#### Consulting Services Contract City of Waukesha – Corre, Inc. Project Name: Construction Site Representation for Municipal Construction Projects-2019

This Contract is by and between the City of Waukesha, a Wisconsin municipal corporation, referred to herein as the City; and Corre, Inc., 175 E. Wisconsin Avenue, Suite 27, Oconomowoc, WI 53066, referred to herein as the Consultant. Together, the City and Consultant are referred to as the Parties.

#### Recitals

The City published a Request for Proposals, referred to as the RFP, for consulting services in connection with the following Project:

#### **Construction Site Representation for Municipal Construction Projects-2019**

The RFP contained a specific Scope of Work to be incorporated into the successful bidder's contract.

The Consultant submitted a proposal in response to the RFP, and was selected by the City to be awarded the contract for the Project.

The Consultant is willing to perform consulting services according to the Scope of Work stated in the RFP and the Consultant's responsive Proposal, as modified by the Parties, and to accept the award of the contract for the Project.

Now, therefore, the City and the Consultant agree and contract as follows:

- 1. **Scope of Work.** The Consultant shall perform the Work described on Schedule A, according to the terms and conditions of this Contract. Schedule A is incorporated into this Contract by reference.
- 2. Standard of Work. Consultant will perform the Work according to generally-accepted industry practices and the highest standards of the professions of the individual employees performing the Work for Consultant.
- **3. Payment.** The City shall pay to Consultant the hourly wages in the attached proposals for performance of the Work in compliance with the terms and conditions of this Contract. Consultant shall invoice the City, monthly. No more than 90% of the Contract Price shall be payable before Consultant's Work is complete and delivered to the City. All invoices shall be payable net 30 days.
- 4. Time. Consultant shall commence the Work as promptly after execution of this Contract as is possible, and shall complete the Work no later than December 31, 2019, subject only to delays for circumstances beyond Consultant's control, provided Consultant re-commences work promptly in good faith upon the return of normal circumstances.
- 5. **Ownership of Work Product.** All materials produced in the performance of the Work shall be the sole property of the City, and shall be kept confidential and not disclosed to any third party without the prior written permission of the City.
- 6. Changes. This Contract can only be amended by the written, mutual agreement of the Parties. No change to the scope of the Work, or the total amount to be paid to Consultant, shall be effective unless done by the written mutual agreement of the Parties.
- 7. Indemnification. Consultant shall indemnify, defend, and hold the City and its officials and employees harmless from any and all third-party claims, demands, causes of action, lawsuits, judgments, penalties, and other liabilities of any kind to the extent that they arise out of or in connection with Consultant's performance of the Work, including court costs and actual attorney fees.

- 8. Insurance. Consultant shall maintain insurance of the following kinds and for not less than the following limits, at Consultant's sole expense, at all times during the performance of the Work. Policies shall be occurrence, and not claims-made, policies, except for professional errors and omissions policies. Consultant shall obtain an endorsement making the City an additional insured, and Consultant's insurance shall be primary, not excess, and non-contributory. All policies shall be from insurers licensed to issue such policies in Wisconsin. Upon the execution of this Contract, Consultant shall deliver a certificate of insurance to City showing that all requirements of this section are met.
  - **a.** Commercial general liability, including products-completed operations, \$1,000,000 per occurrence, \$2,000,000 aggregate per project.
  - **b.** Automobile liability, \$1,000,000 bodily injury, \$1,000,000 property damage.
  - c. Excess liability-umbrella, \$5,000,000.
  - d. Worker compensation, statutory requirements.
  - e. Professional liability-errors and omissions, \$2,000,000, with extended-reporting period endorsement.
- 9. Record Keeping. Consultant shall keep all documents and records generated in the performance of the Work for no less than 7 years after completion of the Work, and shall make them available to the City at the City's request. Consultant acknowledges that such documents and records may be subject to Wisconsin's Open Records Law.
- **10.** Cooperation by City. The City shall cooperate with the Consultant in the performance of the Work, and shall respond timely to all reasonable requests for information and access.
- 11. Parties Are Independent Contractors. Nothing in this Contract shall be construed to create any relationship between the Parties other than independent contractors. Unless specifically provided in this Contract, the Parties are not agents for one another, have no authority to bind the other to contracts, and have no vicarious liability for the other's acts or omissions.
- 12. Governmental Immunities, Liability Limits, and Notice Requirements Preserved. Nothing in this Contract shall be construed to be a waiver or modification of the governmental immunities, notice requirements, or limitations of liability imposed by Wis. Stats. §893.80 or any other law.
- **13. Permits and Licenses.** Consultant shall be responsible, at Consultant's expense, for obtaining all permits and licenses required for the performance of the Work.
- 14. Assignment Prohibited. This Contract, and the Consultant's responsibility to perform the Work under this Contract, may not be assigned by the Consultant without the City's written consent.
- **15.** Notices. All notices required by this Contract, and all other communications between the Parties, shall be addressed as follows:

To the City:	Attention Director of Public Works City of Waukesha 130 Delafield Street Waukesha WI 53188
To Consultant:	Attention Chris Nies, P.E. Corre, Inc. 175 E. Wisconsin Avenue, Suite 27 Oconomowoc, WI 53066 Page 2 of 5

