

County Council of Howard County, Maryland

2026 Legislative Session

Legislative day # 5

RESOLUTION NO. 45 - 2026

Introduced by: Chairperson at the request of the County Executive

Short Title: Appointment – Maryam Fathirad, PMP - Public Works Board

Title: A RESOLUTION confirming the appointment of Maryam Fathirad, PMP, to the Public Works Board.

Introduced and read first time on April 6, 2026.

By order

Michelle Harrod
Michelle Harrod, Administrator to the County Council

Read for a second time and a public hearing held on April 20, 2026.

By order

Michelle Harrod
Michelle Harrod, Administrator to the County Council

This Resolution was read the third time and was Adopted , Adopted with amendments , Failed , Withdrawn by the County Council on May 4, 2026.

Certified by

Michelle Harrod
Michelle Harrod, Administrator to the County Council

NOTE: [[text in brackets]] indicates deletions from existing language; TEXT IN SMALL CAPITALS indicates additions to existing language. ~~Strike-out~~ indicates material deleted by amendment; Underlining indicates material added by amendment.

Maryam Fathirad, PMP

Lead Consultant | Project Controls & Construction Project Manager

Fulton, MD - 20759

Professional Experience

WSP USA Inc. | Baltimore, MD

Lead Consultant / Project Controls & Construction Project Manager; *April 2025 - Present*

- Lead project controls and management for multiple city and county capital improvement projects, including major water and wastewater infrastructure assignments under on-call contracts.
- Manage project schedules, budgets, cash flows, and forecasts using **Primavera P6**, **MS Project**, and **Unifier**, ensuring alignment with CIP goals and PMPs.
- Serve as Project Manager for **SC 992 (Back River Egg-Shaped Digester Rehabilitation)** and **SC 938 (Patapsco Headworks Improvements)**, overseeing contractor compliance, submittal reviews, progress reporting, and risk tracking.
- Analyze cost variances, coordinate change order processing, and lead monthly progress and risk review meetings with DPW and DC Water stakeholders.
- Prepare proposal content, organizational charts, and proposal sections for competitive municipal pursuits.
- Mentor inspectors and project coordinators and provide leadership on scope reviews, design deliverables, and contractor claims resolution.

Turner & Townsend Heery (CBRE) | Landover, MD

Construction Project Manager; *May 2022 – March 2025*

- Managed project controls and construction oversight for the **Mattawoman Wastewater Treatment Plant under the Charles County Department of Public Works (DPW)**, delivering critical upgrades to water treatment infrastructure.
- Audited and maintained comprehensive contract documentation including RFIs, change orders, submittals, pay applications, contractor correspondence, safety reports, and as-built drawings to ensure compliance with project requirements.
- Led the development of project charters and **RACI matrices** to clarify authority and responsibility across multidisciplinary teams.
- Developed and issued formal **RFPs for design and construction services**, coordinated procurement, and negotiated bid packages with subcontractors and vendors.
- Performed cost and schedule analysis using **MS Project**, identifying risks and recommending corrective actions to maintain key in-service delivery dates.
- Reviewed contractor claims and change order requests, provided cost impact analysis, and made recommendations for county approval.
- Assessed contractor schedules, including prelim design and **Schedule of Values (SOV)**, confirming alignment with project milestones and budget constraints.

- Participated in site walkthroughs, pre-bid meetings, and design/construction review sessions, ensuring scope alignment and readiness for execution.
- Facilitated client, contractor, and stakeholder meetings; resolved engineering issues and provided clear direction to maintain workflow.
- Conducted monthly progress reviews, variance reporting, risk assessments, and prepared customized reports for the program manager to support CIP tracking.

JMT, Johnson, Mirmiran & Thompson, Inc | Hunt Valley, MD

Project Engineer / Construction Scheduler; *December 2019 – May 2022*

- Supported project controls and construction scheduling for municipal transportation and federal building projects in collaboration with DOT and NIH teams.
- For the **Edmonson Avenue Bridge Rehabilitation (Baltimore DOT)**, audited comprehensive contract documentation including RFIs, change orders, contractor submittals, construction estimates, safety reports, and as-built drawings to ensure compliance with project specifications.
- Generated cost estimates, meeting minutes, and maintained workflow tracking using the **CM14 project control system**, ensuring timely communication and documentation for project completion.
- Managed payment applications and workflow processing for the **City of Philadelphia Rebuild Program** using **Oracle Unifier**, improving transparency and accuracy in reporting.
- Played a key role in the DOT Unifier Implementation Program, documenting user requirements and system workflows, conducting needs analysis, and integrating feedback to improve the Oracle-Primavera Unifier project management system.
- Contributed to schedule and cost analysis for **the NIH Building 10 E-Wing Renovation** a \$186 million, 13-story interior renovation by reviewing labor productivity, certified payrolls, and resource allocations to support construction management and cost-control decisions.

Bakers Engineering Services, Inc | Baltimore, MD

Geographic Information System (GIS) Analys; *October 2016 – December 2019*

- Supported project management and engineering teams for the **Baltimore DOT Conduit Division**, integrating GIS data with infrastructure project planning and asset management.
- Leveraged **ArcGIS and AutoCAD** to design and draft conduit system maps, incorporating data from multiple sources to support engineering assessments and utility coordination (BG&E, Comcast, etc.).
- Conducted **complex spatial analysis using SQL** to identify geospatial trends, infrastructure conflicts, and provide data-driven recommendations for DOT operations and maintenance.
- Performed quality control audits for both field and office data, ensuring accuracy and alignment with DOT standards and project requirements.
- Collaborated with multidisciplinary engineering teams to prepare and coordinate design plans, interpret drawings, and evaluate potential impacts to the conduit system.
- Managed and optimized GIS databases and enterprise tools (**Cityworks, ESRI applications, Activity Manager**), ensuring reliable access, version control, and user adoption across project functions.
- Delivered technical training to inspectors, supervisors, and office staff on GIS tools, system functionalities, and project workflows, improving data accuracy and reporting productivity.
- Applied problem-solving techniques to troubleshoot database discrepancies, data bottlenecks, and stakeholder needs, enhancing the reliability and integrity of infrastructure datasets.

Education

Master of Science in Engineering Management

The George Washington University, Washington, DC

Bachelor of Science in Architectural Engineering

University of Tehran, Iran – July 2008

Certifications

- Project Management Professional (**PMP**)
- MDE Sediment & Erosion Control Certification
- Safety & QA/QC Training