

NDDOT TECHNICAL CERTIFICATION PROGRAM (TCP)

ASPHALT PAVEMENT INSPECTION

SCHEDULE

This course is offered one time during the winter certification season. A similar course is offered through the South Dakota DOT/Dakota Asphalt Pavement Association in December. That course is eligible for reciprocity in North Dakota by request. Registration for the SD course is through [DAPA](#).

ASPHALT PAVEMENT INSPECTION

December 6-8, 2022 – Pierre, SD

February 28, March 1-2, 2023 – Ramada Hotel, Bismarck (8 am to 5 pm each day)

OVERVIEW

Asphalt Pavement Inspection is a course for individuals who are pursuing certification through the NDDOT Technical Certification Program (TCP) to work on QC/QA asphalt paving projects. Course length is approximately 28 hours.

This course will provide an overview of the asphalt paving process from material production to placement.

Successful completion of this course provides certification as an Asphalt Pavement Inspector which is a requirement for both Contractor (QC) and Engineer (QA) personnel during mix production. Individuals holding this certification are typically the contractor paving supervisor or the Engineer's inspector.

This course is open and encouraged for all construction professionals actively involved in asphalt pavement design, material production and all asphalt paving outside the scope of QC/QA. It is not an introductory course nor is it a general inspection training course.

An example of the course manual is available from the TCP web page or by [clicking this link](#):

COURSE SYLLABUS:

- Project Communication
- Roles and Responsibilities in QC/QA
- Paving Preparation
- Asphalt Plant and Mixture Delivery
- Balancing Paving Operations
- Asphalt Pavers
- Placement and Compaction
- Paving and Mat Problems and Corrections
- ND QC/QA Specifications for Asphalt Concrete
- Field Sampling Asphalt Mix and Coring for Density Testing
- Field Inspector Duties
- Diaries and Documentation

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MINIMUM REQUIREMENTS

- Basic Math Skills
- Calculator (cell phone calculator will not be allowed for exam)
- General understanding of construction

WORK EXPERIENCE

One to two years of construction including asphalt paving field experience is beneficial and highly recommended.

RECOMMENDED ONLINE TRAINING

The following modules are available through the [UGPTI Learning Management System](#). An account is required but is available by request for no charge.

- Basic Math for Highway and Structure Construction
- HMA Paving Field Inspection
- Improving the Daily Diary
- Ethics Awareness for the Transportation Industry

CERTIFICATION REQUIREMENTS

- Completion of course
- Passing grade on the exam

REGISTRATION FEE

\$450

Payment is required at time of registration.

Includes class manual, Hot-Mix Asphalt Paving Handbook and handouts and an exam.

REGISTER ONLINE

To register for this course [click this link](#) or go to the Dakota Asphalt Pavement Association website.

REFERENCE MATERIAL

Manual with presentations

[AC 150/5370 Hot-Mix Asphalt Paving Handbook 2000](#)

[Standard Specification for Roads and Bridges](#)

[Construction Records Manual](#)

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INSTRUCTOR

Ken Swedeen, Dakota Asphalt Pavement Association

GUEST PRESENTERS

Bernie Southam, NDDOT Bismarck District

CONTACT

Questions: dotmaterials@nd.gov

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NDDOT TCP Web Link

<http://www.dot.nd.gov/divisions/materials/techniciancertification.htm>