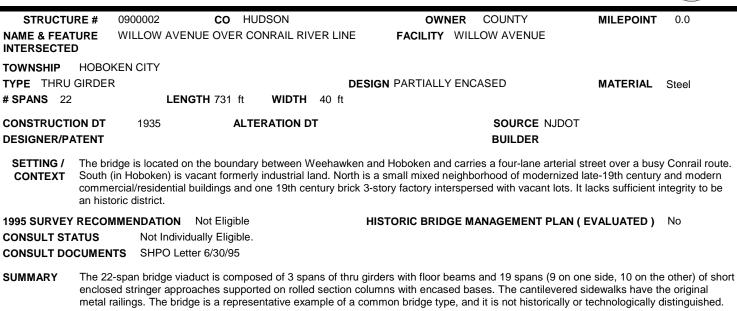
### BUREAU OF ENVIRONMENTAL SERVICES

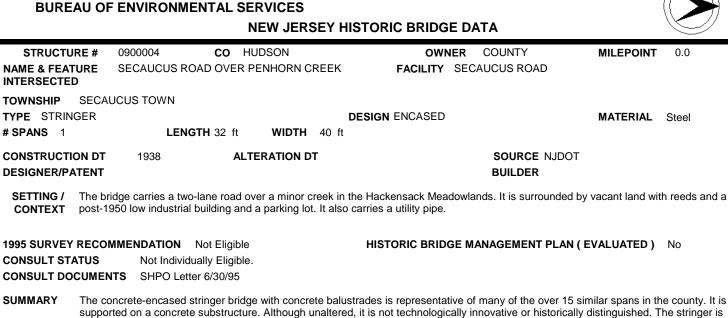
NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 26:5,6,7 (05/12/91)

REVISED BY (DATE):



INFOR MATION

PHOTO: 25:14-16 (05/17/91)

the most common pre-World War II bridge type in the state.

REVISED BY (DATE):

### BUREAU OF ENVIRONMENTAL SERVICES

### **NEW JERSEY HISTORIC BRIDGE DATA**

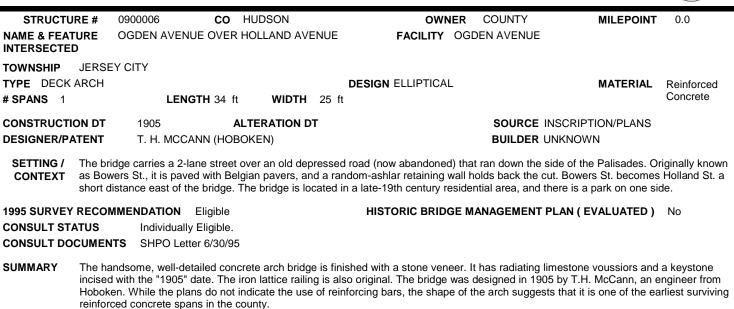
								$\sim$
STRUCTU NAME & FEA INTERSECTE	TURE .	0900005 I F KENNEDY E CLIFF		IUDSON D EAST OVER CLEFT IN	OWNER N FACILITY JF	COUNTY K BOULEVARD EAST	MILEPOINT	0.0
TOWNSHIP TYPE CLOS # SPANS 1		WKEN TOWNS DREL ARCH LENG	HIP <b>TH</b> 60 ft	DES WIDTH 50 ft	IGN ELLIPTICAL		MATERIAL	Reinforced Concrete
CONSTRUCTION DT1915DESIGNER/PATENTUNKNOWN			AL	LTERATION DT SOURCE NJDOT BUILDER UNKNOWN				
SETTING / CONTEXT	rises a la	rge 1920s apart	ment hous	e; other apartment house	s of the same era are	ades and over a fissure in e nearby. To the east of th eel stairway descends the	e bridge is a 15	i0' rock cliff, at
1995 SURVEY CONSULT ST CONSULT DO	ATUS	Not Individu			IISTORIC BRIDGE	MANAGEMENT PLAN ( E	EVALUATED )	No
SUMMARY	cliff of the	e Palisades. It is	s an unado	ned utilitarian structure. T	he structure is open	b essentially to fill in a deploy on one side only. A plain not technologically innova	concrete parap	

INFOR MATION

PHOTO: 23:36-39;2s (05/28/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



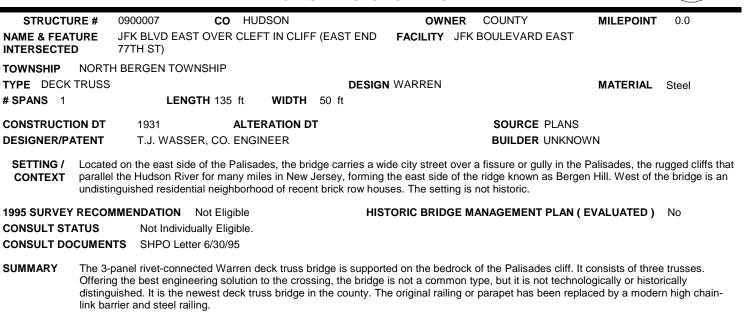
INFOR MATION

PHOTO: 26:18-21,2s (05/12/91)

REVISED BY (DATE):

### BUREAU OF ENVIRONMENTAL SERVICES

#### **NEW JERSEY HISTORIC BRIDGE DATA**



INFOR MATION

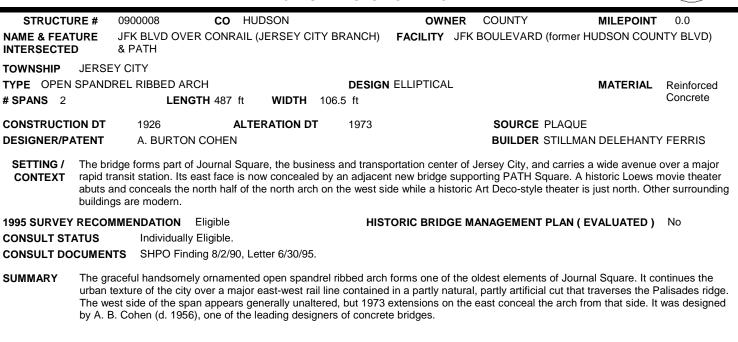
PHOTO: 23:27-28,40 (05/28/91)

REVISED BY (DATE):

QUAD: Central Park

### BUREAU OF ENVIRONMENTAL SERVICES

#### **NEW JERSEY HISTORIC BRIDGE DATA**



INFOR MATION

PHOTO: 22:2,4-5 (04/26/91)

REVISED BY (DATE):

### BUREAU OF ENVIRONMENTAL SERVICES

**NEW JERSEY HISTORIC BRIDGE DATA** 



									$\sim$
STRUCTU	RE #	0900010	CO HU	DSON		OWNER	COUNTY	MILEPOINT	0.0
NAME & FEAT	•··-	NELSON AVEN	UE OVER SE	CAUCUS R	OAD	FACILITY N	ELSON AVENUE		
TOWNSHIP	NORTH	BERGEN TOW	NSHIP						
TYPE DECK	GIRDER				DESIGN			MATERIAL	Steel
<b>SPANS</b> 1		LENC	<b>5TH</b> 65 ft	WIDTH	40 ft				
CONSTRUCTIO	ON DT	1920	ALTE	RATION DT			SOURCE NJDC	DT	
DESIGNER/PA	TENT	UNKNOWN					BUILDER UNK	NOWN	
SETTING / CONTEXT	northeas	t corners of the	bridge. The c	ther building	s around it are	orimarily moderi	Oth-century apartment nized late-19th century e west side of Bergen	rowhouses with ne	w siding an
1995 SURVEY	RECOM	MENDATION	Not Eligible		HIST	ORIC BRIDGE	MANAGEMENT PLAN	N(EVALUATED)	No
CONSULT STA	ATUS	Not Individ	ually Eligible.						
CONSULT DO	CUMENT	SHPO Lett	er 6/30/95						
SUMMARY	historica	Ily distinctive. T	he upper port	on of the gird	ders are encase	ed to form a curb	ative example of its typ b, and the cantilevered r spans in the county.		

INFOR MATION

PHOTO: 26: 32-36 (05/17/91)

REVISED BY (DATE):

### BUREAU OF ENVIRONMENTAL SERVICES

**NEW JERSEY HISTORIC BRIDGE DATA** 



The Bergen Avenue bridge carries a city street over a mile-long double-track cut built in 1869 for the Newark & New York Railroad through Bergen Hill, a long ridge separating the waterfront of Hudson County from the land to the west. The Newark & New York Railroad was built to give the shortest, fastest route between Newark and the Central Railroad of New Jersey (CNJ) ferry terminal at Communipaw. The line was built for and operated by the CNJ. In the 1920s, 38 daily local passenger trains traversed this route, which serviced four passenger stations in its mile-long roadway through Jersey City. Passenger service ended in 1948, and the line was single-tracked and used for freight only (Trains, p. 52). When Conrail took over the CNJ's property in 1967, the line became known as the West Side Avenue Branch. It was abandoned by Conrail in the mid-1980s.

PHOTO: 28:4-6;29:3-6;3 (05/31/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA



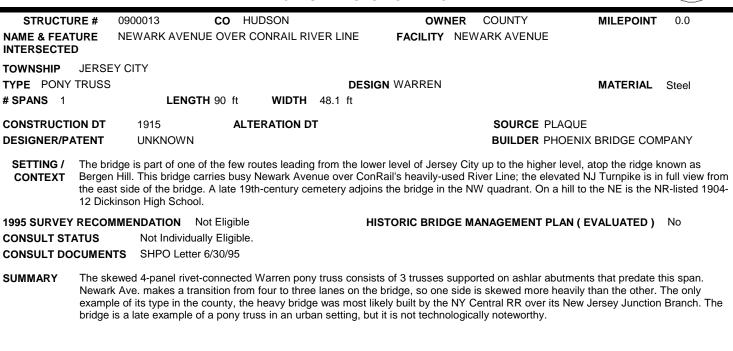
STRUCTUR	RE #	0900012	CO HUI	DSON		OWN	NER	COUNTY	MILEPOINT	0.0
NAME & FEAT		MARTIN LUTHE (CENTRAL RR C	-	'E OVER CC	NRAIL	FACILITY	MAR	TIN LUTHER KING E	DRIVE (JACKSOI	NAVENUE)
TOWNSHIP	JERSE	Y CITY								
TYPE STRING	GER				DESIG	<b>SN</b>			MATERIAL	Steel
# <b>SPANS</b> 1		LENG	<b>TH</b> 68 ft	WIDTH	34 ft					
CONSTRUCTIO	ON DT	1945	ALTE	RATION DT				SOURCE NJDOT	г	
DESIGNER/PA	TENT	UNKNOWN						BUILDER UNKNO	OWN	
CONTEXT	Ave. Br station	anch, now abando	oned. The sur beneath the b	rounding stru	uctures are n	nixed urban co	mmer	York RR, which later cial and residential, fr used as a church) ar	om 1880 to the p	resent. A
1995 SURVEY	RECON	-	Not Eligible		HI	STORIC BRID	GE M	ANAGEMENT PLAN	(EVALUATED)	No
CONSULT STA	TUS	Not Individu	ally Eligible.							
CONSULT DOC	CUMEN	TS SHPO Lette	r 6/30/95							
	earlier : building	span. In the wingv	valls are steps e associated	s that provide with a histori	ed access fro c rapid trans	om the street-le	evel st	in 1945 is supported of ation to the track side alter replacement	platform. Althoug	gh the station

INFOR MATION

PHOTO: 29: 7-11 (05/31/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 22:15-16;1s (04/26/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



OWNSHIP     KEARNY TOWN       YPE     DECK GIRDER     DESIGN       SPANS 3     LENGTH 193 ft     WIDTH 48 ft       CONSTRUCTION DT     1935     ALTERATION DT     SOURCE PLAQUE       DESIGNER/PATENT     UNKNOWN     BUILDER UNKNOWN       SETTING / CONTEXT     The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street over deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.       995 SURVEY RECOMMENDATION     Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)     No       CONSULT STATUS     Not Individually Eligible.       SONSULT DOCUMENTS     SHPO Letter 6/30/95									$\sim$
NTERSECTED       OWNSHIP       KEARNY TOWN         YPE       DECK GIRDER       MATERIAL       Steel         SPANS 3       LENGTH 193 ft       WIDTH 48 ft       SOURCE PLAQUE         SONSTRUCTION DT       1935       ALTERATION DT       SOURCE PLAQUE         DESIGNER/PATENT       UNKNOWN       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street over deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         CONSULT STATUS       Not Individually Eligible.       SHPO Letter 6/30/95       Not       Not         SUMMARY       The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	STRUCTUR	E# 090	00014	CO HU	DSON	OWN	ER COUNTY	MILEPOINT	0.0
CYPE       DECK GIRDER       DESIGN       MATERIAL       Steel         SPANS 3       LENGTH 193 ft       WIDTH 48 ft       SOURCE PLAQUE         CONSTRUCTION DT       1935       ALTERATION DT       SOURCE PLAQUE         DESIGNER/PATENT       UNKNOWN       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street over deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.       SHPO Letter 6/30/95       Not         SUMMARY       The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	AME & FEATU	JRE KE	ARNY AVE O	VER NJT BC	ONTON LINE	FACILITY	KEARNY AVEN	IUE	
SPANS 3       LENGTH 193 ft       WIDTH 48 ft         CONSTRUCTION DT       1935       ALTERATION DT       SOURCE PLAQUE BUILDER UNKNOWN         SETTING / CONTEXT       UNKNOWN       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street ove deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )         SONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95       SHOMARY         The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	OWNSHIP	KEARNY T	OWN						
CONSTRUCTION DT       1935       ALTERATION DT       SOURCE PLAQUE         DESIGNER/PATENT       UNKNOWN       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street over deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.       SOUNSULT DOCUMENTS       SHPO Letter 6/30/95         RUMMARY       The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	YPE DECK G	IRDER				DESIGN		MATERIAL	Steel
DESIGNER/PATENT       UNKNOWN       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street over deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         consult status       Not Individually Eligible.       SHPO Letter 6/30/95       Not         consult pocuments       SHPO Letter 6/30/95       SHPO Letter bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	<b>\$ SPANS</b> 3		LENGT	<b>FH</b> 193 ft	WIDTH 48 ft				
SETTING / CONTEXT       The bridge is located among undistinguished 20th century row houses and commercial buildings. It carries an important city street ove deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible         BY SURVEY RECOMMENDATION       Not Eligible         HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	ONSTRUCTIO	N DT	1935	ALTE	RATION DT		SOURC	E PLAQUE	
CONTEXT       deep railroad cut created prior to 1874; the cut was widened to allow double tracking of the railroad in 1896. The bridge is named Jone Memorial Bridge, and was dedicated to the memory of Kearny Mayor Arthur H. Jones in 1938.         995 SURVEY RECOMMENDATION       Not Eligible         995 SURVEY RECOMMENDATION       Not Eligible         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	ESIGNER/PAT	ENT	UNKNOWN				BUILDE	R UNKNOWN	
CONSULT DOCUMENTS SHPO Letter 6/30/95 The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a brance the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the	995 SURVEY F	RECOMME	NDATION N	lot Eligible	o the memory of K			NT PLAN ( EVALUATED )	No
<b>SUMMARY</b> The 3-span built-up deck plate girder bridge composed of 2 sets of girders with floor beams is supported on built-up steel bents. It has concrete balustrades with rectangular piercing. Of greater historic significance is the railroad cut the bridge crosses which was a branc the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than the				, ,					
the former Delaware, Lackawanna & Western RR. The present bridge, which is not technologically innovative, is more recent than th	CONSULT DOC	<b>UMENTS</b> The 3-span	SHPO Letter built-up deck	<sup>•</sup> 6/30/95 plate girder b					
	t	the former I	Delaware, Lac	kawanna & V	Vestern RR. The p	resent bridge, which is			

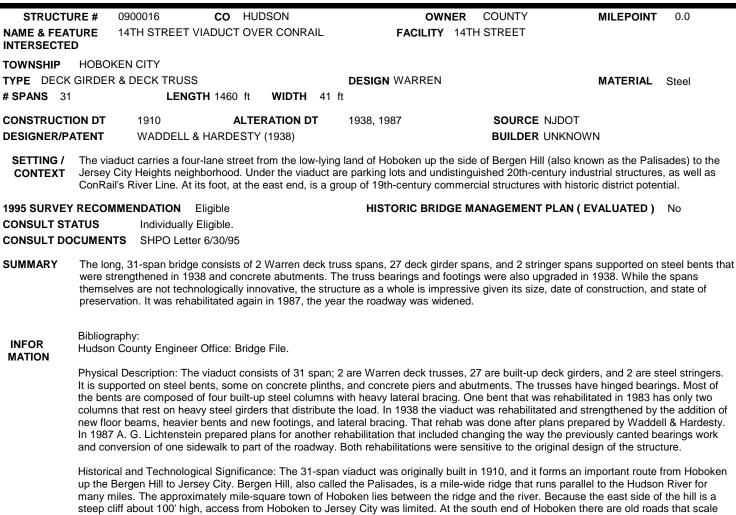
INFOR MATION

PHOTO: 20:23-29 (04/20/91)

REVISED BY (DATE):

QUAD: Orange

### NEW JERSEY HISTORIC BRIDGE DATA

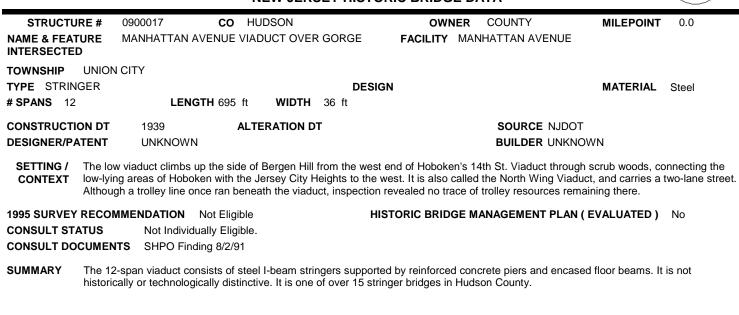


many miles. The approximately mile-square town of Hoboken lies between the ridge and the river. Because the east side of the hill is a steep cliff about 100' high, access from Hoboken to Jersey City was limited. At the south end of Hoboken there are old roads that scale the hill, but at the north end, there were none until the 14th Street viaduct was completed in 1910. Thus, in addition to its local historical significance, the viaduct is an impressive engineering solution to a difficult transportation problem, and it utilizes a variety of bridge types ion that solution. It is technologically significant. The 1938 strengthening and rehabilitation was designed by the noted consulting engineer firm of Waddell & Hardesty.

PHOTO: 26:8-12,15,30-3 (05/17/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 26:13-14,16-17 (05/12/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	RE #	0900019	CO HU	DSON	OWNER	COUNTY	MILEPOINT	0.0
NAME & FEAT	···-	WEST HUDSON	N PARK ROA	D OVER LAKE	FACILITY WE	ST HUDSON PARK	ROAD	
<b>FOWNSHIP</b> FYPE DECK		SON TOWN			DESIGN ELLIPTICAL		MATERIAL	Reinforced
<b># SPANS</b> 3		LENG	<b>TH</b> 132 ft	<b>WIDTH</b> 22	ft			Concrete
CONSTRUCT	ON DT	1911	ALTE	RATION DT	Rebuilt: 1991	SOURCE NJDC	ОТ	
DESIGNER/PA	TENT	UNKNOWN				BUILDER UNKN	NOWN	
SETTING / CONTEXT	Commis	ssion as one of a	series of par	ks in the Olmste	ial lake in a small urban park d or City Beautiful tradition. T ark. 0900020 is also in the par	he landscape archite	ect was Charles Lov	vrie, and the
1995 SURVEY	RECOM	MENDATION	Not Eligible		HISTORIC BRIDGE M	ANAGEMENT PLAN	N(EVALUATED)	No
CONSULT ST	ATUS	Not Individu	ally Eligible.					
CONSULT DO	CUMEN	SHPO Lette	er 6/30/95					
SUMMARY					ge with Arts & Crafts-style det arches and pylons were left i			

INFOR MATION

#### PHOTO: 21:8-10 (04/26/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU		MILEPOINT 0.0
NAME & FEAT		JAD
TOWNSHIP	HARRISON TOWN	
TYPE ARCH		MATERIAL Reinforced
# SPANS 1	LENGTH 72 ft WIDTH 22.7 ft	Concrete
CONSTRUCT		
DESIGNER/P/	ATENT UNKNOWN BUILDER UNKNO'	ŴN
SETTING / CONTEXT	The bridge carries a two-lane road over a 2-lane city street that divides a small urban park in two. The park Olmsted fashion, with trees on rolling grassy hills. It was completed by the Hudson County Park Commissional as landscape architect. Just outside this area of the park are undistinguished 1920s apartment buildings.	
1995 SURVEY	RECOMMENDATION Eligible HISTORIC BRIDGE MANAGEMENT PLAN (	EVALUATED) No
CONSULT ST		
CONSULT DO		
SUMMARY	The bridge is significant as a contributing element to an early 20th century park. It is an impressive examples bridge and does not attempt to imitate stone masonry. Its decoration consists of a concrete balustrade with colored tiles on its pylons. It is an elliptical barrel arch with solid spandrel walls, and is essentially unaltered to be a potential historic district because of its design and local civic history.	h oval piercing and geometric
INFOR MATION	Bibliography: Hudson County Park Commission. Second Report of the Hudson County Park Commission (covering June Jersey City Publishing Company. Hudson County Engineers Office: Plan Files.	23,1908-November 30, 1910).
	Physical Description: The handsome, well-preserved bridge is a simple elliptical reinforced concrete arch s proportions. Its adornment consists of low balustrades with oval piercing flanking the 22'-7" wide roadway. I posts. The wingwalls are topped by balustrades that match those used on the main span. The bridge appear	Faience tile accents the plain
	Historical and Technological Significance: The 1911 bridge is a contributing element in a well-preserved, hi was designed by landscape architect Charles Lowrie. The span is not technologically innovative for its time high-quality, well detailed designs the plastic qualities of concrete afforded. The bridge is located in informa Park, one of five county parks established by the Hudson County Park Commission about 1909. It was com architect Lowrie's description of West Hudson Park emphasized its woodland scenery, viewpoints, and the picturesque lake out of several ponds already on the site. Because the park was long and narrow, Lowrie for was essential to give access between the different sections. At the same time it was necessary to provide a Davis Avenue, the road the bridge crosses. To keep Davis Avenue from disrupting the park, the park road of for the bridge were located, so it is not known who designed the handsome arch bridge.	e, but it is representative of the ally landscaped West Hudson npleted in 1911. Landscape opportunity to create a elt a direct driveway through it a transverse street, which is

West Hudson Park ranks with Bayonne Park (completed about 1916) as the two most noteworthy of the original five parks. Both were important civic projects, and both retain their original planting schemes to a large extent. They also share a common design element of having bridges as prominent landscape features. Another bridge in West Hudson Park that was an original feature was rebuilt in 1991-1992. It no longer retains its historic design, so it is not a contributing resource (0900019).

PHOTO: 21:5-7 (04/26/91 JPH (5/96))

REVISED BY (DATE):

QUAD: Orange

### NEW JERSEY HISTORIC BRIDGE DATA



			=.					$\sim$
STRUCTU		0900022	CO HUDS		OW	NER COUNTY	MILEPOINT	0.0
NAME & FEAT		BAYONNE PARK	ROAD OVER	PARK FOOTPATH	FACILITY	BAYONNE PARK ROA	νD	
OWNSHIP	BAYON	NE CITY						
TYPE ARCH				DES	GN BARREL		MATERIAL	Reinforced
# <b>SPANS</b> 1		LENGTH	1 24 ft	<b>WIDTH</b> 30.2 ft				Concrete
CONSTRUCTIO	ON DT	1916	ALTERA	TION DT		SOURCE NJD	ОТ	
DESIGNER/PA	TENT	UNKNOWN				BUILDER UNK	NOWN	
SETTING / CONTEXT	Park Co	mmission in 1916.	It was landsca		rles Lowrie. Ba	landscape of a large park yonne Park is one of the		
1995 SURVEY	RECOM	MENDATION Eli	gible	F	ISTORIC BRID	DGE MANAGEMENT PLA	N ( EVALUATED )	No
CONSULT STA	ATUS	Not Individual	y Eligible. Pote	ential Park Historic D	istrict. Contrib	uting.		
CONSULT DO	CUMENT	SHPO Letter (	03/12/01					
SUMMARY	plan for preserve for listin	a large urban park ed county park is hi g in the National Re	in the Olmstee storically signi egister, but wo	d tradition. It is an elli ificant as part of an a	ptical arch with mbitious 5-parl element of an	h bridge, designed as an i solid spandrels and quat project from the 1910s. T urban park historic district	refoil-pierced balusti The bridge is not ind	rades. The we ividually eligit
INFOR			on County Pa	rk Commission. 1910	(covering the	period from June 23, 1908	3-November 30, 191	0). Jersey Cit
	and 30'					closed spandrel, reinforce ete parapets with quatrefo		
	as an or urban pa Olmsted and land were loc	iginal element in a arks established ab I style by landscape Iscape architecture ated, so the design	locally significa out 1910 by th a architect Cha history. The b her is not know	ant, picturesquely lar le Hudson County Pa arles Lowrie. The parl bridge is an integral d	dscaped urban rk Commission ( is well presen esign element i oncrete arch bi	1916 reinforced concrete a park. Bayonne Park, con l. It is one of two of those ved and is evaluated as si n the park, and it too is w ridges in the potential histo	npleted in 1916, is o parks that was desig ignificant because of ell preserved. No pla	ne of the five gned in the f its local civic ans for the spa

Boundary Description and Justification: The bridge is located within an urban park that appears to have the history and integrity of original design to meet the criteria for inclusion in the National Register. Thus the bridge and its immediate setting are evaluated as significant.

