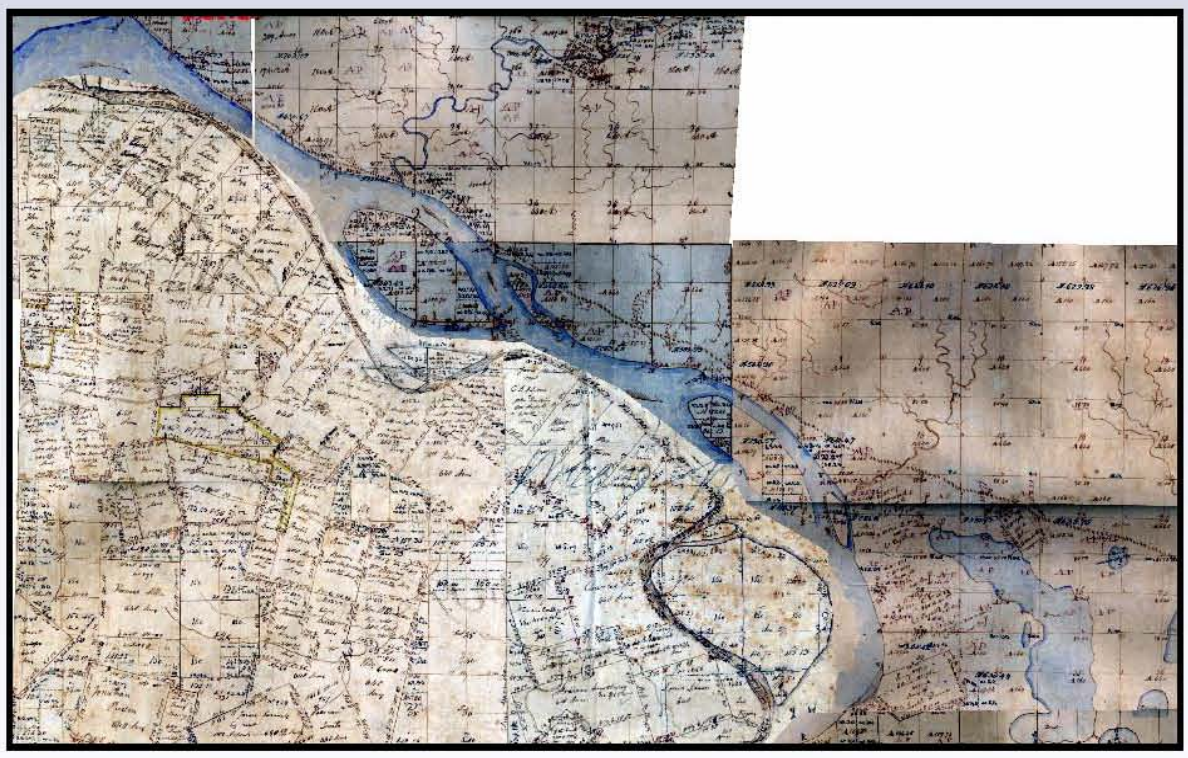
Geomorphology Study of the Middle Mississippi River

