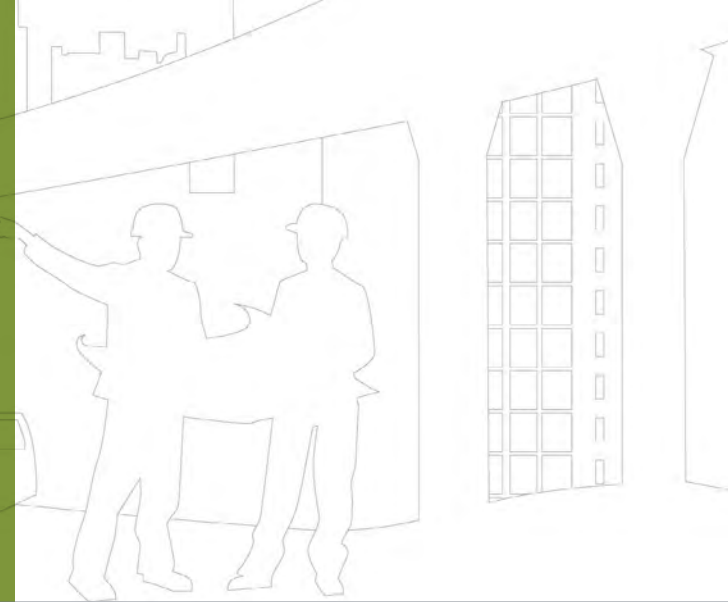


PROPOSAL FOR CONSTRUCTION SERVICES

# Link Rapid Transit

City Project No. J8707

ROCHESTER, MINNESOTA | FEBRUARY 26, 2024



Building a Better World  
for All of Us®

Engineers | Architects | Planners | Scientists

February 26, 2024

Josh DeFrang  
Construction Project Manager  
jdefrang@rochestermn.gov



Building a Better World  
for All of Us®

**Re: Link Rapid Transit Construction Services | City Project No. J8707**

Dear Members of the Selection Committee:

The City of Rochester has seen a tremendous increase in the amount of people working, living, and visiting the downtown area and that number is expected to continue to rise. To accommodate this growth, the City has identified a desire to add the Downtown Rochester Link Rapid Transit (RT) Line to the bustling downtown 2nd St. SW corridor. The design for the facilities associated with that line is nearly complete and the funds are in place, so now is the time to build.

This project is highly anticipated, and you will face a big decision as to who will best serve City staff, the community, and other stakeholders. Short Elliott Hendrickson Inc. (SEH®) understands this and is excited to put our name in for consideration. After reviewing the RFP, discussing the project with your staff, and conducting our own investigations, we believe we have a thorough understanding of the project challenges and are **READY, FOCUSED, and PROVEN** to help you get the RT user-ready. The following proposal details how our team, relevant experience, and detailed approach will lead to a successful project. A few highlights include:

**It's time to construct the facilities associated with the RT line and we are READY.** We've been prepared for this project for quite some time now, as we know you have too. SEH is the local firm and has the qualified individuals right in our Rochester office who are committed and available to work on these projects. This project directly affects many of our team members since the project location is just a couple of blocks from our office. To us, this isn't just a run of the mill project for a client; this is our home, and the City of Rochester is our neighbor. We want to be a part of it, and we will make every effort to make it a success.

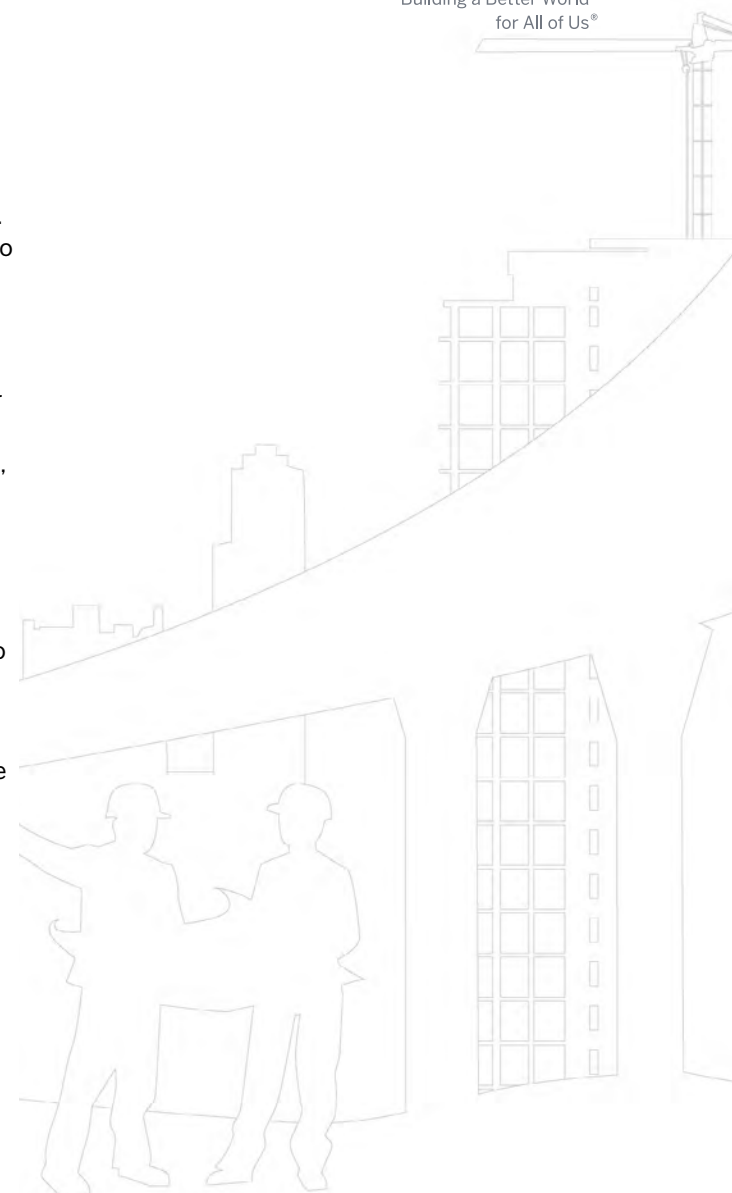
To show our familiarity with the project and demonstrate our readiness to take it on, we took some drone footage and developed some issues and opportunities in our proposal. You can view a snapshot [here](#), otherwise we have also provided it in our project understanding section.

Being prepared also means that we have the staff who can do the work. During the past several months, we have been intentional about the projects we've pursued to make sure that we have the staff ready and available to put your project front and center. We also added new staff members, as well as strategically teamed with partner firms, including DBEs and those with FTA and transit experience, so we truly are ready to get to work.

Engineers | Architects | Planners | Scientists

**Short Elliott Hendrickson Inc.**, 717 Third Avenue SE, Suite 101, Rochester, MN 55904-7373  
507.288.6464 | 888.908.8166 fax | [sehinc.com](http://sehinc.com)

SEH is 100% employee-owned | Affirmative Action–Equal Opportunity Employer



**A successful project will be dependent on the team and the qualifications they have, and we are FOCUSED to bring the best.** We have the qualifications needed to bring this project home. Our staff is highly capable, qualified, and ready to do this work. Having a capable and focused staff means that you don't have to worry about whether or not you'll get the project you want. We vetted our team to match the requirements you set out in the RFP and those individual's qualifications are highlighted throughout this proposal.

As a firm, SEH has completed relevant work not only in the City of Rochester, but also for other agencies such as City of Minneapolis, City of St. Paul, Ramsey and Hennepin Counties, and MnDOT. Many of these projects are described in our proposal. We encourage you to contact our references about our work.

**The schedule and budget will be critical to maintain funding and having a PROVEN approach and team can accommodate that.** Our history of delivering projects to the City of Rochester includes hundreds of projects spanning over the last 50 years. One could say that with this number of projects, we understand your processes and preferences. We bring approaches both to project management and quality management that have been proven and successful. More recently our team has been heavily involved in projects directly affecting this corridor as well as the RT line, such as the 1st Street Tunnel and the right of way acquisition for the entire project. Few firms have the knowledge or working history with the City that SEH and our proposed team do.

We also understand that this project involves federal funds, and FTA processes which means that a proven process will be needed to make sure that everything is documented and submitted properly to keep your funding. We will work with you to make sure that everyone understands their part. Being the local team affords us the opportunity to be on site with minimal notice – whether that's for an inspection or a simple question that might come up.

## SUMMARY

SEH is excited at the opportunity to help build this project, to make it a success, and to continue building upon the relationship we've already established with the City of Rochester. We know we can be an excellent partner for you on this project. After reviewing this proposal, we hope you feel the same way. We want to do this project and want to be part of the future Rochester. Should you have any questions regarding our submittal, please contact our Principal in Charge Scott Samuelson, or Construction Manager Jeremy Hofmeister.

Respectfully submitted,

SHORT ELLIOTT HENDRICKSON INC.

"We are excited about the opportunity  
to again be an extension of your  
staff on successful construction  
management projects."



  
JEREMY HOFMEISTER  
CONSTRUCTION MANAGER



  
SCOTT SAMUELSON PE (MN)  
PRINCIPAL IN CHARGE





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The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.

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The information contained in this Proposal was prepared specifically for you and contains proprietary information. We would appreciate your discretion in its reproduction and distribution. This information has been tailored to your specific project based on our understanding of your needs. Its aim is to demonstrate our ideas and approach to your project compared to our competition. We respectfully request that distribution be limited to individuals involved in your selection process.

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ROCHC 175101

# Company Overview

## SHORT ELLIOTT HENDRICKSON INC. (SEH®)

SEH is a 100% employee-owned engineering, architectural, environmental, and planning company. Our integrated teams simplify the world's complex challenges by improving mobility, designing better places, engineering clean water, and renewing infrastructure. With clients across the nation and with projects in nearly every state, our collective purpose and body of work is focused on Building a Better World for All of Us®.

### ROCHESTER OFFICE – LOCAL SERVICE WITH NATIONAL RESOURCES

While our resource pool spans the nation, rest assured that our service to you retains all the benefits of a local firm: ample regional experience and knowledge, working relationships with nearby municipal entities, local firms and contractors, and most importantly, a personal approach to service.

Our Rochester staff, as your primary points of contact, have lived and worked in the area and consider it home. Being local affords us familiarity with the project area as well as impacted locations. We understand the challenges with the sites and how this project affects them. Being local also means that we will be impacted in some way by this project, whether it be as we're driving the corridor or utilizing the transit line. To that end, we have a vested interest in its success.



SEH has partnered with a large team of consultants to provide additional resources and specific expertise to our team.

SEH has worked with a majority of these firms regularly in the past and with the additional resources they bring, we have the ability to provide the City of Rochester with more than required capacity to oversee this project. **You can learn more about their services and their team members in the following section.**

SHORT ELLIOTT  
HENDRICKSON INC.

Founded in  
**1927**

WITH OVER **50** YEARS

of experience in construction observation, materials testing, and construction administration work



**IN CLOSE PROXIMITY TO THE PROJECT** (a block away from 6th St. Station and can be to W. Transit Village in 10 minutes)



HAVE COMPLETED

**700+**

projects for the City of Rochester, including over 200 construction service projects



AN IMPRESSIVE **80%**



of our clients are repeat customers

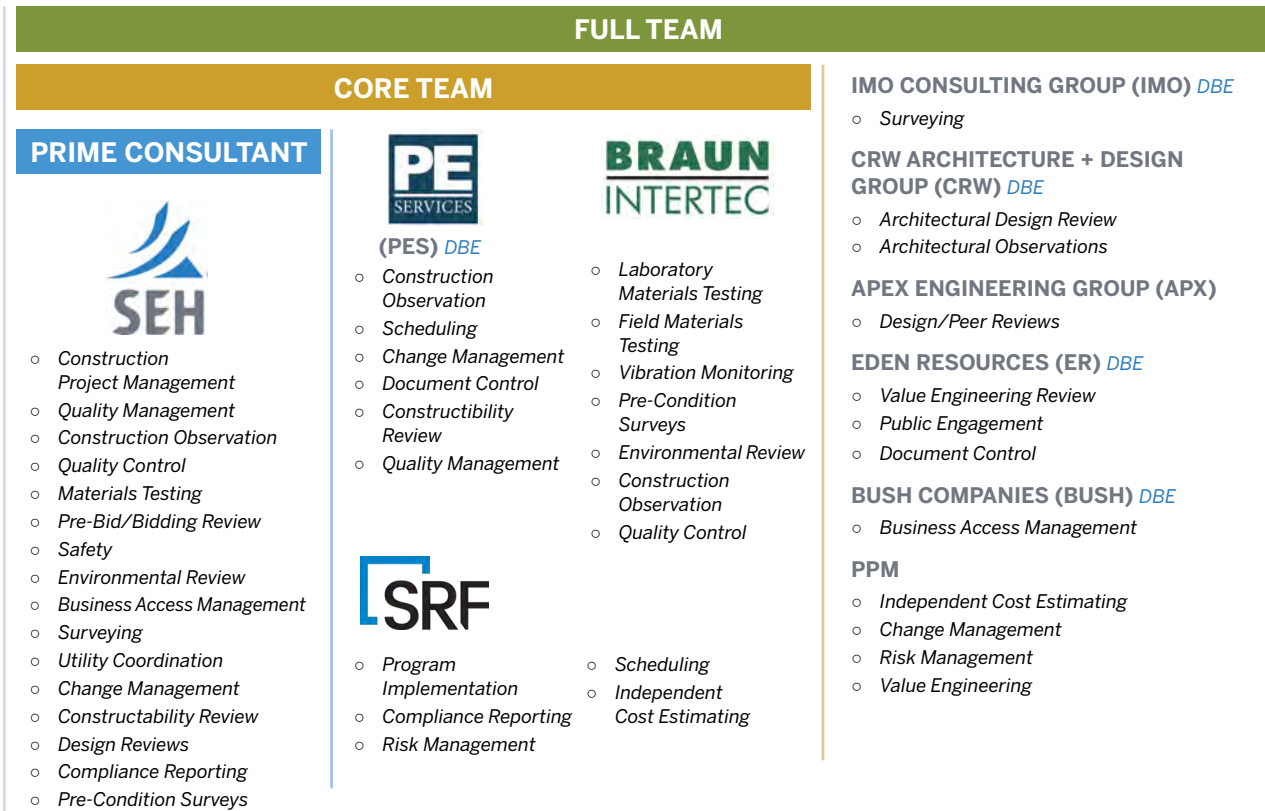


# Team Structure and Qualifications

## PROJECT TEAM WITH THE RIGHT PORTFOLIO

SEH is ready for this project, and has assembled a highly skilled project team with the expertise, resources, and availability to provide construction engineering services to the City of Rochester, DMC, and FTA with utmost success. Our team brings a long, proven history of completing similar projects, that have included full construction observation representation, construction administration services, and construction surveying.

The following organizational chart and subsequent short bios highlight the essential staff who will focus on overseeing each area of need on the project, while seamlessly coordinating with you and your project stakeholders. We have also provided resumes in the appendix of this proposal.



KEY PERSONNEL	EXPERIENCE		
	MnDOT	City of Rochester	Federal Funds
Jeremy Hofmeister	✓	✓	✓
Ted Johnson	✓	✓	✓
Brian McIntire	✓	✓	✓
Jesse Gamst	✓	✓	✓
Trevor Latzke	✓	✓	✓
Nyema Appleton	✓		✓
Jacob Michaelson	✓	✓	✓
Keri Aufdencamp	✓	✓	✓
Kevin Accola	✓		✓
Chris Munn	✓	✓	✓
Kenneth Bush	✓	✓	✓

SEH commits that the team selected for this project is fully capable of completing all the necessary work within the established timeline. We have also discussed these requirements with our teaming partners and confirmed their capacity to be part of our dedicated team that will deliver a successful project.





CITY OF ROCHESTER  
STRATEGIC INITIATIVES DIRECTOR  
Joshua Johnsen

CITY OF ROCHESTER  
CONSTRUCTION PROJECT MANAGER  
Josh DeFrang

CITY OF ROCHESTER  
FTA COORDINATOR  
Ia Xiong

CONSTRUCTION MANAGER

Jeremy Hofmeister | SEH

TEAM MANAGER

Scott Samuelson PE | SEH

QUALITY MANAGERS

Justin Bossert | PES  
Scott Samuelson PE | SEH

PROGRAM IMPLEMENTATION

COMPLIANCE REPORTING

Curt Sohn PSP, PMP | SRF  
Scott Samuelson PE | SEH

RISK MANAGEMENT

Curt Sohn PSP, PMP | SRF  
Doug Holmberg PE, CPE | PPM

BUSINESS ACCESS  
MANAGEMENT (ALTERNATIVE)

Kenneth Bush | BUSH  
Tina McLaughlin | SEH

PUBLIC ENGAGEMENT

Natasha Brown | ER

BID PACKAGE

- (1) – West Transit Village
- (2) – Civil
- (3) – Architectural
- (4) – Maintenance Bay

KEY

XX – Key Personnel as per RFP  
**XX** – Value Added Key Personnel  
XX – Support staff

CONSTRUCTION OBSERVATION

PUBLIC INFRASTRUCTURE  
PROJECT REPRESENTATIVE (1)(2)

Ted Johnson | PES  
Brian McIntire | SEH

VERTICAL  
PROJECT REPRESENTATIVE (3)

Brian McIntire | SEH  
Jason Woodhouse AIA, LEED® AP | CRW

ARCHITECTURAL STRUCTURES  
PROJECT REPRESENTATIVE (4)

Jesse Gamst | BRAUN  
Jason Woodhouse AIA, LEED® AP | CRW

CONSTRUCTION SUPPORT (ALTERNATIVE)

Trevor Latzke | SEH

Nyema Appleton | SEH

QUALITY CONTROL  
MATERIAL/LAB TESTING

Jacob Michaelson | SEH  
Dave Smith | BRAUN  
Joshua Kylander | BRAUN

SUPPORT SERVICES

PRE-BIDDING/BIDDING  
REVIEW

Jeremy Hofmeister | SEH  
Doug Holmberg PE, CPE | PPM  
Jason Woodhouse AIA, LEED® AP | CRW

PRE-CONDITION SURVEYS

Josh Tarbell PE | SEH  
Jesse Gamst | BRAUN

VIBRATION MONITORING

Kimberly Deibel PE | BRAUN

SAFETY

Kevin Accola CSP, ASP, CHMM | SEH

ENVIRONMENTAL REVIEW

Keri Aufdencamp CESSWI, CPESC | SEH  
Jill Mickelson PE | BRAUN  
Naomi Dolton | SEH

SURVEYING

Chris Munn LS | SEH  
Andrew Christenson LS | IMO  
Eric Ziemann | SEH  
Naomi Dolton | SEH

UTILITY COORDINATION

Nate McLaughlin | SEH  
Dan Horsch PE | SEH

PROJECT CONTROLS

SCHEDULING

Curt Sohn PSP, PMP | SRF  
Ross Jentink PE | PES  
Doug Holmberg PE, CPE | PPM

INDEPENDENT COST  
ESTIMATING

Doug Holmberg PE, CPE | PPM  
Kyle Dobias CEP | SRF

CHANGE MANAGEMENT

Ross Jentink PE | PES  
Jeremy Hofmeister | SEH  
Doug Holmberg PE, CPE | PPM

DOCUMENT CONTROL

Elia Ayaz | PES  
Mariaha Dean MAEL, LEED® AP | ER

PEER REVIEW AND VALUE ENGINEERING

CONSTRUCTABILITY REVIEW

Jeremy Hofmeister | SEH  
Ross Jentink PE | PES

DESIGN REVIEWS

Georgina Stanley-Woidyla PE | APX  
  
Jeremy Walgrave PE, CFM | SEH  
Drainage  
  
Ben Wolf PE | SEH  
Structural  
  
Josh Breid PE | SEH  
Roadway/ADA  
  
Erin Jordan PE | SEH  
Traffic  
  
Jason Woodhouse AIA, LEED® AP | CRW  
Architecture

VALUE ENGINEERING REVIEW

Doug Holmberg PE, CPE | PPM  
Mariaha Dean MAEL, LEED® AP | ER









The specific licenses and credentials of the team members are described in the personnel and/or resume section of this document.



## SCOPE OF SERVICES KEY

- |  |  |   |
|--|--|---|
| <b>1</b> Constructability/Peer Review  | <b>4</b> Program Implementation and Support                | <b>7</b> Construction Quality Control and Material Testing Services |
| <b>2</b> Utility Coordination Services | <b>5</b> Pre-Bid, Bidding, and Pre-Construction Activities | <b>8</b> Survey   |
| <b>3</b> Construction Project Controls | <b>6</b> Construction Activities                           | <b>9</b> Closeout Activities  |




## KEY PERSONNEL PER RFP

TEAM MEMBER AND ROLE	REQUIRED MINIMUM QUALIFICATIONS	RELEVANT EXPERIENCE
 <b>JEREMY HOFMEISTER</b> SEH Construction Manager 	<ul style="list-style-type: none"> <li>✓ 8+ years of experience managing roadway construction projects</li> <li>✓ Construction management experience on major projects within 5 years</li> <li>✓ Knowledge of federal procurement guidelines, including "Buy America"</li> <li>✓ Knowledge of Risk Management Procedures per FTA guidelines</li> <li>✓ Knowledge of City of Rochester and MnDOT design specifications</li> <li>✓ Past constructability, peer reviews, and cost estimating experience</li> <li>✓ Knowledge of ADA requirements</li> </ul>	<ul style="list-style-type: none"> <li>○ 48th Street and Commercial Drive – Rochester, MN</li> <li>○ Mayo 1st Ave Tunnel – Rochester, MN</li> <li>○ US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN</li> <li>○ Dresbach I-90 Bridge and Approach Reconstruction Oversight (MnDOT District 6) – Dresbach, MN</li> </ul>
 <b>TED JOHNSON</b> PE SERVICES Public Infrastructure Project Representative 	<ul style="list-style-type: none"> <li>✓ 5+ years experience working on public infrastructure projects</li> <li>✓ Experience on City of Rochester and MnDOT projects</li> <li>✓ Knowledge of federal procurement guidelines, including "Buy America"</li> <li>✓ Knowledge of ADA requirements</li> <li>✓ Holds multiple MnDOT Certifications</li> </ul>	<ul style="list-style-type: none"> <li>○ US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN</li> <li>○ Southwest Light Rail Transit (SWLRT) – St. Louis Park, MN</li> <li>○ US Bank Stadium – Minneapolis, MN</li> </ul>
 <b>BRIAN McINTIRE</b> SEH Vertical Project Representative 	<ul style="list-style-type: none"> <li>✓ 5+ years of experience working on vertical construction projects</li> <li>✓ Experience with the Minnesota Building and National Electrical Codes</li> <li>✓ Knowledge of federal procurement guidelines, including "Buy America"</li> <li>✓ Knowledge of ADA requirements</li> <li>✓ MnDOT Bridge Certified and experience with tunnel construction in Rochester</li> <li>✓ International Code Council (ICC) Certified Special Inspector</li> </ul>	<ul style="list-style-type: none"> <li>○ Southwest LRT Construction Monitoring – West Metro Twin Cities, MN</li> <li>○ Mayo 1st Ave Tunnel – Rochester, MN</li> <li>○ 48th Street and Commercial Drive – Rochester, MN</li> </ul>
 <b>JESSE GAMST</b> BRAUN INTERTEC Architectural Structures Project Representative 	<ul style="list-style-type: none"> <li>✓ Knowledge of federal procurement guidelines, including "Buy America"</li> <li>✓ Knowledge of ADA requirements</li> <li>✓ Experience with the Minnesota Building and National Electrical Codes</li> <li>✓ International Code Council (ICC) Certified Special Inspector</li> <li>✓ Holds multiple MnDOT Certifications</li> <li>✓ Experience on City of Rochester and MnDOT projects</li> </ul>	<ul style="list-style-type: none"> <li>○ 55th Street NW Expansion – Rochester, MN</li> <li>○ US Highway 14 – Dodge Center to Owatonna, MN</li> <li>○ The Berkman – Rochester, MN</li> <li>○ Hilton Hotel – Rochester, MN</li> </ul>



TEAM MEMBER AND ROLE	REQUIRED MINIMUM QUALIFICATIONS	RELEVANT EXPERIENCE
 <b>JACOB MICHAELSON</b> SEH <b>Quality Control/Materials Testing Specialist</b> 5 6 7 9	<ul style="list-style-type: none"> <li>✓ Knowledge of the MnDOT SMC Sampling and Testing Frequency</li> <li>✓ Proficient in Federal Material Certification Submittals</li> <li>✓ Holds multiple MnDOT Certifications including concrete/bituminous plant</li> <li>✓ Knowledge of federal procurement guidelines, including “Buy America”</li> <li>✓ Knowledge of ADA requirements</li> <li>✓ Experience on City of Rochester and MnDOT projects</li> </ul>	<ul style="list-style-type: none"> <li>○ 48th Street and Commercial Drive – Rochester, MN</li> <li>○ US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN</li> <li>○ TH 14 Design-Build Construction Verification (MnDOT D6/Mead &amp; Hunt) – Owatonna, MN</li> </ul>
 <b>TREVOR LATZKE</b> SEH <b>Construction Inspector (Alternative)</b> 6 7	<ul style="list-style-type: none"> <li>✓ 3+ years experience working on City of Rochester and MnDOT projects</li> <li>✓ Knowledge of ADA requirements</li> <li>✓ Holds multiple MnDOT Certifications</li> <li>✓ Capable of performing all inspection duties</li> </ul>	<ul style="list-style-type: none"> <li>○ Mayo 1st Ave Tunnel – Rochester, MN</li> <li>○ Century Valley 3rd – Rochester, MN</li> <li>○ Water Street Sanitary Capacity Improvement Project – Saint Paul, MN</li> </ul>
 <b>NYEMA APPLETON</b> SEH <b>Construction Inspector (Alternative)</b> 6 7	<ul style="list-style-type: none"> <li>✓ 3+ years experience working on City of Rochester and/or MnDOT projects</li> <li>✓ Holds multiple MnDOT Certifications</li> <li>✓ Capable of performing all inspection duties</li> <li>✓ Knowledge of ADA requirements</li> </ul>	<ul style="list-style-type: none"> <li>○ Water Main Construction Observation and Admin Services (Shakopee Public Utilities) – Shakopee, MN</li> <li>○ Street and Utility Improvements (City of Henderson) – Henderson, MN</li> </ul>
 <b>KERI AUFDENCAMP</b> CESSWI, CPESC SEH <b>Environmental Project Representative</b> 5 6	<ul style="list-style-type: none"> <li>✓ HAZWOPER 40-hour certification</li> <li>✓ Experience reviewing environmental documents</li> <li>✓ Experience creating and implementing Mitigation Plan through Response Action Plan</li> <li>✓ Experience performing as needed erosion control inspection in accordance with MnDOT Standard and Specifications and Special Provisions</li> </ul>	<ul style="list-style-type: none"> <li>○ Brooklyn Center Transit Station (Met Council) – Brooklyn Center, MN</li> <li>○ Southwest LRT Construction Monitoring (Metro Transit) – Twin Cities, MN</li> <li>○ Gold Line BRT Ph2 ESA (Met Council) – East Metro Twin Cities, MN</li> </ul>
 <b>KEVIN ACCOLA</b> CSP, ASP, CHMM SEH <b>Construction Safety Officer</b> 4 6 7	<ul style="list-style-type: none"> <li>✓ Experience developing Project Safety Program</li> <li>✓ Knowledge of construction safety per FTA guidelines for all construction activities</li> <li>✓ Experience with OSHA field safety compliance and corrective action follow up</li> <li>✓ Experience with conducting OSHA consult walk-throughs</li> </ul>	<ul style="list-style-type: none"> <li>○ Safety Director – St. Paul, MN</li> <li>○ Safety Manager – Augusta, WI</li> <li>○ Environmental Health and Safety Manager – Menomonie, WI</li> </ul>
 <b>CHRIS MUNN</b> PLS SEH <b>Survey Project Lead</b> 8	<ul style="list-style-type: none"> <li>✓ Experience in construction staking for all services including, utilities, civil, and architectural</li> <li>✓ Performs quality assurance and quality control on all types of survey projects</li> <li>✓ Experience with tunnel and large structure construction surveying projects</li> <li>✓ Experience with survey crew coordination</li> </ul>	<ul style="list-style-type: none"> <li>○ 2nd Street Southwest Reconstruction, Phase II – Rochester, MN</li> <li>○ 1st Street Plaza – Rochester, MN</li> <li>○ Mayo 1st Ave Tunnel (The Boldt Company) – Rochester, MN</li> </ul>
 <b>KENNETH BUSH</b> BUSH COMPANIES <b>Business Access Manager (Alternative)</b> 4 6	<ul style="list-style-type: none"> <li>✓ Experience managing strategic partnerships with community and stakeholders</li> <li>✓ Experience with Rochester’s Business Forward Initiative</li> <li>✓ Experience in the mediation process with owners, contractors and stakeholders</li> <li>✓ MnDOT Certified in Flagging and Traffic Control</li> </ul>	<ul style="list-style-type: none"> <li>○ Hwy 61 – Wabasha to Winona, MN</li> <li>○ Viola Road Roundabout – Rochester, MN</li> <li>○ Quarry Hill Parking Lot Replacement – Rochester, MN</li> <li>○ Hwy 14 – Rochester to Chester, MN</li> </ul>

