

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY -- NOMINATION FORM**

FOR NPS USE ONLY

RECEIVED AUG 29 1978

DEC 8 1978

DATE ENTERED

SEE INSTRUCTIONS IN *HOW TO COMPLETE NATIONAL REGISTER FORMS*
TYPE ALL ENTRIES -- COMPLETE APPLICABLE SECTIONS

1 NAME

HISTORIC

Barretts Tunnels

AND/OR COMMON

2 LOCATION

STREET & NUMBER

3015 Barrett Station Road

___ NOT FOR PUBLICATION

CITY, TOWN

Kirksville

___ VICINITY OF

CONGRESSIONAL DISTRICT

#2 - Hon. Robert Young

STATE

Missouri 63122

CODE

29

COUNTY

St. Louis

CODE

189

3 CLASSIFICATION**CATEGORY** DISTRICT BUILDING(S) STRUCTURE SITE OBJECT**OWNERSHIP** PUBLIC PRIVATE BOTH**PUBLIC ACQUISITION** IN PROCESS BEING CONSIDERED**STATUS** OCCUPIED UNOCCUPIED WORK IN PROGRESS**ACCESSIBLE** YES: RESTRICTED YES: UNRESTRICTED NO**PRESENT USE** AGRICULTURE COMMERCIAL EDUCATIONAL ENTERTAINMENT GOVERNMENT INDUSTRIAL MILITARY MUSEUM PARK PRIVATE RESIDENCE RELIGIOUS SCIENTIFIC TRANSPORTATION OTHER:**4 OWNER OF PROPERTY**

NAME

National Museum of Transport

STREET & NUMBER

3015 Barrett Station Road

CITY, TOWN

St. Louis

___ VICINITY OF

STATE

Missouri 63103

5 LOCATION OF LEGAL DESCRIPTIONCOURTHOUSE,
REGISTRY OF DEEDS, ETC.

Recorder of Deeds, St. Louis County Government Center

STREET & NUMBER

7900 Forsyth

CITY, TOWN

Clayton

STATE

Missouri 63105

6 REPRESENTATION IN EXISTING SURVEYS

TITLE

Missouri State Historical Survey

DATE

1976

 FEDERAL STATE COUNTY LOCALDEPOSITORY FOR
SURVEY RECORDS

Department of Natural Resources

CITY, TOWN

Jefferson City

STATE

Missouri 65101

7 DESCRIPTION

CONDITION		CHECK ONE	CHECK ONE
<input type="checkbox"/> EXCELLENT	<input type="checkbox"/> DETERIORATED	<input type="checkbox"/> UNALTERED	<input checked="" type="checkbox"/> ORIGINAL SITE
<input type="checkbox"/> GOOD	<input type="checkbox"/> RUINS	<input checked="" type="checkbox"/> ALTERED	<input type="checkbox"/> MOVED DATE _____
<input checked="" type="checkbox"/> FAIR	<input type="checkbox"/> UNEXPOSED		

DESCRIBE THE PRESENT AND ORIGINAL (IF KNOWN) PHYSICAL APPEARANCE

Barretts Railroad Tunnels penetrate hillsides through which passes the Pacific Railroad bed. This bed originally followed a ridge punctuated by narrow valleys. Beginning in 1853, these valleys have been filled in by developers, utilizing spoil from the tunnels, resulting in the creation of a series of terraces. The two railroad tunnels are approximately 1/4 mile apart and roughly face each other; the east tunnel is oriented east-west, the west tunnel southwest-northeast. The National Museum of Transport occupies the area between the tunnels, and this area is in turn bisected by Barretts Station Road along a southeast-northwest axis. North of the tunnels is commercial development; west and south, the present day Missouri Pacific tracks and a forested area that conceals a residential district.

The two tunnels are distributed along a one-half mile stretch of the original Pacific Railroad track approximately fifteen miles west of the eastern terminus of that railroad. They are cut through solid limestone and shale hills. The overlay above the tunnels varies, being 50 feet at the deepest point. It consists of limestone and soil covered with mixed scrub timber of the oak-hickory forest.¹

The West Tunnel, the shorter of the two, was originally 440 feet long but has eroded to its present 410 foot length.² The steep slope on either side of the east portal has been faced with a stepped cut stone retaining wall. The east and west ends of the west tunnel are reinforced with concrete portals. The rail bed rests on a rock ballast floor flanked by guttering. On either wall, cut stone wainscoting rises approximately five feet. Because of the occurrence of shale deposits in the walls, engaged piers line either side of the tunnel to provide additional stability. These piers are constructed of cut stone, brick, or concrete.³ They rest either on the wainscoting or on pedestals and are spaced approximately 12 feet apart. The tunnel is about 15 feet wide and 16 1/2 feet tall in the center. The ceiling is limestone caprock and slightly arched.

The East Tunnel penetrates solid limestone and has not required the elaborate reinforcement and portals of the west tunnel. Its appearance is more that of a mine shaft than a railroad tunnel. The track has been removed and there is standing water inside. The tunnel is bell shaped--18' wide at the bottom, 14' at the top, and 18' in height from floor to ceiling. It has eroded from its original 630 feet to its present length of 587 1/2 feet.⁴

The 1400 foot stretch between the tunnels was brought to grade by spoil from the tunnels, creating a fill up to 53 feet deep in places. The roadbed through the tunnels and across the fill dividing them, maintains a grade of just under 1%, varying from 0.81% to 0.87% running from west to east.⁵

1. The tunnel is a simple cut through the hillside.
2. The tunnel is a simple cut through the hillside.
3. The tunnel is a simple cut through the hillside.
4. The tunnel is a simple cut through the hillside.
5. The tunnel is a simple cut through the hillside.

UNITED STATES DEPARTMENT OF THE INTERIOR
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INVENTORY -- NOMINATION FORM**

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BARRETTS TUNNELS

CONTINUATION SHEET

ITEM NUMBER

2

PAGE

1

3015 Barrett Station Road
Kirkwood x vicinity of
Missouri 63122 29

#2 - Hon. Robert Young
St. Louis 189

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ALTERATIONS

Major alterations to Barretts Tunnels include:

1. 1856-1857: Stone piers erected in west tunnel for roof support
2. 1857-?: More stone piers, then brick piers and finally concrete piers erected
3. 1860: Original pear-shaped 56 pound imported Welsh iron rails set at 5'6 1/2" gauge replaced by more conventional "T" shaped rails
4. 1869: Original 5'6 1/2" gauge reduced to what is now standard gauge of 4'8 1/2"
5. 1915: 90 lb. ASCE rail laid
6. 1929: west tunnel reamed out and concrete portals and piers constructed and east tunnel also reamed out
7. 1930: 110 lb. RE rails laid
8. 1944: Missouri Pacific Railroad tracks removed from east tunnel (tracks in west tunnel remain).

CONDITION

There are no present threats to the soundness of the tunnels.

SITE

The area between the two tunnels is occupied by the National Museum of Transport. Its large collection of train engines, motor vehicles, and other modes of transportation are distributed throughout the grounds or housed in three pole barns and two frame buildings. Neither the buildings nor the displays are being nominated. While the exhibits include many items significant to the development of the nation's transportation system, they are not necessarily significant to the specific locale or to the construction and history of the Barretts Tunnels.

FOOTNOTES

1. Personal correspondence from Edward K. Fehlig to Orval L. Henderson, April 28, 1976.
2. Data excerpted from a draft National Register Inventory-Nomination Form prepared by John P. Roberts, M.D. (Secretary, National Museum of Transport).
3. Personal correspondence, Fehlig to Henderson.

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4. Data excerpted from a draft National Register Inventory-Nomination Form prepared by John P. Roberts, M.D.
5. Missouri Pacific Railroad Survey, File No. S-1367, December 6, 1943 (with later revisions).
6. Personal correspondence, Fehlig to Henderson; data excerpted from a draft National Register Inventory-Nomination Form prepared by John P. Roberts, M.D.

