

GENERAL NOTES

CONCRETE:

CLASS "X" CONCRETE SHALL BE USED THROUGHOUT.  
THE CONCRETE DECK SLAB SHALL BE PLACED IN ONE CONTINUOUS OPERATION BETWEEN EXPANSION JOINTS.

FINISHING OF THE DECK SLAB SHALL BE AS SPECIFIED IN SPECIAL PROVISION FOR FINISHING CAST-IN-PLACE CONCRETE BRIDGE FLOORS.

THE EXPOSED SURFACE OF DECK SLAB NOT COVERED BY BRIDGE DECK WATER-PROOFING SUCH AS CONCRETE LIPS, THE CURBS AND THE TOPS AND THE INSIDE VERTICAL FACES OF HANDRAIL PARAPETS SHALL BE GIVEN A PROTECTIVE COAT IN ACCORDANCE WITH ARTICLE 503.13 OF THE STANDARD SPECIFICATIONS.

THE CONCRETE SHALL BE FINISHED IN ACCORDANCE WITH SPECIAL PROVISION FOR SURFACE FINISH.

- The cost of surface finish waterproofing to all concrete surfaces in contact with embankment in accordance with Article 503.12, rubber, bituminous and the bituminous waterproofing materials shall be included in the contract unit price for Class "X" concrete.

PERMANENT FORMS WILL NOT BE PERMITTED IN FORMING CONCRETE DECK SLABS. ALL CONCRETE SHALL BE CHAMFERED 3/4" UNLESS OTHERWISE SHOWN OR NOTED ON PLANS.

THE BRIDGE SEATS SHALL BE CONSTRUCTED TO THE EXACT ELEVATIONS SHOWN. IF BUSH HAMMERS OR GRINDING IS NECESSARY, THIS WORK SHALL BE DONE AT NO ADDITIONAL COST TO THE COUNTY.

STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE CARBON STEEL A36 AND SHALL CONFORM TO ASTM-A36 SPECIFICATIONS.

THE SHOP CONNECTIONS FOR STRUCTURAL STEEL SHALL BE WELDED.

ALL WELDING SHALL CONFORM TO THE "SPECIFICATIONS FOR WELDED HIGHWAY AND RAILWAY BRIDGES" OF THE AMERICAN WELDING SOCIETY.

CROSS FRAMES BETWEEN STEEL BOX GIRDERS ARE TO BE FIELD CONNECTED WITH HIGH-STRENGTH STEEL BOLTS.

THE BASIC LEAD SILICO CHROMATE PAINT SYSTEM SHALL BE USED FOR SHOP AND FIELD PAINTING OF STRUCTURAL STEEL.

ENCLOSED AREAS OF THE STEEL BOX GIRDERS SHALL BE TREATED IN ADDITION WITH TWO COATS OF HEAVY DUTY EPOXY SEALER MEETING FEDERAL DEPARTMENT OF AGRICULTURE REQUIREMENTS FOR EXTRACTION IN POTABLE WATER AND WINE VESSELS. SEE SPECIAL PROVISIONS.

ENDS OF BOX GIRDER NEAR THE DRAINAGE HOLE TO BE PROTECTED BY EPOXY RESIN AS SHOWN ON PLANS.

REINFORCEMENT BARS:

REINFORCEMENT BARS SHALL BE BILLET STEEL OF INTERMEDIATE GRADE.

\* Revised to Addendum #1 10-16-70

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM
2 365.8	CU. YDS.	CLASS "X" CONCRETE
202 480	LBS.	REINFORCEMENT BARS
376	SQ. YDS.	PROTECTIVE COAT
	LUMP SUM	FURNISHING AND ERECTING STRUCTURAL STEEL
4 656	EACH	WELDED STUD SHEAR CONNECTORS
4 480	LIN. FT.	FURNISHING CRESOTED PILES, 14 INCH. DIA., UP TO 20 FT. LONG
1 012	LIN. FT.	FURNISHING CRESOTED PILES, 16 INCH. DIA., 20.1 FT. TO 38 FT. LONG
3 373	LIN. FT.	FURNISHING CRESOTED PILES, 12 INCH. DIA., UP TO 20 FT. LONG
391	LIN. FT.	FURNISHING CRESOTED PILES, 12 INCH. DIA., 20.1 FT. TO 38 FT. LONG
9 256	LIN. FT.	UPRIVING TIMBER PILES
1	EACH	TEST PILES
907	LIN. FT.	ALUMINUM RAILING
986	CU. YDS.	CLASS "A" EXCAVATION FOR STRUCTURES
2 534	CU. YDS.	CLASS "A" EXCAVATION FOR STRUCTURES (MODIFIED)
383	CU. YDS.	EARTH EXCAVATION
734	CU. YDS.	BORROW EXCAVATION
617	CU. YDS.	POROUS GRANULAR EMBANKMENT
5 137	CU. YDS.	SAND OR GRAVEL EMBANKMENT
740	LIN. FT.	PERFORATED CORRUGATED METAL PIPE, 6 INCH. DIA.
58	SQ. YD.	BRIDGE SEAT SEALANT
2	EACH	NAME PLATES
1 277	SQ. YDS.	COAL TAR IMPERMEABLE PROTECTIVE COAT
32	LIN. FT.	RIGID STEEL CONDUIT 1 INCH. DIA.
124	LIN. FT.	RIGID STEEL CONDUIT 1 1/2 INCH. DIA.
4	EACH	CAST IRON "J" BOX WEATHERPROOF 8"x8"x6" DEEP
350	SQ. YDS.	CONCRETE SLOPE WALLS 4 INCH.
1	EACH	ENGINEER'S FIELD OFFICE-TYPE A
107	TON	BITUMINOUS CONCRETE SURFACE COURSE, CLASS 1, 1 1/2"
	LUMP SUM	CONSTRUCTION LAYOUT STAKES

\* CALCULATED PLAN WEIGHT OF STRUCTURAL STEEL=606,550 LBS

REVISIONS		
DATE	BY	DESCRIPTION
9/0/970	J.P.	Quantities

DEPARTMENT OF HIGHWAYS  
COOK COUNTY, ILLINOIS

GEORGE W. DUNNE  
President

THOMAS G. COTS  
Secretary

SUMMARY OF QUANTITIES-GENERAL NOTES  
STONY ISLAND EXPRESSWAY GRADE SEPARATION  
OVER  
103<sup>RD</sup> STREET

PROJECT EBU-246(44)

COMPUTED BY SAC  
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SCALE AS SHOWN

SECTION NUMBER	127
SECTION	174-3-53-C-2
DATE	176-18-18-2-02
SHEET NO.	54
TOTAL SHEETS	574

CONTRACT NO. 60J12

255512 PH

3/29/2013

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