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CV, Inc. Capability Statement

INTRODUCTION:

CV, Inc. is a multi-disciplined DBE/MBE/SBE firm established in 2009 providing 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. Our operation methodology is defined by three principles – Communication leading to Transparency; Training leading to Efficiency, and Innovation leading to Creativity.

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

STATE	AGENCY / SERVICE AREA
DE	DelDOT; Cities of Wilmington, Townsend, Newark, Woodside, Hartly, Hockessin, Rehoboth, Laurel, Montchanin, Middletown; New Castle, Kent, Sussex Counties

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

Staff

Registered Professionals: PE, PLS, PLA, AICP, PMP, AEP, CFM, LEED®AP, DNR QP, EIT, MARTCP

Field Professionals: SHA Traffic Control Manager, ATSSA Flagger, OSHA 10-hour Construction Safety and Health, and OSHA 8-hour Confined Space Certified; Drug Tested; WMATA Cleared; WSSC Background checked

Engineering - AutoCAD Civil 3D; AutoCAD 2018; Revit; Advance Steel; MicroStation Inroads/Geopack; AUTOTURN; MS Office; TR-20/55/66; HEC-RAS; Structural software; SAP 2000; ENERCALC; PSBEAM; AASHTOWARE Br- Bridge rating; Bentley gINT; QGIS; Open Roads Designer; Open Site Designer

Surveying - (3) Robotic Total Stations [(2)Trimble S5 - 3" DR Plus; (1) Trimble S6 - 3" DR Plus]; (3) Ranger 3 Data Collectors w/ Survey Pro Max.; (1) Trimble TSC3 w/Survey Pro Max and Trimble Access; (3) Spectra SP80 GNSS Receivers; (1) Trimble DiNi Digital Level; (4) Auto Levels; KeyNet VRS Network subscription; (4) Schoenstedt Maggie detectors; Bentley Power Survey, Bentley Power InRoads; Bentley Open Roads Designer (ORD); AutoCAD Civil 3D; Carlson Survey; (2) Chevrolet Colorado trucks; (1) Chevrolet Silverado 1500 Truck; (1) Chevrolet Equinox

Subsurface Utility Engineering (SUE) - (3) Model 7200 SPX Radiodetection PDL Precision Locator; (1) Model 8000 SPX Radiodetection PDL Precision Locator; (3) Model 8100 SPX Radiodetection PDL Precision Locator; (7) Radiodetection TX-10 transmitters; (4) Pipehorn Cable and Pipe Locator; (1) GSSI UtilityScan Ground Penetrating Radar; (1) Metrotech 810 RF Line Locator; (2) Schonstedt MAGGIE Metered Magnetic Locator; (1) Subsurface Instruments Magnetic Locator; (1) Utiliscope Utilivac VE75 air/vacuum excavation unit; (1) Rotair D425T4F Compressor; (1) Utility AirSpade 4000 225 cfm; (2) Forensics Detectors Multi Gas Detectors; (1) Forensics Detectors Air Sampling Pump; (1) Masters MB-P0813-DC25 Confined Space Fan; (1) PK Safety Tripod Rescue System; (1) Hilti DD15-U Coring Drill; (1) Toku TPB-90 Pneumatic Jackhammer; (1) Toku T-6 Pneumatic Backfill Tamper; (1) Jameson 'Duct-Hunter' Traceable Duct Rodder; (1) Dodge RAM Promaster 1500 Van; (2) Chevrolet Trax SUV; (3) Chevrolet Colorado Truck; (1) Chevrolet Silverado 1500 Truck

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

Business Support:

Power BI; Draw.IO; Google Analytics; MS Visio; MS Project; Jira

Graphic Support:

AutoCADD; Photoshop; Illustrator; InDesign; SketchUp

Teaming Opportunities Contact:

Anita Rappoport

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Principal-in-Charge Contact:

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

D&B: 964989128

CAGE: 6YRW1

Certifications:

- DeIDOT DBE
- MDOT MBE/DBE/SBE
- SBR certified
- Baltimore City MBE
- Baltimore City Prequalified
- Baltimore County Prequalified
- Charles County MBE
- Howard County DBE
- Montgomery County MFD/LSBRP
- Prince George's County MBE
- WSSC SLBE/MBE (SLMBE)
- DDOT-WMATA (DCUCP) DBE/SBE
- MWAALDBE/DBE
- VDSBSD DBE/MBE/SWaM
- VDOT VSBEP SBE
- PennDOT DBE
- SAM certified
- DcWater Vendor
- MNCPPC Vendor



CAPABILITIES:

