



TETRA TECH

RECEIVED

JUL 12 2010

DNMS

July 6, 2010

United States Nuclear Regulatory Commission
Attn: Licensing
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

RE: Amendment to License Number 48-32185-01

Attn: Licensing Department

Please accept this letter as a formal notification that we are changing our RSO from Paul Michlig to Mike Connolly. Mike's information is listed below.

Tetra Tech
Attn: Michael Connolly
2525 Palmer Street, Suite 2
Missoula, MT 59808
michael.connolly@tetratech.com
Phone: (406) 543-3045
Fax: (406) 543-3088

If you have any questions or need additional information, please contact me at 715.845.4100.

Sincerely,
TETRA TECH


Paul A. Michlig
Radiation Safety Officer

PAMlorz
S:\H&S\RSO\Correspondence\RSO change letter-070610.doc

Enclosure: Mike Connolly – Resume and Training Information

cc: Mike Connolly, Tetra Tech, Missoula – michael.connolly@tetratech.com
Ken Temme, Tetra Tech, Casper – kenneth.temme@tetratech.com

Tetra Tech, Inc.
555 South 72nd Avenue, Wausau, WI 54401
Tel 715.845.4100 Fax 715.842.0381 www.tetratech.com

5 7 3 1 6 5

Certificate of Completion

This certifies that

MICHAEL J CONNOLLY

has successfully completed the

Troxler Radiation Safety Officer Course

conducted by the training department of

Troxler Electronic Laboratories, Inc.

GREG FARNEN

02/06/02

William F. Troxler, Jr.

Instructor

Date

President



AGRA Earth & Environmental, Inc.

THIS IS TO CERTIFY THAT

MIKE CONNOLLY

HAS SUCCESSFULLY COMPLETED THE AGRA EARTH & ENVIRONMENTAL, INC.

8 HOUR TRAINING COURSE FOR GAUGE USERS

TOPICS COVERED IN THIS COURSE:

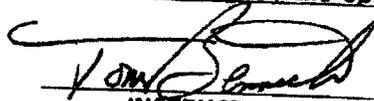
Fundamentals of Radiation Safety

Atomic Structure
Types and Sources of Radiation
Units of Radiation Measurement
Radioactive Isotopes

Regulatory Requirements

Licensing
Audits
Recordkeeping
Transportation
Shipping

Gauge Theory and Operation


INSTRUCTOR

ALARA

Time, distance, shielding

Risks Associated with Occupational Exposure

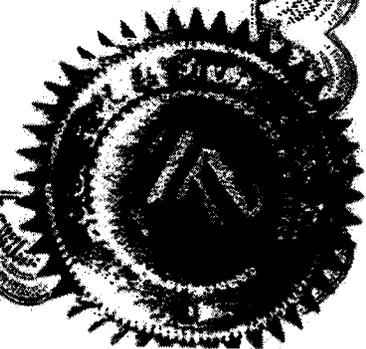
NRC Regulatory Guides
Biological Effects of Radiation
Risk Avoidance

Operating & Emergency Procedures

Storage and Maintenance
Surveillance and Control
Personnel Monitoring and Survey Instruments
Utilization Logs
Leak Tests and Inventories

11-21-96

DATE



MICHAEL J. CONNOLLY

Geotechnical: Construction Materials Testing Department Manager

EDUCATION

BA, Duquesne University, 1990

REGISTRATIONS/CERTIFICATIONS

Asphalt Testing Technician : Western Alliance for Quality Transportation Construction: Transportation Technician Qualification Program (#120977)

Concrete Field Testing Technician: American Concrete Institute

Concrete Testing Technician : Western Alliance for Quality Transportation Construction: Transportation Technician Qualification Program (#120977)

Density Testing Technician: Western Alliance for Quality Transportation Construction: Transportation Technician Qualification Program (#120977)

Embankment and Base Testing Technician : Western Alliance for Quality Transportation Construction: Transportation Technician Qualification Program (#120977)

EXPERIENCE SUMMARY

Mr. Connolly has more than 14 years of experience in the field of construction materials engineering and testing. He has conducted testing in the materials laboratory and on-site (field) locations for reinforcement bars, soils, aggregates, asphalt and concrete. Mr. Connolly has been the manager of AASHTO accredited laboratories since 1999, demonstrating proficiency to State and Federal agencies through participation in inspection and proficiency programs. Mr. Connolly is well-versed in conducting the standard laboratory tests including: sieve analysis, specific gravity of soils and aggregates, plasticity index, moisture density curve (Proctor), Marshall, rice, gyratory compaction, ignition furnace (asphalt content) and gradation, soils cement mixtures, compression tests of concrete cylinders, slump test, air meter, sodium sulfate soundness, sand equivalent, and others.

