BAYONNE BRIDGE
Bayonne
Hudson Co., New Jersey

HAER NO. NJ-66

HAER
NJ
9-BAYO,

PHOTOGRAPHS
WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
NATIONAL PARK SERVICE
Department of the Interior
P.O. Box 37127
Washington, D.C. 20013-7127
STATE: New Jersey  COUNTY: Hudson  TOWN OR VICINITY: Bayonne

HISTORIC NAME: Bayonne Bridge

COMPLETE ADDRESS: Spans Kill Van Kull between Bayonne, NJ and Port Richmond, Borough of Staten Island, New York


SIGNIFICANCE: (TECHNOLOGICAL AND HISTORICAL, INCLUDE ORIGINAL USE)
(1) World's longest steel bridge for nearly half a century
(2) First use of manganese steel (for main arch ribs and rivets)
(3) Use of falsework for construction of an arch span of this size never previously done

STYLE: (IF APPROPRIATE)

MATERIAL OF CONSTRUCTION: (INCLUDE STRUCTURAL SYSTEMS)  steel

SHAPE AND DIMENSIONS: (SKETCHED FLOOR PLANS ON SEPARATE PAGES ARE ACCEPTABLE)  height of arch above water at crown - 32'; 1675 feet - length of span; width of bridge - 85 feet; channel clearance at midspan - 150 feet

EXTERIOR FEATURES OF NOTE: aesthetically pleasing arch

INTERIOR FEATURES OF NOTE: (DESCRIBE MECHANICAL SYSTEMS, MACHINERY OR EQUIPMENT)

MAJOR ALTERATIONS AND ADDITIONS WITH DATES

PRESENT CONDITION AND USE: excellent vehicular traffic

OTHER INFORMATION AS APPROPRIATE
American Society of Civil Engineers' Landmark

OFFICIAL OF INFORMATION: (INCLUDING LISTING ON NATIONAL REGISTER, PROFESSIONAL ENGINEERING SOCIETY LANDMARK DESIGNATIONS, ETC.)
All information taken from American Society of Civil Engineers' Nomination Form (which is included in Field Records).

COMPILER, AFFILIATION: Bill Lebovich, HAER

DATE: May 21, 1987