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KEY TO MAJOR EXHIBITS FOR LOCATOR MAP

1. 1905 Brooklyn Elevated electric car #1365
2. 1893 Locomotive, Forney-Chicago Lake Street Elevated #9
3. 1889 Locomotive - Missouri Pacific #635
4. 1920 Nickel Plate Caboose #1143
5. 1936 Dynamometer Test Car - University of Illinois
6. 1900 Locomotive, Chicago & Northwestern #1015
7. 1930 Locomotive, Electric, Pennsylvania #4700
8. Monsanto Library Car
9. Private Car - CB&Q
10. 1908 Hudson & Manhattan Subway Car #256
11. Illinois Terminal City electric car #410
12. 1893 General Electric Locomotive #1
13. 1908 Ferrovie dello Stato Locomotive E.550.025
14. 1896 St. Louis Public Service Street Sprinkler #60
15. 1894 St. Louis Public Service wrecker car #165
16. 1904 St. Louis Public Service Line maintenance car 77
17. Lincolnshire (England) double deck "country bus"
18. 1932 Indianapolis Railways Trolley Bus
19. 1939 Southern Railway diesel-electric locomotive #6100
20. 1935 Baltimore & Ohio Diesel-Electric #50
21. 1937 Sabine River & Northern Diesel-Electric #408

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22. 1965 GATX Tank car
23. 1950 Missouri Pacific Railbus #604
24. 1869 Missouri Pacific Derrick Wrecker X-136
25. 1942 Norfolk & Western locomotive #2156
26. 1943 Chesapeake & Ohio locomotive #2727
27. 1905 Illinois Central locomotive #764
28. 1905 Canadian National locomotive #5529
29. 1926 Frisco locomotive #1522
30. 1927 Nickel Plate locomotive #170
31. 1943 Southern Pacific locomotive #4460
32. 1905 Georgia Northern Combination car
33. Post Office - baggage car, CB&Q #1942
34. Baggage car CB&Q #1582
35. Chair car CB&Q #6117 (exhibit car)
36. 1918 Frisco locomotive #1621 ("Bolshevik")
37. 1926 Terminal Railroad Association locomotive #318
38. 1918 Milwaukee Electric locomotive #E-2
39. 1910 electric streetcar St. Louis Water Division #10
40. 1889 Inspection locomotive, Reading "Black Diamond"
41. 1873 Baltimore & Ohio locomotive #173
42. 1873 Chicago & Northwestern locomotive #274
43. 1876 Boston & Albany locomotive #39 "Eddy Clock"

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44. MKT boxcar #106
45. 1893 MKT locomotive #311
46. 1924 Illinois Terminal Interurban Car #104
47. 1928 Illinois Terminal electric locomotive #1595
48. 1918 Illinois Terminal electric locomotive #1575
49. 1916 Great Northern Vanderbilt tender
50. 1936 Joplin-Pittsburgh locomotive #1
51. 1896 Georgia Railroad locomotive #724
52. 1928 Alton & Southern locomotive #12
53. 1923 Chicago & Illinois Midland locomotive #551
54. 1941 Great Lakes Carbon locomotive #7
55. Terminal Railroad locomotive #146 cf. also 89
56. 1902 St. Louis Waterworks electric car #17
57. 1904 Wabash Railroad caboose #2229
58. 1921 St. Louis Public Service trailer #426
59. 1902 St. Louis St. Charles & Western streetcar #3009
60. 1895 Southern Electric car #855
61. 1903 St. Louis & Suburban car #615
62. 1910 St. Louis Public Service car #1065
63. 1908 Laclède-Christy locomotive #2
64. 1880 St. Louis Car Co. horse car

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65. Bellefontaine Railway horse car #33
66. Buffalo-Springfield road roller
67. Case farm traction engine
68. 1943 Santa Fe locomotive #5011
69. 1941 Union Pacific locomotive #4006
70. 1927 New York Central locomotive #2933
71. Duluth, Missabe & Iron Range locomotive #502
72. 1911 Delaware & Hudson #400 private car
73. 1925 Pullman "St. Carvan" sleeper
74. 1926 Chesapeake & Ohio "City Tavern" diner
75. 1905 Chesapeake & Ohio Vanderbilt Private Car
76. 1911 Soo Line Business Car 49
77. 1924 Baltimore & Ohio diesel locomotive #1
78. 1910 private car "Colonial"
79. 1940 Missouri Pacific parlor car #750
80. 1948 Burlington diner "Silverspoon"
81. 1948 Northern Pacific sleeper #482
82. 1947 Frisco mail-baggage car #251
83. 1906 New York Central electric locomotive #113
84. 1955 General Motors Aero train (3 units)
85. 1939 Burlington "General Pershing Zephyr" locomotive
86. 1903 St. Louis Public Service Car #2250

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87. 1921 St. Louis Public Service Car #742
88. 1910 Union Tank Car cf. also 55
89. TRRA tender
90. 1891 Wabash locomotive #573
91. 1900 St. L. IM&S boxcar
92. 1904 Anheuser Bush refrigerator car
93. 1920 ART refrigerator car
94. 1906 Frisco locomotive #3695
95. 1925 Delaware, Lackawanna & Western locomotive #952
96. 1908 C&EI coach #405
97. 1867 (?) Monon business car #90
98. 1891 Frisco business car #200
99. 1905 Cotton Belt mail-baggage car #71
100. 1921 Missouri Pacific commuter car #6210
101. 1905 Mississippi Central coach #A-250
102. 1941 Monsanto acid tank car
103. 1926 Boston & Maine gas-electric car
104. 1908 Illinois Terminal Interurban #241
105. 1926 Union Electric locomotive #1
106. Vinegar tank trailer
107. 1924 Fruin-Colnon White Crane truck
108. 1950 Omaha Transit articulated bus #1315

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- 109. Roman Aqueduct (1st century A.D.)
- 110. 1925 Autocar truck
- 111. 1925 Pevely milkwagon
- 112. 1920 Bemis Bag dray wagon
- 113. GMC vegetable vendor truck
- 114. 1924 GMC dump truck
- 115. Forest Park Highlands roller coaster
- 116. United Service Car (Dodge) 1950
- 117. 1963 Corvan
- 118. Covered farm wagon
- 119. chuck wagon
- 120. 1901 St. Louis automobile
- 121. 1914 Model T Ford
- 122. 1921 Cadillac
- 123. 1941 Cadillac
- 124. 1935 LaSalle
- 125. 1929 Rolls Royce
- 126. 1910 Buick Bus
- 127. 1906 Chase truck
- 128. 1904 Galloway express truck
- 129. 1915 International Stoke Truck
- 130. 1926 International furniture van

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131. 1935 Jaguar SS-1
132. 1925 Mack AC winch-flatbed truck
133. 1933 Mack-Mrazek moving van
134. 1920 Chicago truck
135. 1924 White truck cutaway chassis
136. 1901 Mobile steam truck
137. 1927 Studebaker - General fire truck
138. State Hospital #2 fire wagons (4) hose set, 2 tank carts and ladder wagon
139. 1935 Austin taxi (British)
140. 1949 Austin taxi (British)
141. 1934 Lambert 145 Monocoupe airplane (Lindbergh)
142. 1930 bus, double deck, Fifth Avenue open top, yellow coach
143. 1936 bus, double deck, Fifth Avenue closed top, "Queen Mary," yellow coach
144. 1925 Autocar moving van with Fageol body of 1940's.
145. 1929 Elgin street sweeper
146. Jinrickisha, Japanese
147. Jinrickisha, Indian
148. 1909 Pierce Arrow motorcycle
149. 1952 James motorcycle
150. 1937 BSA military motorcycle
151. 1867 Otto and Langen gas engine
152. 1934 Chevrolet stake truck
153. 1932 bus, Renault (Paris)

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154. 1931 Anheuser Bush private coach "Adolphus"
155. 1924 Toronto Transit Model Y yellow coach
156. 1926 GMC stake truck
157. 1920 electric fork lift - Municipal Opera
158. 1964 DiDia/Darin "Dream Car"
159. 1927 Falcon-Knight roadster
160. 1964 Chrysler turbine auto
161. 1960 Corvan sedan
162. Horsedrawn hearse ca. 1900
163. 1895 hansom cab
164. Open Charbanc-type omnibus - St. Louis World's Fair 1904
165. Two-seated cutter (sleigh) ca. 1890
166. OX-5 aircraft engine ca. 1919
167. 1959 Ford gas turbine truck
168. 1935 Sentinel steam lorry
169. 1909 glider aircraft
170. 1924 American LaFrance Pumper fire engine
171. 1925 Mack AC construction truck
172. 1961 Strick Realco van trailer
173. "Valhalla" road grader
174. St. Joe Minerals mining train
175. 1911 Jumbo farm traction engine

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176. 1930 Fifth Avenue double deck bus
177. 1940 London double deck bus A.E.C.
178. 1930 Plymouth locomotive, gas mechanical
179. 1930 Whitcomb diesel-mechanical locomotive
180. Five U.S. Army freight cars
181. 1943 C-47 USAF airplane
182. 1887 Baltimore & Ohio Drawbridge engine
183. 1949 International armored truck
184. 1937 St. Louis County Transit bus
185. 1929 Yellow Coach transit bus
186. 1929 Twin Coach transit bus
187. 1940 Yellow Coach diesel-hydraulic bus
188. 1936 Connecticut Company Yellow Coach Model 716
189. 1937 Greyhound Yellow Coach Model 743
190. 1935 New York Omnibus, Yellow Coach gas-electric
191. 1936 New York Omnibus - Yellow Coach
192. 1938 Public Service Coordinated New Jersey diesel-electric bus
193. 1925 Seidel Mack AC dump truck
194. 1924 Mack AB dump truck
195. 1953 Ford Stake truck
196. 1936 International farm state truck
197. 1929 Federal Wrecker

