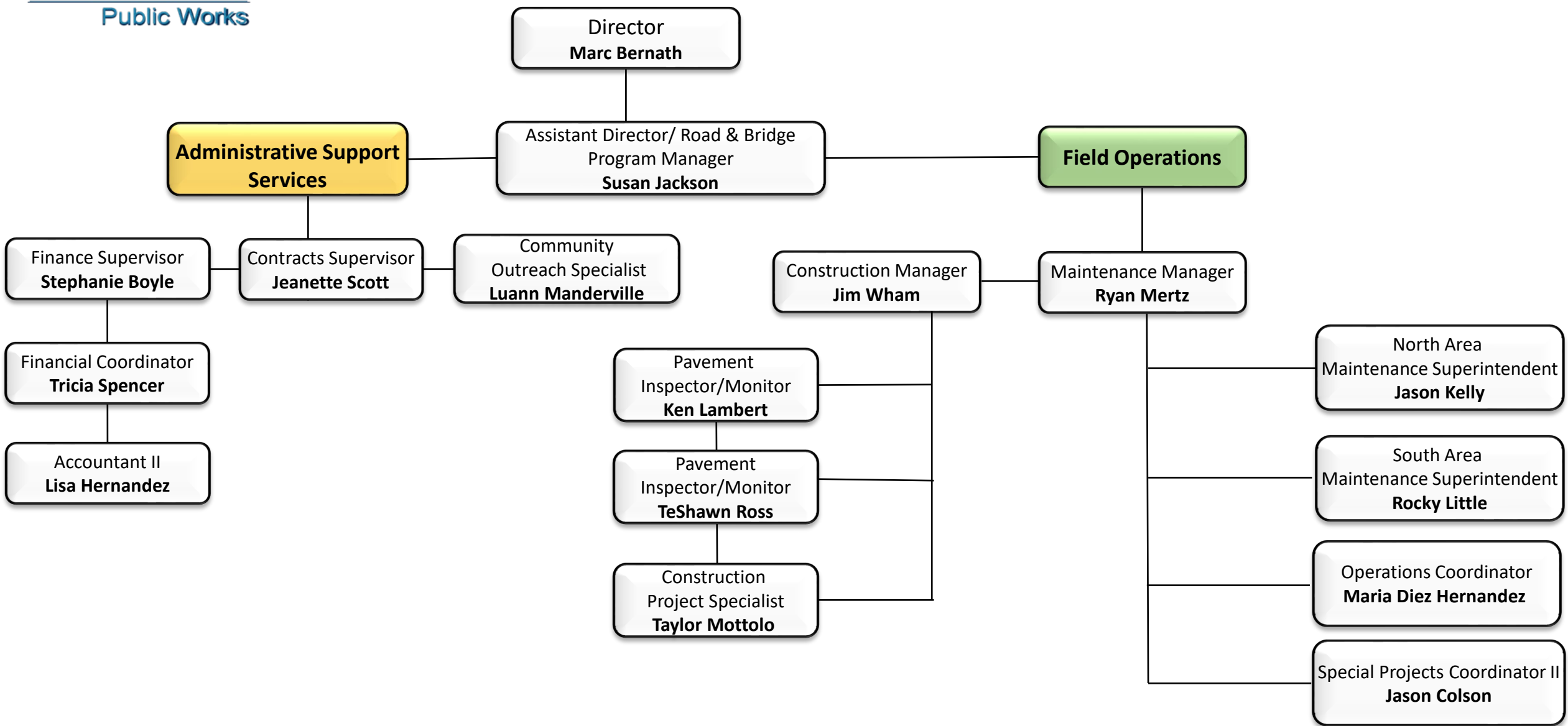




Organizational Chart

Personnel Managing, Supervising, Coordinating, and Inspecting
EPA CPRG Grant Activities



ORGANIZATIONAL PROFILE

Key Team Members



MARC E. BERNATH, PE, CEM, PMP

Road & Bridge

Public Works Director

Mr. Bernath is a proactive senior-level professional with 25+ years of progressive leadership experience. He leads multi-disciplinary engineering service, facility maintenance, major capital improvement, and acquisition organizations with both in-house and contracted workforces. Season program and project manager. Proven record of accomplishment in leading teams to success. Outstanding interpersonal, communications, operations, business, organizational, and analytical strengths.

