

QUALIFICATIONS RECORD

Structure Inspection Program

Wisconsin Department of Transportation
DT2001 2003 s.84.17 Wis. Stats.

Applicant Name Roy A. Forsyth, E.I.T.	Area Code - Telephone Number - Home 414-416-1883 (Cell)	
Address 6020 S. Packard Avenue, 2 nd Floor	Area Code - Telephone Number - Work 414-769-8925	
City Cudahy	State WI	ZIP Code 53110-3028
E-Mail Address rforsyth@collinsengr.com	Employer Collins Engineers, Inc.	

Refer to the Wisconsin DOT Structure Inspection Manual for required qualifications. Forward two completed copies of this form to the Statewide Structure Inspection Program Manager via the District Program Manager or directly at 4802 Sheboygan Ave., Room 601, PO Box 7916, Madison, WI 53707-7916. One copy will be returned to you with an assigned number if deemed qualified.

PART I - REGISTRATION/TRAINING - Complete All Information

Wisconsin Registered Professional Engineer – No Reg. No.: _____ Emphasis: Structural/Geotechnical
NICET Level III or IV - No Reg. No.: _____ If Yes, Attach Copy of Certificate
NHI Based 80-Hour Training Course - Yes Date: 06/03 If Yes, Attach Copy of Certificate

Pertinent Inspection Related Training Courses Completed

- FHWA 80-Hour Safety Inspection of In-Service Bridges
- WisDOT Underwater Bridge Inspection Training Course
- Confined Space Training Course
- Fall Protection Training Course

Additional Specialized Certifications

- PADI Open Water Scuba Certification, 06/99
- WisDOT Aggregate Sampling Technician (AGGTEC-1)
- Construction Management and Record Keeping Training Course
- Construction Quality Management (QMP) Training Course
- Construction Field Manager Training Course
- HTCP Concrete Testing / PCC-I/IA Certification

APPROVAL: FOR WISDOT PROGRAM MANAGER USE ONLY! DO NOT WRITE BELOW THIS LINE.

- | | |
|--|--|
| <input checked="" type="checkbox"/> Visual Acuity Certificate Attached | <input checked="" type="checkbox"/> Experience Reviewed/Verified |
| <input checked="" type="checkbox"/> NHI Based 80-Hour Training Course Certificate Attached | <input checked="" type="checkbox"/> Reference Letter Attached |

Qualified As ☐ Program Manager
☒ Team Leader

Reviewed By <i>ASST- STATEWIDE</i> , Program Manager <i>David Babler</i>	Date <i>8/2/04</i>
<input checked="" type="checkbox"/> Central Office <input type="checkbox"/> District <input type="checkbox"/> County	
Assigned Number <i>9534</i>	Assigned By <i>Mia Van Loo</i>
Assigned Date <i>8/3/04</i>	Date Copy Returned to Applicant <i>8/3/04</i>

PART II - EXPERIENCE - Attach Additional Sheets If Needed

Persons other than a P.E. or NICET Level III/IV are required to complete Part II in its entirety. A minimum of 5 years of responsible bridge inspection experience for Team Leaders and 10 years for Program Managers must be shown. P.E.'s and NICET individuals are also requested to complete Part II for informational purposes only. List all relevant experience.

Bridge Safety Inspection Field Experience

Please state your experience in various types of bridges (i.e., steel girders, concrete girders, trusses, slabs, prestressed girders, culverts, movable bridges, other complex structures, etc.).

Date From	Date To	Describe Bridge Type(s) and Inspection Type(s)	Name & Telephone No. for References	Approx. %*
2003	Present	Routine and underwater bridge inspections of steel girder, concrete girder, trusses, slabs, prestressed girders, culverts, masonry arches, and post-tensioned concrete segments. Developed 2-day WisDOT Bridge Inspection Training Course. Developed and presented WisDOT U/W Bridge Inspection Training Course. Developed WisDOT Structure Inspection Manual and WisDOT Bridge Inspection Pocket Book.	Terry Browne 414-769-8925	85%
2002	2003	U/W bridge inspections; routine bridge inspections; bridge design of single and double span bridges using WisDOT standards.	Ayres & Associates Chris McMahon 715-834-3161	90%
2001	2002	Routine bridge inspections; design of reinforced concrete floodwalls; levy alignment and settlement of adjacent structures; emergency flood duty.	US Army Corps of Engineers Tom Sulley 651-290-5722	90%
1992	2001	Inspection, maintenance, design, and construction inspection of residential housing complexes.	Lockington Construction Company Bill Lockington 608-323-7778	0%


* Percent of year devoted to bridge safety inspection field work.

I, the undersigned, affirm that all statements and data in Parts I and II are true and correct. I understand that any misrepresentation may constitute fraud, and may be punishable to the full extent of the law. Furthermore, I understand that it is my responsibility to stay current on bridge inspection issues, and that I will notify the WisDOT Statewide Program Manager of any name or mailing address changes in writing within 30 days.


(Applicant Signature)

7.21.04
(Date)

Signature of Individual Providing Letter Reference: See attachment A for Format


(Signature)

7-21-04
(Date)

INSPECTOR VISUAL ACUITY RECORD

Structure Inspection Program

Wisconsin Department of Transportation
DT2005 2003 s.84.17 Wis. Stats.

