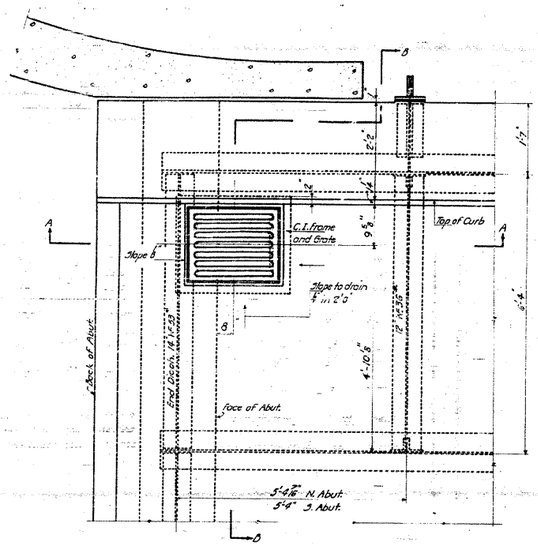
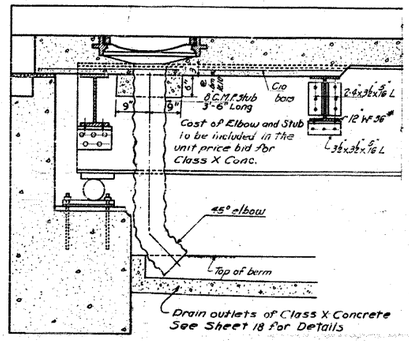
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

BOND ISSUE ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
A	64-1-10 VE VF	St Clair	16 15 19	14 15
FED. ROAD DIST. 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	5/8"	30'-6"
A11	358	5/8"	29'-0"
A12	308	5/8"	28'-6"
A13	84	1"	21'-0"
b10	190	5/8"	36'-6"
b11	420	5/8"	34'-6"
b12	144	5/8"	18'-9"
b13	40	1"	22'-3"
b14	40	1"	8'-3"
b15	48	1"	23'-6"
C10	22	3/8"	6'-3"
X	112	3/8"	4'-9"
X2	108	3/8"	3'-3"
UU1	328	1 1/4"	8'-9"

Class X Concrete	Cu.Yd.	727.0
Reinforcement Bars	Lbs.	48840
Structural Steel Carbon	Lbs.	76110

BILL OF MATERIAL
SPANS 4-5 & 6

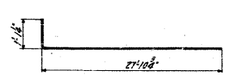
BAR	NO.	SIZE	LENGTH
A10	618	5/8"	30'-6"
A11	616	5/8"	29'-0"
A12	528	5/8"	28'-6"
A13	144	1"	21'-0"
b10	304	5/8"	37'-0"
b11	672	5/8"	37'-0"
b12	60	1"	23'-3"
b13	40	1"	14'-9"
b20	74	1"	28'-0"
b21	144	1"	32'-0"
UU1	570	1 1/4"	21'-9"
C13	22	3/8"	3'-6"
X2	186	3/8"	3'-3"

Class X Concrete	Cu.Yd.	394.9
Reinforcement Bars	Lbs.	82820
Structural Steel Carbon	Lbs.	146730

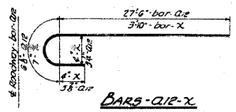
BILL OF MATERIAL
SPANS 8-9 & 10

BAR	NO.	SIZE	LENGTH
A10	680	5/8"	30'-6"
A11	478	5/8"	29'-0"
A12	478	5/8"	28'-6"
A13	112	1"	21'-0"
b22	228	5/8"	35'-0"
b23	304	5/8"	35'-0"
b24	40	1"	27'-0"
b25	40	1"	11'-3"
b26	48	1"	31'-9"
b27	144	1"	26'-9"
C10	22	3/8"	6'-3"
X	112	3/8"	4'-9"
X2	144	3/8"	3'-3"
UU1	440	1 1/4"	21'-9"

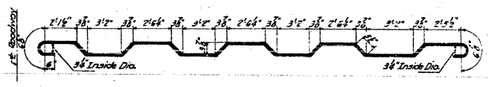
Class X Concrete	Cu.Yd.	306.2
Reinforcement Bars	Lbs.	64670
Structural Steel Carbon	Lbs.	95320



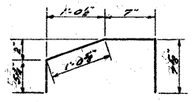
BAR - C11



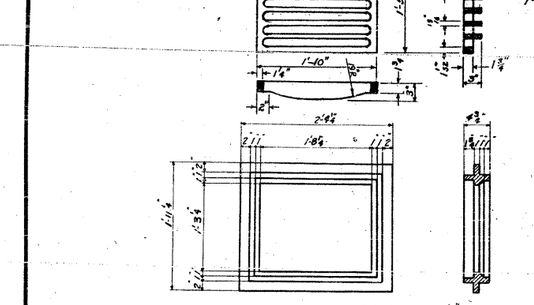
BARS - C12-X



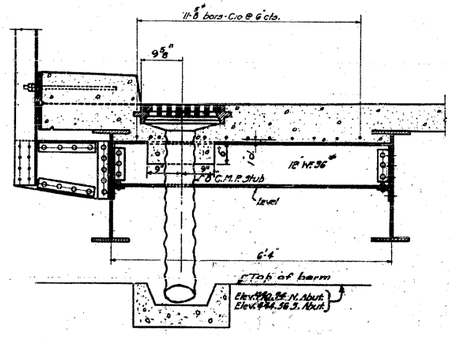
BAR - C10



BAR - UU1



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



SECTION B-B

STANDARD	COMPUTED	W.J.W.
	CHECKED	W.E. Hanson
	DRAWN	W.J.W.
	CHECKED	RWB
SPECIAL	ASSEMBLED	
	CHECKED	

EXAMINED 8-10 1954
W. E. Hanson
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED
CHIEF ENGINEER OR ENGINEER OF DESIGN
APPROVED
DIVISION OF HIGHWAYS

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

FILE NAME =	USER NAME = CFC...	DESIGNED -	REVISED -
...\117-D876882-exist-bridge-plans-17.dgn		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.

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