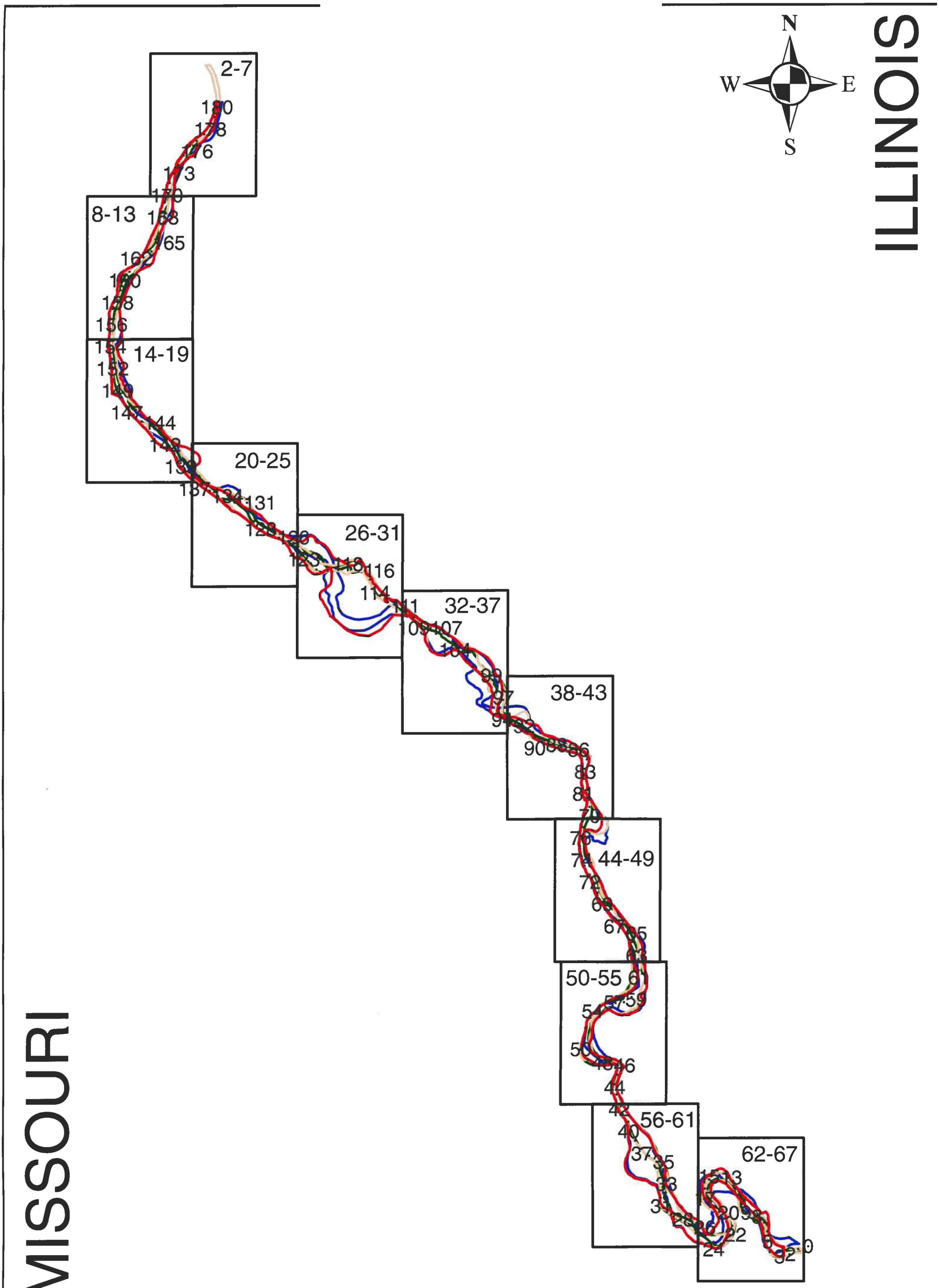
Appendix A



APPLIED RIVER ENGINEERING CENTER

December
2005

US Army Corps of Engineers
St. Louis District



2003
1928
1881
1866
1817

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Brauer
DRAWN BY: Edward J. Brauer
CHECKED BY: Robert D. Stavinoha

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

INDEX

RIVER MILES 180-0

PLATE NO. 1

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City

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W
E
S
Granite City

ILLINOIS

Madison
Venice
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Brooklyn
National City
Fairmont City
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St. Louis
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East St. Louis
Washington Park
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Centreville
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Alorton
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Cahokia
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Bella Villa
East Carondelet
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Lemay
171
Dupo
Mehlville
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MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 180-170

PLATE NO. 2

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City
St. Louis
Madison
Venice
Brooklyn
National City
Fairmont City
Madison
Granite City
East St. Louis
Washington Park
Sauget
Centreville
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Cahokia
Centreville
Mehlville
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Dupo
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MISSOURI
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170
R.7 E.
T. 1 N. R. 10 W. 3rd P.M.
R.10 W.

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 180-170

PLATE NO. 3

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City

N
W
E
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ILLINOIS

Madison
Venice
Fairmont City
Brooklyn
National City
Fairmont City
Madison
St. Louis
East St. Louis
Washington Park
Centreville
Sauget
Alorton
Centreville
Cahokia
East Carondelet
Lemay
Dupo
Mehlville

180
179
178
177
176
175
174
173
172
171
170

MISSOURI

Bella Villa

THE MISSISSIPPI RIVER

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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CHECKED BY: Robert D. Davinroy

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 180-170

PLATE NO. 4

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City

N
W
E
S

ILLINOIS

Granite City
Madison
Venice
Brooklyn
National City
St. Louis
East St. Louis
Sauget
Cahokia
East Carondelet
Lemay
Dupo
Mehlville

Fairmont City
Fairmont City
Madison
Washington Park
Centreville
Alorton
Centreville

180
179
178
177
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174
173
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170

MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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CHECKED BY: Robert D. Denney

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 180-170

PLATE NO. 5

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City

N
W
E
S
Granite City

ILLINOIS

Madison
Venice
Fairmont City
Brooklyn
National City
Fairmont City
Madison

St. Louis
East St. Louis
Washington Park
Centreville
Sauget
Alorton
Centreville
Cahokia
Dupo

MISSOURI

Bella Villa
Lemay
Mehlville

180
179
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173
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171
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East Carondelet

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 180-170

PLATE NO. 6

Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City
Pasadena Park
Jennings
Northwoods
Beverly Hills
Normandy
Pine Lawn
Uplands Park
Hillsdale
Pagedale
Wellston
University City
St. Louis
Madison
Venice
Brooklyn
National City
Madison
Fairmont City
Fairmont City
East St. Louis
Washington Park
Sauget
Centreville
Alorton
Centreville
Cahokia
Dupo
Lemay
Mehlville
East Carondelet
Granite City
N
S
E
W
ILLINOIS
MISSOURI
180
179
178
177
176
175
174
173
172
171
170

LEGEND

Levee
2003 Planform
Isolated, Deep Oxbow
Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 180-170

PLATE NO. 7

Sappington Sappington

Concord

Mehlville

Oakville

Columbia

Columbia

Arnold

Kimmswick

Imperial

Barnhart

Pevely

Valmeyer

ILLINOIS

MISSOURI

N

S

E

W

169

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167

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154

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 170-154

PLATE NO. 8

Sappington — Sappington

Concord

Mehlville

Oakville

Arnold

Kimmswick

Imperial

Barnhart

Pevely

Valmeyer

Columbia

Dupo

T. 43 N. R. 6 E. 5th P.M.

T. 42 N.

T. 2 S. T. 1 W. 3rd P.M.

T. 3 S.

T. 1 S.

N

S

E

W

ILLINOIS

MISSOURI

169

168

167

166

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2003

1928

1881

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1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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CHECKED BY: Robert D. Dawney

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 170-154

PLATE NO. 9

Sappington
Sappington
Concord
Mehlville
Arnold
Oakville
Columbia
Columbia
Kimmswick
Imperial
Barnhart
Pevely
Valmeyer
Dupo
ILLINOIS
MISSOURI
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157
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154
INDEX CHART.
INDEX CHART.

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 170-154

PLATE NO. 10

Sappington
Sappington
Concord
Mehlville
Dupo
Columbia
Oakville
Columbia
Arnold
Kimmswick
Imperial
Barnhart
Pevely
Valmeyer
MISSOURI
ILLINOIS
169
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155
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2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 170-154

PLATE NO. 11

Sappington Sappington

Concord

Mehlville

ILLINOIS

Dupo

Columbia

Oakville

Columbia

Arnold

Kimmswick

Imperial

Barnhart

MISSOURI

Pevely

Valmeyer

169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154

N W E S

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 170-154

PLATE NO. 12

Sappington
Sappington
Concord
Mehlville
ILLINOIS
Dupo
Columbia
Oakville
Columbia
Arnold
Kimmswick
Imperial
Barnhart
Pevely
Valmeyer
MISSOURI
N
W
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169
168
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LEGEND

- Levee
- 2003 Planform
- Isolated, Deep Oxbow
- Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 170-154

PLATE NO. 13

ILLINOIS

MISSOURI

N

W E

S

Valmeyer

Pevely

Herculaneum

Maeystown

Festus

Crystal City

154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 154-137

PLATE NO. 14

ILLINOIS

MISSOURI

N

W E

S

154

153

152

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142

141

140

139

138

Valmeyer

T. 3 S.

R 6 E.