- **16. Corporate Authorization.** The individuals executing this Contract on behalf of the Consultant warrant and represent that they are duly authorized to bind the Consultant to this Contract. Consultant warrants and represents that the execution of this Contract is not prohibited by the Consultant's articles of incorporation, by-laws, operating agreement, or other internal operating orders, or by any applicable law, regulation or court order. Consultant shall provide proof upon request.
- 17. Assistance of Counsel, Voluntary Contract. The Consultant acknowledges that it has either had the assistance of legal counsel in the negotiation, review and execution of this Contract, or has voluntarily waived the opportunity to do so; that it has read and understood each of this Contract's terms, conditions and provisions, and their effects; and that it has executed this Contract freely and not under conditions of duress.
- **18.** Adequacy of Consideration. The Parties acknowledge that the consideration expressed in this Contract is adequate and sufficient to make the obligations contained in this Contract binding upon the Parties.
- 19. Costs of Enforcement. The Parties agree that in the event legal action is necessary to enforce any term or condition of this Contract, then the breaching Party will pay the non-breaching Party's costs incurred in such legal action, including actual attorney fees. If a judgment is taken, then costs of enforcement will be added to the judgment, subject to statutory governmental immunities and liability limits.
- **20. Severability.** If any term of this Contract is held unenforceable by a court having jurisdiction, then to the extent the unenforceable term can be severed from the remainder of this Contract without affecting the enforceability of the remainder of this Contract or substantially frustrating its purpose, it will be so severed, and the remainder of this Contract will remain in effect and enforceable.
- 21. Survival and Parties Bound. Unless specifically limited in this Contract, any term, condition or provision of this Contract will survive the execution of this Contract or any stated time periods, to the extent necessary for their performance. This Contract is binding upon, and inures to the benefit of, the Parties' successors, assigns, heirs, executors, trustees and personal representatives.
- 22. Governing Law and Jurisdiction. This Contract will be construed and enforced according to the laws of Wisconsin. If a lawsuit arises out of this Contract, it shall be filed in the state Circuit Court for Waukesha County, Wisconsin. The Parties consent to personal and subject-matter jurisdiction in Wisconsin, and waive all jurisdictional defenses.
- **23.** Integration, Construction of Contract. This Contract constitutes the entire agreement of the Parties formed as a result of the City's RFP and the Consultant's responsive proposal. All other agreements and understandings of the parties with respect to the subject matter expressed in this Contract are unenforceable. If there are any conflicts among the terms of this Contract and any documents incorporated into this Contract, including Schedule A, then the terms of this Contract shall control.
- 24. Termination. Either party may terminate this Contract without cause by giving written notice of termination to the other party, with termination to occur no sooner than 20 days after delivery of the notice. Upon termination, Consultant shall be paid for all Work completed as of the date of termination.
- **25.** Limitation of Liability. Consultant shall not be liable for incidental or consequential contract damages. There shall be no other limitations of Consultant's liability.
- 26. Confidentiality; Public Records. All documents created pursuant to this Contract, and all documents delivered to the City, are public records and will be subject to disclosure to the public under Wisconsin's Open Records law.
- 27. Effective Date. This Contract shall be effective as of the latest date of execution shown below.

#### City of Waukesha

By Shawn N. Reilly, Mayor Date:\_\_\_\_\_

To certify that funds are provided for payment:

Attested by Gina L. Kozlik, City Clerk Date:

Richard L. Abbott, Director of Finance Date:\_\_\_\_\_

Corre, Inc.

By (print name)	
Title:	
Date:	

By (print name)	
Title:	
Date:	

### Schedule A Scope of Work

#### **OVERVIEW**

The City of Waukesha is requesting quotes and a statement of qualification for providing <u>on-call or as-needed</u> construction site representation (CSR) / construction management services for Municipal construction activities for 2019.

Improvements include: sanitary sewer installation and adjustments, storm sewer installation, concrete curb and gutter, concrete sidewalk, concrete pavement, HMA placement, restoration and general municipal construction activities.

The City will make the final determination of when a CSR is required to be on-site.

CSRs shall be employed by the Consultant and shall not be contract employees, temporary employees, Co-op students, Interns or prospective employees (contingent upon approval of a contract). CSRs may be seasonal employees.

The City of Waukesha Development Handbook may be found on the City's website outlining specific duties and responsibilities of the CSR. The City's current Standard Construction Specifications – 2019 Edition has also been updated.

https://waukesha-wi.gov/DocumentCenter/View/8893/Development-Handbook-2019

https://waukesha-wi.gov/DocumentCenter/View/8880/\_Standard-Construction-Specifications---2019-Edition

Construction Surveying (staking) services is not considered part of this proposal and will be performed by others.

#### SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT:

- Provide a Construction Site Representative (CSR) for infrastructure installation on municipal
  improvement projects. Infrastructure improvements may include: sanitary sewer systems, storm
  sewer systems, street light conduit and bases, EBS, road base installation, concrete curb, flatwork
  and pavement, hot mix asphalt pavement, and restoration and additional infrastructure as needed or
  as shown on Plans. Other non-infrastructure observations may include erosion control and traffic
  control. Mass grading, rough or final grading, retaining walls, ponds and the associated water quality
  control measures are not included.
- Understand and <u>enforce</u> the City of Waukesha Standard Construction Specifications, most recent edition.
- Attend pre-construction meetings as necessary for assigned projects. Meeting facilitation and agenda preparation will not be required for this task.
- The CSR will work with, report to and communicate with the City of Waukesha Engineering Tech Supervisor or Project Manager in charge of the project. The CSR shall be equipped with a phone and survey equipment for acquiring elevations for Record Drawings <u>during construction</u>.
- Review construction materials on-site to determine compliance with the City's current Standard Construction Specifications.

- Observe that improvements are installed at proper elevations and locations. Record grades and pipe inverts during construction for record drawings. Report deviations from plans to the City. The City will not provide the CSR with survey equipment.
- Be knowledgeable of concrete and soil compaction testing/sampling procedures and witness testing completed by Contractor. Testing shall not be performed by the CSR.
- Complete and deliver completed construction Daily Reports (DRs) to Engineering Tech Supervisor or Project Manager every week.
- Complete and deliver completed Quantity tabulation worksheets to Engineering Tech Supervisor or Project Manager every week.
- Attend project meetings held at the job site or at a location to be determined by the City Engineering office.
- Provide one point of contact for the scheduling of work and billing questions.

#### SCOPE OF SERVICES PROVIDED BY THE CITY OF WAUKESHA:

- One hard copy of the approved plans and special provisions and one electronic copy in PDF format. One electronic (PDF) copy of the City's Standard Construction Specifications – most recent edition.
- Schedule preconstruction meetings. Coordinate, or perform the facilitation, prepare agenda and minute preparation for the meetings.
- Daily Reports (DRs) in electronic PDF and MS-Excel format. Forms will include quantity tabulation
  worksheets and other reporting sheets. These forms and worksheets shall be used by the Consultant.
  <u>No substitutions or modifications will be allowed.</u> No proprietary software systems will be accepted.
  Tablets, I-pads or other electronic hardware for preparing the documents may be used. Daily reports
  shall be completed and submitted to the City in Excel and PDF format. Electronic signatures on the
  forms will be accepted.
- City staff will perform all sub-base proof-rolls, inspections or reviews.
- City staff will make all contractor submittal reviews but will provide reviews to the Consultant for information and enforcement.

