

We Make Quality Our Business

September 9, 2025

Karl Rockwell, PE
Public Works Director/City Engineer
City of Douglas
425 W. 10th St
Douglas, Arizona, 85607

RE: Third Party Materials Testing & Inspection Services SR-80 Utility Infrastructure Improvements Cochise County QT Proposal No. 250909.00

Dear Mr. Rockwell,

Please find attached QT's response to request for quote for Third Party Materials Testing and Inspection services for above referenced project.

The project scope includes installation of a water main between Cochise College and the City's Well #14 and other related improvements along the SR-80 corridor. The project duration is 411 calendar days, and QT will be providing full-time on-site inspector as well as field technician (ADOT S7 level) for testing. Please contact me with any questions or concerns regarding the cost estimate.

I look forward to working with you on this project.

Thank you for your consideration.

Sincerely,

Shekhar R. Shah

Geotechnical Department Manager

Quality Testing, LLC

Attachment:

Company profile and relevant experience

Proof of UTRACS registration

Resumes and certification of proposed QCT personnel

Description of testing equipment and laboratory accreditation

Proposed timeline & Staffing Plan

Fee Schedule and cost breakdown



Our Services

Construction Materials Testing:

- Concrete & Masonry
- Soil & Aggregate
- Asphalt Mixture Properties

Special Product Testing:

- Reinforcing Steel / Bolts
- Prestress Strand/ Cable / Wire
- Asphalt Binder Classification
- Emulsions / Slurries / Sealants

Services During Construction:

- Contract Administration
- Workmanship Inspection
- Materials Coordination
- Office Administration
- QC/QA Program Development
- Staff Augmentation
- Acceptance Testing
- Quality Control Testing
- Independent Quality Firm

Geotechnical Services:

- Subsurface Exploration
- · Geotechnical Testing
- Geotechnical Reporting
- Pavement Section Design
- Mix Design



Service Overview

Quality Testing, LLC (QT) has been helping owner public agencies, contractors, managers of construction, engineering consultants, P3 and Design-Build Joint Ventures, and commercial/private developers achieve and document the quality of their construction activities and processes since 2000. While the nature and volume of services provided by QT can and will vary from project to project based on client needs and expectations, in general, we are always seeking to assist our clients by contributing to the construction project plan and specification development process and by evaluating and documenting construction activities to assure compliance with the defined contractual and performance requirements. We have serviced thousands of heavy civil construction projects, both large and small, always guided by our uncompromising conviction that quality construction supported by comprehensive, intelligent and accurate documentation is achievable and should be expected.

Documentation / Data Management / Communication



QT uses QWIC, our proprietary, internally developed relational materials management and inspection application for collecting, managing, and reporting on the volumes of testing and

observation data generated on our projects. Our cloud-based system, which we continuously evolve to incorporate new features and facilitate broader team access, brings real time compliance status to our projects. QWIC facilitates labor resource minimization, immediate sample logging, calculation quality control, automated test notification at defined activity milestones, real time data accessibility from any location, meaningful summary reports, and in general, efficient project management. We know that important technical and financial decisions are routinely made based on the inspection and testing information we provide. QT places a high priority on keeping our client chain fully abreast of all construction activities and fully understand that timely and accurate communication is a critical ingredient for project success.

Accredited Laboratories (Corporate and Project Mobile Labs)

QT is Accredited by both AASHTO re:source and CCRL, along with being approved by multiple Federal, State, County, Municipal and other certifying agencies and organizations. We hold a broad spectrum of accreditation with more than 240 test methods related to: Soil & Aggregate | Concrete | Masonry | Grout & Mortar | Reinforcing Steel | Reinforcing Cable Strands | Asphalt Mixtures | Asphalt Binder Cement | Asphalt Emulsions | Asphalt Cutback | Asphalt Crack Sealant | Asphalt Rubber. There are few laboratory testing firms in the United States that are as broadly AASHTO Accredited and experienced as QT.

Certified Personnel

All of QT's technical personnel are certified by the American Concrete Institute (ACI) and the Arizona Technical Testing Institute (ATTI), and many also have specialized certification such as National Binder Technician Certification (NBTC), International Slurry Surfacing Association (ISSA), American Traffic Safety Services Association (ATSSA), International Municipal Signal Association (IMSA), International Code Council (ICC), and the Association of General Contractor (AGC) Erosion Control Coordinator certification.



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Quality Testing, LLC (QT) Service Overview

Laboratory and field materials testing results are used to determine the degree of specification conformity, the acceptability, and the overall quality of construction materials, both during their production and after final placement on projects. In the year 2000, QT was conceived with the objective of providing the most comprehensive and informative materials testing services available. Since that time, along with continuously growing our construction materials testing capabilities and broadening our accreditation credentials, we have also developed and evolved sophisticated materials data management and reporting tools. We have a uniquely consistent approach for assuring both the quality of construction for our clients on their projects, and the quality of our own services.

QT's Accreditation Exceeds the Norm

To perform defensible and reliable quality assurance (QA) or quality control (QC) testing, there are certain qualifications and credentials required, all of which QT satisfies. Our materials testing laboratory is American Association of State Highway and Transportation Officials (AASHTO) accredited, Arizona Department of Transportation (ADOT) approved, and U.S. Army Corps of Engineers (USACE) validated. These organizations perform intermittent on-site assessments of our laboratory facilities and require continuous participation in sampling and testing proficiency programs. Each assessment includes test performance observation and validation, test equipment and technician performance evaluation, and a thorough review of our internal Quality Management System (QSM). QT is accredited for more than 240 test methods, and above and beyond the common soil, aggregate, asphalt mixture and concrete test methods, QT's AASHTO Accreditation includes nearly 50 test methods associated with asphalt binder materials and several of the more advanced geotechnical tests. There are very few construction materials testing laboratories in the United States, let alone in Arizona, as broadly AASHTO Accredited and experienced as QT.

Specialized Testing

QT holds AASHTO accreditation for highly specialized testing, including many tests that are necessary to evaluate asphalt binders and reinforcing steel. QT's binder testing capabilities include asphalt cement binder PG grade verification along with numerous other property tests associated with tack coats and pavement preservation strategies such as slurry seals, asphalt rubber chip seals, rubberized crack sealants, and various other liquid asphalt-based products. QT's steel testing capabilities including tensile strength, elongation, bending, and hardness...

Laboratory Locations

QT's primary laboratory and corporate headquarters is located in Gilbert, Arizona. From this location we service projects in and around the Phoenix Metropolitan area, along with projects distributed throughout Arizona and the Southwest. As we continue to grow, we have established other permanent facilities in Tucson, Prescott Valley, and Payson, Arizona.

Throughout the years we have also successfully established temporary project specific laboratories in locations all over Arizona and the Southwest United States.

Get Support (https://utracs.azdot.gov/FAQ/) | Email: AZUTRACS-Support@azdot.gov (mailto:AZUTRACS-Support@azdot.gov)



Arizona's Transportation Business Portal

Search (DBE) Firm Directory (/Search) | Log in (/Account/Login)

Home

Quality Testing, LLC

Firm Information

Firm Name:

Quality Testing, LLC

DBA Name:

Quality Testing, LLC

Firm

https://www.qt-az.com

Website:

Firm

175 S. Hamilton Place.

Address:

Bldg. 6, Suite 114

Gilbert, Arizona 85233

Firm

Maricopa

County

Location:

Firm Work

View Map

Territory:

(/Location/MapLocationByld/10910)

Primary

Winona Capek

Contact:

Firm

480-496-2000

Phone:

Firm Email:

bizdev@qt-az.com

Secondary

Marisa Lattin

Contact:

Secondary

480-496-2024

Phone:

Secondary

mlattin@qt-az.com

Email:

Firm Self Description

An SBC, QT provides construction materials testing, construction management, general civil and structural inspection, geotechnical engineering and related testing, pavement section and mix design, and construction quality program development and implementation services for ADOT and other public & private entities throughout the state. Serving ADOT since 2000, QT has a solid working knowledge of ADOT-specific systems and procedures and has developed positive and productive relationships with many individuals and organizational units. Our AASHTO accredited & ADOT approved materials testing lab holds accreditation for over 240 test methods, including those associated with assessing compliance for Asphalt Mixtures, Soil, & Aggregate Products, PCC, Masonry, & Geotechnical Testing. We also hold accreditation for specialized testing of asphalt binders (including asphalt cement binder, tack coats, & pavement preservation strategies such as slurry &asphalt rubber chip seals, rubberized crack sealants, & other liquid asphalt-based products) and reinforcing steel. Our Reinforcement Lab's equipment

tests the full range of reinforcing steel, including tensile, elongation, bending, & hardness.

Firm Registrations and Certifications

▼

AZ UTRACS

10910

Number:

Status:

Active

DBE Certified:

No

ACDBE

No

Certified:

SBC Registered:

Yes

Primary SBC

237310

NAICS:

Firm Capabilities ▼

Work Category Name

Building Inspection Services (Port of Entry, Rest Area, Bus Station, etc.)

Construction Engineering

Construction Management -

Professional Services

Development of Design &

Operating Guides & Training

Manuals

Erosion Control (Engineering

Design Services)

Geological & Geophysical

Engineering

Work Category Name

Geotechnical Sampling and Testing

Materials Testing/Lab Inspectors

Pavement Design

Quality Control-Design/Professional

Services

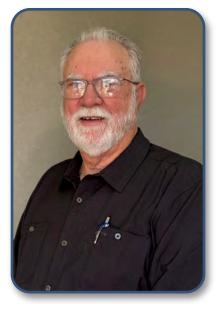
Reviews and Submittals

Contact Information For Participating UCP Members

Mark Dunbar, PE

Senior Resident Engineer ADOT T2/T3





SUMMARY

Mark worked for 28 years with the Arizona Department of Transportation (ADOT), followed by his current 20 year tenure as an engineering consultant. For ADOT he has served in the capacity of Resident Engineer (RE), District Construction Manager, Bridge Operations Engineer, District Maintenance Engineer, and Regional Traffic Engineer. As a consultant, he has continued to manage design development, planning, surveying, and construction oversite for public agencies and private entities on projects throughout Arizona, North Dakota and Utah. His projects include urban and rural roadways, highways and interstate freeways, bridges, urban parkways and transportation infrastructure-related projects. While also experienced outside of Arizona, he has special expertise regarding the application of ADOT standards and procedures for construction. Mark's typical project responsibilities include contract management, construction administration, scheduling and budgeting, cost estimating and supervising inspection team personnel to assure that documentation standards are met. His abilities include assembling inspection and materials testing teams, then leading the team toward the common objective of ensuring that construction work is performed in accordance with the contract

deliverable requirements and specifications. Mark effectively manages the overall scope, cost and schedule while providing support and guidance to others within his project team. Mark works effectively with owner agency representatives, contractors, developers, designers, public and private utility entities, the public, and has proven skills regarding issue resolution and mitigation.

EDUCATION

- Bachelor of Science in Civil Engineering, University of Arizona, Tucson, AZ
- Construction Materials Seminar, Purdue University, West Lafayette, IN
- Traffic Engineering Seminar, Northwestern University, Evanston, IL

CREDENTIALS

- Registered Professional Engineer, Arizona #16234
- Registered Professional Engineer, Utah #7602433-2202
- Registered Professional Engineer, North Dakota, #PE-8328
- Certified Public Management, Levels I, II, III Arizona DOA

SKILLS

- ADOT Methodology & Requirements
- Construction Administration / Quality Oversite
- Urban & Rural Surface Streets / Freeways
- State & Local Agency Coordination
- Roadway Signage / Intersection Traffic Signalization
- Earthwork / Grading / Subgrade Operations

- ADOT Permit Project Engineer of Record
- Constructability & Specification Review
- Traffic Control Review / Approval
- Major & Minor Structures
- Asphalt & Concrete Paving Operations
- Inspection Requirements for All Items of Work

NOTABLE PROJECTS

ADOT SR86 (Valencia Rd to Kinney Rd), TRACS H680601C, ADOT Southcentral District, Tucson, AZ: Mark provided
project supervision and developed over 70 supplemental agreements and pay estimates. He delegated duties and resolved
issued prior to escalation through the partnering process. His responsibilities included administering the contract and overseeing

inspection for the modification of two existing continuous slab bridges, three signalized intersection improvements and roadway widening. The work included embankment, milling existing asphalt pavement, paving new asphalt concrete (416 End Product), applying a polymer treatment to bridge decks, roadway crack sealing, along with related guardrail, barrier wall, and traffic signal installation. Mark also reviewed and approved all traffic control plans for the project, including detours, and assured proper implementation during construction.

ADOT PERMIT Projects, Statewide, Arizona: As a consultant, Mark served as the Senior Resident Engineer and/or Construction Manager responsible for overseeing multiple permit projects in Southern Arizona. His deep ADOT background helped him to facilitate many developer driven projects that required constructing an interface or connection to ADOT's roadway system. Mark was the Engineer of Record on several commercial, industrial and residential access improvement projects in the Southern Arizona that were constructed under and ADOT Permit. Projects included:

- ADOT SR 90, Sierra Vista: This ADOT roadway widening project included 2 signalized intersection improvements, AC, AR-ACFC, drainage, a multi-use trail, signing, striping and landscaping.
- ADOT SR 387, Casa Grande: This ADOT roadway widening project included improving two signalized intersections, utility relocation, AC, AR-ACFC, drainage, signing, striping and landscaping.
- ADOT SR 77, Shoppes at Oracle, Tucson: This ½ mile roadway widening included AC, ACFC, drainage structures and
 waterlines, signing and striping.
- ADOT SR 77, Steam Pump Village, Phases 1, 2 and 3, Oro Valley: This ADOT roadway widening project included AC,
 ACFC, utility relocation, traffic signal installation, drainage structures, landscaping, signing and striping.
- ADOT SR 77, Oracle and Hardy, Tucson: This roadway widening project included grading, drainage, AC, ACFC, new box culverts, drainage channeling, landscaping, signing and striping.
- ADOT SR 287 at Pottebaum, Casa Grande: This ADOT roadway widening project included AC, ACFC, drainage, curb and sidewalk, traffic signal improvement, landscaping, handrails, signing and striping.
- ADOT SR 77, Oracle Junction: This roadway widening project included AC, ACFC, cattle guard, fence, seeding, signing and striping.
- ADOT SR 87 at Arica Road, Eloy: This intersection improvement project included roadway widening, grading and drainage, AC, ACFC, 2 box culvert extensions, drainage channeling, landscaping, signing and striping.
- ADOT SR 347, Peart Road, Casa Grande: This ADOT roadway widening project included AC, ACFC, drainage, sidewalk, curb/gutter, landscaping, signing and striping.
- ADOT SR 347, Shoppes at Maricopa: This ADOT roadway widening project included AC, ACFC, curb/gutter, sidewalk, landscaping, signing and striping.
- ADOT SR 347, N. Altered Parkway, Maricopa: This 0.75 mile roadway widening and improvement project included two
 intersections with traffic signals, grading, drainage, AC, ACFC, curb/gutter, sidewalk, landscaping, signing and striping.
- ADOT SR 287 at Sandia, Casa Grande: This ADOT intersection improvement project included full traffic signal installation,
 AC, ACFC, curb/gutter, sidewalk, landscaping, signing and striping.
- ADOT SR 387 at Honeycutt, Maricopa: This project was a full ADOT intersection signalization project.
- ADOT SR 387, Ghost Ranch Road, Casa Grande This intersection improvement project included AC, ACFC, curb/gutter, sidewalk, landscaping, signing and striping.
- ADOT SR 347 at Farrell Rd, Maricopa: This intersection improvement project included grading and drainage, AC, ACFC, box culverts extension, drainage channel, landscaping, fencing, signing and striping.

Ken Sander, PE

Quality Manager / Resident Engineer





EDUCATION

B.S., Civil Engineering, University of North Dakota

CREDENTIALS

Registered Civil Engineer

- AZ #64392
- HI #15238
- ND #PE-6540

ATSSA TCT (Exp. 01/25/28) OSHA 10 (Exp. 02/08/30) EC Coordinator (Exp. 05/08/27)

FIRM EXPERIENCE

QT, Quality / Materials Engineer 2023 - Present Kiewit, Quality Manager 2020 - 2023 Fluor Corp, Quality Manager 2017 - 2020 Kiewit, Quality/Project Engineer 2011 - 2017

North Dakota DOT, Engineer

2005 - 2011

SUMMARY

With 20 years of experience in a variety of roles ranging from construction inspection, transportation engineering, and construction quality management, Ken is experienced in interpreting contract documents, leading teams that oversee and monitor construction activities, coordinating and supervising materials testing activities, and creating a detailed documentation trail to establish compliance with project contract requirements. He has considerable experience developing and implementing Quality Management Programs for large construction projects. He has worked within multiple construction contract alternate delivery methods including design-build, construction-manager-at-risk, public-private partnerships, and the traditional design-bid-build method.