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198. 1941 St. Louis Public Service PCC streetcar
199. 1914 Panama Canal Locks towing locomotive
200. 1910 Lima - National Cash Register fireless steam locomotive
201. 1946 Street Railway Rail Grinder #215
202. 1893 Street Railway mail car
203. 1926 Mack AC truck tractor
204. 1923 American-LaFrance ladder wagon
205. 1926 Seagraves ladder wagon
206. CB&Q chair car #7200
207. General American milk tank car #1057
208. Standard Brands vinegar tank car #1634
209. MKT Caboose #1
210. MKT flat car #211
211. MKT gondola #326
212. MKT passenger coach #10
213. Pedicab Vietnamese, tricycle
214. 1901 Studebaker phaeton carriage

8 SIGNIFICANCE

PERIOD

AREAS OF SIGNIFICANCE -- CHECK AND JUSTIFY BELOW

<input type="checkbox"/> PREHISTORIC	<input type="checkbox"/> ARCHEOLOGY-PREHISTORIC	<input type="checkbox"/> COMMUNITY PLANNING	<input type="checkbox"/> LANDSCAPE ARCHITECTURE	<input type="checkbox"/> RELIGION
<input type="checkbox"/> 1400-1499	<input type="checkbox"/> ARCHEOLOGY-HISTORIC	<input type="checkbox"/> CONSERVATION	<input type="checkbox"/> LAW	<input type="checkbox"/> SCIENCE
<input type="checkbox"/> 1500-1599	<input type="checkbox"/> AGRICULTURE	<input checked="" type="checkbox"/> ECONOMICS	<input type="checkbox"/> LITERATURE	<input type="checkbox"/> SCULPTURE
<input type="checkbox"/> 1600-1699	<input type="checkbox"/> ARCHITECTURE	<input type="checkbox"/> EDUCATION	<input type="checkbox"/> MILITARY	<input type="checkbox"/> SOCIAL/HUMANITARIAN
<input type="checkbox"/> 1700-1799	<input type="checkbox"/> ART	<input checked="" type="checkbox"/> ENGINEERING	<input type="checkbox"/> MUSIC	<input type="checkbox"/> THEATER
<input checked="" type="checkbox"/> 1800-1899	<input checked="" type="checkbox"/> COMMERCE	<input type="checkbox"/> EXPLORATION/SETTLEMENT	<input type="checkbox"/> PHILOSOPHY	<input checked="" type="checkbox"/> TRANSPORTATION
<input checked="" type="checkbox"/> 1900-	<input type="checkbox"/> COMMUNICATIONS	<input type="checkbox"/> INDUSTRY	<input type="checkbox"/> POLITICS/GOVERNMENT	<input type="checkbox"/> OTHER (SPECIFY)
		<input type="checkbox"/> INVENTION		

SPECIFIC DATES

1851-1853

BUILDER/ARCHITECT

James P. Kirkwood

STATEMENT OF SIGNIFICANCE

Barretts railroad tunnels are historically significant as the first railroad tunnels west of the Mississippi River and as the only structural reminder of the original Pacific Railroad left in Missouri. The tunnels represent not only the technological development of American civil engineering of the 19th century, but more importantly the railroad which expressed American expansionistic and imperialistic policies of American politics and economics of the mid-1800's. As one of Missouri's first three railroads, it acquainted the state's citizens with state-sponsored, large scale industrial capitalism, working class discipline, and time efficiency. The whole debate accompanying the financing of the railroad and the series of construction problems mirrored the national debate over internal improvements and the problems of railroad development.

The seeds of railroad fever were planted when Missourians considered their first railroad in 1830. In August of that year, the Missouri Republican called upon St. Louis' 5,852 people to look at the miniature railroad locomotive which, on a larger scale, would work miracles on the economy. Investors and dreamers came together to promote railroads. Between December, 1836 and February, 1837, seventeen railroads were incorporated by Missouri's General Assembly. With few exceptions, each extended from the Missouri or Mississippi rivers to an inland town.² As yet, the river and the new age of steamboats held the attention of investors and businessmen; it did not seem possible that anything would replace rivers as primary transportation avenues.

But there was a movement for a transcontinental railroad, and competition arose among cities to be the eastern terminus. Chicago, New Orleans, Memphis and St. Louis vied for this distinction.³ It was this competition which prompted the burst of railroad talk and planning for the Pacific Railroad Company. This was not just a provincial, commercial enterprise. Its promoters spoke of national and international use and need. The Pacific Railroad was to connect the East and the Far East. The West with its rumored gold, minerals and free land, and Asia with its own rumored trade goods and beckoning markets were to be linked with St. Louis, Chicago, New Orleans and New York. This railroad was to close the gaps and become the principal tool of American expansionism. Men such as Thomas Hart Benton and William Gilpin saw the railroad as a crucial factor on the fulfillment of Manifest Destiny wherein American influence spread into Asia and dominated markets of economy and morality.

In an attempt to obtain grassroots political and financial support for the project, William Gilpin spoke to Jackson Countians. On November 5, 1849, Gilpin begged them to know:

9 MAJOR BIBLIOGRAPHICAL REFERENCES

- Abbott, Ephraim (ed.) The Valley Farmer: A Monthly Journal of Agriculture, Horticulture, Education, and Domestic Economy, Adapted to the Wants of the Cultivators of the Soil in Valley of the Mississippi, 1850-1853. St. Louis: E.K. Woodward and Ephraim Abbott, 1850-1853.
- Abel, John F. "Tunnel Mechanics," Quarterly of the Colorado School of Mines, Vol. 62, No. 2 (April, 1967).

10 GEOGRAPHICAL DATA

ACREAGE OF NOMINATED PROPERTY Tunnel A: .2 acres; Tunnel B: .275 acres

QUADRANGLE NAME "Kirkwood"

QUADRANGLE SCALE 1:24,000

UTM REFERENCES

A 1, 5 | 7, 2, 0 | 8, 7, 5 | 4, 2, 7, 1, 8, 9, 0

B 1, 5 | 7, 2, 1 | 7, 2, 0 | 4, 2, 7, 2, 2, 1, 5

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STATE

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11 FORM PREPARED BY

NAME / TITLE

1. Priscilla A. Evans

ORGANIZATION

Missouri Valley Research Consultants

DATE

December 3, 1976

STREET & NUMBER

P.O. Box 1773

TELEPHONE

314/449-0389

CITY OR TOWN

Columbia

STATE

Missouri 65201

12 STATE HISTORIC PRESERVATION OFFICER CERTIFICATION

THE EVALUATED SIGNIFICANCE OF THIS PROPERTY WITHIN THE STATE IS:

NATIONAL X

STATE

LOCAL

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

STATE HISTORIC PRESERVATION OFFICER SIGNATURE

Robert J. Damsel

TITLE

Director, Department of Natural Resources,
and State Historic Preservation Officer

DATE

8-22-78

FOR NPS USE ONLY

I HEREBY CERTIFY THAT THIS PROPERTY IS INCLUDED IN THE NATIONAL REGISTER

William Lelouch

DATE

12/29/76

ATTEST:

KEEPER OF THE NATIONAL REGISTER

CHIEF OF REGISTRATION

DATE

12/18/78

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This central railroad is an essential domestic institution: more powerful and permanent than law, or popular consent... (it would) bind the two seaboard to this one nation, like ears to the human head...(and)...our diplomacy shall receive a wise direction...when men of sense...shall sail over from Astoria to Pekin(g), and there converse, with the Oriental Court....

On the Pacific, in front of us, are 400,000,000 people of the tropics--Polynesians, South Americans, Southern Asiatics--among whom wheat is not cultivated, and animal food, other than fish and poultry, very scarce.... Here, then, will be the market....

It is not ambition that impels us, citizens of Missouri, to advance to the advocacy of this great work with our whole unshackled energies--it is high religious duty.⁴

On March 12, 1849 the rhetoric and dreams began to be realized when the Governor signed the bill creating the Pacific Railroad Company.⁵ The charter called for the construction of a railroad westward from St. Louis via Jefferson City to the western boundary of the state, "...with a view to being continued to the Pacific Ocean."⁶ The exuberance over the charter soon diminished as a cholera epidemic broke out and claimed ten per cent of St. Louis' population.⁷ As if the epidemic were not devastation enough, a fire broke out on the steamboat White Cloud, and spread from the boat throughout the waterfront and into the town.⁸ With the town's attention absorbed by these catastrophes, the railroad was pushed aside and not reconsidered until late January, 1850 when a board of directors was named. John O'Fallon became president while Thomas Allen served as secretary and Daniel D. Page as treasurer.⁹ O'Fallon and Allen were advantageously connected with the federal and state governments--O'Fallon as a colonel and Allen as a senator in the state legislature. The directors pledged \$154,000, petitioned Congress for a land grant, and presented the state legislative body with requests for aid.¹⁰ The promoters urged St. Louisians to shake their lethargy and promised that, with a railroad, their city would be lively throughout the winter with an alternative to the natural restrictions of an ice-bound river.¹¹ The promoters promised to open up new avenues of trade; farmers heard: "Let the farmers build the road, and the road will build the farmers."¹²

The company selected James P. Kirkwood as chief engineer and asked him to survey for the best possible route. Born in Scotland, Kirkwood had worked in Massachusetts in 1832 on three railroads and acquired a reputation for skill and innovation.¹³ As a founder of the American Society of Civil Engineers, Kirkwood was qualified for the job of chief engineer.

