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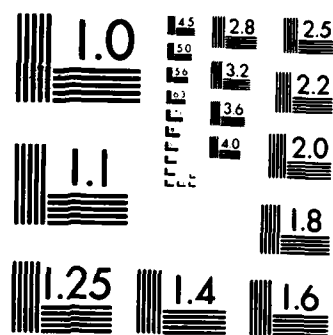
NATIONAL PROGRAM FOR INSPECTION OF NON-FEDERAL DAMS OLD  
PUMPING STATION D. (U) CORPS OF ENGINEERS WALTHAM MA  
NEW ENGLAND DIV 1984

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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18. SUPPLEMENTARY NOTES Cover program reads: Phase I Inspection Report, National Dam Inspection Program; however, the official title of the program is: National Program for Inspection of Non-Federal Dams; use cover date for date of report.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) DAMS, INSPECTION, DAM SAFETY, Middlesex County Ayer, Mass.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Old Pumping Station Dam is a stone masonry structure which impounds Cold Spring Brook, forming Balch Pond. Balch Pond has a storage capacity of 60+ a-f at elevation 126, top of dam. The dam has a small size classification and a low hazard potential.		

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MIDDLESEX COUNTY  
AYER, MASSACHUSETTS

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OLD PUMPING STATION DAM  
MA-00135



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NATIONAL DAM INSPECTION PROGRAM  
CORPS OF ENGINEERS

A-1

## OLD PUMPING STATION DAM

Identification No.: MA 00135  
Stream: Cold Spring Brook  
Town: Ayer  
County and State: Middlesex County, Massachusetts

The Old Pumping Station Dam, a stone masonry structure, is owned by the Town of Ayer. It impounds Cold Spring Brook, forming Balch Pond. Balch Pond has a storage capacity of 60± a-f at elevation 126, top of dam. Inflow to Balch Pond from Flannagan Pond and Snady Pond is restricted by railroad and roadway embankment culverts.

According to Corps guidelines, this dam has a small size classification and a low hazard potential. There are no habitable structures near the Cold Spring Brook which could be damaged by the maximum failure outflow of 575 cfs. The downstream brook channel and flood plains would easily dissipate this flow.

