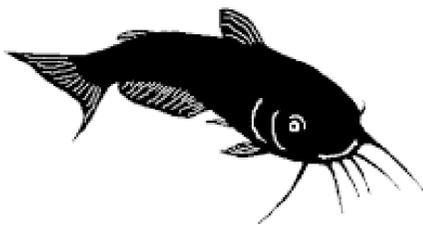
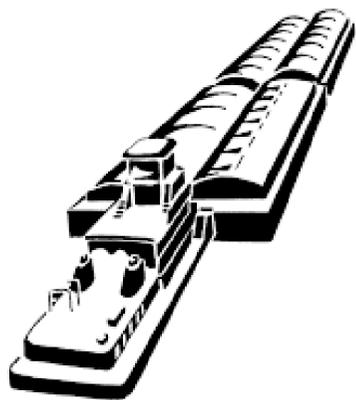


Interim Report For The Upper Mississippi River - Illinois Waterway System Navigation Study



Identification of Potential Commercial Navigation Related Bank Erosion Sites

Appendix C

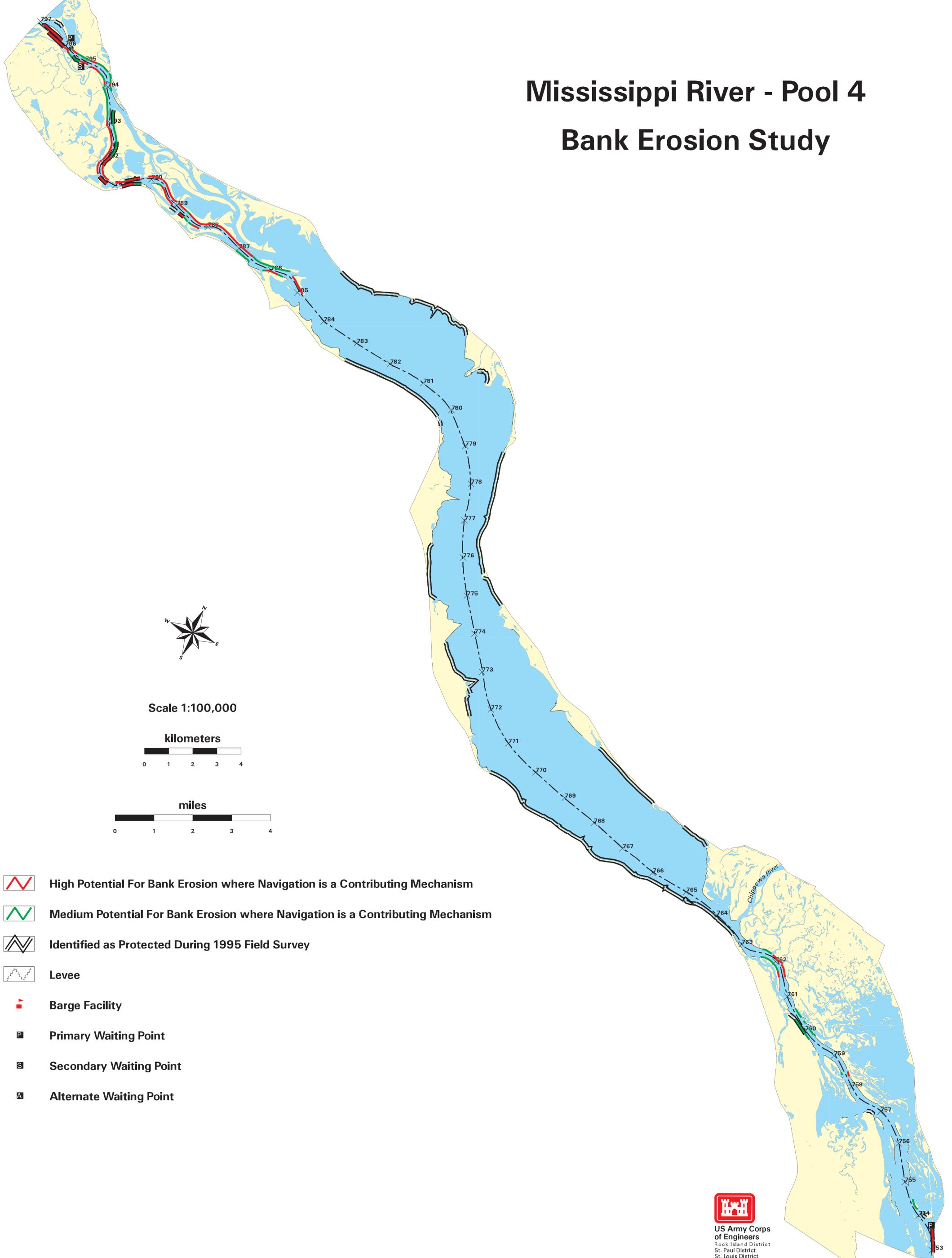


**US Army Corps
of Engineers**

May 1998

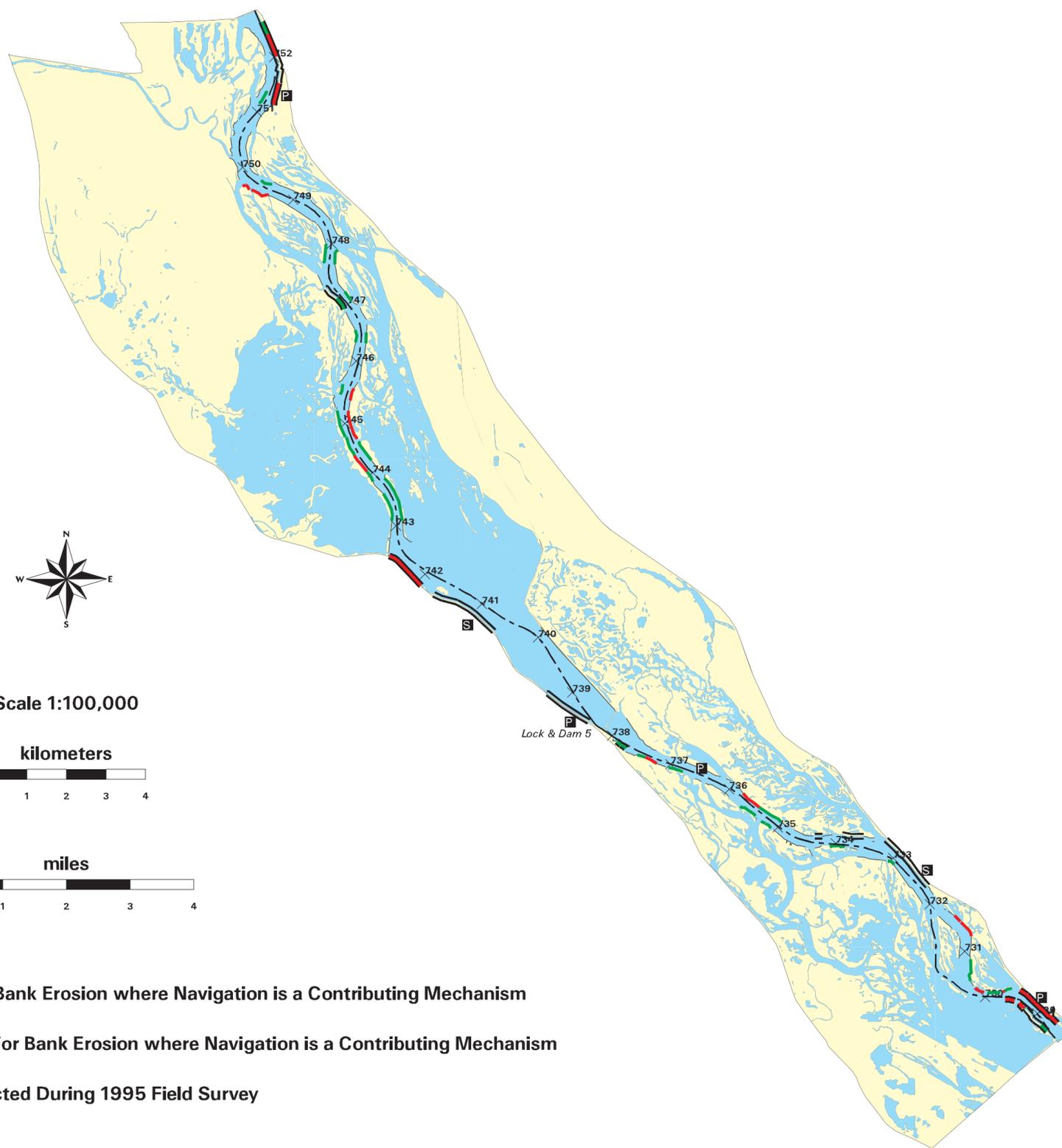
St. Paul District
Rock Island District
St. Louis District

Mississippi River - Pool 4 Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

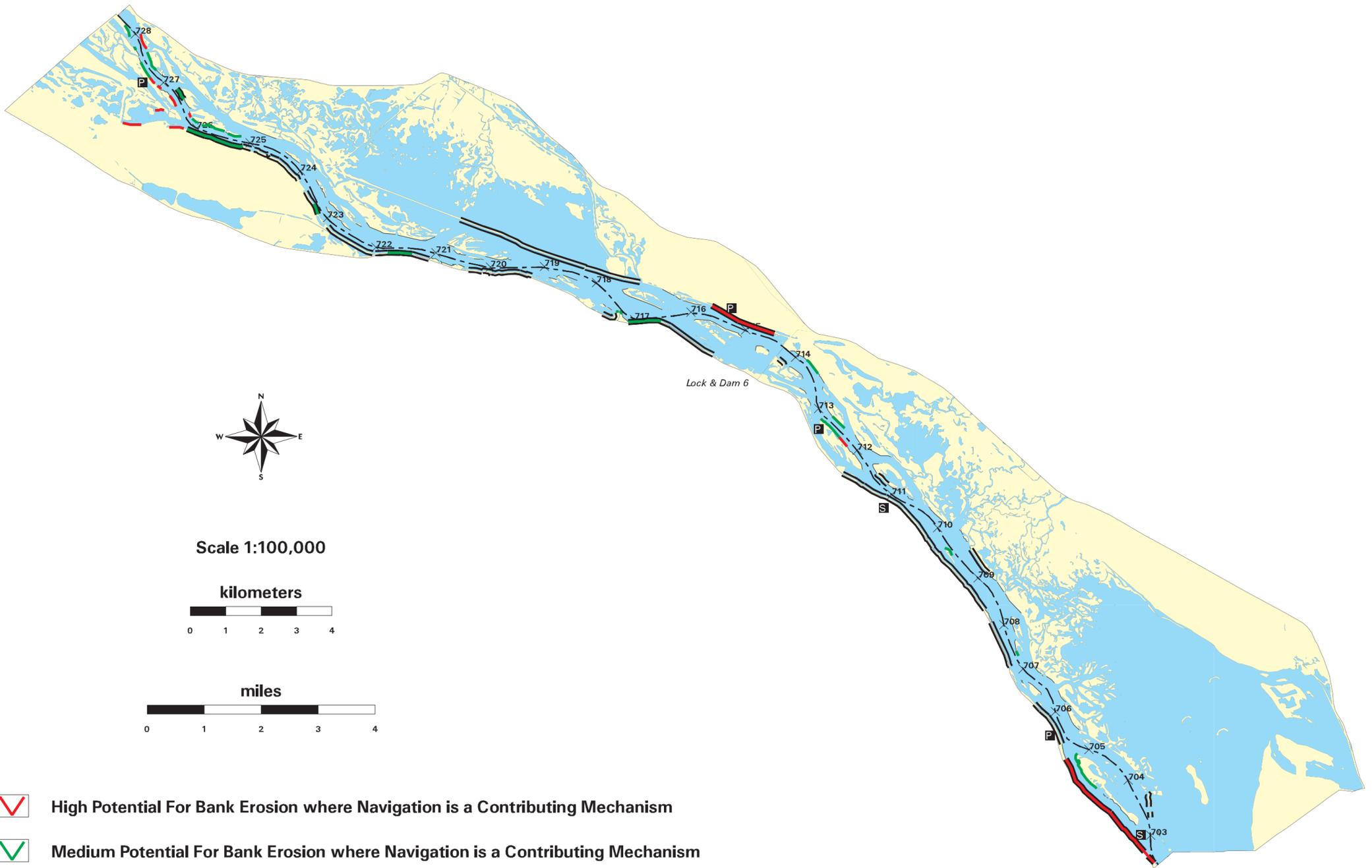
Mississippi River - Pools 5 and 5a Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pools 6 and 7

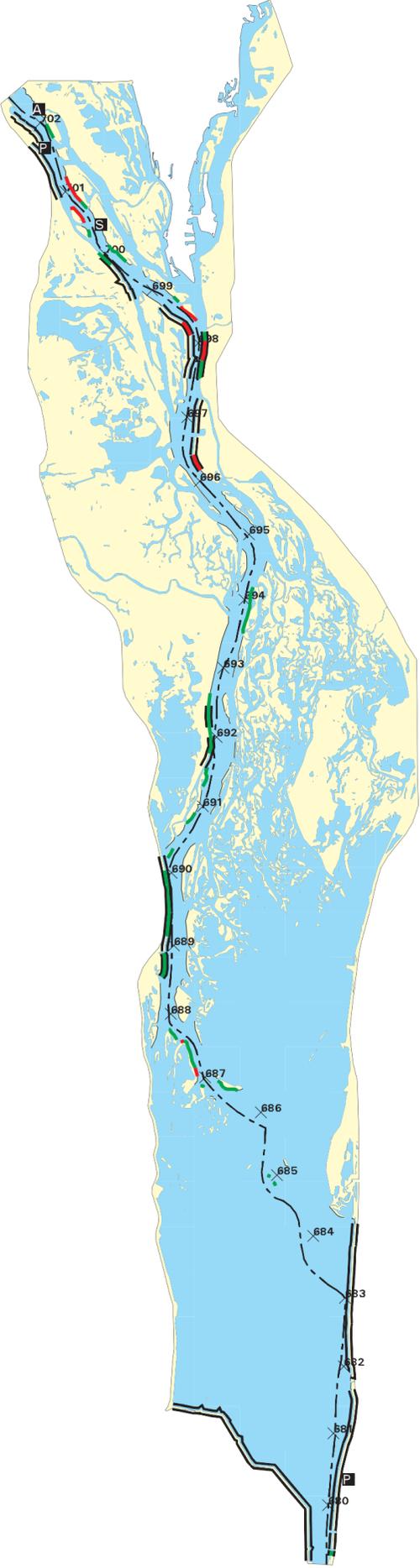
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 8

Bank Erosion Study



Scale 1:100,000

kilometers



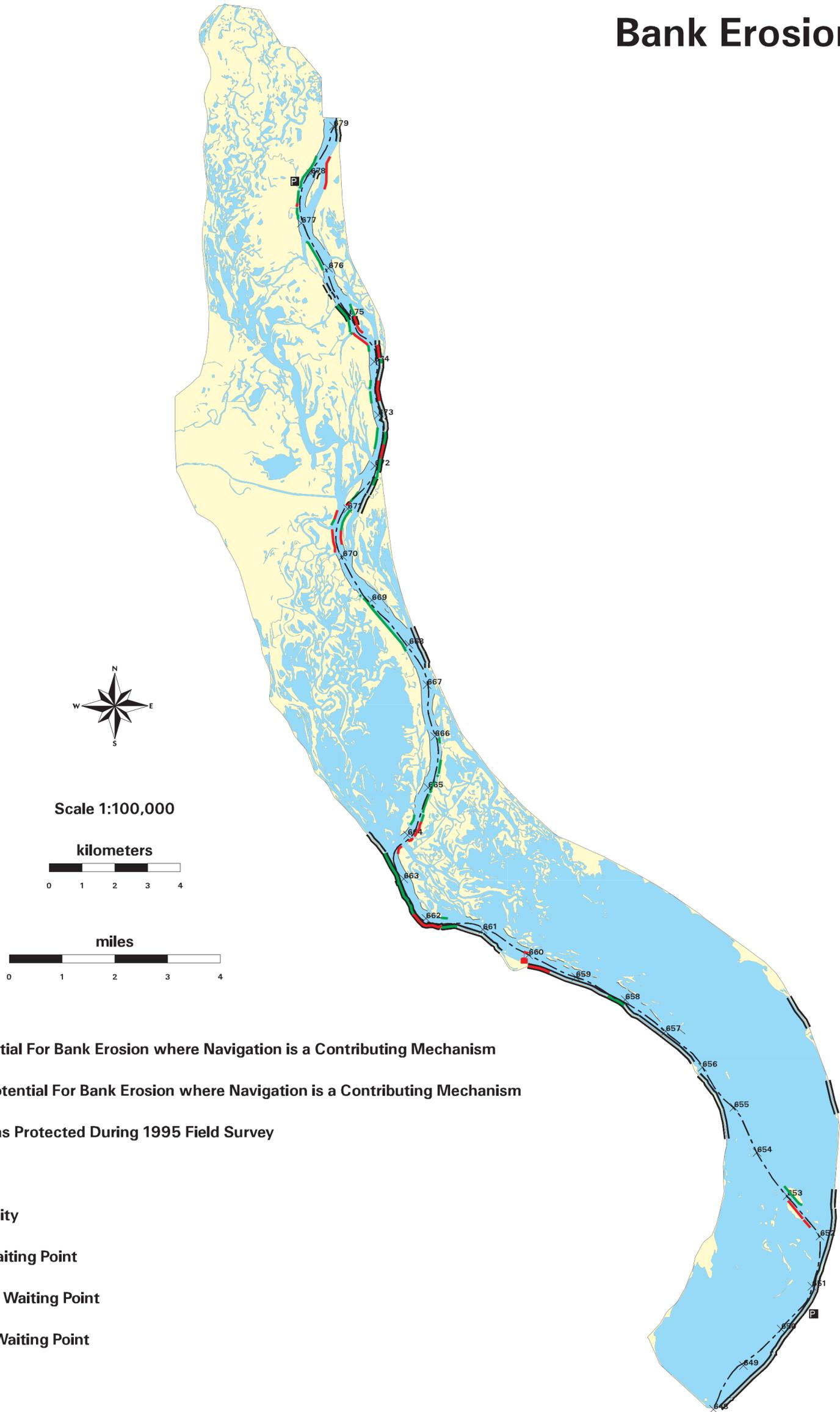
miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 9