# PROPOSAL FOR CONSTRUCTION SITE **REPRESENTATION SERVICES**

# **Municipal Construction Projects** 2019



## City of Waukesha January 25, 2019

#### Submitted by:

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CORRE, INC. Oconomowoc Office 175 E. Wisconsin Avenue, Suite 27 Oconomowoc, WI 53066

#### Submitted to:

City of Waukesha Engineering Division Attn: Jon Weil, P.S. **City Hall Annex** 130 Delafield Street Waukesha, WI 53188



**City of** 



Waukesha

January 25, 2019

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City of Waukesha Engineering Division Attn: Jon Weil, P.S. City Hall Annex 130 Delafield Street Waukesha, WI 53188

Proposal for Construction Site Representation Services Municipal Construction Projects - 2019

Dear Mr. Weil and Selection Committee:

**CORRE**, INC. (CORRE) is genuinely interested in providing construction site representation services to the City of Waukesha for upcoming 2019 municipal construction projects. **CORRE** is a leader in providing full-service consulting engineering services for projects throughout the State of Wisconsin.

There are several factors that set CORRE apart from other consultants for these services, including:

- **Experience**. The team assembled has many years of urban construction experience, including recent successful projects in the City of Waukesha. Paul Burg, our proposed Senior Construction Services Representative, is familiar with City staff and infrastructure having recently worked on the Meadowbrook Road (W. Waukesha Bypass) project and Phase 1 of the Northview Road Street and Utility Improvements project. Paul's 20+ years of experience means he excels at problem solving the unforeseen issues that arise during infrastructure installation, and he will use this experience to provide resolutions and prevent issues from becoming major conflicts. Our team also offers proven knowledge of what to look for during review of material submittals and shop drawings, as well as the materials delivered to the site.
- Efficiencies. This team understands the construction process and has the desire to keep costs to a minimum. The inspectors will have tablets, GPS units, and other mobile equipment to document and share data quickly. The team will document as the work progresses, so pay quantities and as-built information is processed while the information is fresh. Our team has developed spreadsheets for tracking items and materials suited for use on tablets allowing for less office time and decreasing the probability of missed materials testing.
- Coordination. Our team has effective communication skills and will keep all involved parties informed and prepared for the work ahead. We understand the importance of foresight and correspondence when installing multiple underground facilities within a corridor. We seamlessly work with City staff, contractors, and local utilities to keep projects moving forward.

Thank you for the opportunity to submit this Proposal. It is our desire to continue partnering with the City of Waukesha to incorporate our construction engineering expertise with the vision the City desires. We sincerely appreciate your consideration and look forward to the opportunity to work with you and your staff.

Sincerely,

CORRE, Inc.

Chris Nies, PE Construction Manager 608.826.6136 | cnies@correinc.com

Oconomowoc Office 175 E. Wisconsin Avenue Suite 27 Oconomowoc, WI 53066 608.828.1011 P 262.354.3015 F

ANSWERS.

RESULTS.





# Who We Are

**CORRE**, **INC**. is a full-service engineering firm offering an unmatched combination of specialty services. Since beginning operations in 2005, we have grown rapidly and attracted industry-recognized professionals, including licensed engineers and construction, environmental, and real estate specialists. By having the ability to complete a wide variety of services in-house, we are able to provide a cost-effective, high-quality product.

#### **Our Services**

**CORRE** has five offices located throughout the State and nearly 70 employees offering the following professional services:

- Construction Engineering
- Transportation Engineering
- Municipal Engineering
- Structural Engineering
- Environmental Services
- Cultural Resources
- Cultural Resources

- Utility Coordination
- Real Estate Services
- Right of Way Plats
- Survey
- Public Outreach
- Grant Administration

#### **Our Staff**

Our engineers are surrounded by one of the most experienced, well-rounded support staffs in the industry. In many cases, these individuals are the "best-in-the-business" at various specialties and have developed industry guidance and procedures that are used statewide for various elements, such as WisDOT's Facilities Development Manual (FDM). This support staff includes retired WisDOT and WisDNR employees who offer a vast knowledge base to aid in successful project delivery. By utilizing this staff on an as-needed basis, **CORRE** keeps overhead and overall project costs low. It is our mission to provide our clients with the utmost assurance their interests are in good hands. Large-firm capabilities with small-firm attitude.

## **Project Experience**





**CORRE** has provided construction management services for city, county, and state projects ranging from \$5,000 to over \$80M. A listing our recent project experience (within the last 10 years) is below:

#### **Interstates and Interchanges**

I-39/90, Janesville to Madison, Dane County
I-39/CTH N Interchange, Dane County
I-39, Beloit to Madison, Dane and Rock Counties
I-39 Bridge Rehabilitation, Marquette County
I-39 Bridge Rehabilitation, Waushara County
I-39 Bridge Rehabilitation, Marquette County
I-39 NB Expansion, Dane County
I-94/CTH T Bridge, Hudson to Baldwin, St. Croix County
I-94, Hudson to Baldwin, STH 35 N. to USH 12, St. Croix County
I-94/Ryan Road Interchange, Milwaukee County
SE Freeways Finals Review, Milwaukee County
Zoo Interchange Dual-Lane On-Ramps, Milwaukee County
Zoo Interchange, Phase II Structure Inspection, Milwaukee County

#### Structures

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Blotz Road over Dodge Branch, Iowa County Bridge Street Bridge, Chippewa County CTH F over Tamarack Creek, Trempealeau County CTH SS and Town Road Bridges, Columbia County CTH Y Bridge Replacement, Oconto County Fritz Road Bridge over Flynn Creek, Dane County Gant Road over Yellowstone River, Lafayette County Hoan Bridge Finals Review, Milwaukee County Milwaukee Street Bridge over I-39, Dane County LeQue Lane/Nordie Lane over N. Fork Beaver Creek, Trempealeau County Meadow Dam Road over Deer Creek, Rusk County Region-Wide Culvert Replacement, STH 161/32/47, Various Counties Region-Wide Deck Sealing, Various Counties, NE Region Region-Wide Deck Sealing, Various Counties, NW Region Rock River Bridges, STH 26 and USH 18, Jefferson County STH 29 over Porky Creek and Big Eau Pleine, Marathon County STH 93 over Adams Creek, Trempealeau County STH 98, Yellow River and Rock Creek Bridges, Clark County Stoney Hill Road and CTH S Bridges, Portage County S. Galena Road over Branch River, Lafayette County Terrace Avenue Structures, USH 12, Dane County Townline Road over Kenyon Creek, Sawyer County