## VALUE ADDED KEY PERSONNEL

TEAM MEMBER AND ROLE	VALUE ADDED SERVICES	RELEVANT EXPERIENCE
 <b>SCOTT SAMUELSON</b> PE SEH Team and Quality Manager 1 4 6	<ul style="list-style-type: none"> <li>✓ Detailed knowledge of Rochester Link Rapid Transit project</li> <li>✓ Current Rochester Link Rapid Transit (RT) Land Acquisition Project Manager</li> <li>✓ Experience with development and oversight of large consultant teams</li> <li>✓ Extensive quality management experience</li> <li>✓ Experience with multiple City of Rochester and MnDOT projects</li> </ul>	<ul style="list-style-type: none"> <li>○ I-694/Rice Street Interchange Construction – Shoreview, MN</li> <li>○ US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN</li> <li>○ 2nd Street SW Reconstruction, PH 1-3 – Rochester, MN</li> </ul>
 <b>JUSTIN BOSSERT</b> PE SERVICES Quality Manager 5 6 7 9	<ul style="list-style-type: none"> <li>✓ Quality management experience</li> <li>✓ Experience with multiple MnDOT projects</li> <li>✓ Expertise in Change Management and Bidding verification</li> <li>✓ Experience with preparation and tracking of construction master schedules</li> </ul>	<ul style="list-style-type: none"> <li>○ TH 23 North Gap Expansion (MnDOT D3) – Spicer, MN</li> <li>○ TH 52 Reconstruction DB(Mndot D6) – Zumbrota, MN</li> <li>○ Gold Line BRT Project (Met Council) – St. Paul, MN</li> </ul>
 <b>CURT SOHN</b> PSP, PMP SRF Project Implementation and Project Controls Specialist 3 4	<ul style="list-style-type: none"> <li>✓ Knowledge of Risk Management procedures per FTA guidelines</li> <li>✓ Detailed knowledge of Rochester Link Rapid Transit project</li> <li>✓ Experience with multiple FTA projects</li> <li>✓ Certified planning and scheduling professional</li> <li>✓ Experience with preparation and tracking of construction schedules</li> </ul>	<ul style="list-style-type: none"> <li>○ Southwest Light Rail Transit (Metropolitan Council) – Twin Cities, MN</li> <li>○ Link Rapid Transit – Rochester, MN</li> <li>○ North-South BRT (Town of Chapel Hill) – Chapel Hill, NC</li> </ul>
 <b>TINA McLAUGHLIN</b> SEH Business Access and Administrative Support 4 6	<ul style="list-style-type: none"> <li>✓ Detailed knowledge of Rochester Link Rapid Transit project</li> <li>✓ Experience with preparation of FTA Project Management Subplans</li> <li>✓ Established relationship with impacted property owners along corridor</li> <li>✓ Experience in multiple administrative roles</li> </ul>	<ul style="list-style-type: none"> <li>○ Link Rapid Transit – Rochester, MN</li> <li>○ 2nd Street Southwest Reconstruction, Phase I-3 – Rochester, MN</li> <li>○ CSAH 60 Roundabout and Street Extension Final Design – Lakeville, MN</li> </ul>
 <b>JASON WOODHOUSE</b> AIA, LEED AP® CRW Vertical and Architectural Structures Project Representative Support 1 5 6 9	<ul style="list-style-type: none"> <li>✓ Experience with the Minnesota Building and National Electrical Codes</li> <li>✓ Experience with bus shelter and public architecture construction requirements</li> <li>✓ Extensive background monitoring construction progress and quality</li> <li>✓ Experience coordinating among other design disciplines and trades on building projects</li> <li>✓ Extensive experience on City of Rochester projects</li> <li>✓ Professional Architect in Minnesota</li> </ul>	<ul style="list-style-type: none"> <li>○ 2nd Street Bus Shelters – Rochester, MN</li> <li>○ Waste to Energy Facility (Olmsted County) – Rochester, MN</li> <li>○ Sheriff's Office Remodel (Olmsted County) – Rochester, MN</li> </ul>
 <b>NATE McLAUGHLIN</b> SEH Utility Coordination 2 5 6	<ul style="list-style-type: none"> <li>✓ Utility service tunnel and pedestrian tunnel construction coordination</li> <li>✓ Holds multiple MnDOT Certifications</li> <li>✓ Experience on City of Rochester and MnDOT projects</li> <li>✓ Knowledge of City of Rochester design standards</li> </ul>	<ul style="list-style-type: none"> <li>○ Mayo Kellen Electrical Duct Banks – Rochester, MN</li> <li>○ TH 63 Upgrades – Rochester, MN</li> <li>○ Mayo First Avenue Utility, Pedestrian, and Service Tunnels – Rochester, MN</li> </ul>
 <b>JOSH TARBELL</b> PE SEH Pre-Condition Survey Lead 5	<ul style="list-style-type: none"> <li>✓ Experience coordinating and creating pre-construction condition surveys</li> <li>✓ Professional Structural Engineer in Minnesota</li> <li>✓ Extensive structural monitoring experience</li> <li>✓ Experience with City of Rochester, Olmsted County, and MnDOT projects</li> </ul>	<ul style="list-style-type: none"> <li>○ Mayo 1st Ave Tunnel Building Assessment – Rochester, MN</li> <li>○ West Bend Riverwalk - Preconstruction Private Assessment Survey – West Bend, WI</li> </ul>

TEAM MEMBER AND ROLE	VALUE ADDED SERVICES	RELEVANT EXPERIENCE
 <b>JOSHUA KYLANDER</b> BRAUN INTERTEC <b>Laboratory Testing Lead</b> 7	<ul style="list-style-type: none"> <li>✓ Materials laboratory testing management experience</li> <li>✓ Experience with managing annual laboratory accreditation</li> <li>✓ Experience with all laboratory testing procedures and methods</li> </ul>	<ul style="list-style-type: none"> <li>○ Southwest Light Rail (Metropolitan Council) – Twin Cities, MN</li> <li>○ Hastings Bridge – Hastings, MN</li> <li>○ Central Corridor Light Rail Transit – Minneapolis and St. Paul, MN</li> </ul>
 <b>KIMBERLY DEIBEL</b> PE BRAUN INTERTEC <b>Vibration Monitoring Lead</b> 5	<ul style="list-style-type: none"> <li>✓ Expertise in structural engineering and vibration monitoring</li> <li>✓ Experience with the design and investigation of different types of building materials</li> <li>✓ Professional Engineer in Minnesota</li> </ul>	<ul style="list-style-type: none"> <li>○ Eagle Crest Assisted Living – Roseville, MN</li> <li>○ Stillwater Correctional Facility, Building 21 – Stillwater, MN</li> <li>○ Vibration Monitoring and PCCS for Road Improvement Projects (City of Minneapolis) – Minneapolis, MN</li> </ul>
 <b>NATASHA BROWN</b> EDEN RESOURCES <b>Public Engagement Specialist</b> 6	<ul style="list-style-type: none"> <li>✓ Experience in community engagement liaison for both design and construction projects</li> <li>✓ Experience in various types of public engagement methods</li> <li>✓ Clear and concise communicator</li> </ul>	<ul style="list-style-type: none"> <li>○ Roseville Civic Center Campus – Roseville, MN</li> <li>○ Hiawatha Public Works – Minneapolis, MN</li> <li>○ Central Corridor LRT – Twin Cities, MN</li> </ul>
 <b>DOUG HOLMBERG</b> PE, CPE PPM <b>Project Controls and Project Implementation Specialist</b> 3 4 5 6	<ul style="list-style-type: none"> <li>✓ Knowledge of Risk Management Procedures per FTA guidelines</li> <li>✓ Experience developing independent cost estimates on large projects</li> <li>✓ Certified Professional Construction Cost Estimator (CPE)</li> <li>✓ Expertise in Change Management and Bidding verification</li> <li>✓ Experience with preparation and tracking of construction master schedules</li> </ul>	<ul style="list-style-type: none"> <li>○ Allianz North American Headquarters – Minneapolis, MN</li> <li>○ Protein Design Labs – Minneapolis, MN</li> <li>○ Unisys Corporation Data Center – Eagan, MN</li> </ul>
 <b>ROSS JENTINK</b> PE PE SERVICES <b>Project Controls and Peer Review Specialist</b> 1 3 5	<ul style="list-style-type: none"> <li>✓ Experience with preparation and tracking of construction schedules</li> <li>✓ Experience in change management of transit projects</li> <li>✓ Past constructability, peer reviews and cost estimating experience</li> <li>✓ Certified in P6 scheduling</li> </ul>	<ul style="list-style-type: none"> <li>○ Blatnik Bridge Project Management and Financial Plans (MnDOT) – Duluth, MN</li> <li>○ Blue Line Light Rail Extension Project (Met Council) – Minneapolis, MN</li> <li>○ Gold Line BRT – St. Paul, MN</li> </ul>
 <b>ELIA AYAZ</b> PE SERVICES <b>Document Control Support</b> 3	<ul style="list-style-type: none"> <li>✓ Extensive office manager experience</li> <li>✓ Expertise in payroll compliance</li> <li>✓ Experience with multiple elements of project controls on construction projects</li> </ul>	<ul style="list-style-type: none"> <li>○ I-494 Airport to TH 169 Design-Build (MnDOT) – Bloomington, MN</li> <li>○ Blue Line Extension Light-Rail Project (Metropolitan Council) – Minneapolis, MN</li> </ul>
 <b>GEORGINA STANLEY-WOIDYLA</b> PE APEX <b>Design Review Lead</b> 1 5	<ul style="list-style-type: none"> <li>✓ Detailed knowledge of Rochester Link Rapid Transit project</li> <li>✓ Professional Engineer in Minnesota</li> <li>✓ Experience in rural and urban design, including independent design reviews</li> <li>✓ FTA and multiple transit project experience</li> </ul>	<ul style="list-style-type: none"> <li>○ Blue Line LRT Extension (Metropolitan Council) – Brooklyn Park, MN</li> <li>○ Riverview Corridor Modern Streetcar (Ramsey County) – Ramsey County, MN</li> </ul>





# Relevant Experience and References

## SUMMARY OF RELEVANT WORK

The following pages demonstrate our readiness, highlight SEH's Proven approach to DBE utilization, our core teams' BRT and Light Rail experience, SEH's extensive project experience in the City of Rochester, and a few of our highlighted relevant project examples that focus on similarities.



**CLICK HERE**

to learn about SEH's role on the US 63 Mississippi River Bridge Project

PROJECT	OBSERVATION AND INSPECTION	BUSINESS AND RESIDENT LIAISON	COORDINATION OF WORK BY OTHERS	PAYROLL/CO'S/DOC. CONTROL	ENVIRONMENTAL COMPLIANCE	MATERIAL TESTING	URBAN CONSTRUCTION	ADA COMPLIANCE	FEDERAL FUNDING	CONSTRUCTION STAKING	PROJECT CONTROLS	STRUCTURES	ONEOFFICE SOFTWARE USAGE
1st Avenue Tunnel – Rochester, MN	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓
Jackson Street – St. Paul, MN	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		
Lexington Avenue/CR F Reconstruction – Ramsey County, MN	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
2nd Street Transitway and Bus Shelters – Rochester, MN	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Southwest Lightrail Transit – Twin Cities, MN	✓	✓	✓		✓		✓		✓		✓	✓	
County Road C Reconstruction – Ramsey County, MN	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Marquette/2nd Avenue Transitway – Minneapolis, MN	✓	✓	✓	✓	✓	✓	✓	✓	✓				
48th Street Intersection – Rochester, MN	✓	✓	✓		✓	✓	✓	✓			✓		✓
I-694/Rice Street Interchange – Ramsey County, MN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CSAH 22 (TH 112 Turn-back) – Le Sueur County, MN	✓	✓	✓	✓		✓		✓		✓	✓	✓	✓
Hennepin Avenue Reconstruction – Minneapolis, MN	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Twin Port Interchange – Duluth, MN	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
US 63 Mississippi River Bridge in Red Wing – MnDOT D6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
I-35W/CR H Interchange – Ramsey County, MN	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
Nicollet Mall Reconstruction – Minneapolis, MN	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		
First Street Plaza – Rochester, MN	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓

## SMALL BUSINESS/DISADVANTAGED BUSINESS UTILIZATION

SEH has a long and positive history of partnering successfully with Disadvantaged Business Enterprise (DBEs) and is excited to continue building upon this success. Diversity in team composition and maximizing subcontracting opportunities available to small businesses are fundamental aspects of a successful project. We pride ourselves on our ability to cultivate/mentor DBEs and provide opportunities to grow their experience and relationships with municipalities, MnDOT, and federal entities. These relationships are not just one-time occurrences for a single project but we strive for long-term relationships where value can be gained for our clients and most importantly the small businesses through the use of their localized resources, specialized expertise, and history of working in the area.

**SEH IS COMMITTED TO A 10% DBE GOAL FOR ALL CONTRACTED WORK FOR THE ROCHESTER LINK RT PROJECT.**

**FOR THIS PROPOSAL, WE ARE PARTNERED WITH FIVE DBE FIRMS – PE SERVICES, CRW, IMO, BUSH COMPANIES, AND EDEN RESOURCES.**

The graphic below demonstrates our recent history of partnering with Certified Small Businesses (CSBs) to diversify our teams and add value to our construction project delivery.

PROJECTS WITH SMALL BUSINESS GOALS	SMALL BUSINESS FIRMS	CSB GOAL	CSB ACTUAL
US 63 Mississippi River Bridge (MnDOT D6)	PE Services, Mn Best, Precision Testing	7%	33.5%
TH 301 (MnDOT D3)	PE Services	0%	5.9%*
City of Rochester Link Rapid Transit	Kelly Lindstrom, Nolan Appraisals	2.0%	22.0%*
I-494 Construction (MnDOT Metro)**	HZ United	8.7%	17.0%
TH 23 (MnDOT D8)	PE Services	16.0%	17.0%*
I-494 Surveying (MnDOT Metro)**	EVS	8.7%	43.9%
Hennepin Ave. Const. (City of Mpls.)	Mn Best	4.0%	5.3%
Nicollet Mall Const. (City of Mpls.)	PE Services, Isthmus Eng.	0%	7.7%

**Average Goal = 5.4% Actual SEH Average = 21.0%**

CSB Fee: \$2,842,515  
SEH Fee: \$10,718,150  
Construction Project Fees

\*Ongoing & budgeted goal is on track to meet or exceed  
\*\*2014 Post Letting Contract

## CORE TEAM BRT AND LIGHT RAIL TRANSIT PROJECT EXPERIENCE

PROJECT	CORE TEAMS			
	SEH	SRF	Braun	PES
Southwest Light Rail Transit – Twin Cities, MN	✓	✓	✓	✓
Town of Chapel Hill North-South BRT - Chapel Hill, NC		✓		
Multiple BRT projects – City of Raleigh, NC		✓		
IndyGo Purple Line BRT – Indianapolis, IN		✓		
Orange Line-Downtown Transit – Minneapolis, MN	✓			
Nicollet Mall Transit Shelters – Minneapolis, MN		✓		
Franklin O&M Facility Modifications – Minneapolis, MN		✓		
Mall of America Transit Station – Bloomington, MN		✓		
2nd Street Transitway and Bus Shelters – Rochester, MN	✓			
Duluth Transit Authority Electric Bus Equipment – Duluth, MN		✓		
Metro Blue Line Extension Light Rail – Minneapolis, MN	✓	✓		✓
Metro Gold Line Bus Rapid Transit – St. Paul, MN	✓	✓		✓
Central Corridor Light Rail Transit – Minneapolis and St. Paul, MN			✓	
Rush Line/Purple Line BRT – Ramsey County, MN		✓		
Marquette and 2nd Avenues Transitway – Minneapolis, MN	✓			

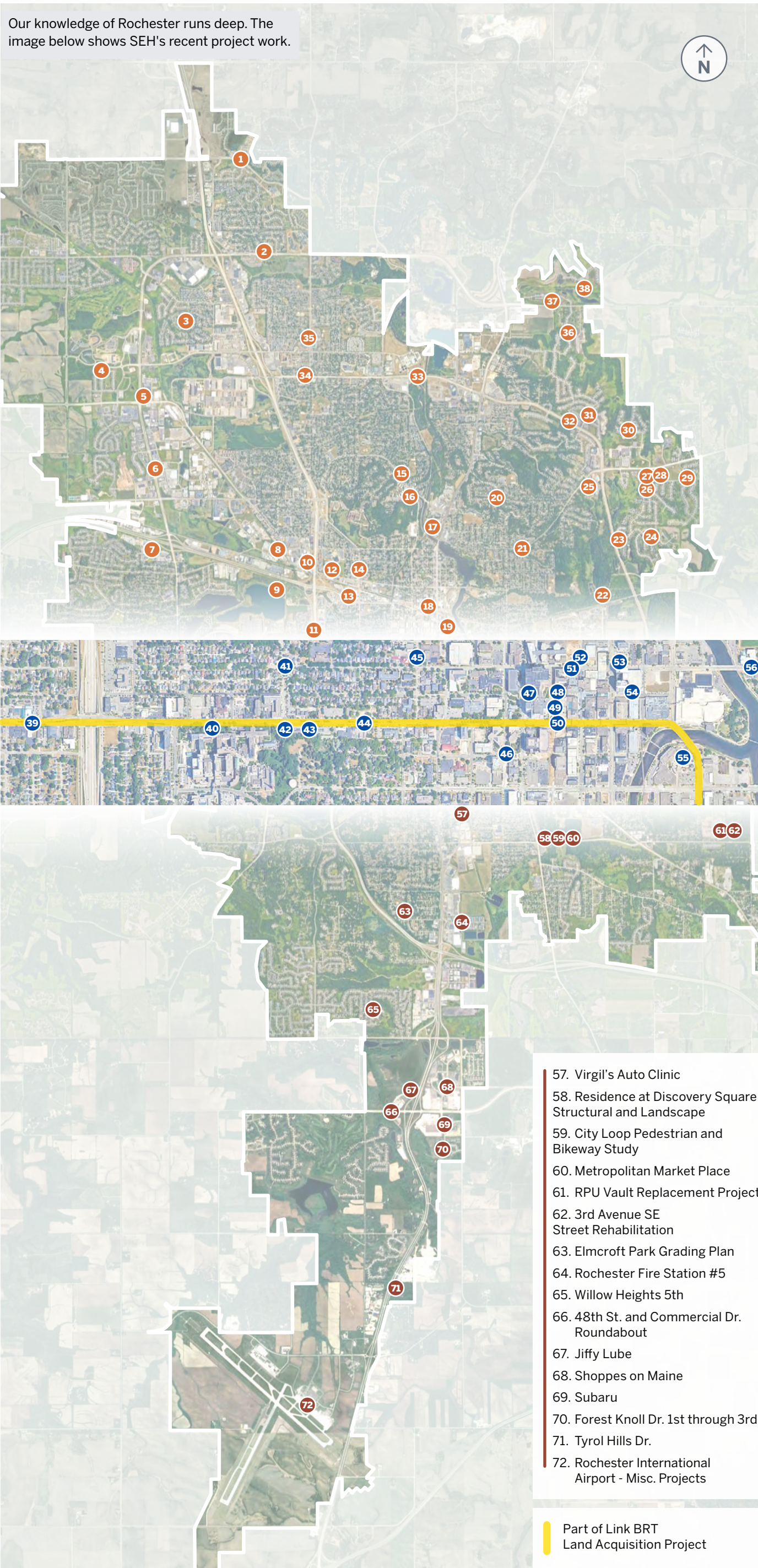
**DID YOU KNOW**

**SEH EXCEEDED THE DBE GOAL BY MORE THAN 25% ON THE US 63 MISSISSIPPI RIVER BRIDGE PROJECT IN RED WING, MN**



# OVERVIEW MAP | SEH PROJECTS IN THE AREA

1. The Lodge at Overland
2. Grading Plan and Landscaping - Calvary Evangelical Free Church
3. Public Improvements Lincolnshire 4th, 6th
4. Badger Hills 3rd, 4th
5. 3535 and 3425 40th Ave NW Buildings
6. Tap House West
7. 3555 9th St. Building
8. Lourdes Channel Improvements
9. Cascade Creek Bike Trail
10. Quality Woods Furniture
11. TH52 Design Build (ROC 52)
12. John Marshall Parking Lot Improvements (Area "C")
13. Update Site Survey and Improvements - Barlow Plaza
14. Washington Village Workforce Housing and Washington Elementary School Parking Lot
15. Hoover Elementary, including Parking Lot Improvements
16. Elton Hills Business Park
17. River Center Plaza
18. 1st Ave. Flats
19. Civic Center Dr. & West Silver Lake Dr. NE Intersection
20. Land Development Northern Heights East 6th
21. 14th St. NE/Viola Storm, Viola Rd. Reconstruction
22. Quarry Hill Park Cave Entrance Improvements
23. Century Village
24. Century Valley 1st through 3rd
25. Fire Station #2
26. Century Hills Townhomes 1st through 7th
27. Viola Rd & Century Hills Dr. NE
28. Century Hills NE Water Tower
29. Shannon Oaks 1st through 6th
30. Emerald Hills
31. Stonehedge 1st through 7th
32. NE Neighborhood Clinic East Circle Dr.
33. 37th St. over Zumbro River Br. # 55519 Repairs
34. South Parking Lot Drainage
35. 18th Ave NW Const. Observ.
36. Cassidy Ridge 1st through 4th
37. Hadley Creek Village 3rd
38. Hadley Creek Golf Wetland
39. 2nd St. Reconstruction Phase 3
40. Entrance Improvements St. Mary's Project #1067
41. W. Center & 11th Ave Intersection
42. Mayo - 11th Ave Extension
43. Parking Lot Improvements - St. Mary's Project #12
44. 2nd St. Reconstruction Phase 2
45. 7th Ave. Reconstruction
46. Kellen Duct Bank
47. 3rd Avenue SW and 1st Street SW Street and Utility Design
48. Rochester Peace Plaza
49. Annenberg Plaza Design and 2nd Avenue SW Street Design
50. 2nd St. Reconstruction Phase 1
51. Eisenberg Plaza Revitalization Master Plan
52. Mayo 1st Ave Tunnel
53. Suk Law Office
54. 1st St. Ramp, Skyway Interior Remodeling
55. Government Center Parking Lot Design
56. Center St. and 11th Ave. Intersection Improvements; Boys and Girls Club/CCRR





## LINK RAPID TRANSIT LAND ACQUISITION

ROCHESTER, MN | CITY OF ROCHESTER



The Link Rapid Transit is a 2.8 mile bus rapid transit (BRT) route along 2nd Street SW. The BRT route will connect downtown Rochester, the Mayo Civic Center, Cascade Lake, Mayo Clinic campuses and the Rochester-Olmsted Government Center, and be the first BRT route in Minnesota outside the Twin Cities. The project includes seven stations and 12 platforms that runs along the corridor impacting over 40 parcels. SEH was selected to complete the land acquisition services needed for the project. These services include title search, field title reports, appraisals, direct purchase activities, relocation assistance and preparing offer packets and all documents needed for the property transfer of acquired areas. SEH was also responsible for preparing a Real Estate Acquisition and Management Plan (RAMP) that is a subplan to the Project Management Plan (PMP) for FTA review.

**Relationships made with business and property owners during the land acquisition process will be carried over to the construction phase of the project.**



### COST CONTROL

Project construction cost: \$143 million (*approx.*)  
Initial consultant fee: \$466,000  
Final consultant fee: \$466,000 (*expected*)



### SCHEDULE ADHERENCE

Estimated completion date: October 2024  
Actual completion date: In progress

## MARQUETTE AND 2ND AVENUES TRANSITWAY

MINNEAPOLIS, MN | CITY OF MINNEAPOLIS



SEVEN WONDERS OF ENGINEERING AWARD

MN SOCIETY OF PROFESSIONAL ENGINEERS

As part of the City of Minneapolis' new transit-first transportation policy, 12 blocks of both Marquette and 2nd Avenues in downtown Minneapolis were redesigned with double, dedicated bus lanes that tripled bus capacity. The project was also designed to reduce stormwater run-off and protect the Mississippi River as well as increase the growth of healthy trees.

Other design features include wider sidewalks, updated ADA-compliant crosswalks with curb ramps, markings, count-down signals and upgraded lighting and pervious pavement and Silva cells for stormwater drainage and retention. Detailed traffic control plans and performance specifications to manage vehicle and transit traffic, including dynamic messaging signs, were developed and executed throughout construction. The team hosted public forums throughout design and construction to solicit input from property and business owners, provided construction update emails and implemented customized solutions for parking restrictions and vehicle and pedestrian access changes. Federal Transit Administration funds were used for this design-build project. The project conforms with City of Minneapolis and MnDOT State Aid Standards.

**Project included new transit shelters along with 12 blocks of street re-design that incorporated dedicated bus lanes throughout the corridor.**



### COST CONTROL

Project construction cost: \$132 million  
Initial consultant fee: \$1.7 million  
Final consultant fee: \$1.7 million



### SCHEDULE ADHERENCE

Estimated completion date: October 2009  
Actual completion date: October 2009

## RED WING BRIDGE CONSTRUCTION

RED WING, MN | MNDOT DISTRICT 6



This \$66 million project involved replacing the existing Highway 63/Eisenhower Bridge connecting Red Wing, MN and Trenton, WI. The project was a cooperative effort between MnDOT, WisDOT, and the city of Red Wing. The project involved the replacement of the main river crossing bridge with a new seven-span concrete and steel tub structure along with two other approach bridges. The new bridge was built adjacent to the existing steel girder bridge and improved connections to Highway 61 and Highway 58 in Minnesota with better access in and out of Red Wing's historic downtown district while also improving pedestrian and bicyclist crossings. The project construction services was a coordinated team effort with MnDOT and SEH, where SEH also had six sub consultant firms. SEH was responsible for overall team management, project oversight, construction layout, field engineering computations, construction inspection, field tests, quality assurance/quality control, coordination with public and private stakeholders and completion of all documentation and construction administrative duties according to federal aid requirements.

**This project involved the management of a large consultant team with multiple staff working together for a successful project completion.**



### COST CONTROL

Project construction cost: \$66 million  
Initial consultant fee: \$5.2 million  
Final consultant fee: \$5.9 million  
*Increased cost due to extended schedule*



### SCHEDULE ADHERENCE

Estimated completion date: September 2020  
Actual completion date: March 2022  
*Extended schedule due to contractor delays*

## 1ST AVENUE NW UTILITY, PEDESTRIAN, AND SERVICE TUNNELS

ROCHESTER, MN | BOLDT/MAYO CLINIC



Downtown Rochester is well known for its pedestrian skyways and subways in the areas near the Mayo Clinic. This particular project was to construct a new tunnel on 1st Ave NW that serves the Eisenberg and Jacobson buildings. The project consisted of three new cast in-place tunnels that were constructed and integrated into new and existing buildings. The tunnels traveled beneath existing city streets as well as in close proximity to existing public and private utilities.

SEH performed city-owner inspections and special inspection observations for this project. Our team was also asked to perform pre-condition surveys, provide written and photographic documentation, and conduct observations of soils, foundations, concrete reinforcing steel, and concrete placement. Additionally, SEH performed all field concrete testing.

**Tunnel construction and architectural surfaces will be similar to the Rochester Link RT tunnel.**



### COST CONTROL

Project construction cost: \$16 million  
Initial consultant fee: \$126,900  
Final consultant fee: \$140,000  
*Additional fee was required to add compliance reporting not included in original scope of work.*



### SCHEDULE ADHERENCE

Estimated completion date: November 2022  
Actual completion date: November 2022



## 1ST STREET SW PLAZA

ROCHESTER, MN | CITY OF ROCHESTER



SEH assisted the City in developing a vision for a Rochester downtown area where the pedestrian would take priority. As a key element of Rochester's urban design, the original Peace Plaza and Annenberg Plaza were linked by the new Plaza, creating a major downtown destination. This area is occupied by the Kahler and Marriott Hotels with restaurants and shops that link into the skyway and subway systems, as well as the nearby Mayo Clinic Facilities. The project included a multitude of custom features including pre-cast architectural concrete, unique light towers, specialty effects lighting and audio and water fountain. It also included an extensive concept design process involving the City of Rochester, Downtown Business Alliance, Mayo Clinic, Emergency Services and others to collaborate and agree on a project design concept. SEH was the lead architectural design for this \$3.3 million project and was also responsible for the construction administration for the project.

**Designed to attract people all seasons of the year, providing a pedestrian friendly atmosphere with street level restaurants and cafes, access to shopping and a concert stage with seating.**



### COST CONTROL

Project construction cost: \$3.3 million  
Initial consultant fee: \$594,000  
Final consultant fee: \$560,000



### SCHEDULE ADHERENCE

Estimated completion date: November 2008  
Actual completion date: November 2008

## 2ND STREET TRANSITWAY AND BUS SHELTERS

ROCHESTER, MN | CITY OF ROCHESTER



SEH completed planning, design, and construction services for three phases of 2nd St SW from 1st Avenue to West of TH 52. Phase I focused on a 5-block downtown area near Mayo Clinic, involving close collaboration with City staff, transit officials, and stakeholders to create an inviting streetscape. Architectural services included designing and estimating five bus shelters reflecting downtown Rochester's unique character.

Phase II covered a 5-block segment along 2nd Street SW, working closely with City staff, business owners, residents, and the surrounding neighborhood to generate a welcoming streetscape serving as a gateway to downtown Rochester.

Phase III (Uptown) spans 2nd Street from 18th Avenue SW to 23rd Avenue SW. The complete street features seating areas, wider sidewalks, improved pedestrian crosswalks, enhanced bus stop nodes, bike lanes, street trees, and plantings. Engineering services for all phases encompassed roadway alignment, utility design, storm sewer modeling, traffic engineering, lighting design, structural engineering, construction staging, observation and administration, cost estimating, and bidding services to meet Federal Aid guidelines.

**Project included federal coordination and documentation associated with stimulus funds used for project construction.**



### COST CONTROL

*All phases combined:*  
Project construction cost: \$20 million  
Initial consultant fee: \$1.8 million  
Final consultant fee: \$1.8 million



### SCHEDULE ADHERENCE

Estimated completion date: 2008-2013  
(all phases)  
Actual completion date: 2008-2013  
(all phases)



## HENNEPIN AVENUE RECONSTRUCTION

MINNEAPOLIS, MN | CITY OF MINNEAPOLIS



SEH was selected by the City to provide construction oversight services for the reconstruction of Hennepin Avenue in downtown Minneapolis. This provided the opportunity for SEH to coordinate construction on a large, complex reconstruction project in the downtown core, addressing challenges such as utility coordination and stakeholder outreach.

