

**MINNESOTA DEPARTMENT OF TRANSPORTATION
TRAFFIC MANAGEMENT SYSTEMS / INTELLIGENT TRANSPORTATION
SYSTEM PRODUCT QUALIFICATION AND ACCEPTANCE PROGRAM
November 7, 2008
Rev. September 23, 2014**

INTRODUCTION

This Traffic Management System (TMS) / Intelligent Transportation System (ITS) Qualification and Acceptance Program has been developed and implemented to insure that quality and compatible products are used on MnDOT highway or Arterial Roadway projects. Products being considered may be based on, but not limited to, TMS / ITS technology and supportive materials. This program is intended to provide a means for inclusion of a product on the TMS / ITS Approved Products List.

Scope

Participation in this program is optional at this time for Vendors/Manufacturers who intend to supply their products for use in MnDOT projects. Other local municipalities may review these requirements for adoption by their agency. Technical assistance by MnDOT is available on request to local agencies in Minnesota. Vendor/Manufacturer's Product approval is limited to specific brand and model.

Specifications

Vendor/Manufacturer's Product shall meet MnDOT's Standard Specifications for Construction and individual product specification.

TRAFFIC MANAGEMENT SYSTEM QUALIFIED PRODUCTS LIST PROCESS

Products are approved / qualified by successful completion of a review process by MnDOT's Regional Transportation Management Center (RTMC) section. This program requires:

- Product Submittal
- Demonstration of the ability to manufacture specific product.
- Provisional approval of product
- Field Testing/evaluation of product.
- Addition to the Approved Products List.

Product Submittal

- Completed TMS / ITS Application Form
- Manufacturer Drawings of the proposed product in PDF format
- Documentation that the proposed product meets the product specifications
- Any independent test results performed on the product demonstrating its conformance with any individual project specification and / or MnDOT Standard Specification for Construction

Send the above information to:

MnDOT Regional Transportation Management Center (RTMC)
Attn: Ralph Adair
1500 W Co. Rd. B2, Mail Stop 050
Roseville MN, 55113
Phone: 651 - 234 - 7027
Fax: 651 - 234 -7006

- If requested, the Vendor/Manufacturer shall submit a sample of proposed product for evaluation to MnDOT or to an approved independent testing facility selected by the Department.

Demonstration of Manufacturing Ability

Before any product is given provisional approval for field testing/evaluation a manufacturer must demonstrate their ability by meeting the following requirements:

- Demonstrate manufacturing capability
- Provide technical assistance

Manufacturing Capability

The manufacturer must state, in writing, that it has in operation a plant adequate for, and adequately devoted to manufacturer of the specific product. This statement must include assurance that the manufacturer is capable of producing batch or lot sizes consistent with the quantities to be delivered for MnDOT construction projects. This statement must also contain information that it has produced similar product over the past two (2) years with a successful record and include any technical revision information based on prior field deployment.

Technical Assistance

The manufacturer shall have at least one technical representative available to educate MnDOT on the product. The manufacturer shall also have at least one technical representative available to provide assistance to MnDOT personnel engaged in quality assurance operations. The manufacturer shall provide the name(s) and telephone number(s) for these representatives in the written agreement.

Provisional Approval

Upon receipt of the product submittal, the RTMC will review the documentation and determine if the product should be included in operational field evaluation(s). The manufacturer or vendor will be informed in writing of the results of this review. If the result is to proceed with field evaluation the product will be placed on a provisional approval list. The provisions of this limited approval will be included in a letter.

Shipping Information

During the provisional approval period, manufacturer shall provide shipping information, for all batches and lots shipped for use on any designated MnDOT projects, to the Office of Materials Engineering laboratory. This information shall include the name, address of the purchaser and state project number as appropriate.

Field Testing/Evaluation

After receipt of provisional approval, the product is eligible for evaluation on actual construction and maintenance projects. MnDOT reserves the right to determine the duration and type of the evaluation needed for each product. It is the responsibility of the Vendor/Manufacturer to find a Contractor who would be willing to purchase and use their product. The amount of usage would be limited to what is stated on the provisional approval letter.

Final Approval

Upon successful completion of the required evaluation the product will be placed on the Approved Products List (APL).

Compliance to Requirements

Non-compliance to the provisions of this program may result in removal of a product from the Approved Products List.

Project Approval Restrictions

Approved products must be listed on the MnDOT Approved Products List (APL) on the project letting date. No products may be submitted for qualification and acceptance after the specific projects letting date has occurred.

MnDOT Contact Information

Inquiries on the qualification and acceptance program can be sent to:

MnDOT Regional Transportation Management Center (RTMC)
Product and Materials Specialist:

OR

MnDOT Regional Transportation Management Center (RTMC)
Construction and Integration Engineer