PHOTO: 201:22-24 (06/07/91 JPH (5/96))

REVISED BY (DATE):

### **NEW JERSEY HISTORIC BRIDGE DATA**



						EDATA			$\boldsymbol{\boldsymbol{\mathbb{S}}}$
STRUCTU	JRE #	0900023	CO HUDSON		OWN	IER COUNTY	MIL	EPOINT	0.0
NAME & FEA INTERSECTE	-	BAYONNE PARK RC	DAD OVER PARK F	OOTPATH	FACILITY	BAYONNE PAR	K ROAD		
TOWNSHIP	BAYO	NNE CITY							
TYPE ARCH	ł			DESIG	N ELLIPTICA	L	MAT	FERIAL	Reinforced
# <b>SPANS</b> 1		LENGTH 2	24 ft WIDTH	29.7 ft					Concrete
CONSTRUCT	ION DT	1916	ALTERATION D	т		SOURC	E NJDOT		
DESIGNER/P	ATENT	UNKNOWN				BUILDE	R UNKNOWN		
SETTING / CONTEXT	Park C	dge carries a two-lane ommission in 1916 and icted as part of the City	d landscaped by arc	hitect Charles I	Lowrie. Bayon	ne Park is one of	the five major Hud	lson Cour	nty parks
1995 SURVEY		IMENDATION Eligit	ble	HIS	TORIC BRID	GE MANAGEMEI	NT PLAN ( EVALU	IATED )	No
CONSULT ST	ATUS	Individually Eligi	ble. Potential Park H	listoric District.	Contributing.		-	-	
CONSULT DO	DCUMEN	TS SHPO Letter 6/3	80/95						
SUMMARY	for a la open s	an is an attractive exai rge urban park in the C pandrel arch. Ornamer uished and is also loca	Dimsted tradition. Al ntal geometric color	though it is in fa ed tiles are set i	act a closed s	pandrel arch, it ha	is a graceful blind a	arcade to	imitate an
INFOR MATION		raphy: I Report of the Hudson I Company.	o County Park Comr	nission. 1910 (c	covering the p	eriod from June 2	3, 1908-November	r 30, 1910	). Jersey City
	a grace limits o	al Description: The wel oful blind arcade to sug f the span. The concre s the plastic medium of	gest an open spand te parapet is set be	Irel arch bridge.	Faience tile s	set in a geometric	pattern accents th	e posts th	nat mark the
	as an o urban p Olmste and lar associa were lo	cal and Technological S riginal element in a loc parks established abou d style by landscape a dscape architecture hi ative significance with t cated, so the designer al historic district (0900	cally significant, pict It 1910 by the Hudso Irchitect Charles Lov Istory. The bridge is the park, the bridge is not known. It is c	uresquely lands on County Park vrie. The park is an integral des is individually d	scaped urban Commission. s well preserve ign element in istinguished a	park. Bayonne Pa It is one of two o ed and is evaluate the park, and it t s a well-designed	ark, completed in 1 f those parks that we ad as significant be oo is well preserve example of its typ	916, is on was desig ecause of ed. In addi e. No plar	e of the five ned in the its local civic tion to ns for the span

Boundary Description and Justification: The bridge is located within an urban park that appears to have the history and integrity of original design to meet the criteria for inclusion in the National Register. Thus the bridge and its immediate setting are evaluated as significant.

PHOTO: 28:33-35 (06/07/91)

REVISED BY (DATE):

QUAD: Jersey City

### NEW JERSEY HISTORIC BRIDGE DATA



							~		
STRUCTU		900024	CO HUDSO		OW		OUNTY	MILEPOINT	0.0
NAME & FEAT		AYONNE PARK	( ROAD OVER F	PARK FOOTPATH	FACILITY	BAYON	INE PARK ROAD		
TOWNSHIP	BAYONN	E CITY							
TYPE ARCH					GN ELLIPTICA	L		MATERIAL	Reinforced Concrete
# SPANS 1		LENGT	TH 24 ft V	VIDTH 30 ft					Concrete
CONSTRUCTI	ON DT	1916	ALTERA	TION DT			SOURCE NJDOT		
DESIGNER/PA	ATENT	UNKNOWN					BUILDER UNKNO	WN	
SETTING / CONTEXT	County Pa	ark Commission	in 1916 and lan	ver a paved park foot dscaped by architect utiful movement of the	Charles Lowrie	. Bayonr			
1995 SURVEY	RECOMM	ENDATION E	ligible	Н	STORIC BRID	GE MAN	AGEMENT PLAN (	EVALUATED)	No
CONSULT ST	ATUS	Not Individua	ally Eligible. Pote	ential Park Historic Di	strict. Contribu	ting.			
CONSULT DO	CUMENTS	SHPO Letter	03/12/01						
SUMMARY	plan for a concrete approach	large urban par balustrade with o es. The bridge is	k in the Olmsted quatrefoil piercin s not individually	an early-20th century tradition. It is a well- g and colored geome eligible for listing in t ultiple Property listing	proportioned el etric tiles set inte he National Re	iptical ar o excedr gister, bu	ch with solid spand ae projecting from the twould be a contribution	rels. Decoration on the parapets of the puting element of	consists of a
INFOR MATION	Bibliograp Second R Printing C	eport of the Hud	lson County Par	k Commission. 1910	(covering the p	eriod froi	m June 23, 1908-No	ovember 30, 1910	)). Jersey City
	and 30' wi	ide. Its decoratio	on consists chief	ed pedestrian bridge i ly of the concrete bal looks) at the approac	ustrades with q	uatrefoil-	shaped piercing and		
	as an orig urban par Olmsted s and lands	inal element in a ks established a style by landscap cape architectur	a locally significa bout 1910 by the be architect Cha	The handsome, well int, picturesquely land e Hudson County Par rles Lowrie. The park ridge is an integral de n.	dscaped urban k Commission. is well preserve	park. Bag It is one ed and is	yonne Park, comple of two of those part evaluated as signif	ted in 1916, is or ks that was desig icant because of	ne of the five ned in the its local civic

Boundary Description and Justification: The bridge is located within an urban park that appears to have the history and integrity of original design to meet the criteria for inclusion in the National Register. Thus the bridge and its immediate setting are evaluated as significant.

PHOTO: 201: 25-27 (06/07/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	JRE #	0900025	<b>со</b> н	UDSON		OWN	IER	COUNTY	MILEPOINT	0.0
NAME & FEAT		JFK BOULEV	ARD EAST O	/ER FISSUR	E IN CLIFF	FACILITY	JFK	BOULEVARD EAST		
TOWNSHIP	GUTTE	NBERG TOWN	١							
<b>FYPE</b> ARCH					DESIC	GN BARREL			MATERIAL	Concrete
# SPANS 1		LEN	I <b>GTH</b> 65 ft	WIDTH	50 ft					
CONSTRUCTI	ON DT	1920	ALT	ERATION D	т			SOURCE NJDOT		
DESIGNER/PA	ATENT							BUILDER		
1995 SURVEY		MENDATION	Not Eligible dually Eligible		н	STORIC BRIDO	GE M	ANAGEMENT PLAN (	EVALUATED )	No
CONSULT DO			tter 6/30/95							
SUMMARY	sidewalk there is	are supported	d by a segmer at one is on a	ntal arch of co bridge. As a	oncrete, possi result no effo	bly unreinforceo rt was made to	l. The	nalf of the roadway whil a arch can be seen only tify the bridge in any wa	from far below;	from the stree
INFOR										

MATION

PHOTO: 23:29-30,41;1s (04/28/91)

REVISED BY (DATE):

### **NEW JERSEY HISTORIC BRIDGE DATA**

							<u> </u>
STRUCTU	JRE #	0901150	CO HUD	SON	OWNER	NJDOT	MILEPOINT 84.3
NAME & FEA		US 1&9 PULAS MEADOWS	SKI SKYWAY O	VER HACKENSACK	FACILITY US	1&9	
OWNSHIP	JERSE	Y CITY					
YPE CANT	ILEVER <sup>-</sup>	THRU TRUSS		DESI	<b>GN</b> PRATT		MATERIAL Steel
<b>\$ SPANS</b> 45	5	LEN	GTH 14900 ft	WIDTH 47 ft			
ONSTRUCT	ION DT	1932	ALTER	ATION DT		SOURCE NJE	ООТ
DESIGNER/P	ATENT	NJ STATE	HIGHWAY DEF	РТ.		BUILDER FOU	UR CONTRACTORS
995 SURVEY			Eligible	route. The Skyway is a <b>H</b>		5	<b>AN(EVALUATED)</b> Yes
CONSULT ST	ATUS	Individuall	y Eligible. US Ro	outes 1&9 Historic Distr			. ,
CONSULT DO		TS SHPO Fin	ding 09/11/91, L	etter 03/12/01.	C C		
SUMMARY	The ele	vated continuou				- to all h factorization for the	

INFOR MATION

PHOTO: 203:12A-14A (08/16/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCT	URE #	0902150	CO HUI	DSON		OWN	ER	NJDOT	MILEPOINT	54.75
NAME & FEA		US 1&9 OVER	NJ TRANSIT N	IORRISTOWN	LINE	FACILITY	US 1	&9 (TONNELE AVE	NUE)	
TOWNSHIP	JERSE	Y CITY								
TYPE STRI	NGER				DESIGN	ENCASED			MATERIAL	Steel
<b># SPANS</b> 3		LEN	<b>GTH</b> 109 ft	<b>WIDTH</b> 50	ft					
CONSTRUCT	ION DT	1938	ALTE	RATION DT				SOURCE NJDOT	г	
DESIGNER/P	ATENT	NJ STATE	HWY DEPT B	RIDGE DIV				BUILDER		
SETTING / CONTEXT	for com	muter service c	irca 1930. The s	surrounding cor	mmercial neig	ghborhood is	undi	e former main line of stinguished, except S &9 at this point is not	St. Peters Cemete	ry, with many
1995 SURVE		IMENDATION	Not Eligible		HIST	ORIC BRIDG	EM	ANAGEMENT PLAN	(EVALUATED)	No
CONSULT ST	TATUS	Not Individ	dually Eligible. D	elaware, Lacka	awanna & We	estern Railroa	ad O	ld Main Line Historic I	District, Eligible, N	lay contribute.
CONSULT DO	OCUMEN	TS SHPO Let	ter 6/30/95, Opi	nion 09/24/96.						
SUMMARY								ring a 1930s upgradir , it is a representative		

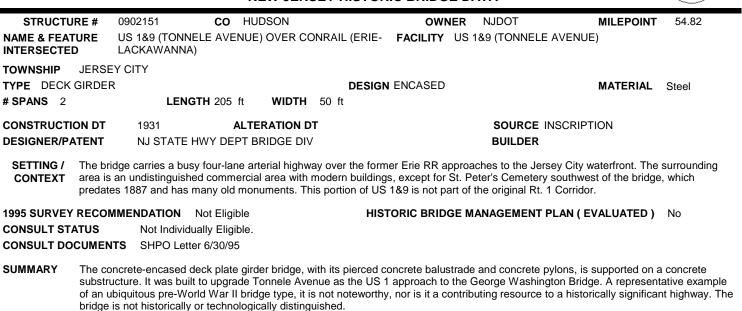
pre-World War II bridge type in the state. Although an important type, there are better examples elsewhere in New Jersey.

INFOR MATION

PHOTO: 25:26-29;21:29- (05/03/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 25:17-20;1s (05/17/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 203:1A-6A;41A-4 (07/28/91)

REVISED BY (DATE):

one of over 15 in Hudson County alone. It is not technologically innovative nor is the span of historical interest.

### **NEW JERSEY HISTORIC BRIDGE DATA**



							$\sim$	
STRUCTURE	# 0903150	CO HUDSC	N	OWNER	NJDOT	MILEPOINT	58.44	
NAME & FEATUR	RE US 1&9 (TONNE RIVER LINE	LE AVENUE) OV	ER CONRAIL	FACILITY US	1&9 (TONNELE AVENU	IE)		
TOWNSHIP N	ORTH BERGEN TOWN	ISHIP						
TYPE STRINGE	R		DESI	GN ENCASED		MATERIAL S	teel	
# SPANS 1	LENG	<b>FH</b> 69 ft <b>W</b>	<b>IDTH</b> 44 ft					
CONSTRUCTION DESIGNER/PATE	TION							
<b>SETTING /</b> The bridge carries a busy four-lane arterial highway over ConRail's River Line, formerly the West Shore Railroad. The landscape surrounding it includes an undistinguished post-WW II commercial and light industrial area to the northeast, a major rail yard to the northwest, a mobile home community to the southeast, and a campground to the southwest.								
1995 SURVEY RECOMMENDATION       Not Eligible         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95								
to		is not technologie			f an earlier span. The me f over 15 stringer spans i			

INFOR MATION

PHOTO: 203:22A,23A,25A (07/28/91)

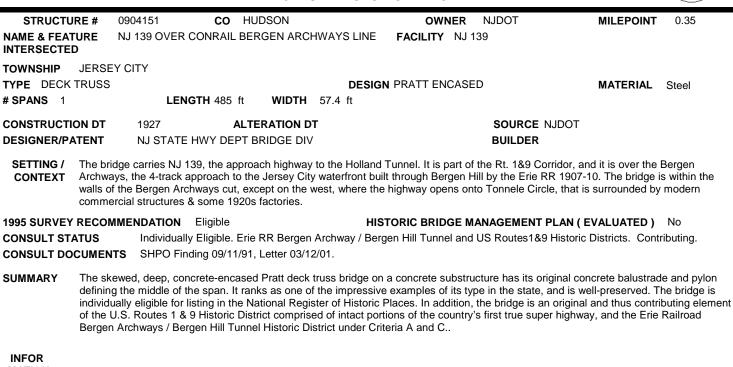
REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTURE #	0904150 <b>CO</b> HUDSO	N OWNER NJDOT	MILEPOINT 0.0							
NAME & FEATURE	JFK BLVD (NJ 501) OVER NJ 139	FACILITY JFK BOULEVA	RD (NJ 501)							
TOWNSHIP JER	SEY CITY									
TYPE STRINGER		DESIGN ENCASED	MATERIAL Steel							
# SPANS 1	LENGTH 102 ft W	IDTH 60 ft								
CONSTRUCTION D	<b>1</b> 932 <b>ALTERAT</b>	ION DT SOURC	E INSCRIBED							
DESIGNER/PATENT	NJ STATE HWY DEPT BRIDG	BE DIV BUILDE	R							
SETTING / This bridge carries JFK Boulevard (formerly Hudson Boulevard) over NJ 139, the highway approach to the Holland Tunnel. The surrounding area contains undistinguished recent commercial structures. The bridge crosses a historically and technologically important highway (US 1&9, the Holland Tunnel approach).										
1995 SURVEY REC	OMMENDATION Eligible	HISTORIC BRIDGE MANAGEME	NT PLAN (EVALUATED ) Yes							
CONSULT STATUS	Not Individually Eligible. US R	outes 1&9 Historic District, Eligible. Contributing.								
CONSULT DOCUME	ENTS SHPO Finding 09/11/91, Lette	or 03/12/01.								
com elem eligit struc	non type of bridge built in the state pri ent of historic Rt. 1, the approach to the ble for listing in the National Register o	Ind geometric pierced concrete balustrade, the bridge or to World War II. It is not technologically innovative he Holland Tunnel that is the first true limited-access f Historic Places under Criteron A. The chain link pe not a contributing resource to, the NRHP eligible Erie	e. However, it is a contributing, original highway in the United States which is destrian fence is a 1980's addition. This							
INFOR MATION	IOTO: 21: 31-32 (04/26/91)	REVISED BY (DATE):	QUAD: Jersey City							

### **NEW JERSEY HISTORIC BRIDGE DATA**



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MATION
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PHOTO: 21:33,34;25:23; (04/26/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	JRE# (	)904152	CO HU	DSON		OWI	NER	NJDOT		MILEPOINT	0.0
NAME & FEA		LOCAL STREE ROADWAY	ETS OVER NJ	139 DEPRE	SSED	FACILITY	HOB STRE	,	CENTRAL	AVE, AND OT	HER LOCAL
TOWNSHIP	JERSEY	CITY									
TYPE DECK	GIRDER				DESIG	N ENCASED				MATERIAL	Steel
# SPANS 19	00	LEN	GTH 3380 ft	WIDTH	27 ft						
CONSTRUCT	ION DT	1927	ALTE		г			SOURCE	E NJDOT		
DESIGNER/P	ATENT	NJ STATE	HWY DEPT B	RIDGE DIV				BUILDEF	R PUBLIC S	ERVICE PRO	D. CO.
SETTING / CONTEXT	Tunnel) t of the hig	hat is depress hway is the B	ne local streets ed into a cut th ergen Archways gen Hill Tunnel	rough the be s, a tunnel-c	edrock of Berg at built by the	en Hill. This s	structur	e is part of t	he historic R	outes 1 & 9 h	ighway. South
1995 SURVEY	RECOM	IENDATION	Eligible		HIS	TORIC BRID	GE MA		T PLAN ( E	VALUATED )	No
CONSULT ST	ATUS		dually Eligible.	Erie RR Ber	gen Archways	/ Bergen Hill	Tunnel	and US Rou	utes 1&9 His	toric Districts	Eligible.
CONSULT DO		Contributir S SHPO Fin	ng. ding 09/11/91,	Letter 03/12	/01						
SUMMARY	The long consists The north level that National District, c	complex spar of one encase h ends of the g t carries the lo Register of His comprised of in	n founded on so d Warren half t girders rest on a cal streets has storic Places. H	blid rock and hru truss sp a concrete r a concrete l lowever, the f the country	carrying local an carrying or etaining wall/a palustrade on bridge is an c	e side of a str outments whil he open side original, and th	reet and e the s . The b nus con	d a series of outh ends re ridge is not i htributing, ele	190 transve est on encas individually e ement of the	erse encased ed steel colur eligible for listi U.S. Routes	nns. The upper ng in the
INFOR MATION	PHOTO										

### **NEW JERSEY HISTORIC BRIDGE DATA**

STRUCTU	RE #	0904153	CO HU	DSON		OWN	IER	NJDOT	MILEPOINT	1.3
NAME & FEAT		NJ 139 EB (12TI STREET LEVEL		IADUCT) D	OWN TO	FACILITY	NJ 1	139 EASTBOUND		
TOWNSHIP	JERSE	( CITY								
TYPE DECK	TRUSS 8	LECK GIRDER	2		D	ESIGN PRATT EN	CASE	D	MATERIAL	Steel
<b># SPANS</b> 24		LENG	<b>TH</b> 1702 ft	WIDTH	48.5 ft					
CONSTRUCTIO	ON DT	1927	ALTE	RATION D	т			SOURCE NJDOT		
DESIGNER/PA	TENT	NJ STATE H	IWY DEPT B	RIDGE DIV	/			BUILDER F. SNAR	RO, INC, CONTR	RACTOR
	ramp of structure	the 1960 New Je es.	ersey Turnpik			n the south side. At	its lo	nsive Erie RR yards). A wer end, it is adjacent t	o 1920s and 193	30s industrial
1995 SURVEY		-	Eligible		l lintaria F			ANAGEMENT PLAN (	EVALUATED)	Yes
CONSULT STA		•	Eligible. US F ing 09/11/91,			District. Contributing	g.			
CONSULT DO		5 SHEO FIND	ng 09/11/91,	Letter 03/1	2/01.					
SUMMARY	structur concrete built as	e in itself. Four of e pier bents. The the approach to t	f its spans are east end cor he Holland T	e concrete- ntains concr unnel in 19	encased F ete slab s 27-1932.	Pratt deck trusses w pans. The predomin This span is individu	/hile 2 nantly ually 6	ng viaduct is a technolog 20 spans are encased d 7 elevated Rt. 1&9 is An aligible for listing in the l ic District under Criteria	leck girders on s nerica's first sup National Registe	steel and ber highway,

MATION

PHOTO: 25:32-35;27:8-1 (05/17/91)

REVISED BY (DATE):



		N	EW JERSEY HIS	TORIC BRIDGE DATA		Ľ,
STRUCTU	JRE # 0	905150 <b>CO</b> HU	DSON	OWNER NJDOT	MILEPOINT	0.0
NAME & FEAT	TURE C	ENTRAL AVENUE OVER U	IS 1&9T	FACILITY CENTRAL AVEN		
TOWNSHIP	KEARNY	TOWN				
TYPE STRIN	IGER		DI	ESIGN ENCASED	MATERIAL	Steel
<b># SPANS</b> 2		LENGTH 114 ft	<b>WIDTH</b> 50.3 ft			
CONSTRUCT	ON DT	1938 <b>ALTE</b>	RATION DT	SOURCE	INSCRIPTION	
DESIGNER/P	ATENT	NJ STATE HWY DEPT B	RIDGE DIV	BUILDER	ł	
SETTING / CONTEXT				a busy arterial route to Jersey City and s interspersed unmaintained vacant la		ocated in an
1995 SURVEY	RECOMM	ENDATION Not Eligible		HISTORIC BRIDGE MANAGEMEN	T PLAN ( EVALUATED )	Νο
CONSULT ST		Not Individually Eligible.				
CONSULT DO	CUMENTS					
SUMMARY	and built b	by the state in the 1930s. Th	e encasing was to pr	ades and a concrete substructure is rootect the steel from deterioration. The ger bridges in Hudson County.		
<b>INFOR</b> MATION	Freeman, Society, p 1930, pp. "New Jers Physical I The appro- between it with flat to The bridge skewed to The Pratt going from chain susy of the cha the top sh Historical 1929-193 <sup>2</sup> condition. the Hacke	ports of the NJ State Highw Leslie E. : "The New Jersey p. 100-159. "Two heavy spa 778-780. Bey State Highway Departme Description: The 2169'-long I bach spans consist of two ca is neighbors, a fixed tower to p chord, another fixed tower a, which originally carried a o give maximum channel wid thru truss lift span has the lin the house to both towers. I bended from the counterwei in is directly suspended from eaves. and Technological Significa 1, is a large and complete ei Its design and construction in sack River west from Jerse	A A A A A A A A A A A A A A A A A A A	ortation Company" in bulletin no. 88 o to complete Hackensack River bridges Bridge Route No. 10", May 1929 bridge ertical lift span with several approach s russes, one modified thru Pratt truss e Pratt form whose top chord rises from girder spans forming the west approac racks, crosses the river at an angle, ar perator's house located on the lift spa changing weight of the cable support ts other end to the towers at about mi counterbalancing the additional weight dge, named for H. Otto Wittpenn, me entury movable bridge technology that number of difficult engineering proble in the old Newark Turnpike, and the Be	" in Engineering news - Re ge drawings in microfilm, 0 spans. The lift span towers span acting as a continuou a portal to tower face, a Pra ch. The piers are reinforced in the towers of the vertical n itself, with uphaul and do ed by the lift span consists d-height. As the span rises of cable between the cour mber of State Highway Cour remains essentially in its ms. One of only two road of elleville Turnpike, another of	ecord. Nov. 1, 9904. are skewed. Is span att lift span d concrete. al lift are ownhaul cables of a heavy s less and less interweight and mmission original crossings of old road,
	charter wa charter wa The bridge the Turnpi Co.) built a remains to The route expansion Tunnel, w automobili of the Pula	as given to "The Proprietors as bought out by the New Je e was rebuilt more than once ike alone to cross on the old a second bridge so that it co this day, though the bridge across the bridge and on we of state highways (Annual est through Kearny, Harrison e age the traffic across this aski Skyway.	of the Bridges over the rsey Railroad & Trans e, and was a wooden bridge. In 1886 the F uld use one for passe s have been rebuilt si est via the Belleville T Report 1927, p. 403). n, northern Newark, a bridge increased grea	urnpike was designated as Route 10 ( Its purpose was to take traffic from Je nd on west to intersect Rt 6 (now NJ 4 tly in the 1920s, although after 1932 if	build a bridge at this locat s could share the bridge wi railroad built a separate bri he New Jersey Railroad & T Freeman, 1953). This arra (later changed to Route 7) rrsey City, including from th 16) near Dover (Morris Cou t declined for a time, due to	tion. The ith the road. idge, leaving Transportation ngement in the 1927 ne Holland inty). In the o the opening
	In 1926 th	e U.S. War Department req	uired the NJ State Hig	hway Department to replace the swin	g bridge in order to permit	35' vertical

clearance when the bridge was in the closed position. This meant constructing a new bridge parallel to the old one so as not to block the highway during construction. The approaches also had to be raised to provide for the new, higher vertical clearance. In addition the channel was to be relocated to the easterly side of the river while the previous channel had been on the west side. This meant that the construction of the new bridge had to proceed without the spans over the old channel so the latter could continue in service while the new channel was being prepared. Those spans, which were deck girders, were floated into place over a weekend when the channels could be closed temporarily during the final phase of construction. At this time the old bridge's fixed spans over the new channel were removed (Eng. News-Record, pp. 778-780).

