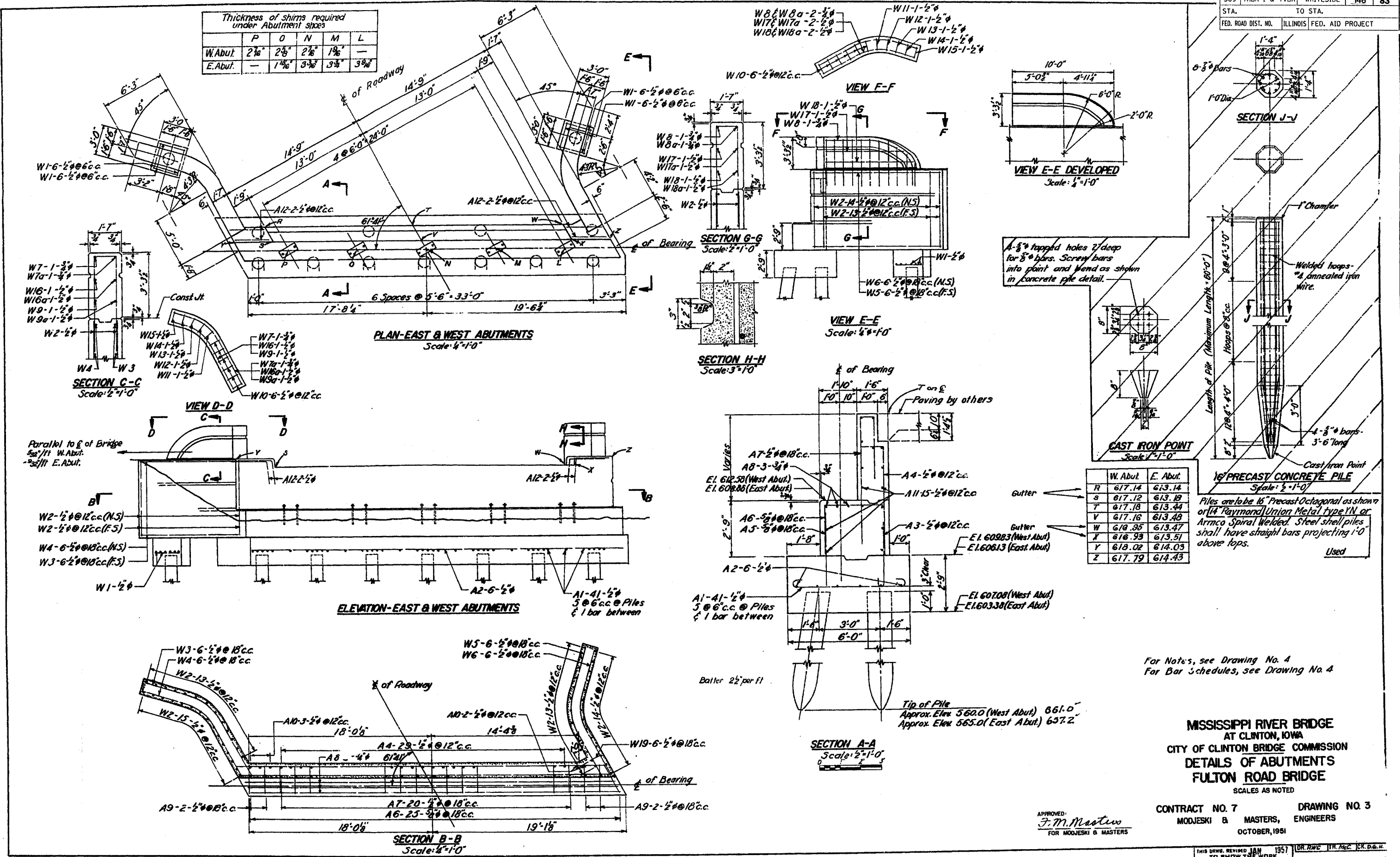


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
309	7HBR-1 & TVBR	WHITESIDE	146	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Thickness of shims required under Abutment shoes

	P	O	N	M	L
W.Abut.	2 1/8"	2 3/8"	2 1/8"	1 3/4"	—
E.Abut.	—	1 3/8"	3 3/8"	3 3/8"	3 3/8"



4-5/8" tapped holes 2" deep for 3/8" bars. Screw bars into point and bend as shown in concrete pile detail.

	W. Abut.	E. Abut.
R	617.14	613.14
Q	617.12	613.13
T	617.18	613.44
V	617.16	613.48
W	618.95	613.47
X	616.93	613.51
Y	618.02	614.03
Z	617.79	614.43

Piles are to be 16" Precast Octagonal as shown or 14" Raymond Union Metal type 1N or Armco Spiral Welded. Steel shell piles shall have straight bars projecting 1'-0" above tops.

For Notes, see Drawing No. 4
For Bar Schedules, see Drawing No. 4

**MISSISSIPPI RIVER BRIDGE
AT CLINTON, IOWA
CITY OF CLINTON BRIDGE COMMISSION
DETAILS OF ABUTMENTS
FULTON ROAD BRIDGE**

CONTRACT NO. 7 DRAWING NO. 3
MODJESKI & MASTERS, ENGINEERS
OCTOBER, 1951

APPROVED:
F. M. Masten
FOR MODJESKI & MASTERS

THIS DRAWING IS TO SHOW THE WORK AS CONSTRUCTED.