Mr. Connolly has also participated in ASTM C-33 testing for aggregates and Portland Cement Concrete paving in both field and laboratory settings. He is familiar with soil mechanics testing and has regularly performed tests on soil permeability, triaxial shear, direct shear, one-dimensional consolidation, swell potential of cohesive soil, soil density, and hydrometer tests. Mr. Connolly has been project manager for numerous Federal Highway and Federal Aviation Administration Airport Paving projects. He has been project manager for numerous large scale development projects and commercial building projects including 34 Super Wal-Mart construction projects, 14 Osco Drug, 6 Super Target, 12 Costco, and 7 Sam's Club projects.

PROJECT EXPERIENCE

Materials Testing

- **7-Story Main Corporate Building, First Interstate Bank of Montana, Missoula, Montana.** Project manager for materials testing and inspection on the \$36 million expansion. Responsible for the inspection of all concrete, structural steel, earthwork foundations, reinforcement bars in concrete, fire proofing, and efis inspection. (2008 to 2010)
- **St. Patrick's Hospital, Missoula, Montana.** Project manager for materials testing and inspection on the \$15 million renovation of the Emergency Department Facility at St. Patrick's Hospital. Responsible for the inspection of all earthwork foundations, concrete cast in place, and precast concrete elements. (2008)
- **Safeway Store 2619, Missoula, Montana.** Project manager for materials testing and inspection on the complete construction of a new Safeway Store. Responsible for the inspection of concrete, structural steel, earthwork foundations, reinforcement bars in concrete, fire proofing, and built up metal roofing inspection. (2008)
- **Missoula International Airport, Missoula, Montana.** Project manager for all asphalt testing on an overlay of the main runway. Special challenges included three 70-hour windows of operation for project completion in three weeks. 30,000 tons of asphalt were placed over a twelve day period. (2008)

- **Target Supercenter, Tempe, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 190,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2005)
- **Sam's Club, Mesa, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 210,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2005)
- **Wal-Mart Supercenter, Chandler Heights, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2005)
- **Wal-Mart Supercenter, Deer Valley Road, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2005)
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- **Wal-Mart Supercenter, Goodyear, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included

development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)

- **Wal-Mart Supercenter, Bethany Home Road, Scottsdale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Wal-Mart Neighborhood Market, Mesa, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 55,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Wal-Mart Neighborhood Market, Tempe, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 55,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Sam's Club, Chandler Heights, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 210,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Target Supercenter, Anthem, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 190,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Wal-Mart Supercenter, Chandler, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete,

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- **Costco Warehouse, Tempe, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for an 180,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Costco Warehouse, Deer Valley, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for an 180,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Home Depot, Yuma, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 175,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2004)
- **Costco Warehouse, Scottsdale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for an 180,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2003)
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- **Home Depot, Flagstaff, Arizona, Flagstaff, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and

- inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 150,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2003)
- **Sam's Club, Phoenix, Arizona (Ahwatukee).** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 210,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2003)
 - **Wal-Mart Supercenter, Glendale Avenue, Glendale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2003)
 - **Wal-Mart Supercenter, Bell Road, Scottsdale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2003)
 - **Wal-Mart Supercenter, 85th Avenue, Glendale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 225,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2002)
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- **Wal-Mart Supercenter, Indian School Road, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 225,000 square feet masonry building with metal deck and rubber membrane root. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2002)
- **Wal-Mart Supercenter, 56th Street, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 225,000 square feet masonry building with metal deck and rubber membrane root. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2002)
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- **Wal-Mart Supercenter, 96th Avenue, Scottsdale, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of “ground up” construction for a 225,000 square feet masonry building with metal deck and rubber membrane root. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2001)
- **Wal-Mart Supercenter, Douglas, Arizona.** Project consisted of “ground up” construction for a 250,000 square feet masonry building with metal deck and rubber membrane root. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2000)
- **Home Depot, Bell Road, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection

personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 125,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2000)