RELEVANT EXPERIENCE:

Brevard County Public Works Director – Viera, Florida (2020 – Present)

- Leads a diverse 325-employee (union and non-union) department with 200 additional service contract employees.
- Responsibilities include a \$162.8M operating and capital budget and \$80.9M in additional tenant-funded projects. Coordinated prioritization of \$2B in validated backlog.
- Includes planning, surveying, design/engineering, flood plain management, development review, maintenance, renovation/construction, project management, budgeting, grant administration, contracting, land acquisition, leases, operations, fleet management, and emergency management in support of 4.2M SF of County facilities.
- 1,227 center lane miles of roads, 717 miles of sidewalks, 50 bridges, 947 miles of stormwater drainage conveyances and retention as well as 55.4K traffic signals and signs.
- Oversees 7 programs to deliver on objectives; increased timely private sector development review to 97%.

Public Works Director, US Navy, Bethesda, (2018-2020)

- Headed a 590-civilian employee (union, non-union and contract) department, including 9 military staff.
- Managed a \$2.6B physical plant across a 243-acre campus.
- Laid foundation for a multi-year \$1B construction portfolio. Delivered \$125.7M of construction to client on time/budget, \$570M under construction is on track, and \$450M is under design and awarded in 2021.
- Executed over \$125M annually in tenant planning, design, and construction projects as well as facility service contracts in adherence to quality, schedule, and budget objectives and with zero significant mishaps.
- Re-invigorated an underperforming department by resetting operational expectations. Implemented measures to validate program efficiencies, yielding reduced costs and improved delivery by 20%.

Capital Investment Director, US Navy, Washington, DC (2016 To 2018)

- Drove capital investment infrastructure up by 35%, resulting in delivery of urgent client requirements at most cost-effective solution while restoring confidence in programs under prior Congressional scrutiny.
- Validated requirements on 18 geographically dispersed, complex projects valued at over \$1.1B. Finds resulted in \$74M of identified efficiencies used for reinvestment in higher priority projects.
- Designed new planning, prioritization, and validation process. Efforts were key in promoting sound requirements, reducing executions risks, and decreasing systemic budget increase-requests by 86%.

EXPERIENCE

25 Years

EDUCATION

- MBA, Management – Salve Regina University
- MS, Construction Management – Virginia Tech
- BS, Environmental Resource and Forest Engineering – SUNY College of Environmental Science and Forestry

CERTIFICATIONS

- American Public Works Association 2023 Public Works Director of Year (Florida)
- Professional Engineer (PE), Civil Engineering, #PE90106 in FL
- Certified Energy Manager (CEM), #22198
- Project Management Professional (PMP), #2152578
- Former Warranted Federal Contracting Officer, #WASH18-26

ORGANIZATIONAL PROFILE

Key Team Members



Susan G. Jackson, PSM

Public Works Assistant Director/Road & Bridge Manager

Ms. Jackson is a results-driven leader with more than 30 years of progressive leadership experience in public and private sector organizations. She has led organizational change initiatives, implementation of strategic goals and initiatives, and implementation of policies and decisions made by county board of commissioners. Over the past twelve years she has managed the Road and Bridge Program overseeing the construction and maintenance of the County's transportation system, developing and managing a \$31M annual operating budget, and leading a highly talented team.

EXPERIENCE

35 Years

EDUCATION

- MPA Public Administration
University of Central Florida
- BS Legal Studies – University
of Central Florida
- AS Land Surveying
Technology – Valencia
Community College (Orlando,
FL)
- Coursework in Geographical
Information Systems (GIS)
- Coursework in Lean Six
Sigma
- 18-month course in Brevard
County Executive Leadership
Institute

CERTIFICATIONS

- Professional Surveyor &
Mapper, PSM 4637 in FL
- Franklin Covey
Leadership Facilitator

RELEVANT EXPERIENCE:

Brevard County Public Works Assistant Director & Road and Bridge Program Manager – Viera, Florida (2012 – Present)