Pevely

Herculaneum

Maeystown

Festus

Crystal City

T. 4 S. R. 12 W. 3rd P.M.

T. 40 N. R. 6 E. 5th P.M.

T. 39 N. R. 7 E. 5th P.M.

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 154-137

PLATE NO. 15

ILLINOIS

MISSOURI

N

W E

S

Valmeyer

Pevely

Herculaneum

Maeystown

Festus

Crystal City

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SURVEY OF THE MISSISSIPPI RIVER

MISSISSIPPI RIVER COMMISSION

CHART NO 113

THE MISSISSIPPI

MISSISSIPPI RIVER COMMISSION

CHART NO 112

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

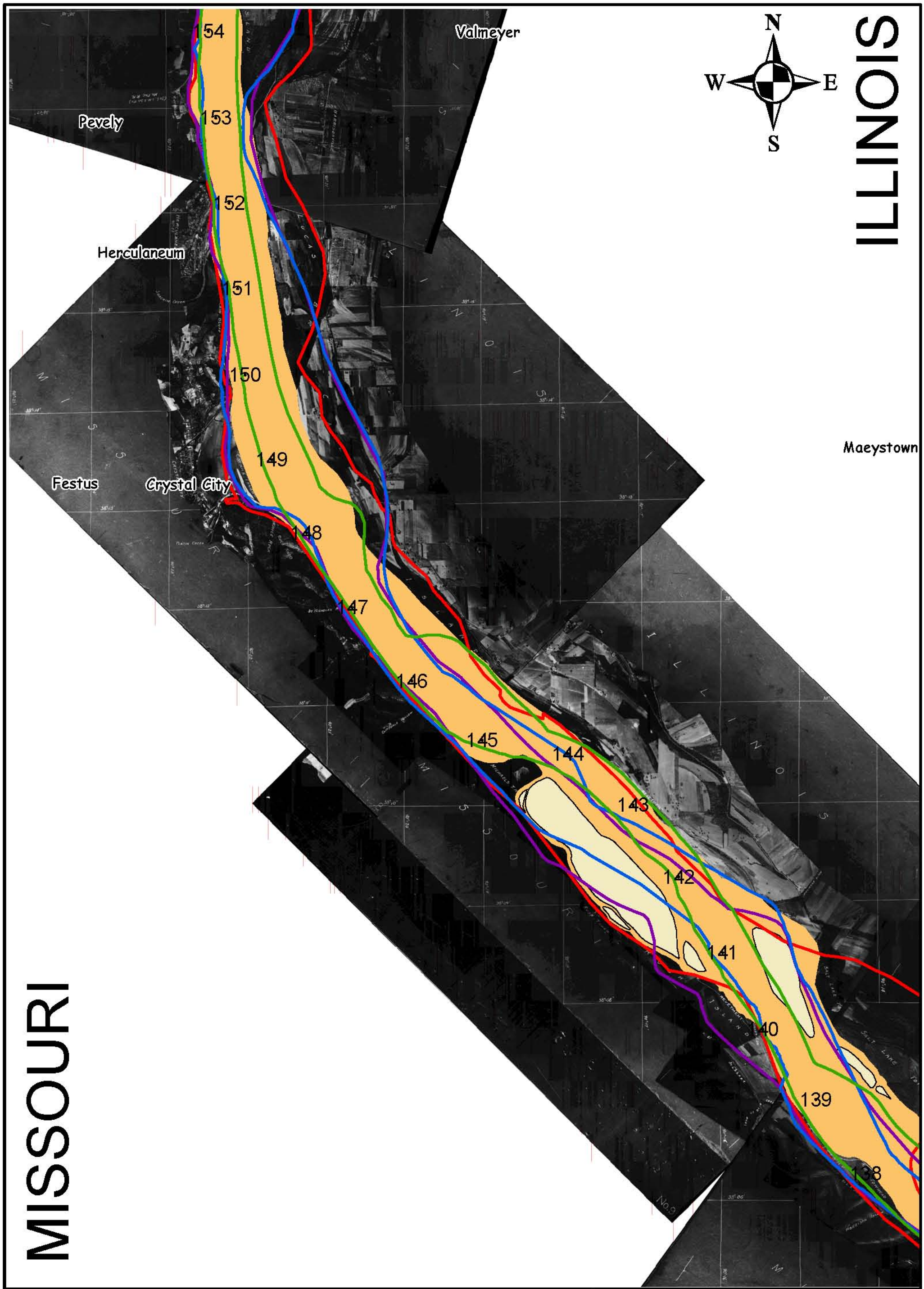
U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 154-137

PLATE NO. 16



2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 154-137

PLATE NO. 17

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 154-137

PLATE NO. 18

ILLINOIS

MISSOURI

N

W E

S

Valmeyer

Pevely

Herculaneum

Maeystown

Festus

Crystal City

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LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 154-137

PLATE NO. 19

ILLINOIS

N

W E

S

MISSOURI

Prairie du Rocher

Bloomsdale

Ste. Genevieve

Rocky Ridge

137 136 135 134 133 132 131 130 129 128 127 126 125 124

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Denney

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 137-124

PLATE NO. 20

ILLINOIS

MISSOURI

N

W E

S

137

136

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Prairie du Rocher

Bloomsdale

Rocky Ridge

Ste. Genevieve

T. 5 S. R. 11 W. 3rd P. M.

T. 5 S. R. 10 W. 3rd P. M.

T. 6 S. R. 10 W. 3rd P. M.

T. 38 N. R. 8 E. 5th P. M.

R. 8 E.

R. 9 E.

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 137-124

PLATE NO. 21

ILLINOIS

MISSOURI

N
W E
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137
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Prairie du Rocher

