

ROUTE NO.	SECTION	COUNTY		TOTAL SHEETS	SHEET NO.	SHEET NO 16
1545	•	DUPAGE		97	37	39 - SHEETS
FED. RDAD DIST. NO. ILLINDIS FED. AD			FED. AID PR	DJECT-		
* 00-00115-00-BR (					CONT	RACT NO. 83961

- 1. Railing shall be in accordance with Section 50% of the Standard Specifications, except as noted, and will be paid for at the contract unit price per foot for Bicycle Railing, or Parapet Railing.
- 2. Hollow Structural Steel Tubing shall conform to the requirements of ASTM Designation of 500, Grade B, Structural Steel Tubing. Anchor boits shall conform to ASTM A307 unless noted otherwise.
- 3. All other steel shapes and plates shall conform to the requirements
- 4. The bicycle railing and parapet railing shall be powder coated and
- 5. The exterior steel surface shall be blast cleaned to Steel Structures Painting Council Surface Preparation Specification No. 6 (SSPC-SP6) requirements using cast steel abrasives conforming to the Society of Automotive Engineers (SAE) recommended Practice J827. The blast method used is a recirulating, closed cylcle centrifugal wheel system with abrasive conforming to SAE Shot Number S280.
- 6. All exterior surfaces shall be coated with a Urethane or Triglycidyl Isocyanurate (TGIC) Polyester Powder to a minimum film thickness of 0.002". The coating shall be electrostatically applied and cured in a gas fired convection oven by heating the steel substrate to a minimum of 350 degrees fahrenheit and a maximum of 400 degrees fahrenheit. The thermosetting powder resin shall provide both intercoat as well as substrate fusion adhesion that meets 5A or 5B
- 7. Ship railing to the site in a manner to prevent damage to the powder

BILL	0F	MATERIAL	

		Item	Unit	Quantity				
" hex. hd. machine	э	Bicycle Railing	Foot	142.3				
washer (Stainless steel)		Parapet Railing	Foot	150				
P '2" x 6" x 8'2"	· (1)	(1) Additional Bicycle Railing on Sheet 21 of 95.						
RAILING DETAILS								
1 <sup>1</sup> 2″ x 7″ Bar	BAILEY ROAD OVER THE							
	WEST BRANCH OF THE DUPAGE RIV							
	FAU 1545							
	SECTION O	0-00115-00-BR	STA.	2+99 <b>.</b> 15	)			
	DUPAGE COUNTY							
	SN 022-3028							