Local Pier Scour

See full presentation at: `\\ad\bridge\Data\Share\Bridge Scour presentation`
Pier Scour
General Scour

Long term scour, aggradation or degradation, river migration may occur whether or not there was a bridge crossing or constriction in the stream. Picture shows degradation caused by gravel mining in the stream.

See full presentation at: \ad\bridge\Data\Share\Bridge Scour presentation
Typical Local Abutment Scour Problem: Abutment Fill Loss

See full presentation at: \ad\bridge\Data\Share\Bridge Scour presentation
Monitoring Sign
Bridge 6502 TH 32 over South Branch Wild Rice River

See full presentation at: \ad\bridge\Data\Share\Bridge Scour presentation
Cross Section of Scour Hole

See full presentation at: \ad\bridge\Data\Share\Bridge Scour presentation
Online Resources

- Bridge Scour website:  
  http://ihub/bridge/hydraulics/scour/index.html

- GIS Benchmark website:  
  http://www.dot.state.mn.us/maps/geodetic/

- Mn/DOT Interactive Basemap:  
  http://www.dot.state.mn.us/maps/gisweb/