Bloomsdale

Ste. Genevieve

Rocky Ridge

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 137-124

PLATE NO. 22

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Prairie du Rocher

Bloomsdale

Ste. Genevieve

MISSOURI

Rocky Ridge

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawson

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

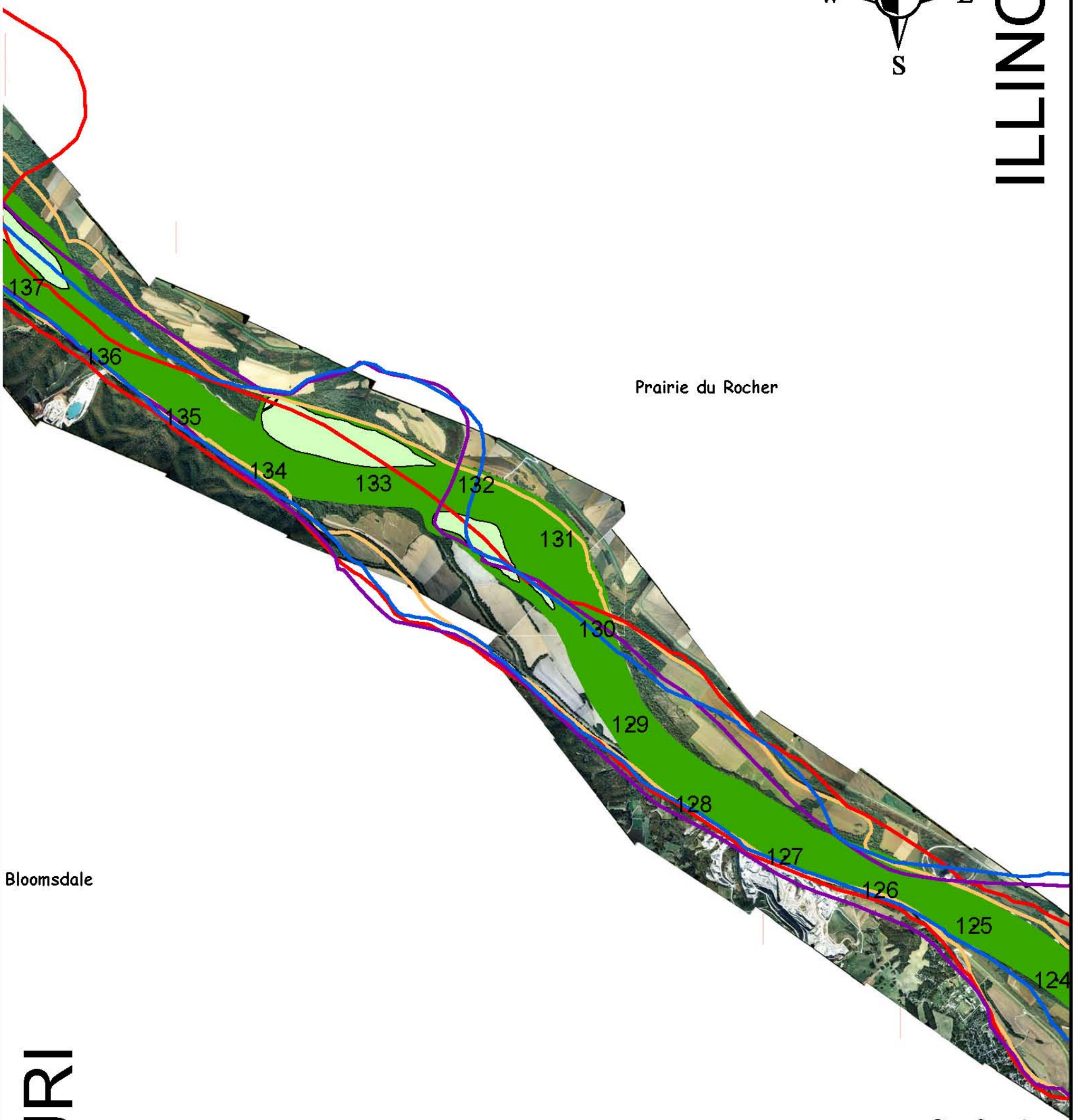
1928 Planform

RIVER MILES 137-124

PLATE NO. 23

ILLINOIS

N
W E
S



Prairie du Rocher

Bloomsdale

MISSOURI

Ste. Genevieve

Rocky Ridge

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

PREPARED BY: Edward J.Braun
DRAWN BY: Edward J.Braun
CHECKED BY: Robert D.Dawney

APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 137-124

PLATE NO. 24

N

W E

S

ILLINOIS

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Prairie du Rocher

Bloomsdale

Ste. Genevieve

MISSOURI

Rocky Ridge

LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J.Braun
DRAWN BY: Edward J.Braun
CHECKED BY: Robert D.Dawsey

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 137-124

PLATE NO. 25

N

W E

S

ILLINOIS

Ellis Grove

123

122

121

120

119

118

117

116

115

114

113

112

111

Kaskaskia

Chester

St. Mary

Lithium

MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J.Braun
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 124-110

PLATE NO. 26

ILLINOIS

N
W E
S

R.9 W.

Ellis Grove

123
122
121
120
119
118
117
116
115
114
113
112
111

Kaskaskia

R.8 W.

T. 7 S. R. 7 W. 3rd P.M.

Chester

T. 37 N. R. 9 E. 5th P.M.

St. Mary

T. 37 N.

T. 36 N. R. 10 E. 5th P.M.

Lithium

MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 124-110

PLATE NO. 27

ILLINOIS

N
W E
S

Ellis Grove

123
122
121
120
119
118
117
116
115
114
113
112
111

Kaskaskia

Chester

St. Mary

Lithium

INDEX CHART

MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 124-110

PLATE NO. 28

ILLINOIS

N
W E
S

Ellis Grove

123
122
121
120
119
118
117
116
115
114
113
112
111

Kaskaskia

Chester

St. Mary

MISSOURI

Lithium

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 124-110

PLATE NO. 29

N

W E

S

ILLINOIS

Ellis Grove

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116

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112

111

Kaskaskia

Chester

St. Mary

Lithium

MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 124-110

PLATE NO. 30

ILLINOIS

N
W E
S

Ellis Grove

123
122
121
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112
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Kaskaskia

Chester

St. Mary

Lithium

MISSOURI

LEGEND

- Levee
- 2003 Planform
- Isolated, Deep Oxbow
- Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 124-110