NOTABLE QT PROJECTS

Projects with QT . . .

- FCDMC Buckeye Flood Retarding Structure No. 1 Rehabilitation Phase 2B, Maricopa County, AZ: This project to extend the life of a 7.1-mile-long structures included raising the dam height, reinforcing the auxiliary spillway, installing a central filler and concrete riser for the principal spillway, and constructing new ramps and maintenance roads.
- ADOT Traffic Signal Pinal Ave / Ghost Ranch Rd, Pinal County, AZ: This project to install a new traffic signal at SR387 and Ghost Ranch Rd also includes a raised NB/SB median, shoulder widening, and new striping. As Project Supervisor/Manager, and Resident Engineer, Ken's duties include assuring permit requirements are followed, work is performed in accordance with the approved plans and specifications, guide QA/QC, and investigate any issues that arise and recommend solutions. He is also responsible for day-to-day inspections staffing and scheduling and monitoring the contractor's operation and construction schedule project wide.

Projects Prior to joining QT . . .

• City of Phoenix, Northwest Extension Phase II LRT, Phoenix, AZ: The Northwest Extension was a 1.55 miles light rail extension starting at Dunlap and 19th Ave and ending at a new elevated station at Metro Center Mall on the western side of I-17. The project consisted of public and private utility relocations, two at-grade stations, two TPSS buildings, single span pre-cast girder bridges, and a 10-span steel and pre-case tub girder bridge spanning I-17. Additionally, the work relocated the existing Transit Center to its new location below the aerial station and

- constructed a 4-story, 260-car parking structure. As a Manager employed by the General Contractor, Ken was responsible for all quality control inspection, testing, and contract compliance, including supervision of engineers, inspectors, and technicians related to civil, track, and facility disciplines. His duties also included implementation of the Project Quality Control Plan, oversight of submittals, and coordination of all daily inspection and testing activities associated with the project.
- City of Phoenix, South Central Extension/Downtown Hub Light Rail Extension, Phoenix, AZ: The South Central Light Rail Extension is approximately six miles of new embedded light rail and will connect with the current light rail system in downtown Phoenix and operate east to 3rd Avenue and south to Baseline Road. The project includes a transfer hub in downtown Phoenix, an expansion to add 11 new station platforms, 39 pieces of special trackwork, an Overhead Catenary System (OCS), six new Traction Power Substations (TPSS), a park-n-ride located at Baseline Road, and all infrastructure required to install the new LRT including wet utility and third-party utility relocates and a complete reconstruction of the roadway, a new pedestrian bridge in City Scape, modifications to the Rio Salado Bridge and a new bridge over the Western Canal. Although Ken's primary project became the NWE Ph II project discussed above, Ken initially participated heavily in the early Quality Program development and implementation activities associated SCE project.
- ADOT L202 (South Mountain Freeway) Design-Build-Maintain Project, Phoenix, AZ: The billion dollar L202 South Mountain Freeway Project is the largest single contract project in Arizona's DOT history. To complete this effort, ADOT partnered with a private developer Connect 202 Partners (Fluor, Granite, Ames) to design, build, and maintain the freeway for 30 years. The freeway is located in Phoenix and will connect I-10 Maricopa to I-10 Papago, and consists of 22 miles of new freeway (3 general purpose lanes and 1 HOV lane), 13 interchanges, 40 bridges, 11 miles of sound walls, and approximately 1 million tons of asphalt concrete pavement. Ken participated in refining and implementing the project's Construction Quality Management Plan, and was then responsible for supervising and coordinating the team of engineers, inspectors, and technicians that conducted all quality control inspection and materials testing. In the latter stages of the project Ken was promoted to the position of overall Quality Manager and remained in that role through project close out and facility turn over to ADOT.
- HRTP Maintenance & Storage Facility Design-Build, City and County of Honolulu, HART Honolulu
 Authority Rapid Transportation, Honolulu, HI: For this \$300 million facility, Ken was responsible for
 all inspection, testing, and contract compliance. This included supervision of engineers, inspectors, and
 technicians related to civil, track, and facility disciplines, and also included management of the design
 submittal process, and then management of post design services deliverables.

- Elevated Living at Pasadena, Pasadena, CA
- FCDMC McMicken Dam Rehabilitation Phase 1. Buckeye, AZ
- CDOT US34 Flood Replacement. Loveland, CO
- Utah Transit Authority, Draper Light Rail Extension. Draper, AZ
- Project Phoenix, Molycorp Minerals Limited Liability Company, Mountain Pass, CA
- Multiple Highway projects for North Dakota DOT. Williston & Minot, ND

Michael Jauch, PE

Senior Resident Engineer





SUMMARY

Mike Jauch has extensive experience serving as Project Manager (PM) and Resident Engineer (RE) on a variety of construction projects involving rural highway, freeway, bridges, structures, water and wastewater transmission lines, grading and drainage and vertical construction. His projects often include asphalt and Portland cement concrete pavement sections, mill and fill operations, pavement preservation measures, mass earthwork/grading and drainage systems, power systems and traffic signalization, large reinforced concrete box culverts, retaining walls, bridge foundations and substructures, and numerous types of cast in-place, precast concrete, and post-tensioned bridge superstructures. His experience includes managing multiple projects simultaneously with construction budgets ranging from \$1 million to \$350 million, committing his own time, and his team resources, as appropriate to keep projects running smoothly and within budget. His strong engineering background lends itself to efficient problem solving and collaboration with all components of a project team including contractors, design engineers, office personnel, surveyors, inspectors, laboratory personnel, and Owner Agency management.

Mike is experienced with, and champions, the Partnering philosophy adopted by many public agencies, including ADOT's. He is skilled both managing and performing all aspects of the construction management process including planning, scheduling, reviewing, cost estimating and negotiation, compliance assessment, inspection, materials testing, materials management, enforcement, technical and administrative issue resolution, change management, stakeholder coordination, public relations, environmental mitigation, quantity measurement, survey verification, contract payment, and project documentation. Mike regularly applies ADOT Policies and Procedures, Standard Specifications, and Standard Details and has a thorough comprehension of ADOT's project administration practices outlined in ADOT's Construction Manual. He also has working experience with ADOT's electronic construction administration programs such as FAST, PEN, CPE, Advantage and SATS.

EDUCATION

• Bachelor of Science in Civil Engineering, University of Arizona

CREDENTIALS

- Registered Professional Engineer, AZ #27298
- Phoenix Drilled Foundation Seminar, American Society of Civil Engineers
- Confined Space Entry, National Environmental Trainers
- 40 Hour HAZWOPER Training, 8-Hour HAZWOPER Refresher Training
- Rock Blasting, National Highway Institute

SKILLS

- Project Management/Construction Administration
- Project Budget Management and Adjustment
- Excellent Written and Verbal Communication
- Experience with FHWA Projects
- Experience with FAA and FTA Projects
- Experience with Solar Generating Station Projects
- Experience with Environmental Clean-up Projects
- Experience with USACOE and CFLHD Agencies

- Experience with National Forest Service
- Project Schedule Review and Maintenance
- Constructability Review of Draft Bid Documents
- SWPPP Monitoring and 401 and 404 Permitting
- Knows and Applies ADA Requirements
- Knowledgeable of Railroad and Mine Safety
- Claims Avoidance and Resolution
- Partnering Stakeholder Coordination

NOTABLE PROJECTS & EXPERIENCE

- PHX Sky Train Stage 1A/1, Phoenix Sky Harbor International Airport, City of Phoenix Aviation Department: Mike served
 as Project Manager/Resident Engineer responsible for monitoring construction activities and performing special inspections for all
 structural elements of the guideway, stations and connecting walkways during the design and construction of the first phase of the
 5-mile- long automated train system (SkyTrain) through existing airport facilities. The project consisted of a predominantly elevated
 guideway system with three stations, which connected two passenger terminals and one parking area.
- City of Phoenix Streets Department, Design and Construction Management, Phoenix, Arizona: The Design and
 Construction Management Division (DCM) is responsible for the implementation of some of the City's most critical street
 infrastructure projects. Major activities within DCM include overall project management and construction management for design
 and construction contracts, surveying and construction staking, construction inspection, materials testing, landscape design and
 quality control. As a direct City employee, Mike was a Civil Engineer III for DCM, overseeing the activities of 3 Project Managers
 who were collectively responsible for the development, procurement, and delivery of dozens of projects simultaneously.
- ADOT Southcentral District, Tucson, Arizona: As a consultant, working through the ADOT Temp Tech program, Mike was the
 Resident Engineer on four ADOT Southcentral District construction projects simultaneously. On the following projects, Mike led a
 team comprised of inspectors, testing technicians and office personnel, with the collective objective of assuring quality and properly
 administering the construction contracts:
 - ADOT I-10 (Ina Road Traffic Interchange), H847901C/SB41301C, Marana, AZ
 Reconstruct entire Ina Rd Traffic Interchange / Replace bridge over Santa Cruz River
 - ADOT I-19 (Canoa Ranch Rest Area to Duval Mine Road), H871601C, near Green Valley, AZ
 Rehabilitation of 10 miles of Asphalt Pavement / Install WIM / Install guardrail & fencing
 - ADOT I-10 (Wilmot, Kolb and Rita Traffic Interchanges), H889601C, Pima County, AZ
 Intersection Improvements at three locations / Paving / Curb, Gutter, Sidewalk / Traffic Signals
 - ADOT SR87 (Ruins Drive Traffic Signal), H883801C
 Install New Traffic Signal Equipment / Median Modifications / Signing / Pavement Marking

ADDITIONAL PROJECT EXPERIENCE

- CFLHD, Control Road Project, Tonto National Forest
- Abengoa Solar, Solana Generating Station
- FMI, US191, Sun Ridge Section, Mileposts 177.1 to 178.4
- Town of Gilbert, Pecos Road and Power Road Intersection
- Lake Havasu City, Wastewater System Expansion Program
- Bullhead City, Pavement Management Program (PMP)
- ADOT, US93 (Cottonwood Canyon to Bridle Creek)
- FEMA, Structural Inspections and Cost Analyses, Florida
- ADOT, SR77 (Aravaipa Creek to Winkelman)
- ADOT, SR170 (US70/SR170 San Carlos Junction)
- City of Goodyear, Estrella Parkway (Yuma Rd to McDowell Rd)
- ADOT, SR188 (Tonto National Monument to Resort Rd)
- ADOT, US60 (SR79 Traffic Interchange)
- ADOT, US191, nine miles on Navajo Indian Reservation
- ADOT, US163 (Laguna Wash to El Capitan Wash)
- ADOT, US163 (Sage Creek and El Capitan Structures)
- ADOT, SR564 (US160 to Navajo National Monument Junction)

- City of Chandler, Chandler Boulevard Improvements
- Town of Paradise Valley, Intersection Improvements at Lincoln Dr/Tatum Blvd
- ADOT, Steel Bridge Crack Repairs, Southern AZ, I-8, I-10, US60, SR70, SR79
- ADOT, SR87 (Teas Toh Wash to Snake Butte)
- ADOT, SR87 (Draw to Teas Toh Wash)
- ADOT, SR101L (Pima Road and Shea Boulevard)
- ADOT, SR202L (McKellips Road to Country Club Drive)
- ADOT, SR202L (Country Club Drive to SR101L)
- ADOT, SR93 (Cane Springs Section)
- ADOT, US93 (Climbing Lane at Burro Creek)
- ADOT, US93 (Detrital Wash to Cottonwood Road)
- ADOT, US93 (Date Creek Bridge)
- ADOT, US93 (Big Sandy Bridge)
- ADOT, I-10 (Hassayampa River Bridge #1645/1646)
- ADOT, I-40 (WB Walnut Creek to Griffin and WB Yucca to McConnico)
- ADOT, I-40 (Westbound Seligman-Pineveta Section)
- ADOT, I-8 (Gila Bend Rest Area to Freeman Overpass)

Bill O'Neill

Chief Inspector, S9





SUMMARY

Bill has 30 years of experience working on heavy construction projects in Arizona, and is adept at serving in the Senior Project Manager, Quality Control Manager, Materials Coordinator, and Senior Inspector roles. His primary project responsibilities have included the inspection of highways, surface streets, light rail, and other major transportation-related infrastructure. Bill is experienced in inspecting major earthwork operations; new and rehabilitated asphalt and PCC pavement sections; conventional, MSE, and tied back wall systems; bridges and other major structures; drainage systems; and other elements of work. He is skilled at researching plans and specifications to determine contract requirements, measuring quantities, paying for completed work, learning and developing expertise using numerous construction documentation software systems, and implementing and managing testing programs. Bill has extensive experience performing inspection and materials testing activities, documenting detailed observations, and

ensuring project contract compliance on heavy civil roadway, structures and utility projects. Additionally, he routinely fulfills the Special Inspector role on projects involving buildings, walls, miscellaneous concrete and masonry work, site earthwork, and other typical operations. Bill is an asset to any project he works on and has been involved with many notable QT projects.

CREDENTIALS

- ACI Field (Exp. 02/15/29)
- ATTI Field (Exp. 08/12/28)
- ATTI Asphalt (Exp. 09/24/27)
- ATTI Soils (Exp. 06/01/29)
- ATSSATCT (Exp. 08/24/26)
- Hazmat (Exp. 02/26/26)
- ECC Coordinator (Exp. 05/18/25)
- ADEQ Water Collection Sys Op Grade 1 (Pending)
- ADEQ Water Distribution Sys Op Grade 2 (Pending)

SKILLS

- Project Management / Staff Management
- Bridge / Wall / Major Structure Inspection
- Asphalt and PCCP Pavement Inspection
- Pipe, Catch Basin, Manhole Inspection
- Tilt-up Panel Inspection & Testing
- Precast Girder Inspection
- Post-Tension Inspection

- Construction Documentation
- Construction Materials Testing
- Trench & Structure Backfill Inspection
- Curb, Gutter, Sidewalk Inspection
- Coordinates with Utilities and Local Agencies
- Traffic Control Set-Up & Takedown
- Item Quantity Measurement / Payment

NOTABLE PROJECTS

• City of Phoenix / Valley Metro Rail South Central Light Rail Extension, Phoenix, AZ: On assignment through QT's On-Call Materials Testing for Light Rail contract, Bill was the Quality Assurance Manager for the final 6 months of this \$1.375B project that includes approximately six miles of new embedded light rail, a transfer hub, 11 new station platforms, six new Traction Power Substations (TPSS), a park-n-ride, and all the related underground infrastructure. The project also includes numerous waterline, signal and lighting relocations, all in coordination with the City of Phoenix. Since he joined the project toward the end, Bill's primary responsibility was

assuring that final punch list items were completed and also participating in the overall project Materials Closeout. All work related to roadway, drainage, curb, gutter, sidewalk, private utility relocations, City water relocations, signalization, and most other typical items were constructed in accordance with City of Phoenix standards and required frequent coordination with the other City Departments, major utilities, and Valley Metro personnel.

- City of Phoenix On-Call Civil Field Inspection Services, Phoenix, AZ: Bill served as a Senior Construction Inspector on QT's On-Call Civil Field Inspection Services Contract for over 6 years, and was a Civil Inspector III for the last year and a half. In that capacity, Bill performed inspections on projects that were being constructed under City of Phoenix Permits. The work included bridges, streets, alleys, turn lanes, storm drains, water and sewer mains, irrigation systems and other public works. His duties include inspecting materials, grades and other items for compliance with City specifications, details, plans, and standard construction practices. He observed construction work to ensure that procedures were followed and that materials used conformed to the permit specifications and requirements. As one of the most senior consultant inspectors on the contract, Bill's responsibilities also included training new Civil Inspectors regarding the objectives and methodology related to Permit Compliance Oversite. Bill worked to improve operations, increase efficiencies, decrease turnaround times, and worked cooperatively and jointly to provide seamless customer service.
- ADOT Traffic Signal Pinal Ave / Ghost Ranch Rd, Pinal County, AZ: QT provided QA/QC Inspection and Materials Testing for this intersection improvement project. The work includes a new traffic signal at SR387 and Ghost Ranch Rd, as well as installation of curb and gutter to form a median island, shoulder widening and turn lane addition, new asphalt pavement and friction course, and striping.

