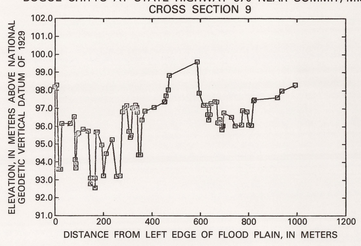
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

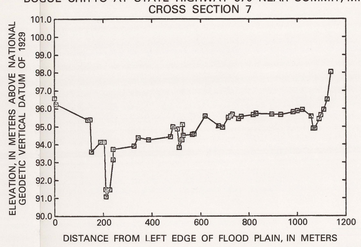
Prepared in cooperation with the
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
AND THE MISSISSIPPI STATE HIGHWAY DEPARTMENT

HYDROLOGIC INVESTIGATIONS
ATLAS HA—592 SHEET 2

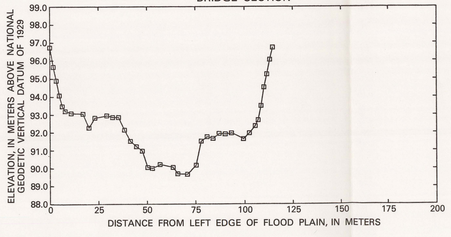
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 9



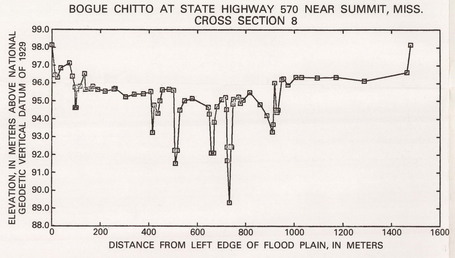
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 7



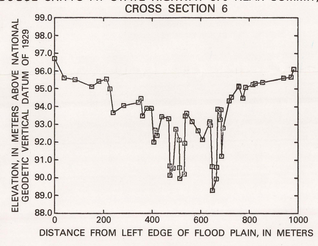
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
BRIDGE SECTION



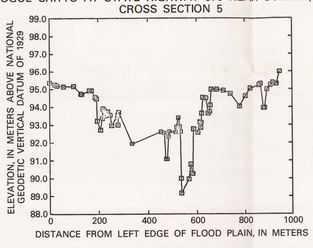
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 8

