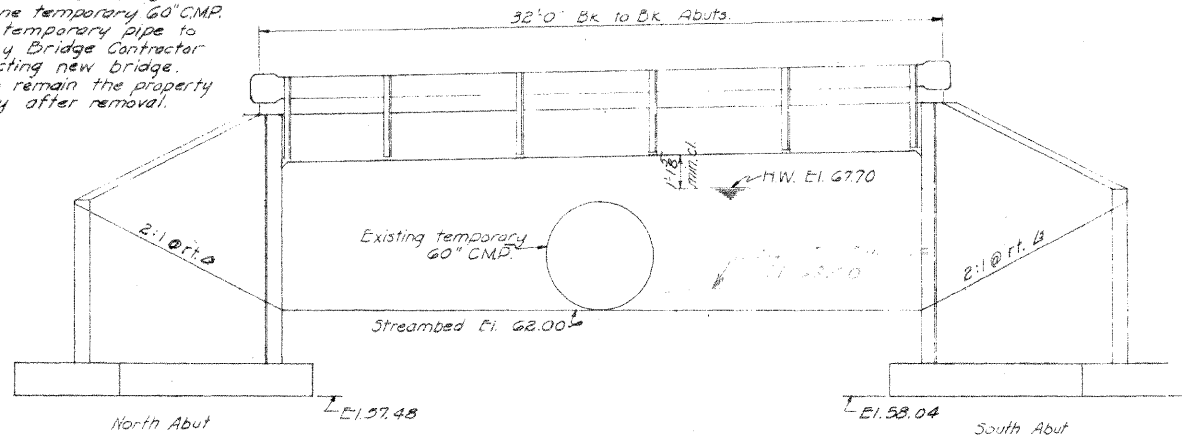
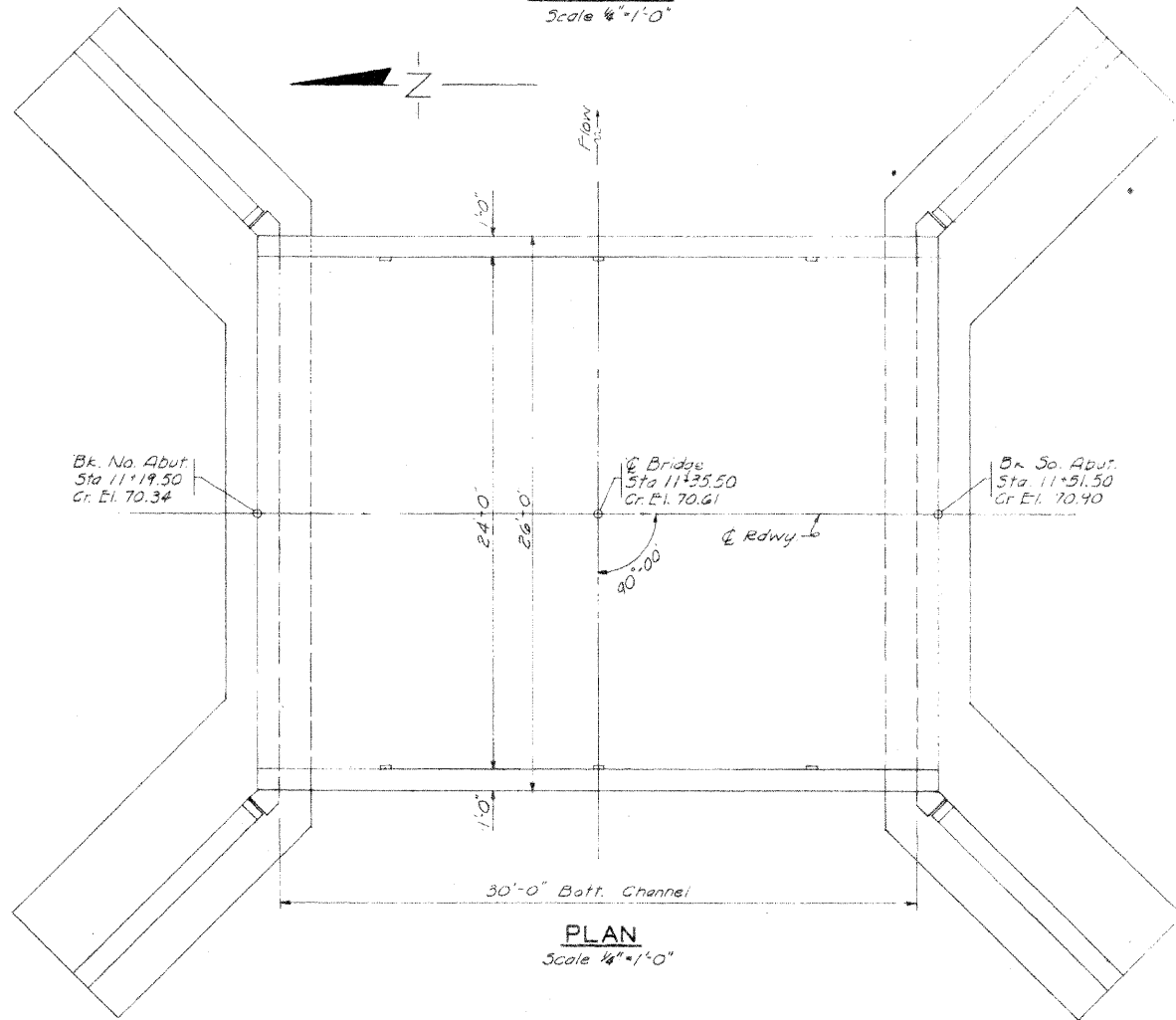