ADDITIONAL PROJECT EXPERIENCE

- UPRR Phase 2
- City of Mesa Water Main Replacement PH2
- Firestone 3440 W Union Hills Drive
- City of Chandler Rose Paving 3401 W Frye Rd.
- City of Goodyear Yuma Rd Improvements
- Town of Gilbert Zone 2 Interconnection Design
- Verrado Way & Market Street Improvements
- City of Mesa Dobson Ranch Golf Course Imp.
- FCDMC Buckeye FRS No. 1 Rehabilitation PH 2B

- McDowell Road Expansion East
- City of Chandler, Chandler Heights Gilbert Rd to Val Vista
- City of Chandler Alley Rehab PM 10 Dust Emmisions Reduction
- Silver Basin Leach & Stockpile Phase III
- Verrado Way & Market Street Improvements
- Silver Basin Leach & Stockpile Phase III
- Sky Harbor Group DVT Phase I
- COP Airport Development Program QVL
- GRIC Baseline Road Sidewalk

Trent Ritter

Construction Inspector/ Materials Technician ADOT S7





SUMMARY

Trent is a Construction Inspector / Materials Technician with 20 years of experience working on heavy highway projects, commercial and industrial building projects, and residential foundation projects. Along with his inspection and field testing experience, he spent much of his early career working in the laboratory, performing soil, aggregate, concrete and asphalt mixture testing to support construction projects. He is also skilled at post-tension slab inspection, verifying strand and rebar configurations, concrete placement, and tensioning forces.

CREDENTIALS

- ACI Field (Exp. 1/29/28)
- ATTI Field (Exp.11/23/29)
- ATSSATCT (Exp. 06/23/29)
- OSHA (Exp. 04/06/30)
- Hazmat (Exp. 08/26/27)
- Radiation Safety (08/27/30)

SKILLS

- Subgrade, Aggregate Base Inspection
- Asphalt and PCCP Pavement Inspection
- Prestressed Concrete Inspection
- Trench & Structure Backfill Inspection
- Construction Materials Testing / Lab & Field
- Applies ADOT Specifications & Details
- Applies MAG/Supplement Specifications & Details
- ADOT PEN / FAST Experience

NOTABLE PROJECTS

- ADOT Topock Kingman Hwy (I-40) US93 / I-40 West Kingman TI, Mohave County, AZ: This project
 consisted of construction of a new system interchange to provide free flow, grade-separated ramps to service
 I-40 westbound to US93 northbound, and US93 southbound to I-40 eastbound. Trent's duties included inspection,
 sampling and testing of various construction materials, and providing documentation of activities.
- AMeta, MAZ Data Center, Mesa, AZ: The Meta Mesa Data Center is a five-building campus development
 encompassing over 2.5 million square feet of data center and administrative space. Trent's responsibilities
 included collection and sampling of soils, concrete, and asphalt, as well as performing post-tension and re-bar
 inspection. He was also responsible for management of daily field operations.
- City of Phoenix / FCDMC, Lafayette Interceptor, Maricopa County: This flood hazard mitigation project
 included storm drains along 40th Street north of Camelback Road, along Lafayette Boulevard between
 Camelback Road and Arcadia Drive, and an outlet along Arcadia Drive from Lafayette Blvd to the Old Cross Cut
 Canal. Trent's duties included the collection and sampling of soils, concrete, and asphalt, as well as performing
 various laboratory tests. He was also responsible for the operation of concrete and asphalt drilling rigs.

ADDITIONAL PROJECT EXPERIENCE

- Pima Rd Redevelopment
- Chandler Heights, Gilbert Rd to Val Vista Rd
- Tempe Well No. 6 Improvements
- City of Chandler, Alley Rehab PM10 Dust Emissions Reduction 2
- General Motors, Proving Ground
- Kenworthy Waterline Extension, GMP 9

Matt Kasler

Construction Inspector / Materials Technician ADOT S6/S7





SUMMARY

Matt is a construction inspector and materials technician with 12 years of experience working on heavy civil construction, commercial, and residential projects. He is skilled at inspecting highway project features and performing the testing and sampling associated with soil, aggregate, bituminous mixtures, and concrete materials. He is an observant inspector and strives to maintain up-to-date and accurate documentation of his testing and inspection activities. He is also familiar and proficient using ADOT's PEN system.

CREDENTIALS

- ATTI Field (Exp. 05/11/29)
- ACI Field (Exp. 03/14/29)
- ACI Strength (Exp. 07/16/26)
- AGC ECC (Exp. 02/14/28)
- ATSSA TCS (Exp. 10/24/27)
- ATSSA TCT (Exp. 11/10/25)
- Hazmat (Exp. 01/27/28)
- Radiation Safety (Exp. 11/01/30)

SKILLS

- Construction Materials Testing
- Earthwork / Drainage System Inspection
- Curb, Gutter, and Sidewalk Inspection
- Asphalt and PCCP Pavement Inspection
- Guardrail / End Treatment Inspection

- Trench / Structure Backfill Inspection
- Asphalt Binder, Tack, and Emulsion Sampling
- Applies MAG/Supplement Specifications & Details
- Applies ADOT Specifications & Details
- ADOT PEN Experience

NOTABLE PROJECTS

- ADOT, I-40 (Walnut Creek to Holy Moses Wash), F039201C, Mohave County, AZ: This project was located on I-40 from MP 33.0 to MP 46.87. The work consisted of milling and replacement of asphaltic concrete pavement, AR-ACFC, embankment curb, shoulder build-up, pipes, replacing guardrail, bridge repair, pavement markings and other related work. Matt served as an S6 on this assignment for 9 months and his responsibilities primarily included inspection of guardrail removals followed by the installation of new wood posts, new W-rail beams, and new end treatments. During paving operations he was responsible for sampling binder and tack materials.
- ADOT, I-40 (Joseph City to Perkins Valley), F038401C, Navajo County, AZ: This project was located on I-40 between mileposts 277.40 and 282.80 and involved milling out the existing asphalt pavement surface course and replacing it with a new asphaltic concrete mixture. The work also included replacing the guardrail and guardrail end terminals, sealing an existing bridge deck with methacrylate treatment, replacing pavement markings, and related work. Matt served as an S6 on this assignment for 5 months and his responsibilities included guardrail inspection and other project materials sampling and testing.
- ADOT Permit, Traffic Signal at Pinal Ave/Ghost Ranch Rd, Pinal County, AZ: This was a private developer
 project being constructed under an ADOT Permit. The work involved installing a new traffic signal at SR387
 and Ghost Ranch Rd and also included a raised NB/SB median, shoulder widening, and new striping. Matt's
 inspection responsibilities covered almost all aspects of the work, including underground utilities, temporary traffic
 control, drainage facilities, embankments, and roadway construction.

- ADOT SR189 (International Border to Grand Ave), H804501C, Nogales, AZ: This project involved widening approximately three miles of SR189 from just north of the Mariposa Port of Entry to the intersection with Grand Avenue in Nogales, Arizona. The work included a new roundabout at SR189 and Target Range Road, constructing new flyover ramps connecting SR189 to I-19, improving drainage, and installing new traffic signals. Matt was an S6 inspector on this full service construction administration project for over a year and was responsible for inspecting roadway elements such as removals, earthwork, base course, paving, lighting and signals, signing and striping, drainage, retaining walls, utility relocations, and parts of several bridges.
- FCDMC Buckeye FRS No. 1 Rehabilitation, Phase 2B, Maricopa County, AZ: This large flood control project rehabilitated and extended the life of an earth-filled dam to ensure it continues to protect ADOT's I-10, and other downstream property owners, from flooding. The project included lengthening the existing damn, building and/or reinforcing the auxiliary spillway, installing a central filter and a concrete riser for the principal spillway, and constructing new ramps and maintenance roads. Matt's responsibilities on this project primarily involved the inspection and testing associated with concrete box culvert construction along with embankment and soil-cement bank protection.
- City of Phoenix On-Call Soils & Materials Testing, Phoenix, AZ: Matt has performed field testing on several streets, water services, parks and other City projects. His responsibilities primarily involved materials sampling and testing and interacting with the City Streets Department Laboratory personnel. He documented his inspection and testing activities in daily diary reports that were reviewed and approved by the City.
- USACE, FY19 Vehicle and Pedestrian Barrier Replacement Project, Pima County, AZ: Working for multiple materials testing firms, Matt was assigned to Tucson Border Barrier projects as a materials technician. The work involved replacing a portion of the vehicle and pedestrian barrier along the US/Mexico border, comprised dozens of miles of new concrete filled steel bollard walls including gates, roads, drainage improvements, fiber optic communication cables, electrical, lighting, CCTV systems, utility relocations, demolition, and disposal. Matt's responsibilities included performing density tests on soil and aggregates, as well as conducting fresh concrete testing and sampling. Additionally, he also sampled coarse and fine aggregates from several on-site concrete batch plants for delivery to the on-site laboratory.

ADDITIONAL PROJECT EXPERIENCE

- City of Phoenix, Hedgepeth Waterline Improvement
- City of Chandler, Detroit Basin Storm Drain Construction
- Town of Queen Creek, Signal Butte & Appleby Improvements
- City of Tempe, Country Club Way ASU Research Park
- City of Chandler, Chandler Heights Improvements
- ADOT I-17 Flex Lanes Anthem Way to Sunset Point
- City of Phoenix, WSD Seg 2, 66" Zone 4A Water Tr Main
- Town of Queen Creek, Fire Station No 5, Combs Rd

- Copper Basin Water Reclamation Facility
- Sky Harbour Group, DVT Phase I
- City of Chandler, ST1616.451 Ocotillo Rd Improvements
- FCDMC EMF Low Flow Channel Ray to Guadalupe Rd
- City of Scottsdale, McDowell Rd Bike Lanes
- Town of Gilbert, Gabriella Pointe Commerce Center
- PMGAAlpha Apron Phase III
- Town of Queen Creek, Fire Station No 2, Sossaman Rd

Justin Margulis

Construction Inspector Materials Technician ADOT S6 / S7





SUMMARY

Justin is an experienced construction inspector with a strong materials testing background. He routinely works on heavy construction projects involving public infrastructure facilities controlled by the ADOT Specifications and Standard Details, the MAG Specifications and Standard Details, and many of the MAG supplements developed by county, municipal, and other public agencies. He is regularly responsible for inspecting construction operations associated with earthwork excavation and embankment, subgrade preparation, asphalt concrete and PCCP pavement sections, major and minor structures, drainage systems, sewer and waterline installation, pavement surface courses, striping, and traffic control. He is skilled at documenting construction activities and work progress, measuring and reporting on accepted quantities, and he produces informative and accurate daily diaries. His diverse technical skills along with his ability to communicate clearly make him a great asset on any project.

CREDENTIALS

- ACI Field (Exp. 10/19/28)
- ATTI Field (Exp. 12/02/28)
- ATSSA TCT (Exp. 06/09/27)
- Erosion Control Coordinator (Exp. 05/08/27)
- Radiation Safety (Exp. 01/01/30)
- OSHA 10 Hr Training

SKILLS

- Construction Materials Testing
- Earthwork / Drainage System Inspection
- Curb, Gutter, Sidewalk Inspection
- Asphalt and PCCP Pavement Inspection
- Applies MAG/Supplement Specifications & Details
- Applies ADOT Specifications & Details
- Coordinates with Utilities and Local Agencies
- ADOT PEN / FAST Experience

NOTABLE PROJECTS

- City of Phoenix Civil Field Inspection On-Call Services, Phoenix, AZ: Justin served for two years as full-time as a Senior Construction Inspector on our City of Phoenix Civil Field Inspection Services Contract for the Planning and Development Department. He works directly with Development Services Staff in the field to evaluate and confirm contractor compliance with City permit documents. To some degree, most past assignments involved earthwork, storm drain systems, curb, gutter, sidewalk, pavement, sewer line and potable water installation, parking lots, pedestrian access, concrete hard scape, traffic signals, lighting, electrical power distribution, landscape, and related facilities. Justin regularly interacts with personnel inside COP departments such as Water Services, Street Transportation, Signal and Lighting, and the City Materials Laboratory.
- MCDOT Lower Buckeye Road, 67th to 71st Ave Capacity & Safety Improvements, Maricopa County, AZ: Justin served as
 the full time field inspector for this 18-month long project which included the relocation of a City of Phoenix waterline and multiple
 fire hydrants, traffic signal removal and replacement, new street lighting, curb, gutter, and ADA-compliant sidewalk and curb
 ramps, new storm drain system along Lower Buckeye Rd that tied into an existing 96" diameter City of Phoenix main collector,
 SRP irrigation manhole grade adjustments, a new asphalt pavement section, and related signing and striping. This assignment
 required near constant interaction and coordination with inspectors and managers from COP Water Services, Street Lighting and
 Traffic Signals sections.

ADOT Full-Service Construction Administration, Statewide, AZ: Justin has served in roles as both an Inspector and a Field Testing Technician on Full-Service Construction Administration assignments.

• ADOT SR189 (Border to Grand Ave): This project involved the construction of various access management improvements to State Route (SR) 189 and the Mariposa Traffic Interchange (TI) at Interstate 19 (I-19) and SR 189. The work included the installation of a raised median to replace the continuous left-turn lane that separates opposing traffic flows and the associated pavement widening required in the corridor to allow for the median. At Mariposa Traffic Interchange improvements included an east-to-north flyover ramp that connected eastbound SR 189 to northbound I-19. Similarly, a south-to-west flyover ramp provided connectivity to southbound I-19 vehicles traveling toward the Mariposa POE. As an S6 inspector for nearly 2 years on this project, Justin was responsible for most materials testing, and support inspection, on multiple items including: roadway elements such as earthwork, base course, paving, lighting and signals; drainage elements including pipe, catch basins, manholes, junction structures, and box culverts; and retaining walls. As the project progressed, for several items, Justin also became responsible for tracking quantities and making payments in the ADOT PEN system.

ADOT Temporary Technical Engineering Personnel Services Contracts, Statewide, AZ: Justin has served in roles as both an Inspector and a Field Testing Technician on ADOT Temp Tech assignments.

- ADOT SR-101 (I-17 to Pima Road Design-Build), Central District: This Design-Build project was located in Maricopa County
 on SR 101L, from I-17 to Pima Road. The work included design and construction for new general purpose lanes on SR 101L
 in both travel directions and involved constructing pavement, structures, retaining walls, barrier, drainage, signing, pavement
 markings, street lighting, traffic signals, ITS, utilities relocation, landscape restoration, and AR-ACFC. For several months during
 the fall of 2020 Justin was ADOT's inspector at the concrete batch plant that was located on the project and dedicated for PCCP.
- ADOT SR-101 (Baseline Road to SR 202L (Santan) Design-Build), Central District: This Design-Build project was located in Maricopa County on SR 101L, from Baseline Road to SR 202L (Santan). The work involved adding general purpose lanes on SR 101L in both travel directions and included constructing pavement, structures, retaining walls, barriers, drainage facilities, signing, pavement markings, street lighting, traffic signal modifications, ITS, utilities relocation, landscape restoration, and rubberized friction course. From mid-2019 to mid-2020 Justin was assigned to this project where his duties included the inspection and materials testing associated with storm drain and catch basin construction and backfill operations. For a several month period Justin also served as ADOT's night time batch plant inspector at the commercial batch plant facility that supplied concrete to the project.

Other Major Projects, Statewide, AZ: Justin has served in roles as both an Inspector and a Field Testing Technician on multiple major quality control efforts. The project below was the largest and longest.

• USACE, FY19 Vehicle and Pedestrian Barrier Replacement Project (W912PL19C0015). Tucson Projects 1 and 2 consisted of building a new vehicle and pedestrian barrier along portions of the US/Mexico international boundary line. The work involved constructing approximately 43 miles of new concrete filled bollard walls, including gates, roads, drainage improvements, fiber optic communication cables, electrical, lighting, CCTV systems, utility relocations, demolition, and disposal. The wall structure included deep and wide reinforced concrete foundations. Justin served as and Inspector that also conducted a lot of materials sampling and field testing. He routinely interacted with QT Laboratory personnel and USACE on-site oversight inspection personnel.

ADDITIONAL PROJECT EXPERIENCE

- Gilbert Public Safety Training Facility
- Summit Point Park Renovations
- City of Phoenix Well 310
- ViaSun Distributor Truck Calibration
- MCDOT Appleby Rd Dry Wells JOC
- ADOT APMS Multiple Program Years

- City of Chandler, Chandler Heights Roadway Improvements
- MCDOT Northern Parkway Dysart to 111th Ave
- City of Phoenix, Val Vista Water Trans Main Rehab Ph 2
- Pinal County, E Park Link Drive
- ADOT SR B40 West Seligman Bridges
- Anthem at Merrill Ranch Units 35A, 35B, and 37

Jason Arollo

Construction Inspector / Materials Technician ADOT S6/S7





SUMMARY

Jason has nearly four years of experience as a Field / Materials Technician and is skilled performing the sampling and testing associated with soil, aggregate, bituminous mixtures, and concrete materials. Jason is proficient at preparing Daily Inspection Reports (DIRs) to document construction testing and inspection activities and ensure contract compliance. Jason also fully understands the importance of maintaining up-to-date, accurate documentation of project activities.