PLATE NO. 31

ILLINOIS

MISSOURI

N

W E

S

Chester

Perryville

Rockwood

110
109
108
107
106
105
104
103
102
101
100
99
98
97
96
95
94

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 110-94

PLATE NO. 32

N

W E

S

ILLINOIS

MISSOURI

Chester

Perryville

Rockwood

T. 7 S. R. 6 W. 3rd P. M.

T. 8 S. R. 5

T. 36 N. R. 11 E. 5th P. M.

R. 12 E.

T. 35 N. R. 12 E. 5th P. M.

110

109

108

107

106

105

104

103

102

101

100

99

98

97

96

95

94

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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1866 Planform

RIVER MILES 110-94

PLATE NO. 33

ILLINOIS

N
W E
S

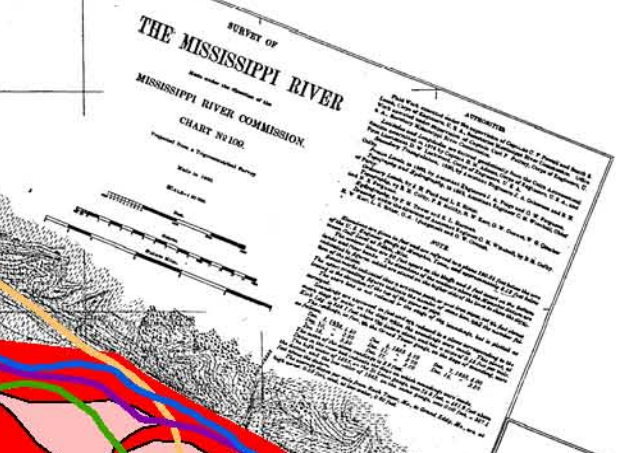
Chester

110
109
108
107
106
105
104
103
102
101
100
99
98
97
96
95
94

Rockwood

Perryville

MISSOURI



2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

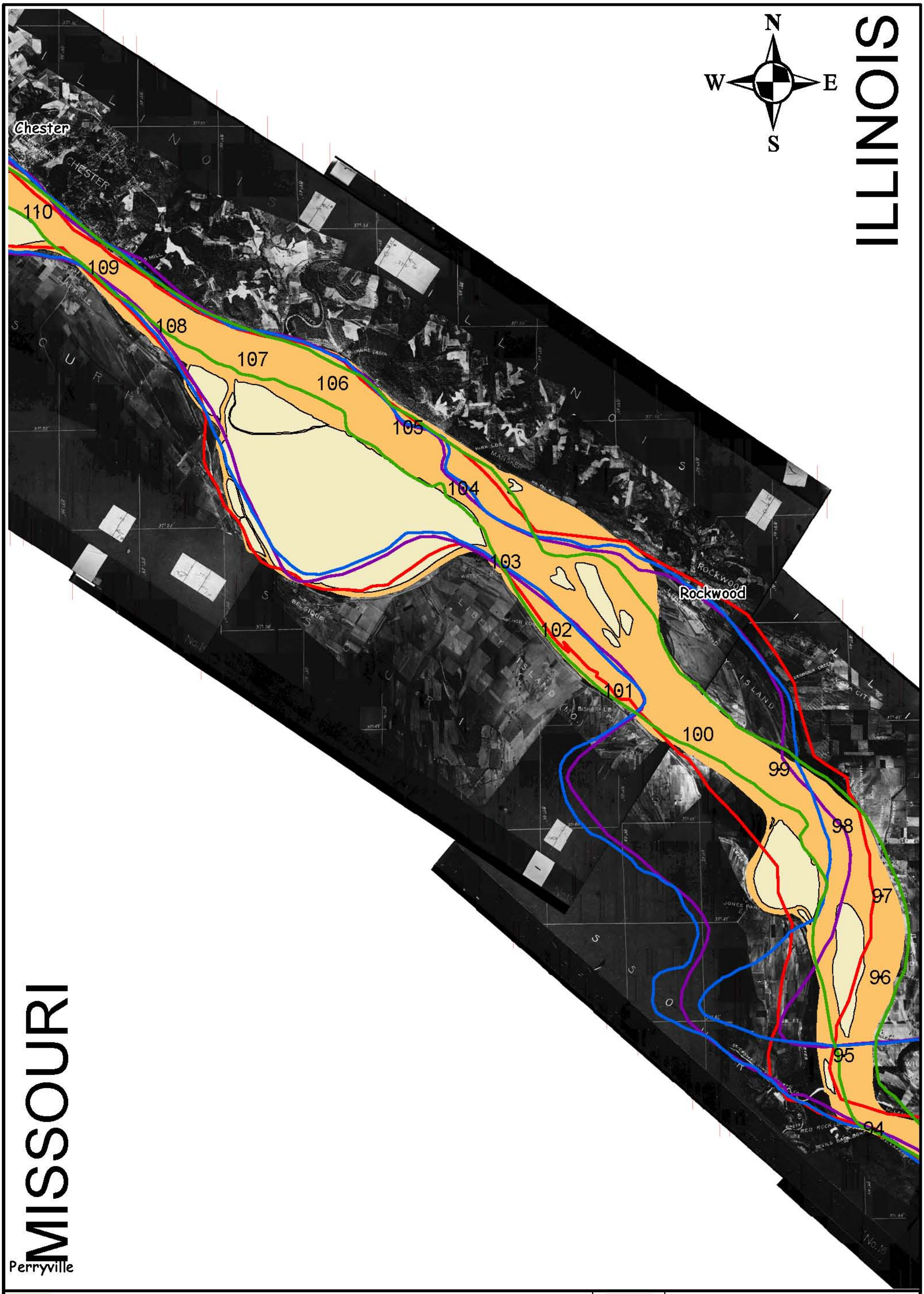
U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 110-94

PLATE NO. 34



U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 110-94

PLATE NO. 35

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W E

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ILLINOIS

Chester

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103

Rockwood

102

101

100

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98

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96

95

94

MISSOURI

Perryville

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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2003 Planform

RIVER MILES 110-94

PLATE NO. 36

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W E

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ILLINOIS

Chester

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104

103

Rockwood

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MISSOURI

Perryville

LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 110-94

PLATE NO. 37

ILLINOIS

N

W E

S

93

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85

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83

82

81

80

79

78

Gorham

MISSOURI

Frohna

Altenburg

Grand Tower

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 94-78

PLATE NO. 38

ILLINOIS

MISSOURI

N

W E

S

T. 9 S.

T. 34 N. R. 5 E. 5th P. M.

T. 4 S. R. 4 W. 3rd P. M.

T. 10 S.

T. 34 N.

R. 13 E.

Gorham

Frohna

Altenburg

Grand Tower

93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 94-78

PLATE NO. 39

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ILLINOIS

MISSOURI

SURVEY OF
THE MISSISSIPPI RIVER
MISSISSIPPI RIVER COMMISSION.
CHART NO 108.