#### **Roadways and Highways**

CTH A, Osseo to Black River Falls, STH 95 to Charcoal Road, Jackson County CTH C, Airline Road to Sunnyslope Drive, Waukesha County CTH CW, Waukesha County CTH F (Redford Boulevard), Waukesha County CTH T, Fond du Lac Bypass, Fond du Lac County CTH V and CTH W, Ozaukee County CTH YY, Waukesha County FoxConn Development Roads - Braun Road, Racine County Main Street Resurfacing, City of Janesville, Rock County Meadowbrook Road (West Waukesha Bypass), Waukesha County STH 29, Clark County STH 26, CTH J to STH 60 East, Dodge County STH 29, Wittenberg to Wausau, Marathon County STH 44, Ripon to Oshkosh, Fond du Lac County STH 64/CTH F West Junction Intersection, Chippewa County Townline Road over Kenyon Creek, Sawyer County USH 12/Fish Hatchery Road Interchange, Dane County USH 12/STH 54, Water Street/Main Street, Jackson County USH 12/STH 54, Water Street/Main Street, Jackson County USH 12, Eau Claire to Fairchild, Eau Claire County USH 12 (W. Madison Beltline), Terrace Avenue to Mineral Point Road. Dane County USH 18 (Beltline/Verona Road), Dane County USH 18, Prairie du Chien Bypass, Crawford County USH 51, Merrill to Minocqua, Lincoln County USH 51, Merrill to Tomahawk, N. Star Road Intersection, Lincoln County

#### Utilities

ATC Controller and Communications Upgrade Grant #1, Milwaukee County Northview Road Phase 1 Street and Utility Improvements, Waukesha County W. McKinley Avenue Storm Sewer Relocation, Milwaukee County

#### Non-Traditional

Bugline Trail Improvements Phases 1-4, Waukesha County Lutz Park Trail and Riverbank Stabilization, City of Appleton, Outagamie County Safe Routes to School (SRTS) Pedestrian Improvements, Sauk County

## Project Approach





## **Project Understanding**

We understand what it takes to successfully manage infrastructure projects. We are knowledgeable of the City's history and are very familiar with the City's staff and infrastructure. Our team is committed to continue providing Waukesha exceptional construction services. The following sections detail our approach.

## **Experience & General Approach**

The team put together for this proposal has years of construction management experience on roadway and utility projects. Our experienced staff provides the on-site eyes and ears for the owner and design team. Acting as the owner's representative, the Senior Construction Site Representative (CSR) will act as a common point for communicating between the contractor, property owners, adjacent projects, and the client. Typical duties performed by our team include:

- Leading preconstruction and progress meetings throughout the project
- Monitoring construction schedule
- Measuring quantities and reviewing payment applications • •
- Reviewing and commenting on shop drawings .
- Utility coordination and relocation
- . Performing material certification reviews
- Perform weekly inspections of all erosion control devices to ensure effective protection of the site .
- Evaluating and recommending field changes and change orders to the owner
- Verifying construction staking and survey required for as-builts .
- Preparing as-built records .
- Monitoring construction progress and material testing to ensure specifications are met .
- Inspecting and verifying all traffic control devices are installed per the MUTCD and the contract documents .
- Documenting daily construction progress .
- Addressing contractor questions and concerns .
- Tracking requests for information (RFIs) and transmitting responses back to the contractor
- Maintaining project records (shop drawings, RFIs, progress documents, meeting minutes, and testing records) .
- Developing list of items to be completed or corrected with the City
- Participating with the City in final walk-through of the project prior to final acceptance

We offer leading edge construction management technology and utilize enhanced tools for our surveying, project tracking, reporting, and computer-aided drafting. Our construction management team will be equipped with GPS rovers to quickly confirm locations and measure quantities, Total Station capabilities for project survey, and mobile tablets for Inspector Daily Reports (IDRs), as-built plans, and quantity tracking. Taking advantage of the latest technologies benefits our clients by resulting in lower total project costs and up-to-date project tracking. In addition, inspection staff will employ smart levels to ensure pedestrian crossings are ADA compliant and will use auto levels to confirm and record elevations.



### **Proactive & Tailored Approach**

An experienced inspection team with a proactive management style will be key to successful projects for the City. Our culmination of experience on previous projects allows us the construction foresight to make sure the project is managed efficiently and effectively. Based on this experience and our review of the RFP, we have outlined below the aspects critical to successful completion.

<b>Critical Aspects</b>	Construction Foresight
Communication	Our existing relationship with the City will continue. The Senior CSR will be in tune with the scheduling, staging, and traffic impacts to make sure progress is maintained on projects. The Senior CSR will also relay all pertinent correspondence to the City, making sure they are kept informed as the project advances.
Public Relations	Keeping the public informed of upcoming traffic impacts and construction activities will be important. We understand <b>the sensitivity of these projects means extra attention will be required to keep</b> <b>homeowners, schools, and local officials informed in a timely manner</b> . Weekly updates can be emailed out to the homeowners to keep them informed on the project's progress.
Contract Management	Keeping a project on schedule and on budget requires sound management and experience. Extra effort and due diligence will be taken to ensure the contractor's schedule is feasible and on track throughout the project. Shop drawings, QMP plans, and material submittals will be reviewed in a timely manner to make certain the contractors are not delayed.
Quality	The City's investment in its infrastructure is important to us. Being local means we want to be proud of the finished product. We will make sure that contract specifications are met and the City is provided with infrastructure, both above and below ground, that is durable and long lasting.
Client Expectations	We understand the City's expectations for infrastructure and can meet or exceed them. It will be crucial for the construction inspection team to be well-versed with all the items associated with each project given the contractor's expected effort. <b>Our team has experience with items including traffic signals and lighting, sanitary sewer work, temporary drainage, marsh excavation, rock excavation, and other urban reconstruct items.</b>



## **Project Team**





### **Team Overview & Approach**

#### Senior Construction Site Representative (CSR)

**Paul Burg** will use his 25+ years of experience to serve as the proposal's Lead Construction Site Representative (CSR). Paul's extensive urban reconstruction experience includes overseeing the Northview Road project for the City of Waukesha in 2018 and providing inspection services on the Meadowbrook Road (W. Waukesha Bypass) project in 2017.

