

SPECIAL PROVISION
SECTION 518
STRUCTURAL CONCRETE REPAIR

This specification is amended as follow:

518.10 Method of Measurement

This section is replaced with the following:

Repair of structural concrete is divided into repair areas less than 8 inches in depth and repair areas 8 inches in depth or greater. The repair depth shall be considered the average thickness of an individual repair area. The Resident shall make the final determination as to whether the average depth of repair is less than 8 inches, or 8 inches or greater.

Concrete repair will be measured for payment by the square foot of all surfaces repaired where the average depth of repair is less than 8 inches, complete and accepted.

Concrete repair will be measured for payment by the cubic yard for all repairs where the average depth of repair is 8 inches or greater, complete and accepted. The quantity will be determined from the theoretical yield of the design mix, or in the case of transit mixed concrete, by delivery ticket, as directed by the Resident.

Supplementary reinforcing steel will not be measured for payment. Reinforcing steel required to supplement reinforcing steel damaged by the Contractor shall be supplied and installed at the Contractor's expense.

Tension couplers will not be measured for payment. Couplers required to repair reinforcing steel damaged by the Contractor shall be provided and installed at the Contractor's expense.

Temporary support beams or girders required to repair bridge seats or pier caps will be paid for separately, as approved by the Resident.

518.11 Basis of Payment

The second paragraph is replaced with the following:

The following will be included in the unit price for the respective concrete items, complete and accepted: Removal of existing concrete; cleaning of existing reinforcing steel to remain in the structure; cleaning of existing concrete surfaces in repair areas; furnishing and installing bonding materials; providing, installing and removal of all formwork; fabrication, delivery and placing of reinforcing steel, and mechanical couplers; furnishing and placing new concrete or other approved concrete patching materials in areas where existing concrete is removed; curing of concrete or patching materials; disposal of all demolition material and debris.

The fourth paragraph is replaced with the following:

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Fabrication, delivery and placing of reinforcing steel, and mechanical couplers if required, shall be considered incidental to related Contract items.