- Assist the Public Works Director in leading a diverse 325-employee (union and non-union) department with 200 additional service contract employees.
- Assist the Public Works Director in the development of budget presentations to the Board of County Commissioners and County Manager
- Program Manager for the largest Public Works program (Road and Bridge).
- Develop and manage a \$31M Program operating and capital budget.
- Direct all Road and Bridge activities related to the construction and maintenance of the County's transportation infrastructure.
- Responsible for projects related to the management, repair, and reconstruction of 1145 centerline miles of paved roads, 80 miles of unpaved roads, 717 miles of sidewalks, 50 bridges, and more than 20K stormwater structures.
- Plan and coordinate with surveyors, engineers, and consultants on the design of capital improvement and maintenance projects to improve roadways and drainage systems.
- Establish goals and metrics for improvement in delivery of services, meeting project deadlines and budget, road resurfacing/reconstruction program, and increasing miles of drainage maintenance.
- Develop Program standard operating procedures (SOP), oversee Program's compliance to all federal, state, and local laws relative to maintenance and construction of transportation infrastructure, and emergency management protocols.
- Lead the administrative development of the Public Works Mapper-GIS system, and various dashboards to track and monitor monthly/annual goals.

Public Works County Surveyor Program Manager, (1998-2012)

- Managed the daily operation of the Brevard County Surveyor's office, providing survey support services for all county agencies.
- Responsible for ensuring adherence to high professional technical standards as set forth by Florida Statutes and Administrative Code
- Responsible for preparing and managing an annual budget of \$1.2M; and a talented and skilled workforce of twenty surveyors and administrative employees.
- Established partnership with other municipalities to provide surveying services in the collection and mapping of drainage infrastructure.
- Re-invigorated an underperforming department by resetting operational expectations. Implemented measures to validate program efficiencies,

ORGANIZATIONAL PROFILE

Key Team Members



JASON COLSON

Special Projects Coordinator II

Mr. Colson has four (4) years of experience in data control and Geographical Information Systems design. His focus is to develop workflow process improvements and managing special projects. In the last eight years, Mr. Colson has led the implementation of mapping county maintenance assets, planning GIS databases, special projects for the Public Works Assistant Director and data collection of drainage structures. He coordinated our 2023 Pavement condition Assessment contract with Atkins/DTS, overseeing the review and validation of the pavement data, ensuring the final product met contract requirements. He also oversees weekly, monthly, and annual road program dashboards used to communicate progress to Public Works leadership team.

EXPERIENCE

4 Years

EDUCATION

- AutoCAD Foundations CCC, Eastern Florida State University, 2023- Present
- Geographic Information Systems CCC, Eastern Florida State University, 2018-2020

SKILLS

- ArcGIS / GIS Online- Database building, Feature class creating, Drawing, Query/Analyzing, Domains, Web maps, Dashboards
- AutoCAD – Drafting 2D, Blueprint Reading, Civil Drawing

WEBINAR TRAINING & CERT

- Pavement Preservation
- Panel on In-Place Recycling
- Basic Math for Roadway Workers
- Road Safety
- Basic Highway Plan Reading
- Fundamentals of Bridge Analysis Design Workshop

RELEVANT EXPERIENCE:

Brevard County Public Works, Viera, Florida (2021 – Present)

- Mapping county maintenance assets to include road resurfacing, road reconstruction, road preservation, Capital Improvement Projects, ditches, swales, ponds, culverts mowing operations and sidewalks.
- Planning GIS Databases for the Road & Bridge program
- Special Projects for Public Works Assistant Director such as specialty maps, road resurfacing & reconstruction dashboards and presentations with PowerPoint and Esri Story Map.
- Creating & maintaining dashboards to reflect our road resurfacing, reconstruction, and preservation efforts along with all our assets as well.

Data Control Specialist, Viera, Florida (2019-2021)

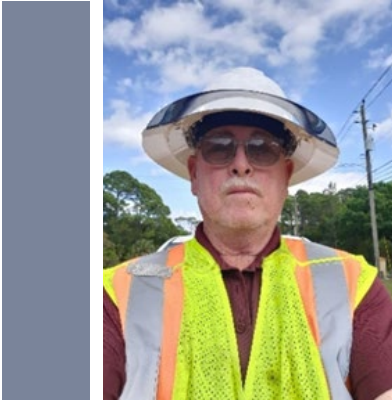
- Assisting citizens by adding concerns into the work management system
- Mapping county maintenance assets such as ditches, swales, ponds, culverts and other drainage structures and mowing operations
- Planning GIS Database
- Data Analysis
- Data Collection of staff gauges and drainage structures
- Coordinator of Road & Bridge maintenance Emergency Response Documents (Mini-Coop)
- Coordination of project data for three (3) districts, including Road Resurfacing and Reconstruction
- Data Validation