Meanwhile the Pennsylvania RR was also required to modify, its two bridges in the vicinity. An agreement was reached with the railroad

### NEW JERSEY HISTORIC BRIDGE DATA



that one of the railroad bridges (carrying a freight line) would be built parallel and adjacent to the Highway bridge, and that to save on the cost one set of piers would be built to carry both bridges, the costs of the piers to be divided proportionately. The railroad followed essentially the same procedure for floating the new spans into place and removing the old spans, at the same time (Eng. News-Record, 778-780; Annual Report 1927, p. 403). The highway was opened for traffic on Nov. 5, 1930, and the previous bridge was removed (Annual Report, 1930, p. 480, 483).

W.J. Sloan was chief engineer for the State Highway Department, and he gave final approval to all plans for the bridge while Sigvald Johannesson was the "engineer of design," according to Engineering News-Record. Consulting engineers for the lift bridge portion were Harrington, Howard and Ash of Kansas City and New York. The firm was noted for its vertical lift bridges, and they designed many in the state built between 1925 and 1942. The contractor for the bridge superstructure (river spans and east approach) were Stroebel Steel Construction Co. (1929 AR, p. 527). It was fabricated by Mt. Vernon Bridge Co. (Ohio).

PHOTO: 21:13-15;27-34 (04/26/91)

REVISED BY (DATE):

### **NEW JERSEY HISTORIC BRIDGE DATA**



STRUCTU	JRE #	0905151	CO	HUDS	ON			OWNER	RAILROAD	MILEPOINT	1.2
NAME & FEA	TURE	CONRAIL	MEADOWS	BRANCH	1 OVEF	R US 1&	9T		NRAIL MEADOWS E		
TOWNSHIP	KEAR	NY TOWN									
TYPE THRU	GIRDE	२				I	DESIGN			MATERIAL	Steel
<b># SPANS</b> 2		I	LENGTH 197	lft <b>\</b>	NIDTH	12.6 f	t				
CONSTRUCT		1918-p	post	ALTERA	TION D	т				RNAL REFERENCE RICAN BRIDGE CO	
SETTING / CONTEXT	and ov	ergrown vac	ant land. A n	nodern fire	ehouse i	s to the	northeas	t. It is the souther	oute, in an area of s rnmost of two closely as well as the eastb	y spaced spans tha	t originally
1995 SURVEY							HIST	ORIC BRIDGE M	ANAGEMENT PLA	N ( EVALUATED )	No
CONSULT ST			dividually Eli	0							
CONSOLI DO				55							
SUMMARY	girder service	ends. It has e the WW I f	a ballasted d ederal shipya	eck. Not o ard. The ya	original t ard has	o this lo been ree	cation, th develope	e bridge was mo	ubstructure and deco ved here for the rail etain its historic chara guished.	spur which was buil	t quickly to
INFOR MATION	Parsor	orary bridge							Vol. 81, pp. 538-39. e. Newark, NJ: New (	Jersey State Cham	ber of
	loads a about ( carryin bridge arterial	and has a ba 5-8 ft. above g an industri carries an in highway. Th	llasted deck. the deck of t al rail siding. dustrial bran	The pier a he bridge The bridg ch of the f igs were c	and abu ; these f ge is an a former P priginally	tments a our pylo apparen Pennsylv	are of cor ns serve tly unalte ania RR	ncrete. The sides no functional pur red example of th over what was the	al span of 191 ft. The of the abutments co pose and are decora he thru girder type as en called the Lincoln sack Meadows, but b	ontinue up in concre ative features unusu s built by and for a r Highway, now US	ete pylons ual for a bridge ailroad. The 1&9T, a busy
	Kearny include facility,	v, a 160-acre ed a number	e facility inten of large brick eved its histor	ded to pro buildings	duce la a few h	rge num undred	bers of o feet soutl	cean-going cargo	y construction of the o vessels to assist th lighway. Some of the served, and does not	e war effort in WW ese buildings remai	I. The facility n, but the
	1836, a span th filled in	and it ran alc ne canal as v . Presently a	ong the south well as the ea a billboard sta	side of th Istbound la Ands just e	e Lincol anes of east of tl	n Highw the high he bridg	ay. The s way. In 1 e in the fi	southern span of 922, the canal wa lled-in canal bed.	t use. In this area the the railroad bridge th as officially abandon A casual observer v necessary to span th	nerefore had to be le ed, and not long the would not be aware	ong enough to ereafter it was that the Canal
	perforr I in 19	ned the sam	e function in	WW II). T on of larg	he urge e numbe	nt meas ers of ca	ures that	had to be undert	0 ton capacity were of aken by the United S se lost to German so	States following our	entry into WW
	shipya toward quickly bridge	rd and to sup the shipyard as possible girders it had	oply it with ra d. The spur h , the railroad	w materia ad to bridg construct was to b	Is for its ge the L ed a ten e replac	operation incoln H aporary l red as so	ons. The lighway to bridge of bon as po	Pennsylvania RR o get access to th 85' span with tres	e construction materi built a spur south fr le new ship yard. In stle approaches usin permanent structure	om Meadows Yard order to complete th ig, in an ingenious v	in Kearny ne spur as way, some old
	of the i not kno	new bridge, v own how or v	were not new	but had b ere used b	been bui before b	It by the eing inco	Ámerica orporated	n Bridge Co. in 1 I into the present	he Morris Canal was 915, according to a p bridge. The thru girc	plate mounted on th	ne girders. It is
	span tł	ne still existir		acent to th	e highw	ay. The	Federal S		County, as when bui I is now closed, but s		

In summary, neither the site nor the structure appear to meet National Register criteria. The bridge is a representative example of a common type, and the shipyard does not retain its historic appearance, including the filling of the Morris Canal. Much of the site has been

**NEW JERSEY HISTORIC BRIDGE DATA** 

redeveloped for modern industrial purposes. PHOTO: 27:25-33 (05/31/91)

REVISED BY (DATE):

Page 32



### NEW JERSEY HISTORIC BRIDGE DATA



			_				_			
STRUCTU		0906150	со		_	OW		NJDOT	MILEPOINT	
NAME & FEAT		PEDESTRIAN P	ΑΤΗ Ο΄	VER US 1&9	Γ	FACILITY	PEC	DESTRIAN PATH		
TOWNSHIP	JERSE	Y CITY								
TYPE STRIN	GER				I	DESIGN ENCASED			MATERIAL	Steel
# SPANS 1		LENG	<b>FH</b> 65	ft <b>WID</b>	<b>TH</b> 12 ft					
CONSTRUCT	ON DT	1929		ALTERATIO	N DT			SOURCE NJDOT		
DESIGNER/PA	ATENT							BUILDER		
SETTING / CONTEXT										
1995 SURVEY	RECOM	MENDATION N	lot Elig	ible		HISTORIC BRID	GE M	ANAGEMENT PLAN ( E	EVALUATED)	No
CONSULT ST	ATUS	Not Individua	ally Elig	jible.						
CONSULT DO	CUMEN	SHPO Letter	6/30/9	95						
SUMMARY	end pro	vide pedestrian ac ogically or historic	ccess t	o the span, a	nd the steps	and bridge are both	finish	example of its type. Multi ned with a plain concrete ark, which was bisected b	balustrade. Th	e bridge is not

INFOR MATION

#### PHOTO: 21:21-23 (04/26/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTURE #       0906151       CO       HUDSON       OWNER       NJDOT         NAME & FEATURE       LINCOLN PARK SERVICE ROAD OVER US 1&9T       FACILITY       LINCOLN PARK SERVICI         INTERSECTED       TOWNSHIP       JERSEY CITY       LINCOLN PARK	MILEPOINT 0.0 E ROAD
NTERSECTED	E ROAD
YPE STRINGER DESIGN ENCASED	MATERIAL Steel
SPANS 1 LENGTH 65 ft WIDTH 30 ft	
CONSTRUCTION DT 1929 ALTERATION DT SOURCE NJDOT	-
ESIGNER/PATENT NJ STATE HWY DEPT BRIDGE DIV BUILDER	
<b>CONTEXT</b> park. The park in this area is mainly flat open fields and is built on old fill in Newark Bay. It is a large park Hudson County Park Commission. The park is contiguous with 1950s low-income housing projects.	that was laid out oa. 1000 by
1995 SURVEY RECOMMENDATION Not Eligible HISTORIC BRIDGE MANAGEMENT PLAN	(EVALUATED) No
CONSULT STATUS Not Individually Eligible.	
CONSULT DOCUMENTS SHPO Letter 6/30/95	
<b>SUMMARY</b> The concrete-encased stringer bridge with arched fascia stringers and concrete balustrades on a concrete of the many bridges of this type built by the state in the pre-World War II era. The bridge is not technologi	

INFOR MATION

PHOTO: 21:18-20 (04/26/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 21:16,17 (04/26/91)

REVISED BY (DATE):

### **NEW JERSEY HISTORIC BRIDGE DATA**



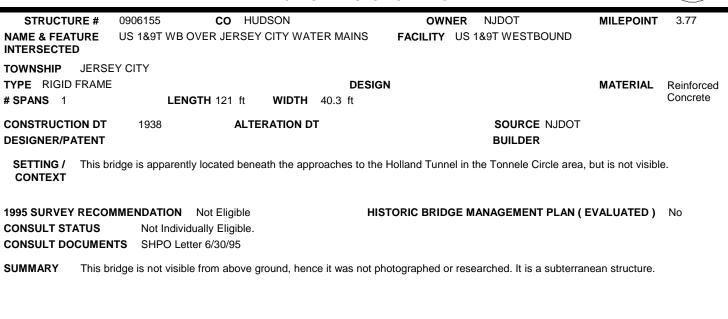
STRUCTU	JRE # 09	906154	CO HUD	SON		OW	NER	RAILROAD	MILEPOINT	3.69
NAME & FEAT		ATH AND CONRA	AIL OVER L	IS 1&9T		FACILITY	PAT	H AND CONRAIL JER	SEY CITY BRAN	1CH
TOWNSHIP	JERSEY (	CITY								
TYPE THRU	GIRDER				I	DESIGN			MATERIAL	Steel
# SPANS 1		LENGTH	69 ft	WIDTH	56 ft					
CONSTRUCTI	ON DT	1931	ALTER		т			SOURCE NJDOT		
DESIGNER/P/	ATENT	PA RR OFFICE	OF ENGIN	IEER				BUILDER UNKNO	WN	
<ul> <li>SETTING / The bridge carries 4 tracks of a busy freight branch and PATH, a very busy rapid transit line, over US 1&amp;9T, a regional arterial highway.</li> <li>CONTEXT The surrounding area is composed of undistinguished modern and modernized industrial and commercial buildings and a steel scrap ya The bridge was installed by the Pennsylvania RR as part of an upgrading of the various approaches to the then-new Holland Tunnel.</li> </ul>								steel scrap yard.		
1995 SURVEY	RECOMM	ENDATION No	Eligible			HISTORIC BRID	GE M	ANAGEMENT PLAN (	EVALUATED)	No
CONSULT ST	ATUS	Not Individually	/ Eligible.							
CONSULT DO	CUMENTS	SHPO Letter 6	/30/95							
SUMMARY	typical of t technologi	he period when the	nru girders v y distinguisł	vere ubiqu ned. It is h	itously ι istorical	used for rail-carrying	overpa	structure, and it has a b asses. The span is wel onal corridors that the s	Il preserved, but	it is not

INFOR MATION

PHOTO: 203:7A-10A;2s (07/28/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA

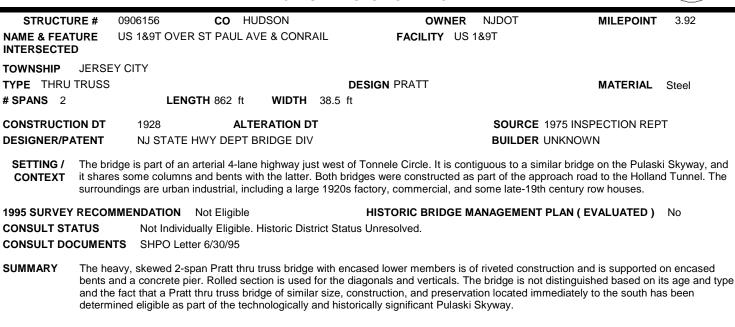


INFOR MATION

PHOTO: none (04/20/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 20:1-3,44 (04/20/91 JPH (5/96))

(5/96)) REVISED BY (DATE):

# NEW JERSEY HISTORIC BRIDGE DATA



		OWNER NJDOT	MILEPOINT 4.14
	FROM NUL 400 TO UIO 400T OVER TONINE		
TERSECTED AVE	FROM NJ 139 TO US1&9T OVER TONNE	LE FACILITY US 1&9T RAMP	
OWNSHIP JERSEY CITY			
YPE DECK GIRDER	D	ESIGN ENCASED	MATERIAL Steel
SPANS 6	LENGTH 347 ft WIDTH 24 ft		
ONSTRUCTION DT 193	38 ALTERATION DT	SOURCE PLANS	
ESIGNER/PATENT NJ	STATE HWY DEPT BRIDGE DIV	BUILDER	
995 SURVEY RECOMMEND	ATION Not Eligible	HISTORIC BRIDGE MANAGEMENT PLAN (	EVALUATED) No
	ot Individually Eligible.		,
CONSULT DOCUMENTS SH	HPO Letter 6/30/95		
columns are fir	nished in a stylized Neo-Classical mode, an	viaduct is supported on concrete columns and a d the roadway is enclosed by a concrete balustra nologically distinguished element of a surface roa	ade. The cantilevered overh

INFOR MATION

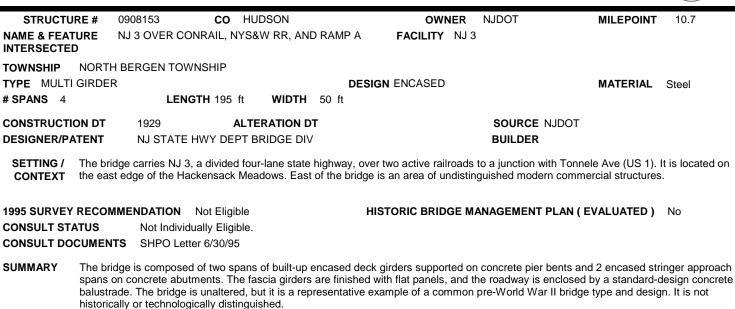
PHOTO: 21: 24-28 (04/26/91)

REVISED BY (DATE):

## NEW JERSEY DEPARTMENT OF TRANSPORTATION

#### BUREAU OF ENVIRONMENTAL SERVICES

**NEW JERSEY HISTORIC BRIDGE DATA** 

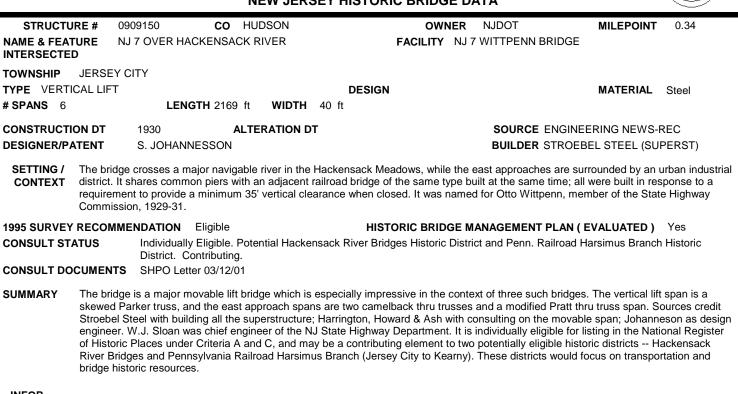


INFOR MATION

PHOTO: 24:1-3 (05/03/91)

REVISED BY (DATE):

**NEW JERSEY HISTORIC BRIDGE DATA** 



INFOR MATION

PHOTO: 20:37-43 (04/20/91)

REVISED BY (DATE):

#### **NEW JERSEY HISTORIC BRIDGE DATA**



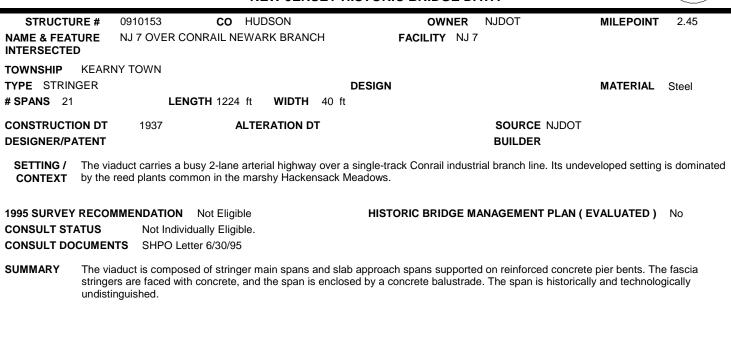
STRUCTU	JRE # 0910152 CO HUDSON	OWNER UNKNOWN MILEPOINT 5.29
NAME & FEAT		CILITY AMTRAK NORTHEAST CORRIDOR RAIL LINE
TOWNSHIP	KEARNY TOWN	
TYPE DECK	PLATE GIRDER DESIGN	MATERIAL Steel
<b># SPANS</b> 2	LENGTH 90 ft WIDTH No Data	
CONSTRUCTI	ON DT 1907 ALTERATION DT	SOURCE PLAQUE
DESIGNER/P/	ATENT PA RR OFFICE OF ENGINEER	BUILDER PENNSYLVANIA STEEL COMPANY
SETTING / CONTEXT	The bridge carries Amtrak's high speed double track passenger railroa undistinguished modern industrial structures among the reeds surroun bridges the Jersey City water supply aqueduct.	
CONSULT ST	C C	C BRIDGE MANAGEMENT PLAN (EVALUATED) No
SUMMARY	Although built as part of the Pennsylvania RR's 1905-1910 extension t the bridge is a representative example of a common type. It consists of concrete abutments and pier with ashlar cap stones, a common ca. 19 railing does not appear to date to 1907. The bridge is not technological	of a deck plate girders with floor beams and is supported on 905 detail. The span appears to be in its original state, but the metal
INFOR MATION	Bibliography: Temple, E.B. "The New York Tunnel Extension of the Pennsylvania RF the American Society of Civil Engineers. Vol. 68 (1909), pp.75-90.	R Meadows Division and Harrison Transfer Yard." Transactions of
	Physical Description: The 2-span built-up deck girder with built-up floor Corridor line toward the tunnels under the Hudson River. It is supported wide enough for more sets of girders, but the were never added. The d top flanges of the girders. The span appears unaltered, and it has no d	d on concrete abutments with stone caps. The abutments were built deck is ballasted and is enclosed by low pipe railings affixed to the
	Historical and Technological Significance: The technologically undistin- the development of the Pennsylvania Railroad's New York Extension p ever undertaken by a private company, the project, part of the develop track line from Harrison across the Jersey Meadows to Bergen Hill (the through station being built in Manhattan. The extension line then contir station train-servicing yard on Long Island. The line is still in operation corridor on the East Coast.	project. One of the largest and most costly construction projects oment of Pennsylvania Station, consisted of an elevated double- e Palisades) and then under the Hudson river to the massive new nued under Manhattan and the East River to a large new passenger
	Despite its historical association with the development of the line and it are not technologically significant. While there are some technologicall subaqueous tunnels and the subterranean right-of-way in Manhattan, t representative example of a common bridge type and design.	ly distinguished features to the New York Extension, like the

The basis for the 1935 date of construction assigned to the span by NJDOT is unknown. The span was designed by the Pennsylvania Railroad Office of Engineer of Bridges and Buildings. H. R. Leonard signed the plans which are dated 1907. The Pennsylvania Steel Company was the fabricator (bridge plaque).

PHOTO: 203:15A-21A (07/28/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA

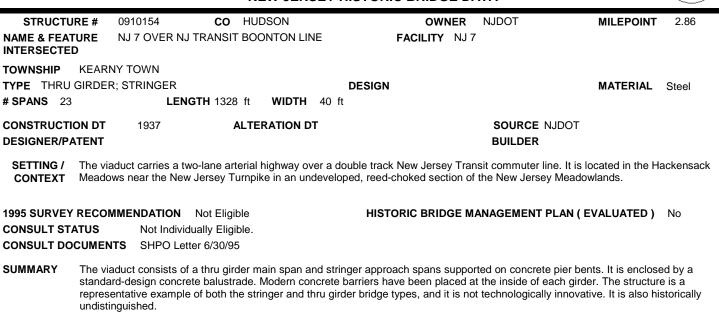


INFOR MATION

PHOTO: 20:35-36 (04/20/91)

REVISED BY (DATE):

#### **NEW JERSEY HISTORIC BRIDGE DATA**



INFOR MATION

#### PHOTO: 20: 30-34 (04/20/91)

**REVISED BY (DATE):** 

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

# BUREAU OF ENVIRONMENTAL SERVICES

NEW JERSEY HISTORIC BRIDGE DATA



NAME & FEATURE NTERSECTED       EAST 40TH STREET OVER CONRAIL & NJ 169       FACILITY       EAST 40TH STREET         TOWNSHIP       BAYONNE CITY       TYPE STRINGER       DESIGN PARTIALLY ENCASED       MATERIAL       Steed         TYPE STRINGER       DESIGN PARTIALLY ENCASED       MATERIAL       Steed         # SPANS 5       LENGTH 208 ft       WIDTH 30 ft       SOURCE NJDOT         CONSTRUCTION DT       1942       ALTERATION DT       SOURCE NJDOT         DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER         SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne in the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.       SHPO Letter 6/30/95       No					-	-					$\sim$
INTERSECTED         TOWNSHIP       BAYONNE CITY         TYPE       STRINGER       DESIGN PARTIALLY ENCASED       MATERIAL       Stee         # SPANS       5       LENGTH 208 ft       WIDTH 30 ft       SOURCE NJDOT         CONSTRUCTION DT       1942       ALTERATION DT       SOURCE NJDOT         DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER         SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne in Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         1995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         CONSULT STATUS       Not Individually Eligible.       Oconsult SHPO Letter 6/30/95       Historic Bridge turing WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techninonvative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cite innovative.	STRUCTUR	<b>E #</b> 09	13151	со н	UDSON		OW	NER	OTHER FEDERA	MILEPOINT	6.32
TYPE       STRINGER       DESIGN PARTIALLY ENCASED       MATERIAL       Stee         SPANS       5       LENGTH 208 ft       WIDTH 30 ft       SOURCE NJDOT       SOURCE NJDOT       DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER       SOURCE NJDOT       BUILDER       SETTING /       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne in Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         CONSULT STATUS       Not Individually Eligible.       SHPO Letter 6/30/95       No         SUMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techninovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cited t		IRE EA	AST 40TH ST	REET OVER	R CONRAIL	& NJ 169	FACILITY	EAS	T 40TH STREET		
# SPANS 5       LENGTH 208 ft       WIDTH 30 ft         CONSTRUCTION DT       1942       ALTERATION DT       SOURCE NJDOT         DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER         SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         1995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         CONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.       No         CONSULT STATUS       Not Individually Eligible.       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cited		BAYONNE	E CITY								
CONSTRUCTION DT       1942       ALTERATION DT       SOURCE NJDOT         DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER         SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         1995 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         CONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.       No         CONSULT DOCUMENTS       SHPO Letter 6/30/95       SHOMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cited on the state in the	FYPE STRING	ER				D	ESIGN PARTIALLY	Y ENC	ASED	MATERIAL	Steel
DESIGNER/PATENT       NJ STATE HWY DEPT BRIDGE DIV       BUILDER         SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         1995 SURVEY RECOMMENDATION       Not Eligible         HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cite	# <b>SPANS</b> 5		LENG	GTH 208 ft	WIDTH	30 ft					
SETTING / CONTEXT       The bridge carries a two-lane city street over a major truck route and a Conrail freight branch. East of the bridge is the Bayonne Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         1995 SURVEY RECOMMENDATION       Not Eligible         HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cited tot cited tot cited tot cited to cited to cited to cited tot cited t	CONSTRUCTIO	N DT	1942	AL	FERATION D	т			SOURCE NJDOT		
CONTEXT       Depot, now the Military Ocean Terminal. West of the bridge is an urban area of mixed use including modern industrial structures northwest and modernized row houses to the southwest.         1995 SURVEY RECOMMENDATION       Not Eligible         HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to circumpted access.	DESIGNER/PAT	ENT	NJ STATE	HWY DEPT	BRIDGE DI	/			BUILDER		
CONSULT STATUS       Not Individually Eligible.         CONSULT DOCUMENTS       SHPO Letter 6/30/95         SUMMARY       The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cive						uthwest.		CE M			No
CONSULT DOCUMENTS         SHPO Letter 6/30/95           SUMMARY         The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to civilian terminal has been converted to civi				0						LVALUAILD)	NO
SUMMARY The stringer overpass with concrete abutments and pier bents was built during WW-II as part of the construction of the Bayonne Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not techno innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to cive				, ,							
Depot, to which it provided access. It is representative of the most common pre-1947 bridge type in the state, and it is not technological innovative. The span is enclosed by an uncommon style concrete fence-like railing. The naval terminal has been converted to circulate the state of the s	CONSULT DOC	UMENTS	SHPO Lett	er 6/30/95							
	[ i	Depot, to v innovative	which it provid . The span is	ded access. enclosed by	t is represen an uncomm	tative of th	he most common p	re-194	I7 bridge type in the sta	te, and it is not	technologi

