

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME <b>Eric Risner, PLS, IAM, PMP</b>	13. ROLE IN THIS CONTRACT <b>Project Manager</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>11</b>

15. FIRM NAME AND LOCATION (City and State)  
 **Woolpert New York, LLC (Dayton, Ohio)**

16. EDUCATION (DEGREE AND SPECIALIZATION) <b>Certificate, Engineering Technologies</b>	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Professional Land Surveyor, WV #2152, KY #3887 Project Management Professional, National #1618077 Certified Asset Manager, International #1025573</b>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

A licensed professional surveyor in multiple states, a Project Management Professional (PMP), and certified in Asset Management by the Institute of Asset Management (IAM), Eric Risner plays an active role in aeronautical surveying and mapping processes, as well as re-engineering and workflow improvements to gain efficiencies and provide superior end products for our clients through customized software engineering, improved project instruction, and a disciplined quality control program. Eric also works with the FAA and Woolpert in-house subject matter experts, on continual process improvements to the functionality of the AGIS web portal and workflows associated with submitting a variety of GIS datasets for review and approval. Eric's experience includes considerable expertise in new data collection and converting legacy datasets from various coordinate and CAD/GIS references into FAA standards as required by Advisory Circulars 150/5300-16, 17, and 18.

As the Manager for numerous aviation-specific geospatial related projects, Eric is skilled in all aspects of the aeronautical survey process starting with the necessary preparation tasks to developing the final AGIS and AC compliant deliverables. As one of the first consultants nationally to receive their FAA IDLE Level 3 certificate, Eric has been involved in the Airports GIS program since its inception. Eric has completed more than 400 projects within the Airports GIS including Master Plan/eALP projects, Construction Airside projects, Instrument Procedure Development Surveys, Pavement Rehabilitation Surveys, Engineering Brief #91 tree removal surveys, and establishment of Primary and Secondary Airport Control Stations (PACS/SACS).

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>Rickenbacker Int'l Airport (LCK) Master Plan/eALP Columbus, Ohio</b>	<b>2018</b>	<b>N/A</b>
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager responsible for review of non-safety critical mapping materials, 18B obstruction analysis data, and AGIS status report. As a subconsultant to Michael Baker, Woolpert collected and developed GIS data in compliance with FAA Advisory Circulars (AC) 150/5300-16A, -17C, and -18B. Prior to commencement of fieldwork, plans for completing the data collection, analysis, and deliverable development to the AGIS were submitted to the FAA's Airports GIS web portal. The datasets delivered were utilized to achieve two objectives of the client, Columbus Regional Airport Authority (CRAA). Firstly, to develop robust geospatial databases for use as the backbone of an updated airfield basemap, and secondly, to simultaneously develop federal FAA Airports GIS (AGIS) compliant deliverables for approval by the FAA. Fee: \$188,118	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>On-Call Airport Survey &amp; Mapping Contract, TxDOT Statewide Texas</b>	<b>2018</b>	<b>N/A</b>
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager responsible for coordinating with the team on acquisition status, reviewing AGIS deliverables, and revising photos and drawings to include aerial enlargements. Our master contract with TxDOT is to conduct aeronautical surveys, provide airport airspace and obstruction analysis, and produce electronic airport layout plans in accordance with FAA Advisory Circulars 150/5300-16, -17, -18B and following the ALP procedures in ARP Standard Operating procedures 2.0. For new or updated Instrument Procedure Development Surveys (IPDs) and electronic Airport Layout Plans (eALPs) at these airports, Woolpert routinely leverages existing obstacle or base mapping from the FAA or TxDOT. Fee: \$627,111	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>Norwalk-Huron County Airport (5A1) Obstructions/ALP Norwalk, Ohio</b>	<b>2017</b>	<b>N/A</b>
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Manager who coordinated the survey schedule, developed project plans, and updated final reports to deliver to AGIS. As a subconsultant to Michael Baker, Woolpert updated Norwalk-Huron County's Airport Layout Plan through a Vertically Guided Instrument Approach survey for existing Runway 10/28, planimetric/topographic mapping of the project site, and obstruction analysis for FAR Part 77 Obstruction Identification Surface for approaches 10 and 28. Imagery was collected at an average ground sample distance of 0.5 feet, within the limits as defined by the airport Airspace Analysis Surface (AAAS) limits for vertically guided runways. Obstacles were collected following the Object Density Selection Criteria within AC-18B. Safety critical data was successfully delivered to the client. Fee: \$71,000	[X] Check if project performed with current firm	

