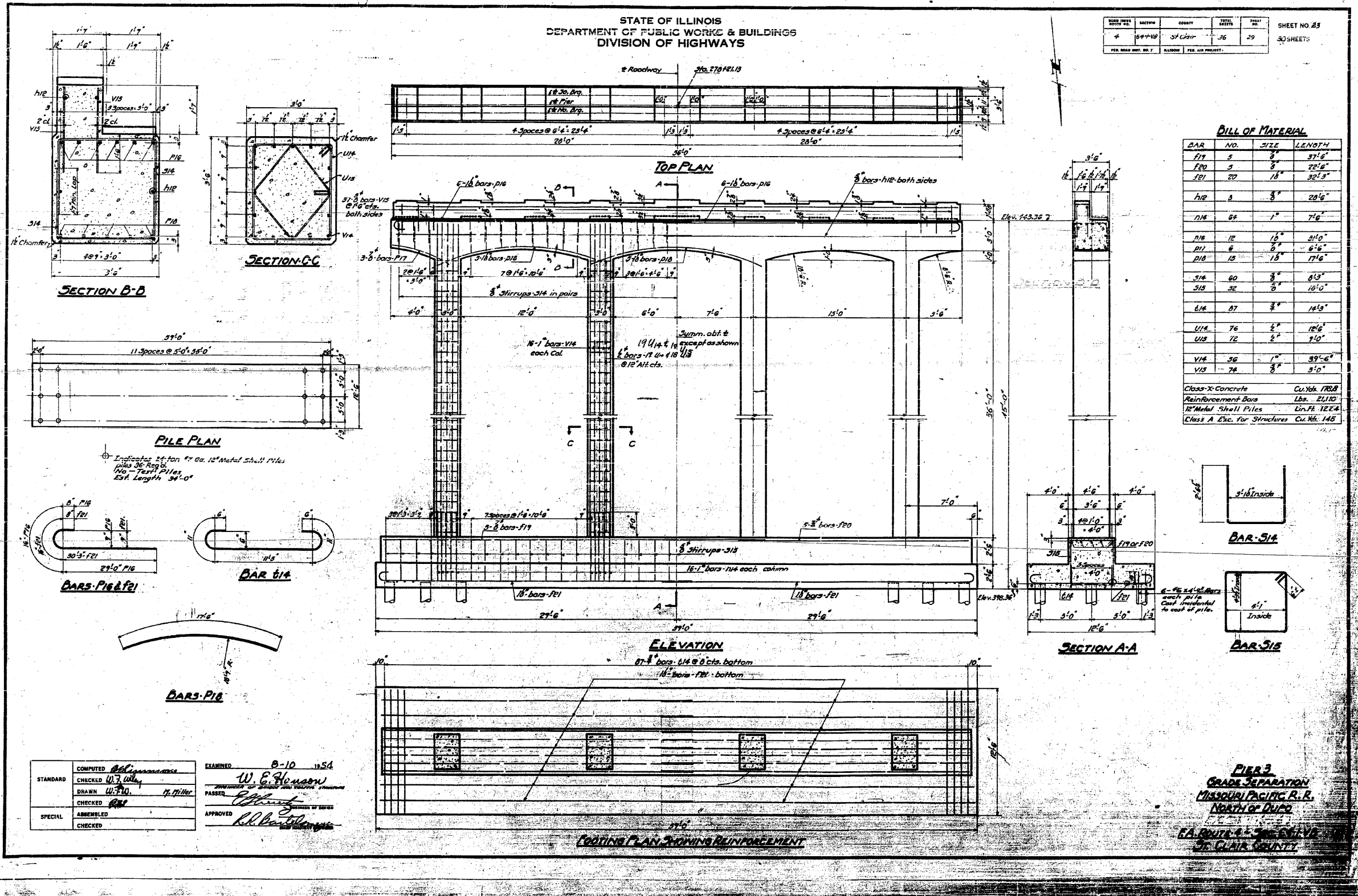


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64-1VBR	ST. CLAIR	36	29

SHEET NO. 29
30 SHEETS

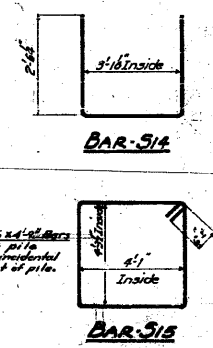
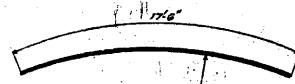
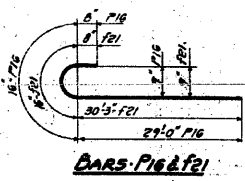


BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH
F19	5	8"	37'-6"
F20	5	8"	78'-6"
F21	20	18"	32'-3"
F18	3	8"	28'-6"
F16	62	1"	7'-6"
F16	12	16"	34'-0"
F11	6	6"	6'-6"
F18	15	18"	17'-6"
F14	60	3/8"	6'-3"
F18	32	5/8"	10'-0"
F14	87	3/8"	14'-3"
F14	76	1/2"	12'-6"
F18	72	1/2"	7'-0"
F14	56	1"	39'-6"
F13	74	3/8"	3'-0"

Class-X Concrete Cu. Yds. 170.8
Reinforcement Bars Lbs. 21,110
12" Metal Shell Piles Lin. Ft. 122.4
Class A Exc. for Structures Cu. Yds. 145

Indicates 24-ton 47 cu. ft. 12" Metal Shell Piles
piles 36' long.
No Taper Piles
Est. Length 34'-0"



STANDARD	COMPUTED	W. E. Hanson	EXAMINED	8-10-54
	CHECKED	W. E. Hanson		
	DRAWN	W. E. Hanson		
	CHECKED	W. E. Hanson		
SPECIAL	APPROVED	W. E. Hanson		
	CHECKED	W. E. Hanson		

PIER 3
GRADE SEPARATION
MISSOURI PACIFIC R. R.
NORTH OF DUPO
I.A. ROUTE 4 - 3/4 MILE
ST. CLAIR COUNTY



FOR INFORMATION ONLY

FILE NAME =	USER NAME = CFC...	DESIGNED -	REVISED -
...123-0876882-exist-bridge-plans-23.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.000000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2010	DATE - / /	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SN 082-0030 PLANS
(ORIGINAL PLANS)

CB 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	123

CONTRACT NO. 76882
ILLINOIS FED. AID PROJECT