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He surveyed three routes from St. Louis to Jefferson City. The first ran along the ridge between the Meramec River and River des Peres valleys; it would run 149.03 miles and cost \$3.8 million. The second followed the Missouri River as closely as possible; it ran 121.87 miles and cost \$2.9 million. The third extended from Carondolet and Gravois creeks along the Meramec divide; it would run 130.58 miles and cost \$3.2 million.¹⁴ Kirkwood preferred the route following the ridge between the Meramec and River des Peres because "The interests which it assists and develops are so important, and promise such results, as to make it... the safest return as an investment..."¹⁵ The interests it served seem to have been opening up markets in southern Missouri and diverting the trade of lead and agricultural products from the lower Mississippi to St. Louis. By this route, the railroad did not have to compete, initially, with river traffic. Kirkwood hoped to locate the western terminus at Kansas City where the railroad could more favorably compete with river traffic.¹⁶ The Board consciously supported policies and a route which drew trade off the rivers.¹⁷ However, the route was not the easiest and not the cheapest; by 1855 and with the experience of tunnel construction behind them, the stockholders realized their first error.¹⁸

On July 4, 1851 a crowd gathered around Chouteau's Pond, in St. Louis, and cheered as the ground opened to the spade and as Allen exhorted, "The railroad saves time, and time is money."¹⁹ Notice went out to contractors to place bids for the first sections of construction.²⁰ Actual work commenced on August 1, 1851. Each mile was let to a separate contractor and his personal crew. Unlike Allen, the contractors were not driven by the need to save time or money. Their deadlines were set on November 1, 1852; all but one was late.²¹ A few departed, leaving their sections incomplete and leaving the Company with the additional expense of letting new contracts. The immediate source of the delays was two-fold: scarcity of labor and cost increases for materials.²² The directors recognized that the major delay came from Sections 16 and 17 which were in charge of the tunnel construction, and they admitted to not having foreseen the complexity of such construction.²³

"Few other physical undertakings are approached with anything like the uncertainty of tunnel work."²⁴ This generalization held in 1851 when workers first faced the hills to cut Barretts Tunnels, just as it did when Robert M. Vogel of the Smithsonian Institution made it in 1964. While soft tunnelling, as through earthen hills or under rivers, has advanced with the flow of new theoretical concepts, new, improved, and strengthened materials, the technology of hard rock tunnelling, like that employed in building Barretts Tunnels, has only advanced through differing combinations of the same elements employed in constructing Barretts Tunnels. Many of the chances attendant on building Barretts Tunnels would be present were the tunnels built today.

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The Barretts Tunnels are monuments to a technology that has not changed so much as it has been replaced. Hard rock tunnelling "...remains largely independent of the realm of mathematical analysis long after the time when all but the most insignificant engineering works were designed by that means."²⁵ To construct hard rock tunnels like Barretts Tunnels, excavation proceeded by: 1) mechanical drilling and cutting; 2) blasting; 3) drilling and blasting.²⁶ Brute force transcended engineering and the Pacific Railroad Company hired dozens of Irishmen to do the work.²⁷

The best tunnel engineer in the 1850's hired the strongest backs and worked them the hardest. Tunnelling in hard rock was a brutal business and "in tunnelling as in no other branch of civil engineering did empiricism so long resist the advance of scientific theory; in no other did the 'practical engineer' remain to such an extent the key figure in establishing the success or failure of a project."²⁸ The more impressive civil engineering feats, graceful bridges and giant skyscrapers, often inspire artists and poets; tunnels generally do not.

Construction of the 1850's hard rock tunnel began at the ceiling. Workmen did not begin at the base of the hills to build Barretts Tunnels, but cut into the sides of the hills, using the spoil as fill to raise the surrounding ground to the level of the tunnel floor. Beginning at the ceiling level, men proceeded, with picks, chisels and shovels, to carve out a low tunnel or "adit," about five feet high, just big enough to accommodate a work crew of Irishmen. These men kept driving the adit through the hill using muscles applied to mechanical tools. Other men, using hand driven augers, drilled holes in the floor of the adit. These holes were then charged with black powder. Blasting force thus did the work of loosening most of the solid material in the construction process.²⁹ The loosened rock was then loaded into mule-drawn dump carts and hauled to the 1400 foot long fill area between the two tunnels. This fill area is up to 53 feet deep. Barretts Station, between the two tunnels, and Barretts Station Road, crossing the railroad track near the depot, both stand partly on the spoil hauled from inside the tunnels.

With over 1,000 men working on the railroad in 1851, the company wanted a disciplined working force loyal to its own drive for efficiency of time and money.³⁰ The directors complained of strikes, riots and resistance of landowners. However, they believed the chief obstacle came from experiencing "...the inconvenience in regard to procuring and controlling labor, of being upon the frontier."³¹ Most of the workers were Irish immigrants who built shanties on the edge of the construction line and moved as the work progressed. The company rejected their attempts to obtain a recognized labor agent in the form of the Irish Immigrant Association. The major fringe benefit came from the Company's willingness to

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provide medical services to employees who were ill or injured on the job.³² This became important when Asiatic cholera once again struck St. Louis in 1851. Believing that alcohol was a deterrent to cholera, the company supplied the beverage to its employees. The cholera remained and many employees not only fell ill but also drunk and disorderly. The cholera epidemic was especially severe around Barretts and those who did not fall ill were frightened away.³³ Several hundred men worked on Sections 16 and 17 which was the hard rock excavation of Barretts Tunnels--one 630 feet and the other 440 feet long and 50 feet in depth. The close work underground, in a damp, cold, and dark environment lent justification to their suspicion that they were more susceptible to the disease. Coupling this fear with bad management and poor working conditions resulted in lengthy delays on this section and periodic abandonment of work by both contractors and laborers.³⁴ On New Year's Day of 1853 rioting broke out between Sections 18 and 17. Sixty armed men attacked each other; two were killed and several injured. The chief engineer insisted on having the St. Louis Grays and the Missouri Artillery called out to restore order. By the time the military arrived most of the rioters had passed out from drinking and fighting or were recovering from hangovers. Some St. Louis newspapers urged the railroad and the military to keep the workers in line while others mocked the over-reaction and exaggeration which the riots had generated. Accounts offered reasons for the riots ranging from bad management, the cholera, religious differences, to drunkenness. The police succeeded in breaking up "six liquor shanties" and dumped gallons of whiskey into ditches. The company finally decided to control the amount of whiskey dispensed to ward off cholera.³⁵

By the summer of 1853, about 40 miles of the 5'6" gauge rail-bed with its white oak ties and the first two railroad tunnels west of the Mississippi were completed to the Franklin County line and opened to traffic. Passengers could travel from Kirkwood to St. Louis for 50 cents round trip and newspapers began reporting the arrival of wheat by rail into the city.³⁶ Land values doubled and tripled.³⁷ The Missouri Intelligencer reported:

Towns shoot up and sprinkle themselves along the route of a railroad as naturally as buds, blossoms and fruit issue out of the sap and cluster round the bank of the fruitful bough. ...already on the line of the Pacific Railroad--including only its first division we have the nuclei of no less than six towns....³⁸

The railroad and its promoters lent names to the new commercial centers--Chittenham, Kirkwood, Allenton, Webster College, Sulphur Spring Village and Franklin. Hopes were high; the railroad had thus far overcome many obstacles and a return in the form of increased land values and the development of new trade centers seemed to warrant the exuberance expressed in the railroad songs

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being sung in St. Louis theatres.³⁹

Among the Board of Directors, the optimism assumed a more cautious note. Continually, they confronted the problem of undercapitalization and the need to find new sources of capital. At the start, the St. Louis promoters determined to raise their capital locally and not go to New York, Boston or Europe.⁴⁰ They planned to rely on individual and corporate subscriptions which would be supplemented by state appropriations and federal land grants. Subscriptions from the private sector were insufficient to support the construction; thus, railroad promoters worked at tying business to government and securing funds from state and federal sources. The Missouri General Assembly finally agreed to take first mortgage on the railroad in the amount of two million dollars in 1851.⁴¹ It was not until 1852 that Congress passed the land grant bill to aid the Pacific Railroad.⁴² From 1850 to 1865 the company was capital deficient. By the time it realized the necessity for outside capital, most of the outside sources had already gone to the Chicago railroad system.⁴³

The Civil War delayed the railroad in its attempts to reach Kansas City. By 1859, the Company saw 163 miles completed, but stockholders waited until September 20, 1865, to witness the arrival of the first train in Kansas City.⁴⁴ The time lapse between 1830, when St. Louisians first saw a locomotive, and 1865, bore heavily upon the railroad promoters' first dreams and visions. The Missouri Pacific failed to become the "head which united the two ears" as William Gilpin had so fervently hoped. Omaha and the Union Pacific Railroad would assume that distinction. Still, the Missouri Pacific boldly stretched itself across the State connecting not only Kansas City and St. Louis, but also sending branch lines into Springfield and the whole southwest.