## Derek Walton

### CADD Technician

Derek Walton has a strong background as a Civil Engineering Technician who specializes in the development of AutoCAD design plans. He routinely prepares highway plans from data collection to final design on projects; some of his key clients are INDOT, Indiana Department of Public Works, and Indiana Department of Code Enforcement. Since coming to Woolpert, Derek has played a role in several airport survey and construction projects.

Derek effectively manages and translates electronic files for large transportation projects and prepares files for electronic submission to clients. As a member of the Woolpert's team he mostly develops preliminary designs, plans, and data shortcuts. Prior to joining Woolpert, Derek worked on multiple road and utility projects in the state of Indiana. Derek is proficient in Microsoft Office, AutoCAD/ Civil 3-D, Microstation, Geopak, InRoads, and ArcGIS.

### Project Experience

**BFR Parallel Taxiway A Design, Lawrence County BOAC—Bedford, Indiana.** The Lawrence County BOAC selected Woolpert to provide preliminary design services for the proposed construction of the parallel Taxiway A at Virgil I. Grissom Municipal Airport (BFR). The taxiway will be designed as a full parallel but divided into a base and additive bid. Woolpert provided bidding administration, and prepared preliminary and schematic estimates and drawings for submittal to appropriate agencies. A consultant was retained to prepare an archaeological wetlands assessment to support an environmental FAA Categorical Exclusion. Existing survey and record drawings obtained during previous projects will be utilized to obtain layout geometrics, utility locations, and vertical control. Woolpert coordinated the existing and future aircraft fleet mix with the airport to ensure proper pavement design methods were enforced based on appropriate aircraft loadings and operations.

**I42 Runway 2-20 Extension—Paoli, Indiana.** CADD Technician responsible for plan production and set up for divisions A and B, setting data shortcuts, and project scope preparations. Woolpert provided construction services to Paoli Municipal Airport (I42) to complete Phase 3 of the 2-20 runway extension and Phase 4 Design and Bidding services. Specifically, Woolpert assisted in the construction of VMSEW from Elev. 781.5 (Row 40) to Elev. 804.0 (Row 54), temporary soil erosion control, temporary and permanent seeding and mulching, and unclassified excavation and embankment of interior of VMSEW, while minimizing impacts to the airport users during construction.

**CVG CONRAC Phase 2, KCAB & PGAL—Hebron, Kentucky.** CADD Technician who developed plan sheets, detailed revisions, and performed border adjustments. Woolpert was contracted to assist in this process by developing roadway and elevated structure concept plans and detailed cost estimates. The roadway layout was developed based on the conceptual layout of the CONRAC facility. The roadway geometrics were developed in accordance with Kentucky Transportation Cabinet Department of Highway Standards so the full extent of the improvement limits could be determined. Design speed, merging and turning movements were analyzed to provide a roadway system to support the CONRAC and provide access to the Terminal Area. Construction phasing was reviewed and measures incorporated into the design to maintain vehicular traffic to the departure (upper) level and arrival (lower) level of Terminal 3 throughout construction.