Automotive Equipment Operator II, Merritt Island, Florida (2016-2019)

- Operated deck mower to maintain the rights-of-way and easements along Brevard County maintained roads within District 2
- Operated small equipment to assist with road drainage, sidewalk and road repairs
- Assisted with the operation of the Patch Truck to repair potholes and pipe crossings

ORGANIZATIONAL PROFILE

Key Team Members



KEN LAMBERT

Construction Pavement Inspector-Monitor

Mr. Lambert has over 23 years of experience in road maintenance and inspection, ranging from engineering inspector, project supervisor, and most recently as our senior pavement inspector on our road program. In his current role he assesses the roads selected for treatment, plans, and coordinates the treatment schedule, and inspects the work of our approved paving contractors for road resurfacing, reconstruction, and preventative maintenance.

EXPERIENCE

23 Years

CERTIFICATIONS

- FDOT Intermediate MOT

WEBINAR TRAINING & CERT

- Pavement Preservation

RELEVANT EXPERIENCE:

Brevard County Public Works/Road and Bridge Construction Pavement Inspector/Monitor (2018-present)

- Oversee the inspection of road reconstruction, resurfacing and dirt road paving for all County roads.
- FY 2018-2019 completed 70 miles of resurfacing, 7 miles of reconstruction, and 3 miles of dirt road rehabilitation.
- FY 2019-2020 completed 76 miles of resurfacing, 12 miles of reconstruction, and 4 miles of dirt road rehabilitation.
- FY 2020 -2021 completed 85 miles of resurfacing, 13 miles of reconstruction, and 2 miles of dirt road rehabilitation.
- FY 2021-2022 completed 66 miles of resurfacing, 7 miles of reconstruction, 45 miles of road preservation, and 11 miles of dirt road rehabilitation.
- FY 2022-2023 completed 60 miles of road resurfacing, 9 miles of reconstruction and .5 miles of dirt road rehabilitation.

Project Supervisor (2011-2018)

- Oversee the maintenance of 311 miles of roadway infrastructure in Districts 4 & 5.
- Responsible for evaluating and preparing roads for resurfacing, and reconstruction.
- Supervise 20 employees in field operations.
- Assisted citizen concerns by inspecting and planning projects to resolve their concerns.

Engineering Inspector (2000-2011)

- Inspected capital improvement projects, such as new road development and widened roadway corridors.
 - Inspected residential and commercial developments.
 - Inspected underground utility construction within County's right of ways, such as stormwater-drainage pipes, sanitary sewer mains and services, potable and reclaimed waterline mains, and services.
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ORGANIZATIONAL PROFILE

Key Team Members



RYAN MERTZ

Road & Bridge Maintenance Manager

Mr. Mertz has over 23 years of experience with Brevard County Public Works in the maintenance, construction, and management of the County's transportation system. One of his primary roles is to oversee the maintenance of a road network of 1145 miles of paved roads, including the County's annual road program, which includes resurfacing, reconstruction, and rejuvenation treatments. Additionally, he leads a maintenance team comprised of 180 employees and five maintenance (5) facilities located countywide.

EXPERIENCE

23 Years

CERTIFICATIONS

- FEMA ICS 100, 200, 300, 400, 700, 800
- FDOT Intermediate MOT
- HAZWOPER Certified
- Hazardous Materials Operations/OHSA Level II
- NUCA Excavation Safety

WEBINAR TRAINING & CERT

- Pavement Preservation
- Panel on In-Place Recycling
- Basic Math for Roadway Workers
- Road Safety
- Basic Highway Plan Reading

RELEVANT EXPERIENCE:

Brevard County Public Works/Road and Bridge Program – Viera, Florida (2022 – Present)

- Oversee the maintenance of 1145 miles of paved road; 82 miles of unpaved roads, 717 miles of sidewalks, 908 miles of curb and gutter, and more than 25,000 drainage structures.
- Approves annual road segments for resurfacing, reconstruction, and rejuvenation (reclamite treatments).
- Conducts progress meetings, utility coordination meetings, pre-construction meetings.
- Supervises maintenance superintendents responsible for preparing roadways for resurfacing, reconstruction, and rejuvenation treatments in their district(s) and monitors their progress to ensure annual road program goals are met.
- Reviews and approves project estimates, change orders, and invoices.
- Responsible for preparing the maintenance budget each fiscal year to submit to Program Manager for approval and monitoring the budget throughout the ensure.
- Coordinate with the Road and Bridge team, engineering, traffic operations, and leadership to build and implement our 5-year road plan and 5-year sidewalk plan.

