



EC-1931 | JULY 21, 2017

*PRE-QUALIFICATION*  
**STATEWIDE TRANSPORTATION  
ALTERNATIVES SERVICES**  
*FOR THE STATE OF OKLAHOMA*



July 21, 2017

Ms. Jennifer Mason  
Purchasing Manager  
Oklahoma Department of Transportation  
200 NE 21st Street  
Oklahoma City, OK 73105-3204

RE: Solicitation of Interest  
**EC 1931: Pre-Qualification for Transportation Alternatives Services**

Dear Ms. Mason and Selection Committee Members:

Olsson Associates is pleased to submit our letter of interest and qualifications for EC-1931: Pre-Qualification for Transportation Alternatives Services. We have assembled a team that has experience designing transportation facilities for vehicles, pedestrians and bicycles for communities across Oklahoma.

Russell Beaty will be the project manager for our team on this contract. Russell has served as lead engineer/project manager for numerous transportation projects that have had various enhancements to the normal transportation functions. The Olsson team has extensive experience in Oklahoma and the surrounding region in providing transportation enhancements. Several of these projects are detailed in the CAP 255 in Section 7. Olsson's team fully understands that communication with the client throughout the process is essential to a successful project that will ensure an end result that will provide a safe and economical asset upon completion of construction.

Our office is composed of professionals that have extensive ODOT and transportation enhancement experience. Olsson understands the goals of such projects and has a team of engineers and planners that is eager to continue our work with ODOT and Oklahoma communities. Our team also understands that there are many workable solutions for each enhancement and will strive to present multiple options to ensure all involved entities are on-board before moving forward. In short, Olsson will strive to deliver the best possible solution on-time and within budget.

Our team's extensive experience makes us confident that we have the team in place to meet ODOT's expectations and requirements. We look forward to visiting with you more about our qualifications in person to ODOT. Thank you for your consideration, and appreciate the opportunity to further serve the needs of ODOT. If you have any questions or concerns, please contact me at 405.242-6600 or [asoltani@olssonassociates.com](mailto:asoltani@olssonassociates.com).

Respectfully,

A handwritten signature in blue ink that reads 'Alan A. Soltani'.

Alan A. Soltani, PhD, PE  
Regional Manager

AAS\RLB\dlh

Enclosures



## **TEAM EXPERIENCE & FAMILIARITY WITH ODOT PROCEDURES**

Olsson is accustomed to the Department's procedures and our team members are familiar with your staff. Our Team members have individual histories dating back 35+ years on a multitude of ODOT projects across the state. Olsson staff views ODOT as our number one client and our goal is to be ODOT's consultant of choice for years to come.

## **PROJECT PERFORMANCE**

Our team understands the importance of ODOT's budget and schedule and our staff has performed for ODOT on many similar projects meeting or exceeding deadlines. Our commitment is the same service and dedication for this project that this team has provided in the past. The Project Manager (Russell Beauty) and Team for this project have been selected based upon their expertise and ability to identify and perform the practical, yet aesthetically pleasing enhancements and design necessary for successful projects.

## **SPECIALIZED EXPERIENCE**

The Olsson team has vast experience in transportation enhancement design. Our team will be able to provide ODOT with access to strong knowledge base that will provide ODOT with cost-effective and functional enhancements that will enrich the traveling experience for the public. Our past experience working on ODOT projects and working with ODOT staff will be invaluable to efficiently producing these reports.

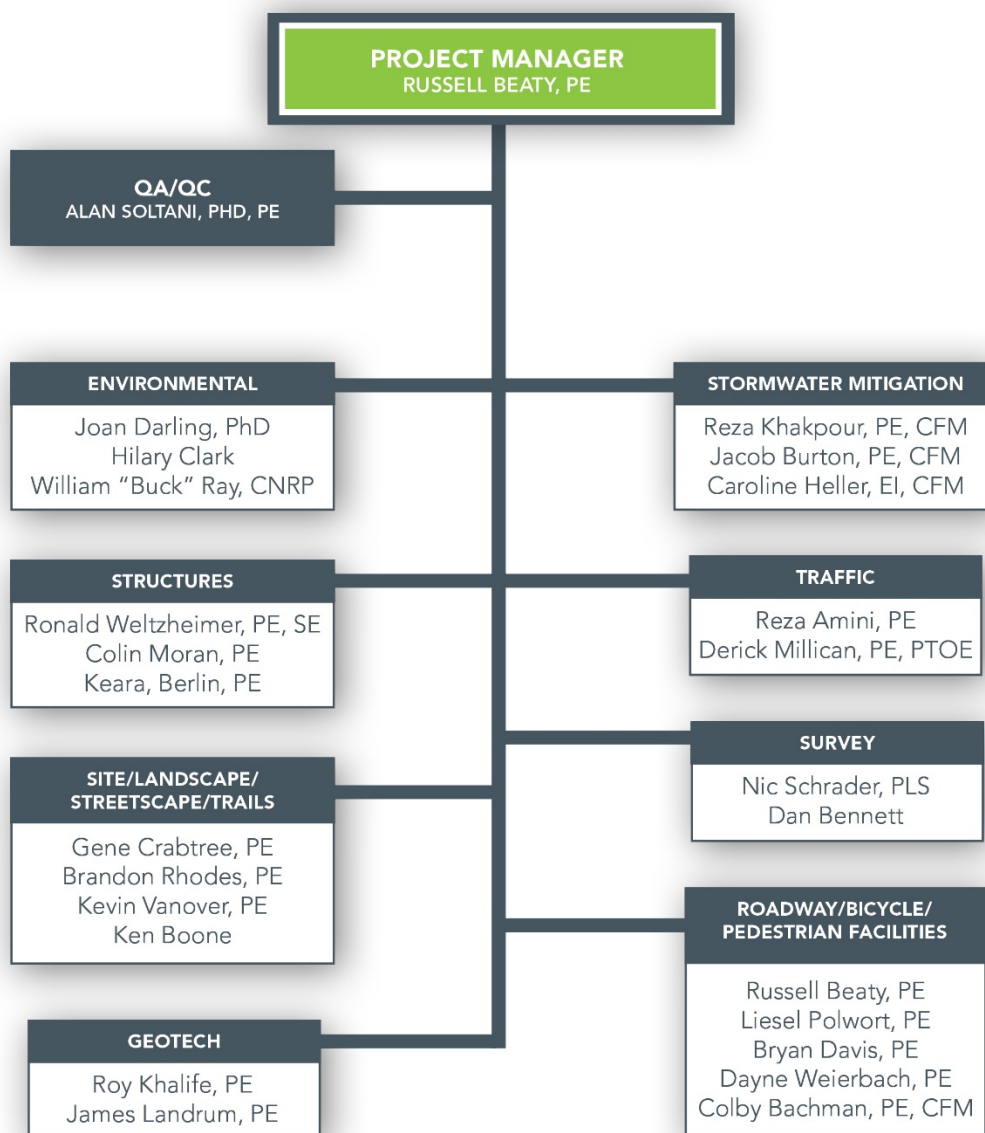
## **CAPACITY**


We have the capacity to complete these contracts ahead of schedule. The Olsson offices in Oklahoma City and Tulsa, which currently has a staff of 80+, will provide the services for this contract. With more than 1,000 employees in the region, Olsson Associates has the capacity and expertise to provide professional services for multiple contracts simultaneously. Please see the organizational chart for the listing of the Team members that will work on this project. All members of this Team work continually on transportation related projects.

## **PAST PERFORMANCE**

Olsson upholds a high standard for providing professional engineering services. Our staff is the difference, this team has performed successful projects with ODOT in the past and those past results are the assurance of future performance. Please feel free to contact our references regarding our past performance. Contact information is located in Item 7, Section C of this submittal.





  <b>STATE OF OKLAHOMA</b>  Consultant Services For a Specific Project	1. Project Name/Location for which firm is filing:  <b>EC-1931</b> Pre-Qualification - Statewide Transportation Alternatives Services Oklahoma	2a. Date of Announcement:  July 7, 2017	2b. Agency originating Announcement:  Oklahoma Department of Transportation																																								
3. Firm (or Joint Venture) Name and Address:  Olsson Associates 201 NW 63 <sup>rd</sup> Street, Suite 130 Oklahoma City, OK 73116  3a. Certificate of Authority Number: <u>CA 2483</u>		3c. Name, Title, & Telephone Number of Principal to Contact:  Mr. Alan Soltani, PhD, PE Regional Director Phone: 405.242.6600 <a href="mailto:asoltani@olssonassociates.com">asoltani@olssonassociates.com</a>																																									
3b. FEI/Tax ID Number: <u>47-0781766</u>		3d. Address of office to perform work if different from Item 3: Olsson Associates / 1111 Lincoln Mall, Lincoln, NE 68508 Olsson Associates / 2111 South 67th Street, Suite 200, Omaha, NE 68106 Olsson Associates / 7250 N. 16 <sup>th</sup> Street, Suite 210, Phoenix, AZ 85020																																									
4. Personnel by Discipline: (List each person only once, by primary function.) <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">_____ Administrative</td> <td style="width: 25%;">_____ Economists</td> <td style="width: 25%;">_____ Mechanical Engineers</td> <td style="width: 25%; text-align: right;">_____ 2</td> <td style="width: 20%;">_____ Geotechnical Engineer</td> </tr> <tr> <td>_____ Architects</td> <td>_____ Electrical Engineers</td> <td>_____ Mining Engineers</td> <td style="text-align: right;">_____ 2</td> <td>_____ Traffic Engineers</td> </tr> <tr> <td>_____ CAD/CADD Technicians</td> <td>_____ Estimators</td> <td>_____ Planners: Urban/Regional</td> <td style="text-align: right;">_____ 3</td> <td>_____ Environmental Specialists</td> </tr> <tr> <td>_____ Chemical Engineers</td> <td>_____ Geologists</td> <td>_____ Sanitary Engineers</td> <td style="text-align: right;">_____</td> <td>_____</td> </tr> <tr> <td>_____ 11 Civil Engineers</td> <td>_____ 1 Hydrologists</td> <td>_____ Soil Engineers</td> <td style="text-align: right;">_____</td> <td>_____</td> </tr> <tr> <td>_____ Construction Inspectors</td> <td>_____ Interior Designers</td> <td>_____ Specification Writers</td> <td style="text-align: right;">_____</td> <td>_____</td> </tr> <tr> <td>_____ Draftsmen</td> <td>_____ 1 Landscape Architects</td> <td>_____ 3 Structural Engineers</td> <td style="text-align: right;">_____</td> <td>_____</td> </tr> <tr> <td>_____ Ecologists</td> <td>_____ 2 Land Surveyors</td> <td>_____ Surveyors</td> <td style="text-align: right;">_____ 25</td> <td><b>Total Personnel</b></td> </tr> </table>				_____ Administrative	_____ Economists	_____ Mechanical Engineers	_____ 2	_____ Geotechnical Engineer	_____ Architects	_____ Electrical Engineers	_____ Mining Engineers	_____ 2	_____ Traffic Engineers	_____ CAD/CADD Technicians	_____ Estimators	_____ Planners: Urban/Regional	_____ 3	_____ Environmental Specialists	_____ Chemical Engineers	_____ Geologists	_____ Sanitary Engineers	_____	_____	_____ 11 Civil Engineers	_____ 1 Hydrologists	_____ Soil Engineers	_____	_____	_____ Construction Inspectors	_____ Interior Designers	_____ Specification Writers	_____	_____	_____ Draftsmen	_____ 1 Landscape Architects	_____ 3 Structural Engineers	_____	_____	_____ Ecologists	_____ 2 Land Surveyors	_____ Surveyors	_____ 25	<b>Total Personnel</b>
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5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical, and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P.O. Box 53448, Oklahoma City, OK 73152-3448.  NA																																											
5a. Has this Joint-Venture previously worked together? [ <input type="checkbox"/> ] Yes [ <input type="checkbox"/> ] No If YES, how many times?																																											