### Professional Data

#### Experience

11 years

#### Education

Bachelors of General Studies, Geography Minor, Indiana University, 2016

Associates of Science, Design Technology, Ivy Tech State College, 2007

Associates of Science, General Studies, Ivy Tech State College, 2007

#### Training and Certifications

Certificate of Geographic Information Science, Indiana University, 2016

Resident Project Representative, ACEC, Indianapolis Indiana, 2016

#### Professional Registration

INDOT Certified Technician 290779

#### Professional Membership

Indiana Geographic Information Council (IGIC)

Autodesk User Group International (AUGI)

#### Awards

Technical Project Excellence Award, CMT Inc., Chicago Dept. of Water Mgmt.

Base Topo, 2012

Technical Project Excellence Award, CMT Inc., Georgia Streetscape Improvements, 2013

Technical Project Excellence Award, CMT Inc., World Sports Park, 2014

**Countywide Asset Management Plan—Fountain County, Indiana.** CADD Technician tasked with utilizing GIS software to combine roadway Paser rating data collected by the county and merging it with the State Roadway Centerline database to create asset management maps and exhibits to be included in the Community Crossing state grant proposal resulting in a \$348,952.00 grant for the county. *(Prior to Woolpert)*

**Department of Water Management Building Replacement—Chicago, Illinois.** CADD Technician responsible for generating construction plan and detail sheets for the replacement of Chicago's aging water infrastructure as well as digitalizing city topography records. The design and drafting process required using existing city and utility company records to locate and map out all underground utilities including water, sewer, electrical, natural gas, telephone, and other buried utilities. Work is ongoing. *(Prior to Woolpert)*

**Water Main Replacement, City of Lebanon Utilities—Lebanon, Indiana.** CADD Technician who participated in surveying and drafting of Lafayette Avenue from Sam Ralston/Riley Road to Chicago Street for the purpose of replacing the existing water main and extending it further down Lafayette Avenue. *(Prior to Woolpert)*

**Route 46 Water Main Relocation, City of Columbus Utilities—Columbus, Indiana.** CADD Technician who provided drafting support for Route 46 water main relocation. *(Prior to Woolpert)*

**Central Illinois Regional Airport Renovations—Bloomington-Normal, Illinois.** CADD Technician responsible for supporting the drafting and creation of a sheet set for an upgrade to the perimeter fence at Central Illinois Regional Airport. Derek also created and revised the site plan sheet, construction activity plan sheets, proposed fence plan sheets, and detail sheets. *(Prior to Woolpert)*

**McConnell Air Force Base Runway Repairs— Wichita, Kansas.** CADD Technician who creation sheets for improvements and repairs to the west runway, as well as developed and revised paving plan and profile sheets. *(Prior to Woolpert)*

**Indy GO—Indianapolis, Indiana.** CADD Technician responsible for designing, drafting, and planning production of the Indy Go Red Line Maintenance of Traffic sheets and Signal Sheets for the major Indianapolis North/South BRT corridor. *(Prior to Woolpert)*

**Project Grissom Aeroplex Utilities—Peru, Indiana.** CADD Technician tasked with drafting of civil, mechanical, and structural sheets that include plan, section, and detail views for the vertical loop reactor, aeration tank, RAS pump station, interchange tank, disinfection structure, headworks, site piping, and erosion control at the Grissom Aeroplex service area wastewater treatment plant. Improvements made for water plant expansion to increase plant volume. *(Prior to Woolpert)*

**Spring Creek Wastewater Treatment Plant Improvements, Springfield Metro Sanitary District— Springfield, Illinois.** CADD Technician responsible for drafting of structural sheets included the plan, section, and detail views for the primary clarifiers, primary diversion structure, secondary clarifiers, secondary diversion structure, utility rooms, access corridors, and activated sludge tanks for Phase 3, Spring Creek wastewater treatment plant improvements for expansion to increase plant volume. *(Prior to Woolpert)*

**Park Street 3 MG Water Storage Tank Installation—Carbondale, Illinois.** CADD Technician who drafted design for the new Park Street 3 MG water storage tank and water main extension, including general notes, site plan, storage tank plan and details sheets, water main identification and location plans. *(Prior to Woolpert)*

