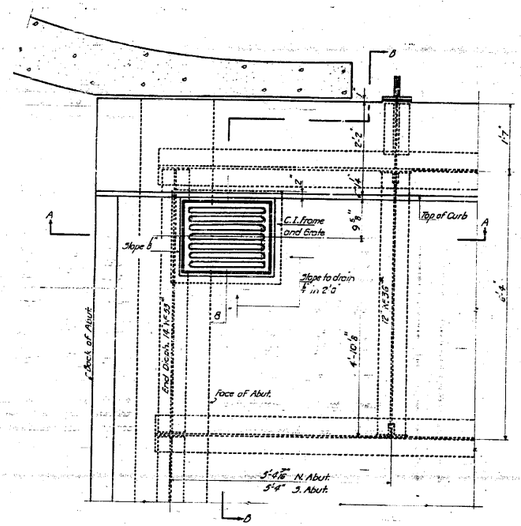
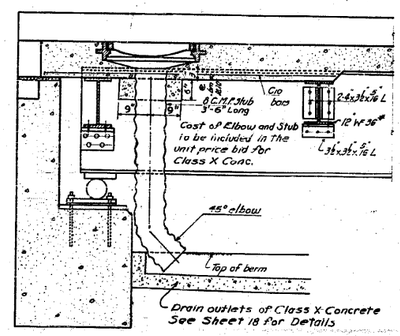
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

BOND ISSUE ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	64-1 VD VE VF	St. Clair	16 17 18	16 17 18
FED. ROAD ACT. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 17
30 SHEETS



PLAN OF DECK DRAINS AT ABUTMENTS



SECTION A-A

BILL OF MATERIAL
SPANS 1-2 & 3

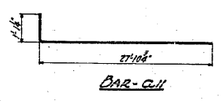
BAR	NO.	SIZE	LENGTH
a10	360	⅝"	30'-6"
a11	336	⅝"	29'-0"
a12	306	⅝"	26'-6"
a13	84	½"	2'-0"
b10	190	⅝"	32'-6"
b11	420	⅝"	36'-6"
b12	144	⅝"	12'-9"
b13	60	½"	22'-3"
b14	60	½"	8'-3"
b15	48	½"	23'-6"
C10	22	⅝"	6'-3"
X	112	⅝"	6'-9"
X-2	106	⅝"	3'-3"
UU1	328	5/8"	2'-7"
Class X Concrete		Cu.Yd.	227.0
Reinforcement Bars		Lbs.	48840
Structural Steel Carbon		Lbs.	78110

BILL OF MATERIAL
SPANS 4-5 & 6

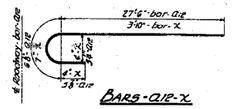
BAR	NO.	SIZE	LENGTH
a10	618	⅝"	30'-6"
a11	616	⅝"	29'-0"
a12	576	⅝"	26'-6"
a13	196	½"	2'-0"
b14	306	⅝"	37'-0"
b17	670	⅝"	37'-0"
b18	60	½"	25'-9"
b19	80	½"	14'-9"
b20	74	½"	28'-0"
b21	144	⅝"	32'-0"
UU1	570	5/8"	2'-7"
C13	22	⅝"	3'-6"
X2	186	⅝"	3'-3"
Class X Concrete		Cu.Yd.	394.9
Reinforcement Bars		Lbs.	82920
Structural Steel Carbon		Lbs.	146790

BILL OF MATERIAL
SPANS 8-9 & 10

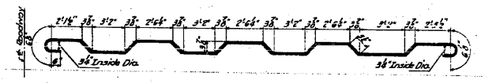
BAR	NO.	SIZE	LENGTH
a10	660	⅝"	30'-6"
a11	630	⅝"	29'-0"
a12	576	⅝"	26'-6"
a13	112	½"	2'-0"
b22	228	⅝"	38'-0"
b23	306	⅝"	38'-0"
b24	90	½"	23'-0"
b25	40	½"	11'-9"
b26	48	½"	31'-9"
b27	144	⅝"	24'-9"
C10	22	⅝"	6'-3"
X	112	⅝"	6'-9"
X-2	144	⅝"	3'-3"
UU1	440	5/8"	2'-7"
Class X Concrete		Cu.Yd.	306.8
Reinforcement Bars		Lbs.	664.70
Structural Steel Carbon		Lbs.	103020



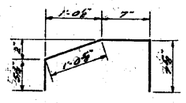
BAR - a11



BARS - a12-X

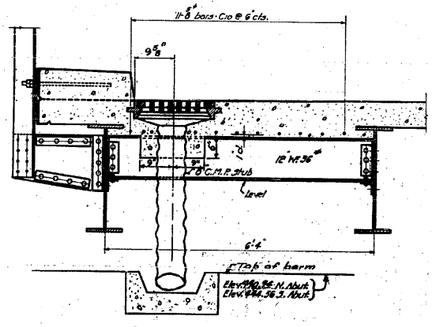


BAR - a10



BAR - UU1

DETAIL OF C.I. FRAME & GRATE
10 Req'd.



SECTION B-B

STANDARD	COMPUTED W.J.W.	EXAMINED 8-10 1954	
	CHECKED R.F.S.	PASSED W. E. Hanson	
	DRAWN W.J.W.	ENGINEER OF OFFICE AND TRAFFIC STRUCTURES	
	CHECKED R.W.B.	APPROVED R.R. Datt	
SPECIAL	ASSEMBLED	ENGINEER OF BRIDGES	
	CHECKED	CHIEF HIGHWAY ENGINEER	

DECK DETAILS
GRADE SEPARATION
MISSOURI PACIFIC R.R.
NORTH OF DUPO
F.A. ROUTE 4 ~ SEC. 64-1 V.D.E.F.
ST. CLAIR COUNTY

FOR INFORMATION ONLY

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	64-1VBR	ST. CLAIR	259	117
		CONTRACT NO. 76882		
		ILLINOIS FED. AID PROJECT		

FILE NAME = ...\117-D876882-exist-bridge-plans-17.dgn	USER NAME = CFC...	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.000000 ' / IN.	CHECKED -	REVISED -
CB JOB NO 09021	PLOT DATE = 8/5/2010	DATE - / /	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 082-0030 PLANS
(ORIGINAL PLANS)

SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.