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# CV, Inc. Capability Statement

## INTRODUCTION:

**CV, Inc.** is a DBE/MBE/SBE firm established in 2009 providing surveying, engineering and support services. Being a small firm, **CV, Inc.** offers the unique advantage of a small firm owner-to-client accountability combined with impressive depth of experience, and resource capability to meet the project demands of any scope or size.

**CV, Inc.** services Maryland (MD), Northern Virginia (VA), District of Columbia (DC), Delaware (DE), and Southern Pennsylvania (PA).

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**NAICS:** 237110 237990  
541320 541330  
541340 541360  
541370 541380  
541620 562910  
541511 541512  
561990

**D&B:** 964989128

**CAGE:** 6YRW1

### **Certifications:**

- MDOT MBE/DBE/SBE
- SAM certified
- SBR certified
- Montgomery Co. MBE & LSBRP
- Prince George's County MBE
- Howard County DBE
- Baltimore City MBE
- Baltimore City Prequalified
- Baltimore Co. PW Prequalified
- Charles County MBE
- WSSC SLBE/SLMBE
- MNCPPC
- DDOT-WMATA (MWUCP) DBE
- MWAA LDBE/DBE
- VDOT DBE
- VDOT SBE (VSBEP)
- SWaM MS - Micro
- DelDOT DBE
- PennDOT DBE

STATE	SERVICED AREAS
MD	MDOT; WMATA; MDSHA; MdTA; MDE; WSSC; MNCPPC; MES; Cities of Baltimore, Bowie, Rockville, Gaithersburg, Hagerstown, Takoma Park; Baltimore, Harford, Prince George's (Approved Peer Reviewer), Montgomery, Anne Arundel, Carroll, Howard, Charles, and Frederick Counties
DC	WMATA; DDOT; DCRA; DC Water
VA	VDOT; WMATA; MWAA; Chesterfield, Fairfax, and Arlington Counties; Cities of Falls Church, Alexandria
DE	DelDOT; Wilmington, Newark, Middletown, New Castle
PA	Adams County; City of Harrisburg; Hamiltonban, Mechanicsburg Townships

**CV, Inc.** is equipped with the necessary resources for successful project execution:

**Human Capital – Registered Professionals:** PE, PLS, RLA, AICP, CFM, LEED®AP, DNR QP, EIT;

**Field Professionals:** SHA Traffic Control Manager, ATSSA Flagger, Drug Tested, Safety Trained, WMATA Cleared

**Engineering** - AutoCAD Civil 3D, Carlson, Microstation Inroads/Geopack, AUTOTURN, MS Office, TR-20/55/66, HEC-RAS, Structural software, SAP 2000, ENERCALC, PSBEAM, AASHTOWARE BrR-Bridge rating, Bentley gINT, QGIS, Adobe Creative Cloud Suite

**Surveying** - (3) Robotic Total Stations (Trimble S5 & S6 3" DR Plus; TOPCON GPT Series); (2) Spectra SP80 GNSS Receivers; (2) Ranger 3 w/Survey Pro etc., (1) Trimble TSC3 w/Survey Pro and Trimble Access, KeyNet GPS, Bentley Power Survey, Carlson Survey, (3) Ford f150 Trucks

**Subsurface Utility Engineering (SUE)** - (1) Model 8000 and (1) Model 8100 SPX Corporation Radiodetection PDL Precision Locator with a TX-10 transmitter, (2) Pipehorn Cable and Pipe Locator, (4) Subsurface Locator metal detectors, (1) Utiliscope 'Utilivac VE75' **Air/vacuum excavation** unit, (1) 90 lb. Pneumatic Jackhammer, (1) Pneumatic air-tamper, (1) Jameson 'Duct-Hunter' Traceable Duct Rodder, (1) Ford f150 Truck, (1) Dodge RAM Promaster 1500, (1) Chevy Express 2500

**Inspection/Testing** - Nuclear Gauge, Slump cone, Concrete Air meter, Photo-Ionization Detector (PID), Dynamic Cone Penetrometers (DCP) etc.

