BAYONNE BRIDGE
Bayonne
Hudson Co., New Jersey

HAER NO. NJ-66

HAER
NJ
9-BAYO,
1-

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

United States Department of the Interior
National Park Service
Washington, D.C. 20240

HISTORIC AMERICAN ENGINEERING RECORD
SITE DATA FORM

HAER NJ, 9-BAYO 1-

STATE	COUNTY	TOWN OR VICINITY
New Jersey	Hudson	Bayonne

HISTORIC NAME: Bayonne Bridge

HAER NO.: NJ-66

SECONDARY OR COMMON NAMES

COMPLETE ADDRESS (DESCRIBE LOCATION FOR RURAL AREAS)
Spans Kill Van Kull between Bayonne, NJ and Port Richmond, Borough of Staten Island, New York

DATE OF CONSTRUCTION: completed 1931

ENGINEER, BUILDER, OR FABRICATOR
Chief Engineer-O.H. Ammann, Consulting Architect-Cass Gilbert
Consulting Engineer- George W. Goethals

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)
1675 feet-length of span; width of bridge-85 feet; channel clearance at midspan-150 feet; height of arch above water at crown-325

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's Landmark

SOURCES 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	DATE
Bill Lebovich, HAER	May 21, 1987