#### Construction Site Representative (CSR) Technician II

**CORRE** is able to provide the City with three Senior CSR Technicians. **Brad Porter** and J**oseph Gruenhagen** are seasoned inspection professionals and will work with Paul as needed on this project. Mr. Porter and Mr. Gruenhagen are also capable to fill in for Mr. Burg should the need arise.

**Jon Young, PE** is a detailed-oriented construction engineer with experience providing construction oversight and inspection services on both high-profile and local projects, including the Northview Road project for the City of Waukesha with Mr. Burg.

#### Construction Site Representative (CSR) Technician I

**Sara Veith and Tyler Kohlmann** are entry-level inspection professionals with significant large construction project experience, including work on Ryan Road and I-39.

#### **Construction Project Manager**

**Chris Nies, PE** will be the point of contact for scheduling of work and billing questions.

Having five technicians of varying skill levels on-hand to assist Mr. Burg ensures availability and the correct resource for each specific job. Detailed resumes for our team can be found on the following pages.



EDUCATION AAS, Building Construction Technology, Rock Valley College

#### PROFESSIONAL LICENSES/REGISTRATIONS

Highway Technician Certification Program No. 104027

HTCP Certifications: PCCTEC–I, AGGTEC–I, GRADING, NUCDENSITY, TMS, MTC-D

> American Portable Nuclear Gauge Association (APNGA): RSO Certified

USDOT HAZMAT Certified

Portable Nuclear Gauge Operation Certified

#### CONTINUING EDUCATION

CPN Manufacturer Training Course Highway Technician Certified Program (HTCP) NASECA Certified Erosion Control Inspector Nuclear Density Technician

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PAUL BURG

## Senior Construction Site Representative (CSR)

Mr. Burg has nearly 40 years of experience in the civil engineering construction field including experience managing all contract documents and materials documentation for WisDOT construction projects. Paul also offer extensive construction inspection experience for WisDOT and various municipal projects, including bridges and grading projects for wetland mitigation sites.

#### AREAS OF EXPERTISE

- Construction project management
- Contract administration
- Construction inspection
- Bridge inspection
- Document management

#### PROJECT EXPERIENCE

- WisDOT utility coordination
- Trans 220
- Public relations
- Complex staged construction
- Night work
- I-94 N-S Freeway, Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72. Construction Cost: \$17.1M.
- ATC Controller and Communications Upgrade Grant #1, City of Milwaukee, Milwaukee County, ID LFA 2984-44-90. Construction Cost: \$1.2M.
- Northview Road Reconstruction, Phase 1, City of Waukesha. Construction Cost: \$3M.
- Meadowbrook Road (West Waukesha Bypass), Northview Road to Rolling Ridge Drive, City of Waukesha. Construction Cost: \$4M.
- Southeast Freeway Conversion, Journal Voucher Final Review, Multiple Phases, WisDOT.
- Layton Boulevard Streetscaping Enhancement, W. Oklahoma Avenue to W. National Avenue, Milwaukee County, ID 2265-00-93. 2.4 Miles; Construction Cost: \$0.8M.
- CTH V and W Intersection Improvement, Ozaukee County, ID 2695-10-70. 0.25 Miles; Construction Cost: \$0.8M.
- CTH CW Bridge Replacement, County Line to Amber Lane, Waukesha County, IDs 2949-00-70 and 3947-05-71. Construction Cost: \$1.1M.
- CTH F (Redford Boulevard) Reconstruction, Waukesha County, ID 2370-00-73. 2.3 Miles; Construction Cost: \$4.0M.
- Bugline Rails-to-Trails Improvement Project, Phase 2, Waukesha County, ID 2984-34-73. 8.5 Miles; Construction Cost: \$1.4M.
- CTH C Construction, Airline Road to Sunnyslope Drive, Town of Mount Pleasant, Racine County, ID 2806-09-70. 0.5 Miles; Construction Cost: \$1.6M.
- St. Paul Avenue and North Street Reconstruction, Madison Street to Moreland Boulevard, City of Waukesha, Waukesha County, IDs 2210-01-71/72. 1.7 Miles; Construction Cost: \$4.0M.
- North-South Freeway Corridor Retaining Wall Staining, Milwaukee County, ID 1030-10-79. Construction Cost: \$0.33M.
- North-South Freeway Corridor Landscaping, College Avenue to Grange Avenue, ID 1030-10-80, Milwaukee County. Construction Cost: \$0.21M.





BS, Construction Management, University of Wisconsin – Stout

#### PROFESSIONAL LICENSES/REGISTRATIONS

Bridge Coatings Inspector (BCI) Certified Welding Inspector (CWI), AWS HTCP Certifications: TMS, AGGTEC–1, PCCTEC–1, CST, HMA-IPT, NUCDENSITY, GRADING

> NASECA – WI Certified Erosion Control Inspector

#### PROFESSIONAL ASSOCIATIONS

AWS American Welding Society Society of Protective Coatings

#### CONTINUING EDUCATION

Concrete Pavement Inspection, Wisconsin Concrete Pavement Association

Construction Standards & Material Quality Control, WisDOT

Ancillary Structures: Anchor Bolts & Structural Bolting, WisDOT

Concrete Base Patching, WisDOT

Bridge Coatings Inspection, SSPC– BCI

Construction Site Erosion Control and Stormwater Permit Compliance, NASECA

## JOE GRUENHAGEN, BCI, CWI

### Construction Site Representative (CSR) Technician II

Mr. Gruenhagen has over 15 years of experience in construction management, inspection, and drafting. His expertise includes WisDOT project oversight; contract administration; and material administration, documentation, and testing. He offers a construction background in urban and rural roadway projects; interstate projects; and bridge, box culvert, and retaining wall construction. Joe is a certified welding inspector with experience in large steel girder structures.