**6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.**

a. Name and Title: <b>Alan Soltani, PhD, PE – Regional Director</b>	a. Name and Title: <b>Russell Beaty, PE – Senior Engineer</b>
b. Project Assignment: <b>QA / QC</b>	b. Project Assignment: <b>Project Manager/Roadway-Bicycle-Pedestrian Facilities</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2013</b> With other firms <b>36</b>	d. Years experience: With this firm <b>Since 2013</b> With other firms <b>16</b>
e. Education: Degree(s)/Year/Specialization <b>PhD/1996/Civil Engineering</b> <b>MS/1990/Civil Engineering</b> <b>MBA/1985/Finance</b> <b>BS/1977/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>BS/1997/Civil Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 1986 / Professional Engineer / 14487</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2002 / Professional Engineer / 20685</b> Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Alan has nearly 40 years of civil engineering /transportation related experience. As the former Chief Traffic Engineer for ODOT, he has in-depth knowledge of state & federal transportation operations. Key examples of his experience include: <ul style="list-style-type: none"> <li>*Ports of Entry Program, Oklahoma Department of Transportation, Oklahoma – Developed a prototype Ports of Entry (weigh station) for eight sites in Oklahoma. The physical and technological site footprint included the Port of Entry operations center, the related enclosed inspection facilities, utility and wastewater support facilities, ancillary facilities and other infrastructure necessary to support the highly specialized weights, measures, and inspection technologies.</li> <li>*Edmond Parking Study, City of Edmond, Oklahoma – As part of the Downtown Parking Master Study for the City of Edmond, prepared a study to assess parking conditions in the downtown area, identify deficiencies, and recommended possible solutions. One of the main targets of this study was Broadway-Arts Festival Market Place Streetscape and Parking design. The Streetscape and Parking layout had to match the existing downtown streetscape, lighting, pavers, landscaping and general theme. The Festival Market Place is used for Farmers Market, the Arts Festival and other events throughout the year.</li> <li>I-35 Bridges over Deep Fork Creek and NE 63rd Street, ODOT, Oklahoma County, Oklahoma – Olsson is providing professional services including survey, environmental studies, geotechnical information, preliminary engineering studies, preliminary and final design plans to replace the existing structurally deficient bridges.</li> <li>SH-15 Improvements, ODOT, Ellis County, Oklahoma – The project is divided into 2 construction projects each being approximately 4.5 miles. This section of SH-15 is a 2-lane rural principal arterial with limited shoulders. The improvements to the roadway will include widening the existing roadway to add 8-foot shoulder symmetrically and asymmetrically about the existing centerline. For a large part of the alignment, SH-15 parallels the BNSF railroad necessitating a shift in alignment to the south to avoid impact to railroad right-of-way. 3R criteria will be used to further minimize the impact to utilities and right-of-way on this project as well. The project includes 5 bridges that will be extended or replaced and a section that goes through the town of Fargo, OK. The design plans will include complete detailed designs, calculations and construction plans for drainage, grading, surfacing, construction traffic control and bridge replacement for the improvements of SH-15.</li> <li>US 281 Improvements, ODOT, Caddo County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to US-281 to improve safety with the addition of protected turning movements and to increase capacity with lane additions.</li> </ul> <b>*Completed while under previous employment.</b>	g. Other experience and qualifications relevant to the proposed project: Russell has an extensive background in project management and project engineering for transportation projects. His experience includes highway design, storm drainage design, construction sequencing & traffic control, signing & striping, estimating, grading, public utility coordination, and erosion control. Key examples of his experience include: <ul style="list-style-type: none"> <li>Western Road Improvements, City of Stillwater, Oklahoma – Olsson provided professional engineering services for a study and the engineering design and construction plans for the Western Road improvements from Hall of Fame to Lakeview Road for the City of Stillwater.</li> <li>Perkins Road Improvements, City of Stillwater, Oklahoma – Olsson provided professional engineering services for improving an existing 4 lane road by adding turn lanes and access management to improve safety of a highly congested corridor.*I-35 / SH-9 Interchange, Oklahoma Department of Transportation, Cleveland County, Oklahoma – Provided engineering services for widening of Interstate 35 (I-35) mainline to a 6-lane facility with the reconstruction of the SH-9E Interchange along a congested segment of urban highway in Norman, Oklahoma. The work includes reconfiguration of the I-35/SH-9 interchange, adding braided ramp designs on both sides of the highway, reconstruction of the SH-9E and 24th Avenue intersection, widening SH-9E from 24th Avenue SW to McGee Street along with a new connection to the local city street system at 28th Avenue and Ed Noble Parkway. Mr. Beaty provided project engineering for this project.</li> <li>Airport Road and Washington Street Sidewalk Improvements, City of Stillwater, Oklahoma – Olsson provided engineering design and construction plans for new sidewalk construction along two critical pedestrian corridors for the City of Stillwater.</li> <li>SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo, OK. Mr. Beaty is providing the project management and project engineering for this project.</li> <li>I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination. Mr. Beaty is providing the project management and project engineering for this project.</li> </ul>



6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: <b>Joan Darling, PhD</b>	a. Name and Title: <b>Hilary Clark</b>
b. Project Assignment: <b>Environmental</b>	b. Project Assignment: <b>Environmental</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 1999</b> With other firms <b>23</b>	d. Years experience: With this firm <b>Since 2015</b> With other firms <b>17</b>
e. Education: Degree(s)/Year/Specialization <b>PhD/1976/Biology (Ecology &amp; Evolutionary Biology)</b> <b>M.Phil./1971/Biology (Ecology &amp; Evolutionary Biology) BA/1969/BA Biology, 1969</b>	e. Education: Degree(s)/Year/Specialization <b>MA/2003/International Environmental Policy BA/1998/Biology</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Certifications: Basic Wetland Delineation, 1990; BNSF Contractor Orientation Test; E-RAILSAFE; FERC Environmental Compliance, 2008; FERC Regulatory Overview, 2008; Introduction to Section 106 Review, 2001; NEPA and the Transportation Decision Making Process, 2003; Roadway Worker Protection; UPRR Contractor Orientation Test</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number  Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Joan offers over 35 years of experience in ecology and field biology. An environmental consultant since 1985, she has managed many large environmental projects, including NEPA projects. She has written and reviewed for NEPA compliance Environmental Impact Statements and Environmental Assessments, and has conducted faunal and botanical surveys, endangered species surveys, and upland, wetland, and aquatic habitat studies. A wetlands specialist, Joan has conducted over 350 wetland delineations. Key examples of his experience include: <ul style="list-style-type: none"> <li>• EC-1449G – Wetland and Stream Mitigation and Biological Studies, ODOT, Statewide, Oklahoma</li> <li>• EC-1322C – Biological Studies, ODOT, Statewide, Oklahoma</li> <li>• On-Demand Environmental Studies, ODOT, Statewide, Oklahoma</li> <li>• City of North Platte, Project Manager for Buffalo Bill Avenue Extension Environmental Assessment - North Platte, Nebraska</li> <li>• City of Cheyenne, Primary Author for Norris Viaduct Environmental Assessment - Cheyenne, Wyoming</li> <li>• NDOR/Iowa DOT, Project Manager for South Omaha Bridge Environmental Impact Statement (EIS) - Omaha, Nebraska</li> <li>• NDOR and Iowa DOT, Project Scientist for Spring Ladies Tresses, Ginseng, and Other Endangered Species Surveys - Various Locations in Nebraska and Iowa</li> <li>• NDOR/Iowa DOT, Primary Author for Biological Assessment of South Omaha Bridge EIS - Omaha, Nebraska</li> <li>• Saunders County, Primary Author for Sand Creek Watershed Environmental Restoration and Environmental Impact Statement – Saunders County, Nebraska</li> <li>• City of Lincoln/Lancaster County Railroad Transportation Safety District, Primary Author for 3rd and "A" Street Environmental Assessment (EA) - Lincoln, Nebraska</li> <li>• Pennsylvania Turnpike Commission, Project Manager for Beaver Valley Expressway Environmental Permitting - Western Pennsylvania</li> <li>• City of Lincoln, Project Scientist for South and East Beltways EIS - Lincoln, Nebraska</li> <li>• Pennsylvania Turnpike Commission, Project Manager for Beaver Valley Expressway EIS - Western Pennsylvania</li> <li>• Project Manager for Environmental Issues Associated with Several Bridge Replacements - Various Locations in Philadelphia, Pennsylvania</li> <li>• UPRR Company, Project Scientist for Surveys and Author for Biological Assessment of UPRR Bridge Replacement - Stockton, California</li> <li>• NDOR, Project Manager for Inland Saline Wetland Mitigation Bank - Nebraska</li> </ul>	g. Other experience and qualifications relevant to the proposed project: Hilary is as an environmental scientist specializing in Environmental Compliance and Regulatory Permitting: She has extensive experience in National Environmental Policy Act (NEPA); California Environmental Quality Act (CEQA); Clean Water Act (CWA); Endangered Species Act (ESA); National Historic Preservation Act (NHPA). Other areas of expertise include Environmental Conflict Resolution, Environmental Education and Public Outreach, Conservation Biology and Natural Resource Management, Sustainable Communities, Climate Change Policy, and Air Quality Management. Her relevant project experience includes but not limited to the following: <ul style="list-style-type: none"> <li>• SH-58, ODOT, Comanche County, Oklahoma – Engineering design &amp; construction plans for the improvements to SH-58 beginning at SH-49, &amp; extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders &amp; turn lanes.</li> <li>• On-Demand Environmental Services (EC-1551), ODOT, Oklahoma – Olsson was selected for this Statewide contract to provide services for environmental studies and coordination, and preparing environmental documents and permits for state highways and other transportation related facilities.</li> <li>• IDIQ Program – Environmental Services, State of Oklahoma – OMES, Oklahoma – Providing professional environmental services for an Indefinite Delivery/Indefinite Quantity statewide contract. Possible services include conducting investigations, surveys, studies, reports, cost estimates, drawings, &amp; testing. Other possible services include preparing &amp; reviewing environmental remediation plan and bid documents; preparing &amp; reviewing construction documents; technical or special specifications for bidding, award &amp; completion of remediation; providing inspection, testing and oversight of remediation work; as well as coordinating inspections, testing, scheduling, permits and permissions required by authorities.</li> <li>• *Senior Environmental Planner/Project Manager, HDR Engineering, San Diego, California - Hilary managed, coordinated and supervised other staff and sub-consultants on preparation of environmental compliance (NEPA and CEQA) and permitting documents for residential, commercial, industrial, infrastructure and utility--scale renewable energy projects. She also managed preparation of Critical Issues Analyses and Permit Processing Plans for utility--scale solar and wind projects located on federal and private lands. Hilary regularly coordinated with permitting agencies, project proponents, engineers, architects and other stakeholders. She was responsible for performing QA/QC of environmental compliance documents and technical reports. Hilary prepared and managed project budgets and schedules. She also assisted technical staff with management and preparation of regulatory permitting, feasibility studies and mitigation monitoring and compliance documents.</li> </ul> <p><b>*Completed while under previous employment.</b></p>