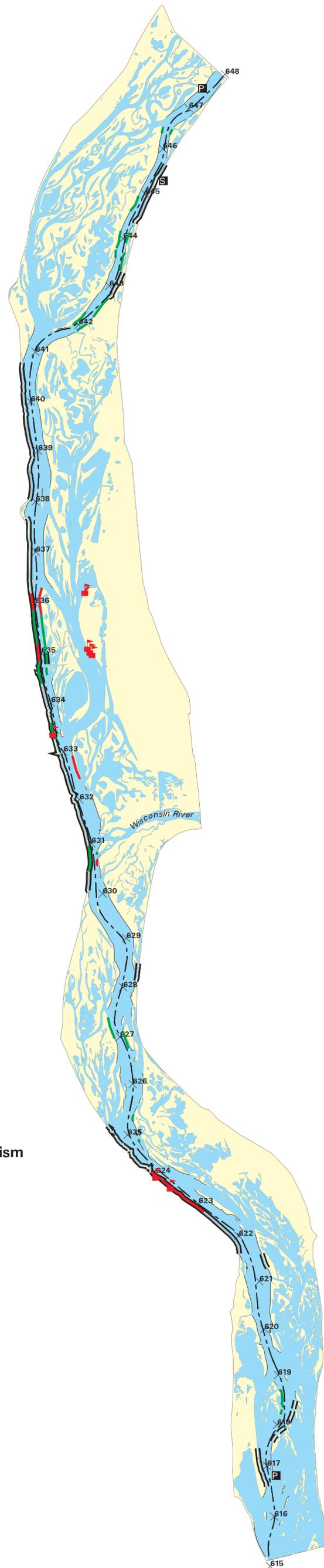
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 10

Bank Erosion Study



Scale 1:100,000

kilometers



miles

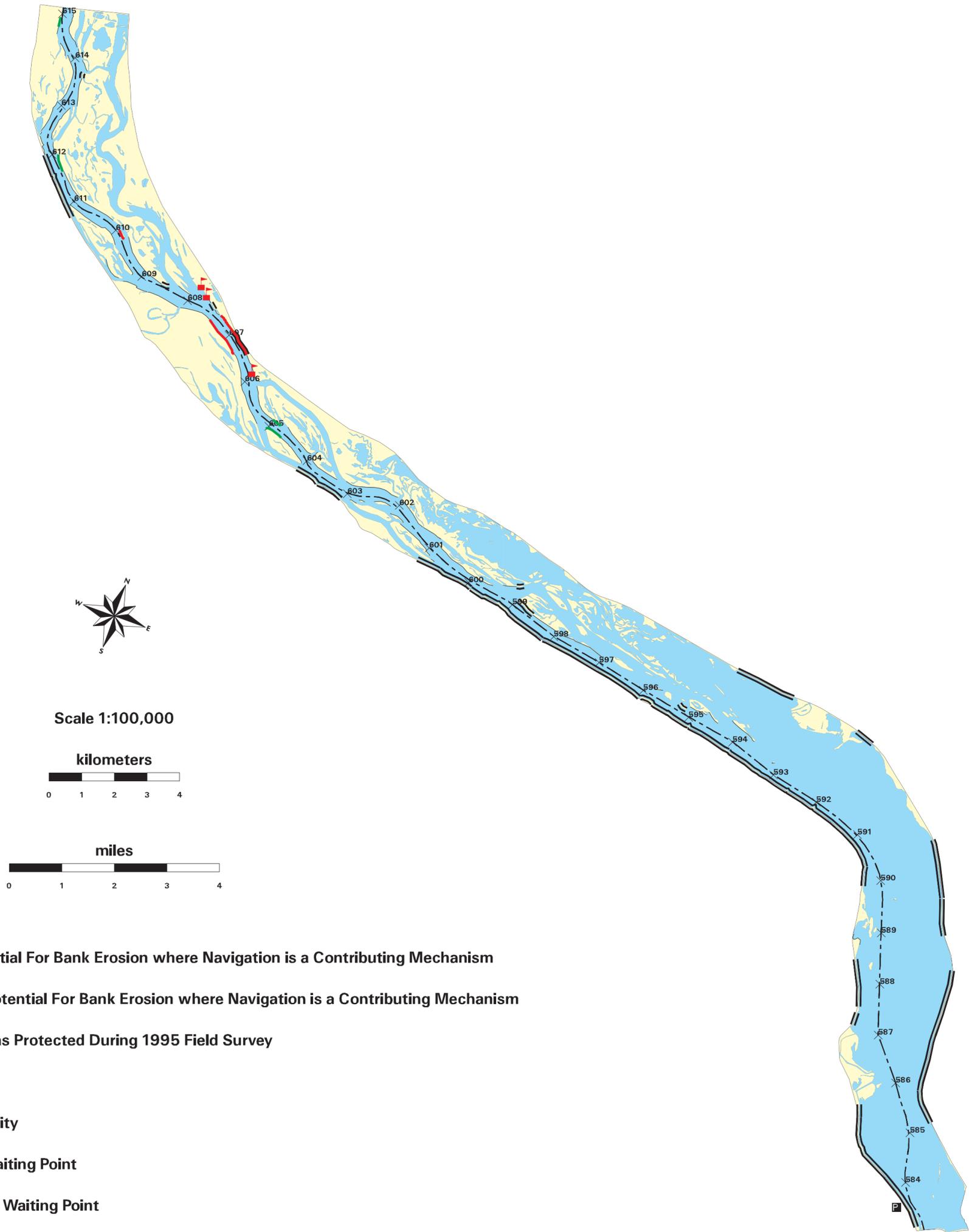


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Mississippi River - Pool 11

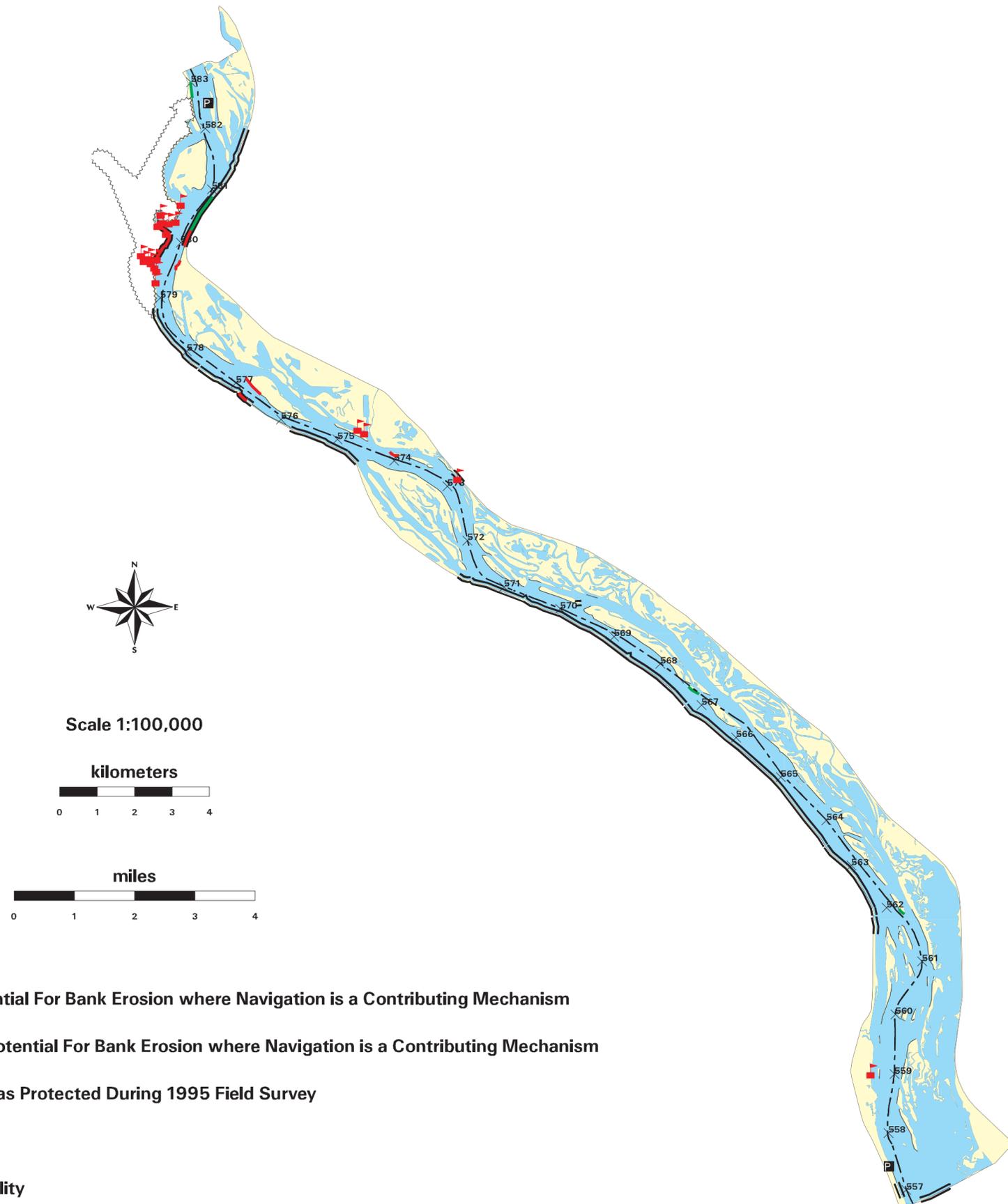
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 12

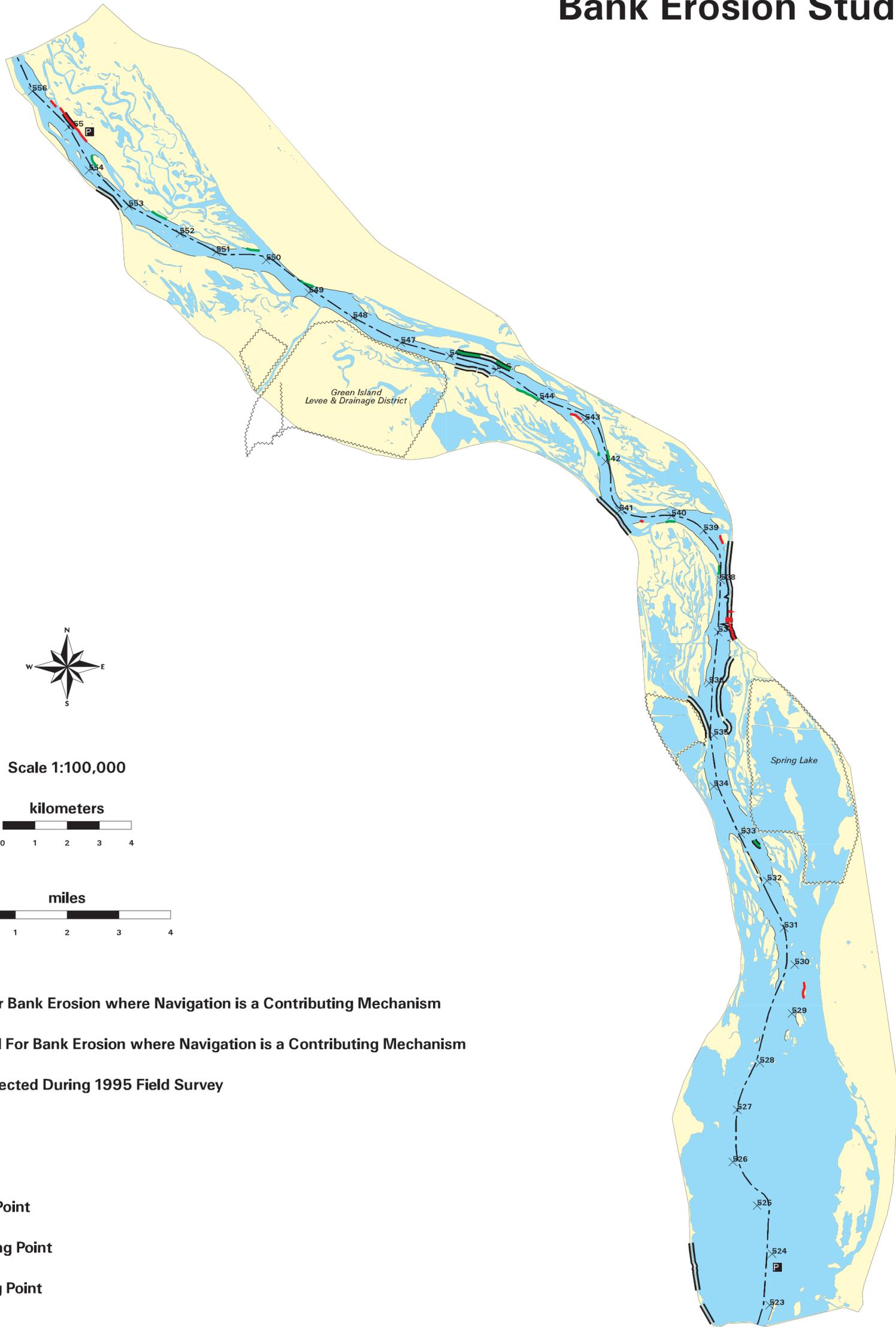
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