INFOR MATION

PHOTO: 28:24-27 (05/31/91)

REVISED BY (DATE):





			NEW JERS		RIC BRIDGE DATA		
STRUCT	JRE #	0917150 <b>CO</b>	HUDSON		OWNER NJDOT	MILEPOINT	0.9
NAME & FEA	TURE	NJ 495 OVER US 1&9 (TO CONRAIL	ONNELE AVEN	IUE) AND	FACILITY NJ 495		
TOWNSHIP	NORTH	BERGEN TOWNSHIP					
TYPE DECK	GIRDER			DESIC	6N	MATERIAL	Steel
<b># SPANS</b> 9		<b>LENGTH</b> 1152	ft WIDTH	92.5 ft			
CONSTRUCT	ION DT	1939 <b>A</b>	LTERATION D	<b>T</b> 1956	SOURCE	NJDOT	
DESIGNER/P	ATENT	PORT OF NEW YORI	<b>KAUTHORITY</b>		BUILDER A	AMERICAN BRIDGE CC	MPANY
SETTING / CONTEXT	west to	ward the Lincoln Tunnel, ta	king traffic from	the Meadow	risscrossed with interconnecting hig s level up to a cut through Bergen H and vital artery in the region's highv	ill. This viaduct is an inte	egral part of the
1995 SURVE	Y RECOM	IMENDATION Eligible		HI	STORIC BRIDGE MANAGEMENT I	PLAN ( EVALUATED )	Yes
CONSULT ST	ATUS	, <b>.</b>		nway Approac	h to Lincoln Tunnel Historic District,	Eligible. Contributing.	
CONSULT DO	DCUMEN	TS SHPO Letter 6/30/95	11/17/99.				
SUMMARY	The ber resourc	nts are rigid frame steel arc	hes. The struc o the problem	ture was wide of carrying an	ch include cantilevered sections. The ned in 1956, but the original design important traffic artery from one ger des).	is well preserved, and it	is an eligible
	Bibliogra Amman	n, O.H. "Planning the Linco	oln Tunnel Und	er the Hudson	," Civil Engineering, 7, June, 1937, r	op. 387-391.	
MATION		thority of New York. Annua n, Clarence. "Viaduct Appro			neering News-Record. Vol. 124 (20	Feb. 1940), pp. 311-314	4.
	north sid unusual him the	de near the center of the sp structure and a rather strik	oan. Clarence E ting departure f gn was twofold	Dunham, one of from the types toe foundation	hight section and a 2-lane ramp at the of the engineers who helped design of viaduct that have been used in the ons could not be designed for heavy d.).	and build the viaduct, ca ne past" (Dunham, p. 41	alled it "an ). According to
	supporte relativel Elsewhe abutme moveme	ed on piles or caissons goin y long spans. Where rock we re they were supported on nt. Intermediate piers and t	ng down to rocl vas less than 5 piles. It was e he superstruct	k. Instead the 60' from the su xpected that d ure itself were	ws, which was not suitable for heavy engineers chose to use the lightest rface at the easterly end of the viadu ifferential settlement would occur un carefully designed so the bridge wo or the expected settlement of the en	practical type of constru uct, the foundations wen ider the piles, and the we uld not be endangered b	ction, with at down to rock. estern by possible
	of const the piers legs are ways: e	ant depth but rather vary a s. This was done both for to securely fastened to the d	ccording to the echnical reasor eck girders bet r with a fixed to	bending mom as and for a gr ween the rigic op connection	ne and simple beam spans, all complent; they have curved bottom flange aceful appearance, according to Du frames are suspended spans. The (to the adjacent deck girders) but with Dunham, p. 41-43).	es which are deepest at nham. In the two rigid fra other piers are arranged	the joints with ames the pier I in one of two
		ion to the main viaduct, the bund Route 1.	structure inclu	des two off-ra	mps, one forming three quarters of a	a circle as it descends to	oward
	outside tapered pleasing	web of the exterior girders, from B" at top to 2' at botto	giving appeara om. This togeth to pleasing lin	ance of deep, er with their fl es is the repla	nphasis of the flanges of the girders wide chords instead of a plain girder anges and the vertical angles at the acement of cross-bracing with portal	r. Also, the legs of the pi ir centers are intended to	ers are o give them
	from the added s beams	e north side prevented expa south of each pier to support were added with great cant were made during the record	Inding in that d t an additional ilevered overha	irection, so all girder along t ang on the eas	e the third tube was being added to the space was added on the south the south side, braced to the original st side, giving additional space. The ginal appearances of the structure. T	side, where an additiona external girder. In additi sidewalks were modified	al leg was on, new floor d as well.
	built 193 significa	38-1939 to serve as the ma ant engineering solution of a	in approach to a difficult proble	the recently c m of carrying	ginal element of an approximately 2. ompleted Lincoln Tunnel (first tube) an important traffic artery over the s anner. The road itself is also techno	. Technologically the via soft Jersey Meadows up	duct is a to the level of

#### **NEW JERSEY HISTORIC BRIDGE DATA**



was designated Route 3 when built, and it became the heaviest-used single commuter line into the city, by virtue of serving the vast majority of the bus lines into New York City from the west. The structure is individually distinguished as well as a contributing resource to the potential historic route (Criterion C). Twenty-one structures were identified as being contributing resources along the right-of-way that stretches from US 1 & 9 to the Lincoln Tunnel.

The Palisades (called Bergen Hill locally) forms a ridge parallel to and just west of the Hudson River for several miles. The rock ridge is a barrier that must be crossed in some fashion by every transportation artery approaching New York City from the west in Bergen and Hudson counties. The oldest crossing of Bergen Hill is that now occupied by the PATH system and built by a predecessor of the Pennsylvania RR 1830-1834. The approach to the Lincoln Tunnel was the last major crossing of the Palisades (unless one counts the upgrading of the George Washington Bridge approaches in the 1960s). The Port of New York Authority built both the tunnel and the Route 3 New Jersey approach to the tunnel in close cooperation with state, county, and local officials. O.H. Ammann was the Director of Engineering on the project, and J.C. Evans served as Chief Engineer.

To get past Bergen Hill an open cut was decided upon, partly because it would be cheaper than a tunnel (which would require expensive equipment to remove exhaust gases), and also because local officials wanted the approach highway to be usable also as an arterial route across the ridge for local traffic. This decision required structures to carry the approach highway from the low meadows west of Bergen Hill up to the level of the cut through the Hill, and then back down to the tunnel mouth east of Bergen Hill. Major bridges were required for both of these tasks (Ammann, 391). In addition numerous bridges had to be built to take pre-existing local streets over the cut, and for the crossing of Hudson Boulevard (now JFK Boulevard) a very special type of grade separation structure was designed. The cut itself was, however, quite conventional, and most of the bridges were also conventional, if highly refined in their details (cut stone coverings for parts of the rite roadway is a remarkable engineering accomplishment with visual cohesiveness achieved by repetition of bridge type and uniform Moderne detailing along the length of the project.

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:4-12,19;25:8 (05/03/91)

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENVIRONMENTAL SERVICES

NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	<b>RE#</b> 0	917151	CO HU	DSON		OWN	NER	NJDOT	MILEPOINT	
NAME & FEAT	••••	EDESTRIAN WAI	LKWAY O	VER NJ 495		FACILITY	PED	ESTRIAN WALKWAY		
TOWNSHIP	NORTH E	BERGEN TOWNS	HIP							
TYPE STRING	GER				DESIGN				MATERIAL	Steel
<b># SPANS</b> 4		LENGTH	l 160 ft	WIDTH 1	1 ft					
CONSTRUCTIO	ON DT	1942	ALTE	RATION DT				SOURCE PLAQUE		
DESIGNER/PA	TENT	UNKNOWN		-				BUILDER UNKNOW	/N	
SETTING / CONTEXT		e carries a pedest n Tunnel. To the r						os. NJ-495 is the divided tures.	six-lane highw	ay approach to
1995 SURVEY	RECOMM	ENDATION No	t Eligible		HIST	ORIC BRID	GE M/	ANAGEMENT PLAN ( E	VALUATED)	No
CONSULT STA	TUS	Not Individually	y Eligible.					-	-	
CONSULT DO	CUMENTS	SHPO Letter 6	/30/95							
SUMMARY	the abuth Tunnel ap	nents have elemer	nts of the s superstruc	ame Art Deco ture itself and	ornament use metal railing a	ed extensivel are plain, and	ly on c d they	constructed after NJ 49 other bridges built as par do not resemble the oth proach road.	t of the late-19	30s Lincoln

INFOR MATION

PHOTO: 24:16-18 (05/03/91)

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENVIRONMENTAL SERVICES

#### **NEW JERSEY HISTORIC BRIDGE DATA**



			•					
STRUCTU NAME & FEAT	TURE	0917152 KENNEDY BLV OVER NJ 495	CO HI D SECOND	JDSON LEVEL SOUTHBOUN		NER NJDOT KENNEDY BC	MILEPOII DULEVARD SECOND LEV	
Township Type Rigid # Spans 2		BERGEN TOW	(NSHIP <b>GTH</b> 79 ft	D WIDTH 30 ft	ESIGN		MATERIA	L Reinforced Concrete
CONSTRUCTI DESIGNER/P/		1938 PORT OF I	ALT	ERATION DT AUTHORITY		SOUF BUILD	RCE NJDOT DER	
SETTING / CONTEXT	Lincoln	Tunnel approac	h road. The ii	ntermediate level serve	es as a kind of circ	e for vehicles cl	ocal street and a depresse nanging from one road to a short roadways built on be	nother. The bridge
1995 SURVEY CONSULT ST CONSULT DO	ATUS		ually Eligible.	Rt 3 (I-495) Highway omments 11/17/99.			ENT PLAN ( EVALUATED c District, Eligible. Contrib	
SUMMARY	corridor part of a	designed and b an innovative 3-I	uilt for the Po evel grade se	ort of New York Author	ity in 1938 as the a h turning lanes forr	approach to the l	alls is detailed like other b Lincoln Tunnel. The bridge cle located vertically betwe	is significant as
INFOR MATION				Tunnel Under the Huder the	dson," Civil Engine	ering, 7, June, 1	937, pp. 387-391.	
	limited a of the p	access highway,	and it is finis sed concrete	hed with a random as	hlar stone veneer o	on the abutments	similarly detailed rigid fran s, granite facing on the fas s. The pedestrian fence is a	cia and the ends
	transpo technolo through retains i the city, distingu	rtation artery bui ogically and histo a congested are its integrity of de by virtue of servished, but it is a one structures v	It 1938-1939 prically signifi ea with signifi sign and sett <i>v</i> ing the vast contributing	to serve as the main a cant as a major engine cant geological consid ing. It was designated majority of the bus line resource to the potent	approach to the rec eering solution to b lerations. The prob Route 3 when buil es into New York C ial historic route an	ently completed uilding a highwa lem was solved t, and it became ity from the wes d thus has been	approximately 2.8-mile long Lincoln Tunnel (first tube) by that was both limited act in an innovative and aesth the heaviest-used single t. The structure is not indiv evaluated as significant (in hat stretches from US 1 &	. The road is cess and local etic manner that commuter line into idually Criterion C).
	barrier t Hudson Pennsy upgradi 3 New J	hat must be crost counties. The o Ivania RR 1830- ng of the George Jersey approach	ssed in some Idest crossin 1834. The ap Washingtor to the tunnel	fashion by every trans g of Bergen Hill is that proach to the Lincoln Bridge approaches in	sportation artery ap now occupied by t Tunnel was the las the 1960s). The P vith state, county, a	proaching New he PATH systen t major crossing ort of New York	Note: For several miles. T York City from the west in and built by a predecess of the Palisades (unless of Authority built both the tur s. O.H. Ammann was the I	Bergen and or of the one counts the onel and the Route
	equipme across t Hill up t both of crossing howeve of their the entit	ent to remove ex the ridge for loca o the level of the these tasks (Am g of Hudson Bou r, quite conventi abutments, haur re roadway is a l	chaust gases al traffic. This cut through mann, 391). alevard (now conal, and mo nched fascia emarkable e	and also because lo decision required stru the Hill, and then back addition numerous l IFK Boulevard) a very st of the bridges were deck girders with patter	cal officials wanted ctures to carry the down to the tunne oridges had to be b special type of gra also conventional, erned stiffeners, Art	the approach h approach highw I mouth east of uilt to take pre-ed de separation st if highly refined Moderne railing	an a tunnel (which would re ighway to be usable also a ay from the low meadows Bergen Hill. Major bridges existing local streets over t tructure was designed. The in their details (cut stone o us, and the like). When vie ieved by repetition of bridg	s an arterial route west of Bergen were required for he cut, and for the e cut itself was, coverings for parts wed as a whole,
	notewor preserva potentia	rthy. Because of ation of the reso al historic district	the common urce, the righ . This structu	ality of design, type, s t-of-way of NJ 495 fro	etting, and history t	hat the structure with US 1 & 9 ar	t is historically and techno es on the route share and t ad the Lincoln Tunnel is ev ce. The significant boundar	he state of aluated as a

PHOTO: 24:20-22 (05/03/91)

REVISED BY (DATE):



			NEW JEF	SEY HISTOR		E DATA		
STRUCTU	JRE #	0917155 CC	HUDSON		OW	NER NJDOT	MILEPOINT	0.0
NAME & FEAT	-	KENNEDY BLVD SEC OVER NJ 495	OND LEVEL NO	RTHBOUND	FACILITY	KENNEDY BOULEVA	RD SECOND LEVEL	NORTHBOUND
TOWNSHIP	UNION	CITY						
TYPE RIGID	FRAME			DESIG	N		MATERIAL	Reinforced
<b># SPANS</b> 2		LENGTH 79	ft WIDTH	I 30 ft				Concrete
CONSTRUCTI	ION DT	1938	ALTERATION	DT		SOURCE NJE	ООТ	
DESIGNER/P/	ATENT	PORT OF NEW YO	ORK AUTHORIT	Y		BUILDER UNF	KNOWN	
SETTING / CONTEXT	betweer	n NJ 495 and JFK Boule Il span (0917152) that ca	vard, a city stree	et. It is really part	t of a mid-leve	proach road to the middle el circle that links the two d roadway. They are con	o roads, and it is paire	ed with an
1995 SURVEY	RECOM	IMENDATION Eligible	)	HIS	TORIC BRID	GE MANAGEMENT PL	AN ( EVALUATED )	Yes
CONSULT ST	ATUS		0	, , , , , , ,	bach to Lincol	n Tunnel Historic District	t, Eligible. Contributi	ng.
CONSULT DO		TS SHPO Letter 6/30/	95, Comments 1	1/17/99.				
SUMMARY	concret Tunnel.	e wingwalls that is comr	non to all spans unusual grade s	on the roadway, separation desigr	designed and where turnir	g in the exposed concret I built by the Port Author g lanes form part of a tra	ity to access the 193	7 Lincoln
INFOR MATION					' Civil Engine	ering, 7, June, 1937, pp.	387-391.	
	southbo the Linc	ound part of the intermed	liate level of an u hway, in which t	unusual type of g	rade separate	is part of a three-level be ad traffic interchange bet is kind of circle for all vel	tween JFK Boulevard	l and NJ 495,
	the ends		ilings in an Art Ñ			facings on the abutments It is detailed in the same		
	transpor technolo through retains i the city, distingu	rtation artery built 1938- ogically and historically s a congested area with s its integrity of design and by virtue of serving the ished, but it is a contribu- one structures were ide	1939 to serve as significant as a n significant geolog d setting. It was vast majority of uting resource to	the main approa najor engineering gical consideration designated Route the bus lines into the potential his	ach to the rec solution to b ons. The prob e 3 when built New York C toric route an	element of an approxim ently completed Lincoln uilding a highway that wa em was solved in an inn and it became the hear ty from the west. The str d thus has been evaluated the right-of-way that stretco	Tunnel (first tube). T as both limited acces ovative and aesthetiv viest-used single con ructure is not individu ed as significant (Criti	he road is as and local c manner that nmuter line into ally terion C).
	barrier t Hudson Pennsyl upgradir 3 New J	hat must be crossed in s counties. The oldest cro lvania RR 1830-1834. Th ng of the George Washi	some fashion by ossing of Berger he approach to t ngton Bridge app unnel in close co	every transporta Hill is that now he Lincoln Tunne proaches in the 1 operation with st	tion artery ap occupied by t el was the las 960s). The P ate, county, a	st of the Hudson River fo proaching New York City he PATH system and bu major crossing of the P ort of New York Authority and local officials. O.H. A	y from the west in Be ilt by a predecessor alisades (unless one y built both the tunne	ergen and of the counts the I and the Route
	equipme across t Hill up to both of t crossing howeve of their a the entir	ent to remove exhaust g the ridge for local traffic. o the level of the cut thro these tasks (Ammann, 3 g of Hudson Boulevard ( r, quite conventional, an abutments, haunched fa	ases), and also This decision re bugh the Hill, and 391). In addition now JFK Boulev d most of the bri scia deck girder ble engineering	because local off quired structures d then back down numerous bridge ard) a very speci dges were also s with patterned accomplishment	ficials wanted to carry the to the tunne s had to be b al type of gra conventional, stiffeners, Art	d be cheaper than a tunn the approach highway to approach highway from t I mouth east of Bergen H uilt to take pre-existing lo de separation structure v if highly refined in their d Moderne railings, and th hesiveness achieved by	o be usable also as a the low meadows we Hill. Major bridges we ocal streets over the was designed. The co details (cut stone cov ne like). When viewe	an arterial route st of Bergen ere required for cut, and for the ut itself was, erings for parts d as a whole,

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

**NEW JERSEY HISTORIC BRIDGE DATA** 

PHOTO: 24:24-25;2s (05/03/91)

REVISED BY (DATE):



NEW JERSEY HISTORIC BRIDGE DATA



preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:26-7,29 (05/03/91)

REVISED BY (DATE):

QUAD: Weehawken



Correction Updates Etc should be sent to Correspondence.Unit@DOT.State.NJ.US

**NEW JERSEY HISTORIC BRIDGE DATA** 



preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 25:2-3,28;1s (05/03/91)

NJDOT updated data 03-01-2001.

REVISED BY (DATE):

QUAD: Weehawken



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### NEW JERSEY HISTORIC BRIDGE DATA



			Г	IEW JERSET		GE D			$\leq$
STRUCTU	IRE #	0917158	CO HI	JDSON	01	VNER	NJDOT	MILEPOINT	0.0
NAME & FEAT	-	BERGENLINE A	VE OVER N	IJ 495	FACILIT	Y BEF	GENLINE AVENUE		
TOWNSHIP	UNION	CITY							
TYPE RIGID		••••			DESIGN			MATERIAL	Reinforced
<b># SPANS</b> 2		LENG	<b>TH</b> 79 ft	<b>WIDTH</b> 41.5	ft				Concrete
CONSTRUCT	ON DT	1938	ALT	ERATION DT			SOURCE NJDO	т	
DESIGNER/P/	ATENT	PORT OF N	IEW YORK A	UTHORITY			BUILDER		
SETTING / CONTEXT	It is loca	ited in a densely	developed u	rban mixed reside	ntial and commercia	area, v	x-lane limited-access vith old but modernize ad sections that was i	ed row houses and	l modern
1995 SURVEY	RECOM	MENDATION	Eligible		HISTORIC BR	DGE M	ANAGEMENT PLAN	(EVALUATED)	Yes
CONSULT ST	ATUS	Not Individu	ally Eligible.	Rt 3 (I-495) Highw	vay Approach to Lind	oln Tun	nel Historic District, E	ligible. Contributi	ng.
CONSULT DO	CUMENT	SHPO Lette	er 6/30/95, C	omments 11/17/99	9.				
SUMMARY	Moderne route that	e detailing to the at utilizes a varie	exposed cor ety of steel ar	ncrete. It is one of	8 rigid frame spans types to carry local	ouilt as p	ier has stone-faced co part of the historically ver the limited-access	and technological	ly significant
INFOR MATION					Hudson," Civil Engir	eering,	7, June, 1937, pp. 38	37-391.	
	limited a of the pi	ccess highway,	and it is finis	hed with a random	ashlar stone venee	on the	e of eight similarly de abutments, granite fa e parapets. The pede	acing on the fascia	and the ends
	transpor technolo through retains it the city, distingui	tation artery buil gically and histo a congested are ts integrity of des by virtue of serv shed, but it is a	t 1938-1939 rically signific a with signific sign and setti ing the vast r contributing r	to serve as the ma cant as a major er cant geological co ing. It was designa majority of the bus resource to the por	ain approach to the re ogineering solution to nsiderations. The pro- ted Route 3 when bu lines into New York tential historic route a	ecently of building blem w uilt, and City from and thus	element of an appro- completed Lincoln Tu g a highway that was as solved in an innov it became the heavie n the west. The struct has been evaluated it-of-way that stretche	nnel (first tube). T both limited acces ative and aesthetic st-used single con ture is not individu as significant (Crit	he road is as and local c manner that nmuter line into ally erion C).
	barrier th Hudson Pennsylv upgradin 3 New J	nat must be cros counties. The ol vania RR 1830-1 ng of the George ersey approach	sed in some dest crossing 834. The ap Washington to the tunnel	fashion by every t g of Bergen Hill is proach to the Linc Bridge approache	ransportation artery that now occupied by oln Tunnel was the la is in the 1960s). The on with state, county	approac the PA st majo Port of	he Hudson River for s hing New York City fr TH system and built r crossing of the Palis New York Authority b cal officials. O.H. Am	rom the west in Be by a predecessor sades (unless one puilt both the tunne	rgen and of the counts the I and the Route
	equipme across th Hill up to both of t crossing however of their a the entir uniform Boundar	ent to remove exi- he ridge for local o the level of the hese tasks (Amr of Hudson Boul r, quite convention abutments, haun e roadway is a r Moderne detailir ry Description an	haust gases) I traffic. This cut through t mann, 391). I evard (now J onal, and mos ched fascia c emarkable er ig along the I id Justificatio	, and also becaus decision required the Hill, and then to n addition numero IFK Boulevard) a v st of the bridges w deck girders with p ngineering accomp ength of the project n: The structure is	e local officials wante structures to carry th back down to the tuni- ous bridges had to be rery special type of g ere also conventiona- batterned stiffeners, <i>i</i> bishment with visual ct.	ed the a e appro- hel mour built to rade se I, if high art Mode cohesiv	heaper than a tunnel pproach highway to b ach highway from the th east of Bergen Hill take pre-existing loca paration structure was ly refined in their deta erne railings, and the eness achieved by re pment that is historic.	he usable also as a low meadows we . Major bridges we al streets over the s designed. The ci ails (cut stone cov like). When viewe epetition of bridge to ally and technolog	an arterial route st of Bergen re required for cut, and for the ut itself was, erings for parts d as a whole, type and ically
							e structures on the ro		

noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:30-31;25:4;1 (05/03/91)

REVISED BY (DATE):