### SERVICES

- Act as the City's agent during construction
- Overall coordination of the construction contract
- Develop staging plan for constrained, busy corridor
- Develop and implement communication plan and facilitate stakeholder communication
- Oversee the schedule and budget
- Coordinate advance utility work
- Provide daily field observation on the project site

**This 10-block project has approximately 8,000 transit users that are served on this corridor, similar to the transit users along 2nd Street.**



### COST CONTROL

Project construction cost: \$35 million  
Initial consultant fee: \$2.4 million  
Final consultant fee: \$2.4 million



### SCHEDULE ADHERENCE

Estimated completion date: November 2022  
Actual completion date: November 2022

## 48TH STREET AND COMMERCIAL DRIVE INTERSECTION IMPROVEMENTS AND ROUNDABOUT

ROCHESTER, MN | CITY OF ROCHESTER



The intersection reconstruction project improves safety, provides improvements in delay for vehicles traveling through the intersection, and provides traffic calming benefits. Funding for the project was provided through Municipal State Aid and Local funds. The project also included the construction of a concrete pavement single-lane roundabout and storm sewer improvements. Pedestrian access and a shared use trail were reconstructed within the intersection according to ADA standards. Additionally, a new lighting system was constructed to improve visibility and safety.

SEH provided full-time construction observation services and performed concrete field testing.

**Being the most recent example of the SEH and the City of Rochester's partnership in the completion of a successful construction administration project, many of our key personnel will remain the same for the Link RT project.**



### COST CONTROL

Project construction cost: \$2.7 million  
Initial consultant fee: \$138,000  
Final consultant fee: \$138,000 (*anticipated*)



### SCHEDULE ADHERENCE

Estimated completion date: November 2023  
Actual completion date: November 2023

## REFERENCES

As a 100% employee-owned company, the foundation of SEH's success is grounded in the satisfaction of our client partners. This page provides a number of recent and relevant project references. We encourage you to contact each reference to verify the commitment we make to each client partner and, ultimately, to further explore how the proposed SEH team may best serve on your behalf.



### CITY OF ROCHESTER

#### Kyle Mittlieder

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### MINNESOTA DEPARTMENT OF TRANSPORTATION DISTRICT 6

#### Mark Anderson

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2900 48th Street NW  
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### RAMSEY COUNTY

#### Nicklaus Fischer PE

Project Manager  
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Arden Hills, MN 55112

"The staff was well qualified for the tasks. The project team adapted to the changes in work. The quality of their work was excellent."

Mark Anderson

SEH Team Performance Evaluation for Red Wing Bridge Project – **19.67 out of 20**

"SEH has an extremely talented team, and one thing that especially stands out, is their high level of professionalism and quality of work."

Kyle Mittlieder, City Owner Construction Project Coordinator

"I've had the privilege to work with the SEH team over the last four years on the reconstruction of the Nicollet Mall in downtown Minneapolis. This was an enormous public-private project that took precise planning and coordination to get completed both on time and under budget. The SEH team did an outstanding job managing all phases of the construction process, especially working through the incredible number of challenges and obstacles that were part of the project. SEH was the exact right fit for this project, and they lived up to their expectations. This project didn't come to a successful completion without SEH and their incredible team."

Dave Wright, Chair - Nicollet Mall Implementation Committee



# Project Understanding

## GENERAL

There are many good reasons why people come to downtown Rochester. Visitors are attending events at the Civic Center, locals are enjoying the parks and restaurants, and the Mayo Clinic has a constant flux of patients, visitors, students, and health care professionals. While being at these locations is important, getting there has become increasingly problematic. With almost 22,000 vehicles and 13,000 transit rides using this route every day, 2nd Street is the primary corridor connecting many downtown destinations. However, as the local population grows and more people are drawn to the area, something must be done to alleviate the pressure and congestion.

The City of Rochester, in partnership with DMC Economic Development Agency, Mayo Clinic, and the Federal Transportation Administration (FTA), have developed the Link Bus Rapid Transit (BRT). This project will transform 2.8 miles of 2nd St SW, 2nd St SE, 3rd Ave SE, and 6th St SE to accommodate a new fleet of easily accessible, electric buses. The Integrated Transit Studies determined that using a circulator bus route should be a high priority. It improves parking capacity, reduces environmental impacts, and provides fast, reliable, and convenient access to businesses and public spaces. This will be the first BRT in Minnesota, outside of the Twin Cities metro area.



**CLICK HERE**

to view our flyover understanding of the project

**The City of Rochester is seeking professional engineering services to provide Construction Management Services including Constructability/Peer Review, Utility Coordination, Project Controls, Program Implementation and Support, Pre-Construction Phase Activities, Construction Phase Activities, Quality Control and Materials Testing, Surveying, and Closeout Activities for at least four separate packages to be constructed between the fall of 2024 and the fall of 2026. The current packages are:**

- **The West Transit Village Construction Development**
- **Civil Construction**
- **Architectural**
- **Maintenance Bay**

Other packages related to Link BRT that are not yet included are the Mayo Parking Ramp and Signage Manufacturing.

## WEST TRANSIT VILLAGE

There is a high rate of new or infrequent travelers that are trying to make it to their appointments and meetings on time. Trying to find an open parking space in a crowded downtown only adds stress to the situation. The West Transit Village solves this problem by providing an abundance of easily accessible parking connected directly to the free BRT to various destinations.

The West Transit Village will be the future location where an existing parking lot will be transformed into plan set "Volume A" of the Link Rapid Transit project. The West Transit Village will be located at the west end of the project on 2nd Street from Avalon Cove Circle NW to Grandville Blvd SW. The Mayo Clinic West Parking Lot will be converted into a 1,400 ft. loop road with on-street parking, two bus-charging stations, and the first eastbound BRT station.

The West Transit Village construction bid package includes grading, bituminous paving, concrete curb and sidewalks, watermain, sanitary sewer, storm sewer, striping, and electrical work for the charging stations, bus station, and street



lighting. The new loop will transform the existing bituminous parking lot into an 8 in. concrete pavement section. The loop will connect to 2nd Street at each end with 20 ft. -30 ft. curb radius' and new pedestrian curb ramps and crosswalks. The loop will also include the construction of a BRT platform, driver facility, and bus sawtooth parking with electric charging stations. A new signal system will be installed at the east 2nd Street intersection connection which will be interconnected to the nearby signal system for fire station. New conduit with fiber optic cable will be installed to meet the current and future technology needs. The future development plan for the West Transit Village will include a Transit Plaza, a parking ramp connected at the south end, office spaces, retail spaces, residential use, and open areas.

**Not only will the West Transit Village anchor the west end of the circulator route to downtown, but it will also be a destination station, providing easy access to the Cascade Lake Trail System.**

## CIVIL CONSTRUCTION

"Volume B" of the Link Rapid Transit project referred to as the Civil Package will be located along the 2nd Street corridor in both the eastbound and westbound lanes. The civil construction package will focus on roadway and utility improvements along 2.8 miles of 2nd St SW, 2nd St SE, 3rd Ave SE, and 6 ½ St SE to accommodate the new bus stations.

The package includes grading, concrete paving, bituminous paving, concrete curb and sidewalks, watermain, sanitary sewer, storm sewer, striping, signal systems, and lighting. This work will be performed in 3 phases (1, 2A, 2B) during the 2025 and 2026 construction seasons.



### PHASE 1

- West Transit Village Station
- 23rd Ave median

### PHASE 2A

- Stage 1 finishes
- WB 2nd St reconstruction from 18th to 11th Ave
- WB half of pedestrian tunnel
- Saint Mary's BRT platform and bus stop westbound
- 19th EB stations
- 6th St station

### PHASE 2B

- EB 2nd St reconstruction from 18th to 11th Ave
- EB half of pedestrian tunnel
- Saint Mary's BRT platform and bus stop EB
- 14th Ave
- 7th Ave bus stop WB and EB
- 6th Ave BRT platform EB and WB
- Civic Center intersection (2nd St)
- 2nd Ave BRT platform WB and EB
- 1st Ave bus stop WB and EB
- Civic Center intersection
- 3rd Ave sidewalk and bus stop

The roadway will be modified along the corridor to accommodate six new bus stations and improve traffic flow.

A majority of the sidewalks will be reconstructed to provide safe, ADA-compliant access to the stations, skyways, subways, and businesses. Some sections will have shared walkways, while others will have demarcation separating the walkway from the bikeway. However, one of the more notable changes in this package occurs on 6th St, west of 3rd Ave SE. The 700 ft. dead end road that is currently surrounded by parking lots and storage facilities will be transformed into the east hub of the circulator route, closely coordinated with the upcoming 6th Street extension and new bridge project under design.

The east hub will consist of a new single 20 ft. lane 7 in. concrete pavement roundabout.

The most significant changes in this package occurs between 2nd Street from 14th Avenue and 11th Avenue SW. This section of the corridor will be a full street reconstruct with new utilities coordinated with the construction of the Saint Mary's Transit subway installation. A new 8 in. concrete pavement

section will be placed with adjacent 5 in. walk and permeable pavers. Work within this section will take place under a road closed phasing with a detours route proposed to complete this work.

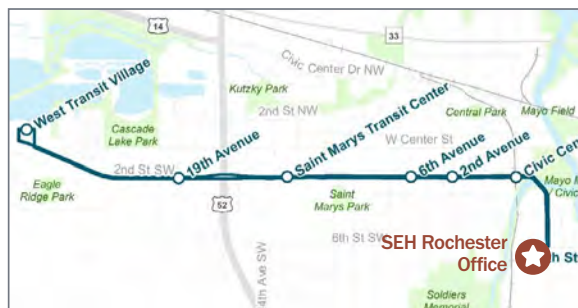
New signal systems will be installed at the intersections of 2nd St and 16th, 14th Ave, Saint Mary's, Civic Center Dr, and 6th St. Signal modifications will occur at intersections of 2nd St and 23rd Ave, 19th Ave, West and East Frontage Rds, 11th Ave, 6th Ave, 1st Ave, and 4th St.

The work associated with the civil package construction will need to be coordinated with the adjacent architectural construction package.

**Improved pedestrian facilities and a bus turnaround circle at the 6th St station will give this area a fresh, new look for this vital part of the route.**

## ARCHITECTURAL

"Volume C" of the Link Rapid Transit project referred to as the Architecture Package will be located along the 2nd Street corridor in both the eastbound and westbound lanes. Ten bus stations will be built at five key locations along 2nd St SE and 2nd St SW. In addition to the West Transit Village station, there will be both eastbound and westbound stations at 19th Ave, St Marys, 6th Ave, 2nd Ave, and Civic Center Dr. A final station on 6th St SE, west of 3rd Ave SE will be the east end of the circulator route. Key features of the bus stations include a full-length canopy roof, real-time schedule information, benches, leaning rails, heated enclosures, and concrete platforms that match the bus elevation for easily accessible boarding.



Each concrete platform is intended to have a snowmelt heating system with pavement mounted sensors which are activated when snowfall occurs. This feature will improve safety and reduces the need for maintenance personnel and helps keep the platforms and ramps clear. Additionally, each station marker will have station-specific art to highlight the work of local artists.

The St. Mary's Transit Center will be located between 12th Ave SW and 13th Ave SW. The westbound station consists of a 50 ft. BRT shelter and a 90 ft. by 50 ft. canopy that covers a plaza area and an enclosure with stairs and an elevator down to the new subway crossing. The new subway tunnel will connect the westbound station to the

eastbound station. The subway tunnel will be ADA accessible, have an inside commuter dimension of approximately 12 ft. wide 8 ft.3 in. tall along with a 6 ft. wide maintenance passage. The subway tunnel will be approximately 15 ft. deep, from the sidewalk elevation to the subway floor. The eastbound station has a 90 ft. shelter and a 70 ft. by 24 ft. structure for access to and from the subway level.

**The Architectural Package will bring new life to the corridor with modern bus station designs and better access to the subway and skyway systems.**

The 2nd Avenue eastbound station has a 60 ft. canopied waiting area and a 28 ft. by 16 ft. structure that includes stairs and an elevator down to the subway level. The new structure will connect to the existing north-south subway system providing a convenient way to access medical centers, hotels, and businesses.

**The work associated with the architectural package construction will need to be coordinated with the adjacent civil construction package.**



Rendering of Saint Mary's Transit Center North/South Tunnel.

## MAINTENANCE BAY

Construction bid package "Volume D" Maintenance Bay of the Link BRT project will be a valuable addition to the Rochester Public Works Facility. Located at 4300 East River Road NE, just 3.5 miles north of the BRT circulator route, this 4,000 sq.ft. addition will provide a space dedicated to maintaining the new fleet of electric buses. The new addition will include dedicated spaces for tire storage, battery maintenance, tools, spare parts storage, and a fluid/coolant room. This project includes precast wall sections, steel roof joist, concrete slab on grade, doors, windows, mechanical, and electrical. Extending the existing hydronic in-floor radiant heat into the new space will ensure workers can perform their tasks comfortably.

**Having the tools and equipment available to keep everything moving smoothly is an important factor for operating a successful BRT program.**

## BUSINESS FORWARD AND ENGAGEMENT

We understand that through Business Forward, the DMC and City of Rochester have established a significant outreach plan to keep the public involved for the overall DMC construction. Construction will have an impact of residents, employees, and visitors to the area. SEH is experienced and prepared to address community engagement or coordinate with the Business Forward engagement team. Engagement connects communities, creates equity, generates ideas, and builds relationships. But first, one must listen. **Listen, engage, educate, and excite.** Our team of technical experts, as well as engagement and creative specialists collaborate on a daily basis to develop and execute approaches that bring people together, create understanding, establish and nurture relationships, and incite buy-in.

Every project is unique, and yet they all share similar needs: planning, stakeholder identification, inclusivity, content creation and writing, identifying the necessary tools, adhering to precise standards, execution, and qualified advisors capable of evaluating efforts to maintain accountability.

Projects come to life when the community emerges to share their voices. For this and many other reasons, we place tremendous value on quality community engagement, and understand that proactive engagement and outreach set the stage for successful projects. We also recognize there is no single technique that works for all situations; no single method can cement the understanding and support a plan needs to succeed.



As a result, we use the following methodologies to guide us in designing the public involvement process:

- **Engagement Approaches:** Workshops, charrettes, interviews, open houses, newsletters and surveys.
- **Informed participation:** Plans, perspective sketches, video, photographs, photo-simulations, 3D illustrations, 3D MODELS and renderings, and infographics.
- Alternatives for engagement that achieve compromise when necessary and build collective support.
- Demonstrate we heard, understood and value the ideas, concerns and goals of all people.
- **Carefully and accurately** document key decisions and stakeholder influences.

**Our understanding of the challenges and opportunities for this project can be found on the following page.**



CHALLENGES AND OPPORTUNITIES | ROCHESTER LINK RAPID TRANSIT PROJECT



**A CHALLENGE:** ADA compliance.  
**OPPORTUNITY:** Dedicated MnDOT ADA certified staff who conduct pre-pour inspections and post-pour ADA compliance checklists.



**B CHALLENGE:** Critical EMS coordination with nearby traffic impacts.  
**OPPORTUNITY:** Look-ahead schedule review to coordinate construction activities with EMS ahead of time.



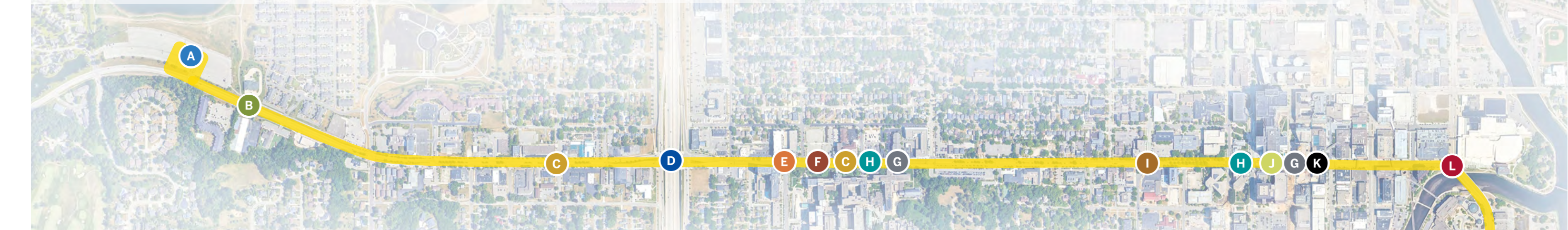
**C CHALLENGE:** Business access.  
**OPPORTUNITY:** Business Access Manager will understand the needs of the business and project to effectively mitigate impacts.



**D CHALLENGE:** Vehicle movements.  
**OPPORTUNITY:** Sequence intermediate staging opportunities to avoid constraints.



**E CHALLENGE:** Critical ER access with detour routes.  
**OPPORTUNITY:** Pre-activity meetings to coordinate, review, and plan prior to closures or construction impacts.



**CHALLENGE:** Managing risk prevention, cost control, schedule delays, regulation compliance, and change management for numerous simultaneous bid packages.  
**OPPORTUNITY:** The SEH team is experienced and dedicated to specific roles and scopes of work capable of handling workload with contingencies in place during peak periods.



**F CHALLENGE:** Tunnel installation.  
**OPPORTUNITY:** Pre-condition surveys, vibration monitoring, and constructibility and peer reviews of narrow deep foundations between structures.



**J CHALLENGE:** Subway connection.  
**OPPORTUNITY:** Pre-condition surveys, vibration monitoring, and thorough constructibility and peer reviews.



**G CHALLENGE:** Overlapping work zones of bid packages.  
**OPPORTUNITY:** Thorough contract language and scope of work detailing coordination between two potential contractors.



**K CHALLENGE:** Adjacent projects.  
**OPPORTUNITY:** Collaboration and coordination with Mayo Clinic, City, and Contractors to discuss adjacent and overlapping activities.



**H CHALLENGE:** Maintain pedestrian access during closure.  
**OPPORTUNITY:** Ensure traffic control plans include accommodating pedestrians in work zones.



**L CHALLENGE:** Signal system modifications throughout route.  
**OPPORTUNITY:** MnDOT Signals & Lighting certified staff who understand designs, modifications, and construction.



**I CHALLENGE:** Underground utilities.  
**OPPORTUNITY:** Construction professionals identify and coordinate utility conflicts during weekly meetings prior to exposing.



**M CHALLENGE:** Hazardous materials.  
**OPPORTUNITY:** Experienced and qualified team prepared to implement procedures according to Response Action Plan.





# Project Approach

## SEH GENERAL APPROACH TO CONSTRUCTION SERVICES

Engaging the right expertise to manage your construction investment is essential to ensuring your project is executed, documented, and built according to local, state, and federal requirements. SEH understands that, in nearly every project, the highest level of cost per day is incurred during the construction phase. This means the progress of each day's activities is critical. **Deploying a construction team with appropriate experience is crucial to make sure the project is executed as planned.** The right team will also make certain that the project meets approved plans and specifications and more importantly, your expectations. Through our proven approaches, SEH has built a strong reputation in construction services by providing quality deliverables and successfully demonstrating our ability to manage the project delivery process on behalf of our clients.

SEH has formed a dedicated team of construction service professionals who will be available and committed to delivering a successfully constructed project. Our team's focus and role in the execution of this project will be to provide program implementation, pre-bid preparations, bid documents and review, complete contract administration, construction observation, documentation, utility coordination, surveying business access management, and overall project

management for all construction bid packages. We will serve as a partner to City of Rochester while completing our work on this project and will always have the best interest of the city in mind.

Utilizing our strategic approach, SEH will be responsible for managing the overall team and providing technical expertise relative to construction contract documents and stakeholder involvement. We will coordinate construction progress with residents and businesses to minimize impact to their daily activities.

The SEH Construction Management (CM) team will be led by Construction Manager **Jeremy Hofmeister**. As a Rochester native, Jeremy is the opportune fit for this role from his extensive experience working in Rochester, managing large multi-faceted federal projects, and leading staff with a team approach focusing on the best interest of the client. Jeremy has a passion for ensuring quality construction, quality deliverables, and quality communication. Jeremy will be supported by a highly qualified team to perform individual scope tasks. Meanwhile, he will be committed to overseeing their efforts to ensure all scope of services are properly designated within our team. Jeremy knows how to motivate and maintain focus of team members.

At SEH, we provide dedicated construction administration, observation and material sampling/testing services via traditional design-bid-build or hybrid approaches – whichever approach best meets your needs.

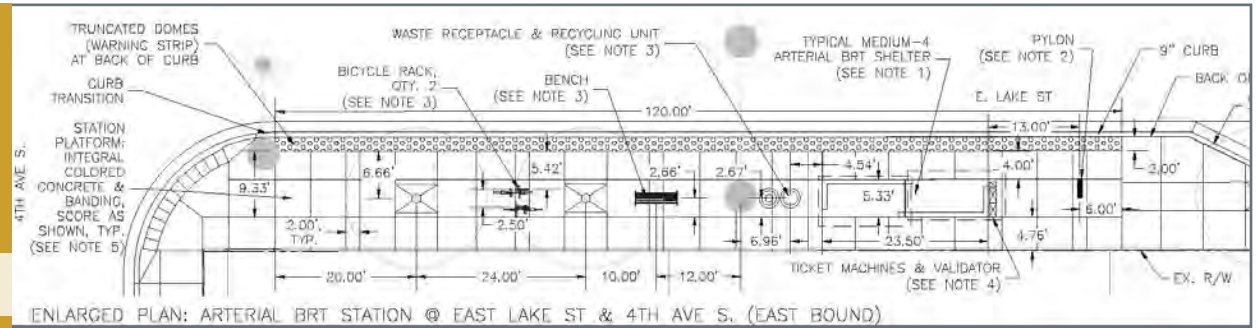
We oversee construction budgets, schedules, materials, and provide exemplary documentation, and design interface to ensure you receive the project you expect, when you expect it.

We are designating **Scott Samuelson** as our Principal in Charge and Team Manager who will lead the SEH teaming arrangements and be responsible for ensuring that all team members are properly prepared and are fully available and committed to serve on the project. Scott will closely monitor the budget for the project and provide frequent progress reports to City of Rochester regarding the status of our billings in relationship to the construction schedule. Scott will also serve as our Quality Manager along with **Justin Bossert** from PE Services. In that role, they will prepare an internal Quality Management Plan (QMP) for the project and verify that team members are performing in accordance with our established quality processes and procedures. The QMP developed specifically for this project will succinctly describe the quality processes and procedures that will be implemented in providing construction inspection and survey services. The QMP has been tailored to meet the needs of the projects. Together both Scott and Justin will implement the execution of the QMP based on SEH's corporate philosophy that quality is a top priority along with the following guiding principles:

- Quality is advocated across the entire project team, using a top to bottom approach.
- A focus on quality will lead to more thorough performances of quality procedures.

**SEH engaged with Metro Transit to incorporate their latest preferences for ABRT features and systems into the Lake Street Transit Stops and I-35W Transit Station Plaza.**

*BRT stop design for Lake Street at 4th Avenue South.*



- Quality is achieved by adequate planning, communicating, and thoroughly understanding job requirements and procedures.
- The Quality Management process will be strictly followed at every phase of the project to ensure success.
- All members of the project team will be trained and will have the appropriate skills and experience.
- Quality is verified through checking, reviewing, and monitoring work activities and deliverables.
- Quality Management is an evolving process that responds to challenges and utilizes lessons learned for continual improvement; and
- Quality does not just happen but is achieved through focus, commitment, and the desire of all team members.



We believe our thorough understanding of the project details, the dedicated staff we have committed to the project, and our office location makes SEH the best choice for providing these services. We also believe that quality control on a project is significantly improved when all team members are actively communicating and sharing information. To that end, our field staff will prepare and organize field data on a daily/weekly basis for review by our construction project leaders. We are very familiar with the OneOffice software by RT Vision, we own multiple licenses of the software, and we have been using the software efficiently for quantity input, daily diary keeping and for generating partial payment requests for a number of years.

With that said, our primary goal for the project is to oversee the safe and successful construction of the Link BRT project. We will dedicate key staff to the project who have previously worked on City of Rochester and relevant BRT and FTA projects. They will use this experience to efficiently provide the needed construction engineering services. SEH will be fully vested in helping you achieve your goals for the project, and our team will work diligently to provide construction services that exceed your expectations.

## WORK PLAN

### CONSTRUCTABILITY / PEER REVIEW

The SEH team will perform the overarching Constructability/Peer Review aspects of this project as clearly outlined within the RFP's Scope of Services section. The constructability review component will be led by Jeremy through an SEH-developed checklist process designed to uncover issues from the perspective of construction professionals. The SEH team will split the design review components of the project between staff members to best align the type of design review needed with each designer's individual expertise in the area they will be reviewing. Those reviewers are:

- **Georgina Stanley-Woidyla** for design review, administration, and supervision
- **Ben Wolf** for structural review items
- **Josh Breid** for roadway and ADA review
- **Erin Jordan** for traffic
- **Jason Woodhouse** for architectural structures throughout the project

Georgina's past transit design experience and general familiarity with City of Rochester staff along with this project, makes her well-suited to administer required/requested review processes

and associated value engineering analysis. The entire SEH team has extensive experience in construction phasing, roadway design, drainage analysis, ADA compliance criteria, environmental documentation, technical specifications preparation, and construction means and methods that will be relied on to perform our assigned portion of this substantial task.

The SEH team will work closely with the City of Rochester and the FTA to review and comment on plans/specifications (per City and MnDOT standards) and participate in necessary coordination meetings relative to the variety of deliverables, design disciplines, and contract packages within this Link Rapid Transit improvement endeavor. As final design efforts occur, established reviews will be completed within two weeks of the design team providing deliverables and any supporting materials. Most importantly, we clearly understand that being readily available and responsive will be paramount as this project is delivered per the communicated, expedited schedule and evolving milestone dates.

To proactively ensure a comprehensive review approach and corresponding documentation, the team will develop a project specific QA/QC process that will be communicated to the City of Rochester for their approval and then fully presented to those involved with assigned tasks. Utilizing our expansive technical abilities and Bluebeam Revu software sessions, the team will conduct Quality Control examinations of all provided plans sheets and specification sections, leveraging Georgina's past transit design experience along with other staff's construction related expertise. Once the design team has accounted for or responded to specific comments, our team will then perform Quality Assurance activities, checking that each comment has been appropriately incorporated and/or properly addressed. Ultimately, QA/QC related files, correspondence, and recordkeeping will be logically

compiled and archived in a manner that meets the City's expectations.

We anticipate our design reviewers involvement during the design phase for reviews of the 90% and 100% plans and specifications. This team will work closely with the City's project manager and construction staff for any design review needs. Scott Samuelson will help coordinate these efforts and ensure our design reviewers are available for quick and responsive review. After concurrence is obtained from City of Rochester and the findings are submitted to the contractor, follow-up questions and meetings, as needed, will be conducted with the construction contractor and oversight staff to properly address any issues.

## VALUE ENGINEERING

Value engineering (VE) is a systematic approach to enhancing construction project value while reducing costs by using an examination of function. Overall, the scope of services for value engineering is focused on maximizing value for clients by optimizing the balance between cost, quality, functionality, and risk throughout the project lifecycle. It involves analyzing project components, brainstorming ideas, and finding alternatives to optimize performance. The approach focuses on achieving cost savings while still ensuring quality and integrity. Value engineering examines every aspect of the function-to-cost ratio, creating solutions for alternative construction methods, designs, new technology, or the use of different materials to improve value.

VE efforts are best implemented during the project design and cost estimating phases. To that end, our CM team proposes to provide these services concurrently with design peer review and cost estimating. However, during the bidding process there may be additional opportunities to consider further VE processes if actual bids for elements of

the project are out of alignment with project budget expectations. Our team understands that evolving market conditions and rapidly changing availability of materials warrant a flexible and responsive approach to VE.

Design phase VE is closely tied to construction cost estimating, so this effort will be led by our CM team's construction cost estimator **Doug Holmberg** with input from our peer review team members.

Our scope of services for VE typically includes the following:

- ① **Identification of Objectives:** Clearly defining the project objectives, goals, and requirements and understanding client needs and expectations is crucial for effective VE.
- ② **Analysis of Existing Design/Plan:** Reviewing the existing design, plans, specifications, and other project documents identify areas where value can be enhanced without compromising quality, functionality, or safety.
- ③ **Function Analysis:** Analyzing the functions that the project or its components are intended to fulfill involves understanding the essential purposes of each element and determining whether alternative designs or materials could better serve those functions.
- ④ **Cost Analysis:** Evaluating the costs associated with different design alternatives, materials, construction methods, and technologies including comparison of initial costs, life-cycle costs, maintenance costs, and operational costs.
- ⑤ **Risk Assessment:** Identifying potential risks and uncertainties associated with different design options and assessing their potential impact on project objectives, schedule, budget, and performance.



- ⑥ **Brainstorming and Idea Generation:** Facilitating brainstorming sessions and workshops with project stakeholders to generate creative ideas, innovative solutions, and alternative approaches for achieving project objectives more efficiently and cost effectively.
- ⑦ **Evaluation of Alternatives:** Evaluating the feasibility, benefits, drawbacks, and trade-offs of different VE proposals against established criteria, such as cost, performance, quality, schedule, and sustainability.
- ⑧ **Recommendations and Reporting:** Developing comprehensive reports, presentations, and recommendations that document the findings of the VE study, including proposed changes, cost savings opportunities, risk mitigation strategies, and implementation plans.
- ⑨ **Collaboration and Communication:** Fostering collaboration, communication, and coordination among project team members, including architects, engineers, designers, contractors, suppliers, and clients, to ensure alignment and consensus on VE initiatives.
- ⑩ **Implementation Support:** Providing ongoing support, guidance, and oversight during the implementation phase to ensure that VE recommendations are effectively incorporated into the project and deliver the intended benefits.
- ⑪ **Monitoring and Evaluation:** Monitoring the performance of VE solutions over time and conducting periodic evaluations to assess their effectiveness, identify lessons learned, and identify opportunities for further improvement.

