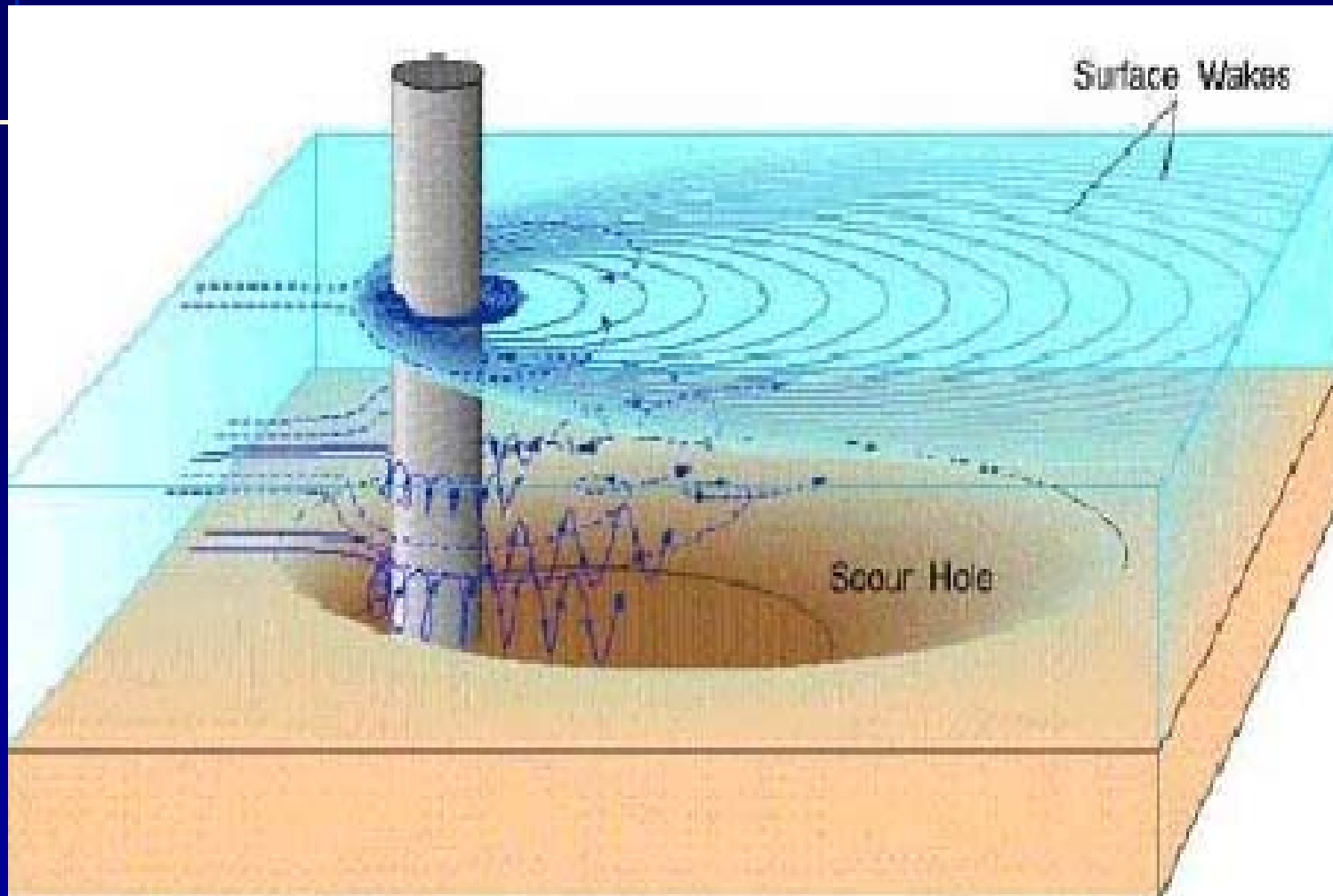


Local Pier Scour



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

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

Pier Scour



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

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



Monitoring Sign

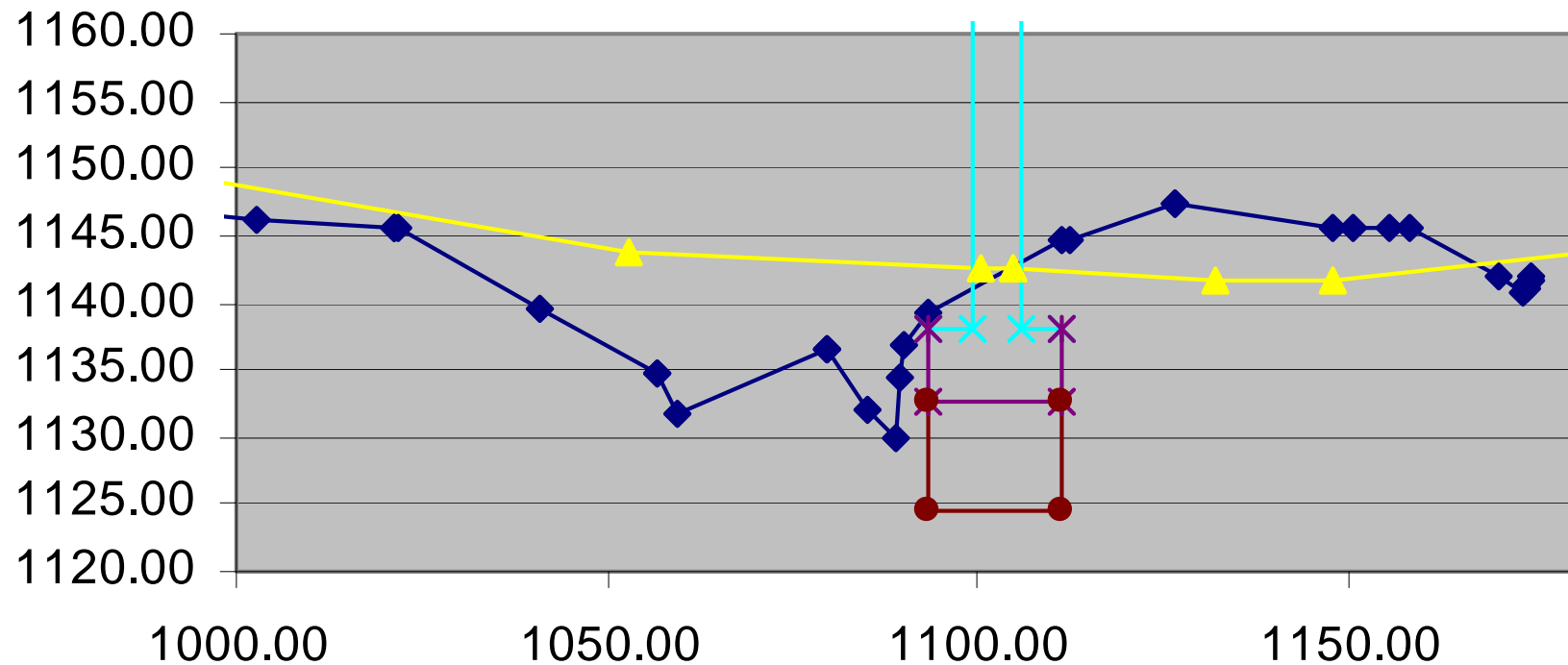
Bridge 6502 TH 32 over South Branch Wild Rice River



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

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

Cross Section of Scour Hole



Survey 2004 Survey- Original Pier Footing Seal

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/>