### 



				EW JERSET					$\sim$
STRUCTU	IRE #	0917159	CO HL	IDSON		OWNER	NJDOT	MILEPOINT	0.0
NAME & FEAT	-	NEW YORK A	VE OVER NJ	495	FA	CILITY NE	W YORK AVENUE		
TOWNSHIP	UNION	CITY							
TYPE RIGID					DESIGN			MATERIAL	Reinforced
<b># SPANS</b> 2		LEN	IGTH 79 ft	<b>WIDTH</b> 45					Concrete
CONSTRUCTI	ON DT	1938	ALTE	ERATION DT			SOURCE NJDOT	-	
DESIGNER/P/	ATENT	PORT OF	NEW YORK A	UTHORITY			BUILDER		
SETTING / CONTEXT	in an urb	oan mixed resid	dential and con	nmercial area, w	ith buildings from	n 1900 to th	ne highway approach to e 1980s. The roadway it had to be integrated inte	tself was built usi	ng open cuts
1995 SURVEY	RECOM	MENDATION	Eligible		HISTORI	C BRIDGE	MANAGEMENT PLAN	(EVALUATED)	Yes
CONSULT ST	ATUS	Not Indivi	dually Eligible.	Rt 3 (I-495) High	nway Approach t	o Lincoln Tu	Innel Historic District, El	ligible. Contributi	ng.
CONSULT DO	CUMENT			omments 11/17/				-	-
SUMMARY	coursed designe	stone veneer d and built for	at the concrete the Port of New	wing walls. Suc VYork Authority.	h styling is comr	non to all sti ne of 8 rigid	style with scoring to the ructures on the old Rt 3 frame bridges that carry	approach to the I	Lincoln Tunnel
INFOR MATION	Port Auth Physical limited a of the pie The bridg	n, Ó.H. "Planni hority of New N Description: T ccess highway er, scored expo ge is well pres	York. Annual Re The bridge is a 2 7, and it is finish osed concrete a erved.	eport. 1956. 2-span reinforce ned with a rando and pipe railings	d concrete rigid t m ashlar stone v in an Art Moder	frame. It is c reneer on the ne style on t	g, 7, June, 1937, pp. 38 one of eight similarly det e abutments, granite fac he parapets. The pedes	ailed rigid frame s cing on the fascia strian fence is a re	and the ends ecent addition.
	transport technolo through a retains it the city, distinguis	tation artery bu gically and his a congested a s integrity of d by virtue of se shed, but it is a	uilt 1938-1939 t torically signific rea with signific esign and setti rving the vast n a contributing n	o serve as the n cant as a major e cant geological c ng. It was design najority of the bu esource to the p	nain approach to engineering solut onsiderations. T nated Route 3 wh is lines into New otential historic r	the recently ion to build he problem hen built, an York City fr oute and the	ment of an approximate / completed Lincoln Tur- ng a highway that was b was solved in an innova d it became the heavies om the west. The struct us has been evaluated a ght-of-way that stretches	nnel (first tube). The both limited access ative and aesthetic st-used single con ure is not individu as significant (Crit	he road is as and local c manner that nmuter line into ially terion C).
	barrier th Hudson Pennsylv upgradin 3 New Je	nat must be cro counties. The vania RR 1830 ig of the Georg ersey approact	ossed in some oldest crossing 0-1834. The app ge Washington h to the tunnel	fashion by every of Bergen Hill is proach to the Lin Bridge approach in close coopera	r transportation a s that now occup icoln Tunnel was nes in the 1960s)	itery approa ied by the P the last ma . The Port c ounty, and I	the Hudson River for se aching New York City fro ATH system and built b jor crossing of the Palis of New York Authority bu ocal officials. O.H. Amn	om the west in Be by a predecessor ades (unless one uilt both the tunne	ergen and of the counts the I and the Route
	equipme across th Hill up to both of tl crossing however of their a the entire uniform l	nt to remove e he ridge for loco the level of th hese tasks (Ar of Hudson Bo , quite conveni ibutments, hau e roadway is a Moderne detai	exhaust gases), cal traffic. This d le cut through t nmann, 391). In ulevard (now J tional, and mos unched fascia d remarkable en ling along the le	and also becau decision required he Hill, and then h addition nume FK Boulevard) a st of the bridges leck girders with gineering accon ength of the proj	se local officials d structures to ca back down to the rous bridges had very special typ were also conve patterned stiffer nplishment with vect.	wanted the arry the appri- e tunnel mo- to be built t e of grade s ntional, if hig iers, Art Mo- visual cohes	cheaper than a tunnel ( approach highway to be oach highway from the buth east of Bergen Hill. to take pre-existing local eparation structure was ghly refined in their deta derne railings, and the li iveness achieved by rep lopment that is historica	e usable also as a low meadows we Major bridges we I streets over the designed. The cr ills (cut stone cov ke). When viewed betition of bridge t	an arterial route st of Bergen ere required for cut, and for the ut itself was, erings for parts d as a whole, type and

noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:32;25:5 (05/03/91)

REVISED BY (DATE):

QUAD: Weehawken

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#### **NEW JERSEY HISTORIC BRIDGE DATA**



			NI		STORIC BRIDE	E DA	IA		$\leq$
STRUCTU	JRE #	0917160	CO HUI	DSON	OW	NER	NJDOT	MILEPOINT	0.0
NAME & FEA		PALISADE AVE / OVER NJ 495	AND HACKE	NSACK PLANK RC	AD FACILITY	PALI	SADE AVENUE AN	D HACKENSACK	PLANK ROAD
TOWNSHIP	UNION	ICITY							
TYPE RIGID # SPANS 2	FRAME		<b>FH</b> 79 ft	D WIDTH 40 ft	DESIGN			MATERIAL	Reinforced Concrete
CONSTRUCT DESIGNER/P		1938 PORT OF NE		<b>RATION DT</b> JTHORITY			SOURCE NJDO Builder	Т	
SETTING / CONTEXT	six-lane	e highway approacl	h to the Linco		ed access road the		ed city street plus tv crosses is located in		
1995 SURVE		MENDATION E	ligible		HISTORIC BRID	GE MA	ANAGEMENT PLAN	I ( EVALUATED )	Yes
CONSULT ST			0	Rt 3 (I-495) Highway			el Historic District, E	. ,	
CONSULT DO	CUMEN	TS SHPO Letter	· 6/30/95, Co	mments 11/17/99.					
SUMMARY	accom portion	modate a diagonal of the bridge. The	ly crossing st wingwalls ar	treet. The extension	s are finished with t ne random-ashlar s	he sam tone ve	ed on concrete colun ne arched soffit and s eneer as the rest of t	scored concrete a	s the rigid fram
INFOR MATION					ıdson," Civil Engine	ering, 7	7, June, 1937, pp. 38	37-391.	
	side to of eight abutme	accommodate a di t similarly detailed i ents, granite facing	iagonally cros rigid frame sp on the fascia	ssing street. The are	eas of the extensior access highway, an e pier, scored expos	is not u d it is fi sed con	extensions support sed as roadway are nished with a randor acrete and pipe railin	concrete-paved p m ashlar stone ver	lazas. It is one neer on the
	transpo technol through retains the city disting	ortation artery built logically and histori a congested area its integrity of design by virtue of servin uished, but it is a co -one structures we	1938-1939 to cally significa with significa gn and settin ig the vast m ontributing re	b serve as the main ant as a major engir ant geological consi- g. It was designated ajority of the bus lin source to the poten	approach to the rec neering solution to b derations. The prob d Route 3 when buil es into New York C tial historic route ar	ently co building lem wa t, and it ity from id thus	ent of an approximate ompleted Lincoln Tu a highway that was s solved in an innov t became the heavie the west. The struc has been evaluated -of-way that stretche	innel (first tube). T both limited acces rative and aestheti est-used single cor cture is not individu as significant (Cri	he road is is and local c manner that nmuter line inf ially terion C).
	barrier Hudsor Pennsy upgrad 3 New	that must be cross counties. The old /lvania RR 1830-18 ing of the George V Jersey approach to	ed in some fa est crossing 334. The appr Washington E the tunnel ir	ashion by every tran of Bergen Hill is tha roach to the Lincoln Bridge approaches in	nsportation artery and t now occupied by t Tunnel was the las n the 1960s). The F with state, county, a	proach he PAT t major Port of N	e Hudson River for s ing New York City fi 'H system and built crossing of the Pali lew York Authority b al officials. O.H. Am	rom the west in Be by a predecessor sades (unless one built both the tunne	ergen and of the counts the I and the Rou
	equipm across Hill up both of crossin howeve of their the ent	ent to remove exha- the ridge for local to to the level of the co- these tasks (Amm g of Hudson Boule er, quite convention abutments, haunch ire roadway is a ren	aust gases), traffic. This de cut through th ann, 391). In vard (now JF nal, and most hed fascia de markable eng	and also because lo ecision required stru e Hill, and then bac addition numerous K Boulevard) a very of the bridges were eck girders with patt	bcal officials wanted actures to carry the k down to the tunned bridges had to be k y special type of gra a also conventional, erned stiffeners, Ar	I the ap approa outhed mouth ouilt to t ide sepa if highly t Moder	reaper than a tunnel proach highway to b ch highway from the n east of Bergen Hill ake pre-existing loca aration structure way y refined in their deta rne railings, and the mess achieved by re	be usable also as a e low meadows we l. Major bridges we al streets over the s designed. The c ails (cut stone cov like). When viewe	an arterial rout st of Bergen ere required fo cut, and for th ut itself was, erings for part d as a whole,
	notewo	rthy. Because of th	ne commonal	ity of design, type, s	setting, and history	that the	ement that is historic structures on the ro 3 1 & 9 and the Linco	oute share and the	state of

noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:33-34;25:6;2 (05/03/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



								-		
STRUCTU	<b>JRE #</b> 0	917161	CO HU	IDSON		OWNER	NJDOT	MILEPOINT 0.0	)	
NAME & FEAT	-	IUDSON AVE	NUE OVER N	J 495		FACILITY HU	JDSON AVE			
TOWNSHIP	UNION C									
TYPE RIGID		111			DESIGN				(	
# SPANS 2	FRAIVIE	LEN	<b>GTH</b> 81 ft	WIDTH 7	<b>DESIGN</b> 74.2 ft			MATERIAL Reini Conc	forced crete	
CONSTRUCT	ON DT	1938	ALTE	ERATION DT			SOURCE NJE	ЮТ		
DESIGNER/P			NEW YORK A				BUILDER			
SETTING / CONTEXT	and comn	nercial neighb	orhood with a	variety of strue	ix lane highway approach to the Lincoln Tunnel. It is located in a mixed urban residential ructures, ranging from an 1880s brick brewery a couple of blocks north to a modern used s as well. The span is part of an open-cut corridor.					
1995 SURVEY	RECOMM	ENDATION	Eligible		HISTO	DRIC BRIDGE	MANAGEMENT PL	AN (EVALUATED) Yes		
CONSULT ST			•	Rt 3 (I-495) Hi				, Eligible. Contributing.		
CONSULT DO			ter 6/30/95, Co	· · ·	0 , 11			,gg.		
SUMMARY	concrete Lincoln Tu	wing walls. W unnel. The bri	hile not individ dge is well pre	ually significar served, and it	nt, it is one of 8	rigid frame spa other spans on	ans used on the Port	rete and stone facing on the Authority's approach to the hich relies on standard per	e 1937	
INFOR MATION		Ó.H. "Plannir	ng the Lincoln ork. Annual Re		the Hudson," C	ivil Engineering	g, 7, June, 1937, pp.	387-391.		
	side to ac of eight sin abutments	commodate a milarly detaile s, granite facil	diagonally cro d rigid frame s ng on the fasci	ssing street. T pans on the line a and the end	The areas of the mited access h	e extensions no ighway, and it is ored exposed o	t used as roadway a s finished with a rand	orted on concrete columns re concrete-paved plazas. dom ashlar stone veneer or ilings in an Art Moderne sty	It is one n the	
	transporta technolog through a retains its the city, b distinguish	ation artery bu ically and hist congested ar integrity of de y virtue of ser hed, but it is a	ilt 1938-1939 t orically signific ea with signific esign and settin ving the vast n contributing re	o serve as the ant as a majo ant geological ng. It was desi najority of the esource to the	main approach r engineering s considerations gnated Route 3 bus lines into N potential histor	n to the recently olution to building. The problem v when built, and when built, and w York City fro ic route and thu	/ completed Lincoln ng a highway that wa was solved in an inn d it became the hea om the west. The sti us has been evaluated	ately 2.8-mile long major Tunnel (first tube). The road as both limited access and ovative and aesthetic many viest-used single commuter ructure is not individually ed as significant (Criterion ( ches from US 1 & 9 to the L	local ner that r line into C).	
	barrier tha Hudson co Pennsylva upgrading 3 New Jer	at must be cro ounties. The c ania RR 1830 of the Georg rsey approach	ssed in some to bldest crossing 1834. The app e Washington to the tunnel i	fashion by eve of Bergen Hill proach to the L Bridge approa in close coope	ry transportation is that now oc incoln Tunnel w ches in the 196	n artery approa cupied by the P vas the last ma 60s). The Port o e, county, and l	aching New York Cit ATH system and bu jor crossing of the P of New York Authorit	or several miles. The rock ri y from the west in Bergen a ilt by a predecessor of the alisades (unless one count y built both the tunnel and t mmann was the Director o	and s the he Route	
	equipmen across the Hill up to t both of the crossing c however, of their ab the entire uniform M	t to remove e e ridge for loca the level of the ese tasks (Arr of Hudson Bou quite convent butments, hau roadway is a loderne detail	xhaust gases), al traffic. This c e cut through tl imann, 391). Il ional, and mos nched fascia d remarkable en ing along the le	and also beca decision requir the Hill, and the the addition num FK Boulevard) t of the bridge eck girders wi gineering accord ength of the pr	ause local offici ed structures to en back down t lerous bridges a very special s were also con th patterned sti omplishment wi oject.	als wanted the o carry the appro- o the tunnel mo- had to be built t type of grade soventional, if hig ffeners, Art Moo th visual cohes	approach highway to oach highway from to outh east of Bergen H to take pre-existing to eparation structure w ghly refined in their of derne railings, and th iveness achieved by	tel (which would require exp be usable also as an arte the low meadows west of B Hill. Major bridges were req poal streets over the cut, ar was designed. The cut itsel letails (cut stone coverings he like). When viewed as a repetition of bridge type ar	rial route bergen uired for nd for the f was, for parts whole,	
	Boundary	Description a	nd Justification	n: The structur	e is one eleme	nt of road devel	lopment that is histo	rically and technologically		

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 24:35-36;25:7;1 (05/03/91)



			NEW JE	ERSEY HISTO	RIC BRIDGE DATA	
STRUCTU	IRE # 09	) 17162 <b>C</b>	O HUDSON		OWNER NJDOT	MILEPOINT 1.95
NAME & FEAT		OUTH MARGINAL S	STREET OVER	PARK AVENUE	FACILITY SOUTH MARGINAL	STREET
TOWNSHIP	WEEHAW	KEN TOWNSHIP				
TYPE DECK	GIRDER			DESIG	iN	MATERIAL Steel
# <b>SPANS</b> 1		LENGTH 1	16 ft <b>WID</b>	<b>TH</b> 30.1 ft		
CONSTRUCT	ON DT	1938	ALTERATIO	N DT	SOURCE NJ	JDOT
DESIGNER/P	ATENT	PORT OF NEW Y	ORK AUTHOR	ITY	BUILDER	
SETTING / CONTEXT	componen	t structure that carri	es 3 levels of N	J 495 over Park A	r a busy avenue. It is part of the Linco venue. It is contiguous to 3800021 th a is dominated by 20th-century townh	
1995 SURVEY	RECOMME	ENDATION Eligib	le	HI	STORIC BRIDGE MANAGEMENT PL	LAN (EVALUATED ) Yes
CONSULT ST	ATUS		-		oach to Lincoln Tunnel Historic Distrie	ct, Eligible. Contributing.
CONSULT DO	CUMENTS	SHPO Letter 6/3	0/95, Comments	s 11/17/99.		
SUMMARY	concrete p Tunnel. Th	arapet is topped by	a plain metal ra s not technolog	ailing. The detailing ically distinguishe	is supported on a Moderne-style stor g is identical to other spans on the old d, but it is historically noteworthy as p	
INFOR MATION					," Civil Engineering, 7, (June, 1937), p	op. 387-391.
	carries a se supported the route.	ervice road and ram on concrete abutme The fascia girders a	p parallel to the ents with engage re detailed with	e limited-access po ed bearing columr a geometric patte	niddle level of a 5-component, interco ortion of the route, is composed of a b is. The wingwalls are ashlar-faced to rn to the stiffeners and a secondary fl is contiguous to 3800021, and it, as w	built-up deck girders with floor beams match the stonework used all along lange to provide a shadow line. The
	transportat technologic through a c retains its i the city, by distinguish	ion artery built 1938 cally and historically congested area with integrity of design a virtue of serving th ed, but it is a contril	3-1939 to serve significant as a significant geo nd setting. It wa e vast majority puting resource	as the main appro a major engineerin logical considerati is designated Rou of the bus lines int to the potential hi	e is an original element of an approxi ach to the recently completed Lincolr g solution to building a highway that v ons. The problem was solved in an in te 3 when built, and it became the her o New York City from the west. The s storic route and thus has been evalua purces along the right-of-way that stre	n Tunnel (first tube). The road is was both limited access and local inovative and aesthetic manner that aviest-used single commuter line into structure is not individually ated as significant (Criterion C).
	barrier that Hudson co Pennsylvar upgrading 3 New Jers	t must be crossed ir punties. The oldest c nia RR 1830-1834. of the George Wasl	n some fashion crossing of Berg The approach to nington Bridge a tunnel in close	by every transport en Hill is that now o the Lincoln Tunn approaches in the cooperation with s	state, county, and local officials. O.H.	ity from the west in Bergen and built by a predecessor of the Palisades (unless one counts the ity built both the tunnel and the Route
	equipment across the Hill up to th both of the crossing of however, q of their abu the entire r	to remove exhaust ridge for local traffin he level of the cut th se tasks (Ammann, f Hudson Boulevard juite conventional, a utments, haunched	gases), and als c. This decision rough the Hill, a 391). In additio (now JFK Boul and most of the fascia deck gird able engineerin	to because local o required structure and then back dow on numerous bridg evard) a very spec bridges were also lers with patterned g accomplishmen	s to carry the approach highway from in to the tunnel mouth east of Bergen es had to be built to take pre-existing sial type of grade separation structure	to be usable also as an arterial route the low meadows west of Bergen Hill. Major bridges were required for local streets over the cut, and for the was designed. The cut itself was, details (cut stone coverings for parts the like). When viewed as a whole,

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 26:23,25,27;201 (05/17/91)

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

# BUREAU OF ENVIRONMENTAL SERVICES



		N	EW JERSEY HISTO	RIC BRIDGE DATA		Ś
STRUCTU	<b>IRE #</b> 09 <sup>-</sup>	17163 <b>CO</b> HU	DSON	OWNER NJDOT	MILEPOINT	1.95
NAME & FEAT	-	ORTH MARGINAL STREET	OVER PARK AVENUE	FACILITY NORTH MARGINAL STREE	Т	
TOWNSHIP	WEEHAWI	KEN TOWNSHIP				
TYPE DECK	GIRDER		DESIG	5N	MATERIAL	Steel
# <b>SPANS</b> 1		LENGTH 130 ft	WIDTH 30 ft			
CONSTRUCTI	ON DT	1938 <b>ALTE</b>	RATION DT	SOURCE NJDOT		
DESIGNER/P/	ATENT	PORT OF NEW YORK A	UTHORITY	BUILDER		
SETTING / CONTEXT	structure th	nat takes local traffic to and	from elevated NJ 495, th	le NJ 495 over a busy city street. It is an elem e 1937 Lincoln Tunnel approach. The bridge ury town houses and apartment buildings.		
1995 SURVEY	RECOMME	NDATION Eligible	HI	STORIC BRIDGE MANAGEMENT PLAN ( E	VALUATED )	Yes
CONSULT ST	ATUS	Not Individually Eligible.	Rt 3 (I-495) Highway Appr	oach to Lincoln Tunnel Historic District, Eligit	ole. Contributin	g.
CONSULT DO	CUMENTS	SHPO Letter 6/30/95, Co	mments 11/17/99.			
SUMMARY	abutments. columns th	. The nicely detailed girder	is finished with a plain ste d beam with stiffeners of	span is supported on engaged columns set i el railing on the outside while the inside girde 3800024, the parallel span. The bridge is an / significant highway.	er carries rolled	section
INFOR MATION	Port Author	O.H. "Planning the Lincoln rity of New York. Annual Re	eport. 1956.	," Civil Engineering, 7, (June, 1937), pp. 387-		
	carries a se on ashlar-fa provide a s	ervice road parallel to the linaced concrete abutments.	nited-access portion of th The fascia girders are deta er supports rolled I-sectio	niddle level of a 5-component, interconnecter e route, is composed of a built-up deck girder ailed with a geometric pattern to the stiffeners n columns of 3800024. The outside girder is t Il preserved.	rs with floor bea	ams supported ary flange to
	transportati technologic through a c retains its in the city, by distinguishe	ion artery built 1938-1939 to cally and historically signific congested area with signific ntegrity of design and settir virtue of serving the vast m ed, but it is a contributing re	o serve as the main appro ant as a major engineerin ant geological considerati ng. It was designated Rou hajority of the bus lines int esource to the potential his	te is an original element of an approximately is bach to the recently completed Lincoln Tunne g solution to building a highway that was both ons. The problem was solved in an innovative te 3 when built, and it became the heaviest-u o New York City from the west. The structure storic route and thus has been evaluated as s burces along the right-of-way that stretches fr	I (first tube). The limited access e and aesthetic sed single com is not individua significant (Crite	e road is and local manner that muter line into ally erion C).
	barrier that Hudson cou Pennsylvar upgrading c 3 New Jers	must be crossed in some f unties. The oldest crossing nia RR 1830-1834. The app of the George Washington	ashion by every transport of Bergen Hill is that now roach to the Lincoln Tunr Bridge approaches in the n close cooperation with s	to and just west of the Hudson River for seve ation artery approaching New York City from occupied by the PATH system and built by a lel was the last major crossing of the Palisade 1960s). The Port of New York Authority built state, county, and local officials. O.H. Ammar gineer.	the west in Ber predecessor o es (unless one o both the tunnel	gen and f the counts the and the Route
	equipment across the Hill up to th both of thes crossing of however, qu of their abu the entire ro	to remove exhaust gases), ridge for local traffic. This c le level of the cut through th se tasks (Ammann, 391). Ir Hudson Boulevard (now JI uite conventional, and mos thments, haunched fascia d	and also because local o lecision required structure ne Hill, and then back dow addition numerous bridg FK Boulevard) a very spect t of the bridges were also eck girders with patterned gineering accomplishmen	ecause it would be cheaper than a tunnel (wh fficials wanted the approach highway to be us is to carry the approach highway from the low on to the tunnel mouth east of Bergen Hill. Ma es had to be built to take pre-existing local st cial type of grade separation structure was de conventional, if highly refined in their details I stiffeners, Art Moderne railings, and the like) t with visual cohesiveness achieved by repeti	sable also as ar v meadows wes ajor bridges wer reets over the c signed. The cu (cut stone cove ). When viewed	a arterial route t of Bergen e required for ut, and for the t itself was, rings for parts as a whole,

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 26:28-29;1s (05/17/91)

REVISED BY (DATE):

