

HIGH PERFORMANCE STEEL, GRADE HPS 70W, TRUSS

****From Bethel BRF 022-1(14)**

- xx. DESCRIPTION. This work shall consist of furnishing, erecting, and when specified, coating fabricated high performance structural steel components.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 506 of the Standard Specifications.

- xx. MATERIALS. Material shall be unpainted, high-strength low alloy steel conforming to ASTM A709/A709M Grade HPS 70W.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (High Performance Steel, Grade HPS 70W) to be measured for payment will be the number of kilograms (pounds) used in the complete and accepted work, computed in accordance with Subsection 506.24(a) as governed by Subsection 109.10.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (High Performance Steel, Grade 70W) will be paid for at the Contract unit price per kilogram (pound). Payment will be full compensation for furnishing, detailing, handling, transporting, and placing the materials specified, including nondestructive testing of welds; for preparing the surface of new steel to be galvanized, metalized, or to remain unpainted; for necessary field cleaning; for sealer coating of metalized surfaces; for metalizing or galvanizing of surfaces unless otherwise paid for; for furnishing and implementing the erection plan, and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

The costs of surface preparation of new steel to remain unpainted or to be galvanized or metalized will not be paid for directly, but will be considered incidental to Special Provision (High Performance Steel, Grade 70W).

Surface preparation of rehabilitated or reconditioned steel, whether it is to receive protective coating(s) or it is to remain uncoated; surface preparation of galvanized steel that is to receive additional protective coating(s); and surface preparation of new steel that is to receive protective coating(s), except for the sealer coating of metalized surfaces are not included under Special Provision (High Performance Steel, Grade 70W). The costs of this work will be paid under the appropriate Section 513 Contract items.

The Engineer may authorize progress payments in the following manner:

- (a) A maximum of 75 percent of the Contract quantity may be paid when the steel has been delivered to the site.
- (b) A maximum of 95 percent of the Contract quantity may be paid when the steel has been erected, falsework removed, extended weights have been received and checked, and painting of connections and "touch up" completed where required.

(c) After completion and acceptance of all work under this Section, 100 percent of the Contract quantity will be paid.

All nondestructive testing and required quality control activities will be considered incidental to fabrication, and no separate payment will be made.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.635 Special Provision (High Performance Steel, Grade HPS 70W)(Truss)(FPQ)	Kilogram (Pound)