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.			
a. Name and Title: <b>William "Buck" Ray, CNRP</b>	a. Name and Title: <b>Ronald Weltzheimer, PE, SE – Team Leader</b>		
b. Project Assignment: <b>Environmental</b>	b. Project Assignment: <b>Structures</b>		
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>		
d. Years experience: With this firm <b>Since 2014</b> With other firms <b>14</b>	d. Years experience: With this firm <b>Since 2013</b> With other firms <b>32</b>		
e. Education: Degree(s)/Year/Specialization <b>MS/2004/Biology BS/2001/Biology</b>	e. Education: Degree(s)/Year/Specialization <b>MS/1982/Civil Engineering BSCE/1981/Civil Engineering</b>		
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>National Registry of Environmental Professionals – Certified Natural Resource Professional-2014; Oklahoma Department of Wildlife Conservation – Wildlife Resource Professional – 2011; US Army Corps of Engineers - Wetland Delineation Training – 2009; US Army Corps of Engineers – Streams and Riparian Corridor Restoration Workshop – 2008; SETAC–Approach for Utilizing Amphibians and Reptiles in Environmental Assessment – 2007; USFWS NCTC – Natural Resource Damage Assessment &amp; Restoration – 2007; Oklahoma State University – Environmental Impact Assessments (NEPA) – 2007; USFWS – Federal Aid Project Leaders course 2007; HAZWOPPER – 40 Hour - 2007</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 1987 / Professional Engineer / 14776</b>  Oklahoma Certificate of Authority (if any)		
g. Other experience and qualifications relevant to the proposed project: Mr. Ray has over 14 years in the environmental field, with experience in natural resource management specializing in endangered species management, environmental restoration and compliance, ecological flow studies, National Environmental Policy Act (NEPA) assessments, natural resources planning, and environmental permitting. He has worked for the Environmental Protection Agency and served the last 8 years with Oklahoma Department of Wildlife Conservation as statewide coordinator for the Environmental program and lead aquatic biologist for the Wildlife Diversity Program. His experience includes endangered species surveys, faunal and botanical surveys, oversight of environmental projects including review of construction projects within the NEPA process, including oil and gas exploration and DOT transportation projects. Key examples of his experience include: <ul style="list-style-type: none"> <li>On-Demand Environmental Services (EC-1551), ODOT, Oklahoma – Olsson was selected for this Statewide contract to provide services for environmental studies and coordination, and preparing environmental documents and permits for state highways and other transportation related facilities.</li> <li>Salt Creek Bridge NEPA Documents, ODOT/Wagoner County, Oklahoma – County road bridge project for preparation of environmental documentation necessary to obtain clearance and permits for the bridge construction.</li> <li>On-Call Wetland and Stream Mitigation and Biological Studies (EC-1450), ODOT Grady County – Project involves preparation of environmental documentation is necessary to obtain clearance and permits for the bridge construction.</li> <li>I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination</li> <li>CBDG-DR NEPA, City of Joplin, Missouri – Documentation and environmental compliance consistent with the requirements of the National Environmental Policy Act (NEPA) must be completed for the design and construction of sidewalks, curb and gutters, and stormwater infrastructure in targeted project areas. The NEPA documentation that is the focus of this scope of work will be an Environmental Assessment (EA) that will satisfy the requirements of NEPA and the HUD and CBDG environmental review process.</li> </ul>	g. Other experience and qualifications relevant to the proposed project: Ronald is responsible for the design and management of projects and personnel during all phases of plan development preparation including quality control and value engineering for projects. He is responsible for organizing, budgeting, directing team efforts & coordinating with clients for projects. Key examples of his experience include: <ul style="list-style-type: none"> <li>I-35 Bridges over Deep Fork Creek and NE 63rd Street, ODOT, Oklahoma County, Oklahoma – Olsson is providing professional services including survey, environmental studies, geotechnical information, preliminary engineering studies, preliminary and final design plans to replace the existing structurally deficient bridges.</li> <li>SH-125 Improvements, ODOT, Ottawa County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to SH-125 to improve safety by widening the highway to include 8-ft. shoulders along the existing alignment.</li> <li>US 81 over Unnamed Creek, ODOT, Jefferson County, Oklahoma – Olsson is providing professional engineering services for the improvements to US-81 over Unnamed Creek beginning approximately 1.7 miles north of SH-32. The purpose of this project is to replace an at-risk Bridge.</li> <li>US 281 Improvements, ODOT, Caddo County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to US-281 to improve safety with the addition of protected turning movements and to increase capacity with lane additions.</li> <li>SH-15 Improvements, ODOT, Ellis County, Oklahoma – The project is divided into 2 construction projects each being approximately 4.5 miles. This section of SH-15 is a 2-lane rural principal arterial with limited shoulders. The improvements to the roadway will include widening the existing roadway to add 8-foot shoulder symmetrically and asymmetrically about the existing centerline. For a large part of the alignment, SH-15 parallels the BNSF railroad necessitating a shift in alignment to the south to avoid impact to railroad right-of-way. 3R criteria will be used to further minimize the impact to utilities and right-of-way on this project as well. The project includes 5 bridges that will be extended or replaced and a section that goes through the town of Fargo, OK. The design plans will include complete detailed designs, calculations and construction plans for drainage, grading, surfacing, construction traffic control and bridge replacement for the improvements of SH-15.</li> </ul> <b>*Completed while under previous employment.</b>		



# 6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.

a. Name and Title: <b>Colin Moran, PE – Senior Bridge Engineer</b>	a. Name and Title: <b>Keara Berlin, PE – Project Engineer</b>
b. Project Assignment: <b>County Bridge</b>	b. Project Assignment: <b>Structures</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2017</b> With other firms <b>17</b>	d. Years experience: With this firm <b>Since 2013</b> With other firms <b>7</b>
e. Education: Degree(s)/Year/Specialization <b>BS/2000/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>MS/2008/Civil Engineering</b> <b>BS/2007/Civil Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>ND / Professional Engineer / 5344</b> <b>MN / 2005 / Professional Engineer / 44474</b> <b>MT / 2013 / Professional Engineer / 30318</b> <b>WY / 2014 / Professional Engineer / 14439</b> <b>SD / Professional Engineer / 12174</b> <b>AZ / 2015 / Professional Engineer / 60639</b> <b>ID / 2016 / Professional Engineer / 17123</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2012 / Professional Engineer / 25864</b>  Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: COLIN IS A SENIOR BRIDGE ENGINEER WITH 17 YEARS OF EXPERIENCE AND A STRONG BACKGROUND IN AASHTO LRFD AND AREMA BRIDGE DESIGN CODES. HE IS A VERSATILE, CREATIVE PROJECT MANAGER WITH EXPERIENCE ON DOT BRIDGE PROJECTS, ENSURING TIMELY COMPLETION OF PROJECT DEADLINES AND REMAINING ON OR UNDER BUDGET. KEY EXAMPLES OF HIS EXPERIENCE INCLUDE:  <ul style="list-style-type: none"> <li>*Bridge Load Rating, MDT, Montana – The \$1 million contract included site measurement visits and load rating 194 bridges throughout the state of Montana, utilizing AASHTOWare bridge rating software. Colin provided the Project Management and Quality Assurance review for the project.</li> <li>*ND-20 BNSF Rail Bridge, NDDOT, Devils Lake, North Dakota –A permanent 186'-long, 3-span bridge, with steel plate girders, was designed to support two BNSF rail lines. A steel rolled beam shoofly bridge was also designed. Both bridges were designed with a 42-degree skew to the highway. Colin was the Bridge Task Manager and the Engineer of Record for the project.</li> <li>*US-85 Lewis &amp; Clark Bridge over the Missouri River, NDDOT, Williston, North Dakota – An in-depth bridge inspection and fatigue analysis was completed to assist in the decision to retain the existing bridge or build a replacement. A 6-span, 1,520'-long, 85'-wide, steel plate girder was designed. Colin was the Bridge Task Manager and the Engineer of Record for the project.</li> <li>*I-35W, 42nd Street Bridge, MnDOT, Minneapolis, Minnesota – The 42nd Street bridge provides a crossing over I-35W. It is a 2-span, 240'-long, prestressed concrete bridge. Colin was the Lead Bridge designer for the project.</li> <li>*I-94B Rainbow Arch Bridge, NDDOT, Valley City, North Dakota – The Rainbow Arch Bridge is a 150-foot long, reinforced concrete, through arch bridge. The bridge was listed on the National Register of Historic Places due to its unique patented design and aesthetics; however, the bridge was dangerously narrow and not practical to rehabilitate. An extensive environmental/public involvement process led to a creative idea: replacement with a new wider Rainbow Arch Bridge built according to the design patented in 1912. Colin was the Lead Foundation Designer and provided the Quality Control review of the arch and deck.</li> <li>*ND-23 Four Bears Bridge, NDDOT, New Town, North Dakota – The project included a 4,500-foot, 15-span steel box girder bridge over Lake Sakakawea, a reservoir on the Missouri River. The design included 28, 8-foot diameter drilled shafts ranging in depth from 80-185 feet below ground. Bridge is located on a large reservoir, with large lateral ice loads on drilled shafts. Colin was the Lead Foundation Designer and provided the Quality Control review of the deck.</li> </ul> <b>*Completed while under previous employment.</b>	g. Other experience and qualifications relevant to the proposed project: Keara has experience with the design and detailing of bridges and other various transportation, drainage, and civil structures. Key examples of her experience include:  <ul style="list-style-type: none"> <li>I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination. Keara is providing design and details for bridges and roadway structures on this project.</li> <li>US-281 Spur over I-40, ODOT, Canadian County, Oklahoma – Engineering design and construction plans for the replacement of US-281 Spur Bridge over I-40 beginning approximately 4.1-miles east of Caddo County line. The purpose of this project is to replace functionally obsolete and narrow span bridge.</li> <li>SH-99A over Turkey Creek, Oklahoma Department of Transportation, Seminole County, Oklahoma – Bridge Project to replace the SH-99A span bridge over Turkey Creek. Keara is providing design and details for the bridge on this project.</li> <li>US 81 over Unnamed Creek, ODOT, Jefferson County, Oklahoma – Olsson is providing professional engineering services for the improvements to US-81 over Unnamed Creek beginning approximately 1.7 miles north of SH-32. The purpose of this project is to replace an at-risk Bridge.</li> <li>US 281 Improvements, ODOT, Caddo County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to US-281 to improve safety with the addition of protected turning movements and to increase capacity with lane additions.</li> <li>SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo, OK.</li> </ul>

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.			
a. Name and Title: <b>Gene Crabtree, PE – Sr. Engineer</b>	a. Name and Title: <b>Kevin Vanover, PE, LEED® AP – Sr. Civil Engineer</b>		
b. Project Assignment: <b>Site/Landscape/Streetscape/Trails</b>	b. Project Assignment: <b>Site/Landscape/Streetscape/Trails</b>		
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>		
d. Years experience: With this firm <b>Since 2013</b> With other firms <b>15</b>	d. Years experience: With this firm <b>Since 2016</b> With other firms <b>19</b>		
e. Education: Degree(s)/Year/Specialization <b>MS/1998/Civil Engineering</b> <b>BS/1997/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>BS/1995/Civil Engineering</b>		
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2003 / Professional Engineer / 21100</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2002 / Professional Engineer / 20876</b> Oklahoma Certificate of Authority (if any)		
g. Other experience and qualifications relevant to the proposed project: Gene's experience consists of site planning, site utilities, site grading, hydraulic analysis and surface drainage calculations, various aspects of construction management, as well as pavement and drainage structure inspection. Key examples of his experience include: <ul style="list-style-type: none"> <li>• Athletic Complex, City of Yukon, Oklahoma</li> <li>• Concession and Restroom Building, Cherokee Public Schools, Cherokee, Oklahoma</li> <li>• High School Locker Rooms, MA+ Architecture/Spencer Public Schools, Spencer, Oklahoma</li> <li>• Elementary School Safe Rooms, MA+ Architecture/Oklahoma City Public Schools, Oklahoma City, Oklahoma</li> <li>• School Improvements, Okarche Public Schools, Okarche, Oklahoma</li> <li>• Parking Lot Improvements, Oklahoma City Zoologist Trust/The City of Oklahoma City, Oklahoma</li> <li>• Will Rogers World Airport West Drainage Study, Oklahoma City Airport Trust/The City of Oklahoma City, Oklahoma</li> <li>• On-Demand Engineering Services, City of Stillwater, Oklahoma</li> <li>• South Black Oak Drive Stormwater, City of Stillwater, Oklahoma</li> <li>• Stonegate Drainage Improvements, City of Stillwater, Oklahoma</li> <li>• Pavement Rehabilitation, City of Stillwater, Oklahoma</li> <li>• Site Planning – The Creamery, Allford Hall Monaghan Morris, Edmond, Oklahoma</li> <li>• Eastern Oklahoma County (EOC) Turnpike – I-44 Interchange, Oklahoma Turnpike Authority, Oklahoma County, Oklahoma</li> <li>• Mike Monroney Boulevard Improvements, Oklahoma City Airport Trust/The City of Oklahoma City, Oklahoma</li> <li>• New Travel Plaza, Kaw Gaming (KGI), Braman, Oklahoma</li> <li>• Hotel &amp; Casino, Kaw Gaming (KGI), Braman, Oklahoma</li> <li>• 1212 N. Hudson Redevelopment, Allford Hall Monaghan Morris, Oklahoma City, Oklahoma</li> <li>• US-75A over Polecat Creek (SBR), ODOT, Tulsa County, Oklahoma</li> <li>• US-60 over the Arkansas River and Road, ODOT, Kay County, Oklahoma</li> </ul>	g. Other experience and qualifications relevant to the proposed project: Kevin is a senior engineer who brings an exceptional aptitude for engineering to the Olsson Associates team. He has nearly two decades of relevant experience. Kevin is well-versed in trail design & master planning, roadway improvements, parking lots, and drainage. His key experience includes: <ul style="list-style-type: none"> <li>• Elm Creek Park Design, City of Owasso, OK</li> <li>• Hillside Park Retaining Wall, City of Broken Arrow, OK</li> <li>• Liberty Trail Retaining Wall, City of Broken Arrow, OK</li> <li>• Channel Improvements and High School Improvements, Regen Preparatory School, Tulsa, OK</li> <li>• Civil Site Design, Kum &amp; Go, Broken Arrow, OK</li> <li>• Site Redevelopment, Taylor Crane, Tulsa, OK</li> <li>• *River Parks I-44 &amp; Riverside Drive Roadway &amp; Trail Realignment, City of Tulsa, OK</li> <li>• *West Bank PSO Trail, River Parks Authority, Tulsa, OK</li> <li>• *Elm Creek Park Master Plan, City of Owasso, OK</li> <li>• *Trail Master Plan – Owasso Sports Park, City of Owasso, OK</li> <li>• *SH-51, Oklahoma Department of Transportation, Wagoner County, OK</li> <li>• *Arterial Street Design (Hickory Street &amp; Line Street Widening), City of Sapulpa, OK</li> <li>• *Arterial Street Design (141st Street Widening), City of Glenpool, OK</li> <li>• *Arterial Street Design (Riverside Parkway/I-44 Interchange), City of Tulsa, OK</li> <li>• *State Highway 51 (Coweta City Limits, East 5 Miles), ODOT, Wagoner County, OK</li> <li>• *Riverside Parkway 46th to 51st Streets, including I-44 Interchange, City of Tulsa, OK</li> <li>• *U.S. 177 and Independence Safety Improvements, ODOT, Pottawatomie County, City of Shawnee, OK</li> <li>• Traffic Signal, City of Broken Arrow, Oklahoma</li> <li>• Industrial Collector Street and Waterline Extension, City of Broken Arrow, Oklahoma</li> <li>• Site Engineering/Master Planning/Design for Channel Improvements and High School Improvements, Regent Preparatory School, Tulsa, Oklahoma</li> <li>• Site Engineering/Master Planning/Design for Cherry Creek North Addition, Battle Creek Land Development, Broken Arrow, Oklahoma</li> <li>• Site Engineering/Master Planning/Design for Spring Creek IV, Wagoner County, Oklahoma</li> </ul> <p><b>*Completed while under previous employment.</b></p>		