#### **NEW JERSEY HISTORIC BRIDGE DATA**



				-						
STRUCTU	IRE #	0917164	CO HUI	DSON		ow	NER	PRIVATE	MILEPOINT	0.0
NAME & FEAT		SOUTH MARGIN	NAL STREET	VIADUCT	OVER	FACILITY	SOUT	TH MARGINAL STREE	ΞT	
TOWNSHIP	TOWNSHIP WEEHAWKEN TOWNSHIP									
TYPE TBEA # SPANS 4	М	I ENG	<b>TH</b> 90 ft	WIDTH	<b>DESI</b> 30 ft	GN			MATERIAL	Reinforced Concrete
		LLING	<b>m</b> 50 m	wie in	50 H					
CONSTRUCTI		1938		RATION D				SOURCE NJDOT		
DESIGNER/PA	ATENT	PORT OF N	EW YORK AL	JIHORIIY				BUILDER		
SETTING / CONTEXT	5 I I I I I I I I I I I I I I I I I I I									
1995 SURVEY	RECON	IMENDATION	Eligible		н	ISTORIC BRID	GE MA	NAGEMENT PLAN ( I	EVALUATED)	Yes
CONSULT ST	ATUS	Not Individu	ally Eligible. F	Rt 3 (I-495)	Highway App	roach to Linco	n Tunne	el Historic District, Elig	ible. Contributi	ng.
CONSULT DO	CUMEN	TS SHPO Lette	r 6/30/95, Co	mments 11	/17/99.					
SUMMARY	stone v NJ 495	eneer wall set wit	h a flight of st ly discernible	eps, and th as a separ	ne north side i ate structure,	s occupied by a but it is an orig	a viaduo jinal ele	blumns. Its south face at that carries the ramp ment in the developme	o from S. Margir	n Street up to
INFOR MATION						n," Civil Engined	ering, 7,	June, 1937, pp. 387-3	391.	
	structur a flight is gone	e that links local s of steps. The mas	streets with ar conry matches coccupied by	n elevated l s that used a viaduct t	imited-acces all along the hat carries a	s highway. Its s 1.5-mile long ro amp from a loo	outh fac oute. Th	ncrete columns. It is a ce is covered by a rand e original lamp standa t up to the level of the	dom ashlar stor Ird is in place, b	ne wall set with out the luminaire
	transpo technol through retains the city distingu	rtation artery built ogically and histo a congested area its integrity of des , by virtue of servi lished, but it is a c -one structures we	1938-1939 to rically significa a with significa ign and settin ng the vast m contributing re	o serve as t ant as a ma ant geologi g. It was d ajority of th source to t	the main appr ajor engineeri cal considera esignated Ro ne bus lines ir he potential h	oach to the rec ng solution to b tions. The prob ute 3 when buil to New York C istoric route an	ently co uilding a lem was t, and it ity from d thus h	of an approximately 2. impleted Lincoln Tunn a highway that was bo is solved in an innovativ became the heaviest- the west. The structur has been evaluated as of-way that stretches f	el (first tube). T th limited acces ve and aestheti used single cor re is not individu significant (Crit	he road is ss and local c manner that mmuter line into ually terion C).
	barrier f Hudson Pennsy upgradi 3 New	that must be crose counties. The old Ivania RR 1830-1 ng of the George	sed in some fa dest crossing 834. The app Washington E o the tunnel ir	ashion by e of Bergen roach to th Bridge appi n close coc	every transport Hill is that nove the Lincoln Tun roaches in the operation with	tation artery ap v occupied by t nel was the las a 1960s). The F state, county, a	proachi he PAT t major ort of N	Hudson River for sev ing New York City from H system and built by crossing of the Palisac ew York Authority buil al officials. O.H. Amma	n the west in Be a predecessor des (unless one t both the tunne	ergen and of the counts the and the Route
	equipm across Hill up t both of crossin howeve of their the enti uniform	ent to remove exh the ridge for local to the level of the these tasks (Amn g of Hudson Bould r, quite conventio abutments, haund re roadway is a re Moderne detailin	aust gases), traffic. This d cut through th hann, 391). In evard (now JF nal, and most ched fascia de markable eng g along the le	and also b ecision req e Hill, and addition n K Bouleva of the brid eck girders gineering a ngth of the	ecause local uired structur then back do umerous brid rd) a very spe lges were also with patterne ccomplishme project.	officials wanted es to carry the win to the tunne ges had to be b ecial type of gra o conventional, d stiffeners, Ar int with visual co	the approad approad approad mouth built to ta de sepa if highly Modern ohesive	eaper than a tunnel (w proach highway to be u ch highway from the lo east of Bergen Hill. M ake pre-existing local s aration structure was d v refined in their details ne railings, and the like ness achieved by repe	usable also as a w meadows we lajor bridges we streets over the lesigned. The ci s (cut stone cov e). When viewe tition of bridge	an arterial route est of Bergen ere required for cut, and for the ut itself was, rerings for parts d as a whole, type and
								ment that is historically structures on the route		

preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 201:24,26,44,45 (06/07/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



The bridge carries a four-lane city street over a mile-long double track cut built in 1869 for the Newark & New York RR, a subsidiary of the CNJ, through Bergen Hill, a long rock ridge separating the waterfront of Hudson County from the land to the west. The Newark & New York RR was built to give the shortest, fastest route between Newark and the CNJ ferry terminal at Communipaw. In the 1920s, 38 local passenger trains traversed this route each way every weekday, stopping at four stations in the single mile of this cut in Jersey City. Passenger service ended in 1948 and the line was single tracked and used for freight only (Trains, p. 52). When Conrail took over the NJ's property in 1976, the line became the West Side Avenue Branch, but was abandoned by the mid-1980s. Track has been removed, and the right-of-way is now overgrown.

PHOTO: 29:12,23-27 (05/31/91)

REVISED BY (DATE):

**NEW JERSEY HISTORIC BRIDGE DATA** 



INFOR MATION

PHOTO: 29:20-22,29-30 (05/31/91)

,29-30 (05/31/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



The Bergen Archways was an innovative solution to the problem of inserting a railroad corridor to accommodate a high volume of passenger traffic into a built-up urban area and through a solid rock barrier. It has two pioneering reinforced concrete arch bridges and its four-track tunnels carrying streets over the cut are probably the largest "tunnel bridges" (a tunnel primarily dug to serve instead of a bridge) in the state. It was designed by the engineering department of the Erie RR, G.H. Burgess, Principal Assistant Engineer, A.L. Moorehead, Resident Engineer, and F.L. Stuart, Chief Engineer. Millard Construction Company of Philadelphia was the contractor. The bridge is one of six structures on the Archways route (0951165-0951170), and all have been evaluated as significant because of their historic and technical associations with the significant right-of-way.

Boundary Description and Justification: The tunnel is significant within the historic context of the ambitious railroad right-of-way

#### **NEW JERSEY HISTORIC BRIDGE DATA**

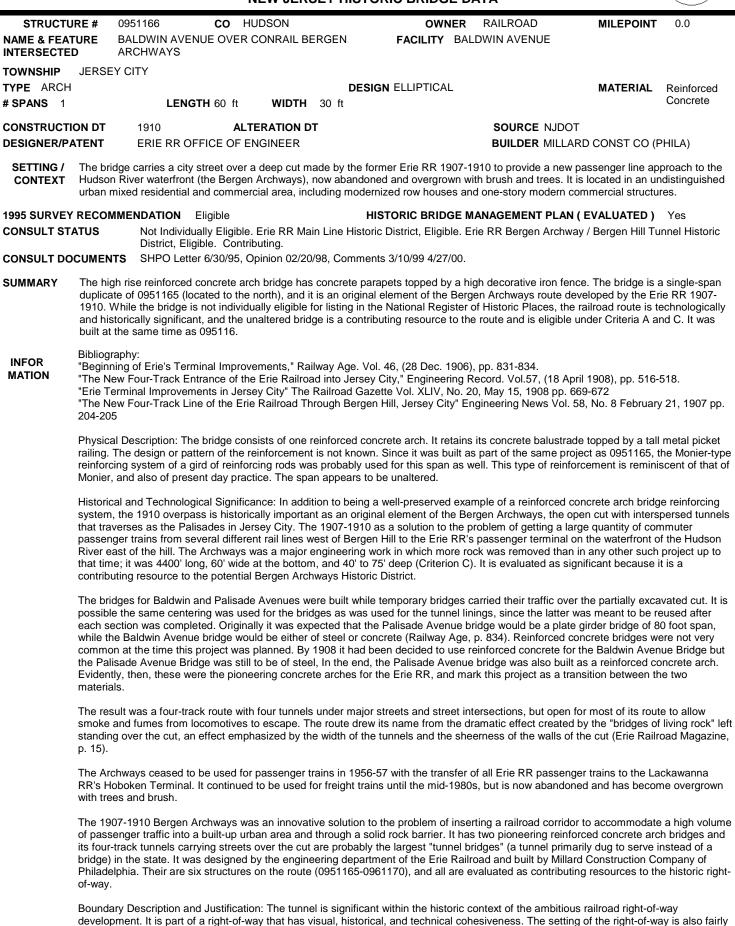


development. It is part of a right-of-way that has visual, historical, and technical cohesiveness. The setting of the right-of-way is also fairly well preserved. Thus the tunnel and the entire 4400'-long Bergen Archways right-of-way are evaluated as a district with this structure being an individually eligible and a contributing resource.

PHOTO: 22:17-18 (04/26/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



Page 65

#### NEW JERSEY HISTORIC BRIDGE DATA



well preserved. Thus the tunnel and the entire 4400'-long Bergen Archways right-of-way are evaluated as a district with this structure being a contributing resource.

PHOTO: 22:22,23/154:14 (04/26/91 JPH (5/96))

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

STRUCTURE #

NAME & FEATURE

INTERSECTED

TYPE TUNNEL

CONSTRUCTION DT

**DESIGNER/PATENT** 

CONSULT STATUS

TOWNSHIP

# SPANS 1

SETTING /

CONTEXT

SUMMARY

INFOR

MATION

1957.



as contributing resources to the potentially eligible route (0951165-0951170). Boundary Description and Justification: The tunnel is significant within the historic context of the ambitious railroad right-of-way

development. It is part of a right-of-way that has visual, historical, and technical cohesiveness. The setting of the right-of-way is also fairly well preserved. Thus the tunnel and the entire 4400'-long Bergen Archways right-of-way are evaluated as a district with this structure being an individually eligible and a contributing resource.

PHOTO: 22:24,30,31 (04/26/91)

NJDOT updated data 03-01-2001.

A. G. Lichtenstein & Associates, Inc. performed initial survery.

REVISED BY (DATE):



**NEW JERSEY HISTORIC BRIDGE DATA** 



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## 



				NEW JERS			E DATA			
STRUCTU	JRE #	0951169	CO H	JDSON		OW	NER NJDOT	MILEPOINT	0.0	
NAME & FEA INTERSECTE		BEVAN & ST ARCHWAYS	PAUL AVE O	/ER CONRAI	L BERGEN	FACILITY	BEVAN AND ST PAUL AV	ENUES		
TOWNSHIP	JERSE	Y CITY								
TYPE TUNN	IEL			MIDTU	DESI	GN		MATERIAL	Concrete	
SPANS 1		LE	NGTH 60 ft	WIDTH	260 ft					
CONSTRUCT	-	1909		ERATION D	Г		SOURCE NJDOT			
DESIGNER/P	ATENT	ERIE RR	OFFICE OF E	NGINEER			BUILDER MILLAR	D CONST CO (F	PHILA)	
SETTING / CONTEXT	was bui	It by the forme		-1910 to carr	y a new four-	track passenge	odern apartment houses abo er line through the higher sec h and trees.			
1995 SURVEY		IMENDATION	Eligible		н	STORIC BRID	GE MANAGEMENT PLAN (	EVALUATED)	Yes	
CONSULT ST	ATUS	District, I	Eligible. Contri	buting.			Erie RR Bergen Archway / B	ergen Hill Tunne	l Historic	
CONSULT DO	OCUMEN	TS SHPO L	etter 6/30/95, C	pinion 02/20/	98, Commen	ts 3/10/99 4/27	7/00.			
SUMMARY	appeara bridge t develop is a cor	ance. It consis o minimize dis bed by the Erie htributing elem	sts of a concrete sruption of the r e RR 1907-1910	e lined tunnel neighborhood ). The bridge	through rock above. The t is individually	supporting bui unnel lining is / eligible for list	orridor. It is essentially unaltu Idings and streets above. A t part of the historically and te ing in the National Register of unnel Historic District under (	tunnel was chose chnologically sign of Historic Places	en instead of a nificant route	
INFOR MATION	Bibliography: "Beginning of Erie's Terminal Improvements." Railway Age. Vol.46, 28 Dec. 1906, pp. 831-834. "The New Four-track Entrance of the Erie Railroad into Jersey City." Engineering Record Vol. 57., 18 April 1908, pp. 516-518. The Bergen Hill Four-Track Tunnels, Erie RR." Engineering Record. Vol. 60., 18 Dec. 1909, pp. 687-88. Erie Railroad Magazine. Sept. 1957. "Erie Terminal Improvements in Jersey City" The Railroad Gazette Vol. XLIV, No. 20, May 15, 1908 pp. 669-672 "The New Four-Track Line of the Erie Railroad Through Bergen Hill, Jersey City" Engineering News Vol. 58, No. 8 February 21, 1907 pp. 204-205									
	Physical Description: The structure consists of a 60'-long, 200'- wide tunnel lined with unreinforced concrete (except that the portal is tied back into the rest of the lining with steel reinforcement). The tunnel runs through solid rock (diabase). The tunnel and entire right-of-way are now abandoned.									
	element Palisad to the p passen was ren The driv strata, a	t of the Berger es) in Jersey ( roblem of getti ger terminal or hoved than in a ring and lining and the presen	n Archways, the City. Designed b ing a large quai n the waterfront any other such of the tunnel w	e open cut wit by the engine ntity of comm of the Hudsc project up to as complicate nnel running	h intersperse ering departn uter passeng on River east that time. Th ed by the wid just north of t	d tunnels and onent of the Eric er trains from s of the hill. The e Archways rou e span (sufficie	bur on the route, is historicall overpasses that traverses Be Railroad, the right-of-way w several different rail lines we: Archways was a major engir ute is 4400' long, 60' wide at ent for four tracks), the treach (Criterion C). The structure is	ergen Hill (also kr as built 1907-19 st of Bergen Hill neering work in w the bottom, and nerous inclination	nown as the 10 as a solutio to the Erie RR hich more roo 40' to 75' deep of the rock	
	The ope "bridges (Erie Ra	The result of the improvement program was an open cut four-track route with four tunnels under major streets and street intersections. The open cut allowed smoke and fumes from locomotives to escape. The route drew its name from the dramatic effect created by the "bridges of living rock left standing over the cut, an effect emphasized by the width of the tunnels and the sheerness of the walls of the cu (Erie Railroad Magazine. p. 15). At this point the Archways route parallels the Erie Railroad's original 1858 route through Bergen Hill. By the 1890s that old route was not adequate to handle the traffic volume.								
	RR's Ho	The Archways ceased to be used for passenger trains in 1956-57 with the transfer of all Erie RR passenger trains to the Lackawanna RR's Hoboken Terminal. It continued to be used for freight trains until the mid-1980s, but is now abandoned and has become overgrowr with trees and brush.								
	passeng four-trac a regula	ger traffic into ck tunnels carr ar bridge) in the	a built-up urbar rying streets ov	n area and thr er the cut are ictures (four t	rough a solid probably the unnels and tw	rock barrier. It largest "tunne	n railroad corridor to accomm has two pioneering reinforce I bridges" (a tunnel primarily ch overpasses) have been ev	d concrete arch dug to serve as	oridges and its a substitute fo	
							toric context of the ambitious right-of-way is also fairly wel			

development. It has historical, and technical cohesiveness. The setting of the right-of-way is also fairly well preserved. Thus the tunnel and the entire 4400'-long Bergen Archways right-of-way are evaluated as a district with this structure being an individually eligible and a contributing resource.

PHOTO: 25:22,24 (05/17/91)

REVISED BY (DATE):

QUAD: Jersey City

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NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	IRE # 09	51170	CO HUDSON	N	OWNER NJDOT	MILEPOINT	0.0				
NAME & FEAT	-	K BLVD OVER C	ONRAIL BERG	EN ARCHWAYS	FACILITY JFK BOULEVAR	D					
TOWNSHIP	JERSEY C	ITY									
TYPE TUNN	EL			DESIG	iN	MATERIAL	Concrete				
# <b>SPANS</b> 1		LENGTH	60 ft <b>W</b>	<b>DTH</b> 200 ft							
CONSTRUCTI	ON DT	1908	ALTERATI	ON DT	SOURCI	E NJDOT					
DESIGNER/P/	ATENT	ERIE RR OFFIC	CE OF ENGINE	ER	BUILDEI	R MILLARD CONST CO (F	PHILA)				
SETTING / The structure carries the Bergen Archways route under an arterial street. The Archways is a tunnel-cut built by the former Erie RR 1907- 1910 to provide a new four-track passenger line through the higher portions of Jersey City to the waterfront. Surrounding the structure is a mid-20th century urban commercial area. The railroad is now abandoned and the cut is overgrown with brush and trees.											
1995 SURVEY	RECOMME	NDATION Elig	ible	HIS	STORIC BRIDGE MANAGEMEN	IT PLAN ( EVALUATED )	Yes				
CONSULT ST		Individually Eligible. Erie RR Main Line Historic District, Eligible. Erie RR Bergen Archway / Bergen Hill Tunnel Historic District, Eligible. Contributing.									
CONSULT DO	CUMENTS		0	02/20/98, Comment	s 3/10/99 4/27/00.						
SUMMARY	consists of RR built on Bergen Hill Places. In a and C.	a concrete-lined the Bergen Arch to get to Hudson addition, it is a co	tunnel with con ways route 190 River and New	crete retaining wall v 7-1910. The rail line v York City. The bridg	f the Bergen Archways route. It r vith the boulevard above. It is on- is historically significant in its ap ge is individually eligible for listin ad Bergen Archways/Bergen Hill	e of four concrete lined tun proach to solving a difficult g in the National Register c	nels the Erie t crossing of of Historic				
INFOR MATION	"The New F The Berger Erie Railroa "Erie Termi	of Erie's Termina Four-track Entran h Hill Four-Track ad Magazine. Sep nal Improvement	ce of the Erie R Funnels, Erie R ot. 1957. s in Jersey City	ailroad into Jersey C R." Engineering Rec " The Railroad Gaze	46, 28 Dec. 1906, pp. 831-834. City." Engineering Record Vol. 57 ord. Vol. 60., 18 Dec. 1909, pp. 4 tte Vol. XLIV, No. 20, May 15, 19 Hill, Jersey City" Engineering Ne	687-88. 908 pp. 669-672					
	204-205 Physical De back into th west tunnel	escription: The st he rest of the linin portal retains fill.	ructure consists g with steel reir The tunnel is i	of a 60'-long, 200'- forcement). The tun mmediately south of	wide tunnel lined with unreinforce nel runs through solid rock (diaba the Erie Railroad's original 1858 s adjacent to the western portal d	ed concrete (except that the ase). A concrete retaining version of the second sec	e portal is tied wall above the				
	Historical a contributing known as til 1910 as a s Hill to the E work in whi bottom, and treacherous	nd Technological g element of the E solution to the pro- rie RR's passeng ch more rock was d 40' to 75' deep. s inclination of the	Significance: T Bergen Archway lersey City. Des blem of getting ger terminal on s removed than The driving and e rock strata, ar	The concrete-lined tu rs, the open cut with signed by the engine a large quantity of c the waterfront of the in any other such pr d lining of the tunnel ad the presence of th	nnel, one of four on the line, is hi interspersed tunnels and overpa ering department of the Erie Rail ommuter passenger trains from Hudson River east of the hill. Th oject up to that time. The Archwa was complicated by the wide spa ie old tunnel running just north of resource to the Bergen Archways	istorically important as an our sees that traverses Berger lroad, the right-of-way was several different rail lines was e Archways was a major er ays route is 4400' long, 60' an (sufficient for four tracks is the 1907 work (Criterion Compared to the second to th	n Hill (also built 1907- vest of Bergen ngineering wide at the ), the				
	The open c "bridges of (Erie Railro	ut allowed smoke living rock left sta ad Magazine. p.	and fumes fro anding over the 15). At this poin	m locomotives to eso cut, an effect empha	ack route with four tunnels under cape. The route drew its name fr asized by the width of the tunnels e parallels the Erie Railroad's orig olume.	om the dramatic effect creater and the sheerness of the	ated by the walls of the cut				
		ken Terminal. It c			7 with the transfer of all Erie RR s until the mid-1980s, but is now						
	passenger four-track to a regular bi	traffic into a built- unnels carrying st ridge) in the state	up urban area a reets over the o . Six structures	and through a solid r cut are probably the	n of inserting a railroad corridor to ock barrier. It has two pioneering largest "tunnel bridges" (a tunnel o concrete-arch overpasses) hav	reinforced concrete arch to primarily dug to serve as a	oridges and its a substitute for				
	developme well preserv	nt. It is part of a r	ight-of-way that nel and the ent	has visual, historica ire 4400'-long Berge	within the historic context of the I, and technical cohesiveness. T n Archways right-of-way are eval	he setting of the right-of-wa	ay is also fairly				

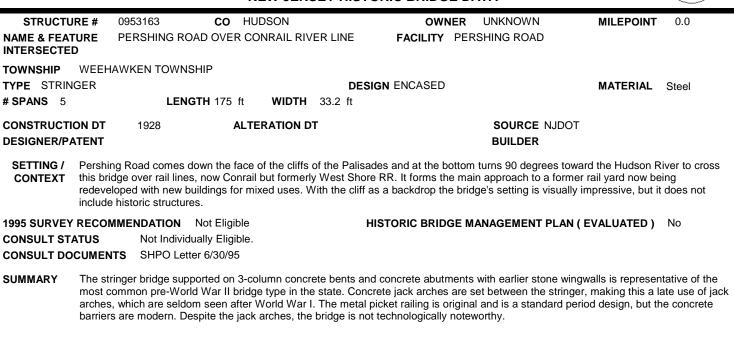
PHOTO: 25:21 (05/17/91)

REVISED BY (DATE):

QUAD: Jersey City

Correction Updates Etc should be sent to Correspondence.Unit@DOT.State.NJ.US

#### NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 23:34-35 (04/28/91)

REVISED BY (DATE):

### NEW JERSEY HISTORIC BRIDGE DATA

			•	$\bigcirc$
STRUCTURE # NAME & FEATURE	0954160 TONNELE AVE OV	CO HUDSON ER PATH & CONRAIL JERSEY	OWNER UNKNOWN FACILITY TONNELE AVENUE	MILEPOINT 0.0
INTERSECTED	CITY BRANCH			
	EY CITY			
TYPE STRINGER # SPANS 2	LENGTH		SIGN ENCASED	MATERIAL Steel
	-			
CONSTRUCTION DT DESIGNER/PATENT	1936	ALTERATION DT	SOURCE NJD Builder	01
			bid-transit line and ConRail's Jersey City fr es, modernized row houses, and some mo	
1995 SURVEY RECO CONSULT STATUS	MMENDATION Not Not Individually	Eligible Eligible.	HISTORIC BRIDGE MANAGEMENT PLA	AN (EVALUATED) No
CONSULT DOCUMEN	ITS SHPO Letter 6/	30/95		
			cture is a representative example of the mo sidewalks. The bridge is neither historicall	

INFOR MATION

PHOTO: 22:6,7 (04/26/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA

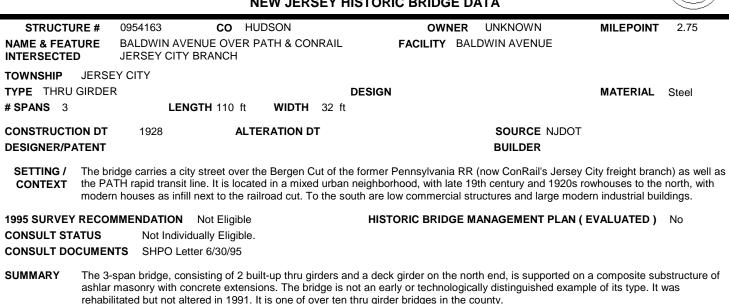
STRUCTURE # NAME & FEATURE INTERSECTED		CO HUDSON IE OVER PATH & CO	NRAIL JERSEY	OWNER Facility Su	UNKNOWN MMIT AVENUE	MILEPOINT	0.0
TOWNSHIP JER TYPE DECK GIRE # SPANS 2		<b>FH</b> 180 ft <b>WIDT</b> F	DESIGI 1 36 ft	N ENCASED		MATERIAL	Steel
CONSTRUCTION D	-	ALTERATION	DT		SOURCE NJDOT BUILDER		
CONTEXT loca	ted in a modern comr		story structures n	earby and large of	R, which also contains th ffice buildings beyond. F		
1995 SURVEY REC CONSULT STATUS CONSULT DOCUM	Not Individua	, .	HIS	TORIC BRIDGE N	MANAGEMENT PLAN (	EVALUATED )	No
are	enclosed by a concre	te balustrade with sha	llow engaged pos	sts, and the girder	utments and massive pie fascias are paneled. Alt porically or technologicall	hough larger that	

INFOR MATION

#### PHOTO: 22:8,9 (04/26/91)

REVISED BY (DATE):

**NEW JERSEY HISTORIC BRIDGE DATA** 



INFOR MATION

#### PHOTO: 22:10-11 (04/26/91)

**REVISED BY (DATE):** 

# NEW JERSEY HISTORIC BRIDGE DATA



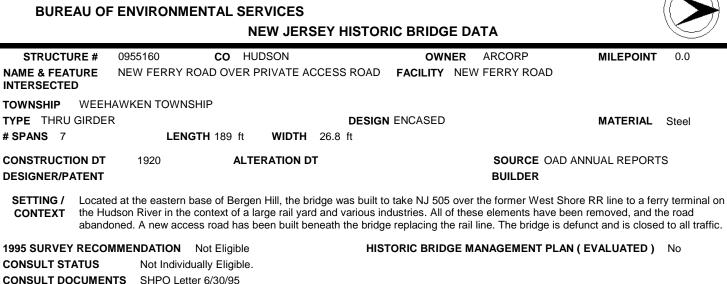
					DATA		$\sim$
STRUCTURE #	0954164	CO HUDS		OWNER		MILEPOINT	0.0
AME & FEATURE	CHESTNUT AV		& CONRAIL JERSEY	FACILITY C	HESTNUT AVENUE		
OWNSHIP JERSI	EY CITY						
YPE THRU GIRDE	R		DES	GN		MATERIAL	Steel
SPANS 1	LEN	GTH 103 ft	WIDTH 30 ft				
CONSTRUCTION DT	1918	ALTER	ATION DT 1989		SOURCE NJDOT		
DESIGNER/PATENT					BUILDER		
995 SURVEY RECO	nized.	Not Eligible			ling the bridge are a mix		·
CONSULT DOCUMEN		, ,					
barrier face o	r. The span was r	ehabilitated circa the pedestrian ba	1989. This work inclu	ded installation of	cantilevered sidewalks a steel corrugated flooring ges in the county. The s	pans, concrete ci	urbs at the inr
INFOR							

MATION

PHOTO: 22:12-14 (04/26/91)

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION



**SUMMARY** The main span of the curving 7-span viaduct is a partially encased built-up thru girder with floor beams. The five east approach spans that handle the grade transition are short concrete girders on concrete bents, and the short flared approach span on the west side is stringers supported on a concrete abutment and a steel bent. The bridge is not common in profile, but it is composed of common structural types and is technologically undistinguished. The closed road it carries is brick paved.

