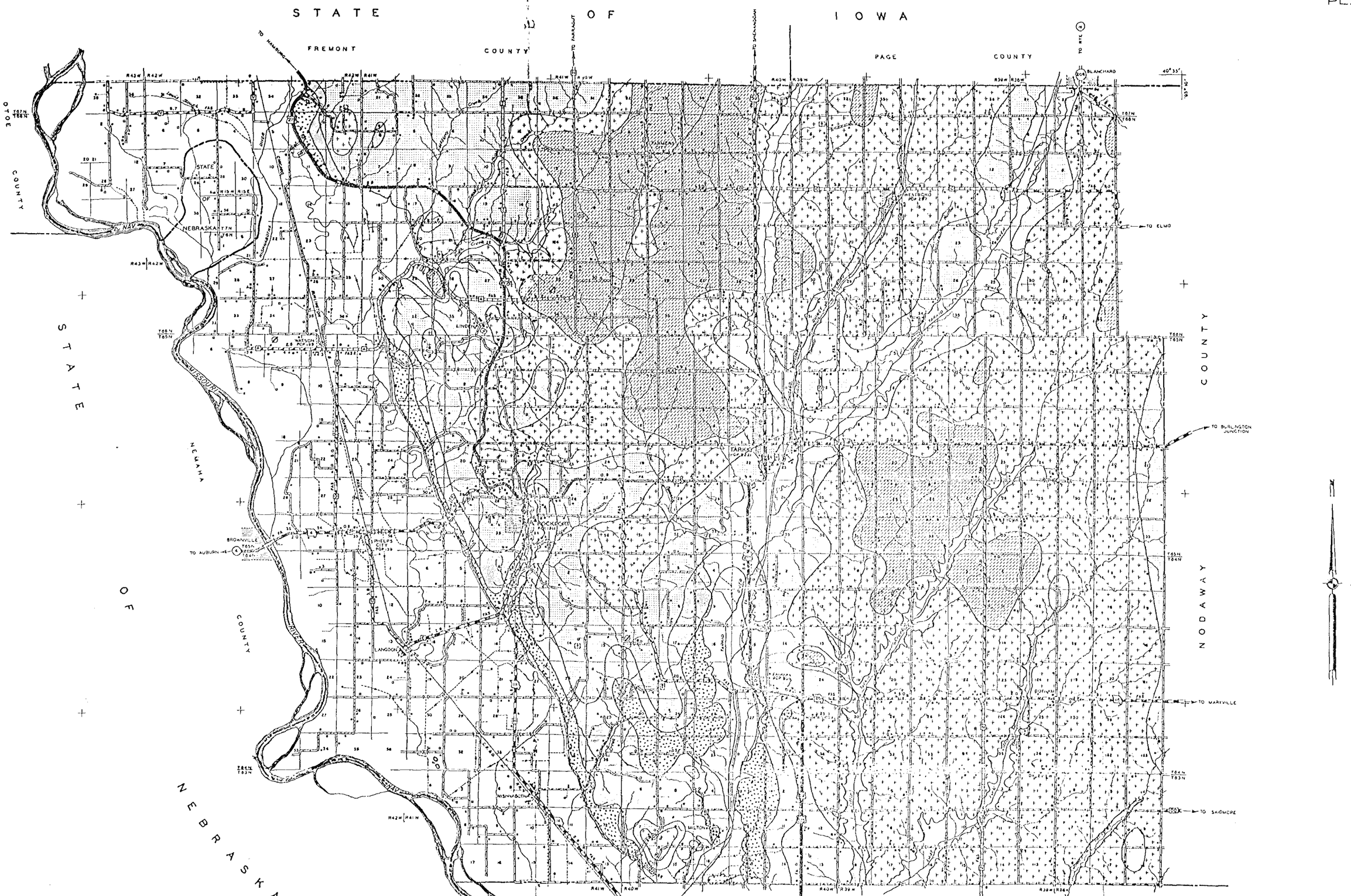
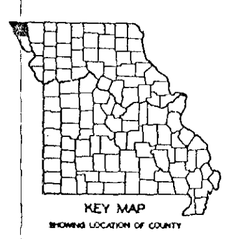
PLATE I



LEGEND

THICKNESS IN FEET	ESTIMATED WATER POSSIBILITIES IN GALLONS PER MINUTE
ALLUVIUM THICKNESS VARIABLE	0-1500
0-50	0-10
50-100	
100-200	15
200-300	30
OVER-300	

BASE BY MO. STATE HIGHWAY DEPT.



