



GENERAL NOTES

DESIGN SPECIFICATIONS:
AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 7TH EDITION, DATED 1957, BUREAU OF PUBLIC ROADS PUBLICATION "CRITERIA FOR PRESTRESSED CONCRETE GIRDER BRIDGES", DATED 1959 AND A.C.I.-ASCE JOINT COMMITTEE 333 REPORT "TENTATIVE RECOMMENDATIONS FOR PRESTRESSED CONCRETE".

DESIGN LOADING:
A.A.S.H.O. H20-44

FOUNDATIONS:
SEE TEST BORING AND LAB DATA SHEET FOR ALLOWABLE FOOTING PRESSURES.

CONSTRUCTION SPECIFICATIONS:
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, STATE OF ILLINOIS, DEPARTMENT OF PUBLIC WORKS AND BUILDINGS, DIVISION OF HIGHWAYS, DATED JANUARY 2, 1960.

CONCRETE:

REINFORCED CONCRETE	
f'c	3,500 P.S.I. ULTIMATE STRENGTH IN 14 DAYS
f'c	1,400 P.S.I. CONCRETE WITHOUT EARTH PRESSURE (SUPERSTRUCTURE)
f'c	800 P.S.I. CONCRETE WITH EARTH PRESSURE
v	75 P.S.I. MAX-SHEAR IN FOOTINGS (SUBSTRUCTURE)
n	10
PRESTRESSED CONCRETE	
f'c	5,000 P.S.I. ULTIMATE STRENGTH AT 14 DAYS
PRESTRESSING STEEL 3/8" DIA. 7-WIRE STRESS-RELIEVED STRANDS - MINIMUM TENSILE STRENGTH 250,000 P.S.I.	

ALL CAST IN PLACE CONCRETE SHALL BE CLASS II.

GENERAL NOTES (CONT'D)

REINFORCEMENT:
MILLET STEEL CONCRETE REINFORCEMENT BARS, INTERMEDIATE GRADE A.S.T.M. DESIGNATION A 15, OR AXLE STEEL CONCRETE REINFORCEMENT BARS, A.S.T.M. DESIGNATION A 160 SHALL BE USED. ALL BARS SHALL BE DEFORMED TYPE IN ACCORDANCE WITH DESIGNATION A 305.
ALLOWABLE TENSILE UNIT STRESS - 16 20,000 P.S.I.
BAR BENDING, PLACING, CLEARANCES, ETC., UNLESS OTHERWISE SHOWN, SHALL BE IN ACCORDANCE WITH SECTION 50 OF THE STANDARD SPECIFICATIONS.

FOR INFORMATION ONLY

CONTRACT NO. 60J15
SHEET NO. 111 OF 137

REVISIONS		
DATE	BY	DESCRIPTION

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS

DESIGN: [Signature] CHECKED: [Signature]

GENERAL PLAN
63RD STREET GRADE SEPARATION
OVER
SOUTH ROUTE EXPRESSWAY

COMPUTED: F.M.C. PROJECT: 811-24-3(15)28
DRAWN: L.R. SCALE: AS SHOWN
CHECKED: F.M.C. APPROVED: [Signature]

APPROVED: [Signature]	P.A.I. MARKED ON	County Highway	Sheet No.	Total Sheets	Drawing No.
[Signature]	94	066-1920-CF	2	48	S-1

DR. LEW, CATHY & COMPANY
CONSULTING ENGINEERS