



MINNESOTA DEPARTMENT OF TRANSPORTATION
State Aid Division
Technical Memorandum No. 12-SA-02
June 21, 2012

To: County Engineers
City Engineers
MnDOT District State Aid Engineers
MnDOT District Materials Engineers
FHWA

From: *Julie Skallman*
Julie Skallman, P.E.
State Aid Engineer

Subject: **State Aid for Local Transportation**
Minnesota Concrete Flatwork Specifications for Local Government
Agencies

Expiration

This Technical Memorandum will remain in effect until June 21, 2017, unless superseded prior to this date, or the information provided in this Technical Memorandum is incorporated into the State Aid Manual.

Implementation

This Technical Memorandum, which explains the applicability and guidelines for incorporating the Minnesota Concrete Flatwork Specifications for Local Government Agencies in state aid funded projects, is effective immediately. This specification has not been approved for use on local federal-aid projects or projects within the Trunk Highway right-of-way. Federal-aid projects and those within Trunk Highway right-of-way must continue to follow the guidelines of the MnDOT Standard Specifications for Construction.

Introduction

These new specifications will provide a more consistent set of requirements and expectations for local agencies and the concrete industry to follow as they move through the life of a local agency concrete project. Specifications for the following items, among others, are included in the new specifications:

- Concrete Pavement
- Concrete Walks
- Concrete Curb and Gutter
- Concrete Testing Rates
- Concrete Smoothness Requirements
- Enhanced Aggregate Quality Standards

The specifications will help reduce the confusion and misunderstandings commonly found during the bidding and construction process of local agency concrete construction projects. Additionally, construction and maintenance inspectors will have a clear, consistent and familiar set of guidelines to use on each concrete paving project. These specifications will assist in developing more efficient projects with higher quality results.

Purpose

There are two main purposes of this Technical Memorandum. First, describe which projects are approved to use the Minnesota Concrete Flatwork Specifications for Local Government Agencies. Second, explain how to correctly reference and incorporate the schedule into the project documents.

Guidelines

Applicable Project Types

The Minnesota Concrete Flatwork Specifications for Local Government Agencies may be used on state aid funded projects only (**this specification is not approved for use on federal-aid projects or projects within the Trunk Highway right-of-way**).

Local agencies are also encouraged to use this specification on locally funded projects in place of proprietary specs to foster consistency and uniformity around the state.

The Engineer has the option to use the Minnesota Concrete Flatwork Specifications for Local Government Agencies at their discretion. Please note it is not required to use this specification in place of the MnDOT Concrete Specifications.

If the Engineer decides to use the Minnesota Concrete Flatwork Specifications for Local Government Agencies, they must include the specifications in the project proposal, as noted later in this memo, and delete the corresponding MnDOT Standard Specifications for Construction.

Required Project Provisions

Similar to the protocol for using any other special provision, the Minnesota Concrete Flatwork Specifications for Local Government Agencies shall be included in the Special Provisions of the Project Proposal. Additionally, the following language shall be included in the Special Provisions to clarify to the Bidder that the Minnesota Concrete Flatwork Specifications is the governing specification:

S-__ 2301 CONCRETE PAVEMENT

This specification is hereby deleted. Refer to Special Provision S-__ Minnesota Concrete Flatwork Specifications for Local Government Agencies for Concrete Pavement items.

S-__ 2521 WALKS

This specification is hereby deleted. Refer to Special Provision S-__ Minnesota Concrete Flatwork Specifications for Local Government Agencies for Walk items.

Please Note: MnDOT Specification 2521 Walks also contains guidelines and requirements for bituminous walks. If your project also contains bituminous walks, those portions of the specification that pertain to bituminous walks should remain in the project proposal as necessary. Please contact your District State Aid Engineer, or State Aid Construction Engineer/Specialist for questions or assistance.

S- 2531 CONCRETE CURBING

This specification is hereby deleted. Refer to Special Provision S- Minnesota Concrete Flatwork Specifications for Local Government Agencies for Concrete Curbing items.

Questions

For information on the technical contents of this memorandum, please contact Joe MacPherson, State Aid Construction Engineer at **(651) 366-3832** or Ron Bumann, State Aid Construction Practices Specialist at **(218) 725-2811**.

A link to Minnesota Concrete Flatwork Specifications for Local Agencies can be found at: http://www.dot.state.mn.us/stateaid/sa_plan_design-prep_specs-proposals.html

A link to all active and historical State Aid for Local Transportation Technical Memoranda can be found at: http://www.dot.state.mn.us/stateaid/sa_tech_memos.html

To request this document in an alternative format, call Bruce Lattu at 651-366-4718 or 1-800-657-3774 (Greater Minnesota); 711 or 1-800-627-3529 (Minnesota Relay). You may also send an e-mail to bruce.lattu@state.mn.us (please request at least one week in advance).