## UTILITY COORDINATION

Our team is highly experienced in utility construction and permitting for construction projects. **Nathan McLaughlin** will lead our team's utility coordination efforts, engaging his extensive design and construction experience within the Rochester downtown areas. Nate will become involved early in the pre-construction phase during the transition occurring from the design team to the CM team. He will work closely with design staff during the later phases of design by participating in all utility meetings to ensure a seamless transition prior to bidding. Our CM team will then become responsible for utility coordination from pre-bid into the construction phases. We will coordinate and troubleshoot utility conflicts by engaging with the utility subcontractors and prime contractor staff daily to maintain direct knowledge of the construction operations and help ensure that any issues that arise are quickly and fully resolved.

The most important task for this coordination is to locate the potential conflicts and the appropriate utility organization contact. The CM team will review the list of utility contacts provided by the design team or City staff. Preservation of existing areaways is a key to success and we understand that preserving and determining abandoned or those needing repair is significantly important. Our team will observe and document areaways we encounter as well as other private construction work. Existing buildings or new development will also need to be coordinated and managed as closely as possible.



### CONSTRUCTABILITY/PEER REVIEW DELIVERABLES

- Constructability Review checklist identifying issues
- Detailed VE assessment including design review, cost analysis, and risk
- Organized electronic portfolio of utility agreements and correspondence



## PROJECT CONTROLS

### SCHEDULE REVIEW

A properly followed schedule is paramount to timely, cost effective, and successful delivery. Whether a design or construction project, the SEH team believes this to be imperative and will apply this focus to the Rochester Link Rapid Transit project. Our team will work closely with the design team in coordination with some of these same tasks and will provide preliminary schedules and budgets regarding construction and implementation for each of the 4-5 bid packages. Initial baseline schedules will be reviewed according to scope of work and become incorporated into the Project Management Plan (PMP) submitted to FTA. Our team will conduct periodic and consistent reviews of the contractor's construction CPM schedule along with review of pay estimates and monthly schedule updates that are submitted by the contractor.

**Curt Sohn** will oversee the entire scheduling element accompanied by **Ross Jentink** and **Doug Holmberg**. They will both apply their years of experience in CPM scheduling and in the construction industry to confirm if the critical path of construction activities is progressing as planned, milestones are met, and note any outstanding issues affecting the schedule. Curt and our team will review staging and phasing throughout each of the projects and will provide review comments and input on schedule recovery plans to the City's construction management team so that progress or issues can be addressed in a timely fashion. This will provide the most effective means possible until schedule recovery has been achieved. If the contractor proposes a change to the staging and phasing to accommodate their means and methods, our schedule team will review the proposed changes for accuracy, impacts, and risk.

## INDEPENDENT COST ESTIMATES

SEH will provide a dedicated independent cost estimator for the team. **Doug Holmberg** is one of a very few Registered Professional Construction Cost Estimators with the American Society of Professional Estimators (ASPE) in MN. He knows how quickly financial issues can arise and spiral a project downward without controlling the cost and understands the importance of preventing that from happening. Independent cost estimation services are a minor investment during the design phase to help avoid costly re-design and construction start delays given the magnitude of this critical multi-million dollar project.

In addition to design phase cost estimation, our CM team's cost estimator will remain involved during the construction process. Doug will review all RFIs with associated costs, review change orders, and assist with the Change Management process and any potential claims. Construction claims by the

construction contractor for perceived change conditions or design issues will inevitably occur on a project such as this. However, our qualified field inspection team will be invaluable in responding to the acceptance or denial of any such claims through their completion of thorough and properly documented and detailed daily inspection notes, work performed and completion notes, and conformation of materials used. Our CM team will immediately and carefully review any construction or post-construction claims and will work closely with the City to determine the validity and reasonableness to quickly resolve the claim. If the claim is deemed to be valid, our team will expedite preparation of a change order or work change directive for submission and approval by City to minimize cost impacts and schedule delays.

## CHANGE MANAGEMENT

Construction Change Management refers to the structured process of managing and implementing changes within a construction project. SEH's approach involves the systematic approach to handling changes in project scope, design, specifications, schedule, or any other aspect that may arise during construction.

In the construction industry, change is inevitable due to various factors, such as evolving client requirements, design modifications, unforeseen site conditions, regulatory changes, and unexpected events. Change management helps project stakeholders effectively deal with these changes and ensures they are implemented smoothly while minimizing disruptions and maintaining project goals.

Effective change management is crucial for achieving project success and improving various aspects of construction projects, including cost control, schedule adherence, and client satisfaction.



## COLLABORATION | COMMUNICATION | COORDINATION

Reasons for effective change management process are as follows:

- Improved cost control
- Schedule adherence
- Enhanced client satisfaction
- Minimized rework and conflicts
- Increased project transparency and accountability

Steps to manage change in construction:

- Identify potential changes
- Evaluate the situation
- Approval process
- Develop a plan
- Maintain communication with the team
- Implement the change
- Review the situation frequently
- Conduct a final review

## DOCUMENT CONTROL

Document control will be a pivotal element for a single team to manage documentation for multiple individual projects. Quality records provide evidence of conformity to requirements and of the effective operation of the Quality Management System. The SEH team will establish a Document Control System (DCS) to store and record all internal documents generated under the 4-5 contracts. OneOffice software will be used to setup individual projects for daily diaries, quantities, pay estimates, photo media, and materials certification records.

The SEH team's Construction Manager will collaborate closely with **Elia Ayaz** to provide the documentation of the activities required to provide evidence of the effective operation of the Quality Management System. Each oversight staff person will control the quality records for his/her individual area of responsibility and the pertinent quality records will be stored and maintained in the SEH team's files, all being legible, dated, and identifiable to the project person or event to which they pertain. Jeremy along with the Quality Management team will review the quality records through routine audits and report findings.



### PROJECT CONTROL DELIVERABLES

- Preliminary schedule and budgets
- PMP submitted to FTA including a baseline schedule
- Monthly master schedule updates
- Monthly status reports outlining progress, cost, schedule, QA/QC status, and issue resolution

## PROGRAM IMPLEMENTATION AND SUPPORT

We have dedicated key staff member, **Curt Sohn**, to assist the Construction Manager with tasks associated with Project Controls and Implementation. He will be responsible for assisting in the development of all the required PMPs, Risk Management Plan, updates to each of the plans, and monthly FTA reporting. The PMP plans we will prepare include a Constructability and Value Engineering Plan, Risk and Contingency Management Plan, Safety and Security Management Plan, Threat and Vulnerability Analysis, Preliminary Hazard Analysis, Hazard Materials Report, Construction Safety and Security Plan, Quality Management Plan, and Response Action Plan.

## RISK MANAGEMENT

Within the Risk Management Plan, the CM team will prepare a project specific quality checklist that outlines the schedule for review, time to review, format desired, and the quality processes and procedures that will be implemented to provide quality project documents to assure that the procedures comply with FTA guidelines. The checklist will clearly define roles and responsibilities for each member of the CM team as it relates to the quality process. Prior to submittal, all documents will be 'detail checked,' as well as fulfilling the intent of the document.

For the construction phase, quality checks for items such as the construction daily diary documentation, quantity measurements and calculations and payment applications will be performed. The CM team will coordinate schedule times and review time requirements with the design team to provide timely review and feedback. The CM team believes it important to identify design and construction risks that can have an impact on the project. We propose an early risk assessment workshop with the project team early in the CM scope of work, so that we can brainstorm, prioritize, and deliberately identify and formally recognize key requirements, design, construction, and market risks that could have an impact on costs and/or schedule. A risk matrix will be developed from the risk assessment workshop.

**Knowledge of potential risk events will allow the project team to be better informed of the consequences of the potential risks and develop mitigation and/or avoidance strategies during design and construction.**

The risk assessment information is also expected to help inform alternate designs or bid alternates as the project progresses.

## CONSTRUCTION BUSINESS ACCESS MANAGER

The SEH CM team understands the importance of supporting local businesses. As the Business Access Manager (BAM), **Kenneth Bush** will communicate with the business owners and the contractors to ensure patrons have safe, clearly marked access to business throughout construction. Kenneth will be accompanied by **Tina McLaughlin** to assist in the Business Access Manager role. Tina is currently heavily involved in engaging with many of the business owners through the current ROW acquisitions taking place.

Many construction projects require the contractor to provide access, but compliant routes may be inconvenient and confusing. Using the Business Forward approach, the owners, contractors, and BAM collaborate early and often to develop and implement mutually successful staging plans. Kenneth and Tina will continue to build upon the relationships developed during the Right of Way portion of the project, so they know they are valuable partners. They will discuss needs, review options, and clarify construction impacts. Another key to success is working with the multiple contractors to make sure each micro-stage provides a safe work environment while maintaining access for businesses, emergency vehicles, delivery services, and property owners. The CM team's BAM will work alongside the contractor's Access Manager to collaborate during the development stages of the traffic plans and to verify compliance during the implementation phase.

## PUBLIC ENGAGEMENT

For roadway construction, we will utilize a combination of processes to facilitate timely and accurate information to all project stakeholders. We have partnered with **Eden Resources** who will



provide **Natasha Brown** as a public engagement professional should the city seek a high level public engagement to assist the city with public engagement. Natasha will communicate directly with individual property owners regarding any activities that directly impact their properties. In addition, we will hold a weekly meeting, open to all stakeholders, to provide current information on the progress to-date and the schedule for the upcoming week. This information will also be provided by email to all stakeholders.

As an example, during our Nicollet Mall project in Minneapolis, the CM team employed a number of communication tools designed to keep construction on track and stakeholders informed. Some of the best practices used included:

1. Construction business cards with the PM contact information with a construction “hotline” number and email address. The messages were monitored and responded to daily
2. Weekly updates prepared and emailed to stakeholders who opted in for the information on the City’s website
3. Weekly updates posted to the City’s website
4. Weekly meetings with stakeholders
5. Daily individual/property owner meetings regarding specific concerns or to coordinate construction
6. Daily communication with design team to review design intent, RFIs, and conflict resolution
7. Weekly meetings with City leadership to review the project schedule, budget, and resolution of problems/issues



### PROGRAM IMPLEMENTATION AND SUPPORT DELIVERABLES

- Buy America reporting
- FTA PMPs
- Meeting documentation
- Presentation details
- Correspondence documentation
- Business Forward Access Management initiatives and public engagement

## PRE-BID, BIDDING, AND PRE-CONSTRUCTION PHASE ACTIVITIES

### PRE-BID AND BIDDING

Our SEH CM team will assist the City of Rochester with reviewing and developing pre-bid contract documents for bidding purposes for the 4-5 construction bid packages. A peer review of the general conditions and individual project conditions and specifications will be coordinated with the design team and City staff. This phase will also include working with the design team to review addendums and agenda to ensure timely issuance to the City of Rochester procurement team. We will also be involved with reviewing bid tabulations,

assisting in developing a pre-bid meeting agenda, and attending pre-bid meetings. Following bid submissions, our team will review bids, project budget and scope, and submitted bid documents for compliance, and provide a recommendation of successful bids. We will then coordinate and conduct pre-construction meetings.

### PRE-CONSTRUCTION PHASE ACTIVITIES

Pre-condition surveys are an important part of reducing and eliminating risk associated with construction operations. Pre-construction condition surveys (Pre-CCS) document the existing conditions of a building prior to construction. This is useful for both the building owner and the contractor to establish a baseline condition to compare claims of damage related to construction.

Precondition assessment work will be performed by **Josh Tarbell**, with assistance from our CM team. Josh's extensive experience observing and evaluating existing building structures, including numerous historic and legacy buildings originally built under antiquated codes and construction standards, uniquely qualifies him to observe the wide range of existing structures along this corridor.



**The Pre-CCS completed by our team will generally consist of the following:**

- A video recording of the exterior and interior of the building(s) that includes some narration of observations or a Matterport 360 documentation when feasible. This may require entry into normally locked areas including tenant spaces.
- Photographs of the areas of concern mentioned in the video and notes on their approximate size and location.
- Videos and/or images saved to a USB drive or cloud-based sharing service and provided to you for future reference.
- Identification of specific building locations warranting greater attention to vibration monitoring (discussed in following section). The experienced engineer providing pre-condition assessment will identify locations in buildings and foundations exhibiting existing distress and building components consisting of structural elements more sensitive to vibration or movement.

Throughout the Pre-CCS process, we will look for exposed physical distresses in structural components. We will help identify areas for crack monitors to be placed as necessary prior to construction. Having performed numerous pre-CCS in the past, SEH has the experience to prepare a detailed document of buildings and structures within the defined 400 ft. radius of anticipated construction impacts where vibration producing activities will likely occur. Following construction, our team will perform a post construction condition survey and report the difference between the pre-construction survey and the post construction survey.

## VIBRATION MONITORING ASSESSMENT AND CONTROL PLAN

Through our visual observations completed for the structures, we will generate a general assessment of the observed conditions of the building and use this for development of a Vibration Assessment and Control Plan to be utilized by the construction team during construction. This assessment is limited to visual observations of the exposed areas of the structure, conversations with the building owner/manager about vibration concerns, and review of geologic conditions of the site. We will not conduct any destructive exploration to expose areas of structural framing. Our Vibration Assessment and Control Plan will include areas we feel may be at risk and comment on conditions that may be compromised further based on the observed conditions. **Kimberly Diebel** will review existing conditions and proposed work and will coordinate with our precondition assessments staff to identify an appropriate program for monitoring.

The Vibration Assessment and Control Plan will provide recommendations for monitoring for vibrations related to the construction activities as well as other considerations. The Vibration Assessment and Control Plan will also include discussion of the geological conditions and their effects on vibration, discussion of surrounding structures and their susceptibility to vibration, theoretical vibration predictions given equipment being used, and a vibration monitoring procedure to be followed throughout the demolition and earthwork process.

## CONSTRUCTION VIBRATION MONITORING

Construction vibrations at any level pose some risk of damage to adjacent structures. The intention of vibration monitoring is to provide notice and warning alerts to the construction team of potential increased risk factors associated with construction



Rendering of Saint Mary's Transit Center.

vibrations. The process of vibration monitoring alone cannot prevent damage to the adjacent structures in its entirety.

Generally, within one week prior to the start of the construction process, vibration monitors (seismographs) are placed at predetermined locations in and/or around the construction site. These seismographs are enabled with cellular modems to remotely transmit data and provide real-time vibration alerts. In general, the seismographs will be placed near the exterior building face or foundation element. The seismographs will be placed perpendicular from the anticipated location of the work to minimize the distance from the work location to the seismograph.

The seismographs will be observed periodically and moved as necessary based on the construction activities. The locations of the seismographs will be determined at the start of construction and based on the phase of work that is taking place. It is our goal to place the seismographs in locations that will allow us to record vibration events generated by construction activities. If vibrations are observed above a pre-determined threshold, the contractor and other approved parties will be notified, and the vibration levels documented.



## PRE-BID, BIDDING, AND PRE-CONSTRUCTION DELIVERABLES

- Pre-bid review comments
- Pre-bid and pre-construction meeting minutes
- Pre-construction condition survey report
- Vibration monitoring report

## CONSTRUCTION ACTIVITIES

### CONSTRUCTION OBSERVATION

SEH has identified key personnel for each of the Project Representative roles. **Ted Johnson** will be a project representative focused on the civil and civil elements of West Transit Village Construction Packages. ADA compliance will be a critical element for the civil components on both of these construction packages, making this an ideal fit for Ted to utilize his extensive experience on civil projects and ADA compliance. **Brian McIntire** will be a project representative focused on the Architectural package while also supporting Ted with the civil package construction. Brian has a diverse background incorporating an array of civil, structural, special inspections, and environmental projects.

**Having recently completed the 1st Avenue tunnel, Brian is an ideal fit for this role.**

**Jesse Gamst** will be a project representative for the Maintenance Bay bid package. Jesse has experience working in Rochester on vertical construction. He is an ICC certified Special Inspector familiar with local building codes. Meanwhile, **Jason Woodhouse** will be on our team to provide architectural support for the Maintenance Bay as well as the architectural elements of the bus shelters and tunnel in the architectural bid package. Jason brings years of architectural experience throughout the Rochester area and will be able to assist our team with the architectural elements of this project.

Our team's Resident Project Representatives (RPRs) will provide full-time project observation during construction and coordinate all construction staking, surveying, and material sampling and testing services. They will attend and participate in all project meetings including the pre-construction conference, weekly coordination meetings, and project closeout meetings. Our RPRs will also engage with the contractor, subcontractor staff, and utility companies daily to maintain direct knowledge of the construction operations. This will ensure that the project is documented properly and any issues that arise are quickly and fully resolved.

The SEH team will photo-document the construction progress daily and maintain a file of all project photos. All test reports, certificates of compliance, and material certifications will be collected and reviewed prior to incorporation of materials into the work. We will coordinate all shop drawing reviews and maintain a log of shop drawing approvals. Our team will track, compute, and document quantities for all materials and work and prepare pay requests to be submitted to the City for review. OneOffice software will be utilized on the project to its fullest extent.

### SPECIAL INSPECTION AND TESTING SERVICES

Special Inspection and Testing of architectural structures will be required during construction to comply with the provisions of International Building Code (IBC) Chapter 17 to the satisfaction of the authority having jurisdiction (AHJ) for building structures.

Special Inspection and Testing work will be supervised by the Architectural Structures Representative **Jesse Gamst** and Vertical Project Representative, **Brian McIntire** to ensure that appropriate inspections are completed for structures requiring compliance with the IBC and Minnesota Building Code.

Special Inspections of building structural systems are required to confirm that construction of critical structural elements proceed in accordance with the construction documents and referenced material and construction standards. For the Link BRT project, Special Inspections will apply to the pedestrian tunnel below 2nd Street and covered access structures each side, bus shelters, and the new maintenance bay addition. Other miscellaneous structures within the project scope may be deemed by the AHJ to also require Special Inspection and Testing.

Special Inspection and Testing includes either continuous or periodic field observations during construction of structural elements and laboratory testing of construction materials. The requirements for continuous versus periodic inspection, the required frequency of reporting, and material testing requirements are defined on the construction documents by the structural Engineer of Record (EOR). Our team of field personnel hold certifications to perform the work and our laboratory testing partner routinely provides these services on projects in Rochester and throughout the region.





Special Inspections are expected to include but may not be limited to:

### SOILS

- Verify materials below shallow foundations are adequate to achieve design bearing capacity
- Verify excavations extend to proper depth and inspect subgrade prior to placing fill
- Perform classification and testing of compacted fill materials
- Verify user for proper materials, densities, and lift thicknesses during placement and compaction of fill materials

### CONCRETE

- Inspect reinforcing steel grade, size, placement
- Inspect formwork for shape, location, and dimensions
- Verify use of required mix, observe placement of concrete for proper application techniques
- Concrete field sampling for temperature, slump, air entrainment, etc.
- Lab compression testing of concrete cylinders
- Inspect anchors installed in concrete
- Inspect installation of precast concrete

### MASONRY

- Verify size, grade, spacing, lap splices, and placement of reinforcing steel
- Observe structural masonry construction periodically during placement and continuously during grouting operations
- Masonry prism sampling and lab testing if specified by EOR

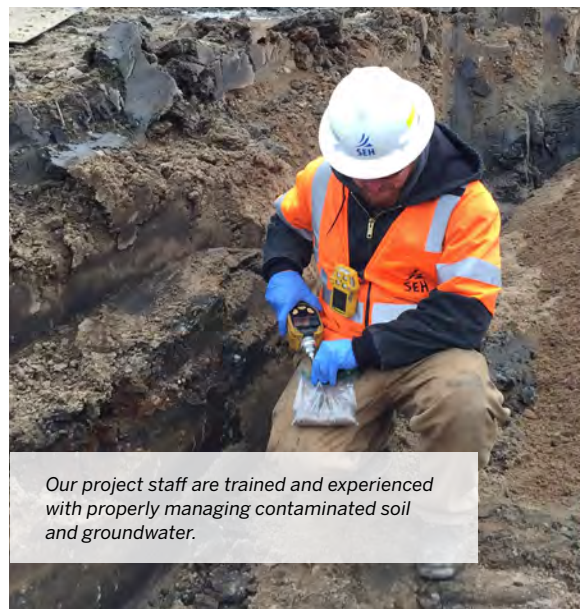
### STEEL

- Observe erection of steel beams, girders, joists, etc. for compliance with drawings
- Visual inspection of fillet welds
- Visual inspection and testing of bolted connections

- Non-Destructive Testing of Full Penetration welds
- Inspect welded or mechanically fastened roof and floor deck
- Confirm installation of joist bridging and miscellaneous details

SEH will also bring GPS technology to our project representatives by dedicating a GPS unit to the project which will provide multiple functional uses, such as: as-builts, area and volume computations, XYZ location identifications, verification checks, etc. GPS units will increase accuracy, efficiency, and provide additional quality assurance for the project.

Two Construction Inspectors were identified within the RFP as Alternative Bid. We have identified those two construction inspectors to be **Nyema Appleton** and **Trevor Latzke**. Both individuals are qualified and are ADA certified to assist with the critical civil elements. They are both eager to meet the needs of the City and would love the opportunity to be a part of this project to help assist the CM team.



## ENVIRONMENTAL

SEH has experience successfully managing environmental compliance on large-scale, multifaceted projects subject to overlapping authorities and regulations. The SEH team is committed to minimizing environmental impacts to sensitive resources in the project area. Contaminated soil/ groundwater and potential solid waste debris must be managed carefully. It is our team's goal to ensure the City of Rochester's environmental initiative of compliance is achieved simultaneously with day-to-day construction activities. SEH does this by creating an atmosphere of collaboration with the City team and contractors. Early preparation and strong communication with all project stakeholders will keep construction on track by proactively addressing environmental issues. We support the contractor to plan the work and work the plan and will right-size our team to support day-to-day construction activities.

Our environmental team will be led by **Keri Aufdencamp**, who will be responsible for overall environmental compliance and will work with **Naomi Dolton**, **Jill Mickelson**, and other environmental field staff (as needed) who will provide the onsite oversight and field monitoring. To achieve successful environmental compliance, SEH will complete the following:

- Coordinate document reviews with relevant City technical experts for comment and concurrence
- Review and verify that the SWPPP and amendments are designed and implemented in conformance with the NPDES permit
- Complete a weekly environmental compliance, SWPPP site inspection, and post rain event inspection with the contractor to ensure all permit requirements are being met and address issues in real-time in the field

- Use an environmental commitment tracking database tool to continuously document status of permits and environmental commitments
- Coordinate with other regulatory agencies when or if the need arises
- Create Hazardous Material Report for 3rd Avenue Bridge and for building demolition
- Prepare report outlining contaminated soil and groundwater management during construction

Hazardous and/or contaminated materials have been identified within designated areas for these projects. As such, SEH will be required to complete a Health and Safety Plan (HASP) for our project team prior to commencing field activities. Development of the HASP will be included in the Scope of Work for this project. Many of our staff, including our project representatives have HAZWOPER 40 hour as well as current 8-hour refresher, MDH Asbestos Inspector, Asbestos Supervisor, and U of M Construction Site Manager certifications. We propose daily safety “tailgate” meetings to inform the contractor(s) of contaminants, debris, asbestos, etc. that are anticipated to be encountered during that day. SEH proposes to utilize our mobile construction monitoring tablet application to collect information regarding location of site activities and purpose, site conditions, air monitoring, soil screening and handling (including soil description and debris

types and percentage), groundwater management strategies, analytical sampling, and photographs. We will also collect spatially based monitoring results. Daily communication will occur using daily logs and verbal communication. The importance of daily documentation is to ensure the City is informed of current issues and actions, and decision-makers are informed. We suggest weekly communication, such as attending weekly construction meetings, also be completed by SEH. The purpose of monitoring and documenting the proper handling/disposal of contaminated materials is to protect the client's long-term liability associated with handling the materials. If materials are not properly handled during construction, the City can become a responsible party for the contamination even if they did not cause the contamination.

We propose having 1-2 field technicians who are MDH Certified Asbestos Inspectors on-site daily. This ensures that field technicians are trained to recognize and sample potential asbestos containing waste materials (ACWM). Having certified individuals on site helps to minimize delays with mobilizing another individual to the project site. All of SEH's field staff are Certified Asbestos Inspectors. At the beginning of the contract, we will clarify with the City whether potential ACWM soil contingency sampling is the responsibility of the contractor

or SEH. During excavation, suspect ACWM such as demolition debris, utility piping, or pipe wrap/coatings are required to be sampled to determine proper handling requirements.

**On the Southwest LRT project, SEH performed oversight on behalf of Metro Transit for the removal of asbestos and regulated materials along with oversight of contaminated soil and groundwater management. We are prepared to perform those services on this project if directed by the city.**

#### **CONSTRUCTION ACTIVITIES DELIVERABLES**

- Document daily construction progress, issues and completed work with photos
- Enter daily work report, daily diaries and quantity postings into OneOffice
- Assist with monthly preparation of pay vouchers within OneOffice
- Document and communicate punch list, as built, and conformance items continuously throughout the project duration
- Special Inspection reports
- Monitor and document permit conditions in real-time
- Populate environmental commitments tracking database
- Review SWPPP amendments and distribute to regulatory agencies as they arise
- Complete SWPPP inspection reports and corrective actions



SWPPP inspections with contractor and owner representatives.

Anything can happen during construction. To meet your timeline, efficient

decision making and the ability to respond promptly will be key.



## CONSTRUCTION QUALITY CONTROL AND MATERIALS TESTING SERVICES

At SEH, we understand the importance of quality control and quality assurance – verification – testing for construction. We also understand that on complex projects such as these, there is a need to assist the day-to-day construction staff with meticulously keeping track of certification of all materials. For these projects, we are proposing **Jacob Michaelson** as our QC/Materials Testing Specialist to be responsible for this scope for the team. Jacob has been in this role on numerous large, federal projects and is very familiar with Buy America and the entire materials certification process. He will ensure that all materials brought onto the project have been properly certified and documented.

Jacob will work closely with the with the entire team to develop and implement a QA/QC plan that adheres to City of Rochester and MnDOT Standard Specifications – Materials Division III and as modified by the project contract documents. Our plan will be in place prior to construction and will include a guide identifying minimum field and laboratory testing requirements and how exactly each item will be certified, while adhering to the contract Schedule of Materials Control along with Buy America federal procurement guidelines. Our plan will also include procedures for documenting identified areas needing improvement, recommending corrective action, and mitigating any non-conforming materials.

Jacob will perform the majority of the field monitoring and testing services; however, many of our construction field staff are experienced and certified to perform this service depending on staff availability. We also have an entrusted materials certification partner, **Braun Intertec**, who will perform all required laboratory testing, plant inspections, and assist with field testing when needed. Our team will be led by our materials testing specialist to ensure that testing rates are being met, test reports or certificates of compliance have been submitted, and all materials are certified prior to the incorporation of the materials in the work.

To document our materials certification, OneOffice and other methods of materials control will be used to their fullest capabilities. Additionally, all our construction staff will oversee the General Contractor's QC measures to ensure compliance.

Testing equipment will be calibrated at least annually and coordination with the MnDOT District 6

Independent Assurance Inspector will be completed as is routinely done for testing projects. Lastly, our materials testing team are all local and live close to the project site to ensure that all testing is completed on time and that no delays are caused by the oversight team. We feel this is particularly important for our responsiveness and is consistent with one of our primary objectives while putting our team together.

## SAFETY

SEH knows that construction safety is at the forefront of importance because it helps to prevent potential hazards that can cause harm to workers, contractors, and passerbys. Construction sites are inherently dangerous places with many risks, such as falling objects, electrical shocks, fires, and explosions. By having strict safety protocols in place, construction companies can minimize the risk of accidents and injuries and protect the health and well-being of everyone involved.

SEH has a dedicated safety professional who will be able to deliver a scope of work for a Construction Safety Oversight Administrator (CSOA) providing construction safety per FTA guidelines for all construction activities. The scope effort will be led by **Kevin Accola** who will be in coordination with all contractors, inspectors, and local law enforcement agencies for the security of the site. Kevin will also coordinate with the CSOA about corresponding activities. He will also monitor construction incident response, investigations, and mishap trend analysis.



**SAFE PROJECTS ARE NO ACCIDENT.  
SEH IS COMMITTED TO THE SAFETY OF  
THE PROJECT TEAM.**





## A Sample Scope of Services for the CSOA includes the following information:

### INTRODUCTION

The CSOA is responsible for ensuring safety compliance during the construction phase of transit capital projects. This scope outlines the CSOA's duties, qualifications, and reporting requirements.

### RESPONSIBILITIES

The CSOA shall perform the following tasks:

- Safety Compliance Oversight:
  - Monitor construction activities to ensure compliance with safety regulations, codes, and standards
  - Conduct regular safety inspections at project sites
  - Review safety plans, risk assessments, and hazard mitigation strategies
  - Collaborate with contractors, engineers, and project managers to address safety concerns promptly
- Documentation and Reporting:
  - Maintain accurate records of safety inspections, incidents, and corrective actions
  - Prepare regular safety reports for project stakeholders and FTA
  - Document safety violations and recommend corrective measures
- Emergency Preparedness:
  - Develop and implement emergency response plans
- Coordinate with emergency services and local authorities
- Conduct safety drills and exercises
- Training and Education:
  - Provide safety training to construction personnel.
  - Promote safety awareness and best practices.
  - Ensure compliance with safety training requirements.
- Quality Assurance
  - Monitor safety-related quality control processes.
  - Verify compliance with safety specifications.
  - Participate in quality audits.
- Collaboration and Communication:
  - Work closely with project managers, engineers, and contractors.
  - Attend project meetings and safety briefings.
  - Communicate safety updates to relevant stakeholders.

