

CLEANING AND PAINTING NEW METAL STRUCTURES

LOCATION #1

DESCRIPTION: FAI-74 WB OVER KICKAPOO CREEK
 NORTH WEST OF DOWNS
 COUNTY: MCLEAN
 ROUTE: FAI-74 WESTBOUND
 MARKED ROUTE: I-74 WB
 SECTION: (57-22)BR-3
 STRUCTURE NUMBER: 057-0126
 TYPE OF STRUCTURE: 3SPANS - 6 BEAM LINES

CLEANING AND PAINTING OF THE EXISTING STRUCTURAL STEEL INCLUDING DECK
 EXTENSION DRAINS SHALL BE AS SPECIFIED IN THE SPECIAL PROVISION FOR
 "CLEANING AND PAINTING NEW STEEL STRUCTURES."

THE DESIGNATED AREAS CLEANED SHALL BE PAINTED ACCORDING TO THE
 REQUIREMENTS OF PAINT SYSTEM 1-OZ/U. THE COLOR OF THE FINAL FINISH COAT
 FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO. 5B 7/1.
 THE COLOR OF THE FINAL FINISH COAT FOR ALL EXTERIOR AND BOTTOM FLANGE
 OF THE FASCIA BEAMS SHALL BE REDDISH BROWN MUNSELL NO. 2.5YR 3/4.

INORGANIC ZINC-RICH/ WATERBORNE ACRYLIC PAINT SYSTEM.
 THIS SYSTEM SHALL BE FOR SHOP AND FIELD APPLICATION OF THE COATING SYSTEM,
 SHOP APPLICATION OF THE INTERMEDIATE AND TOP COATS WILL NOT BE ALLOWED.

IN THE SHOP, ALL STRUCTURAL STEEL DESIGNATED TO BE PAINTED SHALL BE GIVEN
 ONE COAT OF INORGANIC ZINC RICH PRIMER. IN THE FIELD, BEFORE THE APPLICATION
 OF THE INTERMEDIATE COAT, THE PRIME COAT AND ANY NEWLY INSTALLED FASTENERS
 SHALL BE SPOT SOLVENT CLEANED PER SSPC-SP 1 AND ALL SURFACES PRESSURE
 WASHED TO REMOVE DIRT, OIL, LUBRICANTS, OXIDATION PRODUCTS, AND FOREIGN
 SUBSTANCES. WASHING SHALL INVOLVE THE USE OF POTABLE WATER AT A PRESSURE
 BETWEEN 1000 PSI (7 MPA) AND 5000 PSI (34 MPA) AND ACCORDING TO "LOW PRESSURE
 WATER CLEANING" OF SSPC-SP12. PAINT SPRAY EQUIPMENT SHALL NOT BE USED TO
 PERFORM THE WATER CLEANING. ALL DAMAGED SHOP PRIMED AREAS SHALL THEN BE
 SPOT CLEANED PER SSPC-SP3 AND SPOT PRIMED WITH ALUMINUM EPOXY MASTIC.
 THE STRUCTURAL STEEL SHALL THEN RECEIVE ONE FULL INTERMEDIATE COAT AND
 ONE FULL TOPCOAT OF WATERBORNE ACRYLIC PAINT.

REFERENCES TO SHOP PAINTING FOR INFORMATION ONLY

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 OVER KICKAPOO CREEK - CLEANING AND PAINTING NEW STRUCTURES	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d505207 (v8)\70672_text.dgn		DRAWN -	REVISED -			74	(57-22)BR-3	MCLEAN	42	39	
	PLOT SCALE = 41.5800' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70672					
	PLOT DATE = 2/1/2008	DATE -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.					
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					