



Wisconsin Department of Transportation

January 7, 2020

**Division of Transportation Systems
Development**

Bureau of Project Development
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Madison, WI 53705

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NOTICE TO ALL CONTRACTORS:

Proposal #09: 2410-03-71, WISC 2019 803
W National Avenue
S 82nd St to S 76th St
Local Street
Milwaukee County

Letting of January 14, 2020

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
69	Marking Symbol Grooved Bike Line Preformed Thermoplastic, Item SPV.0060.30; Marking Arrow Grooved Bike Lane Preformed Thermoplastic, Item SPV.0060.31.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

2410-03-71

January 7, 2020

Special Provisions

**69. Marking Symbol Grooved Bike Line Preformed Thermoplastic, Item SPV.0060.30;
Marking Arrow Grooved Bike Lane Preformed Thermoplastic, Item SPV.0060.31.**

Replace entire article language with the following:

A Description

This special provision describes furnishing, grooving and installing preformed thermoplastic pavement markings as shown on the plans, according to standard spec 646, and as hereinafter provided.

B Materials

Furnish preformed plastic pavement marking and adhesive material per manufacturer's recommendations, from one of the following manufacturers or approved equal.

Ennis Flint

Swarco Industries

Potters Industry

Furnish a copy of the manufacturer's recommendations to the engineer before preparing the pavement marking grooves.

C Construction

C.1 General

For quality assurance, provide the engineer and the region's Marking Section evidence of manufacturer training in the proper placement and installation of preformed thermoplastic pavement marking.

Plane the grooved areas according to details in the plan and per manufacturer's recommendations. Use grooving equipment with a free-floating, independent cutting head. Plane a minimum number of passes to create a grooved surface per manufacturer's recommendations.

C.2 Groove Depth

Cut the groove to a depth of 120 mils \pm 10 mils from the pavement surface or, if tined, from the high point of the tined surface. To measure the depth, the contractor may use a depth plate placed in the groove and a straightedge placed across the plate and groove, or the contractor may use a straightedge placed perpendicular to the groove. The department may periodically check groove depths.

C.3 Groove Width – Longitudinal Markings

Cut the groove one-inch wider than the width of the pavement marking.

C.4 Groove Position

Position the groove edge according to plan details. The start and end of the initial and final groove may be 0 to 4 inches from the perimeter of the pavement marking.

C.4.1 Special Marking

Groove at a minimum of 4-inches from the perimeter of the special marking. Groove separate areas for Word Items.

C.5 Groove Cleaning

C.5.1 Concrete

Cooling the cutting head with water may be necessary for some applications and equipment. If cooling water is necessary, flush the groove immediately with high-pressure water after cutting to remove any build-up of cement dust and water slurry. If this is not done, the slurry may harden in the groove.

If water is used in the grooving process, allow the groove to dry a minimum of 24 hours after groove cleaning, and prior to pavement marking application. Clean and dry the groove for proper application of the sealant, and placement of the thermoplastic pavement marking. Use a high-pressure air blower with at least 185 ft³/min air flow and 120 psi air pressure to clean the groove; use of the air blower does not decrease the amount of time required for the groove to dry.

C.6 Preformed Thermoplastic Application

Preheat the surface if necessary based on manufacturer's recommendation.

Apply preformed thermoplastic in the groove as per manufacturer's recommendations. If manufacturer's recommendations require a sealant, apply a sealant lower than 91g/l VOC during the following period of time due to Volatile Organic Compound Limitations:

May 1 to September 30, both dates inclusive – the Southeast Region and the ozone nonattainment Northeast Region counties of Sheboygan, Manitowoc, and Kewaunee.

Use any sealant in the remainder counties and for the remainder of the year. The sealant must be wet.

D Measurement

The department will measure Marking Symbol Grooved Bike Lane Preformed Thermoplastic and Marking Arrow Grooved Bike Lane Preformed Thermoplastic by each individual pavement marking item, acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.30	Marking Symbol Grooved Bike Line Preformed Thermoplastic	EACH
SPV.0060.31	Marking Arrow Grooved Bike Line Preformed Thermoplastic	EACH

Payment is full compensation for cleaning and preparing the pavement surface; furnishing and installing the material; and for removing temporary pavement marking, if necessary.

END OF ADDENDUM