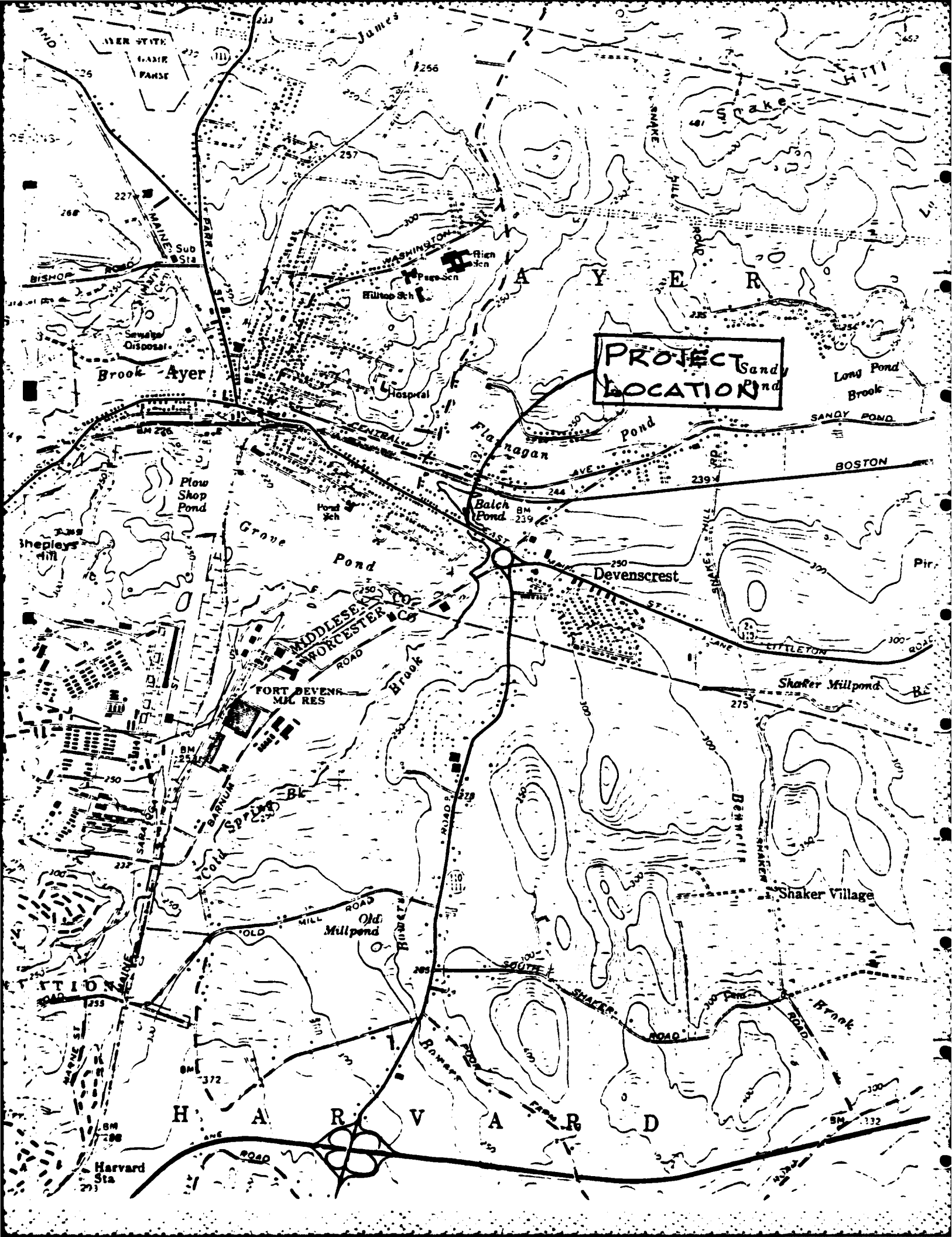




PHOTO NO. 1 - This photograph shows the inlet (East Main Street Bridge) to the upstream outlet channel, which leads to the dam. The dam is about 50 feet downstream of this roadway embankment, and natural ground area.

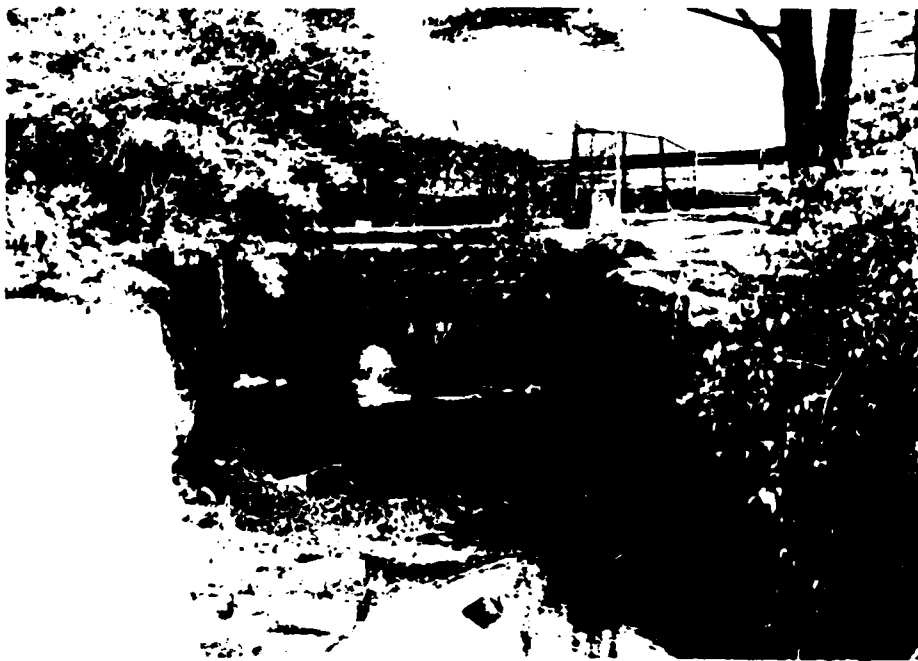


PHOTO NO. 2 - This photograph shows the downstream face of the stone masonry dam. Its dimensions are 15± feet long by 8± feet high. The area adjacent to the downstream brook channel is undeveloped except for several roads.



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