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.			
a. Name and Title: <b>Ken Boone – Team Leader</b>		a. Name and Title: <b>Roy Khalife, PE</b>	
b. Project Assignment: <b>Site/Landscape/Streetscape/Trails</b>		b. Project Assignment: <b>Geotech</b>	
c. Name of firm with which associated: <b>Olsson Associates</b>		c. Name of firm with which associated: <b>Olsson Associates</b>	
d. Years experience: With this firm <b>Since 1999</b> With other firms <b>7</b>		d. Years experience: With this firm <b>Since 2015</b> With other firms <b>4</b>	
e. Education: Degree(s)/Year/Specialization <b>BS/1992/Landscape Architecture</b>		e. Education: Degree(s)/Year/Specialization <b>MS/2011/Geotechnical Engineering</b> <b>BS/2009/Civil Engineering</b>	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number  Oklahoma Certificate of Authority (if any)		f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma/Professional Engineer/28446</b> Oklahoma Certificate of Authority (if any)	
g. Other experience and qualifications relevant to the proposed project: Ken is the team leader for Olsson Associates' Design Studio. He has 25 years of experience in land planning, development planning, site planning, design, and construction management. His work has included community planning, urban planning, redevelopment and revitalization planning, commercial, institutional, campus, hospital, and corporate landscape design, park design, residential landscape design, planting design, and irrigation design. Key examples of his experience include: <ul style="list-style-type: none"> <li>Porter Avenue Corridor Study, City of Norman, Oklahoma – Olsson's Design Studio provided professional consulting services to for a corridor study including future land use, transportation, and implementation plans.</li> <li>17th &amp; Janeway Site Master Planning, City of Moore, Oklahoma - Olsson provided professional consulting services to study and create a master plan for the redevelopment of a 14-acre site.</li> <li>Original Mile Revitalization Plan, City of Midwest City, Oklahoma - Olsson provided professional consulting services to update the City's comprehensive plan.</li> <li>Duncan Comprehensive Plan, City of Duncan, Oklahoma - Olsson provided professional consulting services for a comprehensive plan for current and future development.</li> <li>Avon Trails Master Plan; Town of Avon, Colorado</li> <li>East Coffeyville Redevelopment Plan and Master Planning, City of Coffeyville, Kansas</li> <li>Park System Master Plan, City of Jefferson City, Missouri</li> <li>Parks Downtown Performing Arts and Farmer's Market, City of Lee's Summit, Missouri</li> <li>Master Planning &amp; Design, Aksarben Village Park, Omaha, Nebraska</li> <li>Visions Downtown Master Plan, Master Planning, Community Planning, and Design, City of Parkville, MO</li> <li>Wetlands of Prairiefire Hardscape, Amenity and Landscape Design; Prairiefire, Overland Park, Kansas</li> <li>Spirit of 76, City of Branson, Missouri</li> <li>Louisburg Downtown Broadway Complete Streets, Mid-America Regional Council, Louisburg, KS</li> <li>350 Highway Corridor Plan and Master Planning, City of Raytown, Missouri</li> <li>The Falls at Crackerneck Creek Master and Development Planning, City of Independence, Missouri</li> </ul>		g. Other experience and qualifications relevant to the proposed project: Roy has over 6 years of geotechnical engineering and construction materials engineering and testing experience. Roy is responsible for managing daily field operations, business development, and profit and loss for the Oklahoma Region Field Services Team. Services provided by Roy's team include geotechnical engineering, special inspections, construction materials testing, structural steel inspections, and non-destructive testing of structural steel. Roy performed geotechnical engineering services on multiple ODOT roadway and bridge projects. His relevant experience includes the following: <ul style="list-style-type: none"> <li>Eastern Oklahoma County (EOC) Turnpike, OTA, Oklahoma County, Oklahoma               <ul style="list-style-type: none"> <li>Bridges B &amp; C – EOC over NW 122nd Street</li> <li>Bridge D – Memorial Road over EOC</li> <li>Bridge F – NE 150th Street over EOC</li> <li>Bridge G – Luther Road over EOC</li> <li>Bridges I &amp; J – EOC over NE 164th Street</li> <li>Bridge K – Luther Road over I-44</li> <li>Bridge L – Ramp D over I-44</li> </ul> </li> <li>JKT SW Loop – Bridges 106.19 &amp; 106.20, OTA, Canadian County, Oklahoma</li> <li>JKT SW Loop – Bridges 106.11 EB &amp; 106.11 WB, OTA, Canadian County, Oklahoma</li> <li>Perkins Road Realignment, City of Stillwater, Oklahoma</li> <li>Country Club Road Reconstruction, City of Stillwater, Oklahoma</li> <li>Sangre Road Reconstruction, City of Stillwater, Oklahoma</li> <li>Airport Industrial Access Road, City of Stillwater, Oklahoma</li> <li>Greasy Bend Bridge, CED No. 4, Johnston County, Oklahoma</li> <li>Mike Monroney Boulevard Reconstruction, OCAT, Oklahoma City, Oklahoma</li> <li>OCAT Academy HQ Parking Replacement, OCAT, Oklahoma City, Oklahoma</li> <li>Indian Nation Turnpike Embankment Settlement Analysis, OTA, McAlester, Oklahoma</li> <li>Pavement Management, City of Stillwater, Oklahoma</li> <li>Old SH-99 Rehabilitation, CED No. 4, Konawa, Oklahoma</li> <li>*EC-1445D Bridges, ODOT, Love County, Oklahoma</li> <li>*EC-1444C Roadway, ODOT, Caddo County, Oklahoma</li> <li>*EC-1353D Embankment Investigation, ODOT, Mounds Oklahoma</li> <li>*EC-1353D Roadway, ODOT, Grady County, Oklahoma</li> </ul> <b>*Completed while under previous employment.</b>	



6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: <b>James Landrum, PE</b>	a. Name and Title: <b>Reza Khakpour, PE, CFM – Sr. Engineer</b>
b. Project Assignment: <b>Geotech</b>	b. Project Assignment: <b>Stormwater Mitigation</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2010</b> With other firms <b>16</b>	d. Years experience: With this firm <b>Since 2013</b> With other firms <b>20</b>
e. Education: Degree(s)/Year/Specialization <b>MS/1994/Civil Engineering BS/1992/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>MS/1996/Civil Engineering BS/1993/Civil Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>OK/2015/Professional Engineer/28289; CO/2011/Professional Engineer/PE-45085; IA/2011/Professional Engineer/20349; TX/2012/Professional Engineer/112420; KS/1998/Professional Engineer/15074; MO/1998/Professional Engineer/028954; NE/2011/Professional Engineer/E13648</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2001 / Professional Engineer / 19959 Certified Floodplain Manager</b>  Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: During his 23-year career, James has worked on a variety of projects, including schools, industrial and commercial buildings, dams, roadways, bridges, and retaining structures. He has designed temporary and permanent shoring systems, performed analyses for earth dams, embankments and native slopes, performed seepage analyses for levees, and developed remedial measures for failed slopes. James prepares fee estimates, negotiated contracts and managed budgets. He is versed in a variety of geotechnical engineering software applications.  James is responsible for client development and serves as a client manager, coordinating geotechnical projects between several offices. Completing geotechnical reports requires close coordination with other disciplines and other firms. He directs staff engineers in completion of assignments. Key examples of his experience include: <ul style="list-style-type: none"> <li>Perkins Road Improvements, City of Stillwater, Oklahoma</li> <li>Pavement Management, City of Stillwater, Oklahoma</li> <li>Western Road Borrow Pit Geotech, City of Stillwater, Oklahoma</li> <li>Western Road Improvements, City of Stillwater, Oklahoma</li> <li>Mike Monroney Boulevard Reconstruction, OCAT, Oklahoma City, Oklahoma</li> <li>Eastern Oklahoma County (EOC) Turnpike / I-44 Interchange, OTA, Oklahoma County, Oklahoma</li> <li>City of Manhattan, Geotechnical Project Engineer for Casement Road Bridge Replacement - Manhattan, Kansas</li> <li>City of Kansas City, Geotechnical Project Engineer for Colorado Avenue Bridge - Kansas City, Missouri</li> <li>Union Pacific Railroad (UPRR), Geotechnical Project Engineer for Junction Connection - El Dorado, Kansas</li> <li>Kansas Department of Transportation (KDOT), Geotechnical Project Engineer for KLINK Highway 59 Near Highway 400 - Parsons, Kansas</li> <li>City of Lee's Summit, Geotechnical Project Engineer for Tudor Road - Lee's Summit, Missouri</li> <li>Fort Leavenworth, Geotechnical Project Engineer for Sheridan Road Design/Build - Leavenworth, Kansas</li> <li>City of Kansas City, Geotechnical Project Engineer for Highway 169 Interchanges at 96th and 108th Streets - Kansas City, Missouri</li> <li>UPRR, Geotechnical Project Engineer for Yard and Side Extensions - El Reno, Oklahoma</li> </ul>	g. Other experience and qualifications relevant to the proposed project: Reza has over 17 years of experience in hydrology and hydraulics analysis and design of spillways and overflow structures. He has worked on NPDES Phase II permit requirements for a number of municipalities. He has worked on a number of flood design control and determination contracts. His project experience includes: <ul style="list-style-type: none"> <li>Polecat Creek Bank Stabilization, Oklahoma Turnpike Authority, Jenks, OK –Olsson's staff was asked to continue the work they have done as a part of their previous employment. In 2012 the design and construction of the Polecat Creek Bank Stabilization project was completed by staff members who are now a part of the Olsson team. This project included the analysis, design, plan production, regulatory agency coordination and permitting and construction observation for the stabilization of Polecat Creek bank using natural methods and re-establish the structural integrity of Creek Turnpike bridge abutment. The east abutment of Creek Turnpike bridge over Coal and Polecat Creeks was under attack by Polecat Creek and the adjacent fill near that abutment was washed away to a point that had demanded immediate attention. As a part of the obtained US Army Corps of Engineers (USACE) 404 permit, the OTA was obligated to perform monitoring and maintenance for five years and submit an annual report. Therefore, the OTA issued a Task Order for Olsson staff (design engineer for the original project) to conduct the monitoring and maintenance and produce the annual report to be submitted to USACE.</li> <li>Radio Road Channel &amp; Wetland Restoration, ODOT, El Reno, OK – Olsson's services were obtained as a sub-consultant to provide design and analysis for wetland and channel compensation due to the impacts of the proposed construction for the I-40 and Radio Road interchange. Olsson staff designed the natural channel and wetland areas, reviewed and approved the construction plans produced by the prime consultant, provided regulatory agency coordination assistance and construction over- site.</li> <li>Colony Wash River Restoration, Chesapeake, Bessie, Oklahoma – Olsson provided professional engineering services for the design, construction plan production, dam safety monitoring and construction inspection for the containment of contaminated ground and surface stormwater and restoration of creek section to its natural state.</li> <li>*Polecat Creek Realignment and Bank Stabilization Project – Oklahoma Turnpike Authority - Tulsa, OK – Study of Polecat Creek at its confluence with Coal Creek to determine the cause of destabilization and development of plan to stabilize the reach. The degradation of creek banks was threatening the bridge abutment of Creek Turnpike located near Polecat Creek. The project involved survey, hydraulic study of the creek, development of hydraulic and sediment transport models, development of solutions for creek and bank stabilization, development of construction plans, obtaining Army Corps of Engineers permit and construction observation.</li> </ul> <p><b>*Completed while under previous employment.</b></p>

