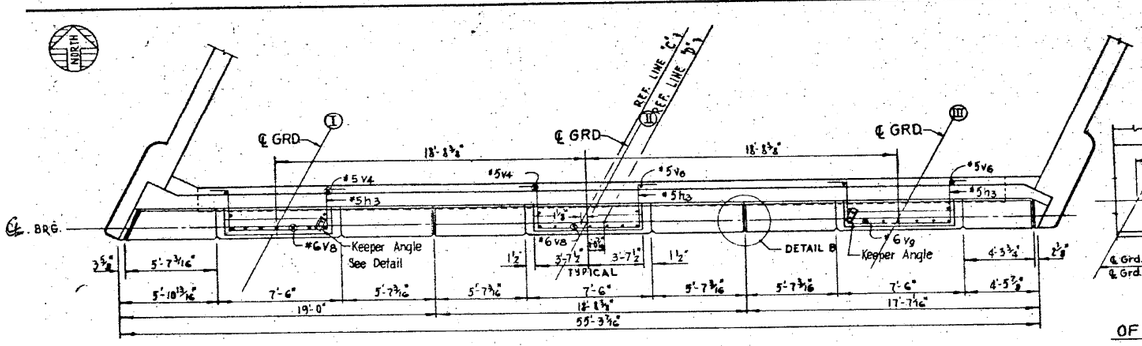
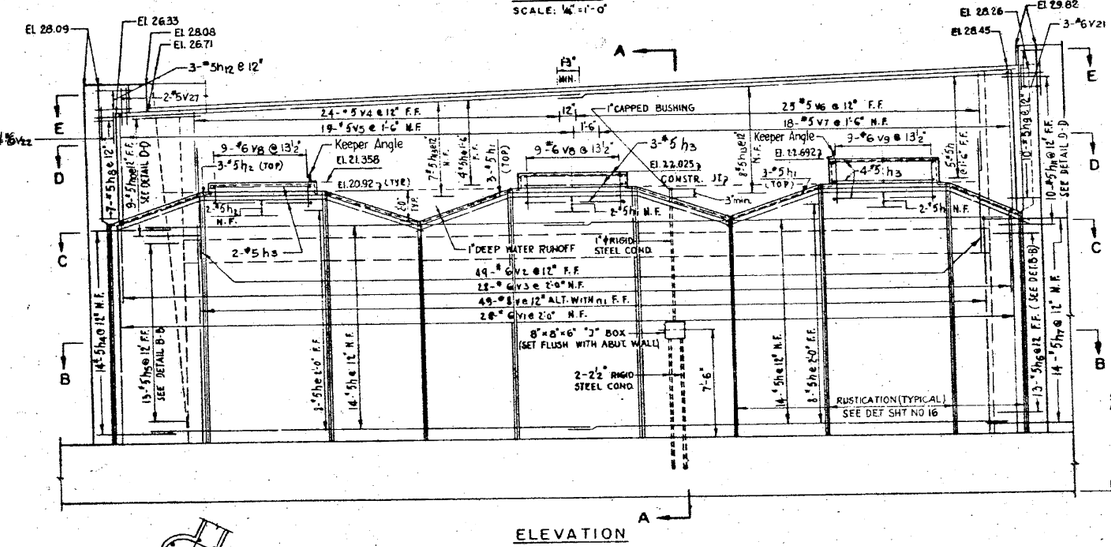
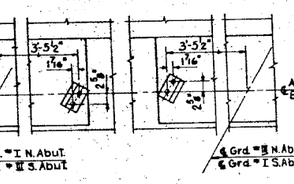


PLAN

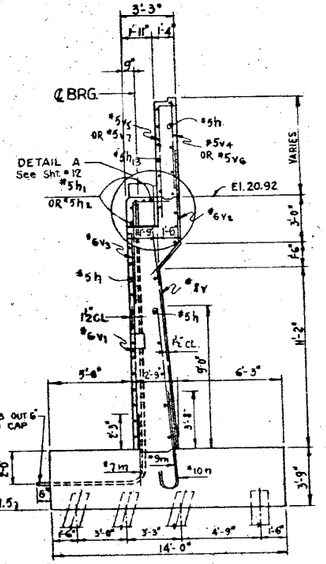
SCALE: ⅛" = 1'-0"



ELEVATION

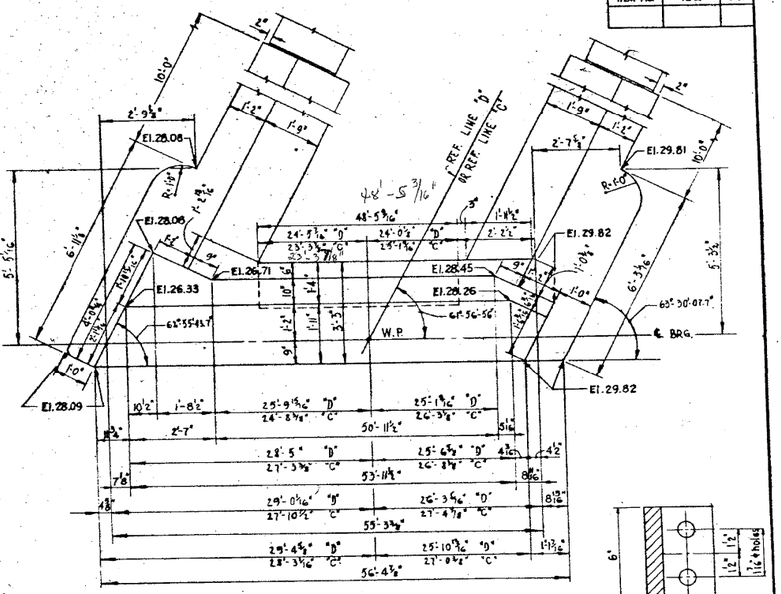


LOCATION PLAN OF KEEPER ANGLE ANCHOR BOLTS

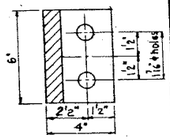


SECTION A-A

SCALE: ½" = 1'-0"

