## GENERAL NOTES

1. Fasteners shall be high strength bolts. Bolts  $7_8$   $\phi$ , open holes  $15_{16}$   $\phi$ , unless otherwise noted.

2. Calculated weight of Structural Steel = 404,740 lb. (Grade 50)

- 94,290 lb. (Grade 36) 3. The Inorganic zinc rich primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all steel surfaces shall be Light Gray, Munsell No. 10Y 7/1. See Special Provision for "Cleaning
- and Painting New Metal Structures."
- 4, Field welding of construction accessories will not be permitted to girders.
- The a memory of control of the control shall conform to the requirements of AASHTO M 270 Grade 50.
- 7. The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the tension flanges and webs.
- 8. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
- 9. Slope wall shall be reinforced with welded wire fabric, 6" x 6"-W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- 10. The Contractor shall drive one steel test pile in a permanent location at each abutment as directed by the Engineer before ordering the remainder of piles.
- 11. Bridge Seat Sealer shall be applied to the seat area of both abutments.
- 12. All Construction joints shall be bonded.
- 13. Flux Core Arc Welding (FCAW) is prohibited on main members subject to tensile stress.
- 14. The contractor is to ensure stability of the plate girders during transport and during erection.

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Structure Excavation	Cu. Yd.		973	973
Ballast Drains	Foot	328.1		328.1
Concrete Structures	Cu. Yd.		780.6	780.6
Membrane Waterproofing (Special)	Sq. Ft.	2,246		2,246
Furnishing and Erecting Structural Steel	L. Sum	0.37		0.37
Reinforcement Bars, Epoxy Coated	Pound		76430	76430
Test Pile Steel HP14x73	Each		2	2.
Furnishing Steel Piles HP14x73	Foot		11462	11462
Driving Steel Piles	Foot		11462	11462
Name Plates	Each	1		1
Elastomeric Bearing Assembly, Type I (Special)	Each	5		5
Slopewall, 4"	Sq. Yd.		254	254
Porous Granular Embankment (Special)	Cu. Yd.		512	512
Pipe Handrail, Special	Foot	259.5		259.5
Bridge Seat Sealer	Sq. Ft.		203	203
Pipe Underdrain for Structures, 6"	Foot		202	202
Geocomposite Wall Drain	Sq. Yd.		388	388





	ROUTE NO.	RECTION	county McDONOUGH		TOTAL SHÆETS	SHRET NO.	SHEET NO. 2	
	FAP 315	55-2			1025	537	16 SHEETS	
*At Rt. L's to Ramp J Tangent	Contract #		1.4.1	FED. ALL PR			]	



Horizontal dimensions are radial unless otherwise noted.