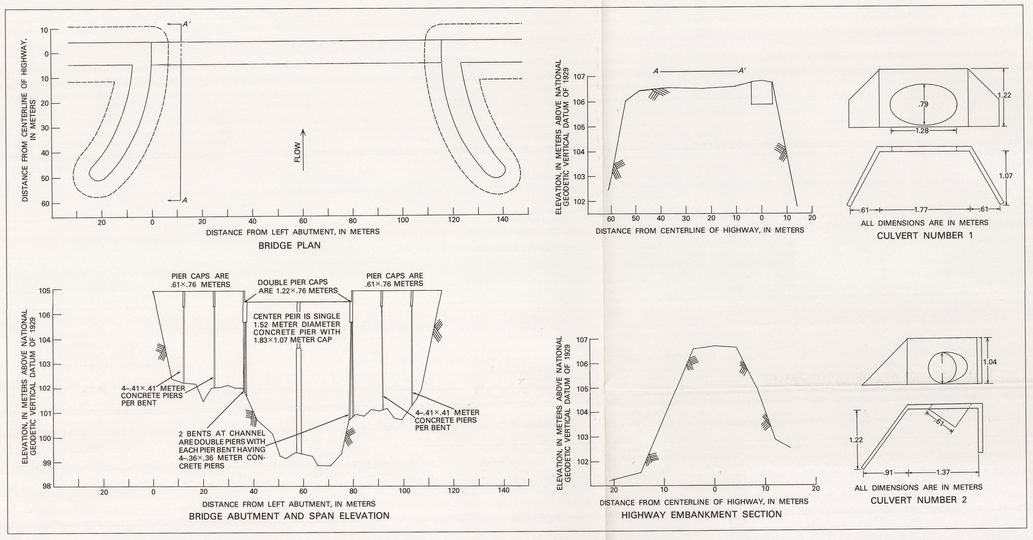


BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 6

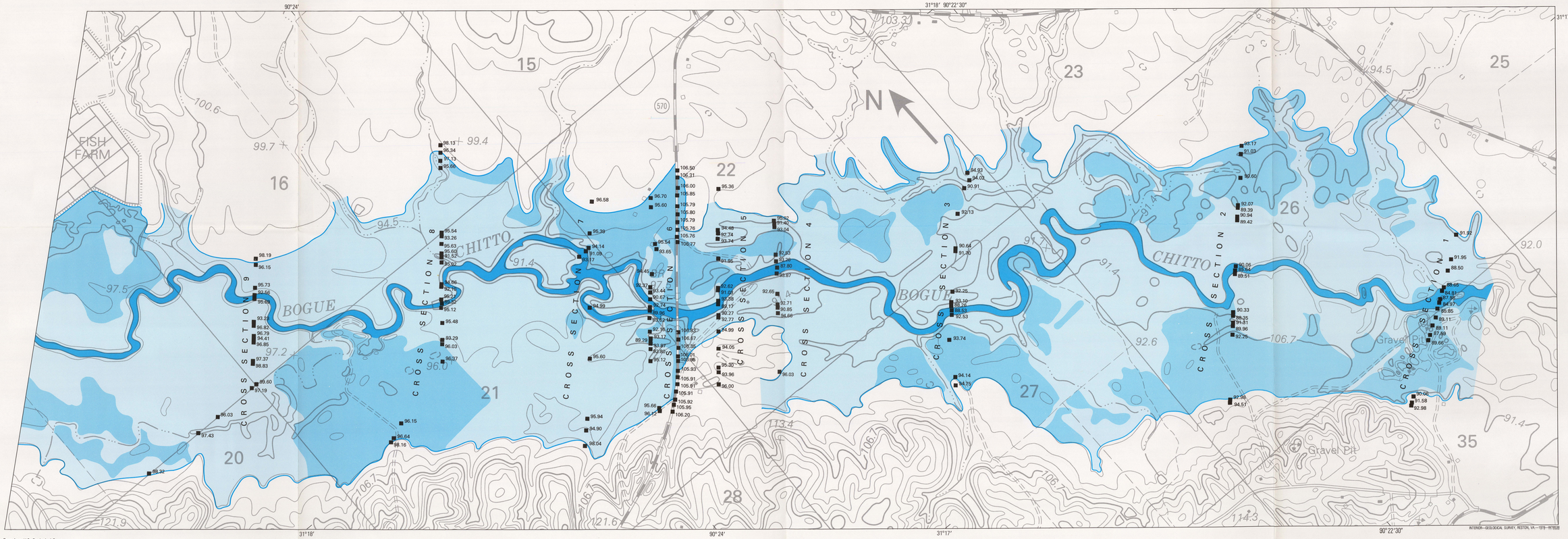


BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 5





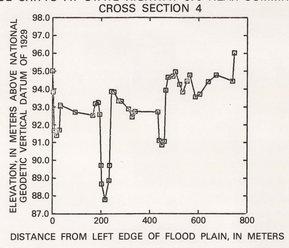
BRIDGE GEOMETRY FOR BOGUE CHITTO NEAR SUMMIT, MISSISSIPPI



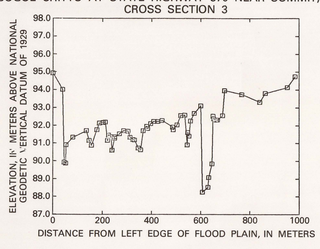
Base from U.S. Geological Survey
McComb North and Priestdale 1:24 000, 1972

SCALE 1:8 000
0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 METERS
CONTOUR INTERVAL ABOUT 3 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

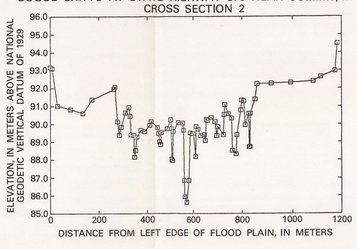
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT MISS.
CROSS SECTION 4



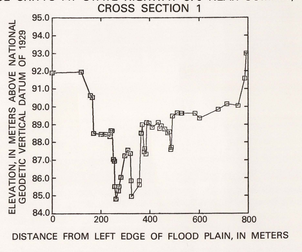
BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 3



BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 2



BOGUE CHITTO AT STATE HIGHWAY 570 NEAR SUMMIT, MISS.
CROSS SECTION 1



EXPLANATION

- 90.06 Elevation of ground surface
- Flood boundary
- Manning Roughness Coefficient

Lower water channel	0.065–0.085
Open land, pasture	0.085–0.120
Dense woods	0.120–0.250

EXAMPLE: If water depth is less than 0.6 meter, $n = 0.180$. If water depth is greater than 0.6 meter, n for water depths between 0.6 and 1.0 meter).

BACKWATER AT BRIDGES AND DENSELY WOODED FLOOD PLAINS, BOGUE CHITTO NEAR SUMMIT, MISSISSIPPI

By
B. E. Colson. C.O. Ming, and George J. Arcement

1978

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