JAMES R. LONG, P.E.

EDUCATION

MS in Public Works Engineering, George Washington University, 1984.
MS in Engineering Management, Air Force Institute of Technology, 1981.
BS in General Engineering, Syracuse University, 1980.
BS in Environmental Engineering, State University of New York, 1980.

CAREER HISTORY

Over nineteen years of progressively responsible design and project management experience on a wide variety of public works and land development projects. Personally supervised professional design staffs of various sizes in the preparation of various types of reports, technical studies, engineered plans, specifications, and cost estimates. Representative projects include the following:

HIGHWAY ENGINEERING

- Maryland Route 7 at Abingdon Road Intersection Reconstruction (MSHA), Harford County, MD
- U.S. Route 1 Reconstruction (MSHA), Baltimore County, MD
- Backlick Road (Route 617) Improvements (VDOT), Fairfax County, VA
- I-95 Resurfacing (MSHA), Prince Georges County, MD
- I-81 Improvements Study (VDOT), Washington, Smyth, and Wythe Counties, VA
- MD Route 26 at Beltway Ramp A Improvements (MSHA), Baltimore County, MD
- Relocated MD Route 216 (MSHA), Howard County, MD
- U.S. Route 48 Ramp Improvements (MSHA), City of Cumberland, MD
- U.S. Route 219 Repair and Resurfacing (MSHA), Garrett County, MD
- MD Route 355 Resurfacing (MSHA), Montgomery County, MD
- Franconia Spur Segment (VDOT), Fairfax County, VA
- Tysons Transit Center (VDOT-ISTEA), Fairfax County, VA
- Lorton Road (Route 642) Improvements (VDOT), Fairfax County, VA
- Elizabeth River Tunnels Retrofit (VDOT), City of Portsmouth, VA
- Michigan Forest Highway #16 Reconstruction (FWHA), Iron and Houghton Counties, MI
- McIntire Road Extension (VDOT), City of Charlottesville, VA
- East Ridgeville Road Realignment, Town of Mount Airy, MD
- MD Route 42 Truck Pull-Over Lane (MSHA), Garrett County, MD
- Van Ness Street Improvements, Washington, DC
- MD Route 543 at Riverside Parkway Interchange, Harford County, MD
- O'Donnell Street Viaduct Reconstruction, City of Baltimore, MD
- Auth Road (METRO) Access Improvements (MSHA), Prince Georges County, MD
- MD Route 201 Streetscape Improvements (MSHA), Prince Georges County, MD
- I-495 Reconstruction and Overlay (DelDOT), New Castle County, DE
- MD Route 313 Repair and Resurfacing, Dorchester County, MD

TRAFFIC ENGINEERING

- 1998 High Accident and Congestion Analysis, Montgomery County, MD
- 1996 School Zone Traffic Control Update (MSHA), Frederick and Carroll Counties, MD
- Gallows Road at U.S. Route 29 Grade Separation Study, Fairfax County, VA
- U.S. Route 40 Sign Inventory and Inspection (MSHA), Harford County, MD
- Battlefield Parkway Route Selection Study, Town of Leesburg, VA
- MD Route 18 at U.S. Route 50 Sign Plans (MSHA), Queen Annes County, MD
- US Route 50/ US Route 13 Interchange Signage Improvements, (MSHA), Wicomico County, MD
- MD Route 97 at McKendree Road Signal Warrant Study (MSHA), Howard County, MD
- MD Route 180 at Butterfly Lane Traffic Signal Design (MSHA), City of Frederick, MD
- Silver Spring CBD Intersection Improvement Study, Montgomery County, MD
- Summit Avenue Streetscape Study, City of Gaithersburg, MD

