

Solution Sheet

HABS/HAER Documentation



NEED: The State of Arkansas had several bridges dating from the late 1800's to early 1900's in need of documentation. These structures were listed on the National Registry of Historic Places and while still standing they were in various states of disrepair. The Arkansas State Highway & Transportation Department scanned the bridges and contacted GDM to create the proper documentation for the National Park Service.

SOLUTION: GDM produced a full 3D model of each structure. We then created cross-sections for each view necessitated by the HABS/HAER standards. By using this methodology GDM was able to guarantee spatial integrity between various sheets and scales as all data originated from a single source. Of particular interest to the client was GDM's ability to provide a turnkey price for the project.

SPECIFICATIONS: Scanworlds- Provided by the Client
Control- Provided by the Client
Model Time- +/- 2 Weeks per Bridge
Client- Arkansas State Highway & Transportation Department

CAD Model



Point Cloud