CREDENTIALS

- ACI Field (Exp. 08/15/29)
- HAZMAT (Exp. 05/13/27)
- ATTI Field (Exp. 06/21/29)
- Radiation Safety (Exp. 05/14/30)

SKILLS

- Materials Sampling & Testing
- Earthwork Inspection
- Trench Backfill Inspection
- Field Density Testing
- Fresh Concrete Testing
- Subgrade / Base Inspection

NOTABLE PROJECTS

- ADOT I-17 Flex Lanes, Anthem Way to Sunset Point, Maricopa and Yavapai Counties: This project
 improves 23 miles of I-17, and includes roadway widening, earthwork operations, major drainage structures,
 two bridge replacements, one bridge deck replacement, ten bridge widenings, and 8 miles of new alignment flex
 lane roadway. Jason performed inspection, and materials sampling and testing in the field, supported by our onsite laboratory.
- City of Chandler, Chandler Heights Improvements (ST1614.401) Chander, AZ: This project involved widening Chandler Heights Road to a minimum of 4 lanes between McQueen Rd to Gilbert Rd. Work also included constructing raised medians, bike lanes, center turn lanes, curb and gutter, landscaping, and utility relocations. The work also includes drainage improvements such as retention basins and concrete scuppers, traffic signals and the traffic signal interconnect, as well as LED lighting and converting overhead electric to underground. Jason was responsible for inspection, testing and sampling associated with soil, aggregate, asphaltic and concrete materials.

ADDITIONAL PROJECT EXPERIENCE

- MCDOT Vulture Mountain Recreation Area
- MCCAR Sun Pond Solar 500kV Substation
- City of Phoenix, S&S WSD Pavement Preservation
- Mission Park Industrial 2
- Verrado Way Phase 4
- MCDOT Eagle Eye Rd at Tiger Wash

- City of Surprise, 163rd Ave, Grand Ave to Pinnacle Peak GM
- Bureau of Reclamation, MODE III Canal Road Repairs
- City of Mesa, NWWRP Phase 1 Fuel to Flare NG System
- Town of Queen Creek, Signal Butte and Appleby Improvements
- Town of Queen Creek, Frontier Family Park Improvements
- City of Buckeye, South Apron & Taxiway Reconstruction Phase II

James Juarez

Construction Inspector / Materials Technician





CREDENTIALS

ACI Field (Exp. 12/08/28)
ATTI Field (Exp. 04/26/30)
Hazmat (Exp. 05/21/26)
Radiation Safety (Exp. 05/25/30)

FIRM EXPERIENCE

QT, Inspector / Technician 2023 - Present

SUMMARY

Fairly new to the heavy civil construction industry, James is experienced with the materials testing and sampling associated with typical roadway construction, including soils, aggregate, asphaltic pavement, and concrete materials per standard methods. He understands the importance of documentation, and is proficient at preparing Daily Inspection Reports (DIRs) to document construction testing and inspection activities and ensure contract compliance.

NOTABLE PROJECTS

- MJ Electric, SunZia T-Line and Foundation, New Mexico: This project spans New Mexico and Arizona and includes 3,500 MW of new wind generation. It required hundreds of towers founded on deep drilled reinforced concrete shafts. James worked through QT's mobile, on-site laboratory providing inspection, sampling and testing as part of QT's Contractor QC services.
- City of Scottsdale, Pima & Happy Valley Road, Scottsdale, AZ: This project consisted of reconstructing and widening nearly 3 miles of roadway along Pima Road. The work included removals, roadway excavation, grading and subgrade preparation, as well as concrete curb, gutter sidewalk, and pathways. It also included waterline, sewer line, storm drain and catch basins, and other related work including signals, lighting, hard scape and irrigation, all of which complied with MAG, City of Scottsdale MAG supplement, and project specific plans and specifications. James performed quality control duties that included inspection of structures, sampling and testing of soils, aggregate, asphalt, and concrete, and provided daily documentation of construction activities.
- Town of Queen Creek, Kenworthy Rd Sewer Line Extension, Queen Creek, AZ: This project will be conducted in three phases. Phase one consists of constructing 3.5 miles of 24" DIP transmission waterline from approximately Red Fern Road north to Germann Road. James is performing compaction testing, as well as inspection, sampling and testing of soils and concrete.
- City of Mesa, Reconstruct Anzio Ramp Falcon Field, Mesa, AZ: This
 project included removal of existing asphalt and concrete, scarify and compact existing subgrade P-152, P-208, ABS and pave with P-401 Asphalt,
 Concrete placement for tie down structures. As part of QT's contract to provide quality acceptance testing, James performed inspection, sampling and
 testing for subgrade, aggregate base course, asphalt concrete, and concrete
 placement.

- Circle K Goodyear
- 25913 S Tangelo Ave, Queen Creek
- City of Phoenix, DVT Hangars Taxiway D Intersection Realignment
- Town of Gilbert, Zone 2 Interconnection Design
- City of Mesa, Elliot Mesa Commerce Center
- SRPMIC Alma School Road 4124100
- City of Glendale, Heroes Regional Park
- Artesis Offsite Construction
- Mack Innovation Park
- ADOT City of Coolidge SR87 & Skousen Road
- City of Chandler, CA2204.401 City Hall Parking Lot & Alley Improvements
- DBA Construction Master Service Agreement
- City of Prescott, On-Call QA & Compliance
- Pinal County, Hunt Highway Spillway Repair
- Farallon Distribution Piping Phase #2
- Weems Asphalt 2024 Hourly Tasks
- Elevated Living at Pasadena
- City of Chandler, Wall Street Improvements
- ADOT APMS (2023 Program, Group B)
- AJP Electric Master Agreement On-Call
- PaveCo Hourly Tasks 2024
- Park 91 Slab Investigation
- SRP, WAPA Pinnacle Peak Rogers Transmission
- City of Sedona, Uptown Sedona Parking Garage
- Town of Gilbert, Water Tower Plaza
- City of Chandler, Detroit Basin Storm Drain Construction
- City of Mesa, NWWRP Phase 1 Fuel to Flare NG System
- Landing 5 Material Test 21-02-3393
- Landing 4 Core Drill / Testing 21-02-3374
- Pinal County, Combs Road Kenworthy Road
- City of Chandler, Boston Street Improvements
- Republic Service Emobility Charging
- 710 E Indian School Rd Billboard
- 1126 E Maricopa Freeway Billboard
- City of Globe, Veterans Park
- Town of Queen Creek, Signal Butte & Appleby Improvements
- 9600 S 54th St Billboard
- Town of Queen Creek, AR 100 ASLD Infrastructure GMP 3
- Pinal County, Hunt Hwy Magma Rd to Franklin Rd

Will Oneal

Construction Inspector / Materials Technician, S7





CREDENTIALS

ACI Field (Exp. 09/19/29)

ATTI Field (Exp. 03/06/26)

Asphalt Institute Paving Inspector (Exp. 05/03/50)

ATSSA TCT (Exp. 04/19/25)

Hazmat (Exp. 05/12/27)

Radiation Safety (Exp. 07/02/30)

FIRM EXPERIENCE

QT, Inspector / Technician 2020 - Present

Coreslab, QC Technician 2018 - 2020

SUMMARY

Will is a dynamic and detail-oriented technician with a strong background in field construction materials testing services. He possesses extensive expertise in conducting comprehensive evaluations of concrete, asphalt, soils, and precast and prestressed concrete. Additionally, Will is skilled in preparing Daily Inspection Reports (DIRs), effectively documenting construction testing and inspection activities to ensure compliance with contractual standards. Will has worked in the field performing a variety of materials testing duties and maintaining the associated documentation. He has proven himself to be a capable and reliable field technician that gathers his knowledge through constant communication, specification, and drawings reviews. Will has demonstrated comprehension and implementation of ACI and ATTI procedures into his daily work activity that helps projects to achieve goals of high quality with minimal impact on surrounding areas.

NOTABLE PROJECTS

- ADOT I-17 Flex Lanes, Anthem Way to Sunset Point, Maricopa and Yavapai Counties, AZ: This project improves 23 miles of I-17, including 15 miles of roadway widening, multiple massive earthwork operations, dozens of major drainage structures, two bridge replacements, one bridge deck replacement, ten bridge widenings, and eight miles of new alignment flex lane roadway. Will served as a Quality Control Inspector and Testing Technician in the field and was supported by the on-site mobile laboratory.
- ADOT Kingman Ashfork Hwy Fort Rock Markham Wash EB, Mohave County, AZ: Will served as a Field Technician on this project which consisted of removing the existing asphaltic concrete surface course by milling and replacing it with new asphaltic concrete. The work also included placing a polyester polymer concrete overlay on the existing bridge decks, replacing guardrail and guardrail end terminals, constructing pipe end sections and headwalls, as well as other related work.
- ADOT Temp Tech Program, State of Arizona: Through the ADOT Temp
 Tech program Will was involved in a wide range of projects, primarily focused on inspection and testing. Work undertaken by Temp Tech personnel,
 such as Will, includes construction project tasks such as overseeing the construction of new roads, bridges, and other transportation infrastructure in the
 state of Arizona. It also includes maintenance projects involving inspecting
 and testing existing infrastructure to ensure its safety and functionality.
- USACE Border Barrier-Tucson Section (SWVC), Lukeville, AZ: This
 project was part of a larger effort to construct a border barrier along the

US-Mexico border. Will spent over 1,500 hours contributing to this effort. For this project, Will was involved in ensuring that the construction work matched the project plans and specifications, conducting tests on materials like concrete, soil, and steel to verify their quality, and creating detailed reports on inspections and tests, submitting them promptly. He was also responsible for collaborating with the US Army Corps of Engineers (USACE) on project requirements and approvals, transporting samples to the laboratory, and managing the sample testing process. Specifically, Tucson Projects 1 and 2 involved the replacement of the vehicle and pedestrian barrier along the US/Mexico international boundary line, comprised of the construction of approximately 43 miles of new bollard walls including gates, roads, drainage improvements, fiber optic communication cables, electrical, lighting, CCTV systems, utility relocations, demolition, and disposal. His duties consisted of performing density tests on soil and aggregates as well as conducting concrete tests including slump, temperature, unit weight, air content, and casting samples. Will also completed sampling on soil, concrete, grout, and coarse and fine aggregates from on-site concrete batch plants

- Town of Gilbert, Gilbert Water Tower Plaza
- City of Prescott, Garden & Western Sewer & Road Improvements
- City of Prescott, Pullman Douglas Roadway Reconstruction
- City of Chandler, Chandler Heights Utility Relocation
- ADOT US191 Chinle to Black Mountain Wash
- ADOT 008 MA 082 Sentinel Rest Area
- City of Phoenix On-Call Soils & Materials Testing
- Elliot 202- 8604 E. Elliot Road

Joshua Pardo

Construction Inspector / Materials Technician





CREDENTIALS

ACI Field (Exp. 10/17/29)
ATTI Field (Exp. 01/04/30)
OSHA 10 (Exp. 09/24/30)
Hazmat (Exp. 02/21/27)
Radiation Safety (Exp. 02/22/30)

FIRM EXPERIENCE

QT, Inspector / Technician 2024 - Present

SUMMARY

Joshua is a promising newcomer to the construction industry, dedicated to enhancing his expertise in inspection, sampling, and testing. He joined QT in February 2024 as an inspector and materials testing technician. Over the past few months, he has actively sought to broaden his skills and credentials, demonstrating a strong commitment to advancing his career in this field.

NOTABLE PROJECTS

- ADOT, Kingman Ashfork Hwy (I-40), Cochise County, AZ: Located on SR 90 between milepost 320.90 and 325.95 within the City of Sierra Vista, the work included milling and replacing existing asphalt concrete, fog coat application, install new concrete curb and gutter, sidewalk and sidewalk ramps, guardrail replacement, pavement marking and other related work. Josh performed quality control duties in support of QT's Contractor Quality Control contract.
- Town of Gilbert, Water Tower Plaza, Gilbert, AZ: The Town of Gilbert's historic Water Tower Plaza, located in Gilbert's Heritage District, is undergoing improvements to better support the district's needs and update the existing aging infrastructure. The project scope includes the upgrade and replacement of the existing splash pad operating system, reconfiguration of the open space areas, the addition of a new restroom building to fit the pump house and IDF room, modification of existing parking area, expansion of shaded areas, and general improvements and upgrades to the existing space. Josh performed inspection, sampling and testing according to QT's contract to provide construction materials sampling and testing, as well as special inspections.
- Willmeng, SunZia Southwest T-line & Foundation, New Mexico: This
 project includes 3,500 MW of new wind generation, along with a 550-milelong transmission line across New Mexico and Arizona. The project required
 hundreds of transmission towers founded on deep drilled reinforced concrete
 shafts. Joshua provided inspections, sampling, and testing on-site, supported by QT's mobile laboratory.
- City of Scottsdale, Pima & Happy Valley Road, Scottsdale, AZ: This
 project consisted of reconstructing and widening nearly 3 miles of roadway
 along Pima Rd. The work included removals, roadway excavation, grading
 and subgrade preparation, as well as concrete curb, gutter, sidewalk, and
 pathways. It also included waterline, sewer line, storm drain, and catch
 basins, and box culvert and sound wall structures; asphalt and Portland

cement concrete paving, and other related work including signals, lighting, hard scape, irrigation, all of which complied with MAG, City of Scottsdale MAG supplement, and project specific plans and specifications. Josh's duties included inspection, sampling and testing of soils, aggregate, asphalt, concrete, and structures, as well as accurate daily documentation.

- MCCAR Sun Pond Solar 500kV Substation
- AF Steel Fabrication Facility
- City of Phoenix, DVT Hangars Taxiway D Intersection Realignment
- City of Mesa, Reconstruct Anzio Ramp Falcon Field
- McDowell Road Expansion East
- SunZia Regen 3
- SunZia NM Regen 2
- City of Surprise, 163rd Ave Grand Ave to Pinnacle Peak GM
- City of Surprise, GMP 4 Tillman to Happy Valley
- Feguson Appliance Shipping Hub Special Inspection
- SRPMIC Alma School Road 4124100
- SRPMIC Pima Road Redevelopment
- Artesia Offsite Construction
- ADOT, City of Coolidge SR87 & Skousen Road
- City of Chandler, CA2204.401 City Hall Parking Lot & Alley
- DBA Construction Master Service Agreement
- Farallon Distribution Piping Phase #2
- City of Chandler, Wall Street Improvements
- Town of Quartzsite, 24.017 Keuhn Street Improvements
- EPCS Harquahala
- City of Tempe, Well No 6 Improvements & Expansion
- Costco 8400 West Sherman St, Tolleson
- Yavapai County, Mayer Water Line Erosion Control
- · City of Goodyear, Hillside Traffic Signal South
- AJP Electric Master Agreement On-Call
- PaveCo Hourly Tasks 2024
- Carefree Drainage Improvements
- City of Sedona, Uptown Parking Garage
- Town of Gilbert, Water Tower Plaza
- City of Chandler, Detroit Basin Storm Drain Construction
- City of Mesa, NWWRP Phase 1 Fuel to Flare NG System
- Town of Queen Creek, ASLD Phase 2
- Pinal County, Combs Road Kenworthy Road
- City of Mesa, Midfield Crossover East Txy and Realignment

Fernando Muñoz

Construction Inspector / Materials Technician S7





CREDENTIALS

ACI Field (Exp. 07/24/25)
ATTI Field (Exp. 10/29/27)
Hazmat (Exp. 03/13/25)
Radiation Safety (Exp. 03/14/30)

FIRM EXPERIENCE

QT, Inspector / Technician 2019 - Present

SUMMARY

Fernando Muñoz has over 5 years of experience performing the materials testing and sampling associated with soil, aggregate, asphaltic pavement, and concrete materials. He is familiar with preparing Daily Inspection Reports (DIRs) to document construction testing and inspection activities and ensure contract compliance. He has worked on a number of projects in the valley and has also performed a wide range of materials testing duties in the QT laboratory.