Maintenance Superintendent for Districts 4 and 5 (2018-2022)

- Oversee the maintenance of 310 miles of paved roads, 281 miles of sidewalks, 402 miles of curb and gutter, and more than 6000 miles of drainage structures and the completion of all annual projects.
- Responsible for overseeing annual road resurfacing, reconstruction, and preservation (reclamite treatment) for district roads.
- Supervise and develop 35 employees; responsible for the day-to-day operation of the maintenance facility and 250 various types of heavy equipment used to maintain and construct transportation infrastructure.
- Responsible for oversight of the Districts 4/5 maintenance budget, includes preparation, capital purchases, change orders

Road Supervisor for District 2 (2014 To 2018)

- Oversee field operations in the maintenance of 266 miles of roadway infrastructure in District 2
- Responsible for preparing roads for resurfacing, and reconstruction.
- Supervises 20 employees in field operations.

ORGANIZATIONAL PROFILE

Key Team Members



TAYLOR MOTTOLO

Construction Project Specialist

Ms. Motto has five (5) years of Construction administration experience. This experience was spent serving in various levels of project management including bids, contracts, RFQ's estimating, permitting, internal audits, and close-out procedures. Ms. Motto's capabilities include managing and coordinating multi-million-dollar construction projects beginning with the design phase through the handover and closeout phase. She is skilled in Budgeting, Analytical Skills, Operations Management, and Production Management. Ms. Motto has directed contractors in organization, scheduling, and implementation throughout projects.

EXPERIENCE

5 Years

EDUCATION

- Master of Business Administration: Project Management Concentration, In-Progress, Louisiana State University
- Bachelor of Arts: English, University of Central Florida

CERTIFICATIONS

- OSHA 10 Hour
- TWIC
- Florida Notary Public
- FDOT Intermediate MOT

WEBINAR TRAINING & CERT

- Pavement Preservation
- Panel on In-Place Recycling
- Basic Math for Roadway Workers
- Road Safety
- Basic Highway Plan Reading

RELEVANT EXPERIENCE:

Brevard County Public Works Construction Project Specialist (2022 – Present)

- Coordinating with superintendents, inspectors, management, and contractors to plan, estimate, and schedule 120+ miles of rejuvenation, micro-surfacing, resurfacing, and reconstruction projects per year.
- Inspect construction sites, review construction plans, and attend on-site meetings to estimate, plan, schedule, and monitor construction projects including drainage, sidewalks, Capital Improvement Projects, and dirt road rehabilitation.
- Request all purchase orders & change orders before placing material orders and awarding work to contractors.
- Maintain accurate project records including contractor change order requests, requests for payment, project pictures, and accounting reports.
- Monitor construction projects throughout the project lifecycle to track schedules, budgets, and revenue in iWorQ, Microsoft Project, and Excel. Work with management, contract coordinators, and purchasing to rewrite bid tabulations & specifications, analyze contractor submissions, and recommend contract awards.
- Approve all Road & Bridge invoices and oversee all project close-out procedures.

Daybreak Solar – Project Manager (2021-2022)

- Ordered engineering plans based on permitting and utility specs.
- Applied for building permits with appropriate jurisdictions.
- Gathered Pre and Post install approvals from electrical cooperatives.
- Coordinated non-solar items with contractors and vendors.
- Scheduled installs and service calls with technicians and homeowners.

Universal Engineering Sciences, Orlando, FL – Assistant Project Manager & Estimator (2019-2021)

- Reviewed testing reports for compliance and entered results into project management software.
- Audited projects for pre-pave and final conformance projects, as well as to-date budget tracking.
- Provided clients with proposals for roadway, subdivision, and building construction utilizing engineering plans.
- Streamlined interoffice procedures by developing sign-in logs and sample tracking spreadsheets.
- Created invoices based on test results and technician hours.

ORGANIZATIONAL PROFILE

Key Team Members



TESHAWN ROSS

Construction Pavement Inspector - Monitor

Mr. Ross has eight (8) years of experience in road maintenance and construction. His experience includes operating and overseeing the County asphalt road repair program that includes potholes and utility cuts. Most recently, he has served as a pavement inspector for the County's road resurfacing, reconstruction, and pavement rejuvenation program.