### QUALIFICATIONS

The CSOA should possess the following qualifications:

- **Experience:** Minimum of 5 years in construction safety oversight.
- **Certifications:** Relevant safety certifications (e.g., Certified Safety Professional).
- **Knowledge:** Familiarity with FTA guidelines, safety regulations, and industry best practices.
- **Communication Skills:** Ability to convey safety information effectively.

### REPORTING

The CSOA will submit regular safety reports to the project manager and FTA. Reports will include safety observations, incidents, corrective actions, and recommendations.



### CONSTRUCTION QUALITY CONTROL AND MATERIALS TESTING DELIVERABLES

- Documentation of all testing reports (throughout project)
- Certificates of material compliance (prior to material use)
- Plant inspection reports (throughout production)
- Construction safety and security plan
- Emergency Response Plan
- Documentation of serious or repeated violations, unsafe acts, unhealthy conditions, non-secure conditions

### SURVEY

SEH will utilize a registered land surveyor and experienced survey crew chief for all construction staking services related to the 4-5 bid packages on the project. Our survey staff includes PLS **Chris Munn** and Senior Crew Chief **Eric Ziemann** and IMO surveyor **Andrew Christenson**. All individuals of our survey team have the qualifications and expertise necessary to successfully provide control staking for right-of-way, grading, storm sewer, utilities, pavement, signal systems, lighting, structures, traffic pavement marking layout, and all other features of the project as needed. We will establish staking request procedures with the contractor prior to start-up to ensure that everyone is aware of how and when to submit requests. SEH's survey crew is entirely based in Rochester and can be onsite within minutes if the need arises.



## **SURVEY DELIVERABLES**

- Survey field notes and construction staking
- As-built data points
- Benchmark data
- Survey control data points
- CAD files

## **CLOSEOUT ACTIVITIES**

SEH knows project closeout can be a much simpler process by being prepared and performing all pre-construction and during construction tasks thoroughly. To be successful during closeout, you must first be prepared prior to construction. One of our first initiatives prior to construction will be for our team to develop a list of final deliverables and a schedule of closeout activities. Understanding

what information and documentation is required to successfully close out a project is critical to finalizing the construction process. By creating a list of deliverables and performing detailed closeout activities, our team has the knowledge to collect the appropriate information throughout the project.

All changes or modifications made to the construction plans during the construction process will be tracked and properly identified in the final as-built record drawings. SEH utilizes Bluebeam software to track changes made in the field, which facilitates real-team coordination between field and office staff. Our team also has a best practice to create an official punch list from day one that includes a description of each issue along with a geo-located photo. The punch list will be provided to the contractor on a weekly basis. Once construction is complete, our team will complete final inspections, ensure punch list items are complete, equipment

has been tested and start-up procedures initiated, operating manuals, keys, warranty information has been provided, and all other required closeout procedures and turnover requirements have been completed within 180 days of the final project completion date. Jeremy will be committed to oversee team efforts to appropriately compile and submit this key final project documentation.

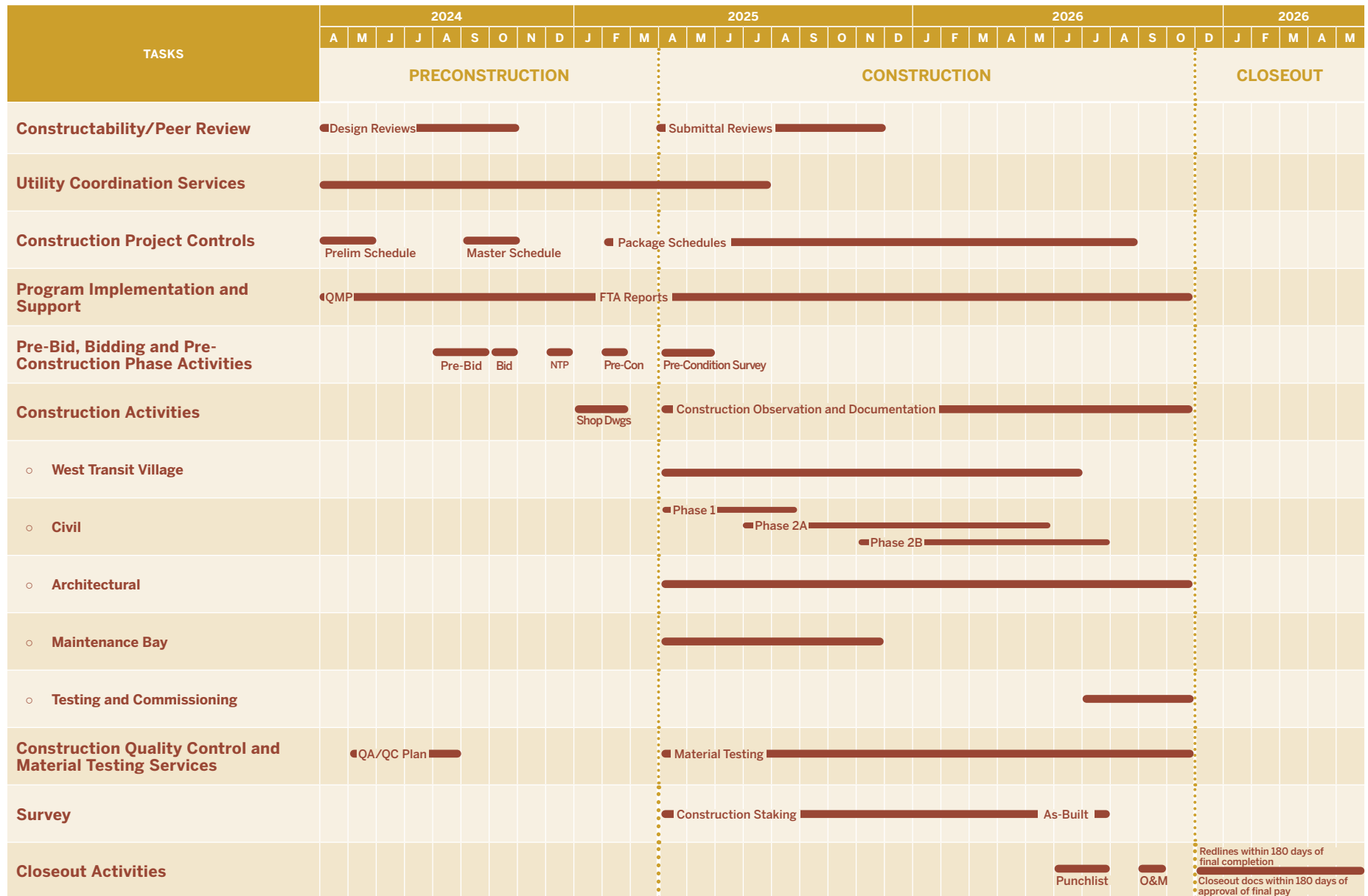


## **CLOSEOUT DELIVERABLES**

- As-built drawings
- An organized catalogue of keys, manuals, warranties, product info, procedures, etc.
- Final materials certification packet
- Final Item Record Account of quantities
- Daily documentation and photos

A project schedule is a critical component in the management and execution of a construction project. The schedule on the following page was developed specifically for the Rochester Link BRT based upon our understanding of the scope. Our team is ready, committed, and available to get to work to deliver your project on-time!

# PROJECT SCHEDULE







**Link**

(Must be returned with your Offer)

LINK RAPID TRANSIT CONSTRUCTION SERVICES

# ACKNOWLEDGEMENT OF AMENDMENT



## ACKNOWLEDGMENT OF AMENDMENT (Must be returned with your Offer)

The undersigned acknowledges receipt of the following amendment(s) to the solicitation and supporting documentation.

AMENDMENT NUMBER <u>1</u>	DATED: <u>January 31, 2024</u>
AMENDMENT NUMBER <u>2</u>	DATED: <u>February 6, 2024</u>
AMENDMENT NUMBER _____	DATED: _____
AMENDMENT NUMBER _____	DATED: _____
AMENDMENT NUMBER _____	DATED: _____
AMENDMENT NUMBER _____	DATED: _____

Note: Failure to acknowledge receipt of all amendments that may have been issued may cause the Proposal offer to be considered non-responsive to the solicitation. No further consideration will be given to non-responsive offers. Acknowledged receipt of each amendment must be clearly established and included with the proposal.

Short Elliott Hendrickson Inc. (SEH®)  
(Proposing Company Name)

717 Third Avenue SE  
(Street Address)

Rochester, MN 55904  
(City, State, and Zip Code)

  
(Signature of Authorized Company Official)

February 26, 2024  
(Date)



# CERTIFICATE OF PROCUREMENT INTEGRITY



## CERTIFICATE OF PROCUREMENT INTEGRITY (MUST BE RETURNED WITH YOUR OFFER)

I, Scott Samuelson, am the officer or designated employee responsible for the preparation of this proposal offer and hereby certify that to the best of my knowledge and belief, with the exception of any information described below on this certificate, have no information concerning a violation or possible violation of Section 27 (a), (b), (c), or (e) of the FPPA \* (41 USC 423) as implemented in the FAR, occurring during the conduct of this procurement.

As required by Subsection 27 (d) (1) (B) of the FPPA, I further certify that each officer, employee, agent, representative, and/or consultant of:

Short Elliott Hendrickson Inc. (SEH®)

(Insert firm's name)

Who has participated personally and substantially in the preparation or submission of this offer, has certified that he/she is familiar with, and complied with, the requirements of Subsection 27(a) concerning any violation or possible violation of the FPPA, pertaining to this document.

List violations or possible violations (enter "NONE" if none exist):

None

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Signature of Responsible Officer or Employee

February 26, 2024

Date

Scott Samuelson

Printed/Typed name of Responsible Officer or Employee

This certification concerns a matter within the jurisdiction of an agency of the United States and making a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, U.S. Code, Section 101.

Section 27 became effective July 16, 1989

# CERTIFICATE OF RESTRICTIONS ON LOBBYING



## CERTIFICATION OF RESTRICTIONS ON LOBBYING

(Must be returned with your offer)

I, Scott Samuelson, hereby certify on behalf of Short Elliott Hendrickson Inc. (SEH®)  
\_\_\_\_\_ that:

No appropriated Federal funds have been paid or will be paid, by or on behalf of the undersigned to any person influencing or attempting to influence an officer or employee of any Agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal Grant, the making of any Federal Loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit the Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

The undersigned shall require that the language of this certification be included in the awards documents for any and all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance is placed when this transaction is made or entered into. Submission of this certification is prerequisite for making or entering into this transaction as imposed by Section 1352, Title 31 USC. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000.00 and not more than \$100,000.00 for each such failure.

Executed this 26th day of February, 2024

By: Scott Samuelson  
(Signature of Authorized Official)

Principal  
(Title of Authorized Official)



# DBE PARTICIPATION FORM AND LETTERS OF COMMITMENT



## DBE PARTICIPATION FORM

RFP Rochester Rapid Transit Project and DMC has set the following DBE goal  
for this Solicitation: 10%

Bidder must check the appropriate box, provide the information requested, sign and submit this form with its Proposal. Failure to complete and submit this form may result in rejection of the Proposal as non-responsive.

☐ Bidder will meet the DBE goal for this contract. Bidder is certified according to requirements of DOT 49C.F.R. Part 26 as a DBE eligible for participation in DOT assisted contracts, and will be performing percent (%) of the contract work.

☒ Bidder will meet the DBE goal for this contract. If awarded this contract, Bidder will subcontract with the DBE(s) listed below which will be performing a percent (%) of the total dollar amount of contract work. Each DBE listed below is certified according to requirements of DOT 49 C.F.R. Part 26 for participation in DOT assisted contracts.

DBE Name	DBE Address	Scope of Services	Total Dollar Amount	Percent of Total Contract
PE Services	4204 Park Glen Rd St. Louis Park, MN 55416	Construction Services	TBD	TBD
CRW Architecture + Design Group	211 11th Avenue NW Rochester, MN 55901	Architectural Services	TBD	TBD
IMO Consulting Group	12900 Whitewater Dr. Suite 100 Minnetonka, MN 55343	Surveying Services	TBD	TBD
Bush Companies	4115 26th Street NW Rochester, MN 55901	Business Access Management Services	TBD	TBD
Eden Resources	60 S 6th Street, Suite 2800 Minneapolis, MN 55402	Public Engagement and Value Engineering Services	TBD	TBD

**A letter of commitment from each DBE listed above shall be submitted with the Proposal. The letter of commitment is assigned letter, on company letterhead, from the DBE that serves as acknowledgment from the DBE of their level of participation in this solicitation. The dollar amount of the commitment, the scope of service or product to be provided and the applicable NAICS code(s) shall be included in the letter.**

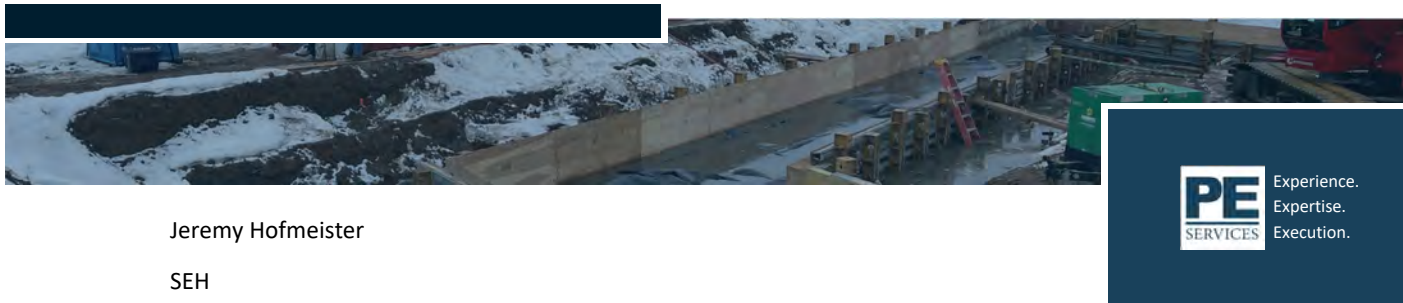
☐ Bidder does not meet the DBE goal for this contract. Bidder certifies that it has made good faith efforts in accordance with the Invitation for Bid to meet the DBE goal but, despite those efforts, has been unable to meet the goal. Bidder has completed The Good Faith Efforts Documentation Form attached to this Participation Form. Record any DBE participation achieved in the above table and include a letter of commitment from each DBE.

Signature: Scott Samuelson

Date: February 26, 2024

Printed Name: Scott Samuelson

Title: Principal



Jeremy Hofmeister

SEH

717 3<sup>rd</sup> Ave SE #101

Rochester, MN 55904

Re: Rochester Link Rapid Transit Construction Services

Dear Mr. Hoffmeister,

I am writing this letter to express PE Services' commitment to the Rochester Link Rapid Transit Construction Services Request for Proposal (City Project No. J8707). As discussed, we are fully dedicated to fulfilling the positions in your proposal. The dollar value of this commitment is to be determined at the time of the proposal submittal and will be negotiated with the owner following award of the project. PE Services' anticipated percentage of the contract with the owner is expected to be 10%

The scope of services provided by PE Services for this project includes:

- Project Controls (Independent Cost Estimating & Scheduling) (NAICS 236220,541618)
- Construction Inspection (NAICS 541330)
- Environmental Compliance Management (NAICS 541620)

Please do not hesitate to reach out to me if you have any questions, concerns, or clarifications regarding this commitment at [Jennifer.Hildebrand@peservicesmn.com](mailto:Jennifer.Hildebrand@peservicesmn.com). Thank you for the opportunity to work together, and I will look forward to a mutually beneficial partnership.

Jennifer Hildebrand

A handwritten signature in black ink, appearing to read "Jennifer Hildebrand".

President/CEO

February 23, 2024



Scott Samuelson, PE  
Short Elliott Hendrickson Inc.  
717 Third Avenue SE  
Rochester, MN 55904

**RE: Downtown Rochester Link Rapid Transit Project – Construction Services  
Subconsultant Teaming Commitment**

Dear Mr. Samuelson:

This is a letter of intent between the proposer, Short Elliott Hendrickson INC (SEH®) and a subconsultant, CRW architecture + design group, to perform subcontract work on the above referenced project. Subcontracting work consists of Architectural Services (NAICS 541310).

I hereby affirm that the information above is true and correct, and CRW architecture + design group is committed to provide the services described above.

Sincerely,

**CRW architecture + design group, Inc.**

A handwritten signature in blue ink that reads "Jason Woodhouse". The signature is stylized with a large, sweeping initial "J" and a trailing flourish.

Jason Woodhouse, AIA,  
Principal in Charge





## IMO CONSULTING GROUP

---

February 26, 2024

Scott Samuelson, PE  
Short Elliott Hendrickson, Inc.  
717 Third Avenue SE  
Rochester, MN 55904

Re: Downtown Rochester Link Rapid Transit Project – Construction Services  
Subconsultant Teaming Commitment  
NAICS Code 541330 – Engineering Services

Dear Mr. Samuelson,

Please consider this a letter of intent between Short Elliott Hendrickson Inc (SHE®), the proposer, and IMO Consulting Group, Inc (IMO), a subconsultant, to perform Surveying Services work (NAICS Code 541330 – Engineering Services) on the above referenced project.

IMO is also available to provide architectural services (NAICS Code 541310) and/or additional engineering services as needed.

I hereby affirm that the information above is true and correct, and IMO Consulting Group is committed to providing the services described above.

Sincerely,

Ismael Martinez-Ortiz  
President

12900 Whitewater Drive - Suite #100 - Minnetonka, MN 55343  
P: 952.446.7898 – imoconsultinggroup.com



February 23, 2024

Scott Samuelson, PE  
Short Elliott Hendrickson Inc.  
717 Third Avenue SE  
Rochester, MN 55904

RE: Downtown Rochester Link Rapid Transit Project – Construction Services  
Subconsultant Teaming Commitment

Dear Mr. Samuelson:

This is a letter of intent between the proposer, Short Elliott Hendrickson INC (SEH®) and a subconsultant, Bush Companies, to perform subcontract work on the above referenced project. Subcontracting work consists of Business Access Manager Services – Public Relations (NIACS 541820).

I hereby affirm that the information above is true and correct, and Bush Companies is committed to providing the services described above.

Sincerely,

Kenneth Bush - Principal

A handwritten signature in black ink that reads "Kenneth Bush". The signature is written in a cursive, flowing style.

Bush Companies – DBE + MBE  
a Minnesota Minority Owned Enterprise

February 23, 2024

Scott Samuelson, PE  
Short Elliott Hendrickson Inc.  
717 Third Avenue SE  
Rochester, MN 55904

RE: Downtown Rochester Link Rapid Transit Project – Construction Services  
**Subconsultant Teaming Commitment**

Dear Mr. Samuelson:

This is a letter of intent between the proposer, Short Elliott Hendrickson INC (SEH®) and a subconsultant, EDEN Resources, to perform subconsultant / subcontract work on the above referenced project. Subcontracting work consists of public engagement & estimation assistance. Estimating shall include value engineering and project-specific cost studies. **Scope:** includes-Construction Program / Project Management as consistent with NAICS 541611, 541618.

I hereby affirm that the information above is true and correct. EDEN Resources is committed to provide the services described above.

Sincerely,



Mariaha M. Dean, MAEL, LEED AP | Principal Owner | EDEN Resources



# DBE GOOD FAITH EFFORTS



## Form F-2: Certification of Good Faith Efforts

Short Elliott Hendrickson Inc. (SEH®)

February 26, 2024

Company completing this schedule

Date

Rochester Link Rapid Transit Construction Services

10%

Project name

DBE participation goal (percent)

TBD

Total DBE commitment in dollars (\$)

Please list your attempts to solicit bids from **DBE** subcontractors, suppliers, and service providers.

DBE company	Contact person	Phone	Email	Date and method of contact		Description of work	Dollar amount of quote
				Letter	Phone		
1 PE Services	Jeff Eggert	952.456.6707	jeff.eggert@peservicesmn.com		9/20/23	Construction Services	TBD
2 CRW Architecture + Design Group	Jason Woodhouse	507.206.6201	jwoodhouse@crwarchitecture.com		2/7/24	Architectural Services	TBD
3 IMO Consulting Group	Ismael Martinez-Ortiz	612.867.0678	imartinez@imoconsultinggroup.com		2/13/24	Surveying Services	TBD
4 Bush Companies	Kenneth Bush	507.272.1056	bushcompanies@gmail.com		2/5/24	Business Access Management Services	TBD
5 Eden Resources	Mariaha Dean	651.233.7861	mariaha@edenresources.com		2/15/24	Public Engagement and Value Engineering Services	TBD
6							
7							

If you have any questions, please contact:

Jorrie Johnson

City of Rochester, Minnesota

Administration Department

201 4<sup>th</sup> Street SE

Rochester, MN 55904

Phone: 507-328-2016

Fax: 507-328-2727

Email: [jjohnson@rochestermn.gov](mailto:jjohnson@rochestermn.gov)

## INCORPORATION OF FHWA TERMS AS PER STATE AGREEMENT

The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in State MnDOT and DOT Grant Agreement, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all DOT, MNDOT mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any City of Rochester requests which would cause the City of Rochester to be in violation of the DOT and MnDOT terms and conditions.

## DEBARMENT AND SUSPENSION

This contract is a covered transaction for purposes of 49 CFR Part 29. As such, the contractor is required to verify that none of the contractor, its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified as defined at 49 CFR 29.940 and 29.945. The contractor is required to comply with 49 CFR 29, Subpart C and must include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into.

# CERTIFICATE REGARDING DEBARMENT



## CERTIFICATION REGARDING DEBARMENT

(Must be returned with your offer)

To be submitted on all contracts reasonably anticipated exceeding \$25,000.00 in value.

THE UNDERSIGNED PROPOSER, OFFERER, OR SUBCONTRACTOR ("ATTESTER") CERTIFIES, TO THE BEST OF ITS KNOWLEDGE AND BELIEF THAT:

The attester and/or any of its principals or subcontractor:

Are not presently debarred, suspended, proposed for debarment, or declared ineligible for award of contracts by any Federal Agency.

Have not for a three (3) year period preceding this offer, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offences in connection with obtaining, or attempting to obtain, or performing a public (Federal, State, or Local) contract or subcontract: violation of Federal or State antitrust status relating to the submission of offers, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property; and

Are not presently indicted for, or otherwise criminally or charged in any civil action by a government entity with commission of any of these offenses enumerated above.

The Attester has not, within a three (3) year period preceding this offer, had one (1) or more contracts terminated for default by any governmental agency.

"Principals", for the purpose of this certification, means officers, directors, owners, partners, and persons having a primary management or supervisory responsibilities within a business entity.

This certification concerns a matter that may be within the jurisdiction of an agency of the United States and the making of false, fictitious, or fraudulent certification may render the maker subject to prosecution under Section 1001, USC.

The Attester shall immediately notify the Procurement Department at any time the attester learns that its certification was erroneous when submitted or has become erroneous.

A certification in which any of the items detailed above exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Attester's responsibility. Failure of the Attester to furnish a certificate or provide such additional information as requested by CITY OF ROCHESTER may render the Attester non-responsive.

Nothing contained in the forgoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

If it is later determined that the Attester knowingly rendered an erroneous certification, in addition to other remedies available to CITY OF ROCHESTER, the Authority may terminate the contract resulting from this solicitation for default.

If Attester is unable to certify to any of the statements in this certification, attach an explanation to this certification.

A handwritten signature in blue ink, reading "Scott Samuelson".

(Signature of Authorized Company Official)

Short Elliott Hendrickson Inc. (SEH®)

(Company Name TYPED)

Scott Samuelson | Principal

(Title of Official, Including Name, Typed)

# AFFIDAVIT OF NON-COLLUSION



## AFFIDAVIT OF NON-COLLUSION

The undersigned, having submitted a bid, quote, or proposal for **RFP Rochester Rapid Transit Line Project**, in accordance with notice given by the Procurement Office of the City of Rochester and/or its Board of Directors for the purposes or support of the transit services in and for the Consolidated City of City of Rochester, Minnesota, for and behalf of him/her self, or themselves, first being duly sworn says:

That said bidder, quoting party, or proposer has not directly or indirectly entered into any combination, collusion, undertaking, or agreement relative to price to be bid by any person, or to prevent any person, or persons, or company from submitting pricing: or to entice any bidder, quoting party, or proposer to refrain from pricing for such supplies, merchandise, service, or contract, and that said bid so made is without reference or regard to any other bid or bids, and without agreement, understanding or combination, either directly or indirectly, with any person or persons, with reference to such bidding in any way or manner whatsoever.

Signed: [Signature]  
Proposer or Agent

State of Minnesota

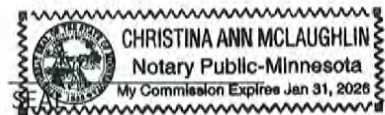
SS: Short Elliott Hendrickson Inc. Rochester, MN

County of Olmsted

Subscribed and sworn before me this 11<sup>th</sup> day of February 2024.

My commission expires: Jan 31, 2026

[Signature]  
Notary Public



Dated at Rochester MN 2/26/24  
City State Date

Short Elliott Hendrickson Inc. (SEH®)  
Company Name

**Failure to Properly Notarize and Return This Form Will Invalidate Your Bid**





## DOT ASSISTED CONTRACTS

### BIDDERS LIST

[49 CFR, Part 26]

49 CFR, Part 26 requires that all recipients of Federal Funds collect certain information from all bidders submitting responses to solicitations. To assist in the building of demographics for the area upon which reasonable and effective expectations of DBE/MDE opportunities may be based, all bidders are required to return this certificate with their offer. Any offer submitted that does not contain a completed copy of this form will be ruled as non-responsive and dropped from further consideration in the procurement process for the solicitation.

Firm Name: Short Elliott Hendrickson Inc. (SEH®)

Firm Address: 717 Third Avenue SE, Rochester, MN 55904

Firm Phone: (507) 288.6464 Firm Fax: ( )

General Classification of firm by quantity of employees:

☐ Less Than 10 ☐ 11 – 50 ☐ 51 – 100 ☐ 101 – 500  
☒ 501 – 1000 ☐ 1001 – 5000 ☐ More than 5000

General Classification of Firm in Age of Existence:

☐ 0 – 5 years ☐ 6 – 10 years ☐ 11 – 50 years ☒ Over 50 years

General Classification by Type:

☐ Firm is a Small Business ☐ Firm is a certified DBE  
☐ Firm is a certified WBE ☒ Firm is not one of the above.

General Classification by Annual Gross Income

☐ The approximate annual gross income for this firm is less than \$100,000  
☐ The approximate annual gross income for this firm is \$100,000 - \$250,000  
☐ The approximate annual gross income for this firm is \$250,001 - \$500,000  
☐ The approximate annual gross income for this firm is \$500,001 - \$1M  
☐ The approximate annual gross income for this firm is \$1M - \$5M  
☒ The approximate annual gross income for this firm is greater than \$5M

I certify this information is accurate to the best of my knowledge.

Scott Samuelson  
 Signature

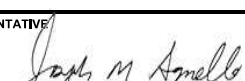
February 26, 2024  
 Date

Scott Samuelson  
 Printed Name

# CERTIFICATE OF INSURANCE

## CERTIFICATE OF INSURANCE EVIDENCING PROFESSIONAL LIABILITY COVERAGE

SEH is an established firm in business since 1927. The Company carries the necessary insurance in professional liability, general liability, automobile, and workers compensation for this contract. Errors and Omissions insurance is currently retained through XL Specialty Insurance Co. Our current policy is in effect through October 1, 2024.

ACORD®		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY)			
		10/1/2024		9/29/2023			
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.							
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).							
PRODUCER		CONTACT NAME:					
Lockton Companies		PHONE (A/C, No, Ext):					
444 W. 47th Street, Suite 900		FAX (A/C, No):					
Kansas City MO 64112-1906		E-MAIL ADDRESS:					
(816) 960-9000		INSURER(S) AFFORDING COVERAGE					
kcasu@lockton.com		NAIC #					
INSURED		INSURER A : The Continental Insurance Company					
1467605		INSURER B : National Fire Insurance Co of Hartford					
SHORT-ELLIOTT-HENDRICKSON, INCORPORATED		INSURER C :					
3535 VADNAIS CENTER DRIVE		INSURER D :					
ST. PAUL MN 55110-3507		INSURER E :					
		INSURER F :					
COVERAGES ***** CERTIFICATE NUMBER: 16334373 REVISION NUMBER: XXXXXXXX							
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	N	N	6079420587	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
							MED EXP (Any one person) \$ 15,000
							PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 2,000,000
	OTHER:						\$
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY	N	N	6079420699	10/1/2023	10/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$ XXXXXXXX
	<input type="checkbox"/> OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$ XXXXXXXX
	<input type="checkbox"/> SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
	<input type="checkbox"/> HIRED AUTOS ONLY						\$ XXXXXXXX
	<input type="checkbox"/> NON-OWNED AUTOS ONLY						
A	<input checked="" type="checkbox"/> UMBRELLA LIAB	N	N	6079420590	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 10,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 10,000,000
	<input type="checkbox"/> CLAIMS-MADE						\$ XXXXXXXX
	DED RETENTION \$						
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	N	N/A	6079421254	10/1/2023	10/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)							
CERTIFICATE HOLDER CANCELLATION See Attachment							
16334373 FOR INFORMATION ONLY CO				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.			
				AUTHORIZED REPRESENTATIVE 			

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ACORD 25 (2016/03)

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## APPENDIX

### SCOPE OF SERVICES KEY

- |                                 |   |  |
|---------------------------------|---|--|
| 1 Constructability/Peer Review  | 4 Program Implementation and Support                | 7 Construction Quality Control and Material Testing Services |
| 2 Utility Coordination Services | 5 Pre-Bid, Bidding, and Pre-Construction Activities | 8 Survey   |
| 3 Construction Project Controls | 6 Construction Activities                           | 9 Closeout Activities  |



**CLICK HERE**to learn about a day in the life of SEH  
Construction Manager Jeremy Hofmeister

# JEREMY HOFMEISTER

CONSTRUCTION MANAGER | SEH

Scope of Services



Jeremy is a Project Construction Leader who has the expertise to serve as a construction project manager, project supervisor, office manager, bridge inspector, grading and base, bituminous, and concrete inspector. Jeremy has extensive experience performing, coordinating, and managing daily construction operations on a wide variety of state, county, and highway projects. Jeremy has many years serving as a chief inspector/project leader on numerous bridges, retaining walls, roadway, roundabouts, and surface rehabilitation projects in both Minnesota and Wisconsin. He has a passion for working as a team with all resources to ensure success.