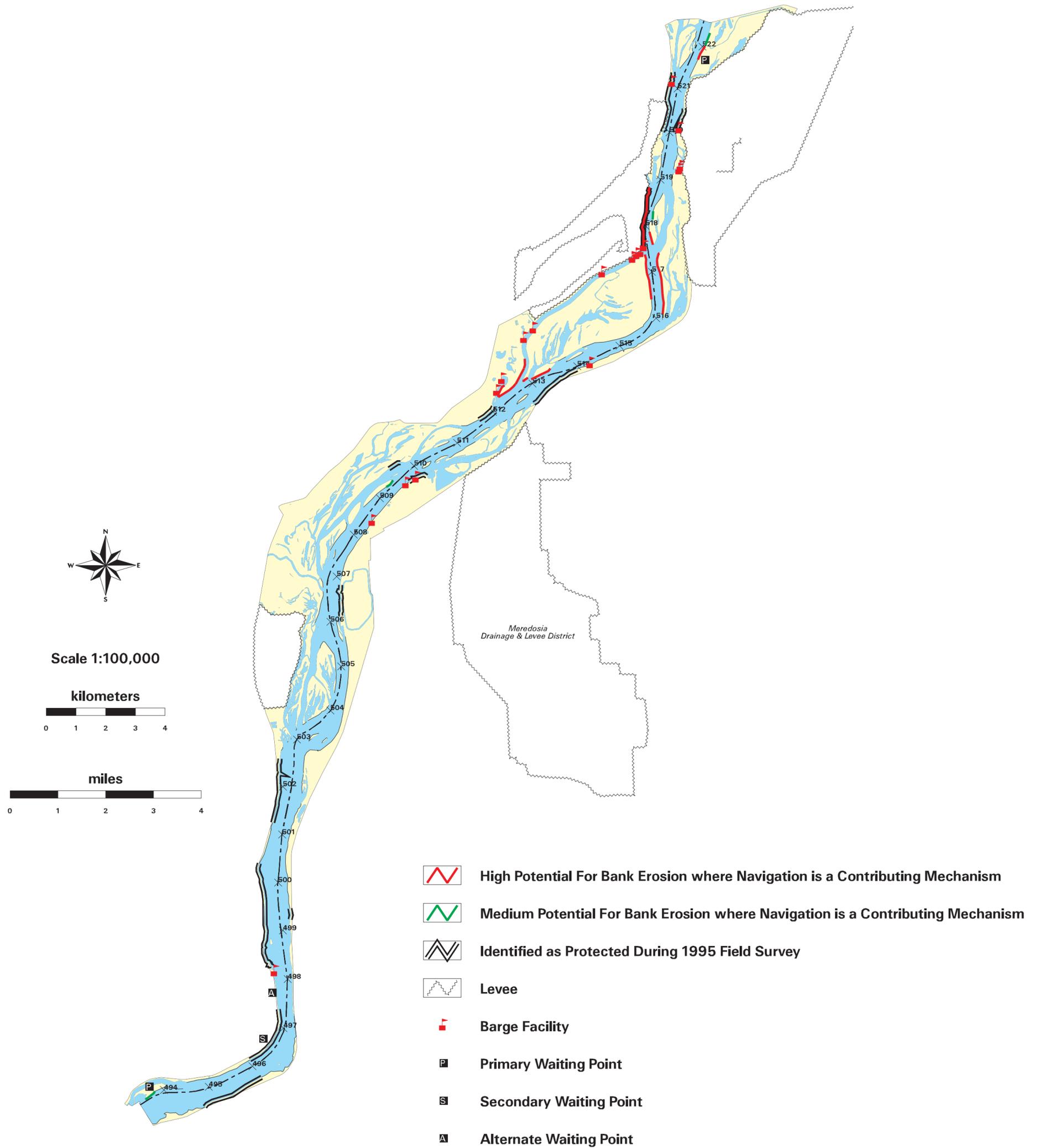
Mississippi River - Pool 13

Bank Erosion Study



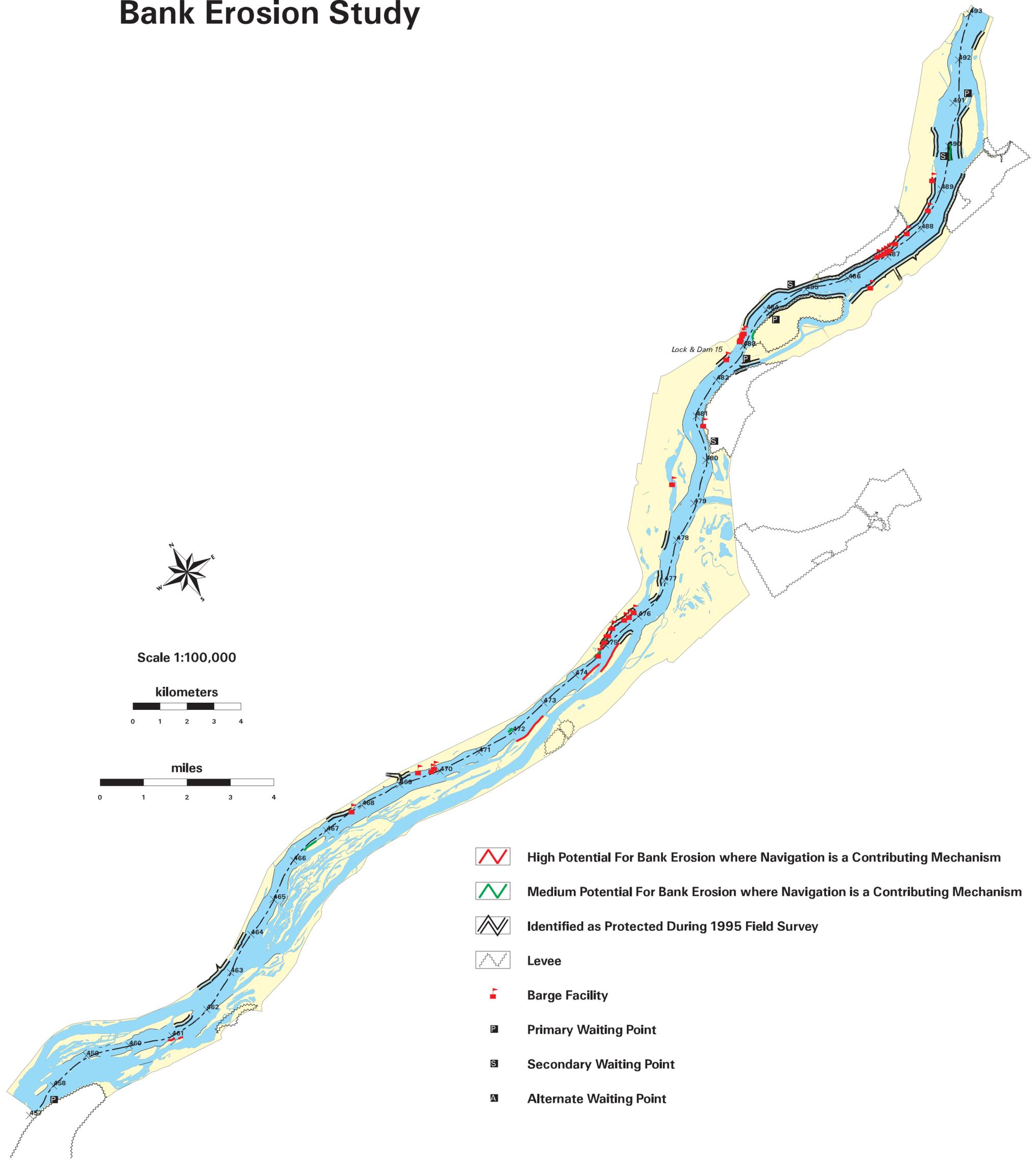
Mississippi River - Pool 14

Bank Erosion Study



Mississippi River - Pools 15 and 16

Bank Erosion Study



Scale 1:100,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 17

Bank Erosion Study

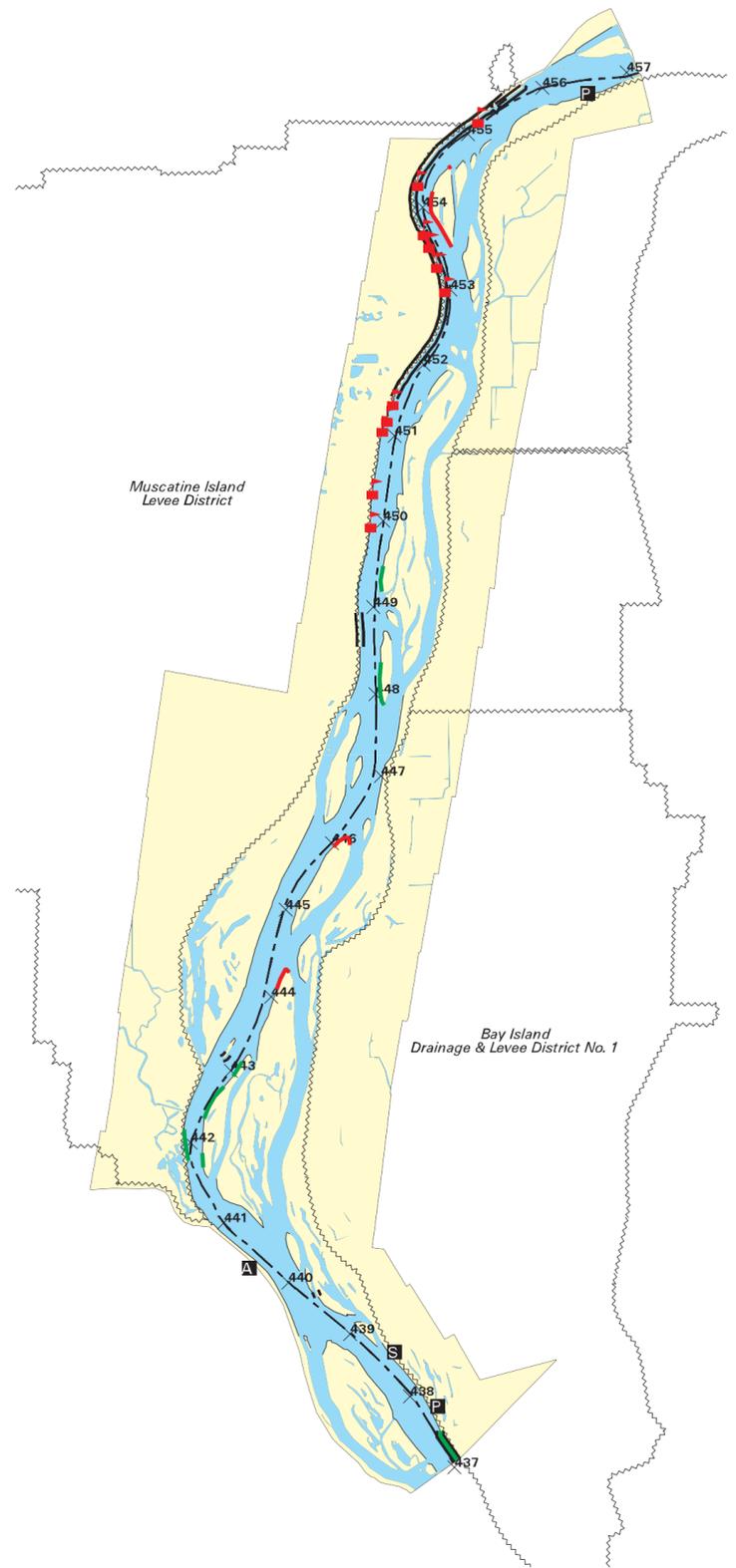


Scale 1:100,000

kilometers



miles

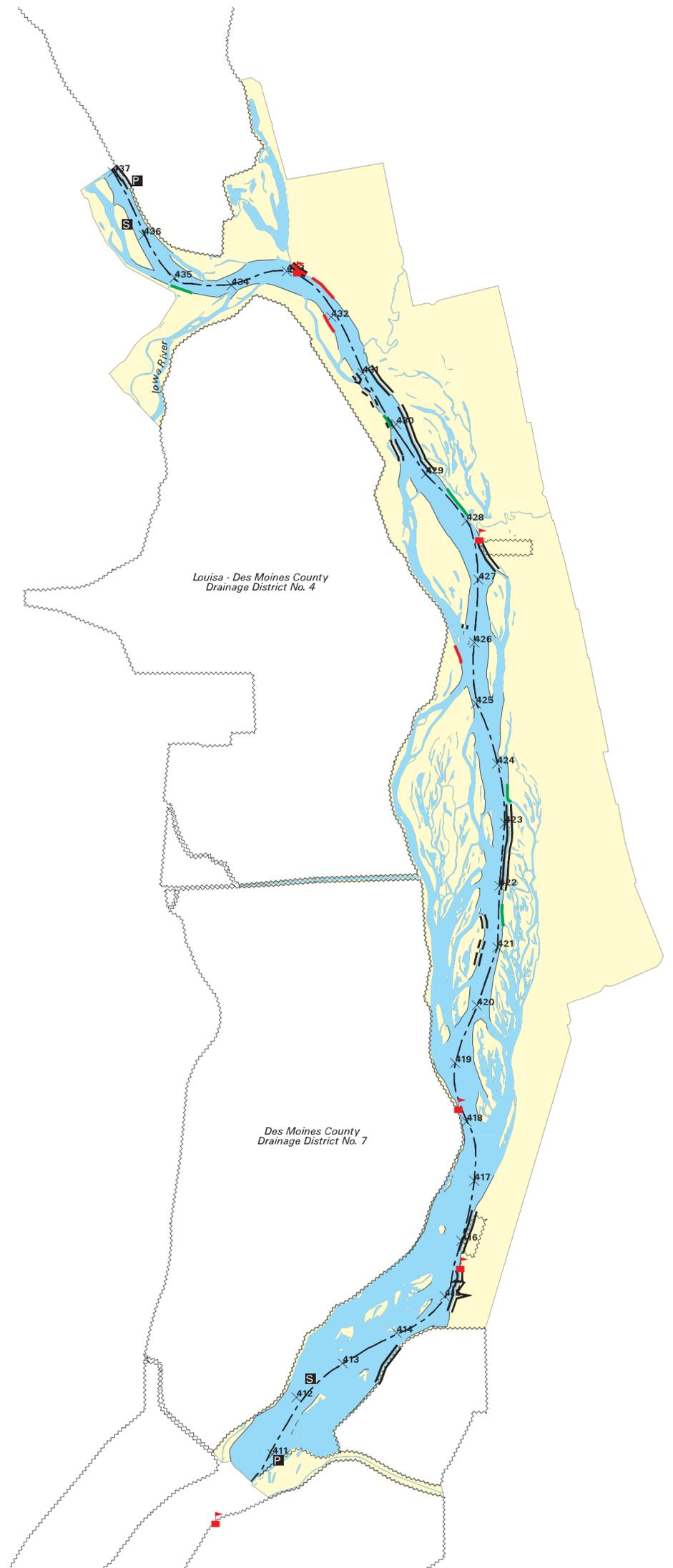


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Mississippi River - Pool 18

Bank Erosion Study



Scale 1:100,000

kilometers



miles

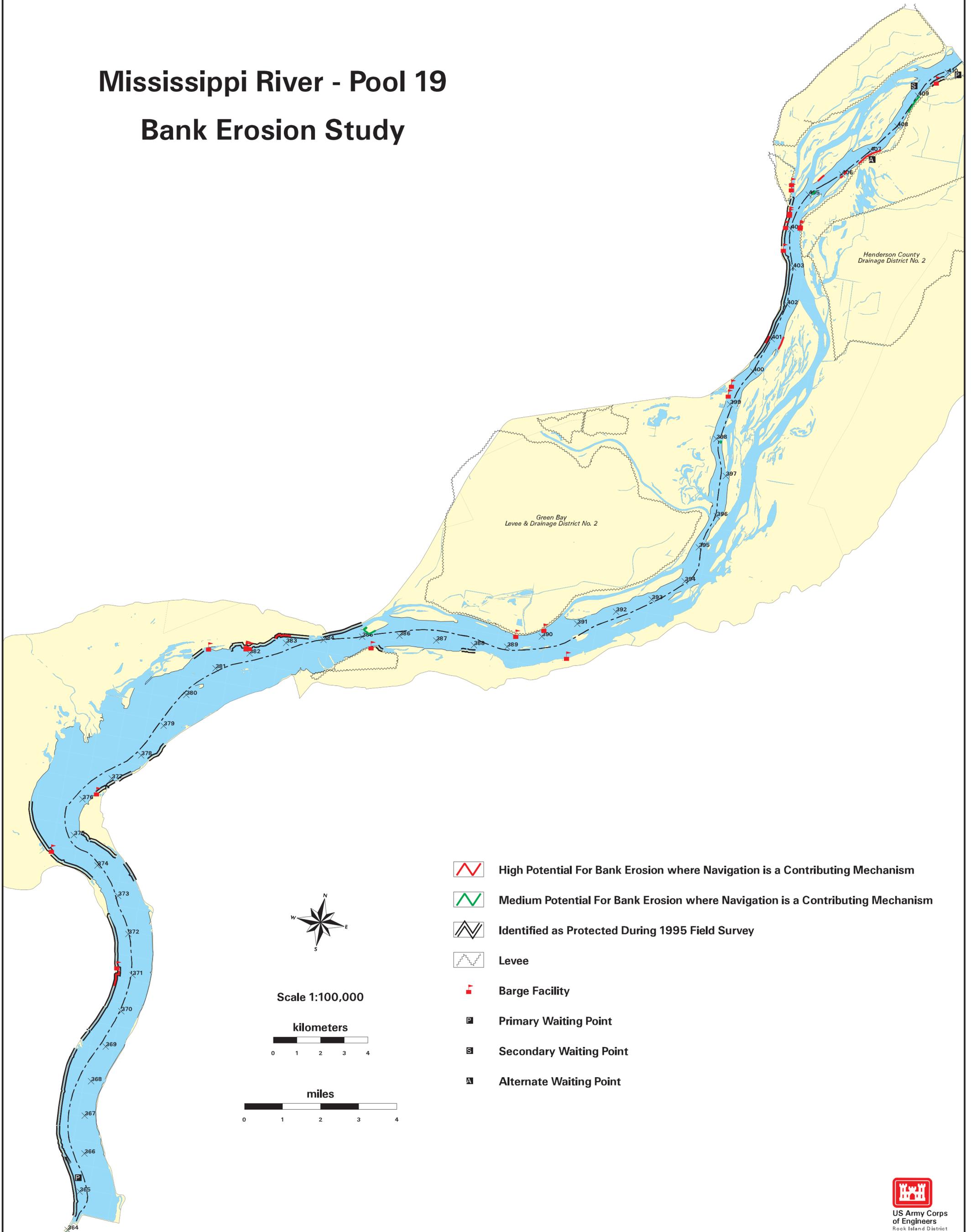


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Mississippi River - Pool 19

Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Scale 1:100,000

kilometers

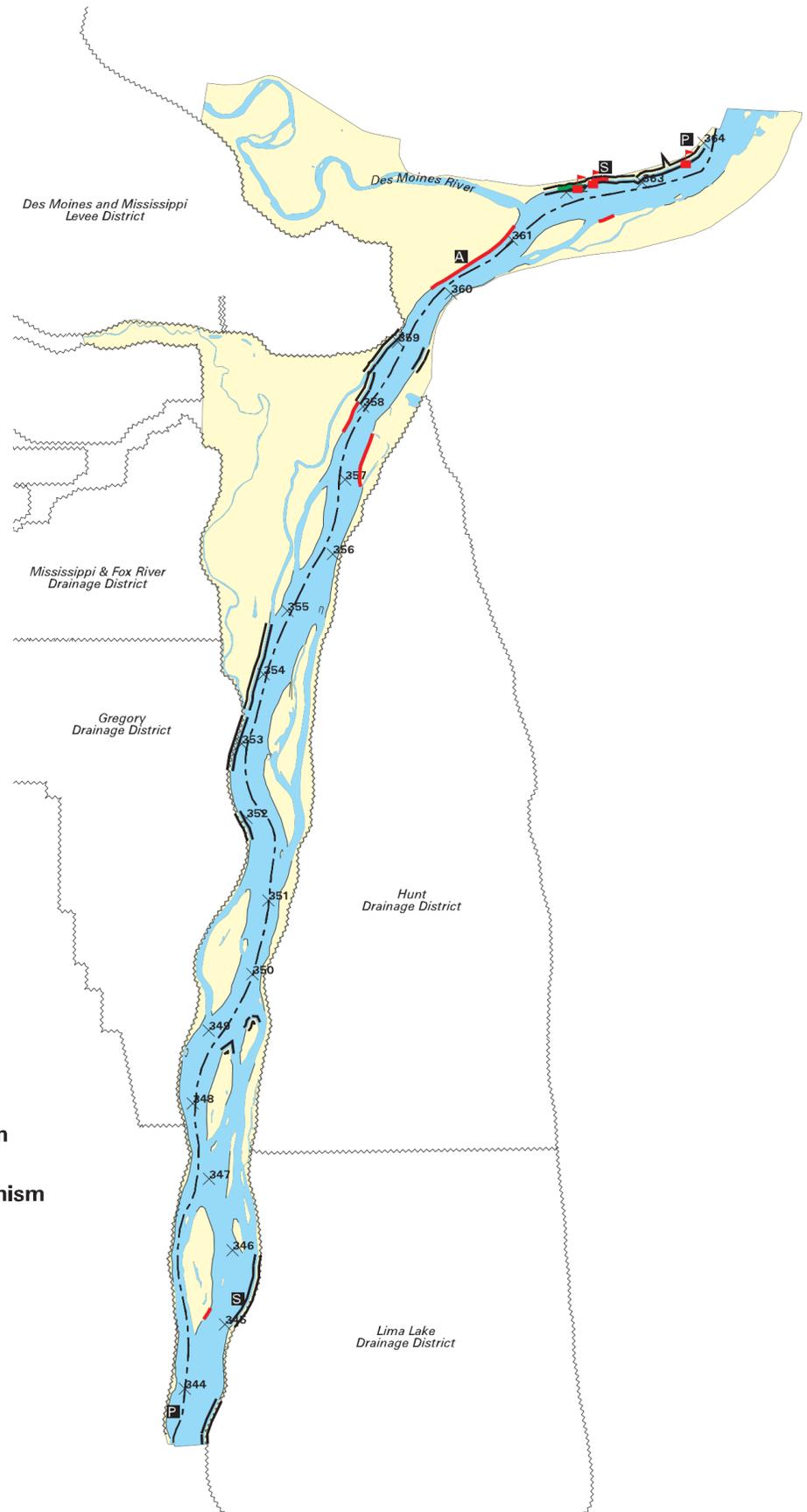


miles



Mississippi River - Pool 20

Bank Erosion Study



Scale 1:100,000

kilometers



miles



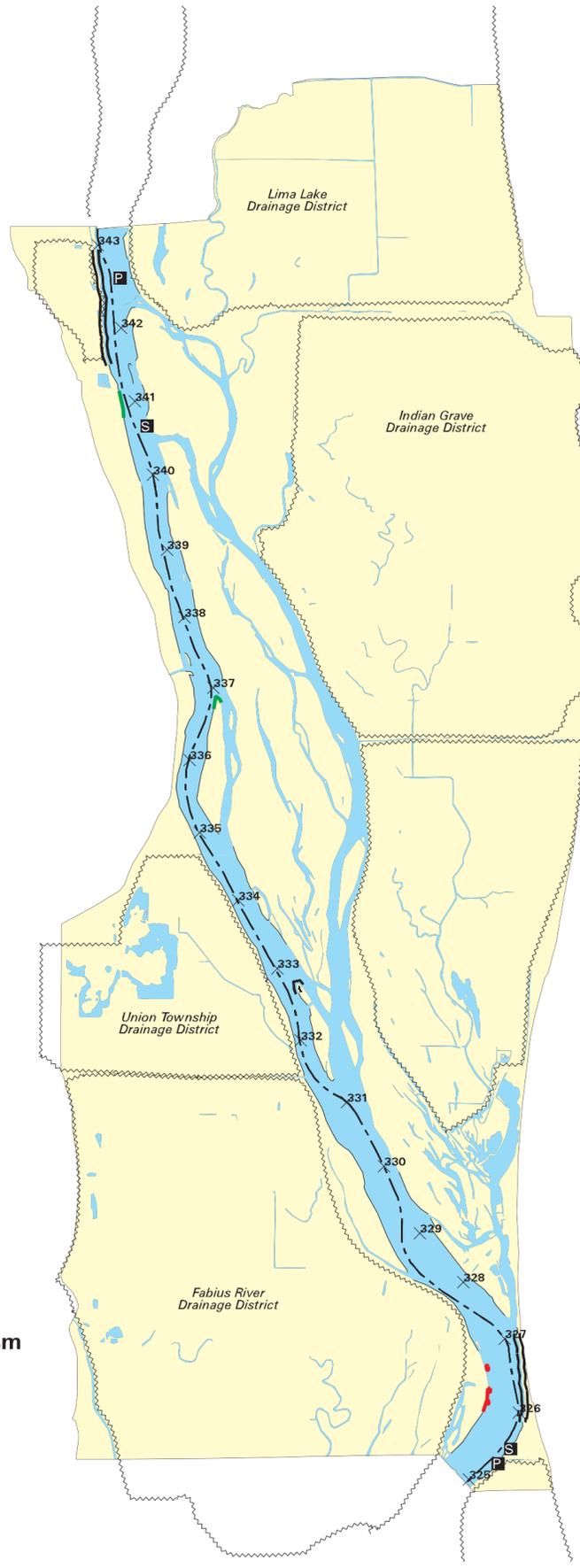
-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Mississippi River - Pool 21