#### AREAS OF EXPERTISE

- Construction inspection
- Welding inspection
- Bridge painting inspection
- WisDOT materials process
- Contract administration

#### PROJECT EXPERIENCE

WisDOT Construction Experience

- USH 12, Terrace Ave Structures, Dane County, WisDOT ID 5300-01-83.
   Construction Cost: \$1.9M.
- I-94 N-S Freeway, Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72. Construction Cost: \$17.1M.
- Dane County Salt Shed, Mount Horeb Madison, County PD, ID 1206-08-79.
   Construction Cost: \$1.3M
- STH 44, Ripon to Oshkosh, Fond du Lac County, ID 6110-05-71. Construction Cost: \$6M.
- STH 29 Bridges, Wittenberg to Wausau, Marathon County, ID 1053-02-62. Construction Cost: \$792K.
- Zoo Interchange, Phase II Structure Inspection, WisDOT ID 1060-33-81.
   Fabrication Cost: \$1.5M.
- CTH T, Urban Reconstruction, Fond du Lac Bypass, Fond du Lac County, ID 1420-23-71. 0.7 Miles; Construction Cost: \$10M.
- CTH Y Bridge Replacement, Oconto County, ID 9148-07-71. Construction Cost: \$260K.
- CTH F (Redford Boulevard) Reconstruction, Waukesha County, ID 2370-00-73.
   2.3 Miles; Construction Cost: \$4M.
- Southeast Freeway Conversion, Journal Voucher Final Review, ID 1000-00-66, Multiple Phases.
- Marshall Street Reconstruction, Wilson Avenue Main Street, City of Rice Lake, Barron County, ID 8997-00-32. 0.1 Miles; Construction Cost: \$400K.
- I-39, Wisconsin River Bridge Rehabilitations, WisDOT IDs 1010-02-67 and 1011-04-01. Construction Cost: \$15+M.



- Construction cost estimation
- Building inspection and construction
- Complex staging
- Night work





Associates Degree, Civil Engineering Technology, Mid–State Technical College

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## PROFESSIONAL LICENSES/REGISTRATIONS

HTCP Certifications: TMS, PCCTEC–I, NUCDENSITYTEC–I, GRADINGTEC-I, MCT-D

#### CONTINUING EDUCATION

Construction Standards and Material Quality Control – WisDOT, 2018

Construction Admin Training, WisDOT, 2018

Erosion Control for Construction, WisDOT, 2015

NucDensity Hazmat Training, 2018

Concrete Paving Inspection, WisDOT, 2010

HMA Inspection – WisDOT, 2015

CPN Manufacturer Training Course covering Radiation Safety & Nuclear Gauges, 2006

## **BRAD PORTER**

## Construction Site Representative (CSR) Technician II

Mr. Porter has over 13 years of experience in roadway, bridge, and airport projects. His WisDOT road construction experience includes major rural reconstruction and rehabilitation, major urban reconstruction, and major bridge replacement. He offers indepth experience as a construction inspector that includes complex staging and traffic control, along with extensive knowledge of WisDOT materials tracking and documentation, and procedures in materials testing.

#### AREAS OF EXPERTISE

- WisDOT materials testing and documentation
- Construction administration
- Construction inspection
- Contractor and interagency coordination
- GPS construction surveying
- PROJECT EXPERIENCE
- I-94 N-S Freeway Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72. 0.4 Miles; Construction Cost \$17M.
- STH 44 Reconstruction, Ripon to Oshkosh, Fond du Lac County, ID 6110-05-70. Construction Cost: \$5.5M.
- Southeast Freeway Conversion, Journal Voucher Finals Review, ID 1000-00-66, Multiple Phases.
- CTH T Reconstruction, Fond du Lac Bypass, Fond du Lac County, ID 1420-23-71, 1.2 miles. Construction Cost \$10.1M.
- STH 98 (Greenwood Spencer) Yellow River Bridge and Rock Creek Bridge Replacements, Clark County, IDs 7040-03-75/80. Construction Cost: \$880K.
- I-94 Reconstruction, Osseo Black River Falls, STH 95 CTH F, Jackson County, ID 1023-05-78, 15 Miles. Construction Cost: \$25M.
- STH 33 Reconditioning, Park Avenue, University Avenue Monroe Street, Beaver Dam, Dodge County, ID 6083-00-75, 0.4 Miles. Construction Cost: \$1.5M.
- USH 10, Rural Reconstruction, White Oak Road Trestik Road, Marshfield – Stevens Point, Wood County, ID 6350-06-72, 11.57 Miles. Construction Cost: \$16.9M.
- USH 10, Rural Reconstruction, Brookside Road Blenker Road, Marshfield Stevens Point, Wood County, ID 6350-06-71, 1.6 Miles. Construction Cost: \$7.8M.
- USH 10, Rural Reconstruction, CTH N Long Road, Marshfield Stevens Point, Portage County, 5.4 miles. Construction Costs: \$25M.

 Materials final documentation reviews

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- WisDOT policies and procedures
- Construction site safety
- Public relations





BS, Civil Engineering, University of Wisconsin – Madison

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PROFESSIONAL LICENSES/REGISTRATIONS

Certified Welding Inspector (CWI), AWS WisDOT Certified: TMS, PCCTEC–I, NUCDENSITY-I

> PROFESSIONAL AFFILIATIONS American Welding Society

> > CONTINUING EDUCATION

10-hour OSHA Training

40-hour OSHA HAZWOPER Training Canadian National E-Rail and OTS Training

20-hour Magnetic Particle (MT) Training-Level II per ASNT-TC-1A

40-hour Certified Weld Inspector (CWI) Training High-Strength Bolt Testing Training Aerial Lift Platform Training

## JONATHAN YOUNG, PE, CWI

## Construction Site Representative (CSR) Technician II

Mr. Young is a professional engineer and certified welding inspector with eight years of experience providing construction inspection, quality insurance, oversight, and engineering services on a wide range projects including railroad infrastructure improvements, water and waste water improvement projects, bridge inspections, and hydraulic engineering projects. He also has experience developing and providing quality assurance procedures for WisDOT structure projects.

