



Wisconsin Department of Transportation

January 26, 2022

**Division of Transportation Systems
Development**

Bureau of Project Development
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NOTICE TO ALL CONTRACTORS:

Proposal #18: 2984-50-70, WISC 2022169
W Calumet Road
Bridge over Little Menomonee River
Loc Str
Milwaukee County

Letting February 8, 2022

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
21	Sheet Membrane Waterproofing for Top Slab B-40-1009, Item 516.0610.S

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

2984-50-70

January 26, 2022

Special Provisions

21. Sheet Membrane Waterproofing for Top Slab B-40-1009, Item 516.0610.S

Replace entire section titled B.1 Waterproofing System with the following:

B.1 Waterproofing System

Provide a material in the waterproofing system that is specifically designed for use with an asphaltic concrete overlay. The membrane shall consist of a cold-applied, self-adhering membrane incorporating a heat resistant woven or non-woven fabric or fiberglass reinforcing laminated in between layers of polymer modified bitumen or SBS modified rubberized asphalt. The membrane shall have a release film, polyester or polyethylene on the down side and may have a thin spun bonded open weave polyester fabric on the up side that will bond with the asphaltic concrete overlay; yet will permit driving rubber-tired trucks, pavers and other construction vehicles on the membrane covered slab.

Provide a composite sheet membrane with the following properties:

Property	Test Method	Specific Value
Width		36 inch min.
Tensile Strength	ASTM D412	50 lb/inch or 700 psi min.
Thickness		60 mils to 80 mils
Puncture Resistance	ASTM E154	40 lb min.
Permeance	ASTM E96, Method B	0.10 US Perms max.
Low Temperature Pliability	ASTM D146, 1-inch Mandrel @ -25° F	No cracks or splits at 180° bend
Water Absorption	ASTM D570, 72 hours	0.25% max.
Peel Adhesion	ASTM D903	5 lb/in width min.
Compound Softening Point	ASTM D36	210° F ±20° F

Provide rubberized asphalt compound containing not more than 15% inorganic residue or filler material.

Provide primer, mastic and/or hot rubberized asphalt sealer conforming to the specified properties required by the manufacturer of the waterproofing membrane.

END OF ADDENDUM