GENERAL NOTES

Fasteners shall be high strength bolts. Bolts ${}^3_4{}''$ $\phi,$ open holes ${}^{15}_{16}{}''\phi,$ unless otherwise noted.

Calculated weight of Structural Steel = 101,150 Lbs. (Grade 50), 19,120 Lbs. (Grade 36) Expansion joint plates and attached bars shall be shop painted with the inorganic zinc rich primer.

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 M 270 Grade 50.

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 and all splice plate material except fill plates.

Reinforcement bars shall conform to the requirements of AASHTO M 31 or M 322 Grade 60.

The back face of Closed Abutments and their wingwalls shall be waterproofed according to Article 503.18 of the Standard Specifications.

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 l_{θ} inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two l_{θ}'' 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 l_{θ}'' adjusting shims shall be provided for each bearing and placed as detailed.

The contractor shall drive one HP 12x53 test pile in a permanent location at the south abutment as directed by the Engineer before ordering the remainder of piles.

Bridge Seat Sealer shall be applied to the seat area of the abutments.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

All Construction joints shall be bonded.

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 of paint shall be Reddish Brown, Munsell No. 7.56 4/8. See Special Provision for "Hot Dip Galvanizing for Structural Steel".

ITEM	UNIT	SUPER	SUB	TOTA.
Porous Granular Embankment	Cu. Yd.		850	850
Removal of Existing Structures	L. Sum	1	~	1
Concrete Removal	Cu. Yd.	-	31.6	31.6
Structure Excavation	Cu. Yd.	-	343	343
Concrete Structures	Cu. Yd.	-	682.8	682.
Concrete Superstructure	Cu. Yd.	169.5	-	169.5
Bridge Deck Grooving	Sq. Yd.	346	-	346
Protective Coat	Sq. Yd.	555	-	- 555
Elastomeric Bearing Assembly Type I	Each	14		[4
Formed Concrete Repair (depth eugal to or less than 5")	Sq. Ft.		331.0	331.0
Furnishing and Erecting Structural Steel, Special	L. Sum	1	-	1
Stud Shear Connectors	Each	2,604		850 1 31.6 34.3 682. 169.5 555 14 331.0 1 2.60 88.49 170 5.187 1 2.54 1 2.60 88.49 170 5.187 1 2.54 7.33 7.33 7.33 4.75
Reinforcement Bars, Epoxy Coated	Pound	27.290	61,200	88.49
Pedestrian Railing	Foot	170.2	-	170
Furnishing Steel Piles HP 12x53	Foot	-	5,187	5,187
Driving Steel Piles	Foot	-	5,187	5,187
Test Pile Steel HP 12x53	Each	-	1	1
Temporary Bridge Rail	Foot	126	-	126
Name Plates	Each	1	-	1
Bridge Seal Sealer	Sq. Ft.	-	254	254
Bridge Joint System (Expansion), 1"	Foot	73	-	73
Bridge Joint System (Fixed)	Foot	73	-	73
Bar Splicers	Each	<i>1</i> 67	308	475
Protective Shield	Sq. Yd.	708	-	708

*** Special Provision

	F.A.U. RTE.	SECTION		COUNTY		TOTAL SHEETS	SHEET NO.
	3732	00-00125-0	0-BR		соок	58	19
STA. 102+57.23 TO STA. 103+82.77							
	FED. RO	AD DIST. NO.	ILL INC	IS	PROJECT	BHM-700	3(802)
1	Sheet	S-2 of	S-2	8	CONTR	RACT 835	584

TOTAL BILL OF MATERIAL

	Ciorba Group, Inc. Consultan enemens for mate consellato avenue = checaco, illanse 8066 = :(710 / 715 - 4069				
REVISIONS	CITY OF EVANSTON. ILLINOIS				
NAME DATE	GENERAL NOTES & TOTAL BILL OF MATERIAL				
	ASBURY AVENUE OVER CTA YELLOW LINE				
	SECTION 00-00215-00-BR				
	COOK COUNTY				
	STA. 103+20.00				
	STRUCTURE NO. 016-6959				
	SCALE: NONE				
	DATE: OCTOBER 2004 DRAWN BY: IMG				
	FILE: 3212 CHECKED BY: SCD				