- **Wal-Mart Supercenter, Flagstaff, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 175,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (2000)
- **Home Depot, Bethany Home Road, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 150,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (1999)
- **Home Depot, Indian School Road, Phoenix, Arizona.** Provided project management of materials testing services for all structural elements including masonry, structural steel, welding, cast in place concrete, wedge and epoxy anchors, and embed items in concrete and masonry; scheduled testing and inspection personnel; and issued all reports to owners, architects, and building officials. Performed occasional inspection of structural elements including earthwork, masonry, cast in place concrete, reinforcement bars in concrete, anchor bolts, and steel bolted connections. Project consisted of "ground up" construction for a 150,000 square feet masonry building with metal deck and rubber membrane roof. Features included development of parking areas, storm water retention areas, pavements of Portland Cement Concrete and asphaltic concrete cements. (1998)

Roadway / Highway / Bridge

- **Gilbert Road, State Route 87 to McDowell Road, Maricopa County, Arizona.** Project manager for field testing and inspection services. Performed a widening of Gilbert Road to seven lanes with curb and gutter and a new seven-lane bridge across the Salt River, approximately 800 meters in length. Bank protection and channelization within the Salt River were also included, as well as drainage pipes and channels along Gilbert Road. (2003)
- **Interstate 10/State Route 202L, System Traffic Interchange, Maricopa County, Arizona.** Project manager for field testing and inspection services. The project included construction of a four level freeway system interchange with fully directional ramps to and from existing Interstate 10 and proposed State Route 202L utilizing spread-type footings and drilled shaft foundations. (2003 to 2005)
- **SR202L, Santan Freeway, Kyrene Road to McClintock Drive, Arizona.** Project manager for materials testing and inspection. The project included construction of a portion of SR202L from just east of Kyrene Road to just east of McClintock Drive and included the construction of a diamond type interchange at the McClintock Drive. Provided materials testing for both rigid and flexible pavements, three retaining walls, totaling approximately 3,200-feet and 1 sound wall approximately 9,200-feet in length were also planned for this project. (2003 to 2004)
- **State Route 202L - Red Mountain Freeway, Maricopa County, Arizona.** Project manager for materials testing and inspection services. Performed testing and inspection for the proposed State Route 202L

from Country Club Drive to Gilbert Road. Performed materials testing analysis for six bridges, and retaining walls. (2002)