**6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.**

a. Name and Title: <b>Jacob Burton, PE, CFM – Transportation Designer</b>	a. Name and Title: <b>Caroline Heller, EI, CFM – Assistant Engineer</b>
b. Project Assignment: <b>Stormwater Mitigation</b>	b. Project Assignment: <b>Stormwater Mitigation</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2014</b> With other firms <b>2</b>	d. Years experience: With this firm <b>Since 2015</b> With other firms <b>0</b>
e. Education: Degree(s)/Year/Specialization <b>BS/2012/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>BS/2015/Biosystems &amp; Agricultural Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / Engineer Intern / #14891</b> <b>2014 / CFM / OK-14-00007</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2015 / Engineer Intern / #15547</b> Oklahoma Certificate of Authority (if any)
<p>g. Other experience and qualifications relevant to the proposed project: Jacob has worked for 2 years in the civil engineering industry with an emphasis in transportation design. Employed as an Assistant Civil Engineer, his focus is site and roadway design, including but not limited to highway alignment, interchange horizontal &amp; vertical geometrics, grading &amp; drainage, utilities, erosion control, and paving. He is also specialized in hydrology and hydraulic analysis, riverine modeling, floodplain management, and floodway delineation. Key examples of his experience include:</p> <ul style="list-style-type: none"> <li>• I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination.</li> <li>• US-281, Oklahoma Department of Transportation, Caddo County, Oklahoma – Widening and Safety improvement project to include engineering design and construction plans for the improvements to US-281 from just south of Cummins Rd. north approximately 0.6 miles to just north of the North I-40 Ramps. This project will provide additional lanes to increase the capacity of the road along with protected turning movements to improve safety.</li> <li>• SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo, OK.</li> <li>• US 81 over Unnamed Creek, ODOT, Jefferson County, Oklahoma – Olsson is providing professional engineering services for the improvements to US-81 over Unnamed Creek beginning approximately 1.7 miles north of SH-32. The purpose of this project is to replace an at-risk Bridge.</li> <li>• US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient.</li> <li>• SH-152 (Texas State Line to Sweetwater), ODOT, Roger Mills &amp; Beckham Counties, Oklahoma – Engineering design and construction plans for the improvements to SH-152 beginning at the Texas State Line, extending East to the SH-30 Junction. The purpose of this project is to improve the existing highway by designing a 2-lane facility with shoulders</li> </ul>	<p>g. Other experience and qualifications relevant to the proposed project: Caroline is and Assistant Engineering, specializing in hydrology and hydraulic analysis, riverine modeling, floodplain management, and floodway delineation. Key examples of her experience include:</p> <ul style="list-style-type: none"> <li>• Polecat Creek Bank Stabilization, Oklahoma Turnpike Authority, Jenks, OK – Conducting the monitoring and maintenance and produce the annual report to be submitted to USACE.</li> <li>• Indian Nation Plaza Channel Stabilization and Wetland Creation, Oklahoma Turnpike Authority, McAlistar, OK – Conducting the monitoring and maintenance and produce the annual report to be submitted to USACE.</li> <li>• I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination.</li> <li>• US 81 over Unnamed Creek, ODOT, Jefferson County, Oklahoma – Olsson is providing professional engineering services for the improvements to US-81 over Unnamed Creek beginning approximately 1.7 miles north of SH-32. The purpose of this project is to replace an at-risk Bridge.</li> <li>• US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient.</li> <li>• On-Call Wetland and Stream Mitigation and Biological Studies (EC-1450), ODOT Grady County – Project involves preparation of environmental documentation is necessary to obtain clearance and permits for the bridge construction.</li> <li>• SH-152 (Texas State Line to Sweetwater), ODOT, Roger Mills &amp; Beckham Counties, Oklahoma – Engineering design and construction plans for the improvements to SH-152 beginning at the Texas State Line, extending East to the SH-30 Junction. The purpose of this project is to improve the existing highway by designing a 2-lane facility with shoulders.</li> <li>• SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> </ul>

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.			
a. Name and Title: <b>Reza Amini, PE – Senior Civil Engineer</b>		a. Name and Title: <b>Derick Millican, PE, PTOE – Project Engineer</b>	
b. Project Assignment: <b>Traffic</b>		b. Project Assignment: <b>Traffic</b>	
c. Name of firm with which associated: <b>Olsson Associates</b>		c. Name of firm with which associated: <b>Olsson Associates</b>	
d. Years experience: With this firm <b>Since 2014</b> With other firms <b>24</b>		d. Years experience: With this firm <b>Since 2016</b> With other firms <b>11</b>	
e. Education: Degree(s)/Year/Specialization <b>MS/1995/Civil Engineering MS/1981/Engineering Physics BS/1976/Physics</b>		e. Education: Degree(s)/Year/Specialization <b>BS/2005/Civil Engineering</b>	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / Professional Engineer / #19580</b>		f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2010 / Professional Engineer / #25027</b>	
Oklahoma Certificate of Authority (if any)		Oklahoma Certificate of Authority (if any)	
g. Other experience and qualifications relevant to the proposed project: Reza recently retired from the Oklahoma Department of Transportation (ODOT), and has joined Olsson's Transportation Department. He has nearly 25 years of experience in the industry, and specializes in roadway geometrics.  As Geometric Design Engineer, Reza reviewed consultants' traffic operational analysis as well as geometric design for every interchange project for ODOT. After review, he either approved them, made changes in order to approve them, or reject them. Reza prepared Access Justification Report or reviewed the same report prepared by the consultants for any Interstate Access Change in Oklahoma in order to get approval from Federal Highway Administration.  Reza was a member of AASHTO Technical Committee on Geometric Design from 2001 until he retired from ODOT. He was the lead author of Chapter 2 "Design Controls and Criteria" of A Policy On Geometric Design of Highways and Streets (also known as the Green Book). Reza was also a member of Transportation Research Board Technical Committee on Geometric Design from 2002 to 2008. Key examples of his experience include:		g. Other experience and qualifications relevant to the proposed project: Derick has over 11 years of experience in traffic engineering and design for transportation projects in the State of Oklahoma. Key examples of his experience include:	
<ul style="list-style-type: none"> <li>I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination.</li> <li>I-44 over 33<sup>rd</sup> West Avenue, ODOT, Tulsa, Oklahoma – Olsson was selected in April 2015 to perform survey, geotechnical information, preliminary engineering studies, preliminary and final design plans for I-44 over 33rd West Avenue in Tulsa, OK. The purpose of the project is to replace the existing functionally obsolete bridges.</li> <li>I-35/I-240 Access Justification Report, ODOT, Oklahoma City, Oklahoma – Olsson was selected in March 2015 to complete the Access Justification Report for the new I-35 / I-240 interchange design in Oklahoma City, OK. The purpose of the project is to complete the AJR to be submitted for Federal approval.</li> <li>*Retired ODOT State Geometric Design Engineer               <ul style="list-style-type: none"> <li>I-40 Frontage Road Study, Midwest City, OK</li> <li>I-40 Crosstown Functional Plans &amp; Traffic Operational Analysis, Oklahoma County, OK</li> <li>US-75 Functional Plans, Tulsa County, OK.</li> </ul> </li> </ul> <p><b>*Completed while under previous employment.</b></p>		<ul style="list-style-type: none"> <li>US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient. Derick is leading the development of traffic control and signing and striping plans.</li> <li>SH-58, ODOT, Comanche County, Oklahoma – Engineering design &amp; construction plans for the improvements to SH-58 beginning at SH-49, &amp; extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders &amp; turn lanes. Derick is preparing traffic control and signing and striping plans.</li> <li>*I-44 and Lewis Avenue Interchange Project, ODOT, Tulsa County, OK – Engineering design and construction plans for reconstruction of I-44 and its interchange with Lewis Avenue. The project included widening I-44 from four lanes to six lanes with a total project construction cost of over \$50 million. Derick led signing and striping, design of three traffic signals, and final lighting design plan development.</li> <li>*US-69 and C-Tree Road Interchange Area Bridge and Approach, ODOT/MCAAP, Pittsburg County, OK – Engineering design and construction plans for the C-Tree Road Bridge Replacement and approaches just west of US-69 and east of the McAlester Army Ammunition Plant (MCAAP). Derick led the development of a traffic study to analyze and make recommendations for improvements to C-Tree Road to accommodate traffic during peak MCAAP employee arrival and dismissal periods. Analysis included calibrated Synchro and SimTraffic models, field data collection including volumes and processing rates, microsimulation analysis of future operations, and ramp junction LOS. Recommendations included a proposed typical section for the bridge, geometric improvements, and traffic control device improvements for the US-69 ramp terminal intersections and for the C-Tree Road approach to the MCAAP.</li> <li>*I-40 Crosstown Bridge Deconstruction, ODOT, Oklahoma County, OK – Engineering design and deconstruction plans for the I-40 Crosstown Elevated Section. Derick led design efforts for temporary traffic control which was uniquely complex since the existing bridge girders were to be reused and had lead paint concerns. Construction staging included dozens of stages, 17 signed detour route to maintain traffic in Downtown Oklahoma City, and temporary construction fencing to actively discourage pedestrian intrusion.</li> </ul> <p><b>*Completed while under previous employment.</b></p>	



