



DATE	REVISION	BY	CHKD	APP'D	SHEET NO. 1
12/13/11					19 SHEETS

GENERAL NOTES

Course aggregate to be used in parapet handrails and end post must be absolutely free of chert, flint, limonite, lignite and soft sandstone.

The concrete floor slab shall be finished in accordance with Article 51.9 of the Standard Specification.

Slope wall shall be reinforced with welded wire fabric 6"x6" mesh weighing 35# per 100 sq. ft.

All reinforcement bars shall be lapped 20 diameters unless otherwise shown.

All structural steel shall conform to ASTM A-36 specification.

Rivets 1/2" open holes 1 1/2" unless otherwise noted.

Anchor bolts shall be set before riveting diaphragms over supports.

The exposed surfaces of the expansion guard shall be given two shop coats of red lead paint, the contact surfaces shall be given one coat of red lead paint. Anchor studs shall not be painted.

Expansion guards are included in the quantity of structural steel. Estimated weight 14200 lbs.

Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Article 56.1 to 56.5 inclusive of the Standard Specification.

The contractor shall drive two concrete test piles in a permanent location (see sheet 24) and two timber test piles in the vicinity of Pier 2 at east and west bridges, as directed by the Engineer before ordering remainder of piles.

Concrete piles at abutments shall be driven in holes prepared through the embankment in accordance with Article 60.9(a) of the Standard Specifications.

Permanent forms will not be permitted in forming the superstructure.

TOTAL BILL OF MATERIAL (SEC. 531-1-HB-5)

Item	Unit	Super	Sub	Total
Excavation	Cu Yds	48910	1360	50270
Class A Excavation For Structure	Cu Yds		1360	1360
Erecting Structural Steel	Lbs	802370		802370
Class X Concrete	Cu Yds	10107	1551.8	2562.5
Aluminum Handrail	Lin Ft	635		635
Reinforcement Bars	Lbs	304710	165880	470590
Crested Piles	Lin Ft		8490	8490
Test Piles (Timber)	Each		2	2
Concrete Piles	Lin Ft		4930	4930
Test Piles (Concrete)	Each		2	2
Name Plates	Each		2	2
Slope Wall (4")	Sq Yds		3378	3378
Protective Coat	Sq Yds		4720	4720

Excluding Detour Road and Approach Slab

TOTAL BILL OF MATERIAL (SEC. 531-1-HF-5)

Item	Unit	Super	Sub	Total
Furnishing Structural Steel	Lbs	802370		802370

FOR INFORMATION ONLY

DESIGNED: S.E.P. 12/13/11
 CHECKED: W.S. Dickinson 12/13/11
 DRAWN: W.S. Dickinson 12/13/11
 APPROVED: R.L. [Signature] 12/13/11

DESIGNED BY: BAUTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00181 - EXPIRES 4/30/2013
 65853E PM/22/2008.corr.bawwood.com/projects/ILDOT/00953-V10-Design/WD-27-IL-53-Signing/CADD-SURVEY-DRAWINGS/00953-WD-27-HEP-SHTS.dgn



USER NAME = 23lukb	DESIGNED - DJS	REVISED -
PLOT SCALE = 1,0000' / 1"	DRAWN - LKB	REVISED -
PLOT DATE = 3/22/2012	CHECKED - RWL	REVISED -
	DATE - 12-13-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING BRIDGE PLANS
FOR INFORMATION ONLY**

SCALE: SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2011-024-SG	DuPAGE/COOK	132	132F
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	

*F.A.I. 290 (INTERSTATE 290)
 *F.A.U. 342 (IL ROUTE 53)