Jeremy's construction service responsibilities include performing complex technical assignments regarding project oversight, change management, constructibility reviews, schedule reviews, construction layout, engineering computations in the field, construction observation work, field materials testing, quality assurance/quality control (QA/QC), coordination with public and private stakeholders, completion of all documentation and construction administrative duties according to state-aid, state, and federal-aid requirements. Jeremy is involved with mentoring internal/external staff along with disadvantaged business enterprise mentoring.

## EXPERIENCE

### 48th Street and Commercial Drive (City of Rochester MN) – Rochester, MN

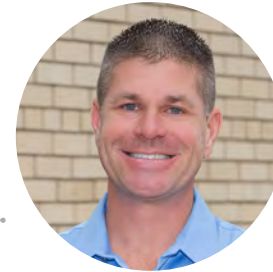
Jeremy served as the Project Manager and provided QA/QC for this concrete roundabout project. This project consisted of intersection improvements at 48th Street and Commercial Drive SW through the construction of a new concrete roundabout. This project was funded through Municipal State Aid and Local funds and closely followed MN State Aid construction contract administration. The project included the construction of new subgrade sections, concrete pavement single-lane roundabout, storm sewer improvements, lighting, ADA compliant pedestrian walkways & shared use trail section, along with new pavement markings and signing for the project. This project was staged at the intersection to constructed under live traffic while maintaining large truck traffic to the local businesses.

### Mayo 1st Ave Tunnel (City of Rochester MN) – Rochester, MN

Jeremy was the construction project manager for both the city owner contract with the city and the special inspection contract with the contractor. The project consisted of three new cast in-place tunnels to be constructed and integrated into new and existing buildings in downtown Rochester. Jeremy ensured City Owner documentation met the Rochester Standards and Special Inspection requirements were met per Minnesota Building Code code.

### Additional projects include:

- US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN
- Dresbach I-90 Bridge and Approach Reconstruction Oversight (MnDOT District 6) – Dresbach, MN
- MnDOT SE MN Construction Projects (MnDOT District 6) – MN

**23**  
YEARS OF  
EXPERIENCE

## EDUCATION

Associate of Science  
Civil Engineering  
Rochester Community and Technical College -  
Rochester, MN



## REGISTRATIONS/CERTIFICATIONS

**OSHA:** 10-Hour Safety, OSHA 40-Hour HAZWOPER

**U of M:** Construction Site Manager

**eRail:** Canadian Pacific Safety

**Minnesota Utility Contractors Association:**  
Pipelayer

## MnDOT

ADA Construction  
Aggregate Production  
Bituminous Street Inspector  
Bridge Construction Inspector  
Concrete Field Tester and Inspector  
Concrete Plant Tester  
Grading & Base Tester and Inspector  
Landscape Specialist  
Signal and Lighting  
Traffic Control Supervisor  
Concrete Strength Tester



## CONTACT INFORMATION

507.316.6626  
jhofmeister@sehinc.com



Click here to go back to Jeremy's bio

# TED JOHNSON

PUBLIC INFRASTRUCTURE PROJECT REPRESENTATIVE | PE SERVICES

Scope of Services **5** **6** **7** **9**

Ted is an experienced, skilled, and trusted engineering technician whose project responsibilities include serving as the lead grading inspector on a variety of very large projects. He has been a valued Professional Engineering Services employee since 1998 and has represented PE Services well on a variety of civil and commercial construction projects. Over the last 20+ years, his duties and responsibilities during construction have grown to reflect his professionalism and concern for quality and detail.

## EXPERIENCE

### **METRO Plant Solids Management Improvement Project (MCES) – Minneapolis, MN**

Ted contributed to the Metro Plant Solids Management Improvement Project in the following ways by serving as an owners representative where he conducted project oversight for MCES during the construction of a scientific test facility, expansion, and tunnel at Pigs Eye wastewater facility. He also provided on-site construction observation, contract administration, and materials acceptance to ensure project adherence to specifications, budget, and timeline. Additional responsibilities included: contract management, construction observation, quality control, materials management, communication, and collaboration.

### **MSP 2023 Concourse G Infill Pods 2&3 (MAC) – Minneapolis/St. Paul, MN**

Ted contributed to the MSP International Airport project by providing construction oversight where he managed and monitored on-site activities for the removal and replacement of the storm sewer system at Terminal 1. He also ensured project adhered to MAC's specifications, budget, and timeline on behalf of the owner. Additional responsibilities included: project management, quality control, safety compliance, communication, collaboration.

### **TH 13 Force Main Modifications (MCES) – Shakopee, MN**

Ted contributed to the Metropolitan Council TH 13 project serving as an Owner's representative where he managed Met Council's interests on-site for the replacement and relocation of the TH 13 force main during the Highway 13 project in Shakopee. He also ensured project adherence to specifications, budget, and timeline through proactive communication, collaboration, and quality control monitoring. Additional responsibilities included: contract management, construction observation, quality control, budget monitoring, communication, collaboration.

### **Southwest Light Rail Station (SWLRT) Shady Oak Station, Shady Oak Pond (Metropolitan Council) – Hennepin County, MN**

Ted contributed to the Metropolitan Council SWLRT project by serving as the Owner's Representative: where he conducted project oversight for Met Council on the construction of Shady Oak Station for the Southwest Light Rail Transit (SWLRT) project. He managed diverse project aspects, including excavation, force account management, concrete pours, and trackside work, ensuring adherence to specifications, budget, and timeline. He also oversaw the construction of the large retention pond, a key component of the SWLRT project at Shady Oak, ensuring proper functionality and environmental compliance.



**25**  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Arts  
Art Education,  
University of Wisconsin



## REGISTRATIONS/CERTIFICATIONS

**American Concrete Institute:** Field Level I

### **MnDOT**

Bridge Construction  
Concrete Field Tester and Inspector  
Grading & Base Tester and Inspector  
Bituminous Street  
Aggregate Production  
Signals and Lighting Inspection  
ADA Construction Inspector Troxler Nuclear  
Density Gauge Operator

**OSHA:** 40 Hour HAZWOPER,  
30-Hour Certification

**BNSF:** Safety Certification

**U of M:** Construction Site Manager

**eRail:** Canadian Pacific Safety Certification



## CONTACT INFORMATION

715.279.1139  
ted.johnson@peservices.com



Click here to go back to Ted's bio

# BRIAN McINTIRE

VERTICAL PROJECT REPRESENTATIVE | SEH

Scope of Services **5** **6** **7** **9**

Brian is a senior resident project representative with SEH based out of the Rochester, MN office. Brian has extensive field experience in a wide range of construction consulting disciplines from surveying, roadway/street construction, utilities, vertical/building construction, environmental, and project management. Brian has been responsible for everything from construction inspection and administration, sampling and cataloging hazardous materials and post fire forensic investigations, testing soils, to inspecting and observing deep foundation systems.

## EXPERIENCE

### Southwest LRT Construction Monitoring (Metropolitan Council Metro Transit) – West Metro Twin Cities, MN

Field scientist who performed excavation monitoring for presence of regulated materials, hazardous waste and petroleum impacted soils. Responsibilities included the collection of geospatial data including excavation extents, sample locations and monitoring results with SEH's ArcGIS collector application and collection of soil and groundwater samples for chemical analyses. SEH has served as the Council's environmental consultant for the Southwest LRT project since 2012. The project area includes a 14.5-mile light rail corridor and a Rail Support Facility. Over the past decade, work has included Phase I and Phase II ESAs, response actions for construction, and construction monitoring. Contingency Actions have included removal of four, orphaned underground storage tanks.

### 1st Avenue NW Utility, Pedestrian and Service Tunnels – Rochester, MN

Brian served as a city-owner and special inspector for this project. The project consisted of three new cast in-place tunnels to be constructed and integrated into new and existing buildings. The tunnels traveled beneath existing city streets as

well as existing public and private utilities. Brian performed pre-condition surveys, provided written & photographic documentation and conducted observations of soils, foundations, concrete reinforcing steel and concrete placement.

### 48th Street and Commercial Drive Construction (City of Rochester) – Rochester, MN

Brian served as the lead resident project representative on this \$2.6M roundabout and roadway approach construction project. This City of Rochester project involved replacing a four-legged intersection with stop control with a single-lane concrete paved roundabout. Experiencing high left-turning traffic movements out of the adjacent commercial development which also included high truck turning volumes, a roundabout was proposed and construction at this location. As lead RPR, Brian was responsible for all observations of the new roundabout and approach geometric changes and was also responsible for the documentation, construction administration and communication with the contractor and adjacent property owners.



24  
YEARS OF  
EXPERIENCE



## EDUCATION

College Courses related to Environmental Science, Soils, Geology, and Agronomy  
Rochester Community Technical College and University of Minnesota



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

ADA Construction  
Aggregate Production  
Bituminous Street Inspector  
Bridge Construction (Pending)  
Concrete Field Tester and Inspector  
Concrete Plant Tester  
Grading & Base Tester and Inspector

**U of M:** Erosion and Stormwater Construction Site Manager

**ICC:** Special Inspector (Reinforced Concrete, Prestressed Concrete, Soils)

**CBI MSHA:** New Miner Training

**MDH:** Asbestos Inspector, Asbestos Supervisor

**Wisconsin DHS :** Asbestos Inspector

**OSHA:** 40 Hour HAZWOPER, 10-Hour Safety

**eRail:** Safe System #1002530

Confined Space Entry - 29CFR-1910.146

Nuclear Gauge Safety, Troxler



## CONTACT INFORMATION

507.993.1521

bmcintire@sehinc.com



Click here to go back to Brian's bio



# JESSE GAMST

ARCHITECTURAL STRUCTURES PROJECT REPRESENTATIVE | BRAUN INTERTEC

Scope of Services **5** **6** **7** **9**

Jesse is responsible for oversight of several projects and clients at Braun Intertec's Rochester office. His responsibilities for Braun Intertec include preparing project estimates, ensuring projects follow scope, schedule and budget, communicating with clients, and providing management and oversight. This includes oversight of Special Inspections and Transportation projects. In addition, Jesse has served as lead Special Inspector and Project Manager for numerous complex projects throughout his career.

## EXPERIENCE

### US Highway 14, Dodge Center to Owatonna, S.P.2001-43

Construction Quality Manager, overseeing QC staff and all components of Quality on the project.

### I-90 Blue Earth, S.P.2280-143

Overseeing Braun staff and scheduling as well as document control for all testing reports.

### 55th Street NW Expansion, Rochester, MN

Braun Intertec services related to construction materials testing for two miles of new roadway and utility construction connecting 55th Street NW to CSAH 33 and expanding CSAH 33 to four lanes from CSAH 22 to 55th Street NW.

### The Berkman, Rochester, MN

Overseeing and coordinating special inspection and construction materials testing staff. Also assisting with post-tensioned concrete observations, soil, rebar and related services.

### Mayo Clinic Block 6 Parking Garage, Rochester, MN

Overseeing staff and performing Project Management of the project.

### City of Rochester Parking Garage #6 – Rochester, MN

Overseeing and coordinating special inspection and construction materials testing staff. Also assisting with post-tensioned concrete observations.

### Hilton Hotel, Rochester, MN

Overseeing and coordinating special inspection and construction materials testing staff. Also assisting with post-tensioned concrete observations.

### Cap-X 2020, Rochester, MN

Observed the drilled shafts, reinforcement and concrete placement as well as coordinating the staff in Rochester.

### Regions Hospital 14-Story Tower, St. Paul, MN

Performed special inspections on rebar inspections on pan and joist decks.

### Regions Hospital Behavior Health Addition

Performed special inspections on reinforced concrete, pile driving observations.

### HealthEast Ambulatory Care Center, St. Paul MN

Performed soil testing, concrete testing, rebar inspections and masonry inspections.

### Mercy Hospital Campus Expansion, Coon Rapids, MN

Five additions, including MOB with skyway, operating room addition, and MRI addition. Performed observations on air barrier, special inspections on masonry and concrete reinforcement, soil corrections.



**BRAUN**  
INTERTEC

**23**  
YEARS OF  
EXPERIENCE



## REGISTRATIONS/CERTIFICATIONS

### ICC:

Special Inspector  
Structural Masonry  
Special Inspector  
Reinforced Concrete  
Pre-Stressed/Post-Tensioned Concrete

**ACI:** Concrete Field Testing Technician Grade I

### MnDOT :

Aggregate Production  
Grading & Base Tester and Inspector  
Concrete Field Tester  
Concrete Plant Tester  
Bituminous Plant Tester  
Bituminous Street

Fall Protection Training

Confined Space Entry Training

Radiation Safety - 49 CFR part 172

Hazardous Materials Transportation



## CONTACT INFORMATION

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Click here to go back to Jesse's bio

# JACOB MICHAELSON

QUALITY CONTROL/MATERIALS TESTING SPECIALIST | SEH

Scope of Services **5** **6** **7** **9**

Jacob is a senior resident project representative in the construction practice for SEH. He has worked on multiple large-scale construction projects with responsibilities including construction materials testing, roadway inspection, environmental monitoring, concrete and bituminous plant inspection, testing soils, testing concrete, and working with contractors. Jacob has Bachelor's degrees in geology and construction management and in his day-to-day activities, incorporates skills from both areas. He specializes in material sampling, field testing and materials control.

## EXPERIENCE

### 48th Street and Commercial Drive – Rochester, MN

Jacob served as part of the construction oversight for a period of time on the 48th Street and Commercial Drive project. Duties included the oversight of construction, daily and weekly diaries, and quantities. The project consisted of traffic control, removals, concrete paving, and utilities.

### 2023 Capital Improvements Plan – Stewartville, MN

Jacob served as the Senior Resident Project Representative, taking care of the everyday construction observations and certain administrative tasks for the project. The 2023 CIP project included the reconstruction of 5th Ave from 6th St. to 1st St., which also included one block of 2nd St. All street segments included the replacement of curb and gutter, bituminous paving, watermain, sanitary sewer, and storm sewer modifications, sidewalk and ADA placement, and adding new subdrain to the road. Jacob was responsible of daily observations, tracking quantities, testing and sampling of materials and plant inspections.

### TH 14 Design-Build Construction Verification (MnDOT D6/Mead & Hunt) – Owatonna, MN

Jacob served in the Bituminous Plant and Concrete Plant Inspector role for this \$108M design-build expansion project that completes the four-lane

roadway segment of TH 14 between Dodge Center and Owatonna, MN. Elements of the project included 2-million yards of excavation, 14-miles of four-lane construction, 5 new bridges and multiple sideroad connections. In addition to his plant inspection duties, Jacob also completed the material certifications for the project while being heavily involved with the material testing duties required of the verification team. MnDOT quality management guidelines for design-build projects were followed of which Jacob has a good understanding.

### US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN

Jacob's role on this \$66 million dollar project was the materials manager for the MnDOT oversight team, with responsibilities that included ensuring that all materials delivered on the project were certified and approved. His duties included material testing, material certifications, and he also completed bituminous and concrete plant inspections throughout the 4-year project duration. Jacob served as an assistant roadway/wall inspector when needed as well. The project involved the replacement of the main river crossing bridge with a new 7-span concrete and steel tub structure along with two other approach bridges; incorporating a buttonhook and lighted intersections to relieve traffic congestion in Red Wing.



10  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Earth Science, Geology  
Minnesota State University-Mankato

Bachelor of Construction Management  
(Minor: Business Administration)  
Minnesota State University-Mankato



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

ADA Construction  
Aggregate Production  
Bituminous Plant Tester  
Bituminous Street Inspector  
Bridge Construction Inspector  
Concrete Field Tester and Inspector  
Concrete Plant Tester  
Grading & Base Tester and Inspector  
Landscape Specialist  
Signal and Lighting  
Concrete Strength Tester

**MDH:** Asbestos Inspector

**OSHA:** 40 Hour HAZWOPER, 10-Hour Safety

**MSHA:** New Miner

**U of M:** Erosion and Stormwater Construction  
Site Manager

**MUCA:** Pipelayers



## CONTACT INFORMATION

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jmichaelson@sehinc.com



[Click here to go back to Jacob's bio](#)

# TREVOR LATZKE

CONSTRUCTION INSPECTOR (ALTERNATIVE) | SEH

Scope of Services **6** **7**

Trevor serves as a Residential Project Representative with SEH. He has been a lead inspector and project manager on roadway, utility and utility repair, trail, retaining wall, and drainage projects. Trevor's Inspection responsibilities include project management, construction design, project oversight, construction inspection, field tests and coordination with public stakeholders.

## EXPERIENCE

### Water St Sanitary Capacity Improvement Project – Saint Paul, MN

This project was located on Harriet Island in St. Paul which consisted of constructing a new lift station, air release & clean out structures and force main which was bored and open cut through contaminated soils. The project also involved reconstructing water, sanitary sewer, storm sewer and the roadway. Trevor served as the lead inspector and preformed special inspections on the lift station structure and coordinated with the contractor and the third-party testing firm to meet the projects testing requirements.

### Sewer Capacity Feasibility Study and Construction, Sewershed D-17/17C – St. Paul, MN

Trevor served as lead RPR for this complex sanitary sewer system project in St. Paul. SEH performed a detailed capacity evaluation and system upgrade feasibility study for the sanitary sewer system within specific districts of the City to prepare for residential development. Flow data from 15 meters across a 260-acre area was used to calibrate a hydraulic model and analyze potential collection system and lift station alternatives. Once construction documents were prepared, construction observation services were provided for the construction of the preferred alternatives.

### Multiple City Owner Land Development Projects – Rochester, MN

Trevor has served as resident project representative on numerous City of Rochester land development projects throughout the City. His responsibilities have included construction observation, construction administration using OneOffice software, project coordination with the City and project closeout procedures. The projects have included:

- Lodge Development
- Mayo 1st Avenue Tunnel
- Century Valley 2nd
- Quality Woods Furniture
- Cassidy Ridge 4th

### Water Main Construction Observation and Admin Services (Shakopee Public Utilities) – Shakopee, MN

As lead RPR, Trevor has been responsible for leading our construction observation team in providing construction oversight of water main construction for multiple development sites within the City of Shakopee. These projects vary in size and complexity based on each development plan. Trevor has served an important role on these projects, using his utility construction observation experience and has provided the detailed record keeping fulfilling the Shakopee Public Utility departments requirements.



**YEARS OF EXPERIENCE**



## EDUCATION

Certificate - APWA Public Works  
University of Minnesota-St. Paul

Diploma - Public Works  
Hennepin Technical College - Eden Prairie, MN



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

ADA Construction  
Aggregate Production  
Bituminous Plant Inspector  
Bituminous Street Inspector  
Concrete Field Tester and Inspector  
Concrete Plant Tester  
Concrete Strength Tester  
Grading & Base Tester and Inspector

### U of M

Construction installer SWPPP  
Design of Construction SWPPP  
Construction Site Manager

**MDH:** Class C Water License,

**MUCA:** Pipelayer Certification

**OSHA:** 10-Hour Safety

**Hamline University:** Utility Management

**American Public Works Association:**  
Underground Utility Inspector



## CONTACT INFORMATION

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tlatzke@sehinc.com



[Click here to go back to Trevor's bio](#)



# NYEMA APPLETON

CONSTRUCTION INSPECTOR (ALTERNATIVE) | SEH

Scope of Services **6** **7**

Nyema is a resident project representative with SEH and his experience includes on-site construction observation, documentation of construction activities and communication with stakeholders for projects with local and state funding. His specific areas of experience include roadway/utility type projects that have involved grading, bituminous and concrete paving, street and utility construction, as well as material testing. He has performed concrete, steel, soil, density, and moisture tests.

## EXPERIENCE

### Water Main Construction Observation and Admin Services (Shakopee Public Utilities) – Shakopee, MN

Nyema is serving as one of our lead RPRs for this watermain installation project. His responsibilities are to monitor and document the DIP water main installation for several developments throughout the City of Shakopee. In the 2023 construction season, there were eight developments monitored. Additional tasks included hydrostatic and conductivity testing, and the inspection of all service lines.

### Street and Utility Improvements (City of Henderson) – Henderson, MN

As an assistant RPR on this street and utility improvement project, Nyema performed utility, roadway, and erosion control inspection. Nyema inspected and documented the installation and compaction of storm sewer, sanitary sewer, and water main. He also inspected and documented the placement of geotextile fabric, aggregate by knowing the source and the classification, and the placement and compaction of the aggregate. Nyema inspected, measured, and documented the placement and installation of bio log, biodegradable blanket, and temporary and permanent seeding for erosion control.

### DePue Avenue Improvement Project – Olivia, MN

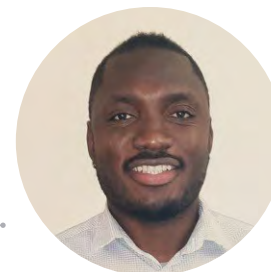
As an assistant RPR for this 18-block, construction project he assisted with the observation of excavation, aggregate base placement, bituminous pavement, curb and gutter, sidewalk, storm sewer pipe installation, sanitary sewer, and water main.

### Street and Utility Improvements (City of Vernon Center) – Vernon Center, MN

As an RPR, Nyema inspected and documented the installation of storm sewer, sanitary sewer, and water main in accordance with the project specification. He also inspected and documented QA density tests for utilities that require testing. Nyema performed roadway inspection by making sure contractors achieved the appropriate cut and fill listed on the lath by the surveyor. He inspected aggregate by knowing the source and the classification and if the aggregate have been tested and meet the requirement of the project specification.

### Metro Green Line Extension (Southwest Light Rail) – Minneapolis and Eden Prairie, MN\*

Nyema worked as a construction inspector on this project that runs from Target Field in Minneapolis to Southwest station in Eden prairie. Nyema performed roadway, retaining wall and bridge inspections. Nyema performed and documented soil testing and documented concrete and steel testing.



**6**  
YEARS OF  
EXPERIENCE



## EDUCATION

Associate  
Civil Engineering Technology  
South Central College - Mankato, MN



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

ADA Construction  
Aggregate Production  
Bituminous Plant Tester  
Bituminous Street Inspector  
Bridge Construction  
Concrete Plant Tester  
Concrete Field Tester and Inspector  
Grading & Base Tester and Inspector

**ACI:** Concrete Field I

**OSHA:** 10 Hours Safety Training

Certified Forklift Operator

Class A Commercial Driver's License



## CONTACT INFORMATION

507.299.5212  
nappleton@sehinc.com

*\* Project completed while with another firm.*



[Click here to go back to Nyema's bio](#)

# KERI AUFDENCAMP CPESC, CESSWI

ENVIRONMENTAL PROJECT REPRESENTATIVE | SEH

Scope of Services **5** **6**

Keri is a senior project scientist who has 22 years of experience managing projects for Minnesota Department of Transportation (MnDOT), a national contractor and a regional consultant under various project delivery methods (design-bid-build, design-build and CMGC). With her breadth of knowledge, Keri helps clients to view the issues from multiple points of view starting in early design through construction completion. She has in-depth, hands-on experience managing hundreds of Phase I and II Environmental Site Assessments (ESAs) for small- and large-scale complex transportation and public works projects. In addition, Keri manages the oversight of contaminated materials through construction and documentation to achieve regulatory closure. Her proactive and collaborative approach helps minimize impacts to schedule and budget.

## EXPERIENCE

**Brooklyn Center Transit Station Asbestos and Regulated Waste Assessment (Metropolitan Council Metro Transit) – Brooklyn Center, MN**  
Environmental scientist who assisted with project management, asbestos and HBM survey. SEH completed an asbestos and regulated waste assessment for the Brooklyn Center Transit Station prior to the building being remodeled. The assessment was conducted by a certified asbestos inspector and consisted of a visual inspection of the building, collecting samples of suspected asbestos containing building materials, documenting all regulated materials and completion of a report documenting the field and analytical findings.

### **Southwest LRT Construction Monitoring (Metropolitan Council Metro Transit) – West Metro Twin Cities, MN**

Project manager who assumed duties after original project manager's retirement. Responsibilities included coordinating field staff, construction meetings, overseeing construction monitoring of contaminated and regulated materials, RAP implementation report, UST discoveries/removals, limited site investigations, well sealing, Phase II oversight, monthly water samples, asbestos

samples, building demolition asbestos oversight and regulated materials check before demolition.

**Gold Line BRT Ph2 ESA (Metropolitan Council Metro Transit) – East Metro Twin Cities, MN**  
SEH worked directly with the Gold Line BRT Project Office to plan boring locations based on Phase I information and preliminary design plans. Phase II involved 122 soil borings, 49 test pits, 8 composite grid samples, 10 hand auger borings, as well as analysis of approximately 240 soil and 19 groundwater samples. SEH compiled the information into three Phase II reports, one RAP and a CCP that were all quickly approved by the MPCA with no substantial comments or revisions. As part of the Phase II, significant addendum work was completed at what is known as the former Johnson Parkway dump. This site consists of large amounts of buried construction debris and hazardous levels of lead. The proposed design for the BRT includes a stormwater pond to be installed at this dump site. The RAP was developed in conjunction with stormwater designers to prepare a protective design and planned remediation of the former dump.



**22**  
YEARS OF  
EXPERIENCE



## EDUCATION

Coursework - Master of Science  
Geology and Water Resources  
Iowa State University-Ames

Bachelor of Science  
Geology and Earth Science  
University of Northern Iowa-Cedar Falls



## REGISTRATIONS/CERTIFICATIONS

### U of M

Construction Installer  
Construction Site Manager  
Design of Construction SWPPP

**OSHA:** HAZWOPER 40-hr, 10-hr Safety

Certified Erosion, Sediment and Stormwater  
Inspector (CESSWI)

Certified Professional in Erosion and Sediment  
Control (CPESC)



## CONTACT INFORMATION

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Click here to go back to Keri's bio

# KEVIN ACCOLA

CSP, ASP, CHMM  
CONSTRUCTION SAFETY OFFICER | SEH  
Scope of Services **4** **6** **7**

Kevin currently serves as SEH's Safety Director, where he leverages his extensive experience related to developing written safety programs, policies and procedures required for OSHA and MSHA compliance. He has worked with startups to develop written safety and training programs where none previously existed, and has worked to build upon existing programs at operating industrial facilities. He is experienced in completing hazard identification and assessment activities at industrial facilities and conducts audits and inspections to assess compliance with regulatory and company standards.

Before focusing on safety and state/federal compliance in recent years, Kevin spent the first part of his career working as an environmental scientist and project manager. In these roles he conducted a wide variety of projects including environmental assessments and audits, environmental investigations and inspections, industrial hygiene, and environmental sampling.

## EXPERIENCE

### Safety Director – St. Paul, MN

Safety director for a 900+ employee engineering/architectural firm with 31 offices in 10 states. Responsible for safety compliance and recordkeeping for all offices.

- Maintain written safety programs and update the programs as necessary for OSHA and MSHA compliance.
- Coordinate employee safety training across all offices.
- Perform required OSHA annual reporting and recordkeeping.
- Complete injury investigations and worker's compensation follow up and reporting.

### Safety Manager – Augusta, WI

Safety manager for a 2 million ton per year frac sand producer. Responsible for auditing compliance at the facility and safety management of all plant employees.

- Developed safety policies/procedures and responsible for enforcement follow up.

- Performed facility audit inspections and safety program compliance reviews.
- Worked through all aspects of injury reporting and investigation following root cause analysis procedures.

### Environmental Health and Safety Manager – Menomonie, WI

EHS manager for a ½ million ton per year specialty frac sand producer. Responsible for environmental compliance at the facility and safety for all plant employees.

- Established all necessary written safety programs based on OSHA standards and MSHA requirements.
- Performed various types of training including new employee, visitor and contractor site specific and annual refresher.
- Completed compliance reporting for the facility.
- Accompanied federal and state inspectors during facility compliance inspections.



**31**  
YEARS OF  
EXPERIENCE



## EDUCATION

Master of Science  
Risk Control  
University of Wisconsin

Bachelor of Science  
Environmental and Public Health  
University of Wisconsin



## REGISTRATIONS/CERTIFICATIONS

eRailSafe

Associate Safety Professional

Certified Hazardous Materials Manager

Certified Safety Professional

**OSHA:** 40-hr HAZWOPER, 30-hr Safety



## CONTACT INFORMATION

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kaccola@sehinc.com



[Click here to go back to Kevin's bio](#)



# CHRIS MUNN PLS

## SURVEY PROJECT LEAD | SEH

Scope of Services **8**

Chris is the lead project surveyor and survey crew coordinator and offers extensive experience in surveying, as well as experience as an assistant project engineer. He has worked on multiple types of survey projects including all aspects of topographic surveys and boundary surveys – both residential and rural. Chris also has experience with ALTA/NSPS land title surveys, FEMA elevation certificates, right-of-way platting, commercial platting and construction preparation and staking of building/commercial sites, transportation projects, bridges, municipal projects, and land development projects.

