

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal and Disposal of Unsuitable Material	Cu. Yd.	-	1180	1180
Porous Granular Embankment (Special)	Cu. Yd.	-	110	110
Light Weight Aggregate Granular Backfill (Special)	Cu. Yd.	-	880	880
Stone Riprap, Class A4	Sq. Yd.	-	425	425
Filter Fabric for Use with Riprap	Sq. Yd.	-	425	425
Removal of Existing Structures	L. Sum	-	1	1
Structure Excavation	Cu. Yd.	-	125	125
Floor Drains	Each	4	-	4
Concrete Structures	Cu. Yd.	-	205	205
Concrete Superstructures	Cu. Yd.	90	-	90
Precast Concrete Caps	Foot	82	-	82
Furnishing and Erecting Structural Steel (Galvanized)	L. Sum	1	-	1
Stud Shear Connectors	Each	880	-	880
Reinforcement Bars	Pound	-	24785	24785
Reinforcement Bars, Epoxy Coated	Pound	15590	48050	63640
Name Plates	Each	1	-	1
Drilled Shaft in Soil	Cu. Yd.	-	130	130
Elastomeric Bearing Assembly, Type I	Each	16	-	16
Anchor Bolts, 1"	Each	32	-	32
Geocomposite Wall Drain	Sq. Yd.	-	175	175
Pipe Underdrains for Structures, 6"	Foot	-	140	140
Form Liner Textured Surface (Special)	Sq. Yd.	60	230	290
Staining Concrete Structures (Special)	Sq. Yd.	60	230	290
Stainless Steel Rub Plate Assembly (Special)	Each	4	-	4

GENERAL NOTES:

Calculated weight of Structural Steel = 27,500 Lbs.

All Construction joints shall be bonded.

The Contractor shall take appropriate precautions to deal with the presence of lead if encountered on this project.

Excavation behind existing abutment walls shall be done before removing the existing superstructure. The Contractor shall sawcut the existing abutments at the stage removal line before stage I removal.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two $\frac{1}{8}$ " 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 $\frac{1}{8}$ " adjusting shims shall be provided for each bearing and placed as detailed).

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

The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50 (Galvanized - See special Provision)

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REV. NO.	DATE	REVISION RECORD	MADE BY	CHECKED BY

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Engineers, Architects, Material Scientists
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WJE No. 2006.2324

**THE CITY OF
LAKE FOREST**
CHARTERED 1861

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF LOCAL ROADS AND STREETS

PROJECT:
**OLD ELM ROAD OVER EAST SKOKIE DITCH
STA. 187+46 LAKE COUNTY
STRUCTURE NO. 049-6870**

TITLE:
**GENERAL NOTES & TOTAL BILL
OF MATERIAL**

SCALE: N.T.S. DRAWN BY: IMG
DATE: JANUARY 2008 CHECKED BY: NSA