DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, OFFICE OF HIGHWAYS,
AND THE UNITED STATES DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION

WATER-SUPPLY PAPER 2267
PLATE 5

EXPLANATION

ELEMENT TYPES

- Woods
- Brush and trees
- Marsh grass and scattered brush
- Grass and scattered brush
- Grass and brush
- Short grass
- Natural channels
- Straightened channels

—13.0— COMPUTED WATER-SURFACE CONTOUR—
Contour interval 0.2 foot. National Geodetic
Vertical Datum of 1929

→ COMPUTED VERTICALLY AVERAGED VELOCITY—
The length of the arrow is proportional to the
velocity; an arrow 0.5 inch long represents a
velocity of 30 feet per second; a velocity less
than 1 foot per second is represented by an
arrowhead without a shaft

•¹ LOCATION OF COMPUTED WATER-SURFACE ELEVATION
AND BACKWATER OR DRAWDOWN (See table 13)

MILE 12 + RIVER MILE

WEST PEARL RIVER
MAGNOLIA FOREST SUBDIVISION
Morgan Bluff
Davis Landing
NAPOLEON
RIVER GARDENS SUBDIVISION
MIDDLE RIVER
HANCOCK CO.
ST. TAMMANY PARISH
PEARL RIVER
Wastehouse Bayou
BM 24
MILITARY ROAD
Gum Bayou
SLIDELL
Crawford Landing
CROSS GATES SUBDIVISION
BM 17
MISSISSIPPI
LOUISIANA
WEST MIDDLE RIVER
MIDDLE RIVER
PEARL RIVER
LOGTOWN

Base from U.S. Geological Survey
1:24,000 quadrangles

10,000-foot grids based on Louisiana
coordinate system, south zone

SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 FEET
250 0 250 500 750 1000 1250 1500 METERS

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

COMPUTED WATER–SURFACE CONTOURS AND VELOCITY FIELD FOR ALTERNATIVE 3