Bank Erosion Study



Scale 1:100,000

kilometers



miles

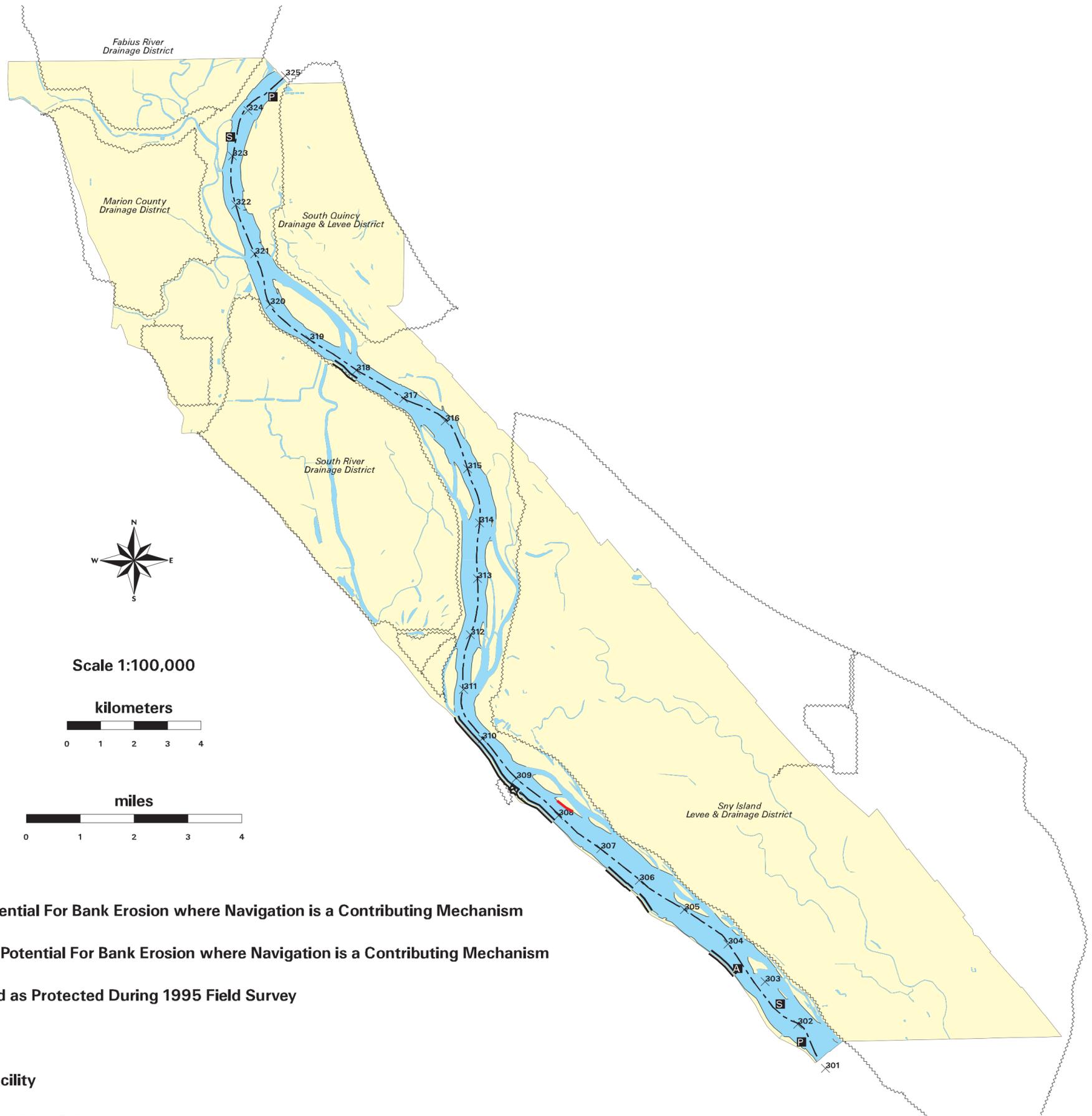


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Mississippi River - Pool 22

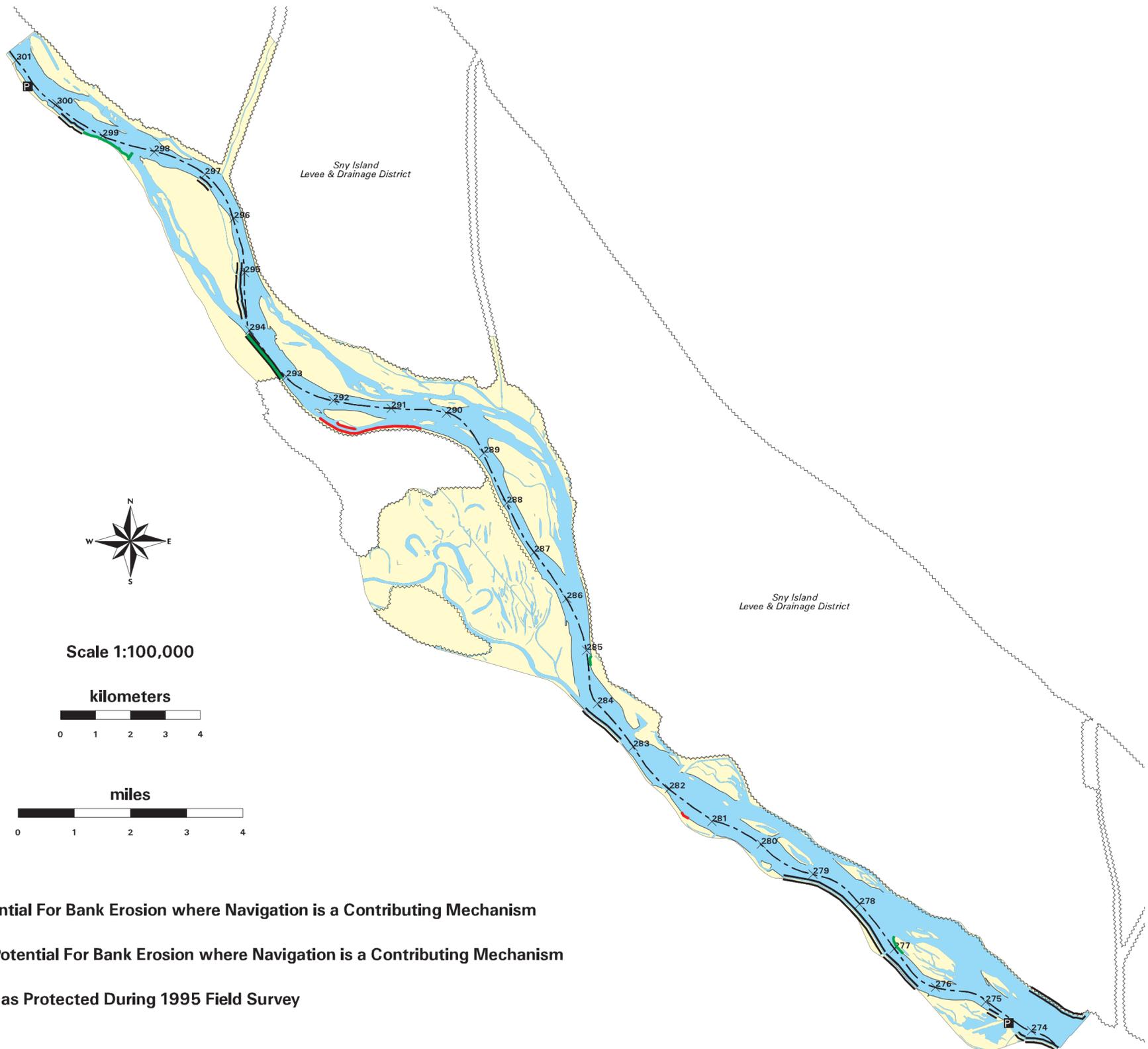
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 24

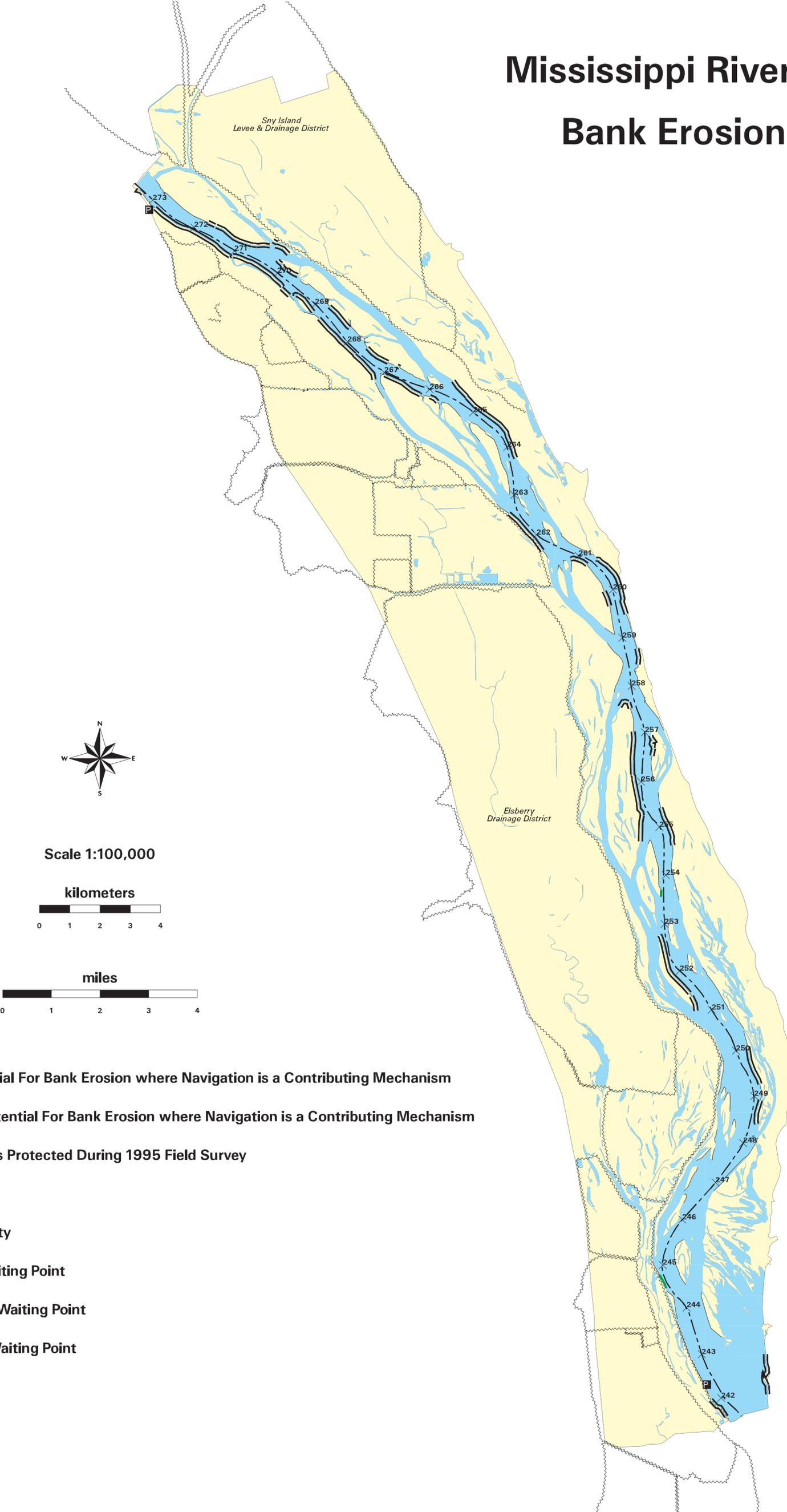
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 25

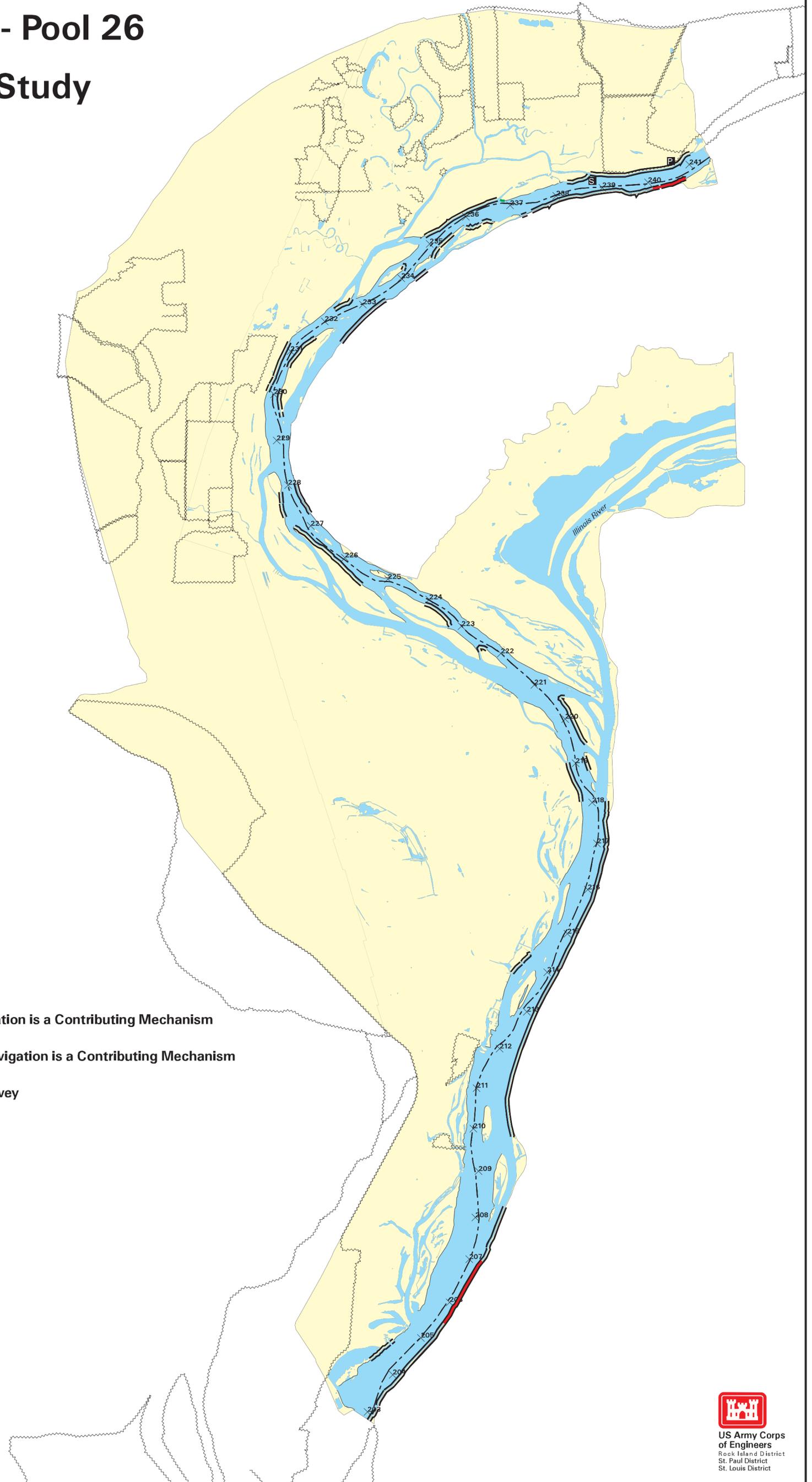
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Mississippi River - Pool 26

