



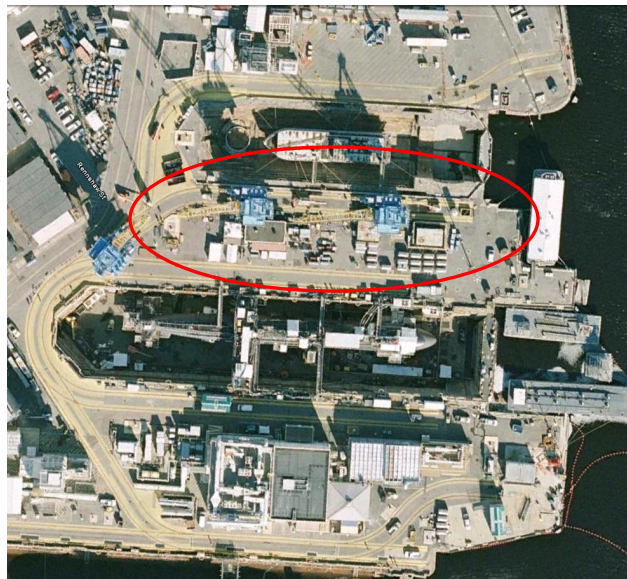
**PROJECT TITLE:** Dry Dock No. 1, Southside Crane Rail Replacement  
**CONTRACT NO.:** N00187-99-D-6981  
**LOCATION:** Norfolk Naval Shipyard, Portsmouth, Virginia  
**AWARD DATE:** May 2002      **COMPLETION DATE:** June 2003  
**FINAL VALUE:**     \$0-1 Mil     \$1-5 Mil     \$5-10 Mil     \$10-20 Mil  
                          \$20-30 Mil     \$30-40 Mil     \$40-50 Mil     \$50+ Mil  
**TYPE OF CONTRACT:**  Fixed Price       Cost Reimbursable

**PROJECT DESCRIPTION:**

Our subcontract consisted of the replacement of the crane rail on the south side of Dry Dock No. 1 at Norfolk Naval Shipyard. We worked closely with the facility to minimize the impact of our operations.

To replace the rail, we had to saw-cut and demolish approximately 300 cubic yards of asphalt. We then excavated approximately 3,000 cubic yards of material so that we could begin installation of concrete caps and crane rail beams. In the process, we demolished over 450 cubic yards of concrete and pulled over 500 steel and timber sheet piles.

New work consisted of pouring over 600 cubic yards of concrete, with concrete caps supported by augercast pilings. We then installed over 600 linear feet of crane rail system, including base plates, rail clips, and rail. A storm drain system was installed to minimize ponding of water in the new area. Over 1,500 square yards of asphalt were placed to complete the project.



Aerial Photo of Dry Dock No. 1 - Circled