The Museum of Transport, which presently occupies the area between the tunnels, is a non-profit educational organization supported by more than 700 members and operated by a board of directors elected by the membership. It was incorporated in May, 1946 for the purposes of permanent preservation and exhibition of historic transportation devices and equipment, establishment of a library of transportation literature, and to provide facilities for technical and academic research into various problems of transportation.

The survey of Missouri's historic sites is based on the selection of sites as they relate to theme studies in Missouri history as outlined in "Missouri's State Historic Preservation Plan." Barretts Tunnels Historic District is, therefore, being nominated to the National Register of Historic Places as an example of the theme of "Technology."

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FOOTNOTES

1. Missouri Republican, August 24, 1830.
2. Dorothy Jennings, "Railroad Development in Missouri Before the Civil War" (unpublished Master's thesis, Washington University, 1930), p. 6.
3. W.J. Burton, "History of the Missouri Pacific Railroad" (St. Louis: Missouri Pacific Railroad, 1956), pp. 50-53. (mimeographed)
4. William Gilpin, Mission of the North American People, Geographical, Social and Political (Philadelphia: J.B. Lippincott & Co., 1873), pp. 135-167.
5. Missouri, House Journal, p. 574 (1849).
6. Ibid.
7. Burton, pp. 44-45.
8. Ibid.
9. Pacific Railroad Commenced (St. Louis: Republican Book and Job Office, 1850) unpaginated.
10. Ibid.
11. Burton, p. 59.
12. Collection of bound pamphlets on Pacific Railroad (Reference in Missouri Historical Society, St. Louis), Pamphlet No. 16, p. 8.
13. Burton, p. 71.
14. Ibid., p. 94.
15. Ibid., p. 77.
16. First Annual Report of the Board of Directors of the Pacific Railroad; and the Report of the Chief Engineer Upon the Preliminary Surveys (St. Louis: Republican Book and Job Office, 1851), January 10, 1851, pp. 53-54.
17. Ibid., March 31, 1851, p. 13.

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18. Burton, p. 72.
19. Missouri Republican, July 6, 1851.
20. St. Louis Intelligencer (Missouri), July 7, 1851.
21. Third Annual Report of the Board of Directors of the Pacific Railroad (St. Louis: Republican Book and Job Office, 1853), March 28, 1853, p. 7.
22. Ibid.
23. Ibid.
24. Robert M. Vogel, Tunnel Engineering, A Museum Treatment (Washington: Smithsonian Institution, 1964), passim.
25. Ibid.
26. Karoly Szechy, The Art of Tunnelling (Budapest: Akademiai Kiado, 1973), pp. 614-615.
27. Missouri Republican, January 3, 1853; St. Louis Intelligencer, September 22, 1851, December 15, 1851.
28. Vogel, Tunnel Engineering, p. 204.
29. Ibid., p. 209. "The top-heading plan was followed so that the bulk of the rock could be removed in the form of a bottom bench, and the majority of drilling would be downward, obviously the most effective direction. Blasting was with black powder and its commercial variants."
30. St. Louis Intelligencer, December 15, 1851.
31. Third Annual Report of the Board of Directors of the Pacific Railroad.
32. Papers on Railroads (MSS in Missouri Historical Society, St. Louis), see account records with James M. Ward, May 12 through July 11, 1853 and with R. and J. Adams, June 1, 1850.
33. Burton, p. 105.
34. Ibid.

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35. For riot accounts see: Missouri Republican, January 3, 4, 5, 1853 and Daily Morning Herald, January 4, 5, 6, 1853.
36. Missouri Republican, May 26, 1853.
37. Collection of bound pamphlets of Pacific Railroad, Pamphlet No. 16, p. 8 and Second Annual Report of the Board of Directors of the Pacific Railroad (St. Louis: Republican Book and Job Office, 1852), March 29, 1852, p. 8.
38. St. Louis Intelligencer, January 25, 1853.
39. Daily Morning Herald (Missouri), January 10, 1853.
40. Burton, p. 35.
41. John W. Million, State Aid to Railways in Missouri (Chicago: University of Chicago Press, 1896), p. 65.
42. Burton, p. 35.
43. Report of the Transportation Bureau of the St. Louis Merchants Exchange, April, 1876.
44. George W. Hugh, S. P. Vannoy and H. Overstolz, "Missouri Public Works Board Railroad Report," January 10, 1859, and John Kerr, The Missouri Pacific (New York: Railway Research Society, 1928), pp. 14-15.

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3. Address of the Directors of the Pacific Railroad to the People of Missouri, August 20, 1859. St. Louis: George Knapp & Company, Printers, 1859.
4. Allen, Thomas. Speech of Mr. Allen of St. Louis in the State Senate on September 6, 1852. Jefferson City, Missouri: n.p., 1852.
5. Annual Report of the Board of Directors of the Pacific Railroad to the Stockholders. Vols. 1-22 (1850-1872). St. Louis: Pacific Railroad Company, 1850-1872.
6. Benton, Thomas H. Speech of Mr. Benton of Missouri on the Pacific Railroad Bill on January 16, 1855. Washington: Congressional Globe Office, 1855.
7. Berger, John Torrey. "Centennial Historical Note," Kirkwood Historical Review, Vol. III, No. 4 (December, 1964).
8. Charter and Acts Relating to the Pacific Railroad. St. Louis Daily Times Steam Printing House, 1870.
9. Chomeau, Mary Broderick. One Hundred and Twenty-five Years: A History of St. Peter's Parish, Kirkwood, Missouri, 1832-1957. Kirkwood, Mo.: St. Peter's Church, ca. 1957.
10. Compilation of the Laws in Reference to Such Railroads as Have Received Aid From the State. Jefferson City, Mo.: G. W. Cheeney, Public Printers, 1859.
11. Conrad, Howard L. (ed.) Encyclopedia of the History of Missouri. Vol. III.
12. Dahl, June Wilkinson. A History of Kirkwood, Missouri, 1851-1965. Kirkwood, Mo.: The Kirkwood Historical Society, 1965.
13. Daily Morning Herald (St. Louis, Missouri), 1850-1853.
14. Data excerpted from a draft National Register Inventory-Nomination Form prepared by John P. Roberts, M.D. (Secretary, National Museum of Transport).
15. Dolan, Ellen Meara. The Saint Louis Irish. St. Louis: Old St. Patrick's Church, 1967.
16. Gilpin, William. Mission of the North American People, Geographical, Social and Political. Philadelphia: J.B. Lippincott & Company, 1873.

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17. Greeley, Andrew M. That Most Distressful Nation: The Taming of the American Irish. Chicago: Quadrangle Books, 1972.
18. Hadley, Carleton S. The Missouri Pacific Railroad: Its Construction and Expansion. St. Louis: Missouri Pacific Railroad Office, 1925.
19. Hammond, Rolt. Tunnel Engineering. New York: MacMillan, 1959.
20. Heege, George F. "The Naming of Kirkwood," Kirkwood Historical Review, Vol. I, No. 1 (March, 1962).
21. History of the Pacific Railroad of Missouri. St. Louis: Pacific Railroad Company, 1865.
22. Hogan, John. Thoughts About the City of St. Louis, Her Commerce and Manufactures, Railroad, &c. St. Louis: Republican Steam Press Print, 1854.
23. Jennings, Dorothy. "The Pacific Railroad Company," Missouri Historical Society Collections, Vol. VI (1928-31).
24. _____ . "Railroad Development in Missouri Before the Civil War." Unpublished M.A. thesis, Washington University, 1930.
25. Journal of the Senate of the State of Missouri, 18th General Assembly.
26. Kerr, John Leeds. The Missouri Pacific: An Outline History. New York: Railway Research Society, 1928.
27. Kirkwood, James P. Report on Gauge of Track to Board of Directors of Pacific Railroad, Missouri--St. Louis, June 27, 1851. St. Louis: Intelligencer Office, 1854.
28. Lopata, Edwin L. Local Aid to Railroads in Missouri. New York: Parnassus Press, 1937.
29. Laws of the State of Missouri. 1848-1849, 1850-1851, 1852-1853. Jefferson City: James Lusk, 1849, 1851, 1853.
30. Million, John W. State Aid to Railways in Missouri. Chicago: University of Chicago Press, 1896.
31. Missouri Pacific Railroad Survey, File No. S-1367, December 6, 1943. (with later revisions).