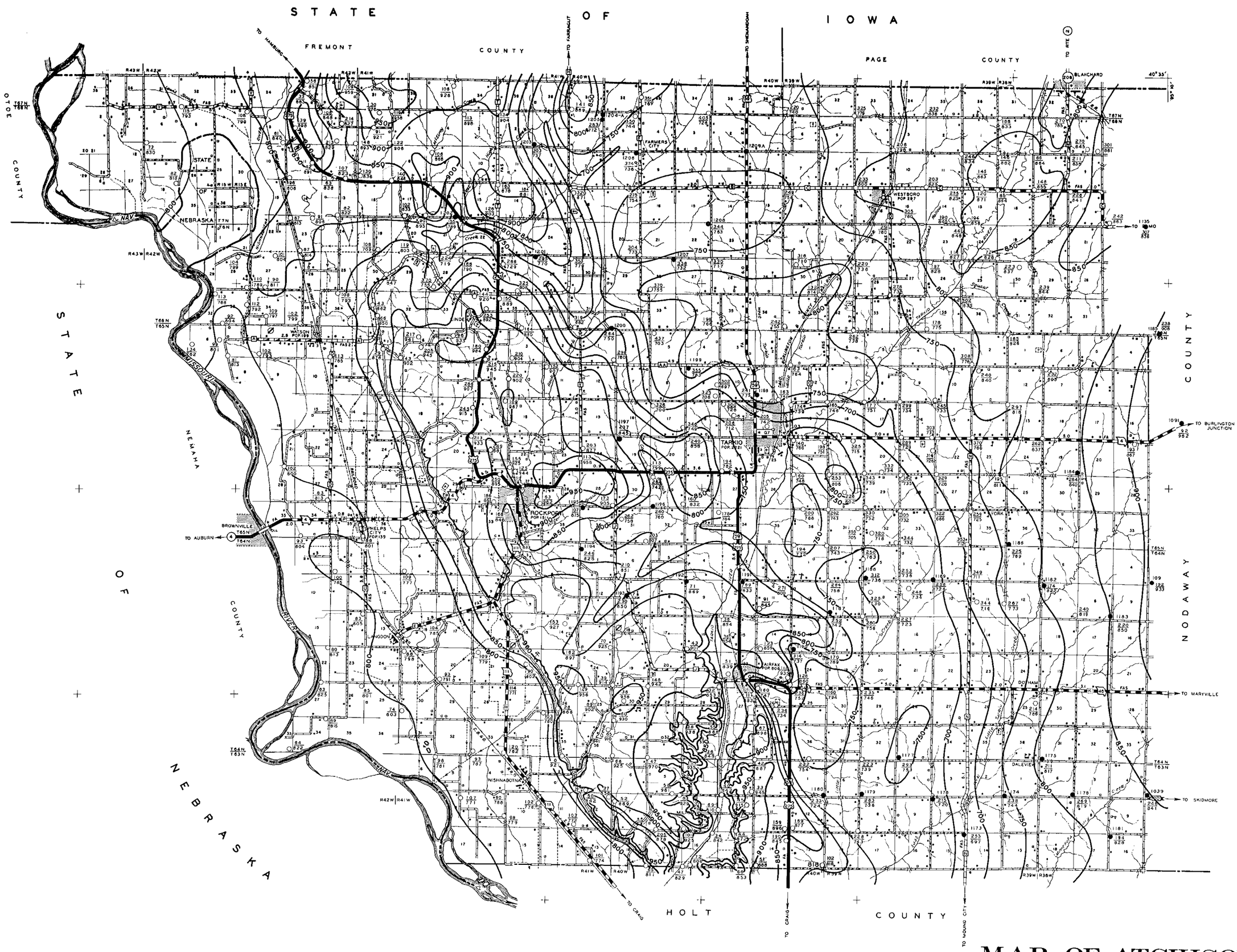
KEY MAP
SHOWING LOCATION OF COUNTY

SCALE
1 0 1 2 3 4 MILES
POLYCONIC PROJECTION

MAP OF ATCHISON COUNTY SHOWING THE THICKNESS OF UNCONSOLIDATED MATERIAL

BY-
G. E. HEIM JR.
J. A. MARTIN
W. B. HOWE

1959
MISSOURI GEOLOGICAL SURVEY & WATER RESOURCES
THOS. R. BEVERIDGE, STATE GEOLOGIST ROLLA, MO.



LEGEND

1234 ● M. G. S. TEST HOLE
SHOWING TEST HOLE NO.
LETTER (A) INDICATES AN ABANDONED HOLE

o WATER WELL, OIL & GAS TEST, ETC.

244—THICKNESS OF UNCONSOLIDATED MATERIAL
878—BEDROCK ELEVATION

CONTOUR INTERVAL = 50'

BASE BY MO. STATE HIGHWAY DEPT.

SCALE

1 0 1 2 3 4 MILES

POLYCONIC PROJECTION

KEY MAP
SHOWING LOCATION OF COUNTY

MAP OF ATCHISON COUNTY SHOWING BEDROCK CONTOURS

BY
G. E. HEIM JR.
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ROLLA, MO.

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