### **Department of Public Works Experience**

**Shelby/ Madison Bike Lane, Department of Public Works—Indianapolis, Indiana.** CADD Technician tasked with drafting, design, and RPR. This project included the resurfacing of Shelby Street, curb and sidewalk repairs, traffic signal loops and signage. *(Prior to Woolpert)*

**Georgia Street Improvements, Department of Public Works—Indianapolis, Indiana.** CADD Technician responsible for the creation and drafting of the utility plan sheet, sanitary sewer plan and profile sheets, as well as the sanitary sewer detail sheets. The project included working with Ratio Architects to recreate Georgia Street into a pedestrian mall and to be highlighted as the Super Bowl Village. *(Prior to Woolpert)*

**Resurfacing in Center Township, Department of Public Works—Indianapolis, Indiana.** CADD Technician who provided design, field verification, and engineering support. This project included resurfacing downtown streets, replacing non-compliant ADA ramps, spot repair curb and sidewalk, repair loose bricks and pavement markings in preparation for the Super Bowl. Streets included East, Illinois, Meridian, Pennsylvania, and South streets. *(Prior to Woolpert)*

**Post-Rawles Sewer Tank Elimination, Department of Public Works—Indianapolis, Indiana.** CADD Technician responsible for drafting, design, and RPR. Production of as-built plan set of sanitary sewer improvements. Provided a set of as-built plans for the Post-Rawles Sewer Tank Elimination Project, which included the installation of a sanitary sewer system to replace aging septic systems in the Indianapolis area. *(Prior to Woolpert)*

**County-wide Alley and Pavement Repair, Department of Public Works—Indianapolis, Indiana.** CADD Technician who used the PASER rating system to evaluate the conditions of alley ways throughout Indianapolis. *(Prior to Woolpert)*

**Indy Access Curbs, Sidewalks, and Ramps, Department of Public Works—Indianapolis, Indiana.** CADD Technician responsible for drafting, design, and RPR. The project spanned across Center, Perry, Lawrence, and Warren townships and included ADA ramps, curbs, and sidewalk improvements with limited resurfacing and pavement markings. *(Prior to Woolpert)*

### *InDOT Experience*

**FAI Route 57 Bridge over Lake Creek Branch, Indiana Department of Transportation (INDOT)—Fairfield County, Indiana.** CADD Technician tasked with providing drafting, design, and engineering support. Project included plan production for bridge over I-69 and included changes to CR 100 West, 1200 North, and 700 East. *(Prior to Woolpert)*

**I-65 and Worthsville Road Interchange, INDOT—Johnson County, Indiana.** CADD Technician responsible for plan production, drafting designs, and engineering support for a Diverging Diamond Interchange including the production of Typical Sections, MOT, Cross Sections, Plan and Profile, Super Elevation Details, Construction Details, Grading Details, and Erosion Control sheets. *(Prior to Woolpert)*

### *Dept. Of Code Enforcement Experience*

**Sanders Elementary School Storm and Sanitary Sewers, Department of Code Enforcement—Marion County, Indiana.** Project included the installation of storm and sanitary sewers to accommodate the addition of a new wing of the building. *(Prior to Woolpert)*

**Old Dominion Lot Expansion, Department of Code Enforcement—Marion County, Indiana.** Project included the expansion of the existing storm sewer infrastructure to accommodate increase flow. *(Prior to Woolpert)*

**City Way Complex, Department of Code Enforcement—Marion County, Indiana.** Project included the installation of storm and sanitary sewer infrastructure to service a new multi-purpose complex that will include store fronts, apartments, and a hotel. *(Prior to Woolpert)*

**Eli Lilly Parking Improvements, Department of Code Enforcement—Marion County, Indiana.** Project included the installation of a new storm sewer system to handle an increased capacity and an underground retention and infiltration system to reduce flow into overall storm water system. *(Prior to Woolpert)*