- **SR202L, Santan Freeway, 56th Street to Kyrene Road, Arizona.** Project manager for testing and inspection services offered to the state of Arizona DOT. Scheduled all field personnel. The project included construction of a portion of SR202L from just east of Kyrene Road to just east of McClintock Drive. The project included the construction of a diamond type interchange at the McClintock Drive. Provided materials testing for both rigid and flexible pavements. (2002 to 2004)
- **US 93, Santa Maria River to Wickenburg, Arizona.** The project included the widening of U.S. Highway 93 (US93) within the existing corridor from the Santa Maria River (approximate Milepost (MP) 161) to just north of the town of Wickenburg (approximate MP 188.5) and the realignment of the intersection of US93 with U.S. Highway 60 (US60) from US93 MP 188.5 to Milepost 120 on US60, south of Wickenburg. (2000 to 2001)
- **State Route 101L - Price Freeway, Maricopa County, Arizona.** Performed materials testing for the proposed SR 101L from Baseline Road to Frye Road. Coordinated with City of Chandler personnel regarding water and sewer line locations. Provided pavement design recommendations for both rigid and flexible pavements. Provided inspection services on the placement of Portland Cement Concrete Paving (PCCP) on mainline paving. (2000)
- **Valleywide Pavement, Sewer and Waterline Projects, City of Phoenix, Phoenix, Arizona.** Project manager for annual contract of \$250,000 in road improvements. Scheduled all testing and personnel involved with the project. The various projects included reconstruction and rehabilitation of roadways, including treatments for subgrade such as lime stabilization and geosynthetics, for existing pavements. (1999 to 2005)
- **State Route 101L - Pima Freeway, Maricopa County, Arizona.** Performed a testing and inspection for the SR 101L from 17th Drive to Scottsdale Road. Provided inspection services on the placement of Portland Cement Concrete Paving (PCCP) on four transition interchanges. (1999)
- **Interstate 17, Indian School Road to Peoria Avenue, Phoenix, Arizona.** Provided materials testing services on asphalt paving and concrete testing on sound walls. Project included construction of 4 new bridges, HOV lanes, sound walls and storm drains. Performed drilled shaft excavation and construction testing of the proposed storm drain. (1998)
- **Pima 101 Freeway/Loop 101, Phoenix, Arizona.** Project manager of the materials testing and inspection work performed in conjunction with the construction of 3 transition interchanges along the northern portion of the 101 freeway loop. Participated in Portland Cement Concrete pavement placement, bridge deck, and stemwall placement. (1998 to 2001)
- **State Route 101L/State Route 202L, System Traffic Interchange, Maricopa County, Arizona.** Project manager for field testing and inspection services. The project included construction of a three level freeway system interchange with seven ramps and bridge structures to and from proposed State Route 101 and proposed State Route 202L utilizing spread-type footings and drilled shaft foundations. (1998 to 2000)
- **State Route 51, Squaw Peak Highway, Phoenix, Arizona.** Provided testing services on asphalt paving for mainline highway. Project included materials testing for four miles of roadway, including bridge construction, retaining wall design and other related elements. (1997)
- **State Route-95 (MP 177.0 to MP 189.91), Lake Havasu City, Arizona.** Project manager for testing and inspection. The design of SR-95 in Lake Havasu City from South McCulloch Boulevard to Old London Bridge Road (MP 177.0 to MP 189.91) involved 12.91 miles of roadway and structure improvements within the Lake Havasu City urban limits. The objective of the project was to provide materials testing on a roadway designed to increase the capacity and improve traffic operations of the SR-95 Lake Havasu transportation corridor. (1996 to 1998)

- **Daisy Mountain Traffic Interchange; I-17 at Daisy Mountain Drive, Arizona.** Project manager for materials testing of stack interchange during construction. This project involved the construction of a new traffic interchange for the new Daisy Mountain Drive at I-17. The project scope of services included materials testing for roadway, structure, traffic, drainage, utility, and erosion control improvements. The project involved the addition of auxiliary lanes to I-17 between the Pioneer Road TI to the south, and the Anthem Way TI to the north. The TI included 4 ramps and 3 bridges. Including two ramp bridges over Deadman Wash. (1990 to 2001)

Water / Wastewater Infrastructure

- **Offsite Waterline, Lone Mountain Road between Cave Creek Road and 64th Street, U.S. Homes, Arizona.** Project manager for duration of utility improvements and resurfacing of 64th Street. Scheduled all field personnel. Provided a field investigation in accordance with City of Phoenix requirements. Presented testing of materials for temporary excavations, corrosion and backfill placement below pavements. (1997 to 1998)

PROFESSIONAL AFFILIATIONS

American Concrete Institute, Arizona Chapter, Board Member, 2000 to 2005
American Society of Civil Engineers, Contractor Liaison, 2002 to 2005
American Society of Foundation Engineers , Member, 2000 to 2005

CONTINUING EDUCATION

Asphalt Paving Conference (Idaho Department of Transportation), 2007

PROFESSIONAL EMPLOYMENT HISTORY

Construction Materials Engineering Manager, Tetra Tech, 2008 to Present
Montana Area Manager, Strata Inc., 2005 to 2008
Project Manager, Kleinfelder, Inc., 1999 to 2005
Senior Field and Laboratory Technician, AMEC, 1994 to 1999

7-27-2010
DATE

This is to acknowledge the receipt of your letter/application dated 7-06-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

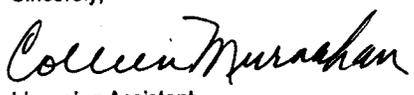
There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 573165.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03121
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Reqd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: TETRA TECH, INC.
Received Date: 07/19/2010
Docket Number: 3035713
Mail Control Number: 573165
License Number: 48-32185-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: Colleen Murnahan
Date: 7-19-2010

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____



TETRA TECH

555 South 72nd Avenue
Wausau, WI 54401

United States Nuclear Regulatory
Commission
Attn: Licensing
Region IV
611 Ryan Plaza Drive Ste 400
Arlington TX 76011-8064