NOTABLE PROJECTS

- ADOT, Kingman Ashfork Hwy (I-40), Fort Rock to Markham Wash EB, Cochise County, AZ: Located in Cochise County on SR 90 between milepost 320.90 and 325.95 within the City of Sierra Vista. The work consists of pavement rehabilitation. The work includes milling and replacing existing asphalt concrete, fog coat application, install new concrete curb and gutter, sidewalk and sidewalk ramps, guardrail replacement, pavement marking and other related work. Fernando performed quality control duties as part of QT's Contractor Quality Control contract.
- ADOT US191 Chinle to Black Mountain Wash, Apache County, AZ:
 Located within the limits of Navajo Nation, this project included shoulder widening from MP 448.22 to MP 460.36. The work consisted of widening the existing shoulder on both sides of the roadway and installing shoulder and centerline rumble strips. The work also included chip seal application, paving turnouts, installing pipe, headwalls, guardrails, signing, and pavement markings. Fernando's duties included sampling and testing of construction materials.
- USACE FY19 Vehicle and Pedestrian Barrier Replacement Project, US/ Mexico Boundary Line: The project involved the replacement of the vehicle and pedestrian border, comprised of approximately 43 miles of new bollard walls, including gates, roads, drainage improvements, fiber optic communication cables, electrical, lighting, CCTV systems, utility relocations, demolition, and disposal. Fernando's duties consisted of performing density tests on soils and aggregates, as well as conducting concrete tests, including slump, temperature, unit weight, air content and casting samples. Additionally, he completed sampling on soil, concrete, grout, and coarse and fine aggregates from on-site concrete batch plants.

- City of Mesa, Water Main Replacement Ph 2 Pomeroy St
- Firestone 3440 W Union Hills Dr

- Mattamy White Tanks Vista
- City of Phoenix, DVT Hangars Taxiway D Intersection Realignment
- McDowell Road Expansion East
- PMGA Taxiway W Rehabilitation
- City of Surprise, 163rd Ave Grand Ave to Pinnacle Peak GM
- City of Surprise, GMP 4 163rd Tillman to Happy Valley
- Ferguson Appliance Shipping Hub Special Inspection
- Mack Innovation Park
- Verrado Way Phase 4
- City of Mesa, Structural Manhole Improvements Phase I
- MCDOT MJ2401 Crozier & Dixileta Intersection
- City of Glendale, Heroes Regional Park
- FPS Civil On-Call MSA
- ADOT 24022 City of Coolidge SR87
- City of Chandler, CA2204.401 City Hall Parking Lot & Alley
- DBA Construction Master Service Agreement
- City of Prescott, On-Call QA & Compliance
- MCDOT MC85 99th Ave to 95th Ave
- City of Goodyear, Estrella Mountain Valve Replacement
- Farallon Distribution Piping Phase #2
- Weems Asphalt 2024 Hourly Tasks
- City of Chandler, Wall Street Improvements
- ADOT APMS (2023 Program, Group B)
- Z-24 Motel
- EPCS Harquahala
- City of Goodyear, Hillside Traffic Signal South
- · City of Phoenix, Hedgepeth Waterline Improvement
- PMGA On-Call Engineering Services QA
- UPRR Phoenix Intermodal Pop-Up
- SRP WAPA Pinnacle Peak Rogers Transmission
- APS RHC014491 Second Makeup Water Surge Pond
- UPRR Railroad Bridge Emergency Repair
- City of Sedona, Art in the Roundabouts
- SunZia Southwest T-Line & Foundations
- Town of Queen Creek, AR 100 ASLD Infrastructure GMP 3
- City of Tempe, Country Club Way ASU Research Park
- City of Chandler, JOC Pecos
- City of Phoenix, On-Call Soils & Materials Testing
- ADOT Howe Precast Concrete Barrier Testing
- MCDOT Sun Lakes Units 1 10 & 41 (Cont.)

Adam Blankenship

Construction Inspector / Materials Technician S7





CREDENTIALS

ACI Field (Exp. 01/20/28)
ATTI Field (Exp. 10/26/29)
OSHA 10 (Exp. 09/09/30)
Hazmat (Exp. 07/02/27)
Radiation Safety (Exp. 07/01/30)

FIRM EXPERIENCE

QT, Inspector / Technician 2024 - Present ProTex, CSM 2019 - 2024

SUMMARY

Adam is a Construction Inspector and Materials Technician with five years of experience in the civil construction industry. He is organized, and able to manage multiple inspection tasks while working with supervisors and managers to ensure compliance.

NOTABLE PROJECTS

- City of Scottsdale, 96th St Extension, Scottsdale AZ: An extension of
 the Pima & Happy Valley Roads Project, this project extends 96th Street to
 a private residence. It includes concrete, curbs, gutters, and all other associated structures. Adam's duties include inspection, sampling and testing of
 soil, aggregate, asphalt, concrete, and associated structures, as well as daily
 documentation.
- City of Scottsdale, Pima & Happy Valley Roads, Scottsdale, AZ: This project consisted of reconstructing and widening nearly 3 miles of roadway along Pima Road. The work included removals, roadway excavation, grading and subgrade preparation, as well as concrete curb, gutter, sidewalk, and pathways. It also included waterline, sewer line, storm drain and catch basins, and box culvert and sound wall structures, asphalt and Portland cement concrete paving, and other related work. Adam performed quality control duties that included inspection, sampling and testing of soils, aggregate, asphalt, concrete and structures, as well as daily documentation.
- FPS Civil, Farallon Piping Phase #2, Buckeye, AZ: The Farallon Water Campus is a groundwater facility. Wells in the area of Buckeye transmit water, where it is treated, stored and distributed. This project included development of new groundwater wells, 3 miles of raw water transmission lines, a 20-acre treatment campus (including 6 mgd of treatment expandable to 19 mgd), finished water storage, booster pumping, and over 15 miles of potable water distribution piping. Adam performed duties included testing backfill materials for the pipeline, ABC materials, and asphalt.

- Artesia Offsite Construction
- · Pinal County, Combs Road Kenworthy Road
- DBA Construction Master Service Agreement
- Mack Innovation Park
- SRPMIC, Pima Road Redevelopment
- City of Mesa, Reconstruct Anzio Ramp Falcon Field
- City of Buckeye, South Apron & Taxiway Reconstruction Phase II

AMERICAN CONCRETE INSTITUTE

This is to certify that

JASON P AROIIO

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician - Grade I

Certified Date: 05/14/2021

Expires: 05/13/2026

Examiner of Record: Mr James M Willson

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

ARIZONA TECHNICAL TESTING INSTITUTE



This is to certify that

JASON AROLLO

Certificate No. 18199F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: November 6, 2021 Expires: November, 2026 Lead Proctor: David Coronado

Report Print Date: 10/22/21

PTI Certification Results Report

Level 1 and 2 Slab-on-Ground Inspector

Testing Session Information:

Session: 213360

Exam Date: 10/17/2021

Sponsoring Group: Examiner on Record: Post-Tensioning Institute

Fabrice Brugere

Exam Location:

PROTEX in, AZ

Phone:

(248) 848-3180 EXT 2

Examinee Information

JASON P AROLLO 1102 W Southern Ave Ste 4 Tempe, AZ 85282-4558

Certification ID 02126839

Status Information

Certification Status: CERTIFIED

Level 1 Slab-on-Ground Inspection

Certification Issue/Expiration

10/17/2021 / 10/16/2025

PTI Comments:

Congratulations! You are now certified. We will be happy to confirm this credential to anyone upon request. Enclosed is your Wallet Card and Certification Results attesting this certification. In addition, a directory of all PTI Certified individuals can be found at www.Post-Tensioning.org.

Certification Results

AL - Overall Written Examination

86.67%

PASS

To pass the written examination you must score 70% or higher on the written examination.

If you have any questions about this program, or other PTI activity, please feel free to contact us at 248-848-3183.



Certificate ID: EA6F9A279B50C33B Hazmat Certification as required by U.S DOT and IATA This certifies that **Jason Arollo** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Nov 12, 2026 Nov 13, 2023 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Date 11/13/2023 Title Radiation Safety Officer Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com



AMERICAN CONCRETE INSTITUTE

This is to certify that

ADAM W BLANKENSHIP

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

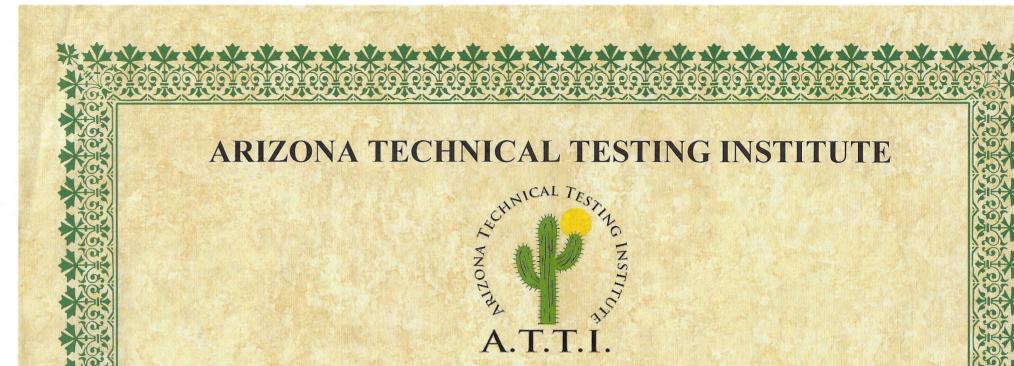
Certified Date: 01/21/2023

Expires: 01/20/2028

Examiner of Record: Bryan R Castles

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify



This is to certify that

ADAM BLANKENSHIP

Certificate No.19130F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: OCTOBER 26, 2024 Expires: OCTOBER 2029 Lead Proctor: Anthony Avalos

Hazmat Certification as required by U.S DOT and IATA This certifies that **Adam Blankenship** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Jul 03, 2024 Jul 02, 2027 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Signature ____ Radiation Safety Officer Date 7/15/2024 Title Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

Adam Blankenship Carolyn Perry OSHA 10 Certificate of Completion Monday, September 9, 2024 11:11:03 AM image001.png



CERTIFICATE OF COMPLETION

This certifies that

Adam Blankenship

has successfully completed the course

OSHA 10 Hour Outreach Training Program - General Industry







Credit Hours



Completion Date





Jason Cole, Trainer C 26-0113289 and G 26-0084457

"As an OSHA Outreach Training Program trainer, I affirm that I have conducted this OSHA Outreach Training Program training class in accordance with OSHA Outreach Training Program requirements. I will document this class to my OSHA Authorizing Training Organization.

Upon successful review of my documentation, I will provide each student their course completion card within 90 calendar days of the end of the class."

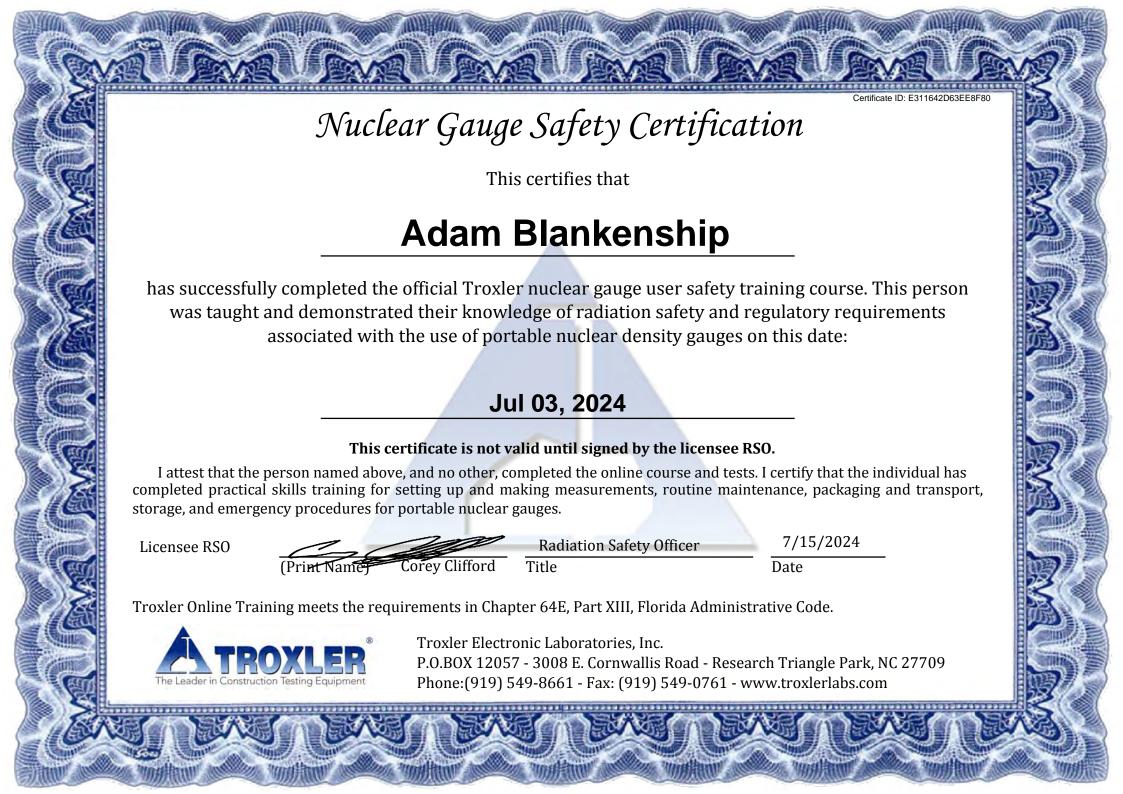
"As an IACET Accredited Provider, 360 training.com, Inc. offers IACET CEUs for its learning events that comply with the ANSI/IACET Continuing Education and Training Standard."

THIS CERTIFICATE IS NON-TRANSFERABLE

6504 Bridge Point Parkway, Suite 100 | Austin, TX 78730 | 360training com

QT, Materials Technician 175 S Hamilton PI, Bldg 6, Ste #114 Gilbert, AZ 85233

O: 480.496.2000 | M: 480.359.0281



Salt River Pima-Maricopa **Indian Community** In the event of a discovery please contact us immediately **EPNR Discovery Hotline** 480 362-7500

Adam Blankensnip Cultural Preservation Program 480 362-6325

Community Development Department 480 362-7600

Lanell Poseyesva, Archaeologist Direct 480 362-3166 / Mobile 602 757-8178

Shane Anton, THPO Manager Direct 480 362-6331 / Mobile 480 452-2561

Juan Nieto, Operations Manager

Direct 480 362-2612 / Mobile 480 294-9162

Brittany Barranca, Registration Coordinator

Direct 480 362-5713



years from date above.