RELEVANT EXPERIENCE:

Brevard County Public Works/Road and Bridge Construction Pavement Inspector-Monitor (2023 – Present)

- Oversees the County's road reconstruction, resurfacing, and micro-surfacing, as well as speed hump installations, and dirt road paving for all roads maintained by Brevard County Public Works
- Works closely with our vendors/contractors in the field to ensure that policy & procedures are followed.
- Pavement inspection of contractor's work includes checking for correct materials, procedures, safety, and quality assurance.

Heavy Equipment Operator I (2019-2024)

- Oversee the daily operation of the County's asphalt road repair program, includes pothole repairs, asphalt curbs, and utility cuts over county roads.
- Ability to operate the asphalt patch truck.
- Also operated Dump trucks, Loaders, & Backhoes during construction of sidewalk and drainage projects.
- Investigate citizen-driven service request and develop an action plan to resolve issue(s).

Automotive Equipment Operator II (2018 To 2019)

- Provided a variety of road maintenance, including brush clearing and trimming.
- Handled road materials, including asphalt, oils, gravel, limestone, concrete, and crack sealer material.
- Oversaw the County inmates and community service participants.
- Operated light and heavy construction equipment as required.

Maintenance Worker (2016 To 2018)

- Performed various landscaping and routine maintenance of County facilities, ROWs, retention ponds, and medians like mowing, weed eating, tree/bush trimming, operating a chipper, and applying herbicides.
- MOT, sign/barricade set up, flagging, and directing traffic.
- General labor tasks including mixing concrete, checking and filling fluids, cleaning offices, restrooms, and equipment yards, and picking up trash and litter in various parks, roadsides, and buildings.
- Assisted other County departments with labor or ground man on pipe jobs.

EXPERIENCE

8 Years

CERTIFICATIONS

- Asphalt 1 & 2
- FDOT Intermediate MOT
- FEMA ICS 100, 200, 800
- Confined Spaces

WEBINAR TRAINING & CERT

- Pavement Preservation
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ORGANIZATIONAL PROFILE

Key Team Members



JIM WHAM

Public Works Construction Manager

Mr. Wham has over 30 years of experience with Brevard County Public Works in the maintenance and construction of the County's transportation infrastructure. He currently manages the construction of capital improvement and maintenance projects, including road resurfacing and reconstruction.

RELEVANT EXPERIENCE:

Brevard County Public Works/Road & Bridge Construction Program Manager – Viera, Florida (2021 – Present)

- Manages an annual budget of \$4.2M and a diverse workforce of 33 employees that includes field and office personnel.
- Oversees the annual resurfacing and reconstruction program estimated at \$16 million.
- Administers the construction of major capital improvement and maintenance projects, interfacing with paving contractors and inspectors, other government agencies (i.e., local Cities, Traffic Operations, Utility Services), and the public (i.e., HOAs and citizens).
- Performs project management that includes estimating, scheduling, procurement, and budgeting.

Road & Bridge Area Manager for Districts 1 & 2 (2015-2021)

- Responsible for managing field and administrative operations in the maintenance of roads, bridges, and drainage infrastructure, includes leading a diverse and talented team of equipment operators and supervisors.
- Responsible for preparing roadways for resurfacing and reconstruction in Districts 1 and 2, and monitoring progress to ensure annual road program goals were met.
- Reviewed and approved project estimates, change orders, and invoices.
- Responsible for preparing the district maintenance budget each fiscal year to submit to the Program Manager for approval.
- Oversee coordination with various departments and programs (traffic operations, utility services, engineering) on all aspects of maintenance projects.

Road & Bridge Construction Specialist (2005-2021)

- Monitored the progress and completion of capital improvement and maintenance construction projects.
- Estimated costs & labor for large scale construction projects.
- Tracked project expenses, invoices, and budgets.
- Initiated and finalized quotes and bids.

EXPERIENCE

30+ Years

CERTIFICATIONS

- FEMA 100, 200, 300, 700, 800
- FDOT Intermediate MOT
- FLTAP Pavement Preservation

WEBINAR TRAINING & CERT

- Pavement Preservation
- Panel on In-Place Recycling
- Basic Math for Roadway Workers
- Road Safety
- Basic Highway Plan Reading