- Field Surveys (Topographic, Boundary, As-builts, Record Plats, Easements)
- Utility Designation and Air Vacuum Test Holes
- Environmental Services (Wetlands, NRI/FSD/TCP, etc.)
- Hazmat Services (ESA Phase I – IV; Lead & Asbestos Sampling)
- Geotechnical Engineering
- Structural Engineering (Bridges, Site Structures, Vaults, Retaining Walls)
- Water, Sewer and Storm Drain Design (New Systems/Relocation)
- Water Resources Engineering/Floodplain Analysis/Drainage Investigations
- Stormwater Management & Erosion and Sediment Control
- Construction Inspection and Testing of Soils and Concrete / Construction Scheduling
- Landscape Architecture and Planting plans
- Rosgen Style and Coastal Plain Outfall (Step Pool Style) Stream Restoration
- Facilities Assessments and As-builts
- *LEED, LID and ESD Designs for Sustainable Sites*

WORK EXPERIENCE

- DeIDOT
 - Topographic Surveying
 - SUE
 - Right-of-Way Plats and Easements
- WMATA (Yards, Bus Garages, etc.)
- Educational Facilities
- Churches
- Residential Development
- Commercial Buildings
- Office Buildings; Industrial Parks (Warehouses)
- Retail Development
- Concrete Plants

REFERENCES:

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CURRENT DeIDOT CONTRACTS

DeIDOT 1791, Pedestrian Access Routes Design, Pavement Management And Review Services -
Surveying, Property Surveying

- Task 1: Concord Pike and Naamans Road Pedestrian Improvements (PAR)
- Task 2: Old Baltimore Pike Pedestrian Improvements
- Task 2: Bridge 1-406 on N430 Brick Mill Road over Dove Nest Branch

DeIDOT 1863F Road Drainage Improvement – Topographic Survey, Subsurface Utility Designation, Drainage, H&H

- Task 3: Brackenville Rd Drainage Improvement

DeIDOT 1813F Bridge Design Open End - Surveying, Subsurface Utility Designation & Coordination

- Task 5A: Bridges 1-447 Taylor Bridge RD over Blackbird Creek
- Task 6A: BR 1-391 & 1-392 on N24 Silver Run RD over Appoquinimink River
- Task 9: Bridges 1-242 1-362 & 1-406
- Task 10: Bridge 1-451 on MR 455 Blackbird Landing RD

DeIDOT 1837F Transportation Alternative Program (TAP) Services - Surveying, Subsurface Designation & Test Pits, Engineering

- Task 1: Woodside Sidewalk Improvements
- Task 8: Eisenberg Elementary School
- Task 9: McCullough Middle School
- Task 1: Hartly Phase 2 North and South
- Task 1 subtk 10 location 2020-04 Valley Road
- Task 1 subtk 10 location 2020-18 Rehoboth State Road Survey
- Task 5 Laurel Shared-Use Path, Phase 2
- Task 7 Brenford Road Pathway Design (Benford and Big Oak Roads)
- Task 18.106A New Castle Avenue Area Sidewalk and Streetscape

DeIDOT Pipe Culvert Design Build – Surveying

DeIDOT 1970F Bridges and Structures Design - Surveying

- Task 2: Replacement of Bridges 1-070, 1-071 and 1-072 in Montchanin
- Task 4, Replacement of Bridges 1-185
- Task 5 Replacement of Bridges 1-183, 1-615 and 1-616, T201807102
- Task 6, Bridge 1-162
- Task 10, SR9 Bridge Replacements: Bridges 1-305, 390, 391, and 392

DeIDOT 1980S Project Development & Design Services - Surveying, Subsurface Designation & Test Pits, Engineering

- Task 1,SR4 - Harmony Road Intersection Improvements

DeIDOT 2006F Project Development and Design Services – Surveying

- Task 1 Route 9 (SR9) Corridor

DeIDOT 2028F Dam Preservation Design – Surveying, Environmental, Permitting

DeIDOT 2046F Bridges and Structures Design Services – Surveying, Civil

- Task 2 Statewide Scour Countermeasures
- Task 3 Br 1-640 on SR2 Kirkwood Hwy



DeIDOT 1955F Pedestrian Access Routes and Pavement Rehabilitation Management Design and Review Services – Surveying

- Task 6 SR4 Side Path Gap
- Task 5 Old Baltimore Pike Pedestrian Improvements

DeIDOT 2061F ATCC Consultant Services – Surveying, SUE

DeIDOT 2062F ATCC Consultant Services – Surveying, SUE

DeIDOT CLIENT LIST

- Delaware Department of Transportation (**DeIDOT**)
- Pennoni Associates, Inc.
- Rossi Transportation Group, Inc.