

ROUTE NO.		COUNTY	TOTAL SHEETS	SHEET ND.	SHEET NO. <u>1</u> 24 SHEETS	
s. b. 1. f. a. 646	(102) BR-3	Whiteside	57	13		
FED. ROAD D	IST, NO. 7	ILLINOIS FED AID PROJECT-				

GENERAL NOTES

CONTRACT NO. 64426

1. Fasteners shall be high strength bolts AASHTO M 164, Type 3 in unpainted areas and mechanically galvanized AASHTO M 164, Type 1 or 2 in painted areas. Bolts 7_8 " ϕ , open holes $^{15}_{16}$ " ϕ , unless

4. Field welding of construction accessories will not be permitted to beams or girders.

6. The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the

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 wide flange beams

8. Reinforcement bars shall conform to the requirements of AASHTO M 31 or M322 Grade 60.

9. Layout of slope protection system may be varied in the field to suit ground conditions as

10. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of l_{B} inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two b' adjusting shims, of the dimensions of the bottom bearing plate, shall be provided

11. The contractor shall drive one test pile at the north abutment, one test pile at Pier #1 and one test pile at Pier #2 in permanent locations as directed by the Engineer before ordering the

12. Bridge Seat Sealer shall be applied to the seat area of the north and south abutments.

13. AASHTO M 270 Grade 50W structural steel shall only be painted, for a distance of three times the depth of the beams or girders (but not exceeding 10 feet) each way from the deck joints. All structural steel shall be cleaned as specified in the special provision for "Surface Preparation

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		199.3	199.3
Concrete Superstructure	Cu. Yd.	203.8		203.8
Reinforcement Bars, Epoxy Coated	Pound	47,060	17,480	64,540
Furnishing Metal Pile Shells 12"	Lin. Ft.	·	3725	
Driving and Filling Shells	Lin. Ft.		3725	3725
Test Pile Metal Shells	Each		3	3
Furnishing and Erecting Structural Steel	L. Sum	. 1		1
Stud Shear Connectors	Each	3276		3276
Name Plates	Each	1		1
Stone Riprap, Class A4	Sq. Yd.		1044	1044
Protective Coat	Sq. Yd.	1042		1042
Structure Excavation	Cu. Yd.		418	418
Neoprene Expansion Joint 2"	Lin. Ft.	97		97
Filter Fabric for use with Riprap	Sq. Yd.		1044	1044
Temporary Sheet Piling	Sq. Ft.		1560	1560
Bridge Deck Grooving	Sq. Yd.	649		649
Floor Drains	Each	18		18
Bar Splicers	Each	501	92	593
Porous Granular Embankment (Special)	Cu. Yd.		134	134
Elastomeric Bearing Assembly Type II	Each	12		12
Bridge Seat Sealer	Sq. Ft.		. 256	256
Underwater Structure Excavation Protection, No. 1	Each		1	1
Underwater Structure Excavation Protection, No. 2	Each		1	i
Slope Wall Removal	Sq. Yd.		1040	1040

TOTAL BILL OF MATERIAL

GENERAL PLAN AND ELEVATION IL RTE 40 OVER WINNEBAGO DITCH F.A.P. 646 SECTION (102)BR-3 WHITESIDE COUNTY STATION 558+38 S.N. 098-0109





CIATES, INC.	file number 136			
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LAND SURVEYORS	20			

	136.110	
Æ	Aug. 2005	