

North Dakota Department of Transportation Research, Development, and Technology Transfer Program

Structure

The NDDOT Research Program operates within the Materials and Research Division, part of the NDDOT Office of Project Development.

Funding

Primary funding is derived from FHWA State Planning and Research –Part 2 funds, with additional NDDOT State matching funds.

Projects

The NDDOT Research Program focuses on the materials and methods used to construct and preserve infrastructure on North Dakota's State and Federal highway system. Research is conducted in three venues – Internal Research, University Research, and Pooled Fund Studies.

Internal Research:

These are research topics proposed by NDDOT Management, Central Office Divisions, or Field Districts. Research is conducted internally by NDDOT Research Program staff. The term of these projects may be 1 to 20 years. Funding for these projects comes from FHWA SPR, Part 2; along with ND state matching funds.

University Research:

These are research topics that may be proposed by North Dakota University Researchers or may have been identified internally as an NDDOT research need where university research staff may have a particular resource or expertise. This research is conducted by them on behalf of the NDDOT. The term of these projects is typically 1 to 2 years. Funding for these projects comes from FHWA SPR, Part 2; along with ND state matching funds.

Pooled Fund Studies:

These are regional or national research topics that are often too large in scope, or require a financial commitment too large for one state to fund on its own. State agencies with a common interest in the research topic will “pool” their technical and financial resources. Participation in Pooled Fund Studies provides the NDDOT a “seat” on a Technical Advisory Committee and opportunity to offer input and guidance to the pooled fund research team. The term of these projects varies with the research topic and purpose.

Staff

Materials & Research Division Director – 1
Research & Geotechnical Engineer – 1
Research Staff – 6

Facilities

The NDDOT research offices and library are housed in the NDDOT Materials and Research central laboratory building. Research staff make use of the NDDOT central laboratory testing facilities and field data collection and evaluation equipment.

Contact

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