Bank Erosion Study



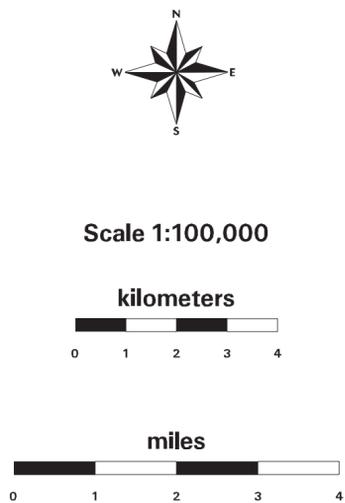
Scale 1:100,000



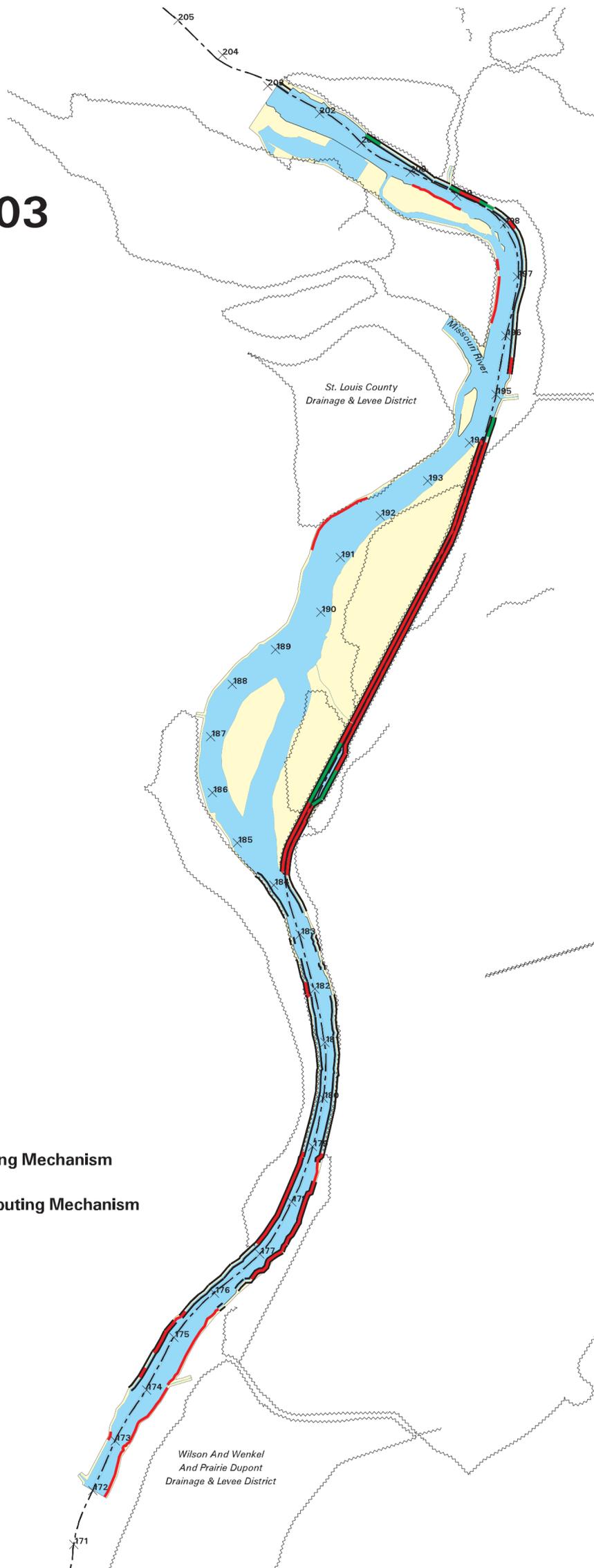
-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Open River, Mile 172 to 203

Bank Erosion Study

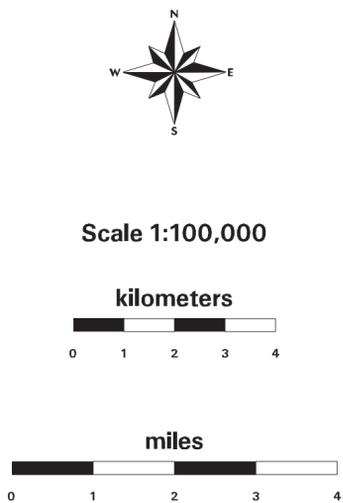


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

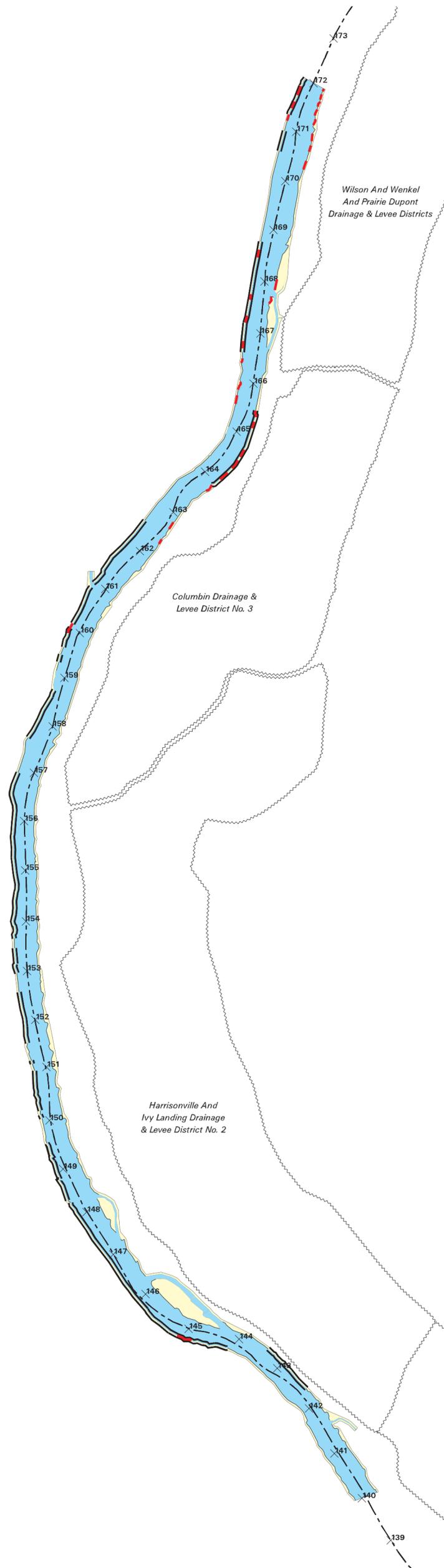


Open River, Mile 140 to 172

Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Open River, Mile 106 to 140 Bank Erosion Study



Scale 1:100,000

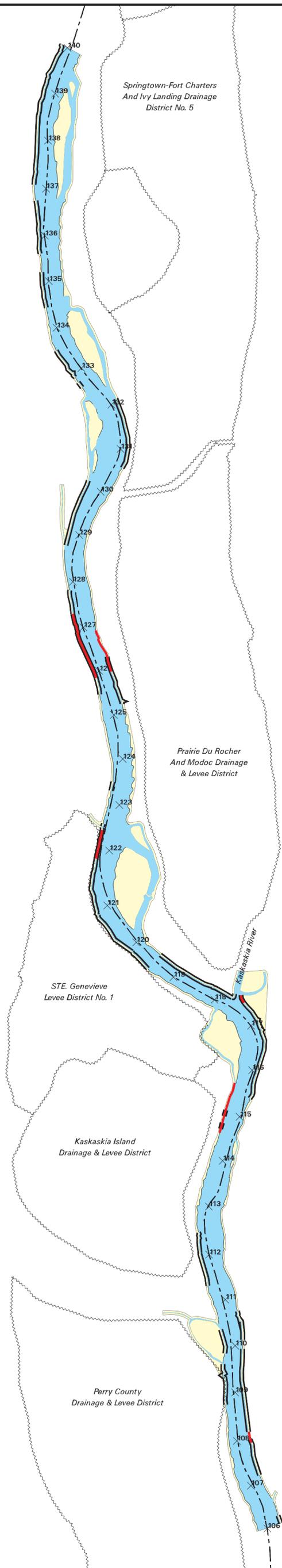
kilometers



miles

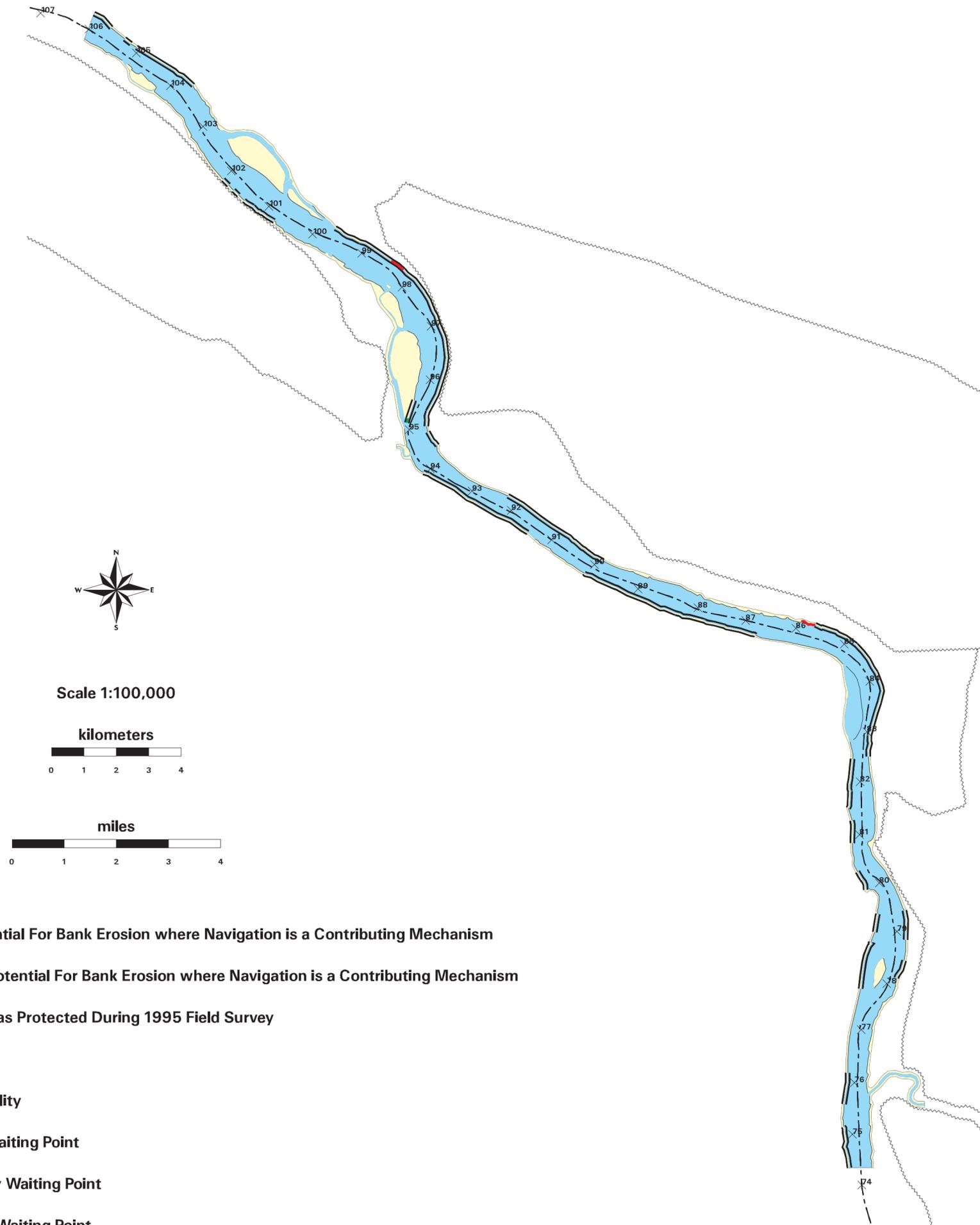


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



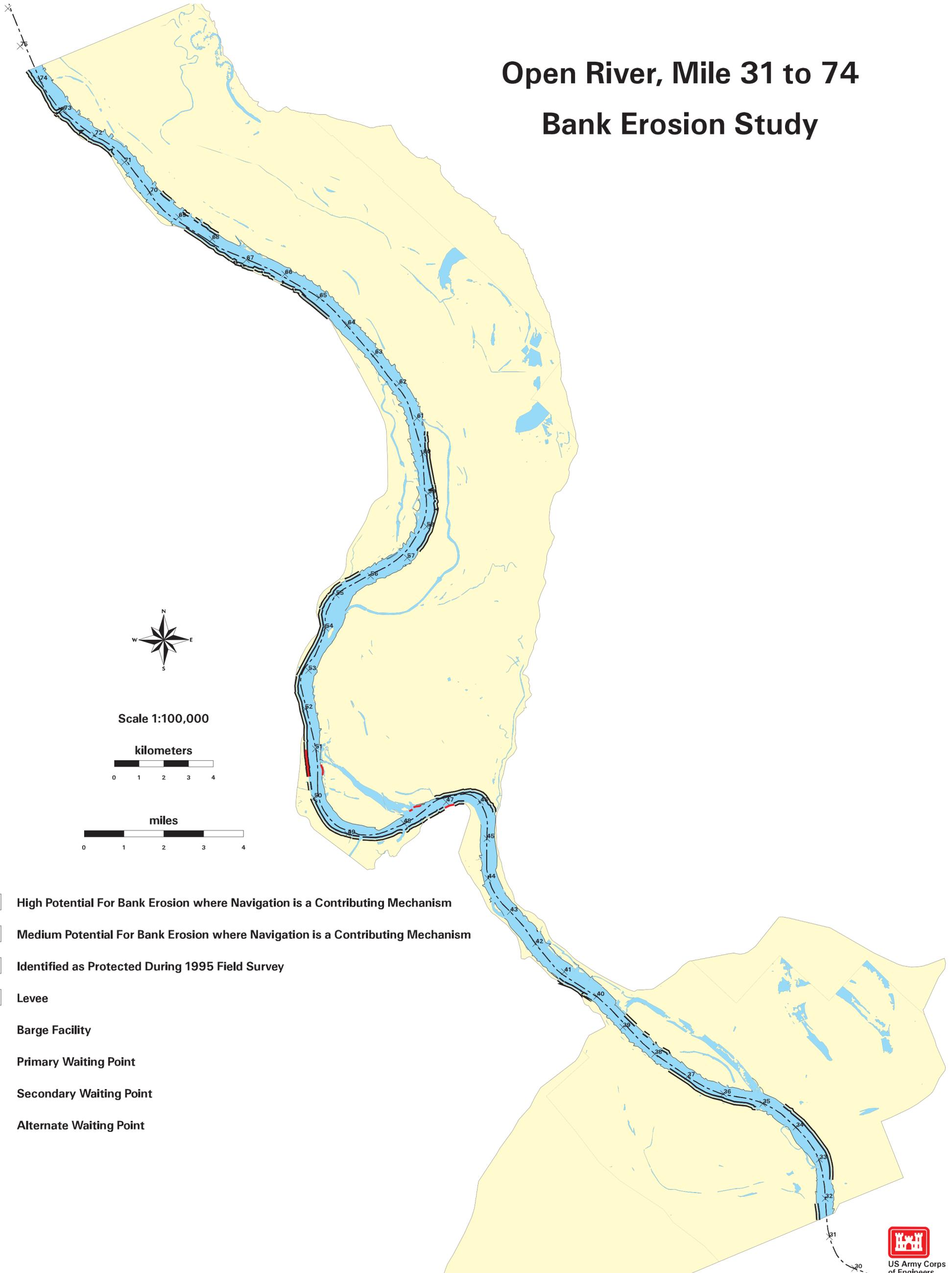
**US Army Corps
of Engineers**
Rock Island District
St. Paul District
St. Louis District

Open River, Mile 74 to 106 Bank Erosion Study



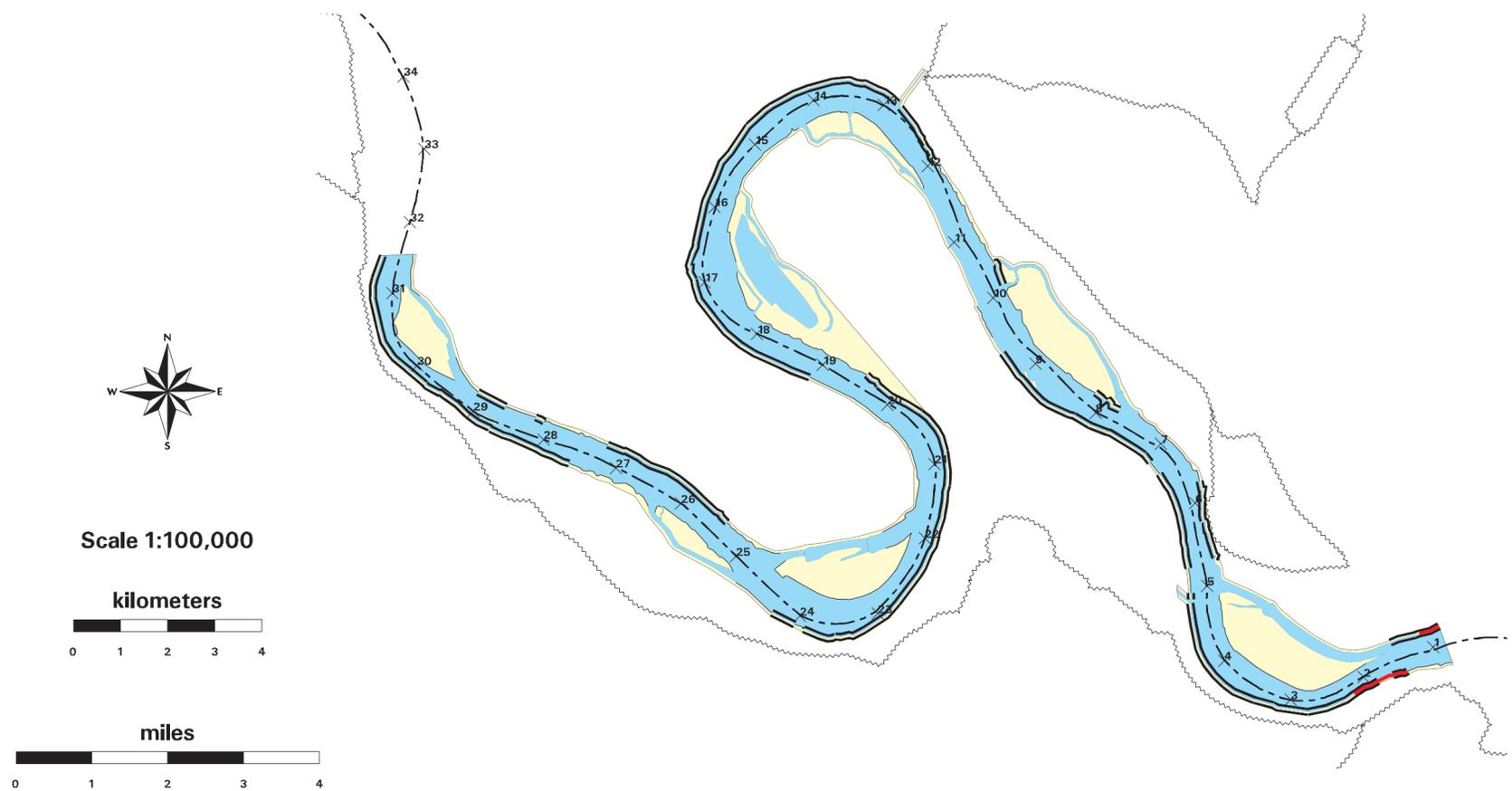
-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Open River, Mile 31 to 74 Bank Erosion Study