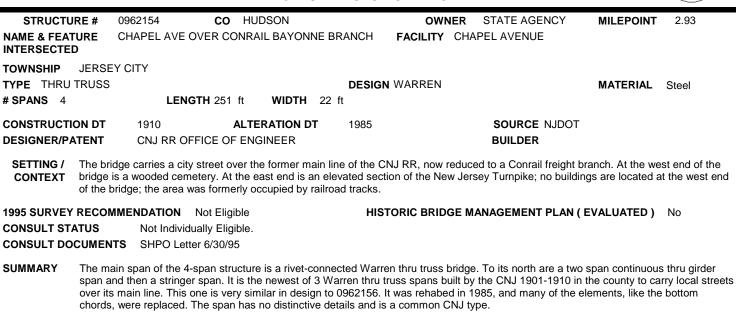
INFOR MATION

#### PHOTO: 23:32-33 (05/28/91)

5/28/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA

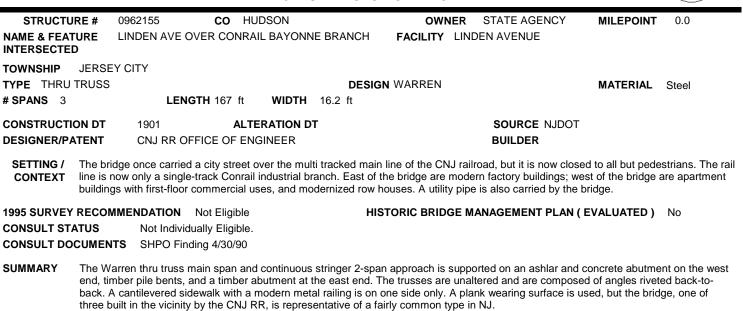


INFOR MATION

PHOTO: 28:10-16;29:32- (05/31/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



INFOR MATION

PHOTO: 28:17-22 (05/31/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



	NEW JERSEY HISTORIC BRIDGE DAT	A
STRUCTU NAME & FEA INTERSECTE	TURE GATES AVE OVER CONRAIL BAYONNE BRANCH FACILITY GATES	STATE AGENCY <b>MILEPOINT</b> 0.0 S AVENUE
TOWNSHIP TYPE THRU # SPANS 2	JERSEY CITY TRUSS DESIGN WARREN LENGTH 183 ft WIDTH 17.8 ft	MATERIAL Steel
CONSTRUCT		SOURCE NJDOT Builder Unknown
SETTING / CONTEXT	The bridge carried a city street over the multi tracked main line of the CNJ railroad. It i Conrail freight branch. The span is located on the east edge of an undistinguished urb century rowhouses, all remodeled. To the east is vacant land formerly used for railroad	an residential area of late-19th and early-20th
1995 SURVEY CONSULT ST CONSULT DO	ATUS Bridge was Not Individually Eligible.	IAGEMENT PLAN (EVALUATED) No
SUMMARY	The 2-span rivet-connected bridge is composed of a Warren thru truss and a Warren south and a concrete abutment on the north. Neither span exhibits unusual design dei type and are thus technologically distinguished. The bridge is one of three thru trusses and 1910. Similar bridges built for the CNJ are in Union County.	ails, but they are good, unaltered examples of their
INFOR MATION	Bibliography: Anderson, Elaine. The Central Railroad of New Jersey's First 100 Years. Center for Ca Physical Description: The slightly skewed 2-span bridge is composed of one 5-panel ri	, 0,
	Warren pony truss approach span. The pony truss is unusual in that the end posts are the one on the northern end is concrete. A built-up steel bent supports the middle port composed of laced back-to-back angles while the inclined end posts and top chord are and the lateral braces are laced. The cantilevered sidewalk on one side only is enclose closed to all traffic, but it appears to be in unaltered condition. Its details are not distinct	not inclined. The southern abutment is stone while ion. The verticals and diagonals of the thru truss are built-up box sections. The portal braces are lattice, ed with the original lattice railing. The bridge is
	Historical and Technological Significance: The 1906 two-span bridge is a representative thru truss and the Warren pony truss. Neither span exhibits any distinctive construction details used by the CNJ throughout both Hudson and Union counties.	
	Historically the bridge chronicles Hudson County's important position in the transporta the four other metal trusses bridges the line built that survive in the county (0900003(c 0962155). The county is rich in major rail corridors because of its location opposite Ne was chartered in 1847, after which it developed its route from Elizabeth to Jersey City Pennsylvania. The route to Jersey City was completed in 1864. The bridge carries a ci industrial area containing primarily the CNJ's locomotive facilities, once said to be the was developed on filled land to handle passenger as well as freight trains. All elements	lemolished), 0962152(demolished), 0962154, w York City. The Central Railroad of New Jersey and west to the anthracite coal region of eastern ty street over the former CNJ main line to an largest in the U.S. The yard, begun in the 1860s, s of that facility were destroyed in the creation of

also extant in Union County. PHOTO: 201:28-31 (06/07/91)

REVISED BY (DATE):

Liberty State Park. This is one of four thru truss bridges the CNJ built in the area between 1901 and 1910. 0962152 (demolished Communipaw Avenue bridge built in 1908) has been evaluated as significant. CNJ thru truss bridges of similar age, type, and design are

#### NEW JERSEY HISTORIC BRIDGE DATA



<b>E #</b> 096	3153	CO	HUDSON		OW	NER	STATE AGENCY	MILEPOINT	5.8
		NNE BRA	ANCH OVER E	AST 22	ID FACILITY	BAY	ONNE BRANCH		
BAYONNE	CITY								
LATE GIRD	ER				DESIGN			MATERIAL	Steel
	LENG	<b>FH</b> 57 ft	WIDTH	12.1 1					
N DT	1901	A	LTERATION D	т			SOURCE NJDOT		
ENT	CNJ RR OFF		ENGINEER				BUILDER		
		Vot Eligibl	е		HISTORIC BRID	GE M	ANAGEMENT PLAN ( I	EVALUATED)	No
rus	Not Individua	ally Eligib	le.						
UMENTS	SHPO Lette	r 6/30/95							
UNIENIS	SHEO Lelle	0/30/93							
-							ormerly carrying five trac		
	RE COU STF BAYONNE LATE GIRC N DT ENT The bridge of ocated in au The neighbor ECOMMEN TUS	RE CONRAIL BAYO STREET BAYONNE CITY LATE GIRDER LENG N DT 1901 ENT CNJ RR OFF The bridge carries the for ocated in an undistinguis The neighborhood also co ECOMMENDATION M TUS Not Individual	RE CONRAIL BAYONNE BRA STREET BAYONNE CITY LATE GIRDER LENGTH 57 ft N DT 1901 AI ENT CNJ RR OFFICE OF B The bridge carries the former CNJ ocated in an undistinguished urbat The neighborhood also contains m EECOMMENDATION Not Eligibl TUS Not Individually Eligib	RE       CONRAIL BAYONNE BRANCH OVER E STREET         BAYONNE CITY         LATE GIRDER         LENGTH 57 ft         WIDTH         N DT       1901         ALTERATION D         ENT       CNJ RR OFFICE OF ENGINEER         The bridge carries the former CNJ RR multi-track ocated in an undistinguished urban residential ar         The neighborhood also contains modernized row         ECOMMENDATION       Not Eligible         TUS       Not Individually Eligible.	RE       CONRAIL BAYONNE BRANCH OVER EAST 22N STREET         BAYONNE CITY       LATE GIRDER         LATE GIRDER       LENGTH 57 ft         WIDTH       12.1 ft         N DT       1901         ALTERATION DT         ENT       CNJ RR OFFICE OF ENGINEER         The bridge carries the former CNJ RR multi-track main lin ocated in an undistinguished urban residential and comm         The neighborhood also contains modernized row houses of the commendation         VIS       Not Individually Eligible.	RE       CONRAIL BAYONNE BRANCH OVER EAST 22ND       FACILITY         STREET       STREET       SAYONNE CITY         BAYONNE CITY       LATE GIRDER       DESIGN         LENGTH 57 ft       WIDTH       12.1 ft         N DT       1901       ALTERATION DT         ENT       CNJ RR OFFICE OF ENGINEER       The bridge carries the former CNJ RR multi-track main line, now reduced to a cocated in an undistinguished urban residential and commercial area, with a m The neighborhood also contains modernized row houses of indeterminate age         ECOMMENDATION       Not Eligible       HISTORIC BRID         TUS       Not Individually Eligible.       HISTORIC BRID	RE       CONRAIL BAYONNE BRANCH OVER EAST 22ND       FACILITY       BAY         SAYONNE CITY       LATE GIRDER       DESIGN         LENGTH 57 ft       WIDTH       12.1 ft         N DT       1901       ALTERATION DT         ENT       CNJ RR OFFICE OF ENGINEER         The bridge carries the former CNJ RR multi-track main line, now reduced to a single ocated in an undistinguished urban residential and commercial area, with a modern The neighborhood also contains modernized row houses of indeterminate age, and ECOMMENDATION       Not Eligible         TUS       Not Individually Eligible.       HISTORIC BRIDGE M	RE       CONRAIL BAYONNE BRANCH OVER EAST 22ND       FACILITY       BAYONNE BRANCH         STREET       STREET       BAYONNE CITY         BAYONNE CITY       LATE GIRDER       DESIGN         LENGTH 57 ft       WIDTH       12.1 ft         N DT       1901       ALTERATION DT         ENT       CNJ RR OFFICE OF ENGINEER       BUILDER         The bridge carries the former CNJ RR multi-track main line, now reduced to a single track Conrail industrial ocated in an undistinguished urban residential and commercial area, with a modern plumbing supply house The neighborhood also contains modernized row houses of indeterminate age, and post-1950 brick houses         ECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (ETUS)	RE       CONRAIL BAYONNE BRANCH OVER EAST 22ND       FACILITY       BAYONNE BRANCH         STREET       STREET       BAYONNE CITY         BAYONNE CITY       LATE GIRDER       DESIGN       MATERIAL         LENGTH 57 ft       WIDTH       12.1 ft       MATERIAL         N DT       1901       ALTERATION DT       SOURCE NJDOT         ENT       CNJ RR OFFICE OF ENGINEER       BUILDER         The bridge carries the former CNJ RR multi-track main line, now reduced to a single track Conrail industrial branch, over a located in an undistinguished urban residential and commercial area, with a modern plumbing supply house and yard to the The neighborhood also contains modernized row houses of indeterminate age, and post-1950 brick houses and small apar         ECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)         TVS       Not Individually Eligible.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )

INFOR MATION

PHOTO: 28:31-32 (05/31/91)

REVISED BY (DATE):

#### NEW JERSEY HISTORIC BRIDGE DATA



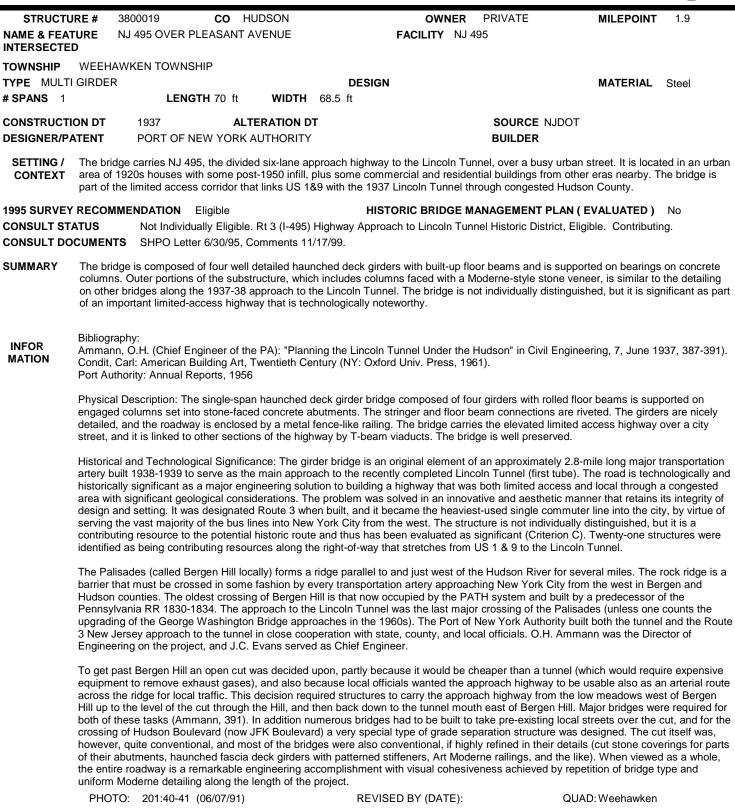
TERSECTED       STREET         DWNSHIP       BAYONNE CITY         (PE       THRU GIRDER       DESIGN       MATERIAL       Steel         SPANS       3       LENGTH 57 ft       WIDTH       12.1 ft         DNSTRUCTION DT       1901       ALTERATION DT       SOURCE NJDOT         ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and small brick apartment buildings, and a railroad yard.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         DISULT STATUS       Not Individually Eligible.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         ONSULT DOCUMENTS       SHPO Letter 6/30/95       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No						
TERSECTED       STREET         DWNSHIP       BAYONNE CITY         /PE       THRU GIRDER       DESIGN       MATERIAL       Steel         SPANS       3       LENGTH 57 ft       WIDTH       12.1 ft         DNSTRUCTION DT       1901       ALTERATION DT       SOURCE       NJDOT         ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         DNSULT STATUS       Not Individually Eligible.       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )       No         DNSULT DOCUMENTS       SHPO Letter 6/30/95       JMMARY       The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	STRUCTURE #	0963154 <b>CC</b>	HUDSON	OWNER STA	ATE AGENCY MILE	<b>POINT</b> 5.87
CPE       THRU GIRDER       DESIGN       MATERIAL       Steel         SPANS       3       LENGTH 57 ft       WIDTH       12.1 ft       SOURCE       NJDOT         DNSTRUCTION DT       1901       ALTERATION DT       SOURCE       NJDOT         ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER       UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It i located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.         P95 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         DNSULT STATUS       Not Individually Eligible.       Not Individually Eligible.       No         DNSULT DOCUMENTS       SHPO Letter 6/30/95       JMMARY       The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird form abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	IAME & FEATURE		BRANCH OVER EAST 21ST	FACILITY BAYONN	E BRANCH	
SPANS 3       LENGTH 57 ft       WIDTH 12.1 ft         ONSTRUCTION DT       1901       ALTERATION DT       SOURCE NJDOT         ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.         P95 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )         ONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.         ONSULT DOCUMENTS       SHPO Letter 6/30/95       JMMARY         The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	OWNSHIP BAYC	NNE CITY				
ONSTRUCTION DT       1901       ALTERATION DT       SOURCE NJDOT         ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.         P95 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED )         ONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.         ONSULT DOCUMENTS       SHPO Letter 6/30/95       JMMARY         The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	YPE THRU GIRDE	R	DESI	GN	MAT	ERIAL Steel
ESIGNER/PATENT       CNJ RR OFFICE OF ENGINEER       BUILDER UNKNOWN         SETTING / CONTEXT       The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.         195 SURVEY RECOMMENDATION       Not Eligible       HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED)       No         ONSULT STATUS       Not Individually Eligible.       Not Individually Eligible.       No         DNSULT DOCUMENTS       SHPO Letter 6/30/95       SHPO Letter 6/30/95       JMMARY         The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The centr spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	SPANS 3	LENGTH 57	ft WIDTH 12.1 ft			
<ul> <li>SETTING / The bridge carries the former CNJ RR multi-track main line, now reduced to a two-track Conrail industrial branch, over a city street. It is located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.</li> <li>SURVEY RECOMMENDATION Not Eligible HISTORIC BRIDGE MANAGEMENT PLAN (EVALUATED) No DNSULT STATUS Not Individually Eligible.</li> <li>DNSULT DOCUMENTS SHPO Letter 6/30/95</li> <li>JMMARY The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered</li> </ul>	CONSTRUCTION DT	1901	ALTERATION DT	S	OURCE NJDOT	
CONTEXT       located in an undistinguished urban residential and commercial area, with modernized row houses and post-1950 brick houses and sm brick apartment buildings, and a railroad yard.         195 SURVEY RECOMMENDATION       Not Eligible         195 SURVEY RECOMMENDATION       Not Individually Eligible.         195 SURVEY RECOMMENTS       SHPO Letter 6/30/95         198 JMMARY       The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	DESIGNER/PATENT	CNJ RR OFFICE C	OF ENGINEER	В	UILDER UNKNOWN	
DNSULT STATUS         Not Individually Eligible.           DNSULT DOCUMENTS         SHPO Letter 6/30/95           JMMARY         The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cen spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	brick a	apartment buildings, and a	a railroad yard.			
DNSULT DOCUMENTS         SHPO Letter 6/30/95           JMMARY         The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cen spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered			-	ISTORIC BRIDGE MANAG	GEMENT PLAN ( EVALUA	ATED) No
JMMARY The 3-span bridge on built-up steel bents and concrete abutments is composed of six thru girders, formerly carrying 5 tracks. The cent spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	CONSULT STATUS	Not Individually Eli	gible.			
spans have thru girders only for the main span, with stringers used for the approaches, while the outermost spans are same-depth gird from abutment to abutment. The bridge is nearly identical to nearby 0963153, also built in 1901. While a relatively early and unaltered	CONSULT DOCUME	NTS SHPO Letter 6/30/	95			
	spans from a	have thru girders only fo abutment to abutment. Th	r the main span, with stringers of bridge is nearly identical to ne	used for the approaches, w earby 0963153, also built ir	hile the outermost spans	are same-depth gird

INFOR MATION

PHOTO: 28:28-30 (06/07/91)

REVISED BY (DATE):

NEW JERSEY HISTORIC BRIDGE DATA





### NEW JERSEY HISTORIC BRIDGE DATA



STRUCTU	JRE # 38	300020	CO	HUDSON		OWN	ER PRIVATE	MILEPOINT	2.3
NAME & FEA INTERSECTE	-	J 495 VIAI	DUCT OVER V	ACANT LAND		FACILITY	NJ 495 VIADUCT		
TOWNSHIP	WEEHAW	KEN TOV	VNSHIP						
TYPE T BEA	M				DESIG	N		MATERIAL	Reinforced
<b># SPANS</b> 7		L	ENGTH 172 ft	WIDTH	69 ft				Concrete
CONSTRUCT	ION DT	1937	AI	TERATION D	-		SOURCE NJI	ТОСТ	
DESIGNER/P	ATENT	PORT (	OF NEW YOR	AUTHORITY			BUILDER		
SETTING / CONTEXT	between ty	wo city str	eets. It connec	ts 3800019, a d	eck girder spa	n over a city st	erving as the approach reet, with 3800024 ove and apartment buildin	er Park Avenue. The	
1995 SURVEY	RECOMM	ENDATIO	N Eligible		HIS	TORIC BRIDG	E MANAGEMENT PL	AN ( EVALUATED )	No
CONSULT ST	ATUS	Not Ind	ividually Eligibl	e. Rt 3 (I-495) I	- Highway Appro	ach to Lincoln	Tunnel Historic Distric	t, Eligible. Contributi	ng.
CONSULT DO	CUMENTS	SHPO	Letter 6/30/95,	Comments 11/	17/99.				
SUMMARY	the roadw 38 corrido	ay, and a r r to link U	stone-faced pa S 1&9 with the	rapet serves as	a curb on the	lower level. The Lincoln Tunne	with arched fascia be he bridge is a well-pres el. The highway is a his sted area.	erved original elemer	nt of the 1937-
INFOR MATION		Ó.H. "Plar	nning the Linco v York. Annual		r the Hudson,'	' Civil Engineei	ing, 7, (June, 1937), p	p. 387-391.	
	concrete p used wher	arapets. 7 e the viad	he viaduct is p uct, used to ma	art of a large, c aintain grade be	ontinuous stru etween two deo	cture, so the e	finished with arched fa xact number of spans s over local streets, is ars to be unaltered.	was not determined.	The slab is
	transporta technologi through a retains its the city, by distinguish	tion artery cally and I congested integrity o virtue of ied, but it i	built 1938-193 historically sign area with sign f design and se serving the vas s a contributin	9 to serve as the ificant as a maj ificant geologic etting. It was de tot majority of the g resource to the	e main approa or engineering al consideratio signated Route bus lines into e potential his	ach to the rece solution to bu ons. The proble 3 when built, New York City toric route and	riginal element of an a ntly completed Lincoln ilding a highway that w m was solved in an inr and it became the hea / from the west. The st thus has been evaluat e right-of-way that stret	Tunnel (first tube). T as both limited acces novative and aestheti viest-used single cor ructure is not individu ed as significant (Cri	the road is and local c manner that mmuter line into ually terion C).
	barrier tha Hudson co Pennsylva upgrading 3 New Jers	t must be ounties. Th nia RR 18 of the Ge sey approa	crossed in som the oldest cross 30-1834. The a prge Washingt ach to the tunn	ne fashion by ev ing of Bergen H approach to the on Bridge appro	very transporta ill is that now of Lincoln Tunne paches in the 1 peration with st	tion artery app occupied by the el was the last i 960s). The Po ate, county, ar	of the Hudson River for roaching New York Cit e PATH system and bu major crossing of the F rt of New York Authorit Id local officials. O.H. A	y from the west in Be uilt by a predecessor Palisades (unless one by built both the tunne	ergen and of the e counts the el and the Route
	equipment across the Hill up to the both of the crossing o however, c of their abut the entire is uniform Me	to remove ridge for he level of ese tasks ( f Hudson quite conve utments, h roadway is oderne de	e exhaust gase ocal traffic. Th the cut throug Ammann, 391 Boulevard (nov entional, and n aunched fasci s a remarkable tailing along th	es), and also be is decision requ h the Hill, and t J. In addition nu v JFK Boulevan host of the bridg a deck girders v engineering ac e length of the p	cause local off ired structures hen back dowr merous bridge d) a very speci les were also o vith patterned complishment broject.	icials wanted t to carry the ap to the tunnel is had to be bu al type of grad conventional, if stiffeners, Art N with visual coh	be cheaper than a tuni he approach highway to pproach highway from mouth east of Bergen ilt to take pre-existing l e separation structure highly refined in their Moderne railings, and t resiveness achieved by evelopment that is histor	o be usable also as a the low meadows we Hill. Major bridges we ocal streets over the was designed. The c details (cut stone cov he like). When viewe y repetition of bridge	an arterial route est of Bergen ere required for cut, and for the ut itself was, rerings for parts d as a whole, type and
	noteworthy	/. Because	e of the commo	onality of desigr	, type, setting	and history th	at the structures on the th US 1 & 9 and the Li	e route share and the	state of

preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 201:42,43 (06/07/91)

REVISED BY (DATE):