### EXPERIENCE

#### 2nd Street Southwest Reconstruction, Phase II – Rochester, MN

Land surveyor responsible for overseeing the topographic survey of the existing street and then the construction staking of streets and underground utilities. From conceptual planning to final design, SEH worked with the City of Rochester to generate a welcoming, vibrant streetscape for the 2nd Street SW corridor gateway to downtown Rochester. The fundamental goal of the project was to create a more inviting, aesthetically pleasing corridor that would provide users with improved safety and comfort and provide a Complete and Green street. This 10-block concrete paving project included retaining walls, sanitary sewer, water main, storm sewer, streetscaping, lighting, curb and gutter, and sidewalk construction. SEH received the 2013 Minnesota Engineering Excellence – American Council of Engineering Companies (ACEC) Grand Award for the design of this project.

#### 1st Street Plaza – Rochester, MN

Land surveyor responsible for overseeing the topographic survey and construction staking. This \$2 million project included an extensive concept design process involving the City of Rochester, Downtown Business Alliance, Mayo Clinic, Emergency Services and others to collaborate and

agree on a project design concept. The project involved vacating an existing street and creating a 2-block area to serve as a pedestrian plaza and primary venue for outdoor civic and entertainment events. There is also a multitude of custom features including pre-cast architectural concrete, unique light towers, specialty effects lighting and audio and water fountain.

#### Mayo 1st Ave Tunnel (The Boldt Company) – Rochester, MN

This project was to build pedestrian, utility and service tunnels between the new Mayo RMC loading dock, the Jacobsen Building and the Eisenberg Building. The project consisted of 625 feet of cut and cover tunnel along with new storm sewer and relocated water main plus street restoration. As project surveyor and crew coordinator, Chris developed the staking package and oversaw the staking of sheet piling, sanitary and storm sewer, curb and gutter, the new tunnel. Also oversaw the monitoring of an existing tunnel to ensure there was no settlement as the new construction went underneath of it.



**31**  
YEARS OF  
EXPERIENCE



### EDUCATION

Bachelor of Science  
Civil Engineering (Options: Construction and  
Transportation Engineering)  
Michigan Technological University-Houghton



### REGISTRATIONS/CERTIFICATIONS

Professional Land Surveyor in MN

**FHWA National Highway Institute:** Safety  
Inspection of In-Service Bridges I and II

**OSHA:** 10 Hour Safety



### CONTACT INFORMATION

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[Click here to go back to Chris's bio](#)

# KENNETH BUSH

BUSINESS ACCESS MANAGER (ALTERNATIVE) | BUSH COMPANIES

Scope of Services **4** **6**

Kenneth is a project manager and planner that has utilized his community engagement skillset in the areas of construction management, economic development, and real estate controls. He has worked with developers for over 20 years as a point of contact for civil engineering, design and general construction firms in the areas of regulatory access and traffic controls by communicating with both business and building owners, regulatory officials during construction and real estate acquisition.

## EXPERIENCE

### City of Rochester Quarry Hill Parking Lot Replacement – Rochester, MN

Responsibilities included communication with staff and visitors related to entry and access.

### Highway projects include:

- Hwy 61 – Wabasha to Winona, MN
- Hwy 61 – Red Wing to Lake City, MN
- Hwy 43 – Rushford, MN
- Hwy 14 – Rochester to Chester, MN
- Hwy 60 – Mazeppa to Zumbro, MN
- Hwy 35 – Faribault, MN
- Hwy 218 – Owatonna, MN
- Interstate I-90 – Stewartville, MN

### Municipal clients include:

- City of Rochester, MN
- City of Winona, MN
- City of Lanesboro, MN
- City of Rushford, MN
- City of Wabasha, MN
- City of Northfield, MN

Other City of Rochester projects that required access point communication public safety and traffic control are:

- Rochester Public Utilities
- Rochester Police Parking Lot
- Viola Road Roundabout
- Mayo Run Storm Sewer
- Northern Hills Golf Course Driveway Replacement

**Kenneth has extensive experience with project planning, review and reconciliation, and the mediation process with owners, contractors, and stakeholders.**



**20**  
YEARS OF  
EXPERIENCE



## EDUCATION

Graduate Certificate  
Economic Development  
Hamline University

University of Minnesota:  
Project Management Certificate  
Erosion Control and Stormwater  
Management Certificate

University of St. Thomas:  
Mini MBA (Real Estate), Professional Degree in  
Commercial Real Estate Development

Associate  
Advertising Design  
Brown Institute



## REGISTRATIONS/CERTIFICATIONS

### U of M

Project Management Certificate  
Certificate Erosion Control and  
Stormwater Management

### MnDOT

Certified Traffic Control Flagging  
Traffic Control Trainer  
Right of Way Agent-in-Training



## CONTACT INFORMATION

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bushcompanies@gmail.com



[Click here to go back to Kenneth's bio](#)

# SCOTT SAMUELSON PE

TEAM AND QUALITY MANAGER | SEH

Scope of Services



Scott is a Principal with the firm and serves as Practice Center Leader for the Construction Services, Surveying, and Right-of-Way practices while working with clients and staff in Minnesota, North Dakota, South Dakota and Iowa. Scott's specific areas of expertise include construction administration and observation, surveying, transportation engineering, structural, traffic, and right-of-way services. His work encompasses over three decades of improving transportation infrastructure throughout the Upper Midwest and his background includes many years of project management and design on state, county and local projects of all sizes and types. Scott has been responsible for QA/QC management services for over 30 years.

## EXPERIENCE

### I-694/Rice Street Interchange Construction (Ramsey County) – Shoreview, MN

Principal-in-charge and quality manager for the ongoing \$23 million construction project for Ramsey County. Scott was responsible for quality assurance and provided additional value added services to Ramsey County and the project team throughout the project duration. The construction converted the existing diamond interchange into an offset, single point interchange. Four existing signal systems were replaced with three roundabouts at the single point ramp connections. Overall, the project vastly improved the economic development in the area and dramatically improved pedestrian facilities.

### US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN

Project manager and principal-in-charge for this four year, \$66 million Mississippi River Bridge replacement in Red Wing. The project construction services were a coordinated team effort with MnDOT and SEH, where SEH also had six subconsultant firms. Scott's responsibilities included finding and securing team members, monitoring and meeting staffing requirements, coordination with MnDOT and subconsultants, and all project management duties including monthly invoices and progress reports.

### 2nd Street Reconstruction Phase I, II and III – City of Rochester, MN

Principal in charge for all three phases of the project in the heart of downtown Rochester. Scott's specific responsibilities included leading a multi-disciplined project team through all phases including conceptual phase, public involvement, preliminary and final design and preparation of construction plans and specifications.

### Link Rapid Transit – Rochester, MN

Principal and quality manager for this 2.8 mile bus rapid transit (BRT) route along 2nd Street SW in downtown Rochester. This project includes seven stations and 12 platforms that runs along the corridor, impacting over 40 parcels. Scott is responsible for overseeing SEH's quality program for the project.

### CSAH 22 (TH 112 Turn-Back) Construction Administration – Le Sueur County, MN.

Quality manager for this 11-mile turn-back segment of TH 122. SEH provided the construction administration and observation for this two-year construction project. Scott is responsible for performing quality assurance audits to ensure quality deliverables are being provided. He is also responsible for contractual items and monthly invoicing.



38  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Science  
Civil Engineering  
University of Wisconsin-Platteville

Associate of Arts  
Civil Engineering Technology  
Rochester Community College



## REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, IA, and WI

OSHA: 30-hour Safety



## CONTACT INFORMATION

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Click here to go back to Scott's bio



# JUSTIN BOSSERT

QUALITY MANAGER | PE SERVICES

Scope of Services **5** **6** **7** **9**

With 15 years of heavy civil and transportation experience, Justin's responsibilities include quality management, QA/QC processes, contract administration, change management, estimating, Critical Path Method (CPM) schedule review, and construction claims analysis. Utilizing PrimaveraP6, Justin is experienced in building contract time determination schedules, building construction schedules for contractors, performing detailed schedule review, and construction claims analysis for owners with various levels of complexity. He specializes in reviewing and building construction schedules for complex interchange reconstruction project and projects that encounter geotechnical and groundwater constraints. He has created and maintain over 40 construction schedules for contractors throughout Minnesota and has worked in every MnDOT District.

## EXPERIENCE

### TH 23 North Gap Expansion (MnDOT D3) – Spicer, MN

Justin is the CPM schedule review task lead for the 5 mile, two to four lane expansion project in western Minnesota. His tasks include detailed preliminary and baseline reviews, monthly schedule reviews, Time Impact Analysis reviews, and construction claims support. Additional responsibilities include negotiation and preparation of change orders for the MnDOT team.

### TH 52 Reconstruction DB (Mndot D6) – Zumbrota, MN

Justin is the quality manager and CPM schedule review task lead for the 13-mile, full concrete reconstruction of TH 52 from Cannon Falls to Zumbrota, MN. Additional work includes the construction of a new interchange, four bridges, three box culverts, and noise walls. His tasks include detailed preliminary and baseline reviews, monthly schedule reviews, Time Impact Analysis reviews, and construction claims support.

### Gold Line BRT Project (Metropolitan Council) – St. Paul, MN

Justin performed an independent technical review and performed constructability review of the construction schedule at the 30% design milestone and determined project risks and made recommendations to the design team to mitigate

constructability risks. This planned 10-mile dedicated Bus Rapid Transit (BRT) line will connect Saint Paul and Woodbury and will be Minnesota's first BRT line that will operate primarily within bus-only lanes.

### SH 20 Reconstruction (TxDOT) – El Paso, TX

As a part of the TxDOT CE&I team, Justin performed claims analysis on multiple contractor claims for this project that reconstructed five miles of SH 20 in El Paso, TX. After a thorough review of the contract documents and claims, it was apparent the Contractor was quantifying additional time by counting concurrent delays. The contractor initially submitted a claim for an additional 244 working days, and after review, only 44 days were justified. The contractor accepted the 44-day working day extension presented by the TxDOT CE&I team.

### IH 610 Reconstruction (TxDOT) – Houston, TX

Justin is working on the TxDOT CE&I team performing CPM schedule review for this interchange reconstruction of IH 610 on the south loop of Houston which includes 1.5 miles of new 10-lane concrete pavement, drainage improvements and eight interchange bridges. Scheduling on this project included challenging geotechnical, groundwater, and environmental conditions.



15  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Science  
Construction Management  
North Dakota State University



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

ADA Construction Inspection  
Aggregate Production  
Bituminous Street  
Bridge Construction  
Concrete Field Tester and Inspector  
Grading and Base Tester and Inspector  
Signals and Lighting  
Landscape Specialist

**U of M:** Construction Site Manager

**OSHA:** 10-hour

Primavera Project Management

Trauner Claims Analysis



## CONTACT INFORMATION

952.456.6707

justin.bossert@peservicesmn.com



Click here to go back to Justin's bio

# CURT SOHN PSP, PMP

## PROJECT IMPLEMENTATION AND PROJECT CONTROLS SPECIALIST | SRF

Scope of Services **3** **4**

With 27 years of project management, cost estimating, scheduling, and risk management experience on transit, facility, and infrastructure projects, Curt leads SRF's project controls practice. He has worked as both a consultant and contractor on a wide range of challenging transportation projects and has extensive experience with cost estimating software, Primavera P6, and risk analysis software. Curt has developed cost estimates and schedules for multiple transportation and public works projects, in excess of \$1 billion in value. He also draws on his background as a contractor to provide informed reviews of staging and constructibility, working in collaboration with design teams.

### EXPERIENCE

#### Southwest Light Rail Transit (Metropolitan Council) – Twin Cities, MN

Curt is leading a team of estimators developing change control estimates during construction. Early in the project, Curt set up the estimate structure and parameters for the baseline estimate and assisted with the development of the Systems Contract Engineer's Estimate.

#### Bus Rapid Transit (City of Rochester) – Rochester, MN

As project controls manager for the first BRT line in Rochester, he developed the cost estimate format, master program schedule, and is leading the risk management process. He developed a CPM construction time determination schedule that is integrated into the master schedule.

#### North-South BRT (Town of Chapel Hill) – Chapel Hill, NC

Curt was the project controls manager. He was responsible for leading risk management, master schedule management, production-based cost estimating, and supporting FTA reporting.

#### Southern Avenue BRT (City of Raleigh) – Raleigh, NC

Servin as project controls manager, Curt is leading risk management, master schedule management,

production-based cost estimating, and supporting FTA reporting.

#### Western Avenue BRT (City of Raleigh) – Raleigh, NC

Curt was the project controls manager. He led risk management, master schedule management, production-based cost estimating, and supported FTA reporting.

#### New Bern Avenue BRT (City of Raleigh) – Raleigh, NC

Lead scheduler and risk manager who led reviews of the cost estimates developed by design and built out the FTA SCC workbook. Curt also led the critical path method master program schedule for the City of Raleigh's first BRT line. He developed CPM construction time schedule to assist in staging/phasing and determine construction timeframe. Curt is also serving as the risk manager and is leading the risk identification, risk analysis, and risk review with the FTA/PMOC.

#### Franklin O&M Facility Modifications (Metropolitan Council) – Minneapolis, MN

Curt coordinated the development and submittal of 130 independent cost estimates for changes during construction. The scope of changes included civil, track, systems, and building components. He also assisted Council staff with review of contractor change estimate scope.



**27**  
YEARS OF  
EXPERIENCE



### EDUCATION

Bachelor of Science  
Business Administration and Construction  
Management  
Mankato State University,



### REGISTRATIONS/CERTIFICATIONS

Planning and Scheduling Professional (PSP),  
AACE International

Project Management Professional (PMP), Project  
Management Institute



### CONTACT INFORMATION

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[Click here to go back to Curt's bio](#)

# TINA McLAUGHLIN

BUSINESS ACCESS AND ADMINISTRATIVE SUPPORT | SEH

Scope of Services **4** **6**

Tina is a leader in our right of way team and serves as a right of way specialist completing all right of way needs for utility, highway, airports, and other various project types. She has experience completing property tax search and field title reports, presenting purchase offers, completing negotiations, preparing documents and providing project status updates. Tina's experience also includes contract administration, including preparation of contract documents, project reports, bid advertisements, change orders, and supplemental agreements.

## EXPERIENCE

### Link Rapid Transit – Rochester, MN

Right of way specialist for this 2.8 mile bus rapid transit (BRT) route along 2nd Street SW in downtown Rochester. This project includes seven stations and 12 platforms that runs along the corridor, impacting over 40 parcels. Tina is responsible for field title reports, market data collection, document preparation, right of way design changes with City and design staff, working with appraisers, preparing offer packets, and negotiating with property owners. She is also responsible for coordinating with City staff to ensure the project and project documentation is following FTA guidelines.

### 2nd Street Southwest Reconstruction, Phase II – Rochester, MN

Administrative assistant responsible for preparation of contract documents for this street reconstruction project in the heart of downtown Rochester. From conceptual planning to final design, SEH worked with the City of Rochester to generate a welcoming, vibrant streetscape for the 2nd Street SW corridor gateway to downtown Rochester. The fundamental goal of the project was to create a more inviting, aesthetically pleasing corridor that would provide users with improved safety and comfort and provide a Complete and Green street. This 10-block concrete

paving project included retaining walls, sanitary sewer, water main, storm sewer, streetscaping, lighting, curb and gutter, and sidewalk construction. SEH received the 2013 Minnesota Engineering Excellence – American Council of Engineering Companies (ACEC) Grand Award for the design of this project.

### CSAH 60 (185th Street) Roundabout and Street Extension Final Design – Lakeville, MN

Providing an important access to schools, new residential developments, and the nearby Lakeville Fire Station, this project was vital in creating an enhanced transportation and multimodal connection in this part of the City. The 185th Street extension is a two-lane divided urban roadway including pedestrian trails along both sides, two precast box culvert pedestrian tunnels, and a new single lane roundabout at the intersection of Highview Avenue. As right of way specialist, Tina was responsible for reviewing ownership and encumbrance reports, field title investigations, communication with property owners, presenting offer packets, and completing negotiations as needed.



**16**  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Science  
Business Management  
Minnesota School of Business

Associate of Applied Science  
Business Administration  
Minnesota School of Business



## REGISTRATIONS/CERTIFICATIONS

Resident Real Estate Salesperson in MN  
Notary Public in MN



## CONTACT INFORMATION

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tmclaughlin@sehinc.com



[Click here to go back to Tina's bio](#)



# JASON WOODHOUSE AIA, LEED AP®

VERTICAL AND ARCHITECTURAL STRUCTURES PROJECT REPRESENTATIVE  
SUPPORT | CRW

Scope of Services **1** **5** **6** **9**

Jason serves as a principal for CRW architecture + design group. He is an experienced architect with more than 23 years of experience. He has been involved in all phases of project development including design,

project management, construction administration, and sustainable design.

## EXPERIENCE

Jason has diverse experience in civil, commercial and education projects. His recent project experience includes:

### Civil Projects

- 2nd Street Bus Shelters – Rochester, MN
- Minnesota Masterpiece Hall – Winona, MN
- Eyota Highway Shop (Olmsted County) – Eyota, MN
- Waste to Energy Facility (Olmsted County) – Rochester, MN
- Lake Zumbro Hydrodam Building Restoration (Rochester Public Utilities) – Rochester, MN
- Government Center Data Center Upgrades (Olmsted County) – Rochester, MN
- Courthouse HVAC Upgrade (Dodge County) – Mantorville, MN
- Government Center Fire Alarm Upgrade (Olmsted County) – Rochester, MN
- Sheriff's Office Remodel (Olmsted County) – Rochester, MN

### Commercial Projects

- F & M Bank Branch – Rochester, MN

- Macken Reception Hall – Rochester, MN
- Byron Funeral Home & Crematorium – Byron, MN
- Charter Communications Office, Rochester, MN
- Charter Communications Call Center – Rochester, MN
- Charter Communications Warehouse – Rochester, MN
- Macken Funeral Home – Rochester, MN
- C.O. Brown Insurance Agency Fit-Up – Rochester, MN
- Carpenters Training Center – Rochester, MN
- Cardinal of Minnesota – Rochester, MN
- KM Telecom Addition – Kasson, MN
- 19th Street Commercial Center – Rochester, MN

### Education

- New Harriet Bishop Elementary (ISD #535 Rochester Public Schools) – Rochester, MN
- New Overland Elementary (ISD #535 Rochester Public Schools) – Rochester, MN
- New Longfellow Elementary (ISD #535 Rochester Public Schools) – Rochester, MN
- Dakota Middle School (ISD #535 Rochester Public Schools) – Rochester, MN



**23**  
YEARS OF  
EXPERIENCE



### EDUCATION

Bachelor of Architecture  
North Dakota State University-Fargo

Bachelor of Science in Environmental Design  
North Dakota State University-Fargo



### REGISTRATIONS/CERTIFICATIONS

Professional Architect in MN and IA

USGBC LEED® AP  
Accredited Professional

National Council Architectural Registration  
Board Certificate



### CONTACT INFORMATION

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jwoodhouse@crwarchitecture.com



Click here to go back to Jason's bio

# NATE McLAUGHLIN

UTILITY COORDINATION | SEH

Scope of Services **2** **5** **6**

Nate is a resident project representative (RPR) and engineering technician specializing in a number of activities including construction inspection, CADD implementation, and surveying. For construction inspection, his expertise lies in major roadway/street and bridge construction. Nate's main responsibilities include construction observation, testing, and providing detailed documentation of construction activities. He is certified in most inspection categories for both Minnesota and Wisconsin.

## EXPERIENCE

### Mayo 1st Ave Tunnel (City of Rochester MN) – Rochester, MN

Nate served as the lead designer and point of contact with the contractor in charge of the design-build project. The project consisted of three new cast in-place tunnels constructed and integrated into new and existing buildings in downtown Rochester. Nate was responsible for the design of the utilities adjacent to the tunnel and served as an integral part of the construction team.

### TH 63 Upgrades (City of Rochester) – Rochester, MN

Preliminary and final design for upgrades to TH 63 on the south side of Rochester to freeway status, including additional interchanges at 40th and 48th Streets. Nate's responsibilities included preparation of the geometric layout, determination of construction limits and assistance with plan preparation of the 781 sheet plan set. This \$29 million project resulted in major impacts to existing public utilities in the corridor. The corridor included both trunk line sanitary sewer and large diameter water main arterials that are critical to their respective systems. Given the nature of these lines, extensive coordination and review of the utility design was required with the City of Rochester.

### US 63 Mississippi River Bridge (MnDOT District 6) – Red Wing, MN

Resident project representative that assisted with the construction observation on the \$66 million Mississippi River Bridge replacement. The project included the replacement of the main river bridge between Minnesota and Wisconsin as well as extensive approach construction on the Minnesota side in downtown Red Wing, MN. Nate served on the project for a 3-month time period during the 2018 construction season when workload demands were at their highest, focusing on the Wisconsin and Minnesota approach roadway inspection.

### 6th and 7th Avenue NW (City of Rochester) – Rochester, MN

Design technician for the project that consists of 14 blocks of reconstruction with the installation of a new storm trunk line and sanitary sewer interceptor to redirect and divert flow on the west side of downtown from flowing into downtown and eliminating two sanitary syphons. The roadway designs include a mix of concrete and bituminous pavements.



**21**  
YEARS OF  
EXPERIENCE



## EDUCATION

Associate of Science  
Civil Engineering  
Rochester Community and Technical College -  
Rochester, MN



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

Aggregate Production  
Bituminous Street Tester and Inspector  
Bridge Construction Tester and Inspector  
Concrete Field Tester and Inspector  
Grading and Base Tester and Inspector

**U of M:** Construction Site Manager

**OSHA:** 10-Hour Safety



## CONTACT INFORMATION

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nmclaughlin@sehinc.com



[Click here to go back to Nate's bio](#)

# JOSH TARBELL PE

PRE-CONDITION SURVEY LEAD | SEH

Scope of Services **5**

Josh is a project engineer primarily involved in the structural engineering of bridges, culverts, and retaining walls. He has been involved in structural design, preliminary design, hydrological and hydraulic design, permitting, construction inspection, and inspection of in-service bridges. Josh has served as design engineer and project manager for numerous bridge, culvert, and retaining wall projects, as well as inspections in the states of Missouri, Iowa, Kansas, Nebraska, Minnesota, and Wisconsin.

## EXPERIENCE

### **West Bend Riverwalk - Preconstruction Private Assessment Survey (City of West Bend) – West Bend, WI**

Conducted pre-construction building condition assessments to document conditions of 26 privately owned buildings on behalf of the City of West Bend. The City planned to construct a Riverwalk along the Milwaukee River that included pile driving and other high impact construction activities directly behind two blocks of the City's Historic Downtown area. Assessments included modern pre-cast concrete building, to historical wood framed buildings with stone foundations.

### **New Horizon Co-op Condition Assessments (New Horizon Cooperative) – Britt, Iowa**

Provided annual condition assessments of nine large structures totaling over 300,000 square feet. Structures consist of multiple two-level wood framed structures and a large single level processing facility. Documented existing conditions to provide assessment to building owner and their insurance company.

### **Residential Pre-Construction Condition Assessment (Matt Prigge) – Rochester, MN**

Conducted a pre-construction condition assessment of single family residence prior to planned roadwork adjacent to the property. Evaluated existing CMU

basement walls and wood framing and provided homeowner with a report, photos and crack map to document existing conditions for comparison with post construction conditions.

### **Condition Assessment Analysis (Fargo Public Schools) – Fargo, ND**

Assisted Fargo Public Schools to evaluate existing structural conditions of all district owned facilities as they planned for a significant construction and redistricting program. Buildings evaluated including schools, maintenance/operations buildings, support buildings, a performing arts center and athletic facilities. Structures types evaluated included conventional wood framing, glu-lam wood structures, steel frames, precast concrete, modern reinforced concrete masonry and historical masonry un-reinforced multi-wythe masonry.

### **Condition Assessment and Monitoring (Round Lake/Brewster School District #2907) – Brewster, MN**

Our involvement began with an evaluation of cracks observed in masonry walls at the basement level of a 100 year old school building. After determining masonry walls were in a state of failure due to long term moisture exposure, SEH prepared an shoring plan and conducted an ongoing monitoring program to allow the building to continue to be used while an replacement school was designed and constructed.



**21**  
YEARS OF  
EXPERIENCE



## EDUCATION

Master of Science  
Civil Engineering  
University of Kansas-Lawrence

Bachelor of Science  
Civil Engineering  
Iowa State University-Ames



## REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, FL, IA, MI, MN, MO, NE, NJ, OH

### **MnDOT**

Bridge Inspection Team Leader

**FHWA National Highway Institute:** Safety  
Inspection of In-Service Bridges,



## CONTACT INFORMATION

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jtARBELL@sehinc.com



[Click here to go back to Josh's bio](#)

# JOSHUA KYLANDER

LABORATORY TESTING LEAD | BRAUN INTERTEC

Scope of Services **7**

Josh is responsible for high level management and the operations of the laboratory, which includes coordinating the day-to-day operations and personnel in all lab departments which includes, asphalt, concrete, cementitious, petrographic, geotechnical, aggregate, and the proctor labs. Additional duties include personnel management, process creation and approval, monitoring training, performance reviews and goal setting, monitoring, and controlling expenses and budgets.

Josh started in the geotechnical lab as a lab testing technician. He was in this role for six years before becoming assistant lab manager for three years, then becoming the lab manager.

## EXPERIENCE

**Josh has conducted geotechnical testing for the following projects:**

- Southwest Light Rail, Metropolitan Council, MN
- Spiritwood Fertilizer Plant, CHS, ND
- Insight Rover, NASA Jet Propulsion Laboratory
- Fargo Moorhead Area Diversion, The Diversion Authority, ND
- Red Rock Hydroelectric Dam, Pella, IA
- CAPX2020, Xcel Energy, Otter Tail Power, Great River Energy, MN
- Pioneer Prairie Wind Farm, IA
- MSP Airport, Bloomington, MN
- Amazon Fulfillment Center, Shakopee, MN
- Carver Interceptors, Carver, MN
- Redwing Correctional Facility, Redwing, MN
- Wal-Mart, Waukesha WI, Grimes IA, Sartell, MN
- USPS, Eagan, MN
- US Bank Stadium, Minneapolis, MN
- Hastings Bridge, Hastings, MN
- Loring Park, Minneapolis, MN
- Target Field, Minneapolis, MN
- 169/494, Minneapolis, MN
- Central Corridor Light Rail Transit, Minneapolis and St. Paul, MN
- Heritage Square, St. Paul, MN
- CHS Field, St. Paul, MN



**BRAUN**  
INTERTEC

5

YEARS OF  
EXPERIENCE



## EDUCATION

A.A.S., Civil Engineering Technology  
Dakota County Technical College-Rosemount, MN

B.S., Business Administration  
Metropolitan State University-St. Paul, MN

Quality Geotechnical Lab Testing Course,  
University of Missouri, Rolla  
Department of Civil Engineering



## REGISTRATIONS/CERTIFICATIONS

### MnDOT

Aggregate Production  
Grading and Base Tester

**NICET Certified:** Construction Materials Testing/  
Soils/Level I

**ACI:** Concrete Strength Testing Technician Level I  
Hazard Communications Certified



## CONTACT INFORMATION

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Click here to go back to Joshua's bio



# KIMBERLY DEIBEL PE

VIBRATION MONITORING LEAD | BRAUN INTERTEC

Scope of Services **5**

Ms. Deibel joined Braun Intertec in 2020 as the Structure Sciences Technical Manager for our building and structure sciences group. Kim has over 20 years of experience as a senior engineer and project manager. Her experience ranges from the structural engineering of curtainwall for high-rise structures, site investigation of storm-damaged structures and assessments of historic buildings. She has been involved in both engineering and project management, including design, calculation and specification development, client and team member coordination, scheduling, budgeting, and task management. Kim has experience with the design and investigation of different types of building materials that include wood, steel, masonry, concrete, aluminum, and multi-wythe brick. Her experience also includes review and investigation of leaks in building facades and special inspection of firestop and post installed anchors.

## EXPERIENCE

### Eagle Crest Assisted Living, Roseville, MN

Senior engineer and project manager responsible for the non-destructive testing and condition assessment of the roof above the boilers. Engineer of Record for the design documents of the beam repairs.

### Stillwater Correctional Facility, Building 21, Stillwater, MN

Senior engineer responsible for the condition assessment and material testing of the structure at the skylights. Engineer of Record for the design documents of the skylight infills.

### Coachman Oaks, Eagan, MN

Senior engineer and project manager responsible for the non-destructive testing and condition assessment of the underground parking area and the decks.

### Multiple Insurance Claims, MN

Senior engineer responsible for completing structural condition assessment of structures which experienced a claim event. Events range from storm damage, fire damage, and structure collapse.

### Multiple Concrete Parking Structures, MN

Senior engineer responsible for Type 1 and Type 2 Parking Garage condition assessments which include visual assessment, destructive testing, and non-destructive testing.

### City of Minneapolis Vibration Monitoring and PCCS for Road Improvement Projects, Minneapolis, MN\*, Roseville, MN

Project engineer responsible for the Pre- and Post Construction Condition Surveys for nearby structures or houses in close proximity of the road construction as well as vibration monitoring activities at the respective during road reconstruction.

\*While employed by another firm.



