

GENERAL NOTES

- Fasteners shall be high strength bolts (AASHTO M 164, Type 3 in unpainted areas and mechanically galvanized AASHTO M 164, Type 1 or Type 2 in painted areas). Bolts 3/4" ϕ , open holes 5/8" ϕ , unless otherwise noted.
- Calculated weight of Structural Steel = Grade 50=128,168 Lbs.
Grade 36=34,494 Lbs.
- Field welding of construction accessories will not be permitted to beams or girders.
- Anchor bolts shall be set before bolting diaphragms over supports.
- The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M270 Grade 50.
- The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2.
- Reinforcement bars shall conform to the requirements of AASHTO M-31 or M-322 Grade 60.
- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8" adjusting shims, of the dimensions of the bottom bearing plate, shall be provided for each bearing in addition to all other plates or shims. For Type I Elastomeric Bearings, two 1/8" adjusting shims shall be provided for each bearing and placed as detailed.
- Bridge Seat Sealer shall be applied to the seat area of both abutments.
- All construction joints shall be bonded.
- The roadway signs that hang from each fascia beam below the bridge shall be removed and salvaged prior to removal of the superstructure and reinstalled once the new beams are set.
- All new structural steel shall be galvanized. The fascia and underside of the exterior beams and their associated splice plates shall be painted with the acrylic system. The color of the final finish coat shall be Reddish Brown, Munsell No. 2.5 YR 3/4. See Special Provision for "Hot Dip Galvanizing for Structural Steel".
- The existing structural steel coating contains lead. The contractors shall take appropriate precautions to deal with the presence of lead on this project.
- The existing restricted clearances at the structure must not be reduced while the tracks are in service.

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00-00094-03-BR	COOK	69	21
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
Sheet SA-2 of SA-23		CONTRACT 83950		

TOTAL BILL OF MATERIAL

NUMBER	ITEM	UNIT	SUPER.	SUB.	TOTAL
* 1	Protective Coat	Sq. Yd.	782		782
* 2	Bridge Approach Pavement, Special	Sq. Yd.	212		212
* 3	Approach Slab Removal	Sq. Yd.	84		84
* 4	Removal of Existing Superstructures No. 1	Each	1		1
5	Concrete Removal	Cu. Yd.		15.7	15.7
6	Concrete Structures	Cu. Yd.		10.8	10.8
7	Concrete Superstructures	Cu. Yd.	181.3		181.3
8	Bridge Deck Grooving	Sq. Yd.	488		488
9	Elastomeric Bearing Assembly, Type I	Each	20		20
10	Elastomeric Bearing Assembly, Type II	Each	20		20
* 11	Structural Repair of Concrete (Depth Equal to or Less than 5")	Sq. Ft.		212	212
12	Stud Shear Connectors	Each	3,300		3,300
13	Reinforcement Bars, Epoxy Coated	Lb.	44,638	1,847	46,485
14	Name Plates	Each	1		1
15	Bridge Seat Sealer	Sq. Ft.		157	157
16	Epoxy Crack Sealing	Foot		106	106
* 17	Bridge Joint System (Expansion), 1"	Foot	40		40
* 18	Bridge Joint System (Expansion), 1 5/8"	Foot	40		40
* 19	Furnishing and Erecting Structural Steel, Bridge No.1	L. Sum	1		1
* 20	Concrete Barrier Wall (Special)	Cu. Yd.	29.7		29.7
21	Bar Splicers	Each		60	60
* 22	Protective Shield	Sq. Yd.		690	690

*-Special Provisions

DATE: 7/20/2006
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REVISIONS	
NAME	DATE

Clorba Group, Inc.
CONSULTING ENGINEERS
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VILLAGE OF WINNETKA, ILLINOIS
GENERAL NOTES & QUANTITIES
PINE STREET OVER THE UNION PACIFIC R.R.
R.R. MILE POST 16.89 KENOSHA SUBDIVISION
COOK COUNTY STA. 101+09.96
STRUCTURE NO. 016-8259

SCALE: NONE
DATE: JUNE 2006
FILE: 3278

DRAWN BY: RCD
DESIGN BY: BWS
CHECKED BY: SCD