# NEW JERSEY DEPARTMENT OF TRANSPORTATION

## BUREAU OF ENVIRONMENTAL SERVICES

**NEW JERSEY HISTORIC BRIDGE DATA** 

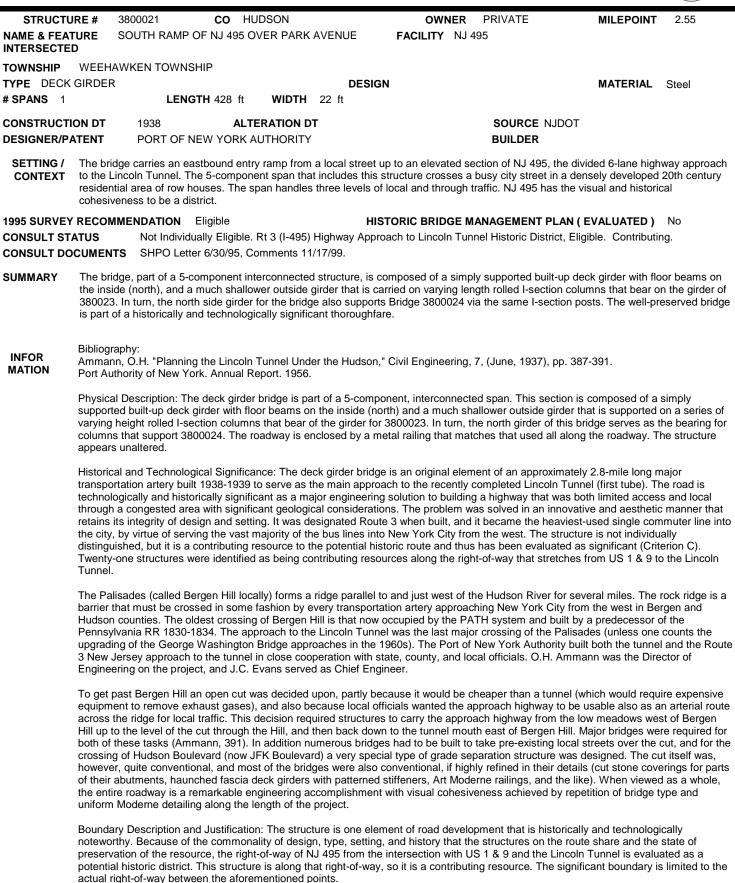


PHOTO: 201:33-36; also (06/07/91)

REVISED BY (DATE):



#### NEW JERSEY HISTORIC BRIDGE DATA

STRUCTU	RE # 3800024	CO HUDSON	OWNER PRIVATE	MILEPOINT 0.0
NAME & FEAT		( AVENUE	FACILITY NJ 495	
TOWNSHIP	WEEHAWKEN TOWNSHIP			
TYPE DECK	GIRDER	D	ESIGN	MATERIAL Steel
# <b>SPANS</b> 1	LENGTH	111 ft <b>WIDTH</b> 69 ft		
CONSTRUCT	<b>DN DT</b> 1938	ALTERATION DT	SOURCE NJDO	т
DESIGNER/P/		YORK AUTHORITY	BUILDER	
SETTING / CONTEXT	structure overpass that also	carries an access ramp to US	e highway approach to Lincoln Tunnel, over a 495 and a local-traffic service road over Park rea of row houses. This bridge is flanked by sp	Ave. The 3-level structure is
1995 SURVEY	<b>RECOMMENDATION</b> Elig	ble	HISTORIC BRIDGE MANAGEMENT PLAN	(EVALUATED) No
CONSULT ST		Eligible. Rt 3 (I-495) Highway 30/95, Comments 11/17/99.	Approach to Lincoln Tunnel Historic District, E	Eligible. Contributing.
CONSOLI DO				
SUMMARY	connected by floor beams, a railing is used as a protective	nd the rolled stringers bear or	ar on engaged columns and rolled stringers with a steel columns carried by the flanking girders bridge is an original element in the technologic n the late 1930s.	of parallel spans. A plain metal
INFOR MATION	Bibliography: Ammann, O.H. "Planning the Port Authority of New York. A		dson," Civil Engineering, 7, (June, 1937), pp. 3	387-391.
	up deck girders with floor bea	ams on the inside (north) and	el of a 5-component, interconnected span. This rolled stringers with stiffeners on the outside. I by a metal railing that matches that used all a	The stringer rolled section column
	transportation artery built 193 technologically and historical through a congested area wi retains its integrity of design the city, by virtue of serving t distinguished, but it is a cont	88-1939 to serve as the main ly significant as a major engin in significant geological consider and setting. It was designated he vast majority of the bus lin- ributing resource to the potential	bridge is an original element of an approximal approach to the recently completed Lincoln Tu leering solution to building a highway that was derations. The problem was solved in an innov Route 3 when built, and it became the heavie es into New York City from the west. The struc- tial historic route and thus has been evaluated g resources along the right-of-way that stretche	nnel (first tube). The road is both limited access and local ative and aesthetic manner that est-used single commuter line into ture is not individually as significant (Criterion C).
	barrier that must be crossed Hudson counties. The oldest Pennsylvania RR 1830-1834 upgrading of the George Wa 3 New Jersey approach to th	in some fashion by every tran crossing of Bergen Hill is tha . The approach to the Lincoln shington Bridge approaches in	rallel to and just west of the Hudson River for s sportation artery approaching New York City f t now occupied by the PATH system and built Tunnel was the last major crossing of the Pali n the 1960s). The Port of New York Authority b with state, county, and local officials. O.H. Am of Engineer.	rom the west in Bergen and by a predecessor of the sades (unless one counts the built both the tunnel and the Route
	equipment to remove exhaus across the ridge for local traf Hill up to the level of the cut both of these tasks (Amman crossing of Hudson Bouleval however, quite conventional, of their abutments, haunched	It gases), and also because lo fic. This decision required stru- through the Hill, and then bac n, 391). In addition numerous d (now JFK Boulevard) a very and most of the bridges were I fascia deck girders with patter rkable engineering accomplisi	rtly because it would be cheaper than a tunnel ocal officials wanted the approach highway to b ictures to carry the approach highway from the k down to the tunnel mouth east of Bergen Hill bridges had to be built to take pre-existing local y special type of grade separation structure wa also conventional, if highly refined in their det erned stiffeners, Art Moderne railings, and the ment with visual cohesiveness achieved by refined	be usable also as an arterial route e low meadows west of Bergen . Major bridges were required for al streets over the cut, and for the s designed. The cut itself was, ails (cut stone coverings for parts like). When viewed as a whole,
	noteworthy. Because of the opreservation of the resource,	commonality of design, type, s the right-of-way of NJ 495 fro s structure is along that right-o	e element of road development that is historic setting, and history that the structures on the ro m the intersection with US 1 & 9 and the Linco f-way, so it is a contributing resource. The sig	oute share and the state of oln Tunnel is evaluated as a

PHOTO: 201:32-33, 37-3 (06/07/91)

REVISED BY (DATE):



#### NEW JERSEY HISTORIC BRIDGE DATA



PHOTO: 201:2,3,7 (06/07/91)

REVISED BY (DATE):





			NE	W JERSEY HIST	ORIC BRIDGE D	ΟΑΤΑ		$\leq$
STRUCTU NAME & FEAT INTERSECTE	TURE NJ	300027 J 495 OVER JI	<b>CO</b> HUD FK BOULEVAF		OWNER FACILITY NJ		MILEPOINT	0.0
TOWNSHIP TYPE MULTI # SPANS 5		KEN TOWNS	HIP <b>TH</b> 375 ft	DES WIDTH 78.5 ft	IGN		MATERIAL	Steel
CONSTRUCTI DESIGNER/PA	-	1937 PORT OF N	ALTER EW YORK AU	<b>ATION DT</b> THORITY		SOURCE NJDOT BUILDER UNKNO\	WN	
SETTING / CONTEXT						unnel, over a busy city st detached town houses a		
1995 SURVEY CONSULT ST CONSULT DO	ATUS	Individually	e ,			MANAGEMENT PLAN ( Historic District, Eligible.		No
SUMMARY	some with haunched. plate girde	stone facing to The roadway ter technology to	hat matches th is enclosed by o a complex en	e masonry used along a metal railing. The br gineering problem. It is	the historic approac idge is an impressive s individually eligible	ders supported on concru- h to the 1937 Lincoln Tur e and technologically sign for listing in the National toric District under Criteri	nnel. Most girder nificant application Register of Hist	s are on of deck
INFOR MATION		Ó.H. "Planning	the Lincoln Τι rk. Annual Rep		n," Civil Engineering	ı, 7, June, 1937, pp. 387-	391.	
	Helix. It is t arrangeme vary in leng	the uphill or we ent of the stiffer	estern end of th ners on the out	he Helix. The flared mu er face and plain built-	Iti girder bridge is may up girders on the interest	us elevated structure tha ade up of haunched girde erior. The floor beams an te columns, some of whic	ers with an aesth e also built up. T	hetic geometric The girders
	transportat technologia through a c retains its i the city, by distinguish	tion artery built cally and histor congested area integrity of des virtue of servi ed, but it is a c	1938-1939 to rically significat a with significat sign and setting ng the vast ma contributing res	serve as the main app nt as a major engineer nt geological considera I. It was designated Rc ijority of the bus lines in ource to the potential I	roach to the recently ing solution to buildir tions. The problem v ute 3 when built, and nto New York City fro nistoric route and thu	ment of an approximately completed Lincoln Tunn ng a highway that was bo was solved in an innovati d it became the heaviest- om the west. The structur is has been evaluated as ht-of-way that stretches	el (first tube). The oth limited access ve and aesthetic used single com re is not individu significant (Crite	ne road is s and local c manner that muter line into ally erion C).
	barrier that Hudson co Pennsylvar upgrading 3 New Jers	t must be cross ounties. The old nia RR 1830-1 of the George sey approach t	sed in some fai dest crossing o 834. The appro Washington B to the tunnel in	shion by every transpo f Bergen Hill is that no bach to the Lincoln Tur ridge approaches in the	rtation artery approa w occupied by the P anel was the last maj e 1960s). The Port o state, county, and lo	the Hudson River for sev iching New York City fron ATH system and built by jor crossing of the Palisau f New York Authority buil ocal officials. O.H. Amma	n the west in Be a predecessor o des (unless one It both the tunne	rgen and of the counts the I and the Route
	equipment across the Hill up to th both of the crossing of however, q of their abu the entire r	to remove exh ridge for local he level of the se tasks (Amn f Hudson Bould quite conventio utments, haund roadway is a re	naust gases), a traffic. This de cut through the nann, 391). In a evard (now JFF nal, and most o ched fascia deo emarkable engi	nd also because local cision required structu Hill, and then back do addition numerous brid (Boulevard) a very sp of the bridges were als ck girders with patterne	officials wanted the res to carry the appro- wan to the tunnel mo ges had to be built to ecial type of grade so o conventional, if hig ed stiffeners, Art Moo	cheaper than a tunnel (w approach highway to be to oach highway from the lo uth east of Bergen Hill. No o take pre-existing local s eparation structure was of hly refined in their details derne railings, and the likk iveness achieved by repe	usable also as a ow meadows wes fajor bridges we streets over the designed. The cu s (cut stone cove e). When viewed	n arterial route st of Bergen re required for cut, and for the it itself was, erings for parts a s a whole,
	noteworthy	/. Because of t	he commonalit	y of design, type, setti	ng, and history that t	opment that is historically he structures on the rout	e share and the	state of

preservation of the resource, the right-or-way of No 495 from the intersection with US 1 & 9 and the Lincoln 1 unnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 201:6,8-12 (06/07/91)

REVISED BY (DATE):

QUAD: Weehawken

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#### NEW JERSEY HISTORIC BRIDGE DATA



										$\sim$
STRUCTU	<b>JRE #</b> 3	800028	CO HU	DSON		OWN	IER	PRIVATE	MILEPOINT	0.0
NAME & FEAT	-	IORTH RAMP C	0F NJ 495 OV	/ER NORTI	H MARGINAL	FACILITY	NJ 49	95 NORTH RAMP		
TOWNSHIP	WEEHAV	VKEN TOWNSH	IIP							
TYPE DECK	GIRDER				DESIG	N			MATERIAL	Steel
<b># SPANS</b> 2		LENG	<b>FH</b> 69 ft	WIDTH	22 ft					
CONSTRUCT		1937		RATION D	г			SOURCE NJDOT		
DESIGNER/P		PORT OF NE			•			BUILDER		
			-							
SETTING / CONTEXT	NJ 495. It		o 3800027, a	nd it branch	es off the nort	h side of that s	structur	to the Lincoln Tunnel, re. The ramp is locate		
1995 SURVEY	RECOMM	ENDATION E	ligible		HIS	STORIC BRID	GE MA	NAGEMENT PLAN (	EVALUATED)	No
CONSULT ST	ATUS	Not Individua	ally Eligible. I	Rt 3 (I-495)	Highway Appr	oach to Lincoli	n Tunn	el Historic District, Eli	igible. Contributi	ng.
CONSULT DO	CUMENTS	SHPO Letter	· 6/30/95, Co	mments 11	/17/99.					
SUMMARY	The skew	ed 2-span haun	ched built-ur	o deck airde	r bridae with b	uilt-up floor be	ams of	varying lengths is su	ipported on conc	rete columns. It
	is a ramp style mas	leading from an	elevated sp bans on the h	an of simila historic 1938	r construction 3 approach to t	to a surface ro the Lincoln Tur	ad. Th	e concrete columns a he span is not techno	are faced in the s	ame Moderne-
INFOR MATION		Ó.H. "Planning			er the Hudson,	" Civil Enginee	ering, 7	, June, 1937, pp. 387	7-391.	
	Port of Ne	w York Authorit	y. Annual Re	eport. 1956.						
	to the Hel parallel to the outer	ix. It is the uphill it on the south. face and plain b	or western e The flared b uilt-up girder	end of the H ridge is mad s on the inte	lelix, and it is b de up of haund erior. The floor	best described thed girders wi beams are als	as the th an a so built	nous elevated structur north elevation of 38 esthetic geometric ar up. The girders vary faced. The bridge ap	00027, the struct trangement of the in length, owing	ture almost e stiffeners on to the flared
	transporta technolog through a retains its the city, b distinguisl	ation artery built ically and histor congested area integrity of desi y virtue of servir hed, but it is a c	1938-1939 to cally signific with signific gn and settir ng the vast m ontributing re	o serve as the ant as a ma ant geologic ng. It was de najority of the esource to the	he main appro jor engineerin cal considerationsiderationsiderationsiderationsiderationsiderationsiderations e bus lines internations potential history	ach to the rece g solution to bo ons. The problete 3 when built o New York Cir storic route and	ently co uilding em was , and it , and it ty from d thus h	ent of an approximate ompleted Lincoln Tun a highway that was b s solved in an innova became the heavies the west. The structure has been evaluated a of-way that stretches	nel (first tube). T oth limited acces tive and aesthetic t-used single con ure is not individu is significant (Crit	he road is as and local c manner that nmuter line into ually terion C).
	barrier tha Hudson co Pennsylva upgrading 3 New Jer	at must be cross ounties. The old ania RR 1830-18 of the George V	ed in some f est crossing 334. The app Washington I o the tunnel i	ashion by e of Bergen H roach to the Bridge appre n close coo	very transporta Hill is that now be Lincoln Tunn baches in the peration with s	ation artery ap occupied by th el was the last 1960s). The Po tate, county, a	proach ne PAT major ort of N	e Hudson River for se ing New York City fro H system and built by crossing of the Palisa lew York Authority bu al officials. O.H. Amm	om the west in Be y a predecessor ades (unless one ilt both the tunne	ergen and of the e counts the el and the Route
	equipmen across the Hill up to t both of the crossing c however, of their ab the entire uniform M	t to remove exh e ridge for local the level of the c ese tasks (Amm of Hudson Boule quite conventior putments, haunc roadway is a re loderne detailing	aust gases), traffic. This c cut through th ann, 391). Ir vard (now J hal, and mos hed fascia do markable en g along the le	and also be lecision require Hill, and the a addition nu FK Boulevar t of the bridg eck girders gineering ac ength of the	cause local of uired structure then back dow umerous bridg (d) a very spec ges were also with patterned ccomplishment project.	ficials wanted s to carry the a n to the tunnel es had to be b ial type of grac conventional, i stiffeners, Art t with visual co	the app approad mouth uilt to ta de sepa f highly Moder hesive	eaper than a tunnel ( proach highway to be ch highway from the I n east of Bergen Hill. ake pre-existing local aration structure was / refined in their detai ne railings, and the lil ness achieved by rep	e usable also as a ow meadows we Major bridges we streets over the designed. The cr ils (cut stone cov ke). When viewe setition of bridge to	an arterial route st of Bergen ere required for cut, and for the ut itself was, erings for parts d as a whole, type and
	noteworth	y. Because of th	ne commona	lity of desig	n, type, setting	, and history tl	nat the	ment that is historical structures on the rou	ite share and the	state of

PHOTO: 201:4,5,13 (06/07/91)

REVISED BY (DATE):



	NEW JERSEY HISTORIC BRIDGE DATA		
STRUCTU	RE # 3800030 CO HUDSON OWNER PRIVATE M	ILEPOINT	0.0
NAME & FEA			
TOWNSHIP	WEEHAWKEN TOWNSHIP		
TYPE MULT		ATERIAL	Steel
<b># SPANS</b> 2	LENGTH 179 ft WIDTH 89 ft		
CONSTRUCT			
DESIGNER/P	ATENT PORT OF NEW YORK AUTHORITY BUILDER		
SETTING / CONTEXT	The bridge is part of a long structure that carries NJ 495, the divided 6-lane approach to the Lincoln Tunnel, ove of the "helix" and serves as the bottom section of that viaduct, carrying the road up from the tunnel to Bergen Hi tunnel's toll plaza. It is part of the structure that includes 3800031 and concrete girder approach spans.		
1995 SURVE	RECOMMENDATION Eligible HISTORIC BRIDGE MANAGEMENT PLAN ( EVAl	LUATED )	No
CONSULT ST	ATUS Individually Eligible. Rt 3 (I-495) Highway Approach to Lincoln Tunnel Historic District, Eligible. Co	ntributing.	
CONSULT DO	CUMENTS SHPO Comments 11/17/99, Letter 03/12/01.		
SUMMARY	The 2-span bridge was originally composed of a series of 3 built-up haunched deck girders supported on stone- was widened by enlarging the abutments/pier in the same style and adding an additional built up girder. Care we detailing. The bridge is eligible as part of the engineering technology which functioned to collect traffic and funne Tunnel. An especially notable feature is the helix which carries the highway from the plaza level up to the cut the structure is individually eligible for listing in the National Register of Historic Places and would be a contributing 495/ Lincoln Tunnel Approach Historic District under Criteria A and C.	as taken to r el it into the rough Berge	natch original Lincoln n Hill. The
INFOR MATION	Bibliography: Ammann, O.H. "Planning the Lincoln Tunnel Under the Hudson," Civil Engineering, 7, June, 1937, pp. 387-391. Port Authority of New York. Annual Report. 1956.		
	Physical Description: The structure is essentially the foot section or west/uphill end of the Helix viaduct that carr Lincoln Tunnel plaza to the cut through Bergen Hill (3800031). This structure consists of two spans, each with for girders. The outer girders are haunched. The pier and abutments are of reinforced concrete partially faced with a geometric ornament in the areas not faced. These, plus the geometric decorative railings, and the pattern of the consistent with the Moderne style found on almost all the original structures on the approach.	our or five de stone, with s	eck plate some
	In connection with the addition of the third tube, the Port Authority added an additional westbound lane to the loc in 1956-57 (Port Authority, 1956, 22-23) On this portion of the viaduct, great care was taken to preserve the ori appearance of the bridge. The piers and abutments were extended, using the same stone facing, - and the origi with their curved bottom webs, were moved outward. A new, plain girder was installed where the .original girder original appearance of the bridge was maintained. In other respects the bridge has not been altered.	ginal aesthe	etic deck girders,
	Historical and Technological Significance: The multi girder bridge is an original element of an approximately 2.8- transportation artery built 1938-1939 to serve as the main approach to the recently completed Lincoln Tunnel (fir technologically and historically significant as a major engineering solution to building a highway that was both lin through a congested area with significant geological considerations. The problem was solved in an innovative ar retains its integrity of design and setting. It was designated Route 3 when built, and it became the heaviest-used the city, by virtue of serving the vast majority of the bus lines into New York City from the west. The structure is distinguished, but it is a contributing resource to the potential historic route and thus has been evaluated as sign Twenty-one structures were identified as being contributing resources along the right-of-way that stretches from Tunnel.	rst tube). Th nited access nd aesthetic d single com not individua nificant (Crite	e road is and local manner that muter line into ally erion C).
	The Palisades (called Bergen Hill locally) forms a ridge parallel to and just west of the Hudson River for several barrier that must be crossed in some fashion by every transportation artery approaching New York City from the Hudson counties. The oldest crossing of Bergen Hill is that now occupied by the PATH system and built by a property Pennsylvania RR 1830-1834. The approach to the Lincoln Tunnel was the last major crossing of the Palisades (upgrading of the George Washington Bridge approaches in the 1960s). The Port of New York Authority built bot 3 New Jersey approach to the tunnel in close cooperation with state, county, and local officials. O.H. Ammann we Engineering on the project, and J.C. Evans served as Chief Engineer.	west in Ber edecessor o unless one o h the tunnel	gen and f the counts the and the Route
	To get past Bergen Hill an open cut was decided upon, partly because it would be cheaper than a tunnel (which equipment to remove exhaust gases), and also because local officials wanted the approach highway to be usab across the ridge for local traffic. This decision required structures to carry the approach highway from the low model. Hill up to the level of the cut through the Hill, and then back down to the tunnel mouth east of Bergen Hill. Major both of these tasks (Ammann, 391). In addition numerous bridges had to be built to take pre-existing local street crossing of Hudson Boulevard (now JFK Boulevard) a very special type of grade separation structure was desig	le also as ar eadows wes bridges wer ts over the c	n arterial route t of Bergen e required for ut, and for the

crossing of Hudson Boulevard (now JFK Boulevard) a very special type of grade separation structure was designed. The cut itself was, however, guite conventional, and most of the bridges were also conventional, if highly refined in their details (cut stone coverings for parts of their abutments, haunched fascia deck girders with patterned stiffeners, Art Moderne railings, and the like). When viewed as a whole, the entire roadway is a remarkable engineering accomplishment with visual cohesiveness achieved by repetition of bridge type and uniform Moderne detailing along the length of the project.

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of

#### **NEW JERSEY HISTORIC BRIDGE DATA**

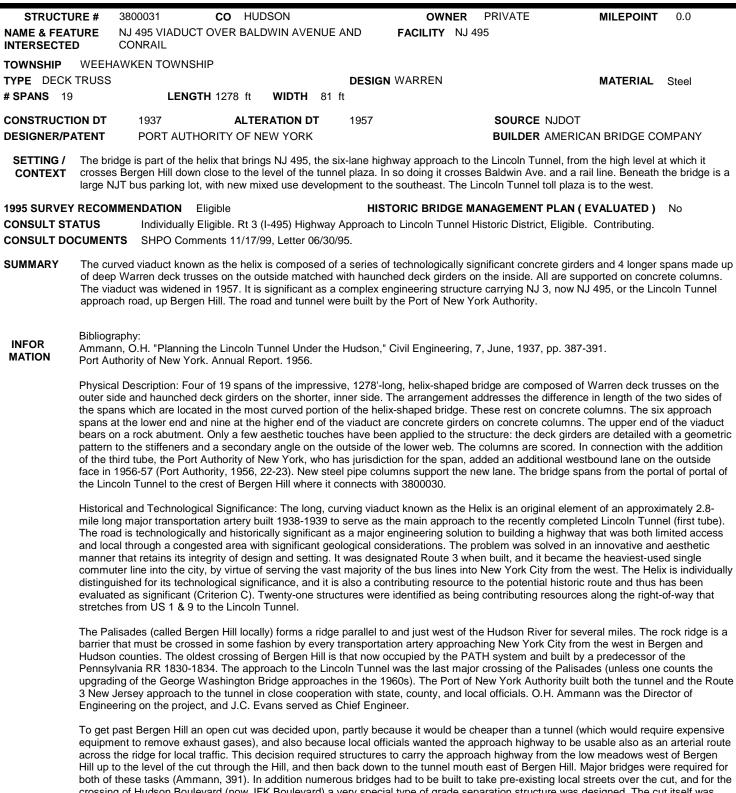


preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

PHOTO: 202:7-11,13-14 (06/07/91)

REVISED BY (DATE):

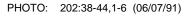
#### NEW JERSEY HISTORIC BRIDGE DATA



crossing of Hudson Boulevard (now JFK Boulevard) a very special type of grade separation structure was designed. The cut itself was, however, quite conventional, and most of the bridges were also conventional, if highly refined in their details (cut stone coverings for parts of their abutments, haunched fascia deck girders with patterned stiffeners, Art Moderne railings, and the like). When viewed as a whole, the entire roadway is a remarkable engineering accomplishment with visual cohesiveness achieved by repetition of bridge type and uniform Moderne detailing along the length of the project.

Boundary Description and Justification: The structure is one element of road development that is historically and technologically noteworthy. Because of the commonality of design, type, setting, and history that the structures on the route share and the state of preservation of the resource, the right-of-way of NJ 495 from the intersection with US 1 & 9 and the Lincoln Tunnel is evaluated as a potential historic district. This structure is along that right-of-way, so it is a contributing resource. The significant boundary is limited to the actual right-of-way between the aforementioned points.

**NEW JERSEY HISTORIC BRIDGE DATA** 



REVISED BY (DATE):