

AMERICAN ASSOCIATION  
OF STATE HIGHWAY AND  
TRANSPORTATION OFFICIALS

# AASHTO

## Transportation Vanguard Award Nomination Form

2016

INFORMATION ON NOMINEE:

Last Name: <i>STRASSER</i>	First Name: <i>BRYAN</i>	Date: <i>7-22-16</i>	
Email: <i>be.strasser@nd.gov</i>		Position Title: <i>TRANSPORTATION ENGINEER III</i>	
Department: <i>NDDOT</i>		Phone: <i>701-328-2547</i>	
Street Address: <i>608 E. Boulevard Ave</i>	City: <i>Bismarck</i>	State: <i>ND</i>	Zipcode: <i>58505</i>
AASHTO Committee Membership (optional) <i>None</i>			

NOMINATOR INFORMATION:

Last Name: <i>GENDREAU</i>	First Name: <i>CAL</i>	Date: <i>7-22-16</i>	
Email: <i>cgendrea@nd.gov</i>		Position Title: <i>CONSTRUCTION SERVICES Engineer</i>	
Department: <i>NDDOT</i>		Phone: <i>701-328-4899</i>	
Street Address: <i>608 E Boulevard Ave</i>	City: <i>Bismarck</i>	State: <i>ND</i>	Zipcode: <i>58505</i>
Endorsement of Member Department Secretary/Director: <i>GRANT LEUI DIRECTOR</i>			

**INSTRUCTIONS:**

Using a maximum of 2 additional single-sided pages, please provide reasoning as to why this individual should be selected as the Transportation Vanguard Award recipient. Please include as much specific information about the candidate as possible, including special projects, personal attributes, dedication, etc.

Send nominations by **Monday, July 25, 2016**, via e-mail to [mvitale@aaashto.org](mailto:mvitale@aaashto.org). Nominations must be submitted as a single file in MS Word format using *TVA2016\_Nomination\_Nominee\_Name.doc* as the file name.

## **AASHTO Transportation Vanguard Award**

North Dakota Department of Transportation Nomination of Bryan Strasser for Transportation Vanguard Award – July 22, 2016

One of the North Dakota Department of Transportation's (NDDOT) goals is to utilize electronic technologies in our construction operations (from bid document preparation to as-built archiving), so that cost savings, efficiency and quality gains, and other benefits are realized.

NDDOT employee Bryan Strasser helped to lead a team of employees in accomplishing this goal through development of an e-construction program utilizing iPads and technology on projects throughout the state.

Therefore we would like to nominate Bryan Strasser for the 2016 Transportation Vanguard Award. Bryan is a 31 year old Transportation Engineer III with NDDOT. He has field construction experience from the Wyoming DOT and NDDOT.

In 2015 he was given an assignment to help advance e-construction capabilities at the NDDOT. He took this assignment very seriously and immediately went to work on it by identifying the type of enhancements needed to improve an older construction management computer system.

Bryan provided the vision and guidance to computer programmers who developed enhancements to a web-based program to record construction activities in the field using mobile devices. He has shown the experience, work ethic and patience to work with computer programmers to get desired results.

Major improvements to the Department's Construction Automated Records System (CARS) were rolled out in the spring of 2016 as a result of Bryan's work and dedication.

Project inspectors can now record contractor activities, equipment, weather, contract pay items, take photographs and access plans and specifications in the field with mobile devices. These enhancements have allowed inspectors and project engineers spend more time in the field and less time in the office doing paperwork.

Future enhancements he is working on involve a materials certification module which will help assure that the right materials are being used on NDDOT projects.

Working on NDDOT's vision for e-construction Bryan has spent many hours ensuring that there is CARS accessed in the field using iPads in all Department Districts located throughout North Dakota.

Bryan Strasser has helped to advance the Department by his work and dedication towards this vision. He is committed to the implementation of innovative technologies and processes which enable NDDOT to accomplish its mission to safely move people and goods.