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32. Missouri Republican (St. Louis, Missouri), 1850-1853.
33. Pacific Railroad Commenced. St. Louis: Republican Office, 1850.
34. Pacific Railroad of Missouri: Statement Relating to Southwest Branch, Lands, &c. New York: George F. Nesbitt & Company, 1857.
35. Pitzman's New Atlas of the City and County of St. Louis, Missouri. Phila- A. B. Holcome & Company, 1878.
36. Porter, V. M. "A History of Battery 'A' of St. Louis," Missouri Historical Society Collections, Vol. II, No. 4 (1905).
37. Proceedings of the National Railroad Convention Which Assembled in the City of St. Louis, October 15, 1849. St. Louis: Chambers and Knapp, 1850.
38. Report of the Board of Public Works and State Engineer, Upon the Condition of the Various Railroad Companies of this State, to the Governor. Jefferson City, Mo.: James Lusk, 1857.
39. Report of the Joint Committee to Investigate Books and Accounts of Pacific Railroad Company. Jefferson City, Mo.: Ellwood Kirby, 1868.
40. St. Louis Intelligencer (St. Louis, Missouri), 1850-1853.
41. Saxton, Cliff (compiler). National Museum of Transport, St. Louis: Catalog of the Collections. St. Louis: National Museum of Transport, 1975.
42. Sectional Maps Showing the Location of One Million Acres of Choice Agricultural and Mineral Lands on the Line of the South Pacific Railroad. St. Louis: Land Department South Pacific Railroad Company, 1868.
43. The Sunday Republican (St. Louis, Missouri), July, 1851.
44. Szechy, Karoly. The Art of Tunnelling. Budapest: Akademiai Kiado, 1973.
45. Taylor, George Rogers. The Transportation Revolution, 1815-1860. New York: Harper & Row, 1968.
46. Taylor, J. N. and M. O. Crooks. Sketchbook of St. Louis: Containing a Series of Sketches. St. Louis: George Knapp & Company, 1858.
47. Vogel, Robert M. Tunnel Engineering, A Museum Treatment. Washington, D.C.: Smithsonian Institution, 1964.

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48. Western Journal and Civilian. St. Louis, September, 1853.
49. Whitney, Asa. A Project for a Railroad to the Pacific. New York: George W. Wood, 1849.
50. Wittke, Carl. The Irish in America. Baton Rouge: Louisiana State University Press, 1956.
51. The Wonderful City of Kirkwood: 100 Years Young, 1865-1965. Kirkwood, Mo.: Kirkwood Centennial Association, ca. 1965.

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MANUSCRIPTS

1. Allen, Thomas. Papers. 7-17-1851 and 1837-1897 (account books); Journal and Diary. Missouri Historical Society, St. Louis.
2. Almstedt, Henry. Papers. 6-25-1846; 4-13-1939 and 1860 Notebook. Missouri Historical Society, St. Louis.
3. Broadhead, James O. Papers, 1853 correspondence. Missouri Historical Society, St. Louis.
4. Burton, W. J. Mimeographed manuscript. "History of the Missouri Pacific Railroad." St. Louis: Missouri Pacific Railroad, 1956. Copy available at the State Historical Society of Missouri, Columbia, Missouri.
5. Campbell, Hugh. Papers. Journal, Case No. 1. Missouri Historical Society, St. Louis.
6. Carvill, George W. Papers. No. 2697, f. 4. Western Historical Manuscripts Collection, Columbia, Missouri.
7. Collier, George. Railroad Papers. Missouri Historical Society, St. Louis.
8. Curtis, Samuel R. Papers. Missouri Historical Society, St. Louis.
9. Missouri Public Works Board, Railroad Report, 1859. No. 2850. Western Historical Manuscripts Collection, Columbia, Missouri.
10. Missouri State Historic Preservation Office. Personal correspondence between Edward K. Fehlig and Orval L. Henderson, April 28, 1976.
11. Pacific Railroad Lands Book. No. 1177. Western Historical Manuscripts Collection, Columbia, Missouri.
12. Pacific Railroad Papers. 4-29-1849; 1-31-1850; 6-1-1850; 2-18-1852; 5-31-1852; 7-2-1852; and 1853-1861. Missouri Historical Society, St. Louis.
13. Smith, General George R. Papers. 11-26-1850; 1-1-1853; 8-8-1853; 1-20-1853; 1-20-1853; 2-10-1854. Missouri Historical Society, St. Louis.
14. Taylor, George R. Collection. 4-18-1868. Missouri Historical Society, St. Louis.

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There are no intrusions within this boundary.

Tunnel B is oriented east-west on its long axis and its boundary encloses the tunnel and the ground above it, being a rectangle 600 feet east-west by 20 feet north-south, centered on UTM coordinate 15/721720/4272215. There are no intrusions within this boundary.

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-
2. Curtis H. Synhorst
Missouri Valley Research Consultants
P.O. Box 1773
Columbia, Missouri 65201

 3. James M. Denny, Section Chief, Nominations-Survey
Department of Natural Resources
Office of Historic Preservation
P.O. Box 176
Jefferson City, Missouri 65102

Property

Bassetts Tunnel

314-751-4296
Mr. Wenny

State

Mo.

Working Number

10.13.77.1633

78003138

TECHNICAL

Photos *8*
Maps *1*

CONTROL

OK *pl*
10.13.77

HISTORIAN

Accept
Franklin
3.23.78

~~*No sketch map necessary*~~

ARCHITECTURAL HISTORIAN

Tunnel + tracks are eligible. They do not wish to nominate pole buildings, etc. which cover the rolling stock - but since they are included in acreage - we need a statement discussing the buildings but listing as intrusions. I don't think any of the objects are eligible. -

Brabham
3.24.78

Basically a museum collection. - call/clary -

ARCHEOLOGIST

They specifically include the rolling stock. -> Not eligible as written. Some of the locomotives, etc. may be - but should be nominated individually or as a thematic group nomination - with additional information on all objects nominated - tunnels appear eligible.

OTHER

w. P. Luce
3/27/78

an important site in the history of tunnelling - Site retains much of its original integrity

accept

HAER

Inventory *X*
Review *3/8/78*

Donald C. Jackson

REVIEW UNIT CHIEF

I concur with Brabham and Luce

Reiter
Lebovich
3/30/78

Tunnels eligible, stock probably only partially eligible.

BRANCH CHIEF

KEEPER

National Register Write-up _____

Send-back *4.3.78*

Entered _____

Federal Register Entry _____

Re-submit *8.29.78*

INT:2106-74

NAME OF PROPERTY Barnetts Tunnel STATE Mo.

The attached National Register Inventory-Nomination form is being returned to your office for clarification of the information indicated below. PLEASE RETURN THIS FORM WHEN THE NOMINATION IS RESUBMITTED.

7 Description: Since the shelters for the rolling stock ^{are} on the nominated acreage, descriptions need to be included with a statement of their intrusive nature.

* The rolling stock is not eligible as written. Some of
8 Statement of Significance: the locomotives, etc. may be eligible but should be nominated ~~as~~ individually or as a thematic group nomination, with additional information and photographs on all objects nominated.

9 Bibliography: _____

10 Geographical Data -- Acreage: _____
UTM Reference(s): _____
Verbal Boundary Description: nomination.
existing northern boundary description is inadequate

} needed for each element, if treated as multiple resource/
thematic

12 Certification: _____

Photographic Coverage: see above

Map Coverage: _____

Other: Bill Brabham discussed this nomination with Jim Denny on 3/30/78. Please revise nomination as multiple ^{or thematic} resource or individually nominate those eligible features.

Has National Museum of Transport been given an opportunity to comment?
Questions concerning this nomination may be directed to Bill Brabham

on the National Register staff, telephone 202-523-0412

Thank you for your attention to the above items.

Bill Lebowich for
Chief, Branch of Registration

Date: March 30, 1978

INT:2105-74

Property

Bassetts Tunnel

2nd Control

State

Mo.

Working Number

10.13.77.1633

78003138

TECHNICAL

Photos 5
Maps 1

~~#12 data~~

CONTROL

OK - 8.31.78
pl

HISTORIAN

Resubmission: discontinuous ~~area~~ area - tunnels - significant in expansion/development of area. - nomination is improved + eliminates Museum of Transport.

