



**Painting Notes:**  
 Cleaning and painting shall be in accordance with item 446, "Cleaning and Painting Steel" and Manufacturer's instructions.  
 Materials manufactured by the following manufacturers are acceptable:  
 Carboline  
 Coronado  
 Porter  
 Sherwin-Williams  
 Tnemec

**Acceptable Materials:**  
 Primer: Organic zinc-rich primer. Provide factory formulated prime coat material compatible with the substrate and finish coats indicated. Primers shall be a two or three component polyamide epoxy zinc-rich coating. Primers shall contain no lead.  
 Carboline: No. 858  
 Coronado: Polyamide Epoxy Zinc Rich Primer, 101-152  
 Porter: Zinc-Lock No. 308  
 Sherwin-Williams: Zinc Clad IV  
 Tnemec: 90-97

Intermediate Coat: High build epoxy. Provide factory formulated polyamide epoxy intermediate coat compatible with prime coat and topcoat indicated.  
 Carboline: No. 893  
 Coronado: Polyamide Epoxy 111-111  
 Porter: "M.C.R. High Build Epoxy" No. 4500  
 Sherwin-Williams: "Recoatable Epoxy Primer," B67 Series  
 Tnemec: Series 66 "Hi-Build Epoxoline"

**Topcoat:** Polyurethane. Provide factory formulated polyurethane. Material shall be compatible with the intermediate coat indicated. Sheen shall be gloss.  
 Carboline: 134 HS  
 Coronado: Superthane, 827 Series  
 Porter: "Hythane Super" No. 8600  
 Sherwin-Williams: "High Solids Polyurethane," B65 Series  
 Tnemec: Series 75, "Endura-Shield" High Build Polyurethane

Color of Topcoat: Red: 117  
 C 52  
 R 65

**Clear Coat:** Polyurethane. Provide factory formulated polyurethane. Material shall be Carboline: Carbothane 130 Clear Coat. Sheen shall be gloss. Coating shall be applied at a minimum of 2 mils dry. A fugitive dye shall be included in the coating in order to achieve full coverage. Clear coat shall be applied before hard or final cure of finish coating. Two coats may be required to obtain desired appearance, hiding and recommended dry film thickness.

**Erection Notes:**  
 Field splices shall be made with arch flat, prior to lifting arch.  
 Field splices shall be made by full penetration groove welds in accordance with item 441, "Steel Structures." Nondestructive Examination (NDE) shall be performed as specified in AWS D1.5. Arch shall be lifted using a spreader bar and shall be lifted, at a minimum, from the points shown to allow for adequate clear distance from the face of the abutment. The Contractor may adjust the location of the lifting points as approved by the Engineer. Contractor shall submit an erection and bracing plan signed and sealed by a Licensed Professional Engineer in the State of Texas for the Engineer's approval prior to erection. Lifting points shall not be located at field splices. Arch shall be fully braced until bottom plates of arch rib have been installed. The Contractor may modify the method of erection as approved by the Engineer. Touch up any damaged paint in accordance with item 446, "Cleaning and Painting Steel" and paint manufacturer's recommendations.

**ELEVATION**  
 SCALE: 1/8" = 1'-0"



ADDENDUM #9	ESC	5/11/11
ADDENDUM #1	ESC	5/14/10
NO.	REVISION	BY DATE
Addsign TOWN OF ADDISON DALLAS COUNTY, TEXAS VITRUVIAN PARK BRIDGES PONTE AVENUE		
<b>ARCH ERECTION &amp; PAINTING PLAN</b>		
1501 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2276 TEL: (972) 346-6666 FAX: (972) 346-6665		
PROJECT	DESIGN	DRAWN
27379	ESC	AHH
		APRIL 2010
		FILE
		SHEET
		S1-22