City of Phoenix

Street Transportation Department / DCM

This is to Certify That: Adam Blankenship

(QT Only)

Is Registered as: ACI / ATTI

Expires: 12/31/2026

STATE OF ARIZONA BOARD OF TECHNICAL REGISTRATION 1110 W Washington Street, Suite 240, Phoenix, AZ 85007



Name: Michael Jauch Registration #: 27298 Profession: Civil Engineer Grant Date: July 27, 1993

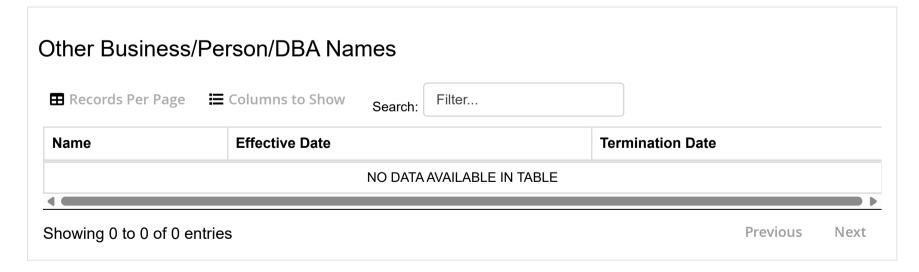
Expiration Date: September 30, 2026

9/8/25, 10:45 AM

General License

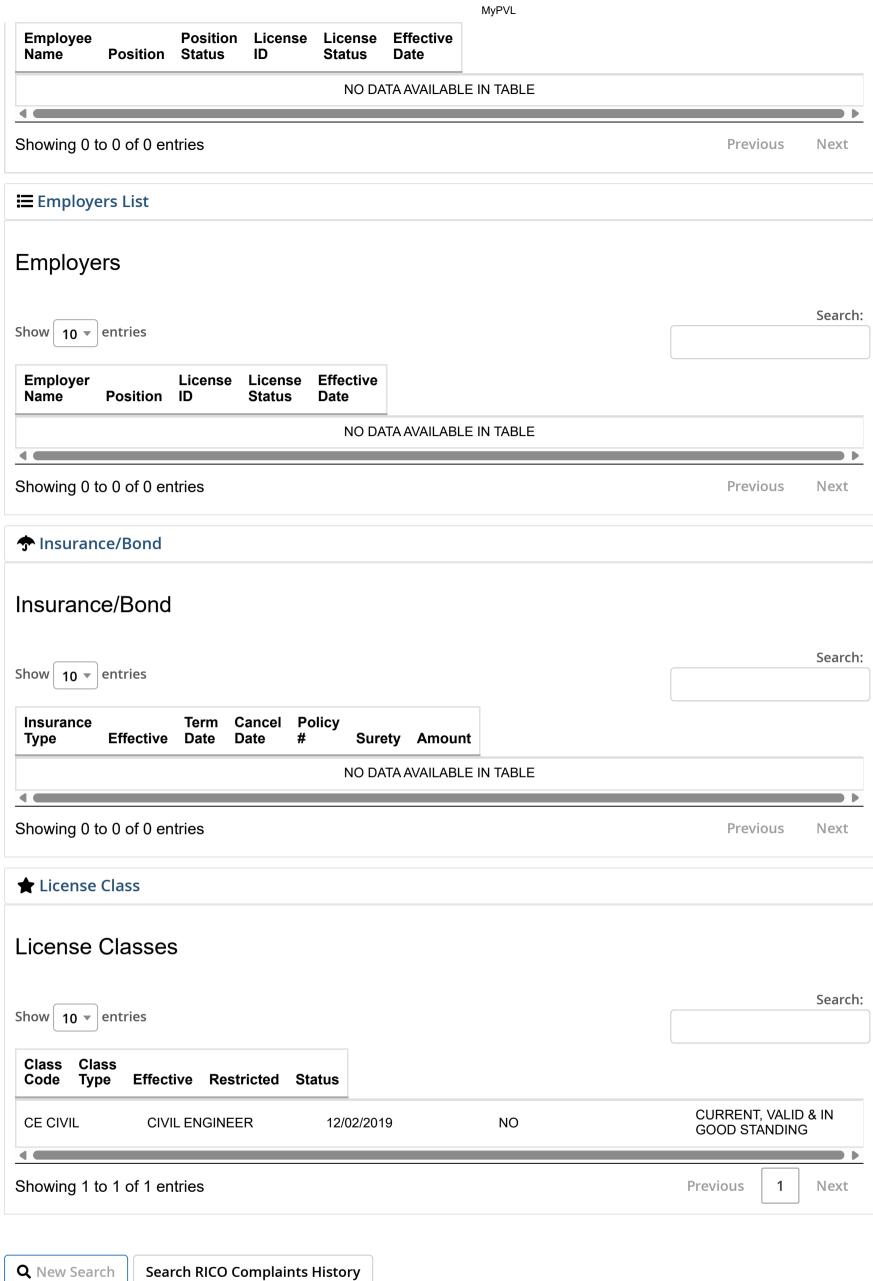
License ID PE-18838 **License Type** PROFESSIONAL ENGINEER **Legal License Name** MICHAEL H JAUCH **Status** CURRENT, VALID & IN GOOD STANDING **Entity Type** INDIVIDUAL **Active/Inactive ACTIVE Original License Date** 12/02/2019 **Expiration Date** 04/30/2026 Restriction **Trade/Professional Name Special Privilege Conditions & Limitations Class Prefix Business Code Business Address**

MyPVL



≡ Employees List	
Employees	
Show 10 ▼ entries	Search:

9/8/25, 10:45 AM



ARIZONA TECHNICAL TESTING INSTITUTE



This is to certify that

James Juarez

Certificate No. 18829F

has demonstrated knowledge and ability by successfully completing the AASHTO Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

AASHTO R90 AASHTO R97 AASHTO R66 AASHTO R76 AASHTO R67 AASHTO T191 AASHTO T217 AASHTO T272 AASHTO T99 AASHTO T19 AASHTO T310 AASHTO T355 AASHTO 7265 AASHTO T255

Date: April 26, 2025 Expires: April 2030 Lead Proctor: David Coronado

Hazmat Certification as required by U.S DOT and IATA This certifies that **James Juarez** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. May 22, 2023 May 21, 2026 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Radiation Safety Officer 5/5/2023 Title Date Corey Clifford Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com



AMERICAN CONCRETE INSTITUTE

This is to certify that

MATHEW L KASLER

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician - Grade I

Certified Date: 03/15/2024 Expire

Expires: 03/14/2029

Examiner of Record: Mr Joseph A Phillips

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

AMERICAN CONCRETE INSTITUTE

This is to certify that

MATTHEW L KASLER

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Strength Testing Technician

Certified Date: 07/17/2021

Expires: 07/16/2026

Examiner of Record: Bryan R Castles

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify





This is to certify that

MATHEW KASLER

Certificate No.16783F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: MAY 11, 2024 Expires: MAY 2029 Lead Proctor: Josh Bailey

Certificate of Completion

Mat Kasler

Has successfully completed the 6 - hour AGC-ADOT Erosion Control Coordinator Training Refresher Course

Completed: February 14, 2025 Expires: February 14, 2028

Kevin Boesch, CPESC SWCA Environmental Consultants



E. Le Roy Brady

E. LeRoy Brady, Chief Landscape Architect ADOT Roadside Development Section



Hazmat Certification as required by U.S DOT and IATA This certifies that **Mathew Kasler** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Jan 27, 2028 Jan 28, 2025 Date **Expires EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer Date 1/28/2025 Corey Clifford Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

Certificate ID: BEE48AB5CF3529A

Nuclear Gauge Safety Certification

This certifies that

Mathew Kasler

has successfully completed the official Troxler nuclear gauge user safety training course. This person was taught and demonstrated their knowledge of radiation safety and regulatory requirements associated with the use of portable nuclear density gauges on this date:

Nov 02, 2021

This certificate is not valid until signed by the licensee RSO.

I attest that the person named above, **and** no other, completed the online **course** and tests. I certify that the individual has completed practical skills training for setting up and making measurements, routine maintenance, packaging and transport, storage, and emergency procedures for portable nuclear gauges.

Licensee RSO

(Print Name) COREY (LIFFUR) Title

Date

Troxler Online Training meets the requirements in Chapter 64E, Part XIII, Florida Administrative Code.



Troxler Electronic Laboratories, Inc.
P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709
Phone:(919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com





Transportation Curriculum Coordination Council (TC3)

CERTIFICATE OF TRAINING

Mathew L Kasler

HAS PARTICIPATED IN:

AT-TC3CN008-15-T1
Plan Reading Series (8 PDHs)

WEB-BASED COURSE

1/31/2022

PDH 8.0 Hours

King Gee // AASHTO Director of Engineering and Technical Services (J) 13-C+

Dave Bernhardt // TC3, Chair; Commissioner of Maine Department of Transportation





Transportation Curriculum Coordination Council (TC3)

CERTIFICATE OF TRAINING

Mathew L Kasler

HAS PARTICIPATED IN:

AT-TC3CN001-15-T1
Daily Diary Basics (1 hour)

WEB-BASED COURSE

1/7/2024

1 hour

Jim hugamell

Jim McDonnell // AASHTO Director of Engineering

(D) 13-C+

Dave Bernhardt // TC3, Chair; Commissioner of Maine Department of Transportation



My Transcript

Student Name	Student ID #	RACF ID	Unit	Job Title
Kasler, Mathew	mkasler2@azdot.gov	F0181	4310	Quality Testing

					Completion Date	Expiration Date		Estimated Duration
Activity Name	Activity Code	Activity Type	Status	Start Date		•	Score	(Hours)
ADOT Computer Security Awareness Training	GEN1356W	Online Learning	Passed	4/4/23	4/4/23	4/2/24	89	1.0
Title VI Nondiscrimination Program	MDT1097W	Online Learning	Passed	4/3/23	4/3/23	4/1/24	90	1.0



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Mathew Kasler

has attended

Traffic Control Technician-AZ State Specific

Training Course

11/10/2021 to 11/10/2025 Training Valid Through Ramgs8nlh
Director of Training

Alaces Tetachuer

Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.





City of Phoenix
Street Transportation Department / PDD

This is to Certify That: Matt Kasler

(QT Only)

Is Registered as: ACI / ATTI

Expires: 03/14/2029

AMERICAN CONCRETE INSTITUTE

This is to certify that

JUSTIN B MARGULIS

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician - Grade I

Certified Date: 10/20/2023

Expires: 10/19/2028

Examiner of Record: Mr Joseph A Phillips

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify

ACI Certification Results Report

ACI Concrete Field Testing Technician - Grade I

Testing Session Information:

Session: 235381 Exam Date: 10/20/2023 Exam Location: Tempe, AZ

ACI Sponsoring Group: Arizona Chapter ACI Examiner of Record: Mr Joseph A Phillips

Examinee Information

Certification ID 01636317

Report Print Date: 11/2/23

JUSTIN B MARGULIS 1351 N Pleasant Dr Ste 114 Chandler, AZ 85225-6575

Status Information

Certification Status: CERTIFIED ACI Concrete Field Testing Technician – Grade I

Certification Issue Date: 10/20/2023 Thru 10/19/2028

Overall Results

Overall Written Examination PASS
Overall Performance Examination PASS

Detailed Subtest Results

To pass the written examination you must 1) score 60% or higher on each written subtest and 2) score 70% or higher on the overall written examination.

To pass the performance examination you must pass all 7 subtests in one session.

<u>Qualification</u>	<u>P/F - Session</u>	<u>% Score</u>
Overall Written Examination	PASS - 235381	85.45
Overall Performance Examination	PASS - 235381	100.00
Performance Subtest C1064	PASS - 235381	100.00
Performance Subtest C138	PASS - 235381	100.00
Performance Subtest C143	PASS - 235381	100.00
Performance Subtest C172	PASS - 235381	100.00
Performance Subtest C173	PASS - 235381	100.00
Performance Subtest C231	PASS - 235381	100.00
Performance Subtest C31	PASS - 235381	100.00
Written Subtest C1064	PASS - 235381	100.00
Written Subtest C138	PASS - 235381	100.00
Written Subtest C143	PASS - 235381	100.00
Written Subtest C172	PASS - 235381	62.50
Written Subtest C173	PASS - 235381	75.00
Written Subtest C231	PASS - 235381	70.00
Written Subtest C31	PASS - 235381	100.00

ARIZONA TECHNICAL TESTING INSTITUTE



This is to certify that

JUSTIN MARGULIS

Certificate No.17502F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: DECEMBER 2, 2023 Expires: DECEMBER 2028 Lead Proctor: Anthony Avalos

Catificate of Completion

Justin Margulis

Has successfully completed the 16-hour AGC-ADOT

Erosion Control Coordinator Training

May 8-9, 2024 (Expires May 2027)

Phoenix, Arizona

ARIZONA CHAPTER AGC

E. Leloy Brady

Kevin Boesch, CPESC SWCA Environmental Consultants

E. LeRoy Brady, Chief Landscape Architect ADOT Roadside Development Section

Justin Marguits QT, Inspector 175 S. Hamilton Place, Blg 6, Ste 114 Gilbert, AZ 85233 Office: (480) 496-2029 Cell: (480) 277-3091

On May 10, 2024, at 6:54 AM, Carolyn Perry
 <cperry@qt-az.com> wrote

Send certificate please.

Carolyn Perry QT, Equip Mgr/Certification Coordinator 175 S. Hamilton PL Bidg 6 Ste. 114 Gilbert. AZ 85233



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Justin Margulis

has attended

Traffic Control Technician Virtual Training

Training Course

6/9/2023 to 6/9/2027 Training Valid Through CEU: 0.75

Vice President of Education and Technical Training

Alace Texachuer

Dome M. Clark

Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.



Nuclear Gauge Safety Certification

This certifies that

Justin Margulis

has successfully completed the official Troxler nuclear gauge user safety training course. This person was taught and demonstrated their knowledge of radiation safety and regulatory requirements associated with the use of portable nuclear density gauges on this date:

Oct 18, 2018

This certificate is not valid until signed by the licensee RSO.

I attest that the person named above, and no other, completed the online course and tests, I certify that the individual has completed practical skills training for setting up and making measurements, routine maintenance, packaging and transport, storage, and emergency procedures for portable nuclear gauges.

Licensee RSO

Print Name)

R.5.0. 10/18/18

KOBERT H.C Troxler Online Training meets the requirements in Chapter 64E, Part XIII, Florida Administrative Code.



Troxler Electronic Laboratories, Inc.

P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709

Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

Certificate ID: AB4B524D4EC35FD1 Hazmat Certification as required by U.S DOT and IATA This certifies that Justin Margulis has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. May 28, 2025 May 27, 2028 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer Date 5/28/2025 Corey Clifford Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com



City of Phoenix

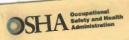
Street Transportation Department / PDD

This is to Certify That: Justin Margulis

Is Registered as: ACI / ATTI

Expires: 10/19/2028

(QT Only)



36-005939337

This card acknowledges that the recipient has successfully completed a 10-hour Occupational Safety and Health Training Course in Construction Safety and Health

JUSTIN MARGULIS

Peter Rice 97357

4/28/2017

(Trainer name - print or type)

(Course end date)

From: <u>trainingadministration@azdot.gov</u>

To: <u>Carolyn Perry</u>

Subject: Confirmation of Training Completion

Date: Friday, November 15, 2019 8:21:05 AM

****** PLEASE DO NOT RESPOND TO THIS EMAIL ******



To: Justin Margulis, Org LTAP

Re: Pay Item/Daily Diary Documentation, ID# 0000111899

Congratulations!

You successfully completed Pay Item/Daily Diary Documentation dated 11/12/2019.

Your training transcript has been updated accordingly. Keep this email for your records. If you have any questions, the contact for this class is: Technical Learning & Development - 602.712.4050 - TTraining@azdot.gov.

 From:
 Justin Margulis

 To:
 Carolyn Perry

Subject: Fwd: Confirmation of Training Completion

Date: Friday, February 14, 2020 2:58:04 AM

----- Forwarded message -----

From: <<u>trainingadministration@azdot.gov</u>> Date: Mon, Jan 27, 2020 at 11:29 AM

Subject: Confirmation of Training Completion

To: Justin Margulis < jmargulis.consultant@azdot.gov>

Cc: < ITDRentATech@azdot.gov>

****** PLEASE DO NOT RESPOND TO THIS EMAIL ******



To: Justin Margulis, Org 4310

Re: Pcc Paving - 203, ID# 0000112631

Congratulations!

You successfully completed PCC Paving - 203 dated 1/14/2020.

Your training transcript has been updated accordingly. Keep this email for your records. If you have any questions, the contact for this class is: Technical Learning & Development - 602.712.4050 - Training@azdot.gov.

Status Notification - ADOT Computer Security Awareness Training, ID# GEN1356W ADOTLearning@sumtotalsystems.com <ADOTLearning@sumtotalsystems.com> To: jmargulis@azdot.gov

Thu, Apr 11, 2024 at 2:00 PM

** This is an automated email. Please do not reply **

Congratulations, you've successfully completed the below activity. Your Transcript has been updated.

Activity Name: ADOT Computer Security Awareness Training Activity Code: GEN1356W Score: 86

For further details, please contact: ADOT Learning and Development (ALD)

602.712.8155
 ALD@azdot.gov

Thank you

Cc: i4@azdot.gov

Justin Margulis,

Thu, Apr 11, 2024 at 2:45 PM

Justin Margulis,

Activity Name: Title VI Nondiscrimination Program Activity Code: MDT1097W

Congratulations, you've successfully completed the below activity. Your Transcript has been updated.