ARCHITECTURAL HISTORIAN

accept
Barham
11-13-78

ARCHEOLOGIST

OTHER

Resubmission improves nomination and eliminates problems with N.P. criteria and integrity of resources

HAER

Inventory _____
Review 12/7/78

accept

We raised a question about including rolling stock along with tunnels. Rather than deal with rolling stock, Missouri eliminated them reducing nomination to cover two segments of 1st railroad tunnel west of Mississippi

REVIEW UNIT CHIEF

accept
Lalovich
12/18/78

- (1) there is a question of ownership: we have notified both owner + lessee.
- (2) uncontrolled Congressional will be answered after property is listed

BRANCH CHIEF

KEEPER

National Register Write-up _____
Federal Register Entry 2-6-79

Send-back _____
Re-submit _____

Entered DEC 8 1978

INT:2106-74



BARRETTS TUNNELS
St. Louis, Missouri

OCT 13 1977 #1

photographer: William L. Hoss
February 4, 1972

National Museum of Transport, 3015 Barretts
Station Road, St. Louis, Mo. 63122

View looking west: east portal of west
tunnel.

DEC 8 1978



BARRETTS TUNNELS

#2

St. Louis, Missouri

photographer: William L. Hoss
February 4, 1972

National Museum of Transport, 3015 Barretts
Station Road, St. Louis, Mo. 63122

View looking east: west portal of west
tunnel.

DEC 8 1978

OCT 13 1977



BARRETTS TUNNELS

#3

St. Louis, Missouri

photographer: William L. Hoss
February 4, 1972

National Museum of Transport, 3015 Barretts
Station Road, St. Louis, Mo. 63122

View looking east: west portal of east
tunnel.

DEC 8 1978

OCT 13 1977



BARRETTS TUNNELS

#4

St. Louis, Missouri

photographer: William L. Hoss
February 4, 1972

National Museum of Transport, 3015 Barretts
Station Road, St. Louis, Mo. 63122

View looking west: east portal of west
tunnel.

DEC 8 1978

OCT 13 1977



BARRETTS TUNNELS

St. Louis, Missouri

photographer: unknown

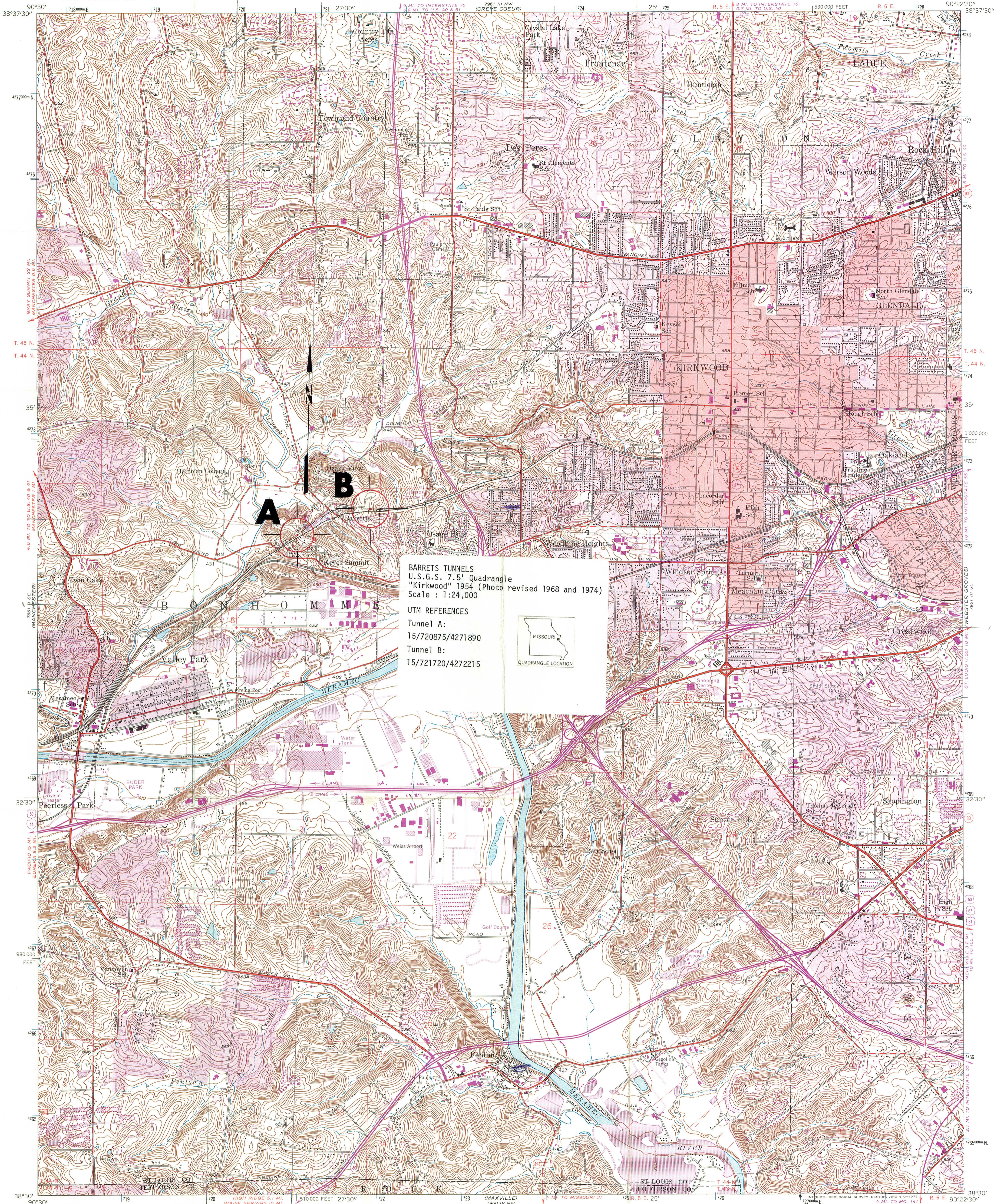
October 30, 1954

National Museum of Transport, 3015 Barretts
Station Road, St. Louis, Mo. 63122

OCT 13 1977 #5

DEC 8 1978

View looking west: repair work in west tunnel while still actively in use; masonry and brick engaged piers are shown on either side.



BARRETS TUNNELS
U.S.G.S. 7.5' Quadrangle
"Kirkwood" 1954 (Photo revised 1968 and 1974)
Scale : 1:24,000

UTM REFERENCES
Tunnel A:
15/720875/4271890
Tunnel B:
15/721720/4272215

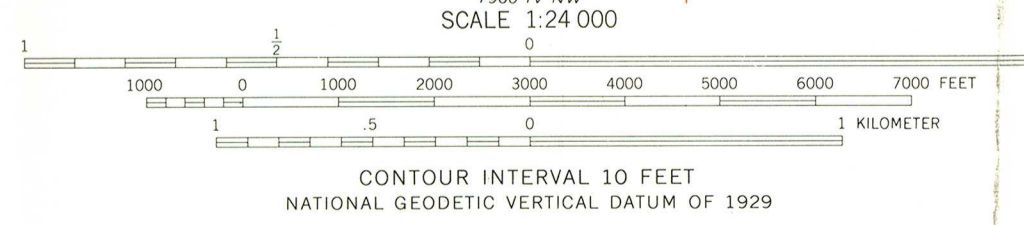
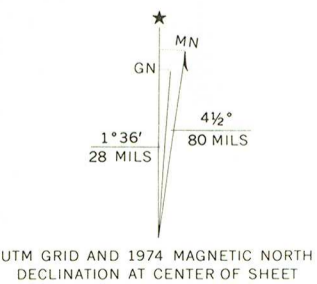


Mapped by the Geological Survey
Revised by the Army Map Service
Published for civil use by the Geological Survey
Control by USGS and USC&GS

Topography from planetable surveys by the Geological Survey 1933
Planimetric detail revised from aerial photographs taken 1952
Field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Missouri coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 15,
shown in blue

Red tint indicates areas in which only landmark buildings are shown



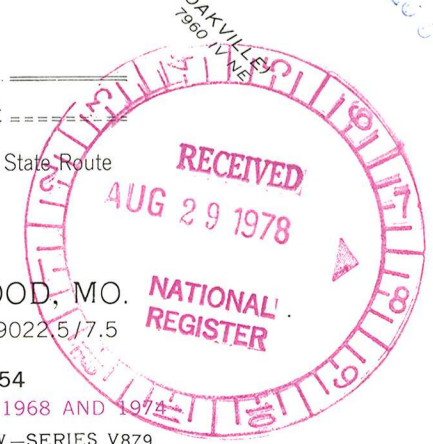
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE DIVISION OF RESEARCH AND TECHNICAL INFORMATION
MISSOURI DEPARTMENT OF NATURAL RESOURCES, ROLLA, MISSOURI 65401
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
○ Interstate Route ○ U.S. Route ○ State Route

Revisions shown in purple compiled by the Geological Survey from aerial photographs taken 1968 and 1974
This information not field checked
Purple tint indicates extension of urban areas

KIRKWOOD, MO. NATIONAL REGISTER
1954
PHOTOREVISED 1968 AND 1974
AMS 7961 III SW—SERIES V879





United States Department of the Interior

HERITAGE CONSERVATION AND RECREATION SERVICE
WASHINGTON, D. C. 20240

IN REPLY REFER TO:

H34-NR YP

Subject: Barretts Tunnels

Date of publication for comment in the "Federal Register": October 25, 1977

Dear Mr. Piper:

Thank you for your letter concerning the proposed listing of the above property in the National Register of Historic Places. The enclosed fact sheet explains the effect of listing in the National Register and should answer many of your questions about the program.