**BRAUN**  
INTERTEC

**20**  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Science  
Civil Engineering  
Michigan Technological University



## REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, IA, ND, SD, WI  
**OSHA:** 30-Hour Safety and Health  
FenestrationMaster Professional Certification



## PROFESSIONAL ASSOCIATIONS

ICRI Minnesota Chapter  
Minnesota Structural Engineers Association



## CONTACT INFORMATION

651.245.3876  
kdeibel@braunintertec.com



Click here to go back to Kimberly's bio

# NATASHA BROWN

PUBLIC ENGAGEMENT SPECIALIST | EDEN RESOURCES

Scope of Services **6**

Natasha works in business operations, project administration, and affiliate team divisions. Post-collegiate studies, Natasha joined the firm as a business and project administrator. She works with senior managers providing critical organizational support for core projects, various programs, clientele, and the team at large. She is effective, skilled, and works successfully with varied technical teams as the conduit for clear communication. While her project specific roles vary, Natasha is often the Community Engagement Liaison for both design and construction projects. She is an essential team member to moving deliverables forward to meet client goals. Natasha is a detailed professional who enhances the quality of services with project partners and team affiliates.

## EXPERIENCE

As a public engagement specialist Natasha regularly interfaced with project stakeholders. Many times this meant attending and facilitating public outreach campaigns and events. Examples of her work while with another firm include:

**Pillsbury United/Justice Built – Minneapolis, MN**  
Natasha served as the project administrator.

**Hiawatha Public Works - MFE – Minneapolis, MN**  
Natasha provided communications and public engagement for this campus expansion project.

**Roseville Civic Center Campus – Roseville, MN**  
Natasha served as the community engagement lead

**The Man Up Club – Minneapolis and St. Paul, MN**  
Natasha provided programs administration and community support.

**Natasha's relevant experience includes both design and construction projects, and experience in various types of engagement methods.**



**4**  
YEARS OF  
EXPERIENCE



## EDUCATION

Master of Science  
Sports Exercise Science  
West Texas A&M University

Bachelor of Science  
Kinesiology  
University of North Dakota

Bachelor of Arts  
French  
University of North Dakota



## REGISTRATIONS/CERTIFICATIONS

OSHA 10-Hr Safety  
AED and CPR Certified



## CONTACT INFORMATION

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natasha@edenresources.com



Click here to go back to Natasha's bio

# DOUG HOLMBERG PE, CPE

PROJECT CONTROLS AND PROJECT IMPLEMENTATION SPECIALIST | PPM

Scope of Services



Doug is a registered professional civil engineer and a registered professional construction cost estimator with the American Society of Professional Estimators (ASPE) and certified under all 16 CSI Divisions. Doug's diverse experience spans 47 years as a construction manager of commercial, energy, industrial, institutional, mining, hospitality, multi-housing, retail, mixed-use development construction; government contracting; and environmental related construction. Doug has personally estimated the construction cost of more than \$14.4 billion worth of construction and personally managed the design and construction of projects totaling more than \$1 billion.

## EXPERIENCE

- Allianz North American Headquarters – Minneapolis, MN
- Allied Signal – Kansas City, KS and Panama City, FL
- FEMA – US Virgin Islands, Alaska, and Puerto Rico
- Freeport McMoRan Copper and Gold – DRC, Africa
- Gasification Engineering Corporation – Lima, OH
- Global Energy, Inc. – Cincinnati, OH
- JACOBS Engineering - CDM Smith - CCPRS - CH2M
- Johnson Controls – Hudson, WI
- Protein Design Labs – Minneapolis, MN
- Unisys Corporation Data Center – Eagan, MN
- USA Synthetic Fuel – Cincinnati, OH
- Xcel Energy – Nationwide

## OTHER EXPERIENCE

- Project Engineer, US Army Corps of Engineers
  - Experienced in natural disaster preparedness, damage mitigation, recovery, rebuilding
  - Government Contracting: USACE, EPA, etc.
- Field based / On-Site: construction coordinator, sr. Construction manager, superintendent, project controls, professional cost estimator
- Insurance claim shield or Sword Expert representing commercial, industrial or residential victims; public entities, A-E firms and contractors
- Expert witness in the areas of construction management claims and construction costs-damages-repairs-replacement reconstruction
- Expert professional cost estimator



**47**  
YEARS OF  
EXPERIENCE



## EDUCATION

Master of Business Administration  
St. Thomas University

Bachelor of Science  
Civil Engineering w/ dual degree options in  
Construction Engineering & Environmental  
Engineering  
University of Wisconsin-Platteville



## REGISTRATIONS/CERTIFICATIONS

Professional Engineer in WI

Certified Professional Construction Cost  
Estimator, American Society of Professional  
Estimators (ASPE)



## CONTACT INFORMATION

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Click here to go back to Doug's bio

# ROSS JENTINK PE

PROJECT CONTROLS AND PEER REVIEW SPECIALIST | PE SERVICES

Scope of Services **1** **3** **5**

Ross has 21 years of transportation and construction experience. His expertise includes scheduling, contract management, estimating, change management and document control services. Ross has 10 years of experience managing contract changes and CPM schedules and has worked on 15 design-build projects and 4 CMGC projects. He understands complex project delivery, contractor style estimating, schedule management including production rates, staging, and sequencing for construction, critical to the successful management of Mega projects. Ross also has 8 years of traffic and design experience understanding the full project delivery process.

## EXPERIENCE

### **Blatnik Bridge Project: Project Management and Financial Plans (MnDOT – District 1) – Duluth, MN**

Ross was responsible for the development of an approved Federal Highway Administration (FHWA) Project Management Plan (PMP) and Project Financial Plan (FP) for the Blatnik Bridge Reconstruction/Rehabilitation Project to provide an Interstate highway connection across the St. Louis Bay that does not restrict the movement for freight and provides local, regional, and international movement in a reliable and efficient manner. Ross is the quality control manager responsible for reviewing submittals to ensure compliance with the State's Quality Management Process (QMP). The basic format for quality certification includes checking, back checking, and verifying format in accordance with FHWA Major Project Management Plan (PMP).

### **Metro Blue Line Light Rail Extension Project (Metropolitan Council) – Minneapolis to Brooklyn Park, MN**

The METRO Blue Line Extension will operate on 13.4 miles of track connecting downtown Minneapolis to the communities of North Minneapolis, Robbinsdale, Crystal, and Brooklyn Park. This light rail project will provide transit improvements in the highly traveled

northwest area of the Twin Cities metro region and a one-seat ride from Brooklyn Park to MSP Airport and Mall of America. The project provides an opportunity to invest in BIPOC communities and reduce regional disparities. Ross leads the risk management and estimating process providing support of estimating coordination, design, and risk workshop and risk register processes.

### **Gold Line Bus Rapid Transit (Metropolitan Council) – St. Paul, MN**

METRO Gold Line Bus Rapid Transit (BRT) will connect people across the region to job centers, housing options, transit stations and key destinations in the Interstate 94 corridor. The planned 10-mile BRT line will connect St. Paul, Maplewood, Landfall, Oakdale, and Woodbury generally along I-94. Gold Line will be Minnesota's first BRT line that operates primarily within bus-only lanes. These lanes are dedicated only to transit buses and will be constructed generally north of and near I-94. Ross led the CPM schedule review and contract time determination verification.



**21**  
YEARS OF  
EXPERIENCE



## EDUCATION

Bachelor of Science  
Civil Engineering  
University of Minnesota



## REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN and TX  
MnDOT Project Scheduling Prequalified Level 1, 2, 3  
Project Management Primavera  
(Oracle Certified)  
Advanced Project Management in Primavera  
(Oracle Certified)  
MnDOT Design Bid Build Quality Management  
Process Training  
MSPE Engineers Leadership Institute  
(Project Management)



## CONTACT INFORMATION

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ross.jentink@peservicesmn.com



Click here to go back to Ross's bio



# ELIA AYAZ

## DOCUMENT CONTROL SUPPORT | PE SERVICES

Scope of Services **3**

Elia is a document and office manager with a wide variety of experience in the civil engineering and construction industry. He is currently the document manager/project controls specialist on four MnDOT design-build projects. His daily duties include document and office management, project information database system administration, design submittal coordination, daily construction reporting, materials testing / certification, photo management, CPM schedule review, invoice verification, change management, and all program/project-specific reporting. He is proficient in a wide range of MnDOT project management software and has performed multiple training sessions for owner and contractor staff throughout his career representing MnDOT as a consultant.

### EXPERIENCE

#### **I-494 Airport to TH 169 Design-Build (MnDOT) – Bloomington, MN**

Construction includes E-ZPASS lanes between Hwy 100 and I-35W, turbine interchange at I-494 and I-35W, and access changes between Lyndale Avenue and 24th Avenue including nine bridges and 7.25 miles of reconstruction valued at nearly \$400 million. Elia is the MnDOT Design-Build Verification Team document manager. He is the system administrator of Microsoft SharePoint on the project on MnDOT's behalf. Elia's tasks include customizing SharePoint design/layout/organization, setting up and training all users on design-build document/submittal management processes, maintaining all management tracking worksheets, and fostering superior communication and collaboration using the project controls software and management practices MnDOT has implemented. This is the largest Design-Build project in MnDOT's history and

#### **Blue Line Extension Light-Rail Project**

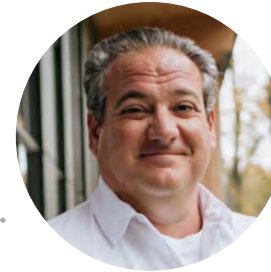
##### **(Metropolitan Council) – Minneapolis, MN**

The METRO Blue Line Extension light rail transit project will extend the existing Blue Line from Target Field Station northwest to Brooklyn Park and connect communities along the way. Elia is working with the Project Controls Team specializing

in document management. He has developed the official Document Management and Document Control Plan as part of the overall Management Plan for the project and also provides ongoing training presentations for over 300 council staff members, counties and engineering consultants. He manages two SharePoint sites on the project and assists with e-Builder as well.

#### **I90 Unbonded Overlay from Hwy 169 To Hwy 22 Design-Build (MnDOT) – Blue Earth, MN**

This project will resurface the I90 pavement to provide a smooth ride and extend its life 20+ years. Elia is the MnDOT Design-Build Verification Team document manager. Elia's tasks include customizing SharePoint design/layout/organization, setting up and training all users on design-build document/submittal management processes, maintaining all management tracking worksheets while working closely with MnDOT District 7 staff who have little to no Design-Build experience to help them understand the processes and procedures MnDOT has implemented over the last 20 years to successfully manage their Design-Build program. Elia worked closely with MnDOT's IT support staff (MNIT) to customize this SharePoint site above and beyond the 4 SharePoint sites he previously administered to establish a new, more efficient template.



**24**  
YEARS OF  
EXPERIENCE



### EDUCATION

Masters of Business Administration  
University of St. Thomas

Bachelor of Science  
Civil and Environmental Engineering  
University of Wisconsin-Madison



### REGISTRATIONS/CERTIFICATIONS

FAA Part 107 UAS Certification



### CONTACT INFORMATION

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elia.ayaz@peservicesmn.com



[Click here to go back to Elia's bio](#)

# GEORGINA STANLEY-WOIDYLA PE

DESIGN REVIEW LEAD | APEX

Scope of Services **1** **5**

Georgina has 21 years of experience in roadway and transit design projects for cities, counties, MnDOT, and transit authorities. Her expertise encompasses all aspects of roadway design, including preliminary and final design, utility coordination, erosion control, water resources, stakeholder engagement, and agency coordination. Georgina has extensive experience with Metro State Aid/Federal Aid and the MnDOT Delegated Contract Process.

## EXPERIENCE

### **METRO Blue Line LRT Extension (Metropolitan Council) – Brooklyn Park, MN**

Georgina served as the design task manager for the segment of work in Brooklyn Park. This segment included the design of five light rail transit station platforms, adjacent parking lot redesigns, over six miles of roadway and guideway design, and a Park-and-Ride site. Georgina was responsible for coordinating all disciplines related to the design in Brooklyn Park, including public utilities, water resources, structures, and landscaping.

### **Riverview Corridor Modern Streetcar (Ramsey County) – Ramsey County, MN**

Georgina served as the preliminary design development lead of the West 7th Corridor and Bloomington Segment. Georgina attended meetings with stakeholders to achieve conceptual consensus on the preferred preliminary design. The preliminary design alternatives included side-running arterial bus rapid transit and center and side running streetcar along multiple different alignments. These alternatives included working with landscape architects and multimodal specialists for station sighting, pedestrian accommodations, and transit infrastructure.

### **METRO Purple Line BRT (Metropolitan Council) – Ramsey County, MN**

Georgina assisted in the development of the preliminary cost estimate for the project during the conceptual stages. Georgina worked with the design team and Ramsey County to develop a preliminary cost estimate for each phase of the project.

### **179th Street Reconstruction (City of Lakeville) – Lakeville, MN**

Georgina served as project manager for a 1.4-mile urban reconstruction project to meet the future roadway CSAH designation upgrade in the City of Lakeville. The project also included the addition of a new 2 x 1 roundabout at Flagstaff Avenue and 179th Street. Public involvement included open houses and newsletters.

### **65th Street Reconstruction (City of Rochester) – Rochester MN**

Georgina served as the deputy project manager for a 2.1-mile roadway reconstruction project. The design included two roundabouts, coordination with the new middle school site, and a pedestrian underpass for State Aid approval.



**21**  
YEARS OF  
EXPERIENCE



#### EDUCATION

Bachelor of Science  
Civil Engineering,  
University of Minnesota, Twin Cities



#### REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, ND



#### CONTACT INFORMATION

320.640.9727  
georgina.stanley@apexendgroup.com



[Click here to go back to Georgina's bio](#)

**DAN HORSCH** PE  
UTILITY COORDINATION | SEH  
Scope of Services **2** **5** **6**

507.316.6617 | dhorsch@sehinc.com

Dan is a professional engineer with experience in civil engineering and construction services. He is responsible for project cost estimation and design on municipal road and trail projects. Dan's computer skills include AutoCAD Civil 3D, ArcGIS, and HydroCAD.

**EXPERIENCE**

- Viola Road Reconstruction Project (City of Rochester) – Rochester, MN
- 6th and 7th Avenue NW (City of Rochester) – Rochester, MN
- Mayo 1st Ave Tunnel (The Boldt Company) – Rochester, MN
- 2020 & 2021 Capital Improvement Program (City of Stewartville) – Stewartville, MN
- 2nd Street Southwest Reconstruction, Phase III (City of Rochester) – Rochester, MN
- Division Street and 7th Street Reconstruction (City of Northfield) – Northfield, MN



**12**  
YEARS OF  
EXPERIENCE



**EDUCATION**

Bachelor of Science  
Civil Engineering  
University of Minnesota-Duluth



**REGISTRATIONS/CERTIFICATIONS**

Professional Engineer in MN  
**MnDOT**  
Aggregate Production

**JILL MICKELSON** PE  
ENVIRONMENTAL REVIEW | BRAUN INTERTEC  
Scope of Services **6**

507.273.7170 | jmickelson@braunintertec.com

Jill has 25-plus years of providing environmental consulting services for transportation construction projects, including nine bridge and overpass and numerous corridor reconstruction projects. Jill is experienced at providing environmental contamination management support services to both owner and contractor teams, which allows her to deliver efficient solutions in real-time to construction problems. Jill's experience has spanned multiple regulatory programs, with mitigation of petroleum and non-petroleum compounds, agricultural chemicals, and regulated metals.

**EXPERIENCE**

- North Broadway Reconstruction, Rochester, MN
- LINK Bus Rapid Transit, Rochester, MN
- Kasson TH57 Reconstruction
- TH 61/63 Red Wing Bridge Reconstruction, Red Wing, MN
- Twin Ports Interchange, I-35/I-535/TH 53, Duluth, MN



**25**  
YEARS OF  
EXPERIENCE



**EDUCATION**

Bachelor of Science  
Civil and Environmental Engineering  
Massachusetts Institute of Technology



**REGISTRATIONS/CERTIFICATIONS**

Professional Engineer in MN  
MDH: Asbestos Inspector-  
**OSHA:** HAZWOPER Site Supervisor,  
40-hour HAZWOPER  
Minnesota SWPPP Designer and Site Manager

## NAOMI DOLTON

ENVIRONMENTAL REVIEW AND SURVEYING | SEH

Scope of Services **6** **8**

507.316.6638 | ndolton@sehinc.com



**2**  
YEARS OF  
EXPERIENCE

Naomi has spent the last year expanding her construction survey knowledge practicing and performing topographical surveys and grade staking. Naomi has experience completing phase I environmental site assessments, conducting field activities including groundwater and soil sampling, and report writing.

### EXPERIENCE

- Valleyhigh Flats II (Weis Builders Inc) – Rochester, MN
- Al-Corn New Scale (Dirt Merchant Inc) – Claremont, MN
- Playground (Midwest Playscapes Inc) – Rochester, MN
- Blooming Prairie High School (Century Fence) – Blooming Prairie, MN
- Mayo Clinic 4th Ave SW Street/ Duct Bank - Kellen Building to Ramp 6 (Knutson Construction Company & Doyle Conner Company) – Rochester, MN
- Blooming Prairie School (Komitt Concrete) – Blooming Prairie, MN
- Fillmore County Airport (Wieser Brothers General Contractor Inc) – Preston, MN
- 2022-2023 CIP Projects – Stewartville, MN



### EDUCATION

Bachelor of Science  
Agriculture Engineering Technology – emphasis in  
Environmental Engineering  
University of Wisconsin-River Falls



### REGISTRATIONS/CERTIFICATIONS

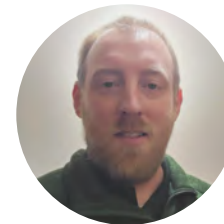
**OSHA:** 40-hr HAZWOPER  
Erosion and Stormwater Construction Site  
Manager (pending)

## DAVE SMITH

QUALITY CONTROL AND MATERIALS TESTING | BRAUN INTERTEC

Scope of Services **6** **7**

507.281.2515 | dsmith@braunintertec.com



**10**  
YEARS OF  
EXPERIENCE

Joining Braun Intertec in 2021, Dave brings more than 10 years of professional experience in Construction Inspections and construction materials testing. David's responsibilities includes quality control oversight, inspections and field materials testing. Dave is skilled at building working relationships with contractors and project team members, in order to help ensure team commitment and leading an effective Quality Control Plan. Dave also is proficient at overseeing and performing field soil compaction and concrete testing, and concrete and bituminous batch plant inspections.

### EXPERIENCE

- TH 52 Design-Build Project (MnDOT) – Goodhue County, MN
- Storm Sewer on CR 5 and TH 13 (Dakota County) – Dakota County, MN
- US Highway 14, Dodge Center to Owatonna, S.P.2001-43 (MnDOT) – Owatonna, MN



### EDUCATION

Bachelor of Science  
Construction Management  
Minnesota State University



### REGISTRATIONS/CERTIFICATIONS

**MnDOT**  
Aggregate Production  
Bituminous Plant Tester  
Bituminous Street Inspector  
Concrete Plant Tester  
Concrete Strength Tester  
U of M Construction Site Manager  
ACI Concrete Testing



## ANDREW CHRISTENSON PLS

SURVEY CREW CHIEF | IMO

Scope of Services **8**

952.446.7898 | achristenson@imoconsultinggroup.com

Andrew has 23 years of surveying experience. He brings a well-rounded perspective to projects and is responsive, reliable, and prides himself on delivering quality work. His experience includes boundary and topographic surveys, ALTA/ACSM land title surveys, plats, rights-of-way and easements, existing conditions surveys, tree inventories, legal descriptions, common interest communities (CIC's), large area coordinate systems, aerial photo control, utility mapping, construction staking, building layout, street, utility, and grade staking, and as-built surveys. Andrew is also proficient in survey research and computations, AutoCAD, FEMA surveys, flood plain surveys, bridge surveying, light rail surveying, gas and oil development surveys, and cell phone tower surveys.

### EXPERIENCE

- Southwest Light Rail Project (Metropolitan Council) – Minneapolis and Eden Prairie, MN
- Town Center Station Easement Layout (Metropolitan Council) – Eden Prairie, MN
- Bryant Ave S. between 50th St. W and Lake St. Reconstruction – Minneapolis, MN
- 2510 Oakland Road – Minnetonka, MN
- Ridgewood Road – City of Minnetonka, MN

## ERIC ZIEMANN

SURVEY CREW CHIEF | SEH

Scope of Services **8**

507.316.6652 | eziemann@sehinc.com

Eric is the Lead Survey Crew Chief in the Rochester office with experience in all aspects of survey instrumentation. He has completed topographical surveys, land surveys, and construction staking, among others. He has extensive knowledge of AutoCAD Civil 3D, Trimble Business Center, Trimble R12i GNSS Receiver, Trimble S7 Total Station and the SX12 Total Station/Scanner, as well as the Microsoft Office suite.

### EXPERIENCE

- Mayo 1st Ave Tunnel (The Boldt Company) – Rochester, MN
- Al-Corn Staking (McGough) – Claremont, MN
- Mayo Clinic RMC – New Loading Dock Facility (Weis Builders Inc) – Rochester, MN
- Preserve on Maine (Deerhorn Partners LLC) – Rochester, MN
- 125 Live Sr. Recreation Center (Kraus-Anderson Construction – Rochester, MN
- RST 2/20 Runway (Hoffman Construction Company and Rochester Sand & Gravel) – Rochester, MN
- 2022-2023 CIP Projects – Stewartville, MN
- Civic on First (PCL Construction Services Inc) – Rochester, MN
- TH 246 and Jefferson Parkway – Northfield, MN



IMO

23  
YEARS OF  
EXPERIENCE



### EDUCATION

Bachelor of Science  
Geography (Emphasis in Surveying)  
St. Cloud State University, MN

Associate  
Civil Engineering  
St. Cloud Technical College - St. Cloud, MN



### REGISTRATIONS/CERTIFICATIONS

Professional Land Surveyor in MN



SEH

14  
YEARS OF  
EXPERIENCE



### EDUCATION

Associate of Applied Science  
Civil Engineering Technology  
Southeast Technical Institute - Sioux Falls, SD



### REGISTRATIONS/CERTIFICATIONS

#### MNDOT

Aggregate Production  
Bituminous Street  
Grading and Base Inspector and Tester  
CST Level III Construction

## JEREMY WALGRAVE PE, CFM

### DRAINAGE DESIGN REVIEW | SEH

Scope of Services **1**

605.330.7018 | jwalgrave@sehinc.com

Jeremy has extensive water resources experience which includes expertise in stormwater management, green infrastructure design, sustainability, stream restoration, shoreline restoration, and regulatory compliance. Jeremy's project experience includes planning studies, cost estimating, preparation of detailed plans and specifications, risk assessments, environmental assessments, hydrologic/hydraulic study reports, construction oversight, environmental permitting, and project management.

#### EXPERIENCE

- Blue Line Extension Phase I (Metropolitan Council Metro Transit) – Minneapolis, MN
- I-35W/Lake Street Transit/Access (Hennepin County) – Minneapolis, MN
- Marquette and 2nd Avenue Transitway (URS Corporation) – Minneapolis, MN
- I-35W at 82nd Street and 98th Street Interim Bus Rapid Transit Improvements Study (Metropolitan Council Metro Transit) – Bloomington, MN
- CSAH 60 (185th Street) Roundabout and Street Extension Final Design (City of Lakeville) – Lakeville, MN

## BEN WOLF PE

### STRUCTURAL DESIGN REVIEW | SEH

Scope of Services **1**

507.316.6648 | bwolf@sehinc.com

Ben is a project engineer with significant experience and specialization in the structural engineering of buildings, industrial equipment, and bridges. He has been and is actively involved in structural design and inspection, as well as field investigations and assessments of existing structures. Ben brings a history of creative problem solving for both new buildings and rehabilitation and addition projects. He understands that there are numerous ways to accomplish project goals and works closely with architects and owners to develop structural design solutions that help achieve the aesthetic and functional goals of each project.

#### EXPERIENCE

- 2nd Street Southwest Reconstruction, Phase II (City of Rochester) – Rochester, MN
- Lake Street Transit Station (Minnesota Department of Transportation Metropolitan District) – Minneapolis, MN
- Mayo 1st Ave Tunnel (The Boldt Company) – Rochester, MN
- Mixed Use Building Structural and Landscape Design (Residence at Discovery Square LLC) – Rochester, MN
- Public Works Facility (City of Galesville) – Galesville, WI



#### EDUCATION

Bachelor of Science  
Civil Engineering  
University of Nebraska-Lincoln



#### REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, IA, MO, OK, SD, TX  
Certified Floodplain Manager



**24**  
YEARS OF  
EXPERIENCE



#### EDUCATION

Master of Science  
Engineering Mechanics  
University of Missouri-Rolla

Bachelor of Science  
Civil Engineering  
University of Missouri-Columbia



#### REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, IA, WI



**28**  
YEARS OF  
EXPERIENCE

## JOSH BREID PE

### ROADWAY/ADA DESIGN REVIEW | SEH

Scope of Services **1**

651.490.2042 | jbreid@sehinc.com



**7**  
YEARS OF  
EXPERIENCE

Josh is a professional engineer with design and construction observation experience. His highway design experience includes profile design, modeling, utility coordination, alternative design cost analysis, quantity estimating, ADA design, subdrain design, noise wall design, removals plans, concrete pavement plan, signing plans, striping plans, traffic control plans, turf establishment, and erosion control plans.

#### EXPERIENCE

- Hennepin Harmon HSIP (City Of Minneapolis) – Minneapolis, MN
- METRO E Line – Engineering and Construction Administration Services (Metropolitan Council Metro Transit) – Edina, Minneapolis, St. Paul, MN
- CSAH 16 Median and Pedestrian Crossing Improvements (Scott County) – Shakopee, MN
- Highway 36/Hadley Interchange Final Design (Washington County Department of Transportation) – Oakdale, MN
- 1st Ave Bridge and Roadway (Toole Design Group) – Minneapolis, MN



#### EDUCATION

Bachelor of Science  
Civil Engineering  
University of Minnesota-Twin Cities



#### REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN

## ERIN JORDAN PE

### TRAFFIC DESIGN REVIEW | SEH

Scope of Services **1**

651.256.1054 | ejordan@sehinc.com



**9**  
YEARS OF  
EXPERIENCE

Erin is a professional engineer who specializes in traffic and transportation planning and design. Erin is experienced in managing and completing corridor studies, multimodal complete streets planning projects, Traffic Impact Studies, Intersection Control Evaluations (ICE), site plan reviews and analyses, safety analyses, traffic forecasting, and traffic operations and capacity analyses. Erin is knowledgeable in several industry software applications including Synchro/SimTraffic, Highway Capacity Software (HCS), Sidra, StreetLight Data platform, and AutoCAD Civil 3D.

#### EXPERIENCE

- METRO E Line – Engineering and Construction Administration Services (Metropolitan Council Metro Transit) – Edina, Minneapolis, St. Paul, MN
- MnDOT Safe Routes to School (SRTS) Demo Projects (Alta Planning + Design) – Statewide, MN
- CSAH 14 East Expansion (Anoka County) – Blaine, MN
- Streetscape and Pedestrian Safety Improvements at TH 3 and 3rd Street (City of Northfield) – Northfield, MN



#### EDUCATION

Bachelor of Science  
Civil and Environmental Engineering  
University of Wisconsin-Madison



#### REGISTRATIONS/CERTIFICATIONS

Professional Engineer in MN, IA, NE, WI

**MARIAHA DEAN** MAEL, LEED AP®  
 VALUE ENGINEERING REVIEW | EDEN RESOURCES  
 Scope of Services **1**

651.233.7861 | mariaha@edenresources.com



**25**  
 YEARS OF  
 EXPERIENCE



**EDUCATION**

Master of Arts  
 Business Executive Leadership  
 Liberty University-Virginia

Bachelor of Science  
 Fine Arts (specialty: Interior Design)  
 University of Louisville-Kentucky



**REGISTRATIONS/CERTIFICATIONS**

**USGBC:** LEED AP

**OSHA:** 10-Hr Safety

Mariaha has more than 25 years of commercial design and construction experience. She has managed complex and notable projects of significant size and brings her expertise in completing both public and private sector projects. Pre-construction efforts may include work with the owner to establish building plan feasibility reviews, establish project or the construction budgets, preparation of bidding documents, and critical contractor (architect, engineer, or special consultant) selection. As related to construction efforts, Mariaha is often responsible and fluent in contract administration including contract costs / fiscal management and document control. Mariaha leads necessary logistics to progress construction, program management, or green building documentation/certification towards timely completion.

**EXPERIENCE**

- Central Corridor Light Rail Transit (University of Minnesota Twin Cities) – Minneapolis, MN
- Minneapolis Public Schools, SSD #1 Capital Projects – Various locations
- Minnesota Twins Baseball Stadium Minneapolis, MN

**KYLE DOBIAS** CEP  
 INDEPENDENT COST ESTIMATING | SRF  
 Scope of Services **3**

763.475.0010 | kdobias@srfconsulting.com



**15**  
 YEARS OF  
 EXPERIENCE



**EDUCATION**

Bachelor of Science  
 Construction Management (Minor: Business)  
 North Dakota State University



**REGISTRATIONS/CERTIFICATIONS**

AACE International Certified Estimating Professional (CEP)

Temporary Structures and Construction Devices

In-depth Method/Operation Analysis

Since joining SRF in 2016, Kyle has leveraged his experience working as a consultant and contractor to develop cost estimates and advise design teams on roadway, bridge, and transit constructability. He holds the Certified Estimating Professional (CEP) designation with AACE International. Kyle has developed contractor-style cost estimates on projects for transit agencies, departments of transportation, counties, and cities across the Midwest. Kyle brings an understanding of how contractors set up cranes, the access requirements for excavation/truck haul routes, the space needs for formwork systems, or what kind of laydown space is required for material storage.

**EXPERIENCE**

- Southwest LRT (Met Council) – Twin Cities, MN
- Transit Station Renovation (Mall of America) – Minneapolis, MN
- IndyGo Purple Line BRT – Indianapolis, IN
- Nicollet Mall Transit Shelters (Metro Transit) – Minneapolis, MN
- BRT Line (City of Rochester) – Rochester, MN
- Electric Bus Charging Equipment (Duluth Transit Authority) – Duluth, MN



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