### **CAPABILITIES:**

- *Field Surveys (Topographic, R-o-W, Boundary, As-builts, Record Plats, Easements)*
- *Subsurface Utility Designation and Air Vacuum Test Holes*
- *Maintenance of Traffic (Design and Field Implementation)*
- *Structural Engineering (Site Structures, Vaults, Retaining Walls)*
- *Approach Roadway for Bridges*
- *Highway & Street Design*
- *Environmental Permitting/Services / Hazmat Services (ESA Phase I & II)*
- *Stormwater Management & Erosion and Sediment Control*
- *Water Resources Engineering/Floodplain Analysis/Drainage Investigations*
- *Rosgen Style and Coastal Plain Outfall (Step Pool Style) Stream Restoration*
- *Geotechnical Engineering*
- *Construction Inspection and Testing of Soils and Concrete/ CPM Schedules*
- *Water, Sewer and Storm Drain Design (New Systems/Relocation)*
- *Facilities Assessments and As-builts*
- *Landscape Architecture and Planting plans*
- *LEED, LID and ESD Designs for Sustainable Sites*
- *3<sup>rd</sup> Party PEER Reviews (Prince George's County DPIE)*

## MD SHA EXPERIENCE

**SHA AT0865182; TMDL Stormwater Facility Enhancements;** surveying

**SHA AT0898152; Water Quality Mitigation for TMDL Biotrench Facilities,** survey of LOD's, centerline of bio-trenches structures, cleanouts/observation wells, as- built, and as-built inspections

**SHA AW8965170; MD 404 Dualization – From East of MD 480 to Denton,** SWM construction inspection & as-built surveying

**SHA BCS 2012-19F; Engineering Design and Support and Construction Management Services;** engineering, construction management plus support

**SHA BCS 2011-04G; District 3 Survey and Engineering;** surveying, utility designation, engineering

**SHA BCS 2015-05E Statewide Design, Construction, and Program Support Services;** civil, geotechnical, utility designation, surveying

**SHA BCS 2015-06E, F, G; District 4 Survey and Engineering;** surveying, utility designation, engineering

**SHA BCS 2015-07C, D, F; District 7 Survey and Engineering;** surveying, utility designation, engineering, geotechnical, landscape architecture

**SHA BCS 2016-01B & C; District 6 Survey and Engineering;** surveying, utility designation, engineering, geotechnical, landscape architecture

**SHA BCS 2017-04C; District 1 Survey and Engineering;** construction inspection, civil, mot, planning, structural, utility designation, surveying

**SHA BCS 2018-07B; Facility Design Services SBR;** construction inspection, landscape, utility designation, surveying

**MDTA 2017-01A Comprehensive Preliminary Engineering & Final Design;** surveying, utility designation, utility coordination

**MDTA I-95 NB ETL Widening Project - MD 152 to MD 24;** surveying (aerial lidar survey)

**MDOT/MTA Purple Line;** surveying, utility designation, MOT

**SHA BA0535177, I-83;** Safety and Resurfacing Improvements, support

**SHA FR2255181, MD-75 and I-70 Park and Ride;** lot expansion

**SHA-3-MO-0870-17, WSSC BOA 5A16, Task 5;** soil boring, test pit on MD 410, permit, MOT

**SHA-3-MO-0945-17, WSSC BOA 5A16, Task 4;** air-vacuum test pit, pavement core, soil boring on MD 117, permit

**SHA-3-PG-0828-18, WSC BOA 7A13, Task 6;** soil boring, test pits, pavement cores on MD 501, permit

**SHA-3-PG-0827-18, WSSC BOA 7A13, Task 6;** soil boring, test pits, cut pavement cores on MD 410, permit

**SHA AX 3765E60; Paint Branch SWM Retrofit,** construction inspection, construction s/o & as-built certifications

**SHA No. 12-AP-PG-015-15, WMATA Landover Bus Garage - MD 410 (Veterans Parkway);** R/W improvements, permit

## CLIENT LIST

- State Highway Administration (MDSHA)
- McCormick Taylor, Inc.
- AB Consultants, Inc.
- Brudis & Associates, Inc.
- Century Engineering, Inc.
- Greenman-Pedersen, Inc.
- Pennoni Associates Inc.
- Rinker Design Associates, P.C.
- Rummel, Klepper & Kahl, LLP
- EBA Engineering, Inc.
- Johnson, Mirmiran & Thompson, Inc.
- Wallace Montgomery & Associates, LLP
- Suyash Consulting, LLC.
- Sabra Wang & Associates, Inc.
- The Wilson T. Ballard Co.

## REFERENCES:

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