

CONTRACT CHANGE ORDER NO. 94 SUPPL. NO. 1
ROAD 04-SF-80-13.2, 13.9 SHEET 2 OF 4 SHEETS
FEDERAL NO.(S) _____ CONTRACT NO.: 04-0120F4

Revise Special Provisions Section 10-1.66 "CLEAN AND PAINT SIGN STRUCTURES," as follows:

10-1.66 CLEAN AND PAINT SIGN STRUCTURES

Shall conform to Section 10-1.69, "Clean and Paint Structural Steel," of these Special Provisions. The Department will waive the Audit as specified in section 8-4.01.

~~Sign structures shall be cleaned and painted in conformance with the provisions in Section 56-1.05, "Surface Finish," Section 59-2.05 "Steam Cleaning", Section 59-3, "Painting Galvanized Surfaces", and Section 91, "Paint," of the Standard Specifications and these special provisions.~~

~~Whenever the Standard Specifications refer to "Steel Structures Painting Council," the reference shall be replaced with "SSPC: The Society for Protective Coatings."~~

~~The Contractor shall provide suitable enclosures to permit cleaning and painting during inclement weather. Provisions shall be made to control atmospheric conditions inside the enclosures with limits suitable for cleaning throughout the cleaning operation, painting throughout the painting operation, and for the drying period in accordance with ASTM designation: D 1640. Full compensation for providing and maintaining such enclosures shall be considered as included in the prices paid for the various contract items of work requiring paint and no additional compensation will be allowed therefor.~~

~~No extension of contract time will be granted and no additional compensation will be allowed as a result of temperature or humidity which exceeds the limits for cleaning or painting designated herein.~~

APPLICATION

~~Fresh water shall be used for water rinsing operations. Water from water rinsing operations shall not be permitted to fall into the bay, or on public traffic, to flow across shoulders or lanes occupied by public traffic, or to flow into gutter or other drainage facilities.~~

~~Attention is directed to Section 59-2.01, "General," of the Standard Specifications.~~

~~Unless otherwise specified, no painting Contractors or subcontractors will be permitted to commence work without having the following current "SSPC: The Society for Protective Coatings" (formerly the Steel Structures Painting Council) certifications in good standing:~~

- ~~1. For cleaning and painting structural steel in the field, certification in conformance with the requirements in Qualification Procedure No. 1, "Standard Procedure For Evaluating Painting Contractors (Field Application to Complex Industrial Structures)" (SSPC-QP 1).~~
- ~~2. For removing paint from structural steel, certification in conformance with the requirements in Qualification Procedure No. 2, "Standard Procedure For Evaluating Painting Contractors (Field Removal of Hazardous Coatings from Complex Structures)" (SSPC-QP 2).~~
- ~~3. For cleaning and painting structural steel in a permanent painting facility, certification in conformance with the requirements in Qualification Procedure No. 3, "Standard Procedure For Evaluating Qualifications of Shop Painting Applicators" (SSPC-QP 3). The AISC's Sophisticated Paint Endorsement (SPE) quality program will be considered equivalent to SSPC-QP 3.~~

~~The term "Exposed" shall not include the insides of steel boxes, pipes, and the like, when this specification is used for painting such items.~~

~~Prior to performing any painting or paint removal, the Contractor shall submit to the Engineer, in conformance with the provisions in "Working Drawings," of these special provisions, 3 copies of a separate Painting Quality Work Plan (PQWP) for each item of work for which painting or paint removal is to be performed. At a minimum, each PQWP shall include the following:~~

- ~~A. The name of each Contractor or subcontractor to be used.~~

CONTRACT CHANGE ORDER NO. 94 SUPPL. NO. 1
 ROAD 04-SF-80-13.2, 13.9 SHEET 3 OF 4 SHEETS
 FEDERAL NO.(S) _____ CONTRACT NO.: 04-0120F4

- ~~B. One copy each of all current "SSPC: The Society for Protective Coatings" specifications or qualification procedures which are applicable to the painting or paint removal to be performed. These documents shall become the permanent property of the Department.~~
- ~~C. Proposed methods and equipment to be used for any paint application.~~
- ~~D. Proof of each of any required certifications, SSPC QP 1 or SSPC QP 3.~~

- ~~1. In lieu of certification in conformance with the requirements in SSPC QP 1 for this project, the Contractor may submit written documentation showing conformance with the requirements in Section 3, "General Qualification Requirements," of SSPC QP 1.~~
- ~~2. In lieu of certification in conformance with the requirements in SSPC QP 3 for this project, the Contractor may submit written documentation showing conformance with the requirements in Section 3, "General Qualification Requirements," of SSPC QP 3.~~

~~The Engineer shall have 30 days to review the PQWP submittal after a complete plan has been received. No painting or paint removal shall be performed until the PQWP for that work is reviewed by the Engineer.~~

PAINT GALVANIZED SURFACES

~~Exposed areas of galvanized surfaces shall receive a minimum of 2 finish coats of an exterior grade latex paint.~~

~~The finish coat paint shall be formulated for application to inorganic zinc coating and shall conform to the following:~~

A. _____

Property	Value	ASTM Designation
Pigment content, percent	24 max.	D 3723
Nonvolatile content, mass percent	49 min.	D 2369
Consistency, KU	75 min. to 90 max.	D 562
Fineness of dispersion, Hegman	6 min.	D 1210
Drying time at 25°C, 50% RH, 100-µm wet film:		D 1640
Set to touch, minutes	30 max.	
Dry through, hours	1 max.	
Adhesion	4A	D 3359, Procedure A

- ~~B. No visible color change in the finish coats shall occur when tested in conformance with the requirements of ASTM Designation: G 53 using FS 40 UV-B bulbs for a minimum of 38 cycles. The cycle shall be 4 hours of ultraviolet (UV) exposure at 60°C and 4 hours of condensate exposure at 40°C.~~
- ~~C. The vehicle shall be an acrylic or modified acrylic copolymer with a minimum of necessary additives.~~

~~The first finish coat shall be applied in 2 applications. The first application shall consist of a spray applied mist application. The second application shall be applied after the mist application has dried to a set to touch condition as determined by the procedure described in Section 7 of ASTM Designation: D1640. The first finish coat color shall conform to Section 10 1.69, "Clean and Paint Structural Steel," of these Special Provisions. The total dry film thickness of both applications of the first finish coat shall be not less than 50 µm.~~

~~Except as approved by the Engineer, a minimum drying time of 12 hours shall be allowed between finish coats.~~

CONTRACT CHANGE ORDER NO. 94 SUPPL. NO. 1
ROAD 04-SF-80-13.2, 13.9 SHEET 4 OF 4 SHEETS
FEDERAL NO.(S) _____ CONTRACT NO.: 04-0120F4

~~The second finish coat color shall conform to Section 10-1.69, "Clean and Paint Structural Steel," of these Special Provisions. The total dry film thickness of the applications of the second finish coat shall be not less than 50 µm.~~

~~The 2 finish coats shall be applied in 3 or more applications to a total dry film thickness of not less than 100 µm nor more than 200 µm.~~

PAYMENT

~~Attention is directed to Section 59-3.04, "Payment," of the Standard Specifications.~~

~~Full compensation for water rinsing shall be considered as included in the contract price paid per kilogram for furnish sign structure of the type involved and no additional compensation will be allowed therefor.~~

~~Full compensation for conforming to the requirements in SSPC-QP 1, SSPC-QP 2, and SSPC-QP 3 of the "SSPC: The Society for Protective Coatings" shall be considered as included in the contract lump sum price paid per kilogram for furnish sign structure of the type involved, and no additional compensation will be allowed therefor.~~