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Gorham

Frohna

Altenburg

Grand Tower

BIG LANE

LITTLE LANE

MOUNTAIN BLUFF

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 94-78

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Gorham

Frohna

Altenburg

Grand Tower

DEGOGNIA LEVEE

ISLAND

SEVENTY-SIX

NEUNERT

AND

FOUNTAIN BLUFF

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 94-78

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Gorham

Frohna

Altenburg

Grand Tower

MISSOURI

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 94-78

PLATE NO. 42

N

W E

S

ILLINOIS

MISSOURI

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79

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Gorham

Frohna

Altenburg

Grand Tower

LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 94-78

PLATE NO. 43

ILLINOIS

MISSOURI

N

W E

S

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2003
1928
1881
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1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 78-62

PLATE NO. 44

ILLINOIS

MISSOURI

N
W
E
S

78
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68
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64
63
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R.2 E.
T.11 S.
T. 33 N.
R.3 E.
T.32 N. R.14 E. 5th P.M.

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 78-62

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MISSOURI

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SURVEY OF

THE MISSISSIPPI RIVER

MISSISSIPPI RIVER COMMISSION.

CHART № 100.

INDEX CHART.

INDEX CHART.

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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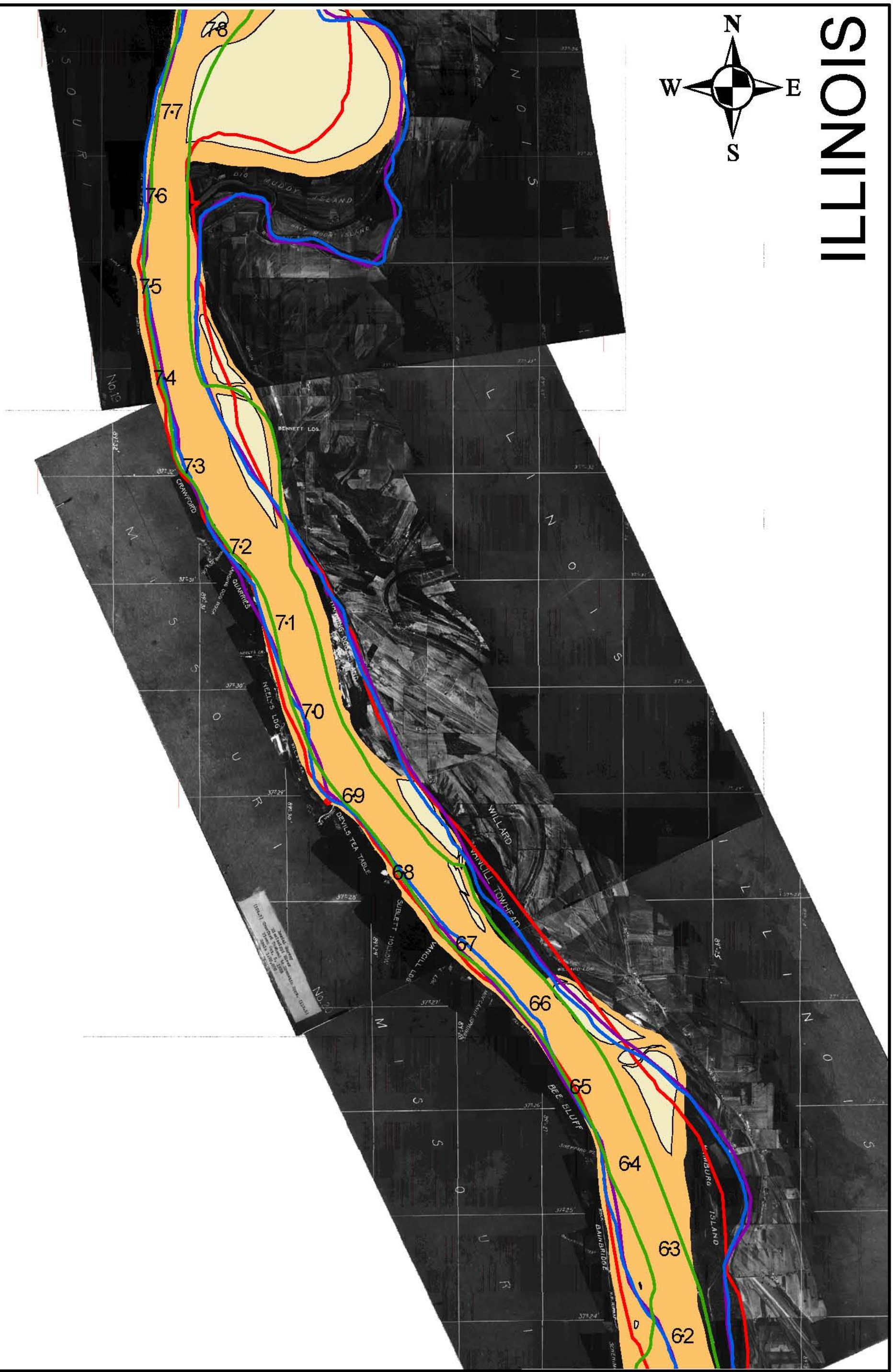
GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 78-62

PLATE NO. 46



2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 78-62

PLATE NO. 47

ILLINOIS

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W E
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MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

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2003 Planform

RIVER MILES 78-62

PLATE NO. 48

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ILLINOIS

MISSOURI

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LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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BLUEPRINT FOR RESTORATION

RIVER MILES 78-62

PLATE NO. 49

ILLINOIS

MISSOURI

N

W E

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62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42

Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

Kelso

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 62-42

PLATE NO. 50

ILLINOIS

MISSOURI

N

W

E

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T.31 N.

T. 14 S.

R. 14 E.

Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

T. 15 S. R. 3 E. 3rd P. M.

Kelso

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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ST. LOUIS, MISSOURI

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1866 Planform

RIVER MILES 62-42

PLATE NO. 51

ILLINOIS

MISSOURI

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Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

Kelso

THE MISSISSIPPI RIVER

SURVEY OF THE MISSISSIPPI RIVER

MISSISSIPPI RIVER COMMISSION.