#### AREAS OF EXPERTISE

- WisDOT construction management
- Construction estimates
- Control of materials
- Project management
- PROJECT EXPERIENCE

#### Construction Experience

- CTH E, Evans Street to Shadow Lake Road, Waupaca County, ID 6844-14-70. Construction Cost: \$750K.
- I-94 N-S Freeway, Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72. Construction Cost: \$17.1M.
- Northview Road Reconstruction, Phase 1, City of Waukesha. Construction Cost: \$3M.
- Dane County Salt Shed, Mount Horeb Madison, County PD, ID 1206-08-79.
   Construction Cost: \$1.3M
- I-39/CTH N Interchange, Dane County, WisDOT IDs 1007-10-86/11-81.
   Construction Cost: \$24M.
- Zoo Interchange, Phase II Structure Inspection, WisDOT ID 1060-33-81.
   Fabrication Cost: \$1.5M.

#### Pre-CORRE Experience

- Project engineer and contractor oversight of the installation of a 150' steel locomotive fueling platform and industrial sewer upgrades for Canadian National Railroad in Champaign-Urbana, Illinois.
- Oversaw the jack and boring slip lining of a stormwater improvement plan for Canadian National Railroad in Gary, Indiana.
- Performed document control and cost tracking for the PCB excavation and removal of Pine Creek in Hayton, Wisconsin.
- Oversaw Construction of a 5,600 square foot PVC lined stabilization pit for excavated waste material in Hayton, Wisconsin.
- Performed Documentation of the dredging and wastewater treatment operations in Fairfield, Connecticut.
- Calibrations, installation and data analysis of turbidity meters in Fairfield, Connecticut.

- WisDOT policies and procedures
- Inspection and Quality Assurance
- Constructability review
- Contract modifications





BS, Environmental Engineering, University of Wisconsin – Platteville

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PROFESSIONAL LICENSES/CERTIFICATIONS Engineer-In-Training (EIT): WI

HTCP: MCT-D, TMS

#### PROFESSIONAL ORGANIZATIONS

Society of Women Engineers Club, Member, 2015 – Present

Platteville Society of Environmental Engineers, Member, 2016 – Present

## SARA VEITH, EIT

### Construction Site Representative (CSR) Technician I

Ms. Veith is a recent environmental engineering graduate of UW – Platteville. She recently completed two civil engineering internships, one for a municipality and one for a consulting firm, giving her insight into multiple facets of the engineering world. Sara offers skills utilizing WinSLAMM, GIS, and AutoCAD Civil 3D. She is detailed oriented and organized, and active in many engineering-focused organizations.

#### AREAS OF EXPERTISE

- Field survey
- Inspection
- Trimble GPS

#### **PROJECT EXPERIENCE**

Construction Experience

- ArcGIS
- AutoCAD Civil 3D
- WinSLAMM
- I-39 NB Expansion, E. Church Road to CTH AB, Dane County, WisDOT IDs 1007-11-71/76. 8.5 Miles; Construction Cost: \$29M.
- I-39/CTH N Interchange, Dane County, WisDOT IDs 1007-10-86/11-81. 1.0 Mile; Construction Cost: \$24M.

Pre-CORRE Experience

- Civil Engineering Intern, Professional Consulting Firm, St. Paul, MN. Served as a Resident Project Representative and performed construction inspections on multiple street improvement projects. Updated sanitary, storm, and water services data for the City of Lindstrom, MN using a GPS unit and ArcGIS. Performed culvert inspections and prepared reports, and performed erosion inspections for a stormwater ravine.
- Civil Engineering Intern, City of River Falls, WI. Updated model of city phosphorus removal using GIS and WinSLAMM, conducted erosion control inspections bi-weekly on residential and industrial construction sites, and remodeled current stormwater systems.





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## **TYLER KOHLMANN**

## Construction Site Representative (CSR) Technician I

Mr. Kohlmann is an environmental engineering graduate form UW – Platteville offering recent experience on the Ryan Road/I-94 interchange project in Milwaukee County where he provided erosion control and electrical inspection services daily.

#### AREAS OF EXPERTISE

- Design engineering
- AutoCAD Civil 3D

- Construction inspection
- GPS

#### PROJECT EXPERIENCE

 I-94 N-S Freeway – Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72. 0.4 Miles; Construction Cost \$17M.

BS, Environmental Engineering, University of Wisconsin – Platteville

> PROFESSIONAL LICENSES/CERTIFICATIONS HTCP: PCCTEC-I, TMS

EDUCATION

Proposal for Construction Site Representation Services | Municipal Construction Projects | 2019 | City of Waukesha | 13

# CHRIS NIES, PE

### **Construction Project Manager**

Mr. Nies is a civil engineer well-versed in the WisDOT Project Development process. Chris is an extremely proficient Project Manager with extensive large project experience. He has led or been the Assistant Project Engineer on complex interchange, complex urban, and complex structure projects. Chris has a flawless track record and is a very talented engineer. He is known for being proactive, an excellent communicator, and very thorough. His interstate safety record is pristine. He maintains excellent control of a project by making rapid tough decisions. Chris is also experienced with GPS equipment, Civil 3D design software, AutoCAD, Estimator, and WisDOT construction administration, inspection, and materials testing.

#### AREAS OF EXPERTISE

- WisDOT policies and procedures
- FHWA and WisDNR regulations and policies
- WisDOT administration and procedures
- Construction management and administration .
- WisDOT PS&E process
- Project management .
- **Construction staging** .

#### PROJECT EXPERIENCE

- STH 26 and USH 18, Rock River Bridges, Jefferson County, WisDOT IDs 1390-00-83 and 3080-07-60. Construction Cost: \$500K
- I-39, Milwaukee Street Bridge, Dane County, WisDOT ID 1002-01-71. Construction Cost: \$800K.
- STH 19, STH 78 to USH 12, Dane County, WisDOT ID 5145-00-60. 10 Miles; Construction Cost: \$1.2M.
- USH 12, Terrace Ave Structures, Dane County, WisDOT ID 5300-01-83. Construction Cost: \$1.9M.
- I-39/CTH N Interchange, Dane County, WisDOT IDs 1007-10-86/11-81. Construction Cost: \$24M.
- USH 18 Reconstruction, Madison Beltline, Whitney Way Seminole Highway, Dane County, WisDOT IDs 1206-07-84/85. 1.8 Miles; Construction Cost: \$55M.
- USH 18 Reconstruction, Raymond Road Madison Beltline, Dane County, WisDOT IDs 1206-07-78/82. 0.5 Miles: Construction Cost: \$26M.
- Southeast Freeway Conversion, Journal Voucher Final Review, Multiple Phases, WisDOT ID 1000-00-66. 0.0 Miles; Construction Cost: \$100+M.
- USH 12 Reconstruction, Fish Hatchery Road Interchange, Dane County, WisDOT IDs 1206-01-84/85. 0.4 Miles; Construction Cost: \$10M.

