# MOHAMMED ALSALIHI, Ph. D, A. M. ASCE

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# Summary

Aspiring engineer with a passion for structural design and construction of civil engineering structures. Proficient in the use of engineering drafting applications such as Autodesk AutoCAD. Excellent in problemsolving and attention to details with strong verbal and written communication skills. Member of several professional associations such as ASCE, ACI, and TRB.

# Experience

#### Assistant Engineer – New Jersey Depart. of Transportation

- Work as a construction inspector on several NJDOT projects.
- Review and interpret construction plans and specifications.
- Conduct detailed inspections of excavations, earthwork, concrete repairs, asphalt paving, curbs, guard rails, inlets, and pavement markings.
- Calculate and prepared as-built quantities for completed work.
- Inspect equipment, supplies, and materials used by the contractor for compliance with plans and specifications.
- Work on project management software such as Site Manager.
- Prepare daily reports of completed construction and materials.

#### Teaching/Research Assistant - Temple University

- Administered structural analysis and design of concrete & steel structures courses with hands-on engineering calculations using the ASCE 7-10, ACI 318 code, and ASCI manual.
- Trained 150 students on structural modeling software using Bentley RAM Elements and Bentley STAAD.Pro.
- Developed a CSI SAP2000 software manual on the modeling of steel structures.
- Administered surveying field sessions.
- Managed the Pavement Laboratory at Temple University.

### Education

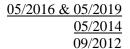
٠	Ph.D. in Civil Engineering - Temple University	12/2020
٠	MS in Civil Engineering - University of Wisconsin-Milwaukee	<u>12/2014</u>
٠	B.Sc. in Civil Engineering - University of Kirkuk-Iraq	07/2012

## **Training and Certificates**

- AutoCAD 2020 Essential Training.
- Modeling Structures in Bentley STAAD.Pro and RAM Elements.
- AASHTO TC3 Drilled Shafts for Inspectors.
- Microsoft Office including Excel, Word, and PowerPoint.

### Awards

- Fellowship Committee Grant, Temple University.
- Chancellor's Graduate Student Award, University of Wisconsin-Milwaukee.
- Fulbright Scholarship Grant.



08/2015 - 12/2019

01/2020 - Present