CHART NO 104.

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1881
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1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
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CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 62-42

PLATE NO. 52

ILLINOIS

MISSOURI

N

W

E

S

62

61

60

59

58

57

56

55

54

53

52

51

50

49

48

47

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45

44

43

42

Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

Kelso

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawsey

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 62-42

PLATE NO. 53

ILLINOIS

MISSOURI

N
W
E
S

62
61
60
59
58
57
56
55
54
53
52
51
50
49
48
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44
43
42

Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

Kelso

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
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APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 62-42

PLATE NO. 54

ILLINOIS

MISSOURI

N
W
E
S

62
61
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45
44
43
42

Cape Girardeau

East Cape Girardeau

Scott City

Cape Girardeau

Scott City

Thebes

Kelso

LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawsey

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 62-42

PLATE NO. 55

ILLINOIS

N

W E

S

Thebes

Commerce

42

41

40

39

38

37

36

35

34

33

32

31

30

29

28

27

MISSOURI

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 42-26

PLATE NO. 56

ILLINOIS

N

W E

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Thebes

42

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Commerce

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MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 42-26

PLATE NO. 57

ILLINOIS

MISSOURI

N

W E

S

Thebes

Commerce

42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27

STRETCH OF
THE MISSISSIPPI RIVER
MISSISSIPPI RIVER COMMISSION
CHART NO. 105

INDEX CHART

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 42-26

PLATE NO. 58

ILLINOIS

MISSOURI

N

W E

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42 Thebes

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Commerce

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MISSISSIPPI RIVER

COMMERCE ISLAND

POWERS ISLAND

ANITA TOWHEAD ISLAND

GRIFFITH ISLAND

BUFFALO ISLAND

FAYVILLE

PRICE LOG

HACKER

No. 25

No. 26

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Denney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 42-26

PLATE NO. 59

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

PREPARED BY: Edward J.Braun
DRAWN BY: Edward J.Braun
CHECKED BY: Robert D.Dawsey

APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

2003 Planform

RIVER MILES 42-26

PLATE NO. 60

ILLINOIS

N
W E
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42 Thebes
41
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Commerce
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28
27

MISSOURI

LEGEND

- Levee
- 2003 Planform
- Isolated, Deep Oxbow
- Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 42-26

PLATE NO. 61

ILLINOIS

MISSOURI

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W

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Cairo

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18

19

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21

22

23

24

25

26

2003

1928

1881

1866

1817

0 5,280 10,560 21,120 Feet

SOURCE: 1817-1820 Government Land Office Surveys

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1817 Planform

RIVER MILES 26-0

PLATE NO. 62

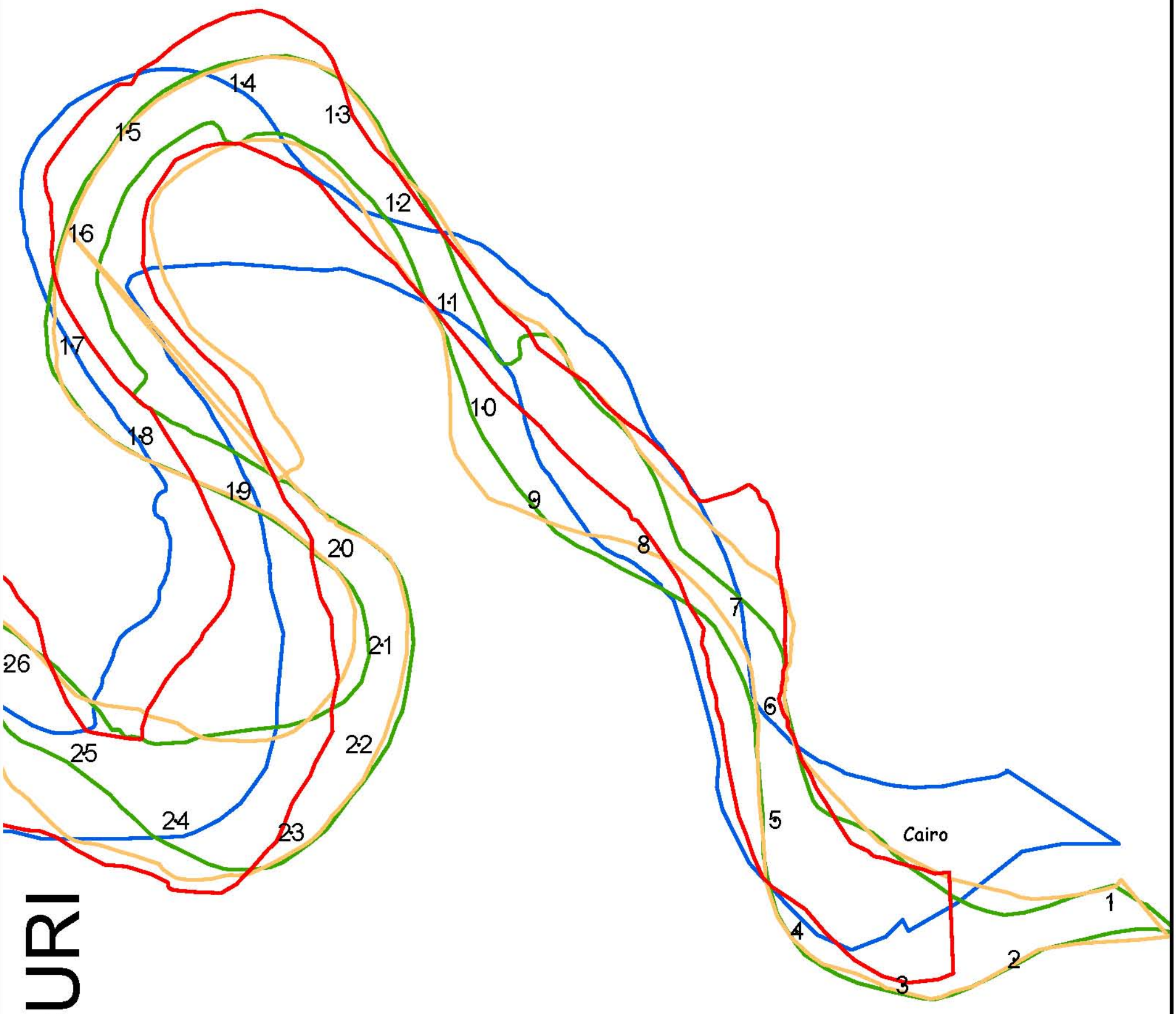
N

W E

S

ILLINOIS

MISSOURI



2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Warren, Bvt. Major General G. K.