Name of Inspector/Number	Roy Forsyth	Date	5-12-04
Address	6020 S Packard Ave. Cudahy, WI 53110	Area Code - Telephone Number - Home	(414) 416-1883
E-Mail Address	rforsyth@collinsengr.com	Area Code - Telephone Number - Work	(414) 769-8925

TO ALL WISDOT BRIDGE INSPECTION TEAM LEADER CERTIFICATION CANDIDATES

Please use the services of an Ophthalmologist, Optometrist, Ophthalmic Technician, Medical Doctor, Registered Nurse, or Certified Physician's Assistant to administer your **required** eye examination. The examination results are good for 24 months from the date the examination was administered. Please send the original form completed by the eye examiner to WisDOT and **keep a copy for your files**. Every Bridge Inspection Team Leader must be re-examined at the end of the 24-month period and resubmit their examination results to WisDOT in order to remain certified as a Team Leader.

All candidates must pass an eye examination, **with or without** corrective lenses, to prove near vision acuity on Jaeger J2 at 12-17 inches. Eye examination results shall be submitted on forms furnished by WisDOT.

WisDOT will not accept a visual acuity record that does not comply with these requirements. Applicants may submit completed visual acuity records to the Statewide Structure Inspection Program Manager at 4802 Sheboygan Ave., Room 601, PO Box 7916, Madison, WI 53707-7916.

TEST RESULTS

Candidate Name	Roy Forsyth	Eye Exam Date	5/12/04
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Does the candidate possess near vision acuity of Jaeger J2 (letters 0.37 mm in size) at a distance of 12-17 inches?

- ☒ Yes
☐ Yes, but with corrective lenses

Does the candidate possess color perception (using pseudoisochromatic plates)?

- ☒ Yes
☐ No

Does the candidate possess the ability to differentiate between red and green?


- ☒ Yes
☐ No

Please identify your professional level by checking one of the following:

- ☐ Optometrist ☒ Medical Doctor ☐ Ophthalmologist ☒ Ophthalmic Technician ☐ R.N. ☐ P.A.

Eye Examiner Name	Glen Graves M.D. / Mary Sabnash	State License Number	H27890
Professional Address	6020 S. Packard COT	City, State, ZIP Code	Milwaukee Wis 53207 53110
Area Code - Telephone Number	(414) 769 6900		

I certify that I, the undersigned, administered an eye examination which demonstrated the vision capabilities of the named candidate indicated above.


(Eye Examiner Signature)

5/12/04
(Date)

On-site training based on

Certificate of Training



U.S. Department
of Transportation

**Federal Highway
Administration's
BITM 90
80 hr Course**

Roy A. Forsyth, E.I.T.

has satisfactorily completed training in

Safety Inspection of In-Service Bridges

conducted by

Collins Engineers, Inc.

Location: Chicago, Illinois

Hours of Instruction: 80

Date: August, 2003

Continuing Education Units: 6.0

Instructor

Thom Collier
Coordinator



July 21, 2004

Mr. Bruce F. Karow, P.E.
Bridge Inspection Program Manager
WisDOT Central Office
4802 Sheboygan Avenue, Room 601
Madison, WI 53705

RE: Roy A. Forsyth's Qualifications

Dear Bridge Inspection Program Manager:

This letter is submitted as verification of the experience of Mr. Forsyth in the field of bridge inspection and allied areas. I have personal knowledge that Mr. Forsyth has a degree in structural engineering and 5 years of experience in bridge inspection and allied areas while working for Collins Engineers, Inc. and other firms as outlined below:

Mr. Forsyth has compiled a significant amount of inspection experience including inspections of bridges, dams, sea-walls, wharfs, and potable water tanks. In addition, he has conducted countless routine and emergency inspections of bridges, retaining walls, highmast light towers, sign structures, and flood levees.

Mr. Forsyth also played a key role in developing the FHWA's Inspection and Maintenance of Ancillary Highway Structures Course, NHI Course 13007, and in developing the WisDOT Inspection Training Course.

In addition to being well versed in the inspection of existing structures, Mr. Forsyth has also worked on several WisDOT bridge construction inspection/management projects. Mr. Forsyth has designed a total of 9 bridges in accordance with WisDOT specifications including single and double-span flat slab, haunched slab, and prestressed concrete girder bridges.

I have worked with Mr. Forsyth closely at Collins Engineers, Inc. I have witnessed his skills in the field as well as his inspection knowledge during his involvement in the development of the WisDOT Structure Inspection Manual, the WisDOT Bridge Inspection Pocket Book, and the Two-Day WisDOT Bridge Inspection Training Course. If you have any questions or concerns, please feel free to contact me at (414)-769-8925, ext. 2017.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael J. Garlich", is written over a horizontal line.

Michael J. Garlich, P.E., S.E.
Vice President, Collins Engineers, Inc.
(Consultant)

cc: Roy A. Forsyth, E.I.T.
Attachment: Qualifications Record (DT2001) (2 copies)