# White River Navigation Project

**Legend**

- **Levee and Stationing**
  - Controlling Levees Incorporated into Federal Projects
  - Non-Controlling or abandoned levees
  - Private Levees
  - Levee Mile Post

- **Bank Protection**
  - Rock Groins
  - Dikes
  - Revetment

- **Rivers Mileage**
  - Distances above mouth, as measured in 1950, every five miles is labeled

- **Boundaries**
  - State
  - County
  - Political Subdivision
  - Engineer District

- **Structures**
  - Pumping Plant
  - Floodgate

- **Crossings**
  - Highway Bridge
  - Railroad Bridge
  - Aerial Power Line or Cable
  - Aerial Pipe Line
  - Sub Pipe Line or Cable
  - Ferry
  - Boat Landing

- **Roads**
  - Harsh surface, heavy duty
  - Hard surface, medium duty
  - Improved, light duty
  - Unimproved, dirt
  - Trail

**List of Maps**

<table>
<thead>
<tr>
<th>Name</th>
<th>Map No.</th>
<th>Name</th>
<th>Map No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batesville</td>
<td>1</td>
<td>Trimmie Island</td>
<td>17</td>
</tr>
<tr>
<td>Arkansas</td>
<td>2</td>
<td>Broom</td>
<td>18</td>
</tr>
<tr>
<td>Crow Island</td>
<td>3</td>
<td>De Valles Bluff</td>
<td>19</td>
</tr>
<tr>
<td>Oil Trough</td>
<td>4</td>
<td>Chardon</td>
<td>20</td>
</tr>
<tr>
<td>Newport</td>
<td>5</td>
<td>Aberdeen</td>
<td>21</td>
</tr>
<tr>
<td>Nuckolls</td>
<td>6</td>
<td>Noyars Reach</td>
<td>22</td>
</tr>
<tr>
<td>Old Grand Glaize</td>
<td>7</td>
<td>Cocks Lake</td>
<td>23</td>
</tr>
<tr>
<td>Bengal</td>
<td>8</td>
<td>Crockett's Bluff</td>
<td>24</td>
</tr>
<tr>
<td>Randall Place</td>
<td>9</td>
<td>St. Charles</td>
<td>25</td>
</tr>
<tr>
<td>Good Ferry</td>
<td>10</td>
<td>Indian Bay</td>
<td>26</td>
</tr>
<tr>
<td>Augusta</td>
<td>11</td>
<td>Loos Willeym Point</td>
<td>27</td>
</tr>
<tr>
<td>Clear Lake</td>
<td>12</td>
<td>Little Island Bayou</td>
<td>28</td>
</tr>
<tr>
<td>Georgetown</td>
<td>13</td>
<td>Missouri Point</td>
<td>29</td>
</tr>
<tr>
<td>Peck Orchard Bluff</td>
<td>14</td>
<td>Jacks Bay</td>
<td>30</td>
</tr>
<tr>
<td>Sard Hill</td>
<td>15</td>
<td>Arkansas Post Canal</td>
<td>31</td>
</tr>
<tr>
<td>Des Arc</td>
<td>16</td>
<td>Poverty Point</td>
<td>32</td>
</tr>
</tbody>
</table>

**Notes**

The White River rises in the Boston Mountains of northeastern Arkansas near Fayetteville and flows northeast and southeast through Missouri for about 100 miles recrossing into Arkansas at Boone County and flows thence in a northwesterly direction through Arkansas and enters the Mississippi River.

Head of navigation is at Branson, Missouri, 1.94 miles (old mileage) above mouth. The channel dimensions are not specified. Channel dimensions from the mouth to Arkansas Post Canal, Mile 9.6, are 9 feet deep and 100 feet wide. This reaches a part of the Arkansas River Navigation Project. The White River Navigation Project from Mile 0.8 to Newport, Arkansas, Mile 253, is under the U.S. Army Engineer District, Memphis. Projected dimensions for this reach are as follows: from Mile 9.6 to Augusta, Mile 250, channel width is 125 feet and 8 feet deep with Clarion gap reading of 17 feet deep and 5 feet deep at lower stages, and from Augusta, Mile 250 to Newport, Mile 253, channel width is 100 feet and 4.5 feet deep with Newport gap reading of 3.5 feet. Dimensions above Newport are not specified.