**6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.**

a. Name and Title: <b>Liesel Polwort, PE – Project Engineer</b>	a. Name and Title: <b>Bryan Davis, PE – Senior Civil Engineer</b>
b. Project Assignment: <b>Roadway/Bicycle/Pedestrian Facilities</b>	b. Project Assignment: <b>Roadway/Bicycle/Pedestrian Facilities</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2013</b> With other firms <b>7</b>	d. Years experience: With this firm <b>Since 2014</b> With other firms <b>27</b>
e. Education: Degree(s)/Year/Specialization <b>BS/2005/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>BSCiE/1987/Civil Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2010 / Professional Engineer / 24569</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 1992 / Professional Engineer / #16470</b> Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Liesel has a strong background in project engineering and management. Her experience has included highway design, interchange design, geometrics, signing and striping, storm drainage design, estimating, erosion control, railroad design and highway traffic noise studies. Key examples of her experience include: <ul style="list-style-type: none"> <li>US-281, Oklahoma Department of Transportation, Caddo County, Oklahoma – Widening and Safety improvement project to include engineering design and construction plans for the improvements to US-281 from just south of Cummins Rd. north approximately 0.6 miles to just north of the North I-40 Ramps. This project will provide additional lanes to increase the capacity of the road along with protected turning movements to improve safety. Ms. Polwort is providing the project management and project engineering for this project.</li> <li>I-35 Bridges over Deep Fork &amp; NE 63rd Street, Oklahoma Department of Transportation, Oklahoma County, Oklahoma – Urban Interstate and Interchange project including a preliminary engineering study of the I-35 &amp; I-44 Interchange for the purpose replacing structurally deficient and at-risk interstate bridges. Project includes the replacement of several bridges with the intent of accommodating the existing conditions as well as the future conditions based upon the study of the I-35 &amp; I-44 interchange. In addition, the project includes NEPA, Deep Fork Creek bridge hydraulics and railroad coordination. Ms. Polwort is providing project engineering for this project.</li> <li>SH-125 Improvements, ODOT, Ottawa County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to SH-125 to improve safety by widening the highway to include 8-ft. shoulders along the existing alignment.</li> <li>SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> <li>SH-99A, Oklahoma Department of Transportation, Seminole County, OK – Providing engineering design and construction plans for the improvements to SH-99A beginning approximately 5.3 miles east of the Pottawatomie County Line extending east approximately 0.5 miles. The purpose of this project is to replace a structurally deficient bridge and set a new vertical alignment for the approaches.</li> <li>SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo.</li> <li>US-281 Spur over I-40, ODOT, Canadian County, Oklahoma – Engineering design and construction plans for the replacement of US-281 Spur Bridge over I-40 beginning approximately 4.1-miles east of Caddo County line. The purpose of this project is to replace functionally obsolete and narrow span bridge.</li> </ul>	g. Other experience and qualifications relevant to the proposed project: Bryan began his engineering career inspecting roadway and bridge construction projects at the Oklahoma Department of Transportation's Wewoka Construction Residency as an engineering intern in May of 1988 after a year of rotation throughout the Department. After becoming licensed in 1992, he transferred into ODOT's Urban Design Division as a project engineer. Bryan specializes in the design of transportation related highway and county road/bridge projects. His specific project experience includes: <ul style="list-style-type: none"> <li>I-35 over Deep Fork Creek and NE 63rd Street, ODOT, Oklahoma County, Oklahoma – The project is divided into 2 phases, the Study Phase and the Design Phase. The Study Phase includes review and analysis of the existing interstate highway and site information, the study of multiple alignments and selection of a preferred alignment. The purpose of the study is to identify potential design options to mitigate future construction associated with improvements to the I-35/I-44 Interchange. The Design Phase will include complete detailed designs, calculations and construction plans for drainage, grading, surfacing, construction traffic control and bridge replacement for the improvements of I-35.</li> <li>SH 99A over Turkey Creek – Bridge Replacement, ODOT, Seminole County, Oklahoma – Olson provided design services for the replacement of a 40'-50'-40' I-Beam span bridge that is structurally deficient. The SH-99A Bridge over Turkey Creek is located approximately 7 miles north of the town of Seminole, Oklahoma. Olsson's services began with obtaining survey information to perform design and produce construction plans. Bridge hydraulic design, roadway design and bridge structural design were the design services provided by Olsson. Along with right of way and utility plan production for the DOT's use to secure the needed land for the project construction, Olsson was involved in utility relocation coordination, environmental assessment and permitting for this project. The scope of the work included the production of the final construction plans, specifications and estimates (PS&amp;E).</li> <li>US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient.</li> <li>SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo, OK.</li> <li>US-281, Oklahoma Department of Transportation, Caddo County, Oklahoma – Widening and Safety improvement project to include engineering design and construction plans for the improvements to US-281 from just south of Cummins Rd. north approximately 0.6 miles to just north of the North I-40 Ramps. This project will provide additional lanes to increase the capacity of the road along with protected turning movements to improve safety.</li> </ul>

**6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.**

a. Name and Title: <b>Dayne Weierbach, PE – Sr. Engineer</b>	a. Name and Title: <b>Colby Bachman, PE, CFM – Assistant Engineer</b>
b. Project Assignment: <b>Roadway/Bicycle/Pedestrian Facilities</b>	b. Project Assignment: <b>Roadway/Bicycle/Pedestrian Facilities</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2016</b> With other firms <b>29</b>	d. Years experience: With this firm <b>Since 2014</b> With other firms <b>2</b>
e. Education: Degree(s)/Year/Specialization <b>BS/1987/Civil Engineering</b>	e. Education: Degree(s)/Year/Specialization <b>BS/2012/Civil Engineering</b>
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / 2003/ Professional Engineer / 20930</b> <b>Maryland / 1993 / Professional Engineer / 19928</b> Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>Oklahoma / Engineer Intern / #14990</b> Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Dayne is a senior engineer with an extensive background in project management and project engineering for transportation projects. His experience includes all aspects of highway design including: typical sections; horizontal and vertical geometry; grading; drainage and erosion control; pavement layout and details; striping and signing; construction sequencing and construction traffic control; pay quantities; and coordination with structural engineers for design of bridges, retaining walls and special drainage structures. Key examples of his experience include: <ul style="list-style-type: none"> <li>• SH-125 Improvements, ODOT, Ottawa County, Oklahoma – Olsson is providing professional engineering services for engineering design and construction plans for the improvements to SH-125 to improve safety by widening the highway to include 8-ft. shoulders along the existing alignment.</li> <li>• US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient.</li> <li>• Olsson is performing survey, geotechnical information, preliminary engineering studies, preliminary and final design plans for I-44 over 33rd West Avenue in Tulsa, OK. The purpose of the project is to replace the existing functionally obsolete bridges.</li> <li>• *I-235/US-77 and I-44 Interchange (Broadway Extension), Oklahoma Department of Transportation, Oklahoma County, Oklahoma – This Urban Interstate and Interchange project includes the reconstruction of a 3-mile segment of north-south urban interstate highway located between 36th Street on the south and 63rd Street on the north in Oklahoma City for ODOT. This project involved extensive interstate highway geometric design, three multilevel interchanges, complex multilevel bridges, roadway and bridge hydraulic analysis within FEMA floodplains, two railroad crossings, urban street and intersection design and utility locations and relocation coordination.</li> <li>• *SH-20 Claremore Bypass Interchange Study, Oklahoma Department of Transportation, Roger County, Oklahoma – Alignment study for proposed State Highway 20 Bypass and interchanges at State Highway 66 and Interstate 44. Scope included analysis of three alternative designs for the interchanges at SH 66 and I-44 including a modified trumpet interchange, a modified three-quadrant diamond interchange, and a modified trumpet with two loop ramps. As Lead Civil Engineer, Mr. Weierbach was responsible for all aspects of the roadway design including highway geometrics, traffic operations analysis, preliminary cost estimating and preparation of a detailed report of findings.</li> </ul> <b>*Completed while under previous employment.</b>	g. Other experience and qualifications relevant to the proposed project: Colby is a transportation roadway designer with over 5 years of experience. He has been a roadway designer on a wide variety of transportation projects including highway reconstruction, rural/urban street widening & reconstruction and drainage improvements. Key examples of his experience include: <ul style="list-style-type: none"> <li>• SH-99A, Oklahoma Department of Transportation, Seminole County, OK – Providing engineering design and construction plans for the improvements to SH-99A beginning approximately 5.3 miles east of the Pottawatomie County Line extending east approximately 0.5 miles. The purpose of this project is to replace a structurally deficient bridge and set a new vertical alignment for the approaches.</li> <li>• SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> <li>• US-281, Oklahoma Department of Transportation, Caddo County, Oklahoma – Widening and Safety improvement project to include engineering design and construction plans for the improvements to US-281 from just south of Cummins Rd. north approximately 0.6 miles to just north of the North I-40 Ramps. This project will provide additional lanes to increase the capacity of the road along with protected turning movements to improve safety. Ms. Polwort is providing the project management and project engineering for this project.</li> <li>• SH-152 (Texas State Line to Sweetwater), ODOT, Roger Mills &amp; Beckham Counties, Oklahoma – Engineering design and construction plans for the improvements to SH-152 beginning at the Texas State Line, extending East to the SH-30 Junction. The purpose of this project is to improve the existing highway by designing a 2-lane facility with shoulders.</li> <li>• US 81 over Unnamed Creek, ODOT, Jefferson County, Oklahoma – Olsson is providing professional engineering services for the improvements to US-81 over Unnamed Creek beginning approximately 1.7 miles north of SH-32. The purpose of this project is to replace an at-risk Bridge.</li> <li>• Market Road Rehabilitation, CED No. 4, Seminole County, Oklahoma – Olsson is providing professional engineering services for preliminary engineering design and provide construction plans for approximately 4 miles of county road in Seminole County. The main focus of the project is to widen the roadway with 3' shoulders and provide a 24' asphalt surface while minimizing additional right-of-way. The improvements to the existing roadway include resurfacing the existing lanes and an addition of 3-foot shoulders on both sides.</li> <li>• SH-15 Widening, Oklahoma Department of Transportation, Ellis County, Oklahoma – Rural US Highway 3R project including the widening and resurfacing of approximately 9 miles of roadway adjacent to the BNSF railroad and near the town of Fargo.</li> </ul>

**6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.**

a. Name and Title: <b>Nic Schrader, PLS</b>	a. Name and Title: <b>Dan Bennett</b>
b. Project Assignment: <b>Survey</b>	b. Project Assignment: <b>Survey</b>
c. Name of firm with which associated: <b>Olsson Associates</b>	c. Name of firm with which associated: <b>Olsson Associates</b>
d. Years experience: With this firm <b>Since 2006</b> With other firms <b>4</b>	d. Years experience: With this firm <b>Since 2014</b> With other firms <b>47</b>
e. Education: Degree(s)/Year/Specialization <b>BS/2004/Cartographic Sciences</b>	e. Education: Degree(s)/Year/Specialization
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>OK/2014/Professional Land Surveyor/1898 LS</b>  Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number <b>HAZWOPER Certified</b>  Oklahoma Certificate of Authority (if any)
<p>g. Other experience and qualifications relevant to the proposed project: Nic has 15 years of experience in the field of land surveying. He is trained in GPS and Robotic Total Stations equipment, as well as ArcGIS. He earned a certificate in GIS and has experience performing plane surveying, completing survey computations, managing the legal aspects of boundary surveying, conducting GPS surveying, conducting GIS remote sensing, performing aerial photography, and performing cartography.</p> <p>Nic served as survey crew chief on the following projects:</p> <ul style="list-style-type: none"> <li>I-35 over Deep Fork, Oklahoma City – Engineering topographical survey for design of new roadway and bridges.</li> <li>US-281, Oklahoma Department of Transportation, Caddo County, Oklahoma – Widening and Safety improvement project to include engineering design and construction plans for the improvements to US-281 from just south of Cummins Rd. north approximately 0.6 miles to just north of the North I-40 Ramps. This project will provide additional lanes to increase the capacity of the road along with protected turning movements to improve safety.</li> <li>SH-125 Fairland, OK – Engineering topographical survey for widening improvements</li> <li>SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> <li>SH-152 (Texas State Line to Sweetwater), ODOT, Roger Mills &amp; Beckham Counties, Oklahoma – Engineering design and construction plans for the improvements to SH-152 beginning at the Texas State Line, extending East to the SH-30 Junction. The purpose of this project is to improve the existing highway by designing a 2-lane facility with shoulders.</li> <li>US-281 Spur over I-40, ODOT, Canadian County, Oklahoma – Engineering design and construction plans for the replacement of US-281 Spur Bridge over I-40 beginning approximately 4.1 miles east of Caddo County line. The purpose of this project is to replace functionally obsolete and narrow span bridge.</li> <li>SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> <li>MoDOT District 9, Route JJ Surveying Services - Greene County, Missouri</li> <li>MoDOT, I-44 Right-of-Way Survey - Phelps County, Missouri</li> <li>City of Springfield, East/West Arterial: Kissick to U.S. 65 at Existing Evans Road Interchange Boundary/Topographic Survey, Platting, Right-of-Way Acquisition/Coordination - Springfield, Missouri</li> </ul>	<p>g. Other experience and qualifications relevant to the proposed project: Dan has been involved in the design, drafting and surveying of highways, public and private utility systems, subdivisions and commercial development site improvement projects. Some of these projects include the following:</p> <ul style="list-style-type: none"> <li>I-35 over Deep Fork, Oklahoma City – Engineering topographical survey for design of new roadway and bridges.</li> <li>SH-125 Fairland, OK – Engineering topographical survey for widening improvements</li> <li>US-281 Spur over I-40, ODOT, Canadian County, Oklahoma – Engineering design and construction plans for the replacement of US-281 Spur Bridge over I-40 beginning approximately 4.1-miles east of Caddo County line. The purpose of this project is to replace functionally obsolete and narrow span bridge.</li> <li>US-283 over the Elm Fork of the Red River, ODOT, Greer County, OK – Engineering design and construction plans for improvements to the US-283 bridges over the Elm Fork of the Red River and its Overflow, located 1.5 and 1.8 miles north of the SH-9 West junction. The purpose of this project is to replace bridges that are currently at risk of becoming structurally deficient.</li> <li>SH-58, ODOT, Comanche County, Oklahoma – Engineering design and construction plans for the improvements to SH-58 beginning at SH-49, and extending Northwest 6.4 miles. The purpose of this project is to improve safety of the existing highway by adding wider shoulders and turn lanes.</li> <li>SH-152 (Texas State Line to Sweetwater), ODOT, Roger Mills &amp; Beckham Counties, Oklahoma – Engineering design and construction plans for the improvements to SH-152 beginning at the Texas State Line, extending East to the SH-30 Junction. The purpose of this project is to improve the existing highway by designing a 2-lane facility with shoulders.</li> <li>*Data Reconnaissance (EC-1056) Reconnaissance Data Collection services to the Oklahoma Department of Transportation to assist them in accelerating the pre-construction activities for projects in the 8-Year Construction Work Plan. Task Orders were issued to complete reconnaissance reports for a total of 11 bridge sites located in Division 4 counties of Canadian, Grant, Logan, Kaye, and Noble.</li> <li>*US-60 Corridor Study from Pawhuska east to Bartlesville, Oklahoma Department of Transportation, Osage County, Oklahoma – Provided survey services for roadway improvements to US-60 from Pawhuska east approximately 24 miles to Bartlesville in Osage County, for Federal Highway Administration's (FHWA) approval.</li> <li>*Broadway Extension, Oklahoma Department of Transportation, Oklahoma City, Oklahoma – 7-mile roadway GPS real-time topographic surveying for engineering design.</li> <li>*36th Avenue West, City of Norman, Oklahoma – 3 miles of topographic survey for pavement widening. 5.5 miles of water line profiles.</li> <li>*Hefner Road – Portland to McArthur, Oklahoma Department of Transportation, Oklahoma City, Oklahoma – Engineering topographic survey for paving widening and drainage improvements.</li> </ul> <p><b>*Completed while under previous employment.</b></p>



