

Luke W. Johansen, P.E.

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EDUCATION

Master of Science in Construction Management <i>Louisiana State University, Baton Rouge, LA</i> American Council for Construction Education (ACCE)	December 2020
Bachelor of Science in Civil Engineering <i>Ohio Northern University, Ada, OH</i> ABET Accreditation	May 1991

LICENSURE

Professional Engineering License <i>Ohio State Board of Professional Engineers and Surveyors, Columbus, OH</i>	February 1996
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ACCOMPLISHMENTS

Excellence in Dispute Avoidance & Resolution Award <i>Dispute Resolution Board Foundation</i>	September 2017
DRBF Workshop on Administration & Practice <i>Dispute Resolution Board Foundation</i>	February 2021

PROFESSIONAL EXPERIENCE

Ohio Department of Transportation, Lima, OH **June 1991 - Retired Sept 2021**

Transportation Engineer IV **Mar 2018 – Sept 2021**

- Act as staff specialist and plan projects concerned with unique or controversial problems with significant impact on major organizational programs.
- Develop engineering policies, represents administrator in administration of contracts involving multiple complex projects.
- Administer construction department activities program to oversee and solve project problems related to drainage, culverts, bridges, and paving unstable subgrade.
- Assist in policy development
- Oversee and council engineers, contractors, and officials from outside political subdivisions on departmental policies.
- Monitor inventory records, complete inventory and appraisal forms, structural ratings, and report findings.
- Research plan preparation, resolve complaints from public.

Transportation Engineer III

Jan 2011 – Mar 2018

- Staff specialist in construction, directs work activities in bridge construction or repair, pipe installations, paving operation, concrete control, and traffic control.
- Trains employees for inspection and testing procedures and proper documentation for construction activities.
- Advanced supervisory level engineer overseeing lower-level transportation engineers, transportation technicians, and other support personnel
- Develop and evaluate plans and criteria for variety of projects and activities
- Assess feasibility and soundness of proposed engineering designs, evaluation tests, products or equipment, when necessary, data is insufficient
- Evaluation of work in progress and work completed on highway plans

Highway Management Administrator

July 2007 – Jan 2011

- Responsible for assessing the district's highway improvement needs and overseeing maintenance and construction work to meet those needs.
- Purchase and maintain records for all district equipment.
- Coordinate and monitor all snow and ice activities for the district.
- Budget and program planning for district-wide maintenance contracts
- Monitoring of Highway Management cost center budgets and assistance in obtaining additional funds and other resources.
- Responsible for maintenance and installation of traffic signals, highway lighting, pavement markings, and signs.
- Administered eight counties within the district, including 3200 lane miles of state and federal highway, maintenance of over 800 bridge structures, and assisted in planning of new construction projects

Transportation Engineer III 1996 - 2007

- Staff specialist in construction, directs work activities in bridge construction or repair, pipe installations, paving operation, concrete control, and traffic control.
- Trains employees for inspection and testing procedures and proper documentation for construction activities.
- Advanced supervisory level engineer overseeing lower-level transportation engineers, transportation technicians, and other support personnel
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- Evaluation of work in progress and work completed on highway plans

Transportation Engineer II 1993 – 1996

- Manage multiple, complex construction project, including, new location, new alignment, multi-lane or bi-directional reconstruction and major structures
- Ensure construction methods for all aspects of projects will achieve plan and specification intent
- Perform engineering calculations, review cost analysis, force accounts, and review critical path management progress schedules
- Track project submittals from contractors
- Review and approve construction diaries, inspection and material test reports completed by lower-level Transportation Engineers, Technicians, and Inspectors
- Review and analyze project plans to determine plan intent and discover errors and omissions to ensure contract compliance while lessening the cost and delays resulting from plan errors

Transportation Engineer I 1991 – 1993

- Request price quotations and updates material costs, cost indices and labor rates for standard estimating procedures
- Independently and jointly interprets construction plans to prepare official Engineers' Estimates for various construction projects that are simple in scope
- District-wide maintenance projects, roadway resurfacings for design-bid-build projects
- Apply price regression and historical and cost-based estimating methods to determine project completion time
- Identify plan errors that may be detrimental to final project costs and resolve issues with district personnel
- Perform bid analyses using bid tabulations and TRANSPORT data

MEMBERSHIPS

Dispute Resolution Board Foundation (DRBF)

American Society of Civil Engineers (ASCE)