B.M.#124-(Harting) Elev. 445.407 - U.S.G.S. (1929) Mon. U.S.B.M. on S.W. cor. of coping of E. Abutment of Wabash R.R. bridge of Meredosia, Illinois.
B.M. #137 - S.E. cor. of W. abut. Wabash R.R. bridge at Meredosia. Elev. 445.69 U.S.G.S. 1929 Adjustment
Meredosia Bridge Datum #0.77 - S.B.I. Rt. 104 Datum.
For detail of 2 insets see sheet #10

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

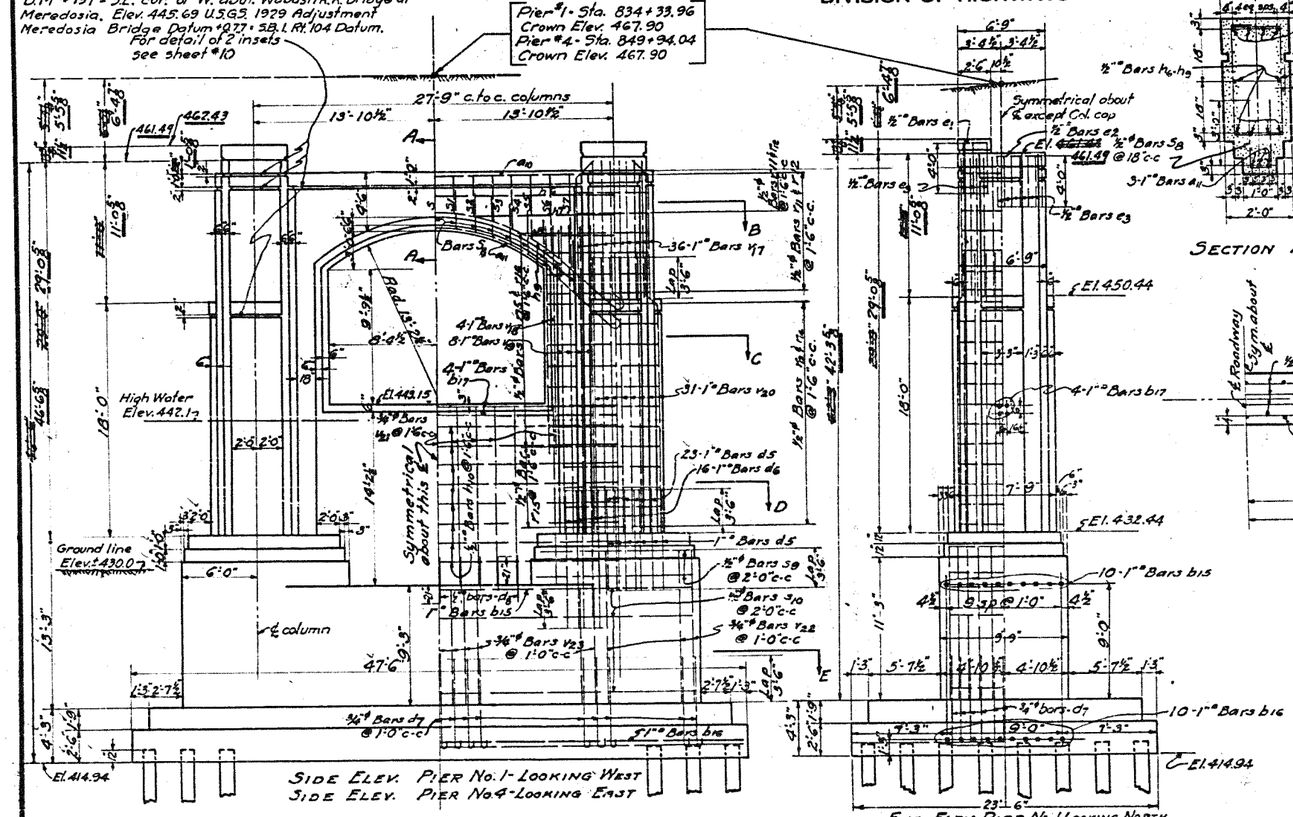
SCALE NO.	SECT.	COUNTY			
10A	123B	Morgan Pike	19	12	

FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT

SHEET NO 8-B
SHEETS 15-B

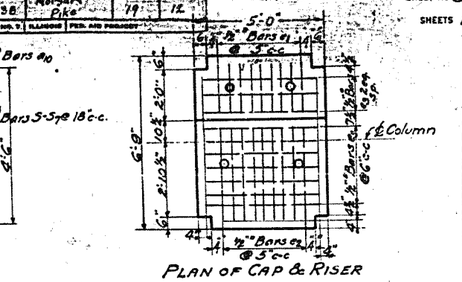
FED. ROAD DIST. NO.	STATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	ILLINOIS	123B	Morgan Pike	37	33

Pier #1 - Sta. 834+33.96
Crown Elev. 467.90
Pier #4 - Sta. 849+94.04
Crown Elev. 467.90