Distances on the White River above mouth are shown at 10-mile intervals on index maps and at 5-mile intervals on maps. (Distances in red determined from 1943-1956 aerial photographs and black determined from 1943 aerial photographs.)

Maps were compiled from the latest quadrangle maps of U.S. Geological Survey.

Profile of the White River from Batesville, Arkansas to the mouth and the Table of Distances are shown on Special Sheet A.

Authority to resurvey, duplication and maintenance of the 3 locks and dams in the vicinity of Batesville was granted by the Chief of Engineers in October 1951. In May 1962 lock and dam No. 1 was leased to the City of Batesville for recreation and public purposes. In April 1967 high water flooded the lock, and the lower gate was demolished. Replacement of this gate is not contemplated. On 30 June 1972 the lock gates at dams 2 and 3 were secured in a closed position and are now inoperative.

Elevations are expressed in feet and are referred to Mean Sea Level.

The Geodetic positions are referred to 1927 North American Datum, Polyconic Projection as indicated on each map.
BATESVILLE, ARKANSAS HIGHWAY BRIDGE
LOOKING UPSTREAM
WLE 295.7

(The doors must not be opened)
Vertical clearance above SH 41 5.5 ft. (closed position)
Horizontal clearance 125 ft.
NEWPORT, ARKANSAS HIGHWAY BRIDGE

LOOKING UPSTREAM

MILE 254.7

Vertical clearance above 244 ft. 11.7 ft.
Horizontal clearance 592 ft.
MISSOURI PACIFIC RAILROAD BRIDGE
NEWPORT, ARK.
LOOKING UPSTREAM
MILE 351.9
(Towers on released section)
Vertical clearance above 1445 H. W. 8 ft. (closed position)
H Horizontal clearance 121 ft.
MISSOURI PACIFIC RAILROAD BRIDGE
NEWPORT, ARK.
LOOKING UPSTREAM
MILE 25.13
(Open to navigation notice)
Vertical clearance above M.W. 8 ft. (closed position)
Horizontal clearance 121 ft.
ARKANSAS HIGHWAY NO. 67 BRIDGE

LOOKING UPSTREAM

MILE 230.3

Vertical Clearance Above 2% Flowline-42FT.
Horizontal Clearance-30FT.
AUGUSTA, ARKANSAS HIGHWAY BRIDGE
LOOKING UPSTREAM
MILE 201.6
Vertical clearance above SH 40 H. W. 41.0 F.L.
Horizontal clearance 105 F.L.

MISSOURI PACIFIC RAILROAD BRIDGE
AUGUSTA, ARK.
LOOKING UPSTREAM
MILE 206.3
15 Span 230 Ft. (Open or 250 Ft. closed)
10 Span 200 Ft. (Closed position)
Horizontal clearance 115 F.L.
DES ARC, ARKANSAS HIGHWAY BRIDGE

LOOKING UPSTREAM
MILE 143.3

Vertical clearance above 204 H. W. 33.9 ft.
Horizontal clearance 40 ft.
DE VALLS BLUFF, ARKANSAS HIGHWAY BRIDGE

LOOKING UPSTREAM

MILE 181.7

(Open on downstream end)

Vertical clearance above 1807 M. W. 6.0 ft. (closed position)

Vertical clearance above 1807 M. W. 40.7 ft. (open position)

Horizontal clearance 30 ft.
ARKANSAS INDUSTRIAL PIPELINE CORPORATION
AERIAL CROSSING
LOOKING UPSTREAM
MILE 7.1A
Vertical clearance above 1027 H.W. 10 FT.
Horizontal clearance 110 FT.
ST. CHARLES, ARKANSAS HIGHWAY BRIDGE
LOOKING UPSTREAM
MILE 54.7
Vertical Clearance Above 2% Flowline - 42FT.
Horizontal Clearance - 750FT.
MISSOURI PACIFIC RAILROAD BRIDGE
BENZAL, ARKANSAS
LOOKING UPSTREAM
MILE 7.5
(Damn on advanced notice)
Vertical clearance above 1137 H. W. 6.1 Ft. (closed position)
Horizontal clearance 166.5 Ft.