St. Paul Avenue and North Street Reconstruction, Madison Street – Moreland Boulevard, Waukesha County, WisDOT IDs 2210-01-71/72. 1.7 Miles; Construction Cost: \$4M.

STH 113 Reconstruction, Packers Avenue and Northport Drive, CTH CV – Knutson Drive, Dane County, WisDOT IDs 5420-03-71/78. 2.1 Miles; Construction Cost: \$9M.

## EDUCATION

BS, Civil Engineering, Emphasis in Transportation and Construction, University of Wisconsin - Platteville

> PROFESSIONAL LICENSES/REGISTRATIONS

Professional Engineer (PE): WI

HTCP Certifications: TMS, PCCTEC-I, NUCDENSITYTEC-I

#### **PROFESSIONAL AFFILIATIONS**

ACEC American Council of Engineering Companies ASCE American Society of Civil

Engineers WTBA Wisconsin Transportation

**Builders Association** 

#### CONTINUING EWDUCATION

Cost Risk Assessment - Verona Road Stage 2, WisDOT, 2016

> ACEC Future Leaders Institute, Class of 2016

Best Practices for Constructing and Specifying Longitudinal HMA Joints, FHWA/Asphalt Institute,

Traffic Impact Studies, ASCE, 2013

Proposal Estimating, WisDOT, 2012

Managing Construction Administration Risk, 2010 Roadside Safety Design, WisDOT, 2010

> Principles of Project Management, 2009

February 2013





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Pavement design

AutoCAD Civil3D

Conflict resolution

Construction estimating

Contract administration

Document management





## References

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Members of this **CORRE** team have worked with the City of Waukesha on various streets since 2007. We have worked side-by-side with the City's staff for the successful completion of those projects. We appreciate the common sense approach the City's staff takes and the knowledge they provide. **CORRE** and **CORRE** staff also have strong working relationships with the following clients:

### City of Waukesha

**CORRE** staff (Paul Burg) provided construction oversight in 2017 and 2018 for:

- Northview Road Phase I Street and Utility Improvements: this \$3M project involves installing storm sewer, upsizing portions of water main to 12-inch PVC, CCIP lining of sanitary sewer main and sanitary sewer service laterals, installing traffic signals, concrete pavement, and improving streetlighting.
- Meadowbrook Road (W. Waukesha Bypass) Reconstruction: this \$4M project was a staged urban reconstruct with concrete paving, storm sewer, and an environmentally sensitive drainage basin.



Reference Contact Brandon Schwenn, PE Engineer City of Waukesha 262.524.3585 bschwenn@waukesha-wi.gov Key Staff: Paul Burg, Jon Young

### Racine County

**CTH C/Spring Street Reconstruction, Racine County: CORRE** provided construction inspection services for this awardwinning reconstruction project in 2013. This urban concrete pavement reconstruct project involved coordination with the Village of Mount Pleasant for sanitary sewer, the City of Racine for water main, and telecommunication companies for relocating existing lines.

A major aspect of the project was the relocation of a tributary to the Pike River. The diversion channel was successful – trout life was not affected and the new facilities held up under strong storms. The project also consisted of wetland mitigation, suspect subgrade soils, high water table, and right of way acquisition issues.



Reference Contact Nathan Plunkett Assistant Commissioner/Engineer Portage County (Former Racine County Engineer) 715.345.5230 plunketn@co.portage.wi.us Key Staff: Paul Burg



#### Ozaukee County

**CTH V Reconstruction, Ozaukee County: CORRE** provided construction oversight services for the reconstruction of CTH V in Grafton in 2016. The project consisted of intersection improvements and expansion performed in multiple stages. The fast-track pace of the project and contractor required project staff to make quick decisions that proved to be beneficial.

Efficient inspection by staff kept this tightly-budgeted project on track along with minimal comments/changes required on final documentation.



Reference Contact Jon Edgern Highway Commissioner 262.284.8331 jedgern@co.ozaukee.wi.us

Key Staff Paul Burg

### WisDOT Southeast Region

I-94 N-S Freeway, Ryan Road Interchange, Milwaukee County, IDs 1030-20-85 and 1030-26-72: CORRE is providing construction oversight and inspection services for this \$17M project as part of the N-S Freeway expansion. The multi-staged project consists of reconstructing the I-41/94 and Ryan Road Interchange and box culvert extensions on I-41/94. The new interchange design will result in fewer crashes and accommodate higher traffic volumes as part of the larger corridor project.



Reference Contact Brad Peterson WisDOT Southeast Region 414.750.8851 bradleym.peterson@dot.wi.gov

Key Staff: Brad Porter, Joe Gruenhagen, Tyler Kohlmann .

### WisDOT Southeast Region Local Program

**Project: ATC Controller and Communications Upgrade, City of Milwaukee, Milwaukee County, ID LFA 2984-44-90.** CORRE is providing construction oversight and inspection services for the City of Milwaukee ATC Controller and Communications Upgrade Grant # 1. This project consists of building new traffic signal controller cabinets; fitting the cabinets with new hardware, software and wireless ethernet cards; installing and reconnecting cables in the new cabinets at the appropriate intersection; and testing the operation of the equipment.



Reference Contact Mark Zapp 414.750.2645 mark.zapp@dot.wi.gov Key Staff: Paul Burg

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# **2019 Hourly Rates**

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Classification	Hourly Rate	
Senior Construction Service Representative (CSR)	\$95.00	
Construction Services Representative (CSR) Technician II	\$85.00	
Construction Services Representative (CSR) Technician I	\$65.00	
Construction Project Manager	\$115.00	