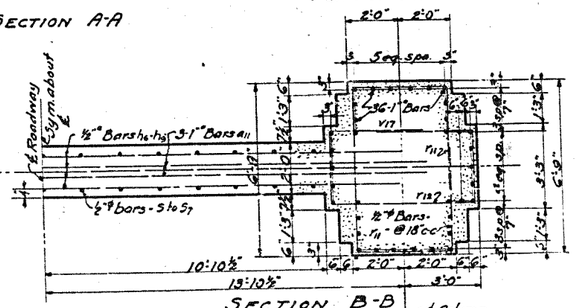
SIDE ELEV. PIER No. 1 - LOOKING WEST
SIDE ELEV. PIER No. 4 - LOOKING EAST

END ELEV. PIER No. 1 LOOKING NORTH
END ELEV. PIER No. 4 LOOKING SOUTH

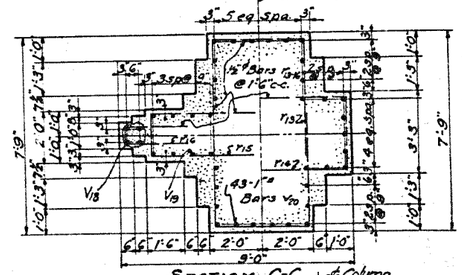


SECTION A-A

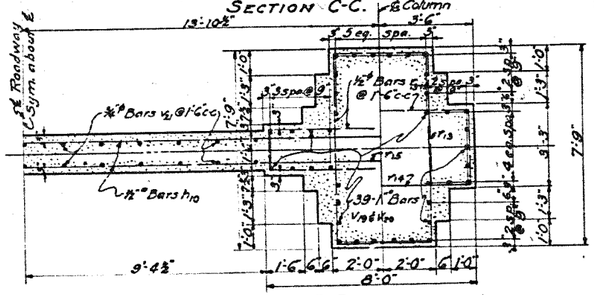
PLAN OF CAP & RISER



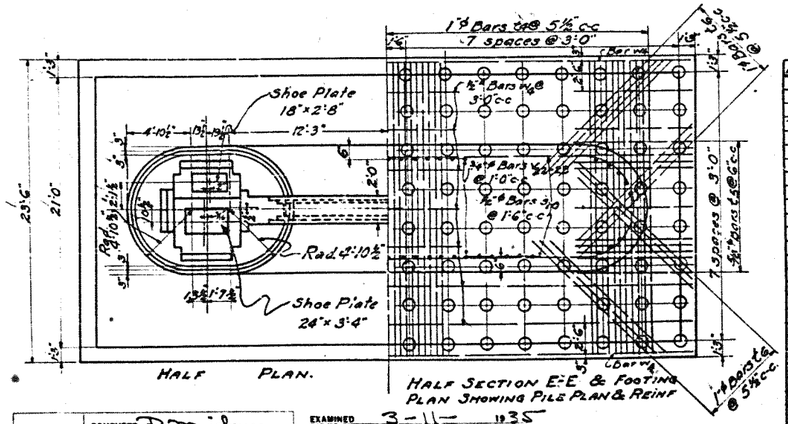
SECTION B-B



SECTION C-C.



SECTION D-D.



HALF PLAN.

HALF SECTION E-E & FOOTING PLAN SHOWING PILE PLAN & REINF

BILL OF MATERIAL FOR PIERS 1 & 4.

Bar	No.	Size	Length	Bar	No.	Size	Length
a10	16	1"	18'-6"	s7	4	¾"	18'-9"
a11	6	1"	36'-6"	s8	34	¾"	6'-9"
b15	20	1"	30'-0"	s9	16	¾"	18'-3"
b16	40	1"	25'-3"	s10	40	¾"	23'-6"
b17	8	1"	27'-9"	t4	178	1"	23'-0"
d5	90	1"	8'-3"	t5	84	⅝"	9'-0"
d6	64	1"	11'-3"	t6	128	1"	12'-6"
d8	160	¾"	8'-6"	v17	144	1"	10'-9"
e1	36	½"	10'-0"	v18	16	1"	16'-6"
e2	36	½"	11'-6"	v19	32	1"	23'-0"
e3	40	½"	12'-3"	v20	124	1"	21'-6"
r11	28	¾"	21'-0"	v21	52	¾"	14'-3"
r12	12	¾"	18'-0"				
r13	48	¾"	23'-0"	v22	76	¾"	12'-0"
r14	48	¾"	11'-0"	v23	84	¾"	9'-0"
r15	64	¾"	9'-9"	w4	36	½"	24'-3"
r16	48	¾"	5'-9"	h6	4	½"	27'-9"
s	2	¾"	10'-3"	h7	8	½"	11'-0"
s1	4	¾"	10'-6"	h8	8	½"	7'-6"
s2	4	¾"	10'-9"	h9	16	½"	19'-3"
s3	4	¾"	11'-6"	h10	36	½"	27'-9"
s4	4	¾"	12'-6"	d8	52	½"	3'-6"
s5	4	¾"	14'-3"				
s6	4	¾"	16'-3"				

CONCRETE CLASS X, CU. YDS.	857.5
REINF. STEEL LBS.	59160
22 TON UNTR'D PILE LIN. FT.	6400

NOTES:
Class X concrete shall be used thruout.
All reinforcing steel shall be wired securely in place before concrete is poured
All main reinforcing rods to be 3" clear of the surface of the concrete unless noted.
Chamfer all exposed corners ¾"x¾".
All anchor bolts and sleeves for superstructure to be furnished by superstructure contractor and set by the same. For details see Sheet No. 11
A cluster of 3 test piles shall be jetted in place at each pier, allowed to stand 24 hours then tested with a test load
All piles to be jetted in place.
~~Test piles to be a part of the foundation piles.~~

STANDARD	COMPUTED	P. Milburn
	CHECKED	P.B. Culp
	DRAWN	P.B. Culp
	CHECKED	P. Milburn
SPECIAL	ASSEMBLED	
	CHECKED	

EXAMINED 3-11-1935
L. F. Burch
PASSED
APPROVED Ernest Hilbert

22 Ton untr'd pile
128 required
Est. Length 3200 Ft. each pier

PIERS 1 & 4
ILLINOIS RIVER BRIDGE
MEREDOSIA ILLINOIS
S.B.I. ROUTE 104 SEC. 123-B
MORGAN-PIKE COUNTIES

Revised: Thickness of Shoulder - typ. Pier - 7-24-35 A.L.Tobe.