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J.Braun
DRAWN BY: Edward J.Braun
CHECKED BY: Robert D.Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1866 Planform

RIVER MILES 26-0

PLATE NO. 63

ILLINOIS

MISSOURI

N

W E

S

SURVEY OF
THE MISSISSIPPI RIVER
MISSISSIPPI RIVER COMMISSION
CHART Nº 101

INDEX CHART

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

Cairo

BIG LAKE

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Mississippi River Commission, 1880-1882, 1884, 1888, 1889, 1891-1899

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Dawney

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1881 Planform

RIVER MILES 26-0

PLATE NO. 64

N

W E

S

ILLINOIS

MISSOURI

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

Cairo

OHIO RIVER

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs
Flown 5 OCT 1928

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

PREPARED BY: Edward J. Braun
DRAWN BY: Edward J. Braun
CHECKED BY: Robert D. Davinroy

APPLIED RIVER ENGINEERING CENTER

GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

1928 Planform

RIVER MILES 26-0

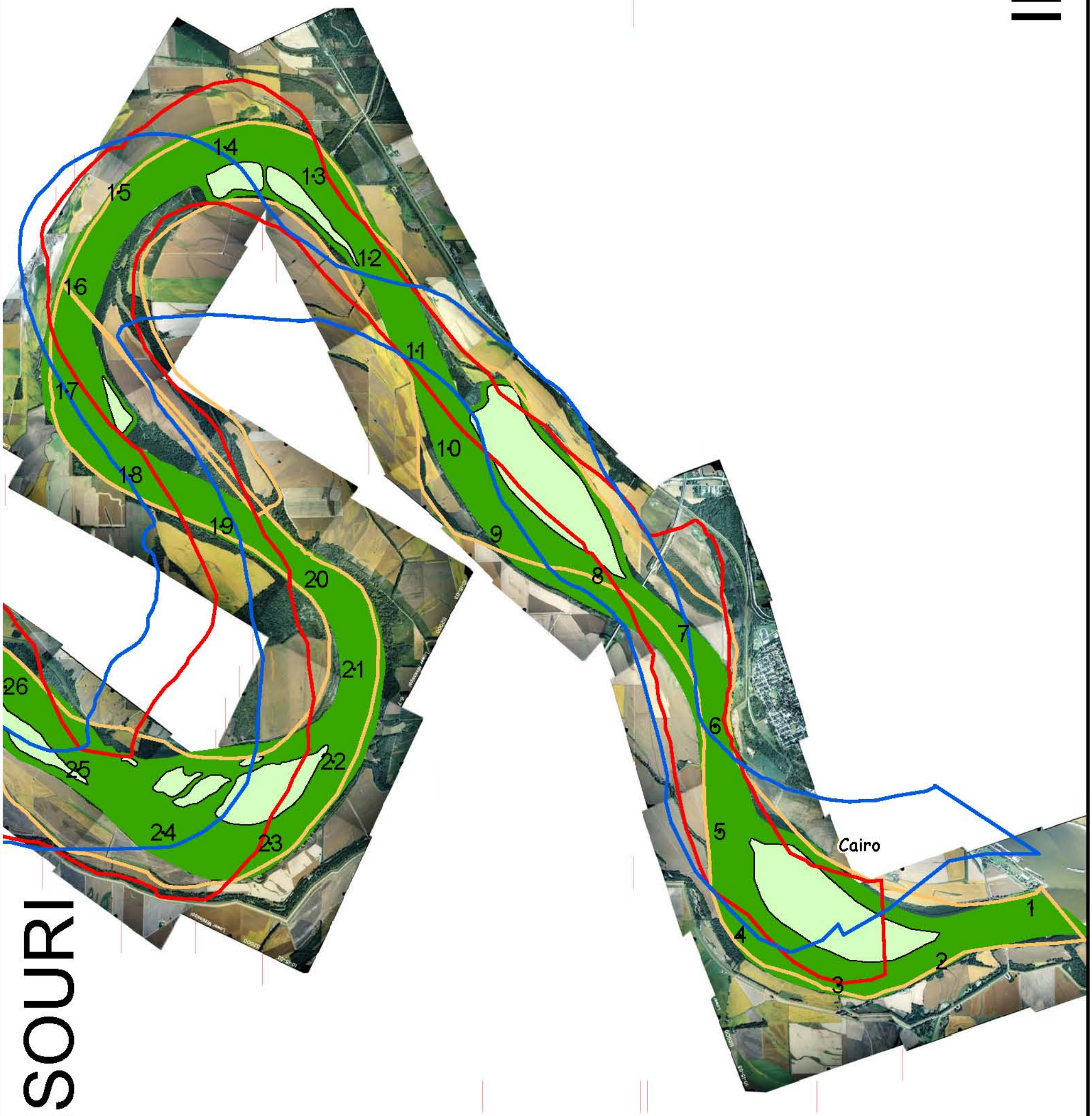
PLATE NO. 65

N

W E

S

ILLINOIS



MISSOURI

2003
1928
1881
1866
1817

0 5,280 10,560 21,120 Feet

SOURCE: Aerial Photographs

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
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2003 Planform

RIVER MILES 26-0

PLATE NO. 66

N

W E

S

ILLINOIS

MISSOURI

Cairo

LEGEND

Levee

2003 Planform

Isolated, Deep Oxbow

Side Channel, Sloughs or Backwater

0 5,280 10,560 21,120 Feet

U.S. ARMY ENGINEER DISTRICT, ST. LOUIS
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

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GEOMORPHOLOGY OF THE MIDDLE MISSISSIPPI RIVER FROM ST. LOUIS, MO TO CAIRO, IL

BLUEPRINT FOR RESTORATION

RIVER MILES 26-0

PLATE NO. 67

morphology Appendix_A