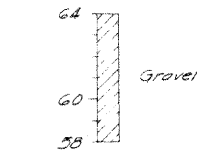
BM Spike in North Root 24" Oak
60' Left of Sta. 11+83. El. 68.29
Existing Structure: Two concrete
abutments & one temporary 60" CMP.
Abutments and temporary pipe to
be removed by Bridge Contractor
before constructing new bridge.
Existing CMP to remain the property
of Kane County after removal.



ELEVATION
Scale 1/4" = 1'-0"



PLAN
Scale 1/4" = 1'-0"

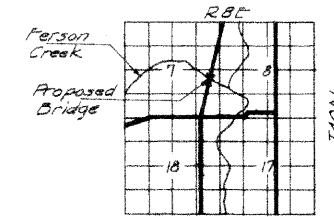


BORING DATA

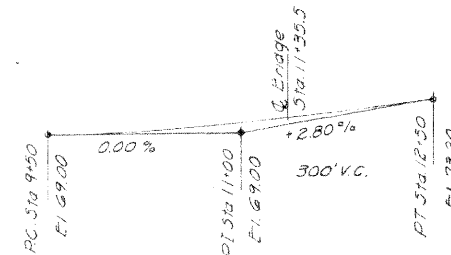
STATION 11+35.50
PERSON CREEK
BURR BRIDGE BUILT 195
ST. CHARLES TWP.
KANE COUNTY
LOADING M13-512

LETTERING FOR NAME PLATE

See Std. 213



LOCATION SKETCH



CURVE DATA

TOTAL BILL OF MATERIAL

Item	Super	Sub	Total
Class X Concrete	Cu Yds 43.8	70.2	114.0
Reinforcement Bars	Lbs 10220	5520	15740
Metal Plate Bridge Rail	Lm. Ft. 58		58
Name Plates	Ea. 1		1
Removal of Existing Structures	Ea. 1		1
Class A Excavation	Cu Yds	150	150
Class B Excavation	Cu Yds.	200	200

WATERWAY DATA

Drainage Area 7905 Acres
Opening Reg'd 170 Sq. Ft.
Present Opening 20 Sq. Ft.
Proposed Opening 171 Sq. Ft.

DESIGN STESSES

$f_c = 20,000$ psi
 $f_s = 14,000$ psi super
 $f_s = 10,000$ psi sub
 $n = 10$

Loading M13-512-44

**GENERAL PLAN & ELEVATION
BURR BRIDGE**

STA. 11+35.50
ST. CHARLES TOWNSHIP
KANE COUNTY

HANSON, COLLINS & RICE
CONSULTING ENGINEERS

DESIGNED: APE CHECKED: YFS
DRAWN: QPC DATE: 2-24-59 NO. B-58-44

SHEET 1 OF 3 3079

FILE NAME = M:\Projects\2010\100025 BurrPerson\cadd\Cvt1\Drawings\EX15TRU_01.dgn

USER NAME = #USER#	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE = 10/19/2011	CHECKED -	REVISED -
	DATE - 10/24/11	REVISED -

TOWNSHIP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	08-14117-00-BR	KANE	76	55
CONTRACT NO. 63645				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				