

Upper Great Plains Transportation Institute

Ports-to-Plains Annual Conference - Rapid City, SD

Upper Great Plains Transportation Institute

North Dakota State University, Fargo

Alan Dybing

Associate Research Fellow

Upper Great Plains Transportation Institute

UGPTI Background

Created in 1967 at North Dakota State University by the North Dakota Legislature

Independent center at NDSU which is guided, in part, by representatives of various organizations, industries and agencies affecting or affected by transportation

Approximately 50 staff located at three locations:

- NDSU in Fargo
- Bismarck
- Lakewood, CO

Mission: Develop future transportation practitioners and leaders; enhance the quality of life and economic opportunity for individuals; improve the economic viability and global competitiveness of businesses; and reduce transportation's environmental impact by improving the mobility of freight and people through research, education, and outreach.

The logo for UGPTI, featuring the letters "UGPTI" in a bold, italicized, sans-serif font. The letters are white with a blue outline. The logo is positioned in the bottom right corner of the slide, partially overlapping a white curved graphic element that resembles a stylized road or path.

UGPTI Program Areas

Advanced Traffic Analysis Center (ATAC)

Agriculture, Energy & Industrial Freight Center

DOT Support Center (DOTSC)

Mountain-Plains Consortium (MPC)

ND Local Technical Assistance Program
(NDLTAP)

Rural Transportation Safety and Security Center

Small Urban & Rural Transit Center (SURTC)

Transportation Learning Network (TLN)

Transportation Safety Systems Center (TSSC)

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UGPTI



UGPTI Education Programs

Doctorate in Transportation & Logistics

Master of Managerial Logistics

Master of Transportation and Urban
Systems

Relevant Study Areas

Economic Impact of Infrastructure Investment

- HERS-ST
- REMI TranSight

Assess Economic Impact of System-Wide and Selected Improvements

Corridor Analysis

Relevant Study Areas

Roadway Impacts Due to Ethanol Facility Location

- Develop Model of Marketing Draw Area
- Model Current Traffic Flows
- Model Forecasted Traffic Flows
- Estimate the Infrastructure Needs To Accommodate Existing and Forecasted Traffic Volumes

Relevant Study Areas

Roadway Impacts Due to Oil Development in Western North Dakota

- ND Association of Oil & Gas Producing Counties
- ND Department of Commerce

Model Current Traffic Flows

Model Forecasted Traffic Flows

Estimate the Infrastructure Needs To Accommodate Existing and Forecasted Traffic Volumes

Opportunities

Corridor Analysis

Regional Impacts

Energy Impacts

Traditional

Renewable

UGPTI

www.ugpti.org

alan.dybing@ndsu.edu

The logo for UGPTI, featuring the acronym "UGPTI" in a bold, italicized, sans-serif font. The letters are white with a dark outline, and the "U" and "G" are connected. The logo is positioned in the bottom right corner of the slide, partially overlapping a white curved shape that also contains decorative white lines and dots.