**7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)**

a. Project Name and Location "P", "C", "JV" or "I"	b. Nature of Firm's Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
				Entire Project	Firm's Portion
<b>1. Western Road Improvements</b> <i>Stillwater, Oklahoma</i>	C	Olsson provided professional engineering services for a study and the engineering design and construction plans for the Western Road improvements from Hall of Fame to Lakeview Road for the City of Stillwater.	City of Stillwater PO Box 1449 Stillwater, OK 74076	2017	\$9,000

**Project Description**

Olsson Associates provided engineering services to the City of Stillwater for the Western Road Widening Project from Hall of Fame to Lakeview Road as part of an On-Demand Transportation project contract. The project was a joint venture between the City of Stillwater, Oklahoma State University (OSU) and the Oklahoma Department of Transportation (ODOT). Western Road was a 2-lane asphalt roadway with minimal shoulders on the west side of campus. This portion of Western Road provides access to and from OSU and the Stillwater Regional Airport, neighborhoods, and other agencies. The southern portion of the project is mostly located within a Natural Resource Conservation Service (NRCS) flood control structure and traverses over the top of the structure's dam.

The project included realigning Western Road with Farm Road in order to create a new single intersection at Hall of Fame. Hall of Fame and Farm Road were widened to include left hand turn lanes and Western Road was widened from 2 lanes to 4 lanes. The vertical grade of Western Road was improved to provide adequate sight distance where it traverses the top of the dam. The tight horizontal curve between the dam and the intersection was improved to provide an adequate curve for the required design speed. A new signal was provided at Western and McElroy Road to replace an existing 4 way stop to accommodate the increased traffic demand. Additional signal modifications were also included at Western and Lakeview road as Western Road was widened from 2 lanes to 4 lanes.

Olsson is providing the following services for this project:

- Roadway Engineering
- Bridge Engineering
- Stormwater Design (Hydrology & Hydraulics)
- Traffic Studies
- Traffic Engineering
- Signal Design
- Bicycle & Pedestrian Facility Studies
- Multiuse Pedestrian Trail Design
- Utility Coordination
- Context Sensitive Design
- Streetscape
- Lighting



**7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)**

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature of Firm's Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
<b>2. Perkins Road Improvements</b> <i>Stillwater, Oklahoma</i>	C	Olsson provided professional engineering services for improving an existing 4 lane road by adding turn lanes and access management to improve safety of a highly congested corridor.	City of Stillwater PO Box 1449 Stillwater, OK 74076	2016	\$5,000	\$5,000

**Project Description**

Olsson was selected to perform the survey, preliminary engineering design and public involvement for the Perkins Road improvements from McElroy to Lakeview Road for the City of Stillwater. The project included improving an existing 4 lane road by adding turn lanes and access management to improve safety of a highly congested corridor. The project includes survey, public participation by stakeholders, access management, engineering support and a final engineering report.

Olsson is providing the following services for this project:

- Roadway Engineering
- Stormwater Design (Hydrology & Hydraulics)
- Traffic Studies
- Traffic Engineering
- Signal Design
- Bicycle & Pedestrian Facility Design
- Utility Coordination
- Context Sensitive Design
- Public Involvement
- Engineering Report



7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)						
a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature of Firm's Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
<b>3. Airport Road and Washington Street Sidewalk Improvements</b> <i>Stillwater, Oklahoma</i>	C	Olsson provided engineering design and construction plans for new sidewalk construction along two critical pedestrian corridors for the City of Stillwater.	City of Stillwater PO Box 1449 Stillwater, OK 74076	2017	\$300	\$300

**Project Description**

Olsson was selected in 2016 to perform the engineering design and construction plans for new sidewalk construction along two critical pedestrian corridors for the City of Stillwater. The project was a Community Development Block Grant (CDBG) project that primarily served to connect the Wings of Hope Family Crisis Services Center to bus stops on both Airport Road and Washington Street and to the Kameoka Trail with a tie-in on Boomer Lake. Services included topographic survey, legal descriptions for proposed easements, a pedestrian bridge, signalized intersection improvements, bus stop improvements, retaining wall design and the production of construction plans.

Olsson is providing the following services for this project:

- Survey
- Legal Descriptions
- Geometric Design of Sidewalk
- Signal Modification Plan
- Construction Details with Spot Grading at Driveways, Bus Stops, and Pedestrian Bridge
- RCB Extension and New Headwall Design Details
- Erosion Control Plans
- Stormwater Management Plan
- Preparation of Project Stormwater Pollution Prevention Plan (SWPPP)
- Multi-use Pedestrian Trail Design
- Utility Coordination
- Preparation of Project Specifications / Project Manual






**7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)**

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature of Firm's Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
<b>4. Nebraska Furniture Mart Pedestrian Bridge</b> <i>Omaha, NE</i>	C	Design pedestrian bridge to reduce flooding and provide parking access	City of Omaha 1819 Farnam Street Omaha, NE 68183	2012	\$76	\$76

*Project Description*

Olsson The City of Omaha was approached by the Nebraska Furniture Mart to partner on an improved pedestrian access to the Keystone Trail as part of the new site for Nebraska Furniture Mart's corporate office. The previous bridge over the Little Papillion Creek upstream of 72nd Street offered no public parking access to the trail and was considered an impact to flooding because of its large timber piers which supported the old railroad bridge.

Olsson Associates was hired to replace/relocate this pedestrian crossing to reduce impacts of flooding, to provide new trail access and parking, and to provide a safer crossing for Nebraska Furniture Mart employees. Services that Olsson provided included the following:

- Site design for the new bridge location, parking lot, and connecting trail
- Hydraulic analysis of the railroad bridge removal and new bridge construction
- Site design and coordination for relocating an existing pedestrian bridge approximately 1 mile away
- Geotechnical exploration and analysis for new bridge abutments and piling supports, including helical piling design
- Structural design of bridge abutments and connections
- Coordination with pre-manufactured bridge suppliers before and after construction bids
- Construction administration



7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)						
a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature of Firm's Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
5. Coal Creek Trail Erie, CO	C	Design and construction administration for multi-use trail along the Coal Creek Corridor	Town of Erie Colorado 450 Powers Street Erie, CO 80516	2010	\$122	\$122

### Project Description

Olsson Associates Landscape Architectural Team worked with the Town of Erie for the design and construction documents for a 2.0 mile section of multi-use recreational trail along the Coal Creek corridor.

Olsson Associates provided project management, design, construction documents, bidding assistance, construction administration and GOCO Grant administration for the completion of this multi-use trail which is located between Vista Parkway and State Highway 7, adjacent to Coal Creek.

In addition to the trail design, Olsson Associates also looked at developing a small trail head south of Vista Parkway, pedestrian bridge crossings and a pedestrian crossing under State Highway 7, and evaluated a potential alternative alignment which would run parallel to County Line Road.

The corridor is home to a variety of wildlife and vegetation and provides incredible views of the Front Range. Olsson Associates routed the trail in the most environmentally and sustainable alignment to ensure that trail will be enjoyed by all for generations to come.

This project was funded in part by a Greater Outdoors Colorado (GOCO) Special Opportunity Grant. Erie, in partnership with Lafayette and Boulder County secured \$500,000 in GOCO funding for this exciting and much needed 'missing link' in the Coal Creek/Rock Creek trail system.

Olsson Associates was a major contributor to the grant application and was responsible for writing several of the supportive informational sections as well as providing exhibits showing the local and regional importance of this trail section, cost information and a detailed project schedule.





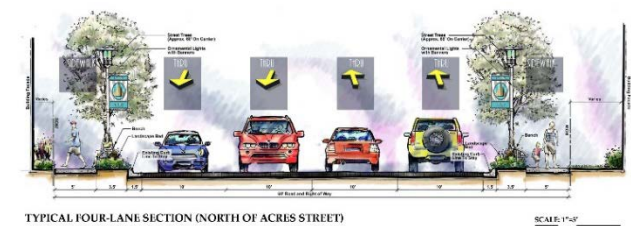
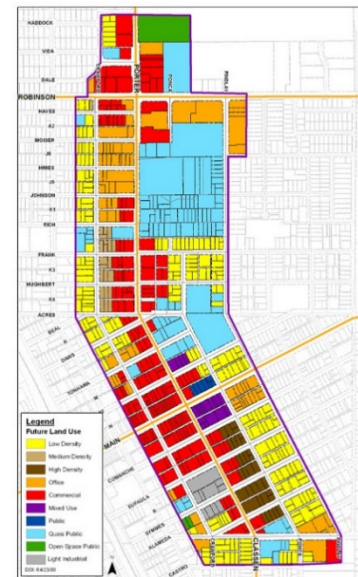
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					Entire Project	Firm's Portion
<b>6. Porter Avenue Corridor Study</b> <i>Norman, Oklahoma</i>	C	Olsson's Design Studio (f.k.a. Oschner Hare & Hare) provided professional consulting services to for a corridor study including future land use, transportation, and implementation plans.	City of Norman PO Box 370 Norman, OK 73070	2007	\$140 (fee)	\$120 (fee)

**Project Description**

Porter Avenue was the original highway connecting Oklahoma City, Oklahoma with Dallas, Texas. The Porter Avenue of yesteryear housed gas stations, motels, diners, and other related services to the corridor's many travelers. Today, Porter is a corridor needing revitalization to allow for multi modal transportation and redevelopment of adjacent land use, while protecting the existing neighborhoods.

The Corridor Study (Phase I) included a future land use plan, a future transportation plan, an implementation plan, the identification of key redevelopment opportunities, retail and mixed-use development concepts, demonstration block concepts, a market analysis, and cost estimates for infrastructure improvements. The study was driven by a layered public engagement process that included stakeholder interviews, walking tours of the corridor, visioning and charrette sessions, and open houses.





