

WOOD EPOXY REPAIRS

**\*\*From Townshend STP SCTT (1)**

xx. DESCRIPTION. This work shall consist of removing deteriorated portions of existing wood members and repairing with an approved wood epoxy as detailed in the Plans and as directed by the Engineer.

xx. MATERIALS. Epoxy for timber repairs shall be one of the following materials:

Product: West System® #105 epoxy resin with #207 special coating hardener

Manufacturer: West System, Inc.

Tel.: (866)937-8797

Product: Primatrate® with Flex-Tec HV

Manufacturer: Advanced Repair Technology

Tel.: (607)264-9040

Product: WoodEpoxy® System

Manufacturer: Abatron, Inc.

Tel.: (800)445-1754

Requests for substitutions for the above shall be submitted to the Agency's Office of Contract Administration a minimum of 10 days in advance of the bid opening date. Substitutions for the above after award shall be approved by the Resident Engineer.

xx. GENERAL REQUIREMENTS. An acrylic pigment, approved by the manufacturer, shall be added to the epoxy that shall closely match the existing wood color.

A sample mock-up of the product shall be approved by the Engineer prior to use on the project.

xx. CONSTRUCTION REQUIREMENTS. Sawcut and remove 6 mm (¼ inch) beyond all deteriorated wood as directed by the Engineer. Do not overcut intersecting cuts. Manufacturer's recommendations shall be followed for curing, bonding, and temperature of application requirements.

xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Wood Epoxy Repairs) to be measured for payment will be the number of repairs performed in the complete and accepted work.

xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Wood Epoxy Repairs) will be paid for at the Contract unit price for each. Payment will be full compensation for performing the work specified and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.620 Special Provision (Wood Epoxy Repairs)	Each