportation Management for Construction
- Roadway Safety Analysis

Roadway Design

- Roadway Geometry Design
- Preparation of Right-of Way and Construction Plans for new and Rehabilitation Projects
- Roadway Traffic Maintenance Design
- Roadway Drainage and Stormwater Management
- Pavement Evaluation and Design
- Roadway Maintenance Management
- Construction Management

Lighting Design

- Photometric Analysis
- Roadway and Sign Lighting Design
- Site Lighting Design

Geographic Information System (GIS)

- Data Capture, Representation, Analysis, and Management
- Topological and Hydrological Modelling
- NPDES Geo-Database Recorders Tracking and Reporting

Construction Services

- Project Management
- Schedule and Budget Management
- Construction Inspection Services

Certifications

Certified MBE/DBE/SBE with:

- Virginia DOT
- Maryland DOT
- District of Columbia DOT
- Metropolitan Washington Airports Authority
- Washington Metropolitan Area Transit Authority
- Prince George's County, MD
- Howard County, MD

Contact Us

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