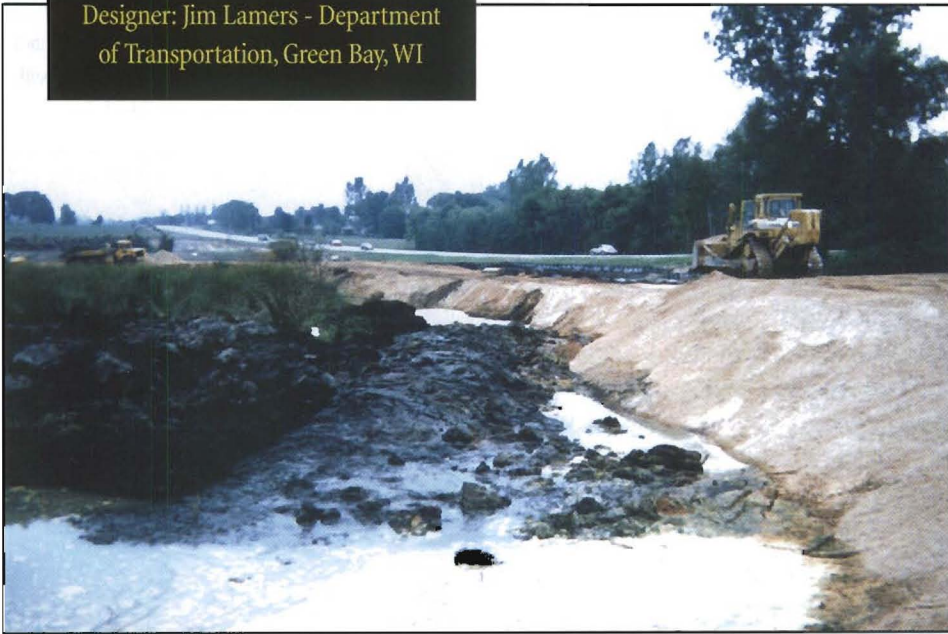


SITWORK



Owner: State of Wisconsin -
Department of Transportation
Designer: Jim Lamers - Department
of Transportation, Green Bay, WI



2002 PROJECTS OF DISTINCTION

This one mile stretch of USH 45 consisted of 283,000 cubic yards of common excavation and 71,000

cubic yards of marsh excavation along with clearing and grubbing, erosion control, restoration and construction staking. Unique excavating methods were utilized throughout the project, including the use of a Topcon APL - 1A Robotic Total Station, which enabled one employee to do all of the construction staking. Successfully forcing the existing marsh into a relief trench required the use of a rolling surcharge method. By excavating the relief trench and constructing the surcharge fill area away from CTH D, Wondra was able to control the direction of the resulting mud wave, preventing damage to the roadway. Redirecting the flow of water from a drainage ditch and stabilizing the roadway slopes added to the project's challenges. Recognizing the unique risks of this job, safety practices were especially important. Despite the unusual circumstances, the project was completed on budget without any accidents or injuries.

Owner's Comments:

“ Wondra employed unique measures that required field modifications and close attention to detail to complete a significant part of the work associated with the excavation and backfilling of a wet and unusually deep marsh area.”



Wondra Excavating, Inc., Iron Ridge, WI

Crossroad - USH 45, Outagamie County

ABC

MEMBERS INVOLVED:

Richards Insurance
M.C.C., Inc.
Tractor Loader Sales, Inc.