Open River, Mile 1 to 31

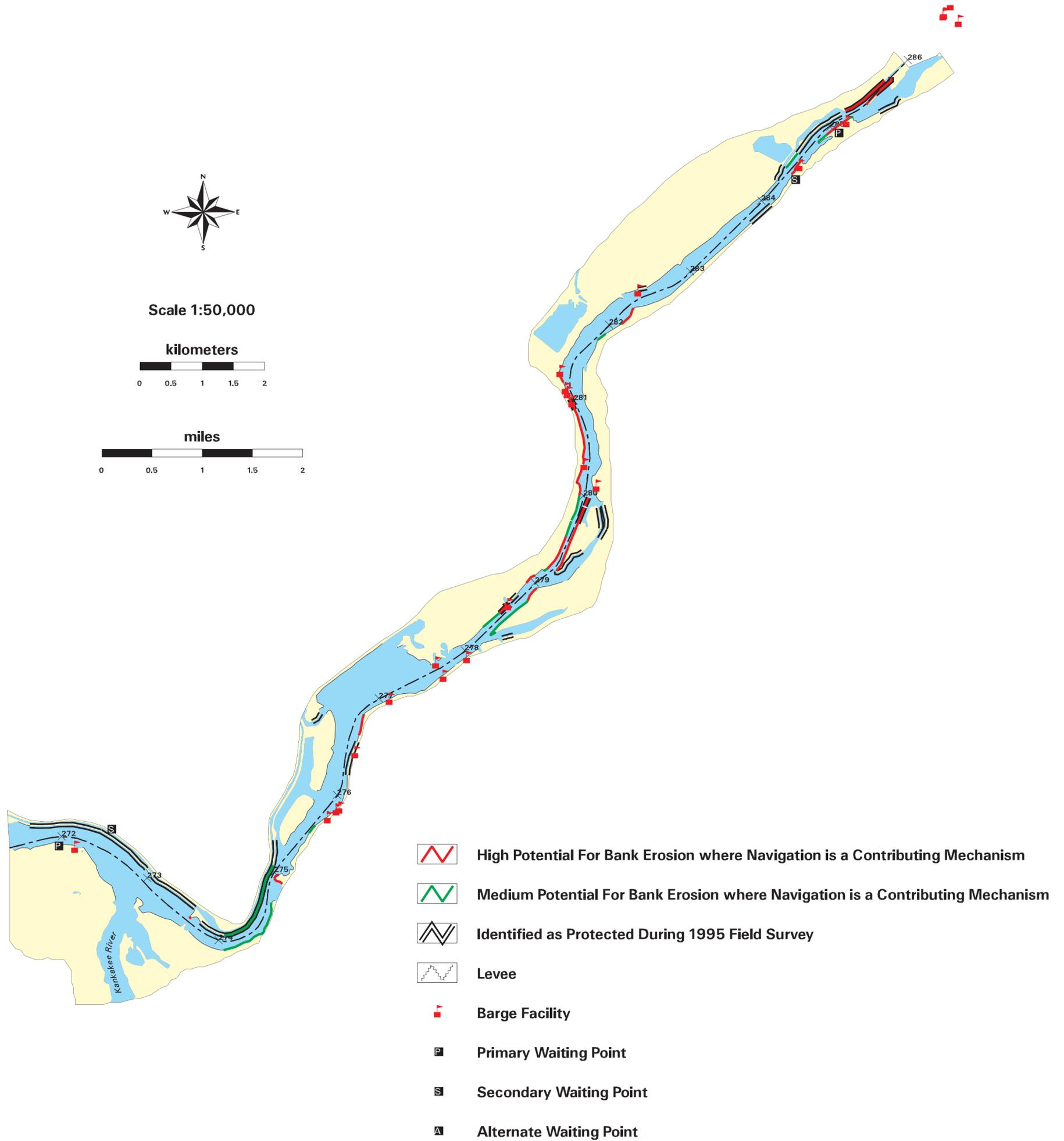
Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

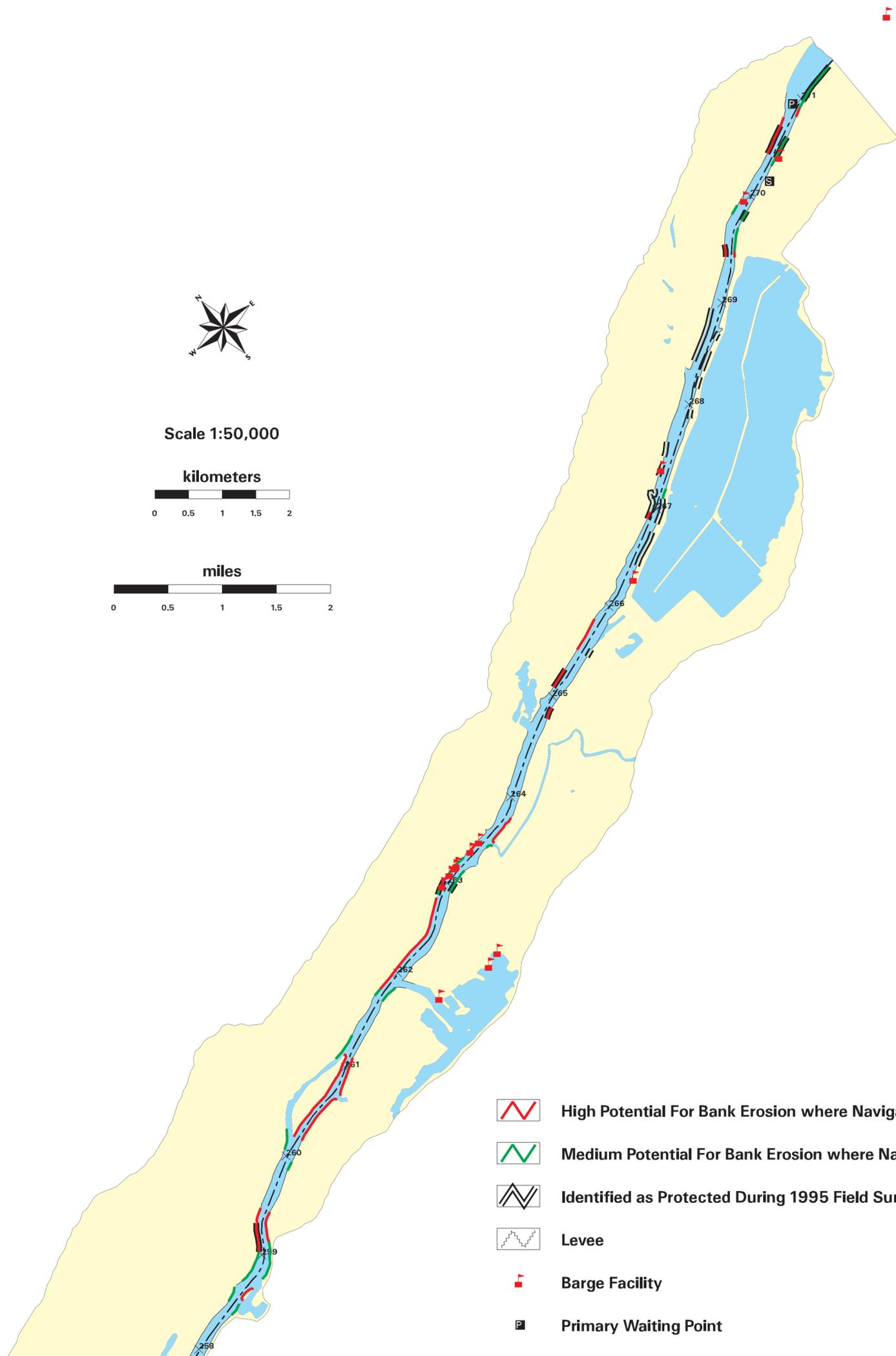
Illinois River - Dresden Island Pool

Bank Erosion Study



Illinois River - Upper Marseilles Pool

Bank Erosion Study



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Illinois River - Lower Marseilles Pool

Bank Erosion Study

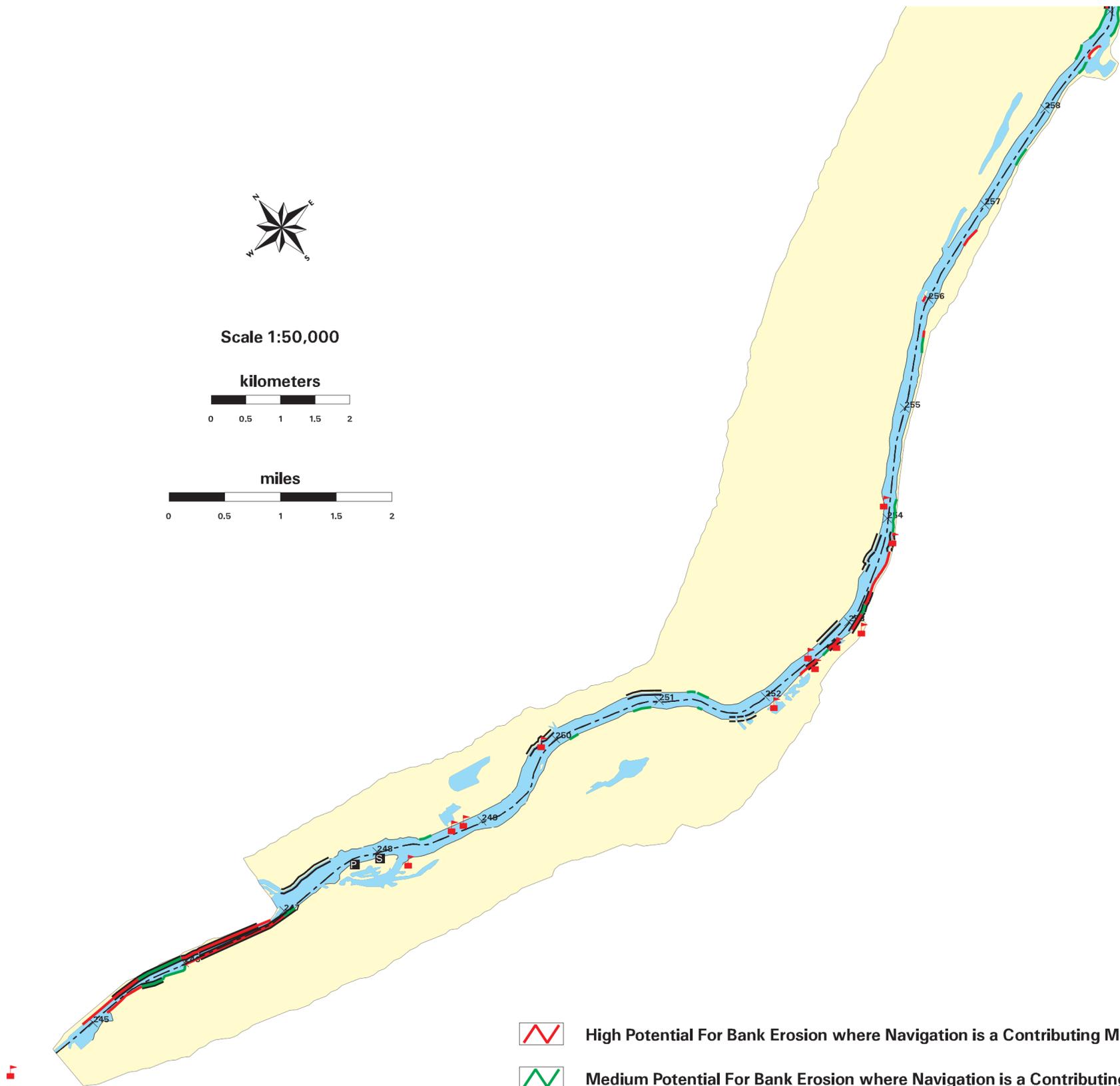
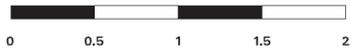


Scale 1:50,000

kilometers



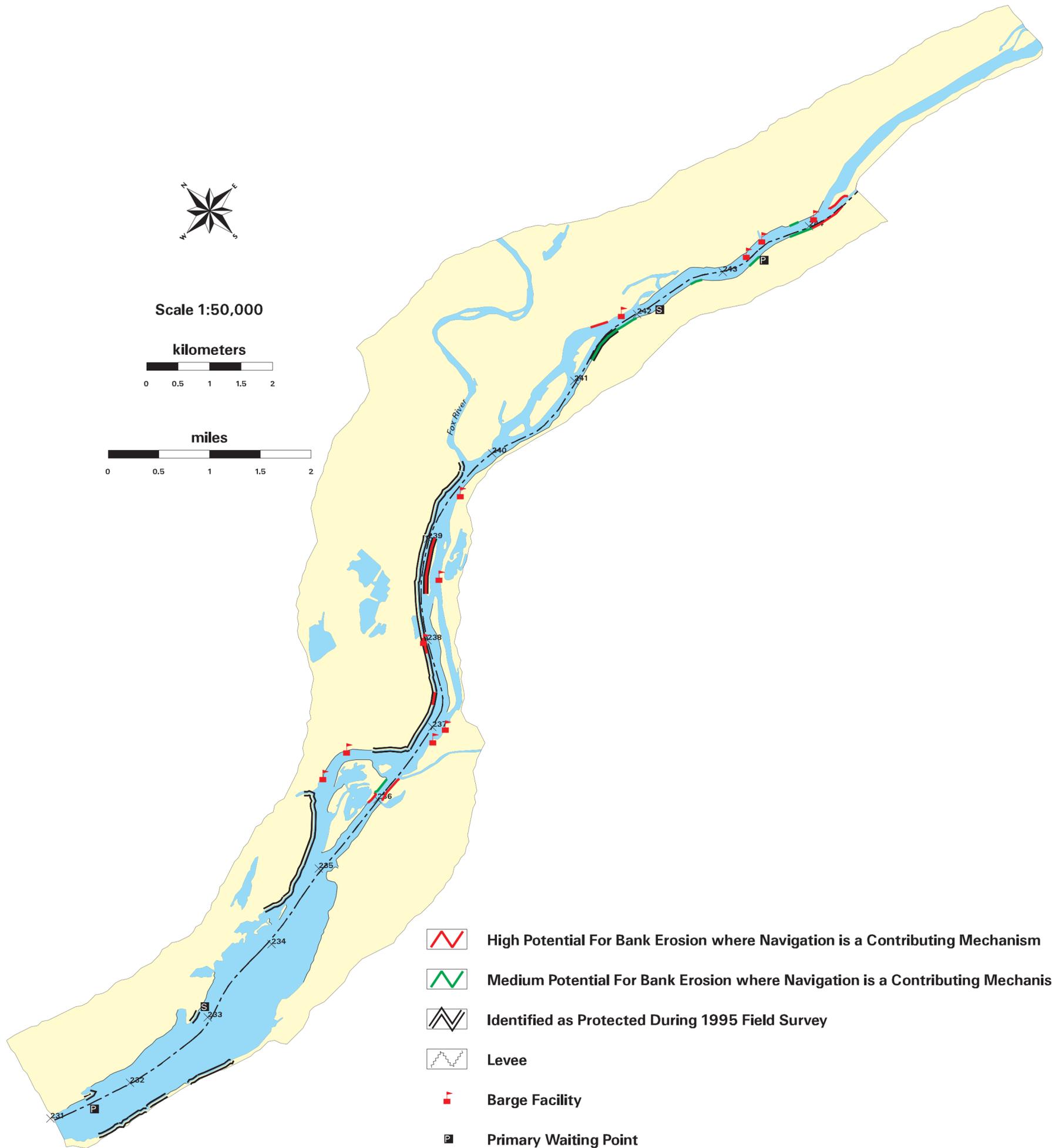
miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Illinois River - Starved Rock Pool

Bank Erosion Study

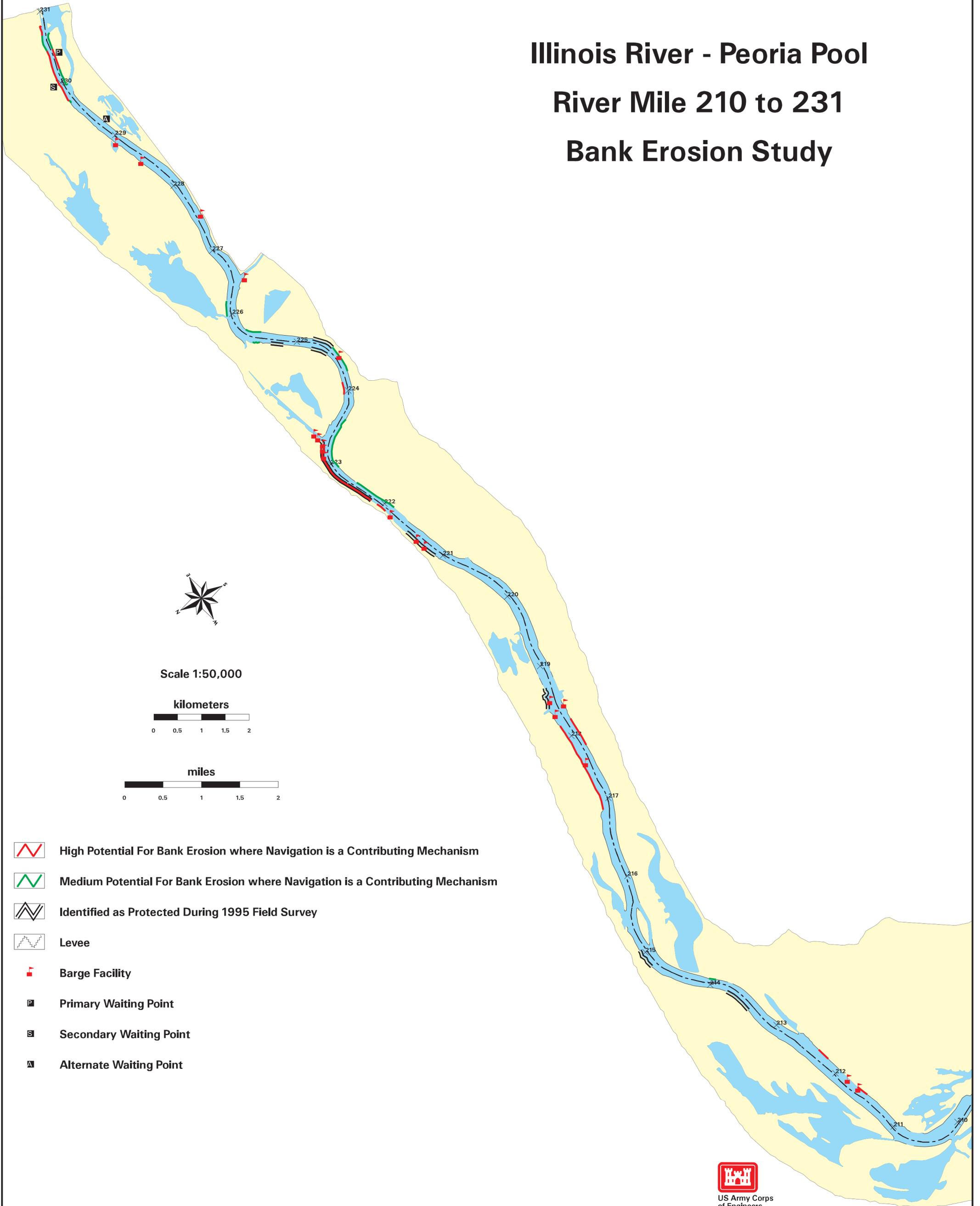


-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Illinois River - Peoria Pool