Score: 80 For further details, please contact:

ADOT Learning and Development (ALD) 602.712.8155
 ALD@azdot.gov

Thank you

AMERICAN CONCRETE INSTITUTE

This is to certify that

FERNANDO MUNOZ

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician – Grade I

Certified Date: 06/20/2025

Expires: 06/19/2030

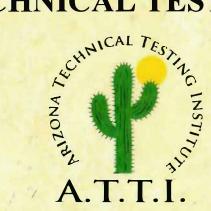
Examiner of Record: Mr Joseph A Phillips

ACI Managing Director of Certification

John W my

The Authenticity of this certification can be verified at www. ACICertification .org/verify





This is to certify that

FERNANDO MUNOZ

Certificate No.18490F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: OCTOBER 29, 2022 Expires: OCTOBER 2027 Lead Proctor: JOSH BAILEY



Hazmat Certification as required by U.S DOT and IATA This certifies that **Fernando Munoz** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Jun 04, 2025 Jun 03, 2028 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer 6/4/2025 Date Corey Clifford Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com

Salt River Pima-Maricopa Indian Community In the event of a discovery please contact us immediately EPNR Discovery Hotline 480 362-7500

Cultural Preservation Program 480 362-6325
Community Development Department 480 362

Lanell Poseyesva, Archaeologist Direct 480 362-3166 / Mobile 602 757-8178

Shane Anton, THPO Manager
Direct 480 362-6331 / Mobile 480 452-2561
Juan Nieto, Operations Manager
Direct 480 362-2612 / Mobile 480 294-9162
Brittany Barranca, Registration Coordinator
Direct 480 362-5713







City of Phoenix

Street Transportation Department / PDD

This is to Certify That: Fernando Munoz

(QT Only)

Is Registered as: ACI / ATTI

Expires: 07/24/2025

ACI Certification Results Report

ACI Concrete Field Testing Technician - Grade I

Testing Session Information:

Session: 245254 Exam Date: 09/20/2024 Exam Location: Phoenix, AZ

ACI Sponsoring Group: Arizona Chapter ACI Examiner of Record: Mr Joseph A Phillips

Examinee Information

Certification ID 01896305

Report Print Date: 10/10/24

William S Oneal Iv 2843 E Avalon Dr

Phoenix, AZ 85016-7501

Status Information

Certification Status: CERTIFIED ACI Concrete Field Testing Technician – Grade I

Certification Issue Date: 09/20/2024 Thru 09/19/2029

Overall Results

Overall Written Examination PASS
Overall Performance Examination PASS

Detailed Subtest Results

To pass the written examination you must 1) score 60% or higher on each written subtest and 2) score 70% or higher on the overall written examination.

To pass the performance examination you must pass all 7 subtests in one session.

Overall Written Examination PASS - 245254 87.27 Overall Performance Examination PASS - 245254 100.00 Performance Subtest C1064 PASS - 245254 100.00 Performance Subtest C138 PASS - 245254 100.00 Performance Subtest C143 PASS - 245254 100.00 Performance Subtest C172 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C172 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	<u>Qualification</u>	P/F - Session	<u>% Score</u>
Performance Subtest C1064 PASS - 245254 100.00 Performance Subtest C138 PASS - 245254 100.00 Performance Subtest C143 PASS - 245254 100.00 Performance Subtest C172 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Overall Written Examination	PASS - 245254	87.27
Performance Subtest C138 PASS - 245254 100.00 Performance Subtest C143 PASS - 245254 100.00 Performance Subtest C172 PASS - 245254 100.00 Performance Subtest C173 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Overall Performance Examination	PASS - 245254	100.00
Performance Subtest C143 PASS - 245254 100.00 Performance Subtest C172 PASS - 245254 100.00 Performance Subtest C173 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C1064	PASS - 245254	100.00
Performance Subtest C172 PASS - 245254 100.00 Performance Subtest C173 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C138	PASS - 245254	100.00
Performance Subtest C173 PASS - 245254 100.00 Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C143	PASS - 245254	100.00
Performance Subtest C231 PASS - 245254 100.00 Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C172	PASS - 245254	100.00
Performance Subtest C31 PASS - 245254 100.00 Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C173	PASS - 245254	100.00
Written Subtest C1064 PASS - 245254 100.00 Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C231	PASS - 245254	100.00
Written Subtest C138 PASS - 245254 75.00 Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Performance Subtest C31	PASS - 245254	100.00
Written Subtest C143 PASS - 245254 87.50 Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Written Subtest C1064	PASS - 245254	100.00
Written Subtest C172 PASS - 245254 87.50 Written Subtest C173 PASS - 245254 100.00	Written Subtest C138	PASS - 245254	75.00
Written Subtest C173 PASS - 245254 100.00	Written Subtest C143	PASS - 245254	87.50
	Written Subtest C172	PASS - 245254	87.50
N/W 0 1/ 10004	Written Subtest C173	PASS - 245254	100.00
Written Subtest C231 PASS - 245254 90.00	Written Subtest C231	PASS - 245254	90.00
Written Subtest C31 PASS - 245254 75.00	Written Subtest C31	PASS - 245254	75.00



This is to certify that

WILLIAM ONEAL

Certificate No. 18035F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: March 6, 2021 Expires: March, 2026 Lead Proctor: David Coronado

Certificate of Training

this certifies that

William Oneal

has successfully completed the training program requirements for

Traffic Control Technician (TCT) Online Exam



Awarded on this

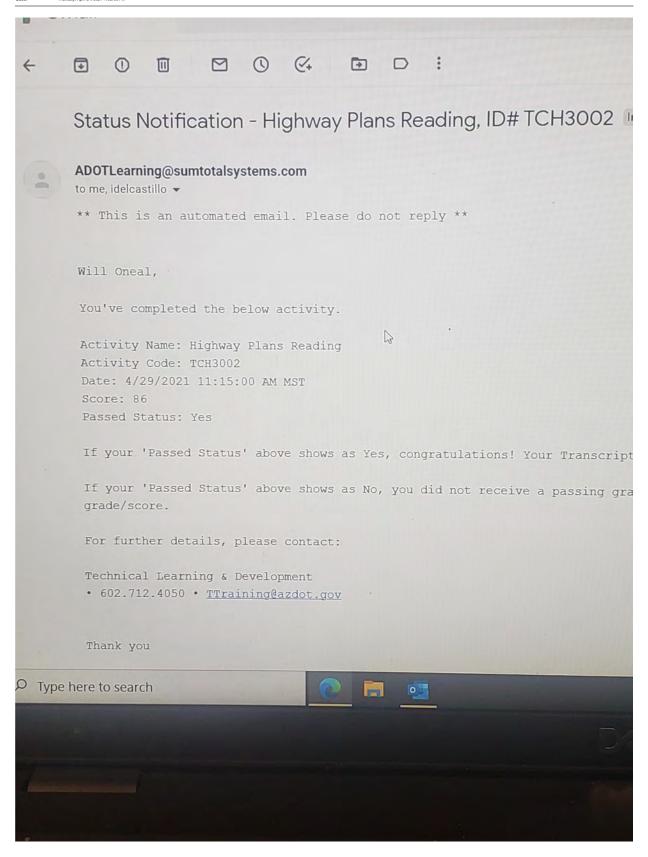
19th

day of

April 2021

Certificate ID: 9D84C52EDAD488F5 Hazmat Certification as required by U.S DOT and IATA This certifies that Will Oneal has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. May 13, 2024 May 12, 2027 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer 5/14/2024 Date Corey Clifford Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com





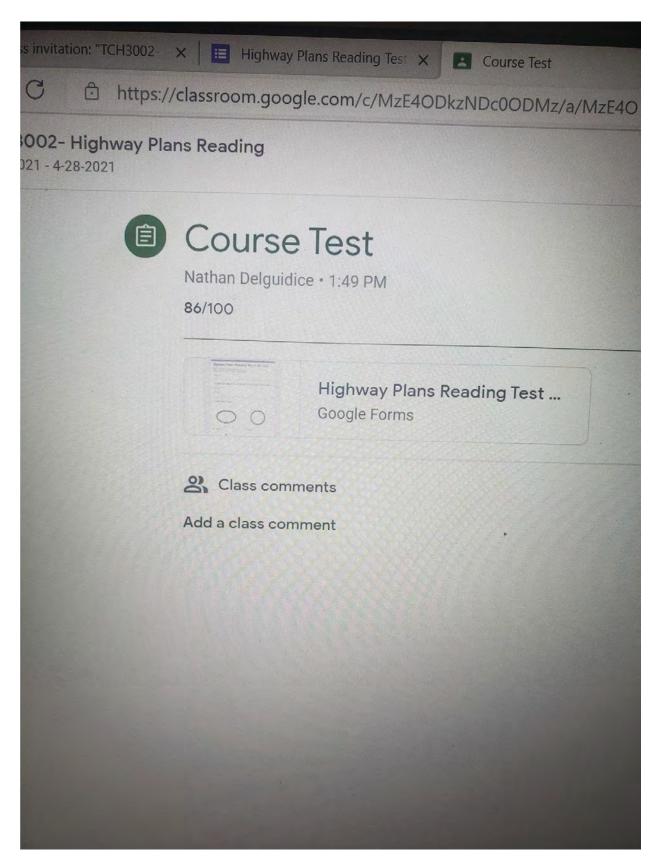
Sent from my Verizon, Samsung Galaxy smartphone Get Outlook for Android

Sent: Thursday, April 29, 2021 1:02:48 PM
To: Will Oneal <WOneal@qt-az.com>
Subject: RE: Highway plans reading quiz results

Hi Will, If you can send me pic that shows your name on it. Thanks

Carolyn Perry
Quality Testing, LLC
175 S. Hamilton Pl, Bldg 6, Ste 114
Gilbert, AZ 85233
(480) 496-2000 – Office
(480) 496-2001 – Fax
(480) 415-0376 – Cell
www.qt-az.com

From: Will Oneal < WOneal@qt-az.com>
Sent: Wednesday, April 28, 2021 6:00 PM
To: Carolyn Perry < CPerry@qt-az.com>
Subject: Highway plans reading quiz results



AMERICAN CONCRETE INSTITUTE

This is to certify that

WILLIAM S ONEILL

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician - Grade I

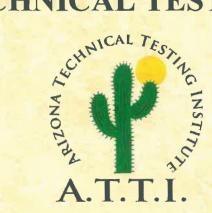
Certified Date: 02/16/2024

Expires: 02/15/2029

Examiner of Record: Mr Alf Wold

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify



This is to certify that

WILLIAM O'NEILL

Certificate No.11363FS

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: AUGUST 12, 2023 Expires: AUGUST 2028 Lead Proctor: Francisco Aranas



This is to certify that

WILLIAM O'NEILL

CERTIFICATION NO. 11363AFS

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Soils/Aggregate Level I Technician"

ARIZ 105 ARIZ 201 ARIZ 210 ARIZ 211 ARIZ 212 ARIZ 225 ARIZ 233 ARIZ 236 ARIZ 245 AASHTO T11 AASHTO T19 AASHTO T21 AASHTO T89 AASHTO T90 AASHTO T176 AASHTO R76 AASHTO T255 AASHTO T265

Date: June 8, 2019 Expires: June, 2024 Lead Proctor: Josh Bailey



This is to certify that

WILLIAM O'NEILL

Certificate No. 11363AFS

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Asphalt Technician"

ARIZ 103 ARIZ 104 ARIZ 247 ARIZ 406 ARIZ 410 ARIZ 415 ARIZ 416 ARIZ 417 ARIZ 421 ARIZ 424 ARIZ 427 AASHTO T312 ARIZ 428 (Appendix A)

Date: September 24, 2022 Expires: September 2027 Lead Proctor: Dan Brock



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

William O'Neill

has attended

Traffic Control Technician

Training Course

8/25/2022 to 8/25/2026 Training Valid Through

Phoenix, AZ Location

Lamgs8nlh
Director of Training

Alaces Tetachuer

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.





PROOF OF CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

William O'Neill

has demonstrated a thorough knowledge of the standards, guidelines and practices of traffic control in highway construction and maintenance work areas; has completed all the requirements of the American Traffic Safety Services Association Certification Program to the satisfaction of the Certification Board; and is hereby awarded the designation of:

Traffic Control Technician

This certified Individual is fully entitled to all the rights and privileges associated with this designation. This certificate will remain in effect until the expiration date noted herein unless otherwise revoked by action of the Certification Board.

Issue Date: 8/25/2022

Expiration Date: 8/24/2026

Certification #: 557810

Training Director



Certificate of Completion

William O'Neill

Has successfully completed the 16 - hour AGC-ADOT

Erosion Control Coordinator Training

May 18-19, 2022

Phoenix, Arizona

(Expires May 2025)

An C. Bowl

Kevin Boesch, CPESC Logan Simpson Design, Inc.



E. Leloy Brady

E. LeRoy Brady, Chief Landscape Architect ADOT Roadside Development Section

Certificate ID: 7D391AF0FF1C55D5 Hazmat Certification as required by U.S DOT and IATA This certifies that William ONeill has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Feb 27, 2023 Feb 26, 2026 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer 3/3/2023 Date Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com



Excavation Safety for Competent Person Training



William Oneill

Has Successfully Completed the Excavation Competent
Person Training

2/7/2018 Date

2/8/2019 Expires

Walter Aguirre Trainer



MANUFACTURER'S ADHESIVE ANCHOR INSTALLER TRAINING

This certifies that William O'Neill has reviewed the basic fundamentals of installing Hilti adhesive anchoring. The participant has been provided information on general topics including printed installation instructions, equipment, expiration and storage, concrete condition, hole cleaning, and adhesive injection.by completing Basic Adhesive Anchor Installer Training on HILTI ACADEMY: contact Academy@Hilti.com for enquiries.

COURSE ID: AN.AAIT_W1_EN | DURATION: 1:00:00 | 0.10 CEU's on 1/31/2025 | CERTIFICATE C234467 | EXP.1/31/2028

I have received instruction on the correct selection and installation of the Hilti anchoring systems and products specified and agree to comply with all rules and regulations governing their use.

Participant Signature U.S. Ohea Date: 2/24/25



MANUFACTURER'S ADHESIVE ANCHOR INSTALLER TRAINING

For more information:

- Refer to your Hilti Product Data Sheet
- Visit <u>www.hilti.com</u>
- Contact your local Hilti Field Engineer

Hilti, Inc. 1-800-879-8000 <u>www.hilti.com</u> En español 1-800-879 5000

Hilti (Canada) Corporation 1-800-363-4458 | www.hilti.ca

AMERICAN CONCRETE INSTITUTE

This is to certify that

JOSHUA J PARDO

has demonstrated knowledge and ability by successfully completing the ACI Certification requirements and is hereby recognized as an

ACI Concrete Field Testing Technician - Grade I

Certified Date: 10/18/2024

Expires: 10/17/2029

Examiner of Record: Mr Alf Wold

ACI Managing Director of Certification

The Authenticity of this certification can be verified at www. ACICertification .org/verify



This is to certify that

Joshua Pardo

Certificate No. 19006F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: January 4, 2025 Expires: January 2030 Lead Proctor: Anthony Avalos

Hazmat Certification as required by U.S DOT and IATA This certifies that **Josh Pardo** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Feb 21, 2027 Feb 22, 2024 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Radiation Safety Officer Date 2/29/2024 Title Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com





City of Phoenix

Street Transportation Department / PDD

This is to Certify That: Joshua Pardo

(QT Only)

Is Registered as: ACI / ATTI

Expires: 10/17/2029



Salt River Pima-Maricopa
Indian Community
In the event of a discovery please contact us immediately
EPNR Discovery Hotline:
480 362-7500

Cultural Preservation Program 480 362-6325

Community Development Department 480 362-7600

Lanell Poseyesva, Archaeologist Direct 480 362-3166 / Mobile 602 757-8178

Shane Anton, THPO Manager
Direct 480 362-6331 / Mobile 480 452-2561
Juan Nieto, Operations Manager
Direct 480 362-2612 / Mobile 480 294-9162
Brittany Barranca, Registration Coordinator
Direct 480 362-5713



9/9/24

ACI Concrete Field Testing Technician – Grade I

TRENT A RITTER

Certification ID #00069045 Expires on: 01/19/2028





To verify the certification listed on this card, please visit: www.checkACl.org

For information regarding ACI programs and their content, contact:

American Concrete Institute 38800 Country Club Drive Farmington Hills, MI 48331 (248) 848-3790 ACI.Certification@concrete.org www.ACICertification.org

This card is the property of the American Concrete Institute.

Unauthorized reproduction or misuse of this card may result in legal action.

6/25/25, 4:45 AM Certificate



Trent Ritter

has attended Traffic Control Technician

Completed: 23-JUN-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.

American Traffic Safety Services Association ATSSA.com





This is to certify that

Trent Ritter

Certificate No. 10836F

has demonstrated knowledge and ability by successfully completing the ATTI Certification requirements listed below and is hereby recognized as an

"ATTI Field Technician"

ARIZ 103 ARIZ 104 ARIZ 105 ARIZ 225 ARIZ 227 ARIZ 229 ARIZ 230 ARIZ 232 ARIZ 235 ARIZ 246 ARIZ 412 AASHTO T217 AASHTO R76

Date: NOVEMBER 23, 2024 Expires: NOVEMBER 2029 Lead Proctor: David Coronado

Certificate ID: 622BF351388AD4C2 Hazmat Certification as required by U.S DOT and IATA This certifies that **Trent Ritter** has been trained and tested in accordance with the U.S. Department of Transportation and International Air Transport Association (IATA) hazardous material requirements for general awareness/familiarization, functionspecific, safety and security awareness training as related to the transportation of nuclear gauges. A description of the training course materials is available from Troxler Electronic Laboratories, Inc. Aug 27, 2024 Aug 26, 2027 **Expires** Date **EMPLOYER CERTIFICATION** I certify that the hazmat employee identified on this certificate has been trained and tested as required by U.S. DOT Hazardous Material Regulations (49 CFR 172 Subpart H). Title Radiation Safety Officer 8/30/2024 Date Troxler Electronic Laboratories, Inc. P.O.BOX 12057 - 3008 E. Cornwallis Road - Research Triangle Park, NC 27709 Phone: (919) 549-8661 - Fax: (919) 549-0761 - www.troxlerlabs.com



26-606085440

This card acknowledges that the recipient has successfully completed:

30-hour Construction Safety and Health

TRENT RITTER

Jason Lane Cole

04/06/2023

Trainer Name

Date of Issue



866-906-9190 www.uta.edu/ded/osha

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial eminial fines, imprisonment up to 5 years, or both.