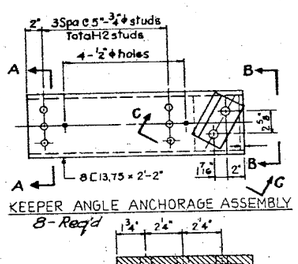


TOP PLAN DIMENSIONS & ELEVATIONS FOR LINE "C" & LINE "D"



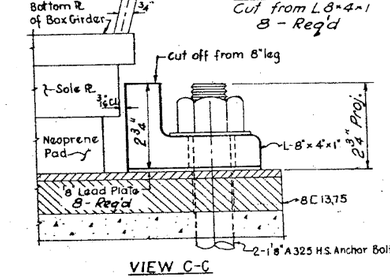
KEEPER ANGLE

Cut from L8×4×1
8 - Req'd

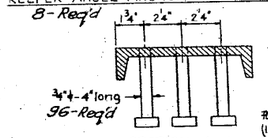


KEEPER ANGLE ANCHORAGE ASSEMBLY

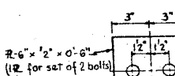
8-Req'd



VIEW C-C

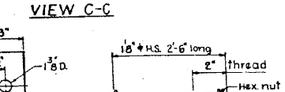


SECTION A-A



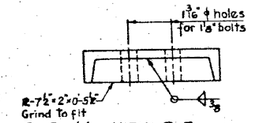
DETAIL OF ANCHOR PLATE

8-Req'd

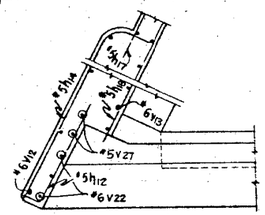


DETAIL OF ANCHOR BOLT

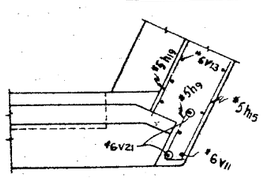
16 - Req'd

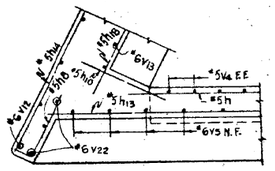


VIEW B-B

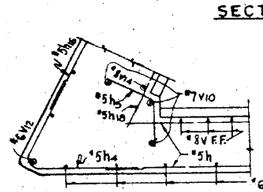


SECTION E-E

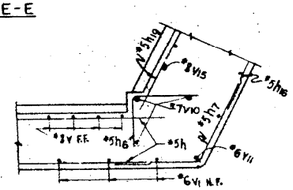


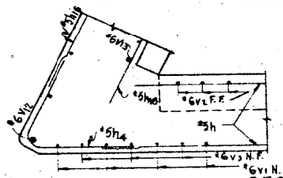


SECTION D-D

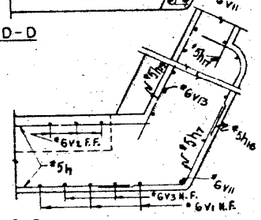


SECTION B-B





SECTION C-C



NOTES :-
For Detail A and Detail B see Sheet No. 12
For Wing Wall Details see Sheet No. 16
For Bill of Material see Sheet No. 16

SCALE: AS SHOWN

REVISIONS		
DATE	BY	DESCRIPTION
9.10.70	J.P	Details of add. Keeper Angles shown.

COUNTY PROGRAM

ITEM No.	YEAR	SHEET No.

DEPARTMENT OF HIGHWAYS
COOK COUNTY, ILLINOIS
GEORGE W. DUNNE, PRESIDENT BOARD OF COMMISSIONERS
THOMAS G. COTS, SUPERINTENDENT OF HIGHWAYS

NORTH ABUTMENTS – TOP PLAN AND ELEVATION
STONY ISLAND EXPRESSWAY GRADE SEPARATION
OVER
103 RD STREET

COMPUTED: J. Gabinski
CHECKED: A. Szent-a
DRAWN: T. Mullins, J. K.
CHECKED: Jos. Janney
PROJECT: EBU-2481(41)
SUBMITTED: 7-8-1970
STRUCTURAL DESIGN ENGINEER

EXAMINED: 7-10-70
CHIEF ENGINEER OF DESIGN

Route	SECTION NUMBER	Sheet No.	Total Sheets	Drawing No.
122	174-15152-C.F.	15	34	S.1-149-
	176-15152-C.F.			

BOWMAN, BARRETT & ASSOCIATES INC. CONSULTING ENGINEERS Chicago, Illinois 312.228.0100 www.bbandainc.com	USER NAME =	DESIGNED -	REVISED -
		CHECKED - BAK	REVISED -
	PLOT SCALE =	DRAWN -	REVISED -
	PLOT DATE = 03/29/2013	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (FOR INFORMATION ONLY)
STRUCTURE NOS. 016-2441 & 016-2442
SHEET NO. S-27 OF S-31 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	583
		CONTRACT NO. 60J12		
	ILLINOIS FED. AID PROJECT			

3/29/2013
2:55:55 PM
S:\1872\-05-CADD\Structural\SN 0162441_2442\CADD Sheets\0162441-2442-60J12-027-F10.dgn