River Mile 210 to 231

Bank Erosion Study



Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Illinois River - Peoria Pool

River Mile 193 to 212

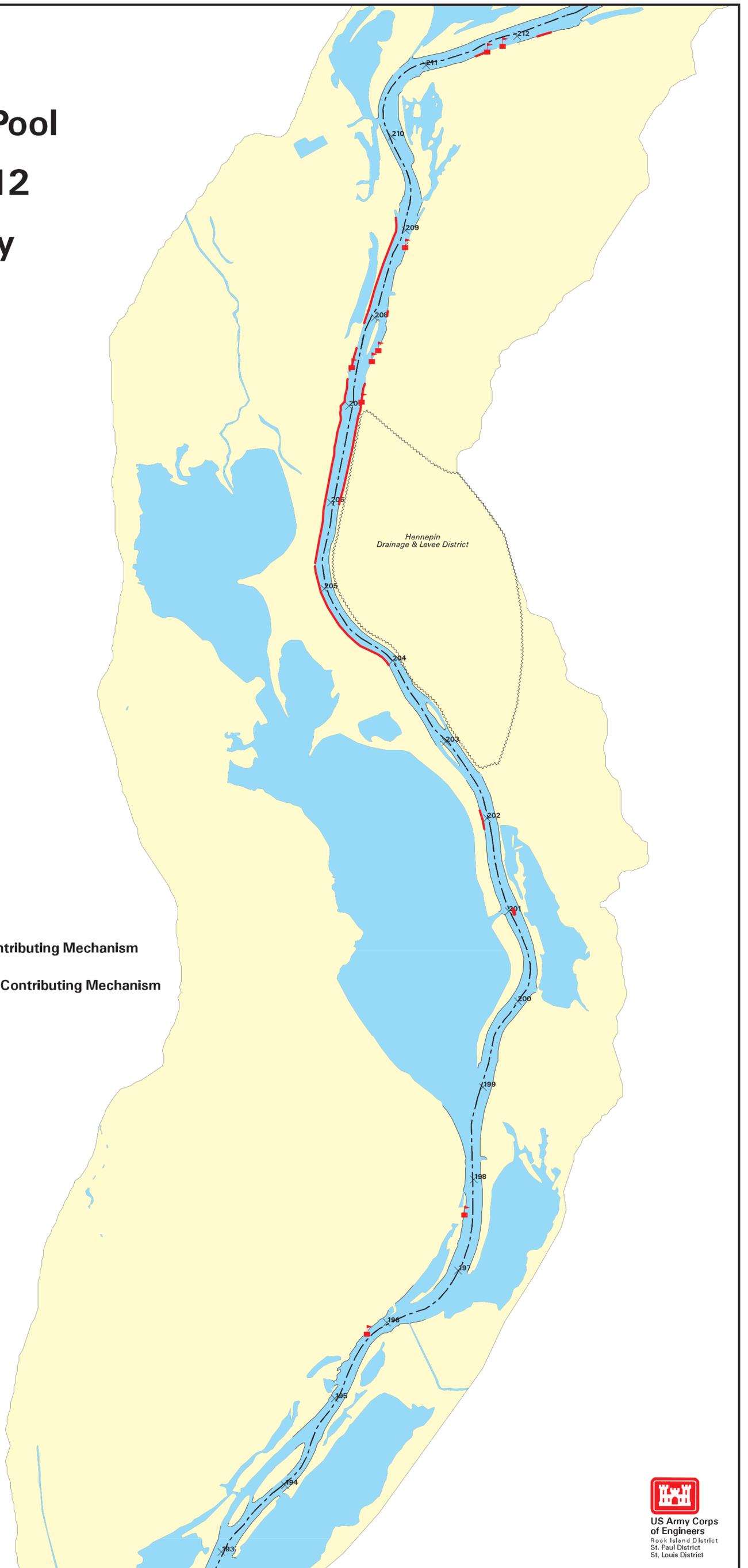
Bank Erosion Study



Scale 1:50,000



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



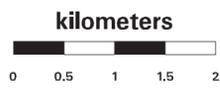
Illinois River - Peoria Pool

River Mile 175 to 195

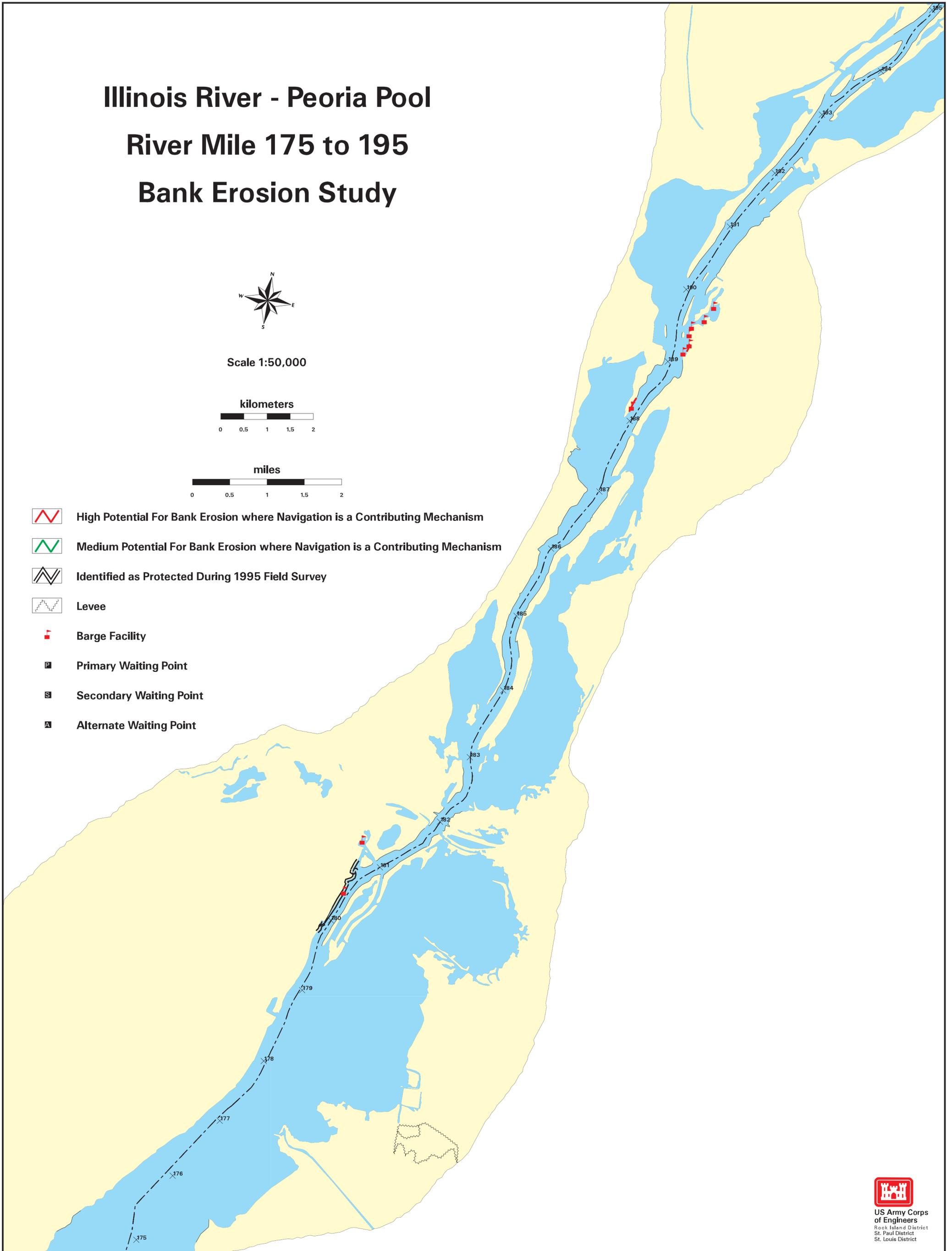
Bank Erosion Study



Scale 1:50,000



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

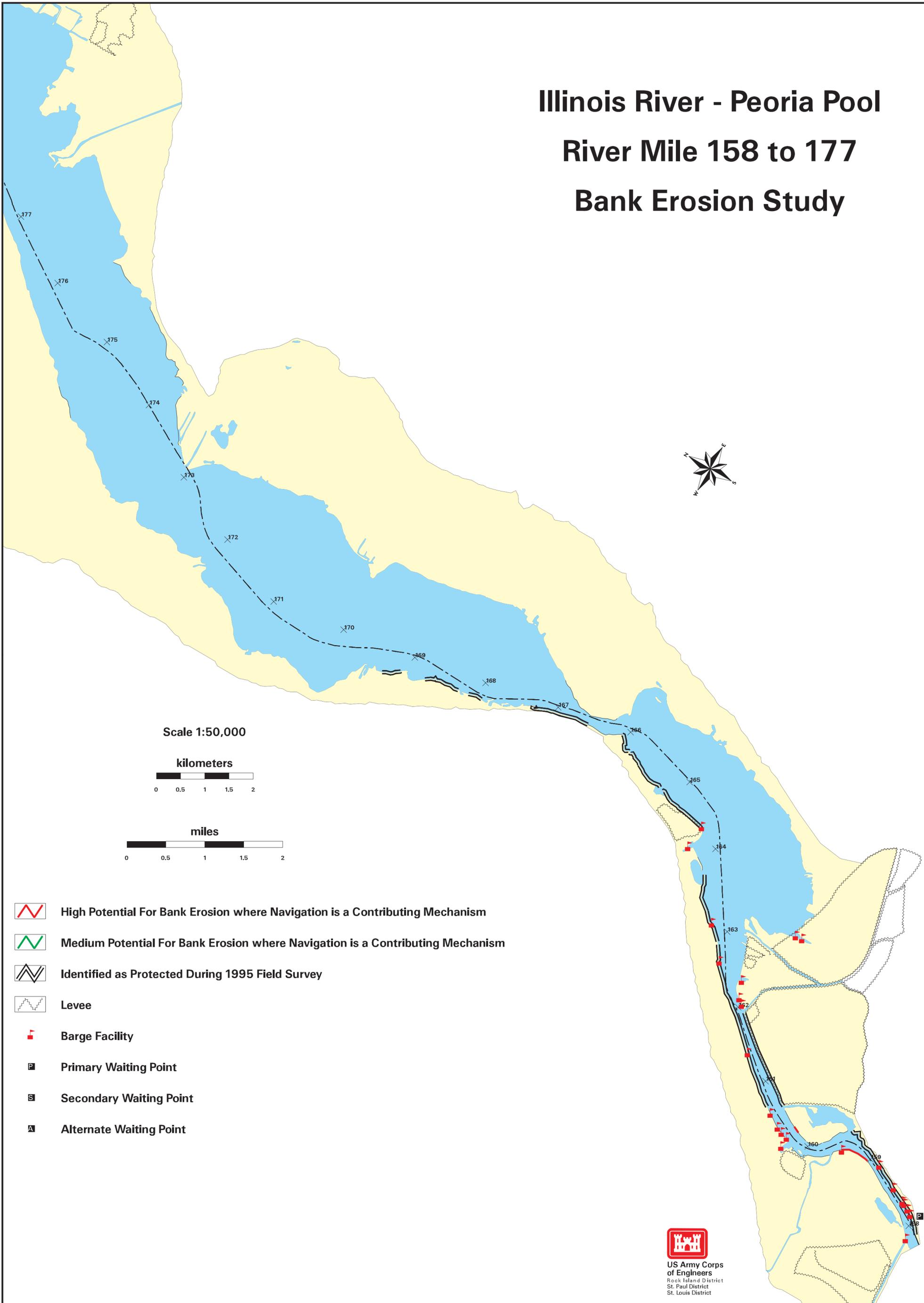


US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Illinois River - Peoria Pool

River Mile 158 to 177

Bank Erosion Study



Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Illinois River - Lagrange Pool

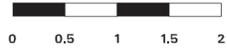
River Mile 136 to 157

Bank Erosion Study

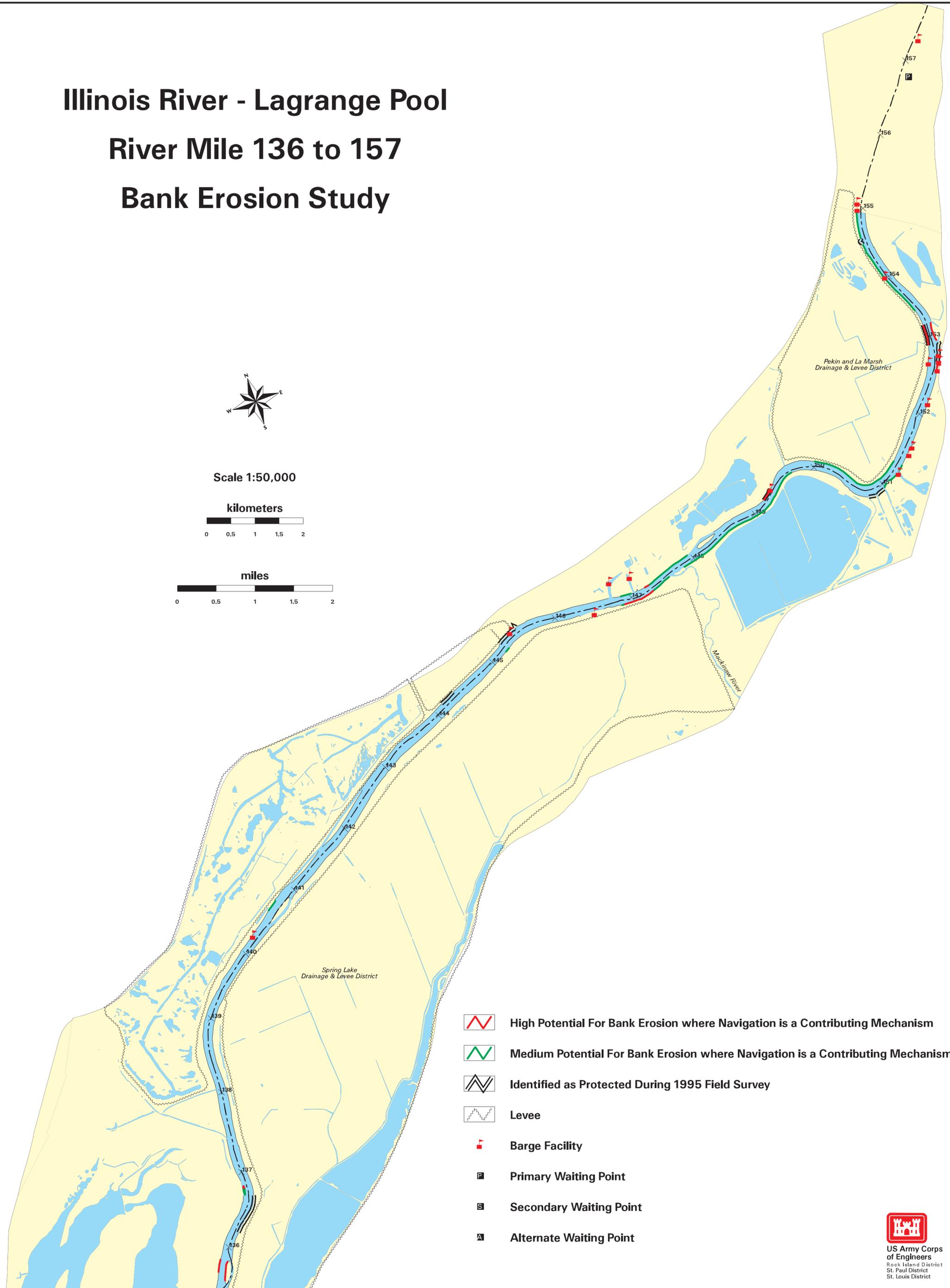


Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

Illinois River - Lagrange Pool

River Mile 118 to 138

Bank Erosion Study



Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Illinois River - Lagrange Pool