7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)						
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					Entire Project	Firm's Portion
<b>7. 17<sup>th</sup> &amp; Janeway Site Master Planning</b> <i>Moore, Oklahoma</i>	C	Olsson provided professional consulting services to study and create a master plan for the redevelopment of a 14-acre site.	Butzer Architects and Urbanism 718 W. Sheridan Ave. Oklahoma City, OK 73102	2016	\$110 (fee)	\$110 (fee)

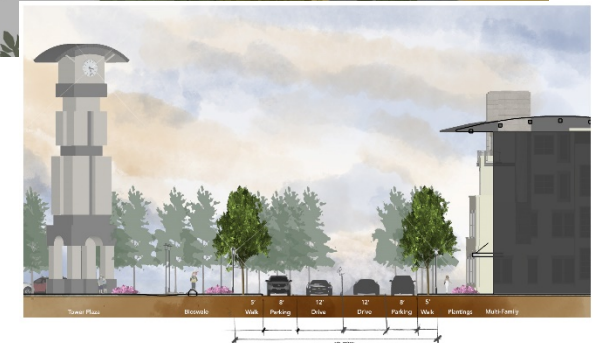
### Project Description

Olsson Associates (Olsson) was hired as part of a team to study and master plan a redevelopment in Moore. The devastating 2013 Moore tornados left this particular 14-acre parcel completely empty. The team, led by Butzer Architects & Urbanism, was responsible for the following scope:

- Public outreach
- Market Studies & Pro-Formas
- Design charrettes
- Master planning
- Preliminary Design & Site Engineering Guidelines
- Integration of site to Moore Stormwater & Transportation Plans
- Integration of site to adjacent Little River Park
- Revisions to City's development Code/Ordinances

Olsson provided the following services:

- Public Outreach
- Survey
- Master Planning
- Preliminary Civil Engineering



**7. Work by Firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects)**

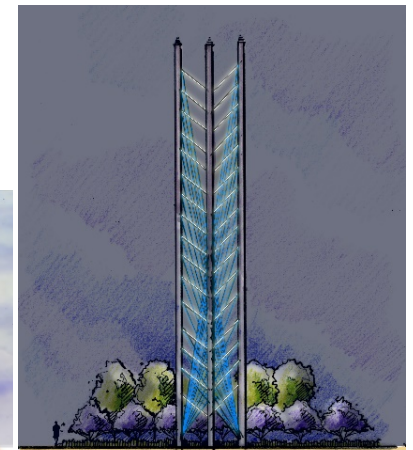
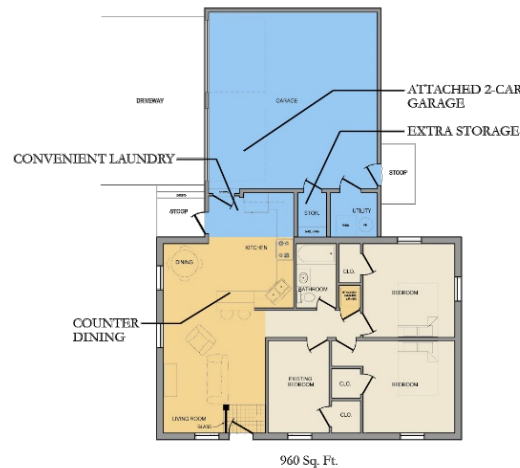
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					Entire Project	Firm's Portion
<b>8. Original Mile Revitalization Plan</b> <i>Midwest City, Oklahoma</i>	C	Olsson provided professional consulting services to update the City's comprehensive plan.	City of Midwest City 100 N. Midwest Blvd. Duncan, OK 73110	2006	\$87 (fee)	\$74 (fee)

**Project Description**

Midwest City gained national recognition for its initial community planning in the 1940s and became a model for postwar community development. In many ways, the city remains relatively unchanged in the past 20 years and as result, the city has seen a decline in existing housing conditions.

Olsson's Design Studio (f.k.a. Oschner Hare & Hare) was commissioned by the City of Midwest City to update its comprehensive plan to attract and direct commercial development as well as address housing needs, specifically within the City's Original Mile.

As part of the comprehensive plan, Olsson conducted an existing housing condition survey of 1,879 structures. Each building's current condition was assessed on its structural integrity, aesthetics, current occupancy, ownership, architectural character, and adjacent driveway and sidewalk condition. The data from the survey was entered into and analyzed with GIS to direct the comprehensive plan and guide future development.





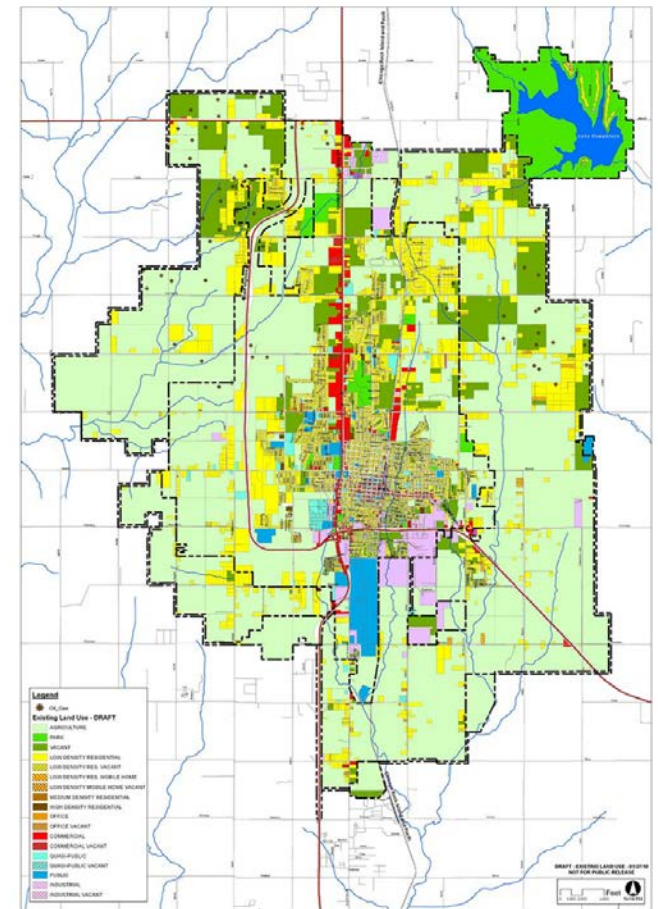
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a. Project Name and Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address	d. Completion Date	e. Est. Cost (000's)	
				Entire Project	Firm's Portion
<b>9. Duncan Comprehensive Plan</b> <i>Duncan, Oklahoma</i>	C	Olsson provided professional consulting services for a comprehensive plan for current and future development.	City of Duncan PO Box 70 Duncan, OK 73534	2005	\$75 (fee)

**Project Description**

The City of Duncan, Oklahoma selected Olsson's Design Studio (f.k.a. Oschner Hare & Hare) to prepare a comprehensive plan that would address the current and future housing needs and commercial development for the City as its population and demographics continue to change.

As part of the comprehensive plan, Olsson conducted a block-by-block existing housing condition survey. Each home was assessed on its current condition and given a rating based on aesthetics, structural integrity, architectural defects and adjacent driveway and sidewalk condition. The raw data from the survey was then entered into, and analyzed with a Geographic Information System program. The results were used concurrently by the City and Olsson to direct both the comprehensive plan, and as a basis for a neighborhood redevelopment plan.



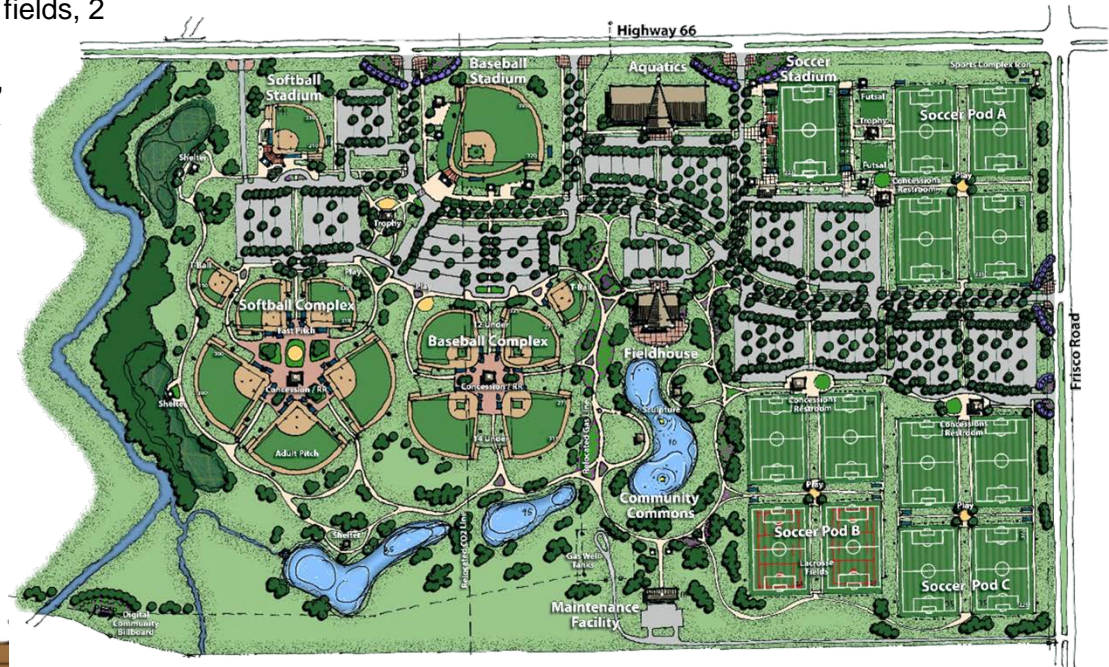


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					Entire Project	Firm's Portion
<b>10. Yukon Sports Complex</b> <i>Yukon, Oklahoma</i>	C	Olsson is providing professional engineering services for the completion of a large sports complex including site design, landscaping and trails.	City of Yukon 500 W. Main Street Yukon, OK 73099	TBD	\$65,000	\$65,000

**Project Description**

Olsson masterplanned a multiuse sports complex for the City of Yukon on a 240+ acre site at the southeast corner of Route 66 and Frisco Road. The masterplan allowed for 13 soccer fields, 5 baseball fields, 6 softball fields, 2 T-Ball fields, community center/field house, maintenance facility, concession areas, play grounds, trails, parking lots, streets, utilities, landscaping, irrigation, hardscaping, lighting, signage, and complex branding.



8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.



## THE TEAM

**Olsson Associates**, ranked number 106 on the Engineering News-Record list of Top 500 Design Firms, employs more than 1,000 staff members who provide transportation, surveying, traffic, transportation planning, environmental, water resources, construction management and observation, geotechnical, GIS, mapping, intelligent transportation systems, public involvement, structural, water/wastewater, power electrical, automation and technology, land development, landscape architecture, urban design, airport consulting, specialty lighting, mechanical/electrical, and public involvement services. Our staff consists of highly trained professional and technical personnel with broad experience in all phases of engineering design and construction phase services.

## FAMILIARITY WITH ODOT TEAM AND PROCEDURES

Olsson is accustomed to the Department's procedures and our team members are familiar with your staff. Our Team members have individual histories dating back 35+ years on a multitude of ODOT projects across the state. Olsson staff views ODOT as our number one client and our goal is to be ODOT's consultant of choice for years to come.

## PROJECT PERFORMANCE

Our team understands the importance of ODOT's budget and schedule and our staff has performed for ODOT on many similar projects meeting or exceeding deadlines. Our commitment is the same service and dedication for this project that this team has provided in the past. The Project Manager (Russell Beaty) and Team for this project have been selected based upon their expertise and ability to identify and perform the practical, yet aesthetically pleasing enhancements and design necessary for successful projects.

## SPECIALIZED EXPERIENCE

The Olsson team has vast experience in transportation enhancement design. Our team will be able to provide ODOT with access to strong knowledge base that will provide ODOT with cost-effective and functional enhancements that will enrich the traveling experience for the public. Our past experience working on ODOT projects and working with ODOT staff will be invaluable to efficiently producing these reports.

## CAPACITY

We have the capacity to complete these contracts ahead of schedule. The Olsson offices in Oklahoma City and Tulsa, which currently has a staff of 80+, will provide the services for this contract. With more than 1,000 employees in the region, Olsson Associates has the capacity and expertise to provide professional services for multiple contracts simultaneously. Please see the organizational chart for the listing of the Team members that will work on this project. All members of this Team work continually on transportation related projects.

## PAST PERFORMANCE

Olsson upholds a high standard for providing professional engineering services. Our staff is the difference, this team has performed successful projects with ODOT in the past and those past results are the assurance of future performance. Please feel free to contact our references regarding our past performance. Contact information is located in Item 7, Section C of this submittal.



ODOT Checklist

**9. 61 O.S. 64. Offenses**

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature: Alan A. Soltani Typed Name and Title: Regional Director

Date:

07/21/17

Return this form along with your letter expressing interest to the agency from whom you received the notice on this project.