BZA
CASE No. 16559
EXHIBIT No. 458

Board of Zoning Adjustment
District of Columbia
CASE NO.16559
EXHIBIT NO.458

DRAINAGE & STORMWATER MANAGEMENT	- U.S. Route 50/301 at Cape St Claire Road Extended Detention Pond, Anne Arundel County, MD - Whitfield Chapel Road Storm Drain Extension, Prince Georges County, MD - Suitland Road Stream Channel Stabilization, Prince Georges County, MD - Mantua and Eakin Parks Drainage Improvements (FCPA), Fairfax County, VA - Elko Drive Storm Drainage Improvements, Howard County, MD - Quantico National Cemetary Drainage Improvements, Prince William County, VA - Garber Facility SWM Pond Retrofit Project, Smithsonian Institution, Prince Georges County, MD - Alexandria Drive Stream Channel Restoration, Prince Georges County, MD - Various Phase 1 and Phase 2 Bridge Scour Assessments (VDOT), Statewide - SERC Core Area Stormwater Management System, Anne Arundel County, MD - Lovell Court Infiltration Basin, Saint Marys County, MD - Elko Drive Storm Drain System Retrofit, Howard County, MD - Walker Avenue Drainage Improvements, City of Gaithersburg, MD - Kettering Wetland Creation and Stream Dechannelization Project, Prince Georges County, MD - Salisbury Bypass E&S Control Plans (Contracts 1,2, & 3), Wicomico County, MD - Southgate Road Drainage Improvements, Arlington County, VA - Dark Branch Fish Passage Project, Montgomery County, MD - Bravo Ramp Phase II Drainage Improvements, Dulles International Airport, VA
FEDERAL & MILITARY PROJECTS	- Blair House Sidewalk Reconstruction, White House Projects Office, Washington, DC - MCP FY 1996 Dormitory Construction, Andrews AFB, Prince Georges County, MD - New Athletic Center Parking Lot, Fort Myer, Arlington County, VA - New 459th Reserves Medical Training Facility, Andrews AFB, Prince Georges County, MD - National Executive Route Parking and Landscape Improvements, Andrews AFB, Prince Georges County, MD - New V-22 Aircraft Testing Facility, Saint Marys County, MD - Medal of Honor Memorial Park, Bolling AFB, Washington, DC - IRS Headquarters Courtyard Reconstruction, Washington, DC - Repair Riverfront Access Roadway at NSWC, Saint Marys County, MD - New Census Bureau Supercomputer Facility, Anne Arundel County, MD - USGS Headquarters Paving and Drainage Repairs, Fairfax County, VA - OEOB/NEOB Pedestrian Tunnel Study, Washington, DC - Replace Main Rhode River Dock, Smithsonian Institution, Anne Arundel County, MD - Virginia Avenue Reconstruction, Andrews AFB, Prince Georges County, MD - New Vaccine Research Center, National Institutes Of Health, Montgomery County, MD
STATE & COUNTY PROJECTS	- New Quince Orchard Library, Montgomery County, MD - Elk Neck State Park Shoreline Stabilization, Cecil County, MD - Accotink Creek Hiker Biker Trail and Fairweather Stream Crossing, Fairfax County, VA - Fairland Mixed Use Facility (Library and Park-n-Ride Lot) Feasibility Study, Montgomery County, MD - EMOC Site Reconstruction Project, Montgomery County, MD - Westminster Police Barracks, Carroll County, MD - U.S. Route 1 Roundabout Study, City of Mount Rainer, MD - Sligo Creek Parkway Reconstruction, Montgomery County, MD - Reichs Ford Road Realignment, Frederick County, MD - Bowie Library Reconstruction, Prince Georges County, MD - Midway Branch Fish Ladder, Anne Arundel County, MD - West Diamond Avenue Extension, City of Gaithersburg, MD
MILITARY SERVICE	Completed 5 years of service in the U. S. Air Force as a Civil Engineering Officer. Honorably discharged with the rank of Captain.
PROFESSIONAL DEVELOPMENT	Registered Professional Engineer in Maryland, Virginia, West Virginia and the District of Columbia. Member of American Society of Civil Engineers and Society of American Military Engineers.