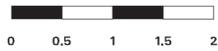
River Mile 98 to 119

Bank Erosion Study



Scale 1:50,000

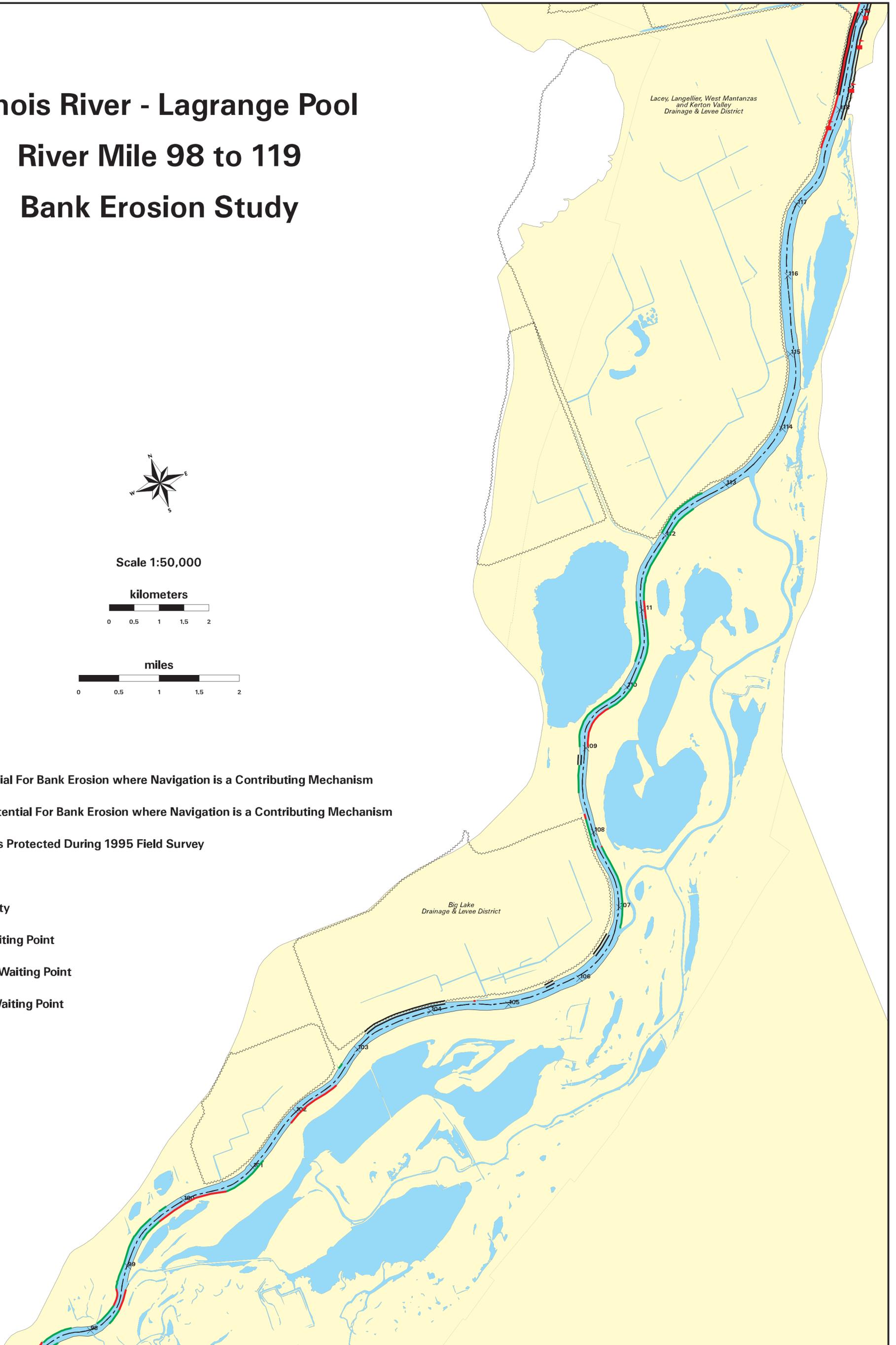
kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Illinois River - Lagrange Pool

River Mile 80 to 101

Bank Erosion Study

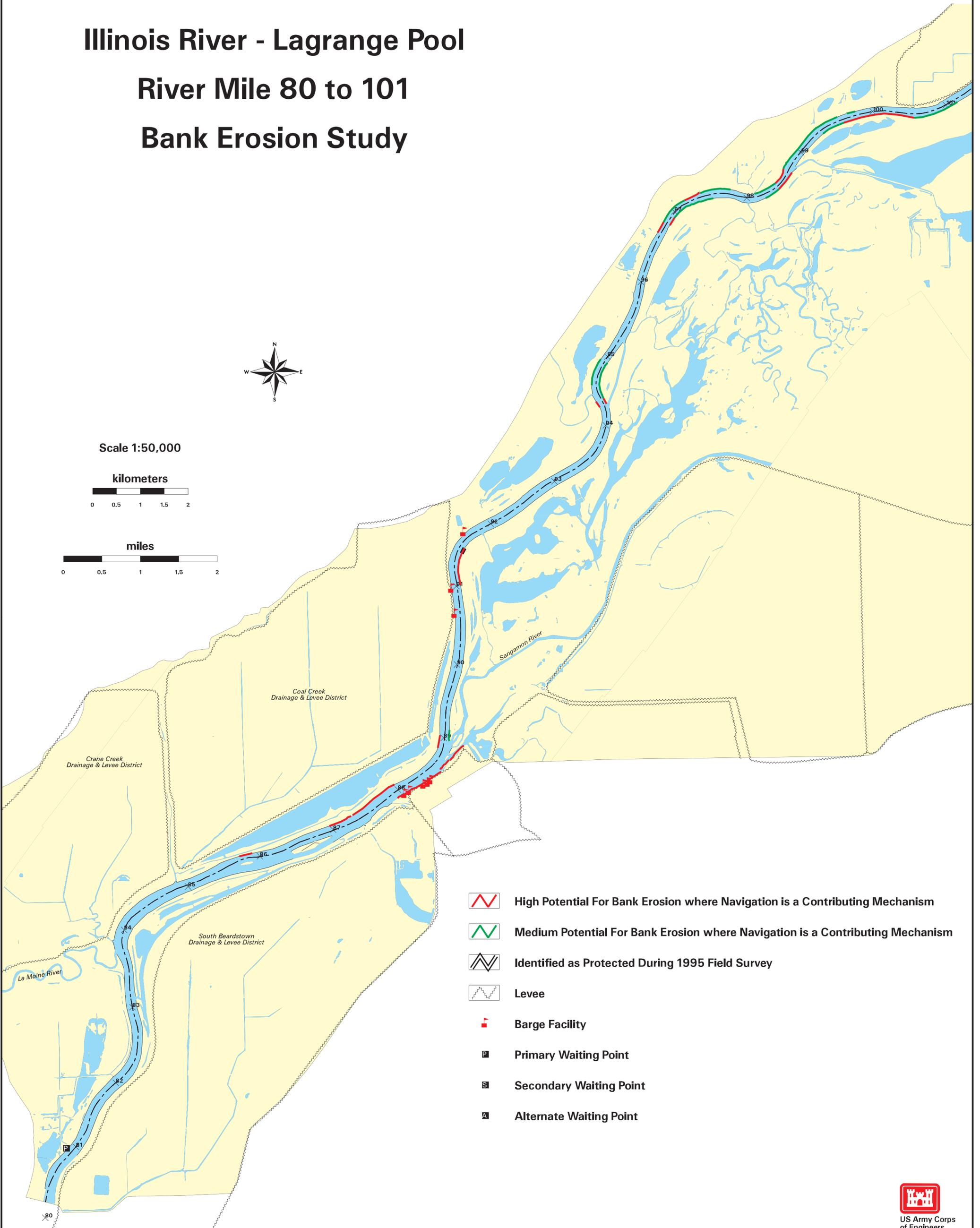


Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

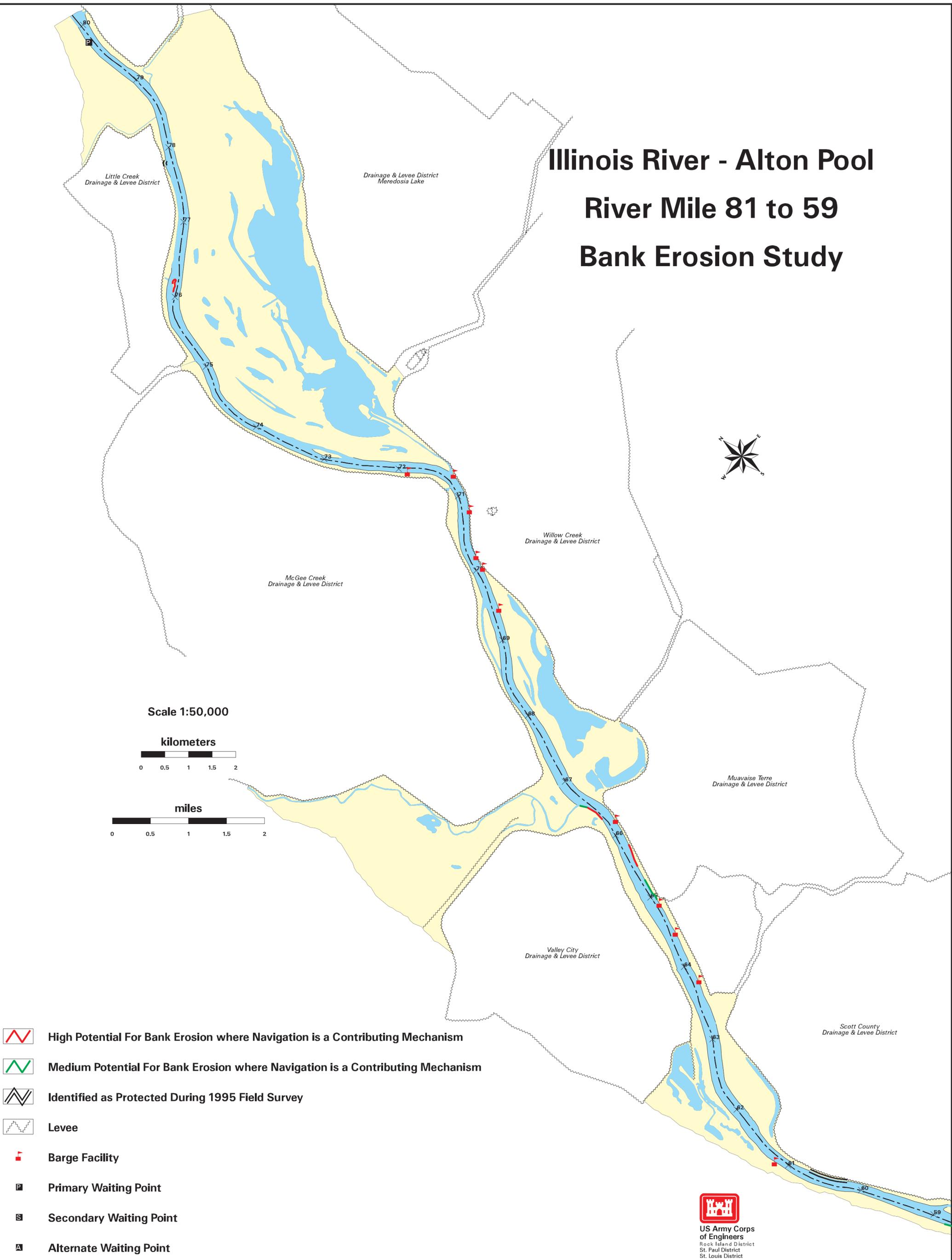


US Army Corps
of Engineers
Rock Island District
St. Paul District
St. Louis District

Illinois River - Alton Pool

River Mile 81 to 59

Bank Erosion Study



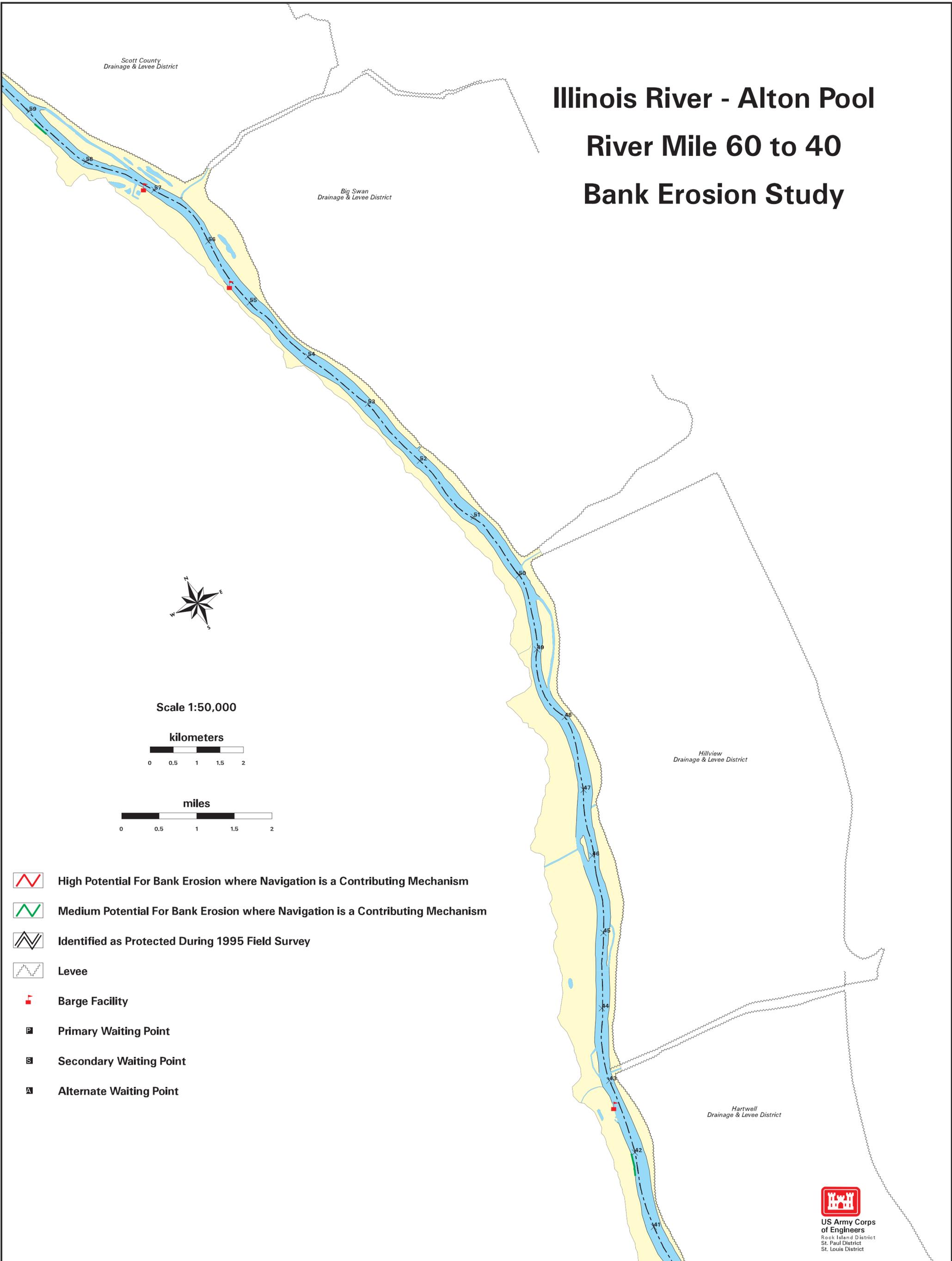
-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



Illinois River - Alton Pool

River Mile 60 to 40

Bank Erosion Study



Scott County
Drainage & Levee District

Big Swan
Drainage & Levee District

Hillview
Drainage & Levee District

Hartwell
Drainage & Levee District

Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point

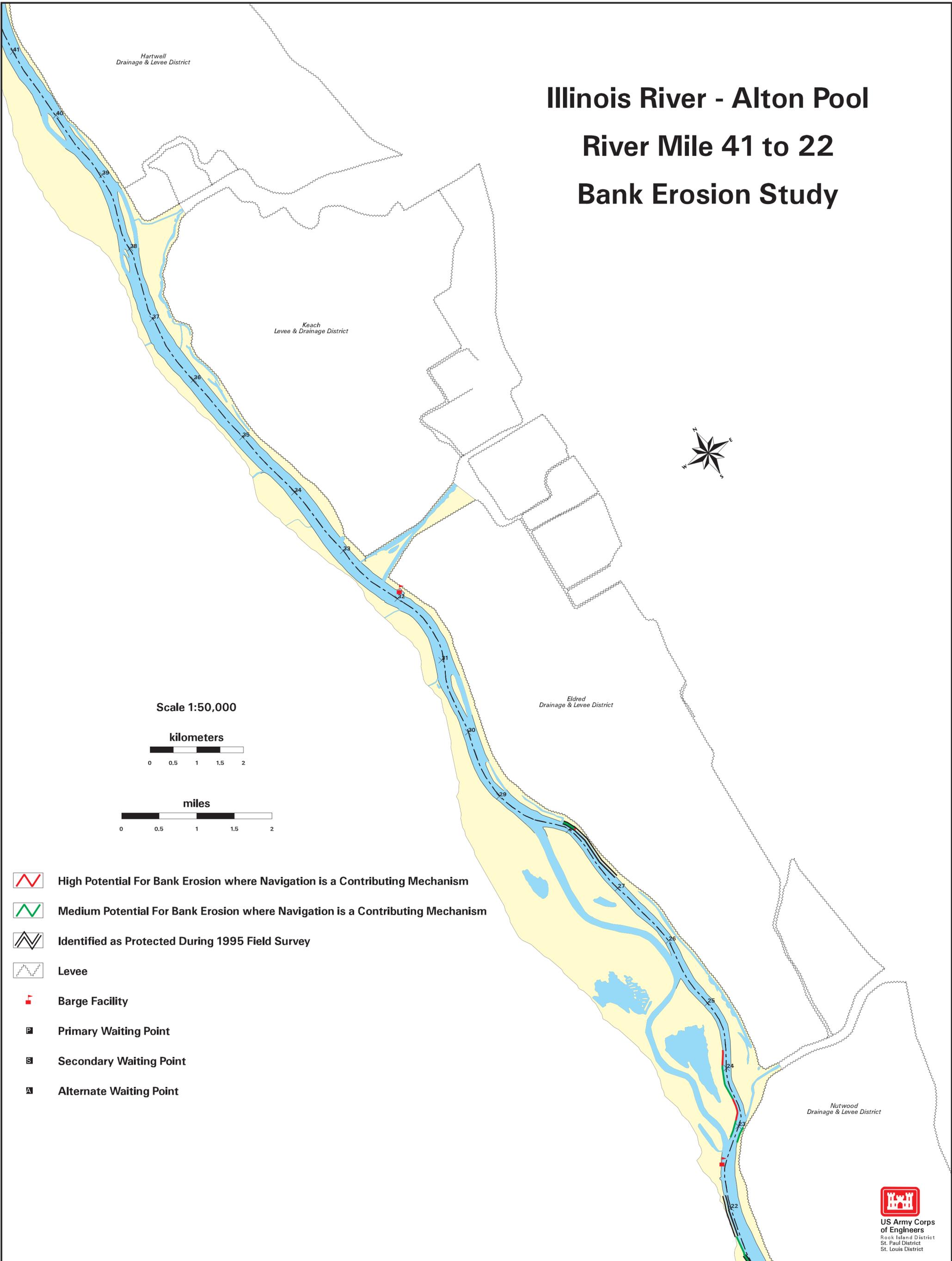


**US Army Corps
of Engineers**
Rock Island District
St. Paul District
St. Louis District

Illinois River - Alton Pool

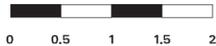
River Mile 41 to 22

Bank Erosion Study



Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



**US Army Corps
of Engineers**
Rock Island District
St. Paul District
St. Louis District

Illinois River - Alton Pool

River Mile 22 to 0

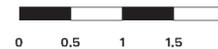
Bank Erosion Study

Nutwood
Drainage & Levee District



Scale 1:50,000

kilometers



miles



-  High Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Medium Potential For Bank Erosion where Navigation is a Contributing Mechanism
-  Identified as Protected During 1995 Field Survey
-  Levee
-  Barge Facility
-  Primary Waiting Point
-  Secondary Waiting Point
-  Alternate Waiting Point



**US Army Corps
of Engineers**
Rock Island District
St. Paul District
St. Louis District