To verify this training, scan the QR code with your mobile device.



Rev. 1/2016





Board of Technical Registration

Kenneth Sander

Having exhibited to the Arizona State Board of Technical Registration satisfactory evidence of good moral character and of qualifications and proficiency, is hereby authorized to practice professionally in the state of Arizona and use the title of

CIVIL ENGINEER

In witness thereof, the Board grants certificate number 64392 and affixes the seal of this board at Phoenix, Arizona this 26th day of May, 2017

son Madison, Board Chair

Angel Alejandro Vice Chair

STATE OF HAWAII

DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS



BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS

hereby certifies that on the date hereof

KENNETH J SANDER

was duly licensed as a

PROFESSIONAL ENGINEER

and is therefore authorized to practice this Profession

within the State of Hawaii

In witness whereof, this License has been issued and the Seal of the Board affixed hereto, this 23rd day of November, A.D. 2012 at Honolulu, Hawaii.

No. 15238



General License

License ID

PE-15238

License Type

PROFESSIONAL ENGINEER

Legal License Name

KENNETH J SANDER

Status

CURRENT, VALID & IN GOOD STANDING

Business Address

-

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

11/23/2012

Expiration Date

04/30/2026

Restriction

-

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

Business Code

-

Educational Code

--





About ~

Meetings v

For Applic

Home / 66052 / 64392

64392

First Name Kenneth

Last Name Sander

License Status

Active

Discipline

ENGINEER/CIVIL

Initial Registration Date 26 May 2017

Expiration Date 30 Jun 2026

Address Line 1

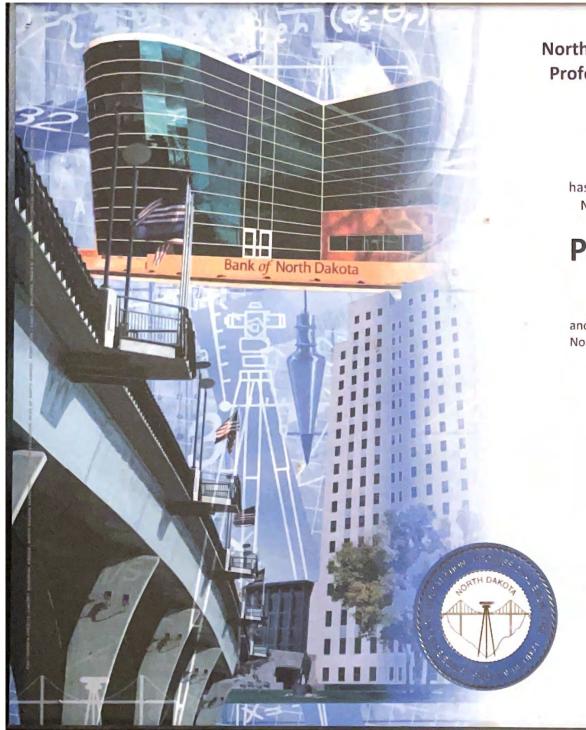
175 S Hamilton Place

Address Line 2

Building 6, Suite 114

City Gilbert

State Arizona



North Dakota State Board of Registration for Professional Engineers and Land Surveyors certifies that

Kenneth J Sander

has met the requirements in Chapter 43-19.1 of the North Dakota Century Code for registration as a

Professional Engineer

PE-6540

and is authorized to practice Professional Engineering in North Dakota as long as this certificate remains in force.

Date Issued

December 21, 2009

Chairman

15: Sol

Vice Chairman

Dean Wieland

Secretary



ndpelsboard.org/verify/results/



NORTH DAKOTA STATE BOARD OF REGISTRATION I PROFESSIONAL ENGINEERS AND LAND SURVEYOR

Professional License Search

Search Results

Name	License Type	License Number	Date Issued	Expiration Date
Sander, Kenneth J	Professional Engineer	PE-6540	12/21/2009	12/31/2026

Page 1 of 1

Search Again

North Dakota State Board of Registration for Professional Engineers and Land Surveyors 3255 Greensboro Dr., Ste 203
Bismarck, ND 58503
Phone: (701) 258-0786



KENNETH J SANDER

has successfully completed the following course:

10-Hr OSHA Training for the Construction Industry

and is awarded 1.0 CEU credits

2/8/2024

David Couch

OSHA Authorized Trainer
Construction #: 20-0107970 General #: 20-0079854

As an OSHA Outreach trainer, I verify that I have conducted this OSHA Outreach training class in accordance with OSHA Outreach Training Program requirements.

I will document this class to my OSHA Authorizing Training Organization. Upon successful review of my documentation,

I will provide each student their completion card within 90 days of the end of the class.

OSHA Authorized Provider:



Certificate #: 06900287



20-006383356

This card admowledges that the recipient has successfully completed

10-hour Construction Safety and Health

This card issued to:

Kenneth J Sander

David E Couch Jr.

2/15/2024

Trainer Name

Date Issued

Certificate of Completion

Kenneth Sander

Has successfully completed the 16-hour AGC-ADOT

Erosion Control Coordinator Training

May 8-9, 2024

(Expires May 2027)

Phoenix, Arizona

Kn C. Bours

Kevin Boesch, CPESC SWCA Environmental Consultants



E. LeRoy Brady

E. LeRoy Brady, Chief Landscape Architect ADOT Roadside Development Section



Kenneth Sander

has attended Traffic Control Supervisor

Completed: 17-JUL-2025

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.

American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kenneth Sander

has attended

Traffic Control Technician

Training Course

<u>1/25/2024</u> to <u>1/25/2028</u> Training Valid Through CEU: 0.75

Vice President of Education and Technical Training

Alace Texachuer

Dome M. Clark

Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

This certificate provides proof of training, not certification.



American Traffic Safety Services Association ATSSA.com

From: Kenneth Sander To: Carolyn Perry

Subject: FW: Status Notification - ATSSA - Workzone Traffic Control Technician, ID# TCH1168

Tuesday, February 20, 2024 11:06:03 AM Date: Attachments: 2024 ADOT Learner Transcript Log.pdf

Carolyn,

Please see ATSSA TCT completion email below. I have also attached my ADOT Transcript Log.

Thanks,

Ken Sander, PE

QT, Quality/Materials Engineer O: 480.496.2000 | M: 602.463.3291

From: Kenneth Sander <ksander@azdot.gov> Sent: Tuesday, February 20, 2024 11:01 AM **To:** Kenneth Sander < ksander@qt-az.com>

Subject: Fwd: Status Notification - ATSSA - Workzone Traffic Control Technician, ID# TCH1168

----- Forwarded message ------

From: <<u>ADOTLearning@sumtotalsystems.com</u>>

Date: Wed, Feb 14, 2024 at 4:05 PM

Subject: Status Notification - ATSSA - Workzone Traffic Control Technician, ID# TCH1168

To: < ksander@azdot.gov>

Cc: <i4@azdot.gov>

** This is an automated email. Please do not reply **

Kenneth Sander,

Congratulations, you've successfully completed the below activity. Your Transcript has been updated.

Activity Name: ATSSA - Workzone Traffic Control Technician Activity Code: TCH1168 Score: 100

For further details, please contact:

Technical Learning and Development (TLD) • 602.712.4050 • TTraining@azdot.gov

Thank you



Quality Testing, LLC 175 S Hamilton Place, Bldg 6, #114 Gilbert, AZ 85233 (480) 496-2000 • (480) 496-2001 www.qt-corp.com

SUB CONSULTANT: QT

PROJECT NAME: SR-80 Utility Infrastructure Improvements

PROJECT OWNER: City of Douglas

ESTIMATE NUMBER: 250909-01

Project Scope: The project scope includes installation of a water main between Cochise College and the City's Well #14 and other related improvements along the SR-80 corridor. The project duration is 411 calendar days, and QT will be providing full-time on-site inspector as well as field technician (ADOT S7 level) for testing.

Assumptions:

Estimate Amount Defined Scope: This cost proposal is considered an estimate, subject to the GENERAL INFORMATION/ASSUMPTIONS as defined herein. For the estimate amount, QT will perform construction materials sampling and testing, both field and lab, that is specifically identified in this cost estimate.

Cost Estimate Summary:

Total Extended QT Direct Billable Labor	\$ 406,452.58
(Includes QC Supervisor, QC Reporting Tech, Field Tech, Etc.) Total Laboratory Testing Fees	\$ 69,800.00
(Includes All Laboratory Testing) Total Other Direct Costs	\$ 68,488.00
(Includes Vehicle, Subcontracted Services, etc. if Applicable) Total Estimate of All Fees	\$ 544.740.58

The following pages identify the time frame, resourcing, and other assumptions used in developing this cost estimate. Assumptions are based on the information provided by your office, and QT's experience on similar projects, at the time of this proposal. If there are changes to the contractor's schedule, re-testing, additional site visits or other items that are not part of the originally assumed visits, these visits will be outside this scope of work. Items outside this scope of work will be extra work that will be billed to the contractor based on the units and rates established here within.

Shekhar Shah, Sr. Project Manager 9/9/2025
Estimator Date

Signature

^{*} We have assumed total of 301 trips for entire project.



PROPOSAL SUMMARY

PROJECT NAME : SR-80 Utility Infrastructure Improvements

SCOPE OF SERVICES: Quality Control Testing

LABOR FEES

CLASSIFICATION	LABOR TYPE	REG HOURS	REGULAR RATE	ASS'D % OT	OVERTIME HOURS	OVERTIME RATE ⁽¹⁾	EXTENDED LABOR COST
Registered Professional Engineer	Direct	270	\$ 233.15			\$ 233.15	\$ 62,950.50
Project QC Supervisor	Direct		\$ -				
QCT Inspector/Technician	Direct	2368	\$ 145.06			\$ 217.59	\$ 343,502.08
Materials Technician	Direct		\$ -				
Inspector	Direct		\$ -				
Office Administration	Direct		\$ 68.00			\$ 68.00	
			\$ -				
Lab Technician	Indirect		\$ -				

(1) Regular Rate X Overtime Premium of 1.5

SUBTOTAL DIRECT LABOR \$ 406,452.58

VEHICLE AND PER-DIEM CHARGES

DESCRIPTION	NO. UNITS	UNITS	UNIT PRICE	EXTENDED VEHICLE AND PER-DIEM
Trip Charge	301	EA	\$ 88.00	\$ 26,488.00
Per-Diem	240	DAY	\$ 175.00	\$ 42,000.00

SUBTOTAL VEHICLE AND PER-DIEM CHARGES \$ 68,488.0

OTHER PROJECT DIRECT CHARGES

DESCRIPTION	NO. UNITS	UNITS	UNIT PRICE	EXTENDED OTHER PROJECT CHARGES				
				\$	-			
				\$	-			
				\$	-			
			\$	-				
SUBTOTAL OTH	\$	-						

LAB TESTING FEES

DESCRIPTION	NO. UNITS	UNITS		UNIT PRICE	LAE	EXTENDED LABORATORY FEES	
Compressive Strength, Cylindrical Specimen (ASTM C39, AASHTO T22)	300	EA	\$	22.00	\$	6,600.00	
Masonry Grout Prisms, Compressive Strength (ASTM C1019)		EA	\$	31.00	\$	-	
Specific Gravity/Absorption (Coarse Agg.)(ASTM C127, AASHTO T85)		EA	\$	75.00	\$	-	
Sieve Analysis (ASTM C136, C117, AASHTO T27, T11)	30	EA	\$	90.00	\$	2,700.00	
Plasticity Index, Dry Prep (ASTM D4318, AASHTO T89, T90)	30	EA	\$	120.00	\$	3,600.00	
Proctor, Standard (ASTM D698, AASHTO T99)	30	EA	\$	144.00	\$	4,320.00	
Fractured Particles in CA (Fractured Faces) (ASTM D5821)	20	EA	\$	116.00	\$	2,320.00	
Flat & Elongated Particles in CA (ASTM D4791)	20	EA	\$	135.00	\$	2,700.00	
Abrasion of Coarse Aggregate (LA) (ASTM C131, AASHTO T96)	20	EA	\$	270.00	\$	5,400.00	
Ignition Oven - Calibration (per mix) (ASTM D6307, AASHTO T308)	2	EA	\$	740.00	\$	1,480.00	
Ignition Oven - Asphalt Cement Content (ASTM D6307, AASHTO T308)	60	EA	\$	150.00	\$	9,000.00	
Ignition Oven - Gradation (ASTM C136, AASHTO T27)	60	EA	\$	90.00	\$	5,400.00	
Maximum Specific Gravity of HMA Mixture (ASTM D2041, T209)	60	SET OF 3	\$	186.00	\$	11,160.00	
Gyratory Compaction (ASTM D6925, D2726, AASHTO T312, T166)	60	SET OF 2	\$	228.00	\$	13,680.00	
Marshall Specimen Bulk Density (ASTM D6926, D2726, AASHTO T245)		SET OF 3	\$	180.00	\$	-	
Core Bulk Specific Gravity/Thickness (ASTM D2726, AASHTO T166)	60	EA	\$	24.00	\$	1,440.00	
Drill AC Cores (up to 8" thickness)		EA	\$	36.00	\$	-	
			\$	=	\$	-	
	TOTAL LABORA	ATORY TEST	ING	FEES	\$	69,800.00	

TOTAL ESTIMATE OF ALL FEES

\$ 544,740.58

Shekhar Shah, Sr. Project Manager

Estimator

September 9, 2025

Date



SCHEDULED PROJECTED MAN-HOURS

PROJECT NAME : SR-80 Utility Infrastructure Improvements CONSULTANT : QT DATE: September 9, 2025

ESTIMATED MONTHLY MAN-HOURS

PROJECT PERSONNEL / SUB CONSULTANT MAN-HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SUBTOTAL REGULAR	%	SUBTOTAL	TOTAL
#NAME?	N-25	D-25	J-26	F-26	M-26	A-26	M-26	J-26	J-26	A-26	S-26	O-26	N-26	D-26	J-27	F-27	M-27	A-27	M-27	J-27	J-27	A-27	S-27	O-27	HOURS	ОТ	O/T	
Registered Professional Engineer	20	20	20	20	20	20	20	20	20	20	20	20	20	10											270 m-h	0%	m-h	270 m-h
Project QC Supervisor																									m-h	0%	m-h	m-h
QCT Inspector/Technician	176	176	176	176	176	176	176	176	176	176	176	176	176	80											2368 m-h	0%	m-h	2368 m-h
Materials Technician																									m-h	0%	m-h	m-h
Inspector																									m-h	0%	m-h	m-h
Office Administration																									m-h	0%	m-h	m-h
																									m-h	0%	m-h	m-h
Lab Technician																									m-h	0%	m-h	m-h
ABOVE PERIOD - MONTHLY FULL TIME EQUIV. (FT	Es)																											
TOTAL FTEs (DIRECT LABOR ONLY)	0.14	0.11	0.13	0.13	0.11	0.11	0.13	0.11	0.11	0.12	0.12	0.11	0.13	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270 m-h	0%	m-h	270 m-h
TOTAL FTEs (DIRECT LABOR & VEHICLE)	1.22	1.00	1.10	1.16	1.00	1.00	1.10	1.00	1.00	1.05	1.05	1.00	1.16	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2368 m-h	0%	m-h	2368 m-h
TOTAL FTEs (INDIRECT LABOR ONLY)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	m-h	0%	m-h	m-h
TOTAL FTEs (SUBCONTRACTED LABOR)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	m-h	0%	m-h	m-h
TOTAL FTEs (ALL LABOR CLASSES)	1.36	1.11	1.23	1.29	1.11	1.11	1.23	1.11	1.11	1.17	1.17	1.11	1.29	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2638 m-h	0%	m-h	2638 m-h
TOTAL ACTUAL POSITIONS	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0				27
TOTAL VEHICLES	2	1	2	2	1	1	2	1	1	2	2	1	2	1	0	0	0	0	0	0	0	0	0	0				21