If the property is accepted for listing in the National Register, notice will be placed in the "Federal Register." (The "Federal Register" is the daily "newspaper" of the Executive branch of the Federal Government and is available at most large libraries.)

If additional information is needed to complete the evaluation, or if it is determined that the property does not meet the National Register criteria for evaluation (section 60.6 of 36 CFR Part 60), the nomination will be returned to the State with an explanation.

We appreciate your participation in the National Register commenting process.

Sincerely yours,


William J. Murtagh
Keeper of the National Register

Enclosure

cc: State Historic
Preservation Officer



August 22, 1978



MISSOURI DEPARTMENT OF NATURAL RESOURCES

P.O. Box 176 Jefferson City, Missouri 65101 (314) 751-4422

Dr. William J. Murtagh
Keeper of the National Register
Department of the Interior
Heritage Conservation and Recreation Service
18th & C Streets, N.W.
Washington, D.C. 20240

ATTN: Bill Brabham

Re: Barretts Tunnels National Register of Historic Places Nomination
Study

Dear Dr. Murtagh:

On March 30, 1978 the Barretts Tunnels Nomination form was returned to our office at our request to correct deficiencies noted by your staff. These deficiencies have been corrected as follows:

- A. Deficiency: Rolling Stock not eligible as written and shelters for rolling stock should be noted as intrusions.
Corrective Action: Rolling Stock has been eliminated from nomination and their shelters are no longer within the nominated boundary. Only the tunnels are being nominated.
- B. Deficiency: Existing boundary inadequate.
Corrective Action: A new verbal boundary description has been prepared which reduces the total area to include only the relevant property--the two tunnels.
- C. Appropriate changes have been made in the text of the nomination booklet to reflect the above actions, a new U.S.G.S. map has been prepared, and the original photographs have been reduced in number to five.

Joseph P. Teasdale Governor
Carolyn Ashford Director

Dr. William Murtagh


Page 2

August 22, 1978

If these changes are not satisfactory, or if additional changes are necessary, I hope you will not hesitate to contact me.

Sincerely,

OFFICE OF HISTORIC PRESERVATION

A handwritten signature in cursive script that reads "James M. Denny". The signature is written in dark ink and is positioned above the typed name and title.

James M. Denny
Section Chief, Nominations-Survey

JMD:klr

NATIONAL MUSEUM OF TRANSPORT

3015 BARRETT STATION ROAD

ST. LOUIS, MISSOURI 63122

314-965-6885

19 September 1978

17C 10-25-77

Mr. William J. Murtagh
Keeper of the National Register
United States Department of the Interior
Heritage Conservation and Recreation Service
Washington, D. C. 20240

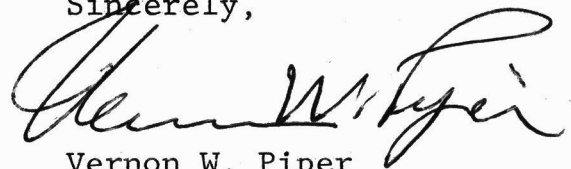
Dear Mr. Murtagh:

Thank you for your 5 September notification that the Barretts Tunnels nomination is pending in your office. We have forwarded this good news to St. Louis County Parks and Recreation Director Wayne C. Kennedy for information and action in consideration of the pending liaison of the NATIONAL MUSEUM OF TRANSPORT and its properties with St. Louis County Parks Department.

I recall that we had the pleasure of your company at Greystone several years ago.

With kindest regards.

Sincerely,



Vernon W. Piper
President

NATIONAL MUSEUM OF TRANSPORT
INCORPORATED

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Porta-Fab Division, Keene Corporation

LON HOCKER
Attorney

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ROBERT K. RICHARDSON
Accountant
U. S. Government

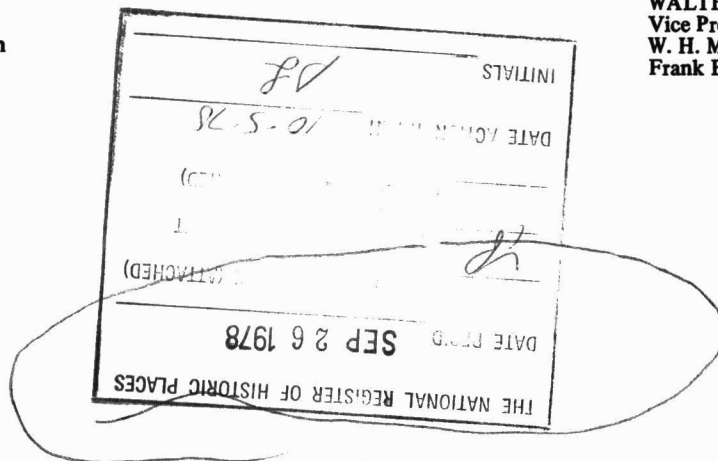
JOHN P. ROBERTS, M.D.
Physician

MARY W. ROBERTS
Director General
National Museum of Transport

EDWARD A. RUESING
Executive Director
Downtown St. Louis, Inc.

CHARLES P. STANLEY
President
WEW Radio, Inc.

WALTER W. THOMPSON
Vice President
W. H. Markham Division
Frank B. Hall of Missouri



MC
NATIONAL MUSEUM OF TRANSPORT

3015 BARRETT STATION ROAD

ST. LOUIS, MISSOURI 63122

314-965-6885

10 November 1978

Dr. William J. Murtagh
Keeper of the National Register
United States Department of the Interior
Heritage Conservation and Recreation Service
Washington, D. C. 20240

Dear Dr. Murtagh:

In reference to your recent notice that there would be publication in the "Federal Register" on 25 October 1978, to date the Barretts Tunnels matter has not appeared to our knowledge. Is there something that we or others can do to conclude this long time process that we initiated with the State of Missouri in 1972?

With every good wish.

Sincerely,

A handwritten signature in black ink, appearing to read "John P. Roberts", with a large, sweeping flourish extending to the left.

John P. Roberts, M. D.
Secretary

Do Not Film This

NATIONAL MUSEUM OF TRANSPORT
INCORPORATED

Side

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JAMES R. FAIR
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BERL KATZ
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WEW Radio, Inc.

WALTER W. THOMPSON
Vice President
W. H. Markham Division
Frank B. Hall of Missouri

INITIALS	_____
DATE ACTION TAKEN	_____
TITLE (ATTACHED)	_____
DATE RESPONSE (ATTACHED)	_____
DATE RECEIVED	NOV 14 1978
THE NATIONAL REGISTER OF HISTORIC PLACES	_____

RICHARD H. ICHORD
8TH DISTRICT, MISSOURI

2302 RAYBURN HOUSE
OFFICE BUILDING
TELEPHONE: (202) 225-5155

COMMITTEES:
ARMED SERVICES

SUBCOMMITTEE:
CHAIRMAN, RESEARCH AND DEVELOPMENT
SMALL BUSINESS

FR 10-25-77
Returned to SHPO 4-3-78
.. NR 8-29-78
TRA 9-25-78

Congress of the United States
House of Representatives
Washington, D.C. 20515

DISTRICT OFFICES:
HOUSTON:
116 MAIN STREET
TELEPHONE: (417) 967-2270
JEFFERSON CITY:
P.O. Box 298
TELEPHONE: (314) 634-3510

November 30, 1978

Dr. William J. Murtagh
Keeper of the National Register
Heritage Conservation and Recreation
Department of Interior
Washington, D.C.

Dear Dr. Murtagh:

I would like to add my enthusiastic support for the proposal to place the Barrett Station Tunnels located in St. Louis County, Missouri, on the National Register.

With my kindest regards, I am

Sincerely yours,



Richard H. Ichord
Member of Congress

RHI:epl

THE NATIONAL REGISTER OF HISTORIC PLACES

DATE REC'D DEC 05 1982

_____ IN _____ RESPONSE (ATTACHED)

_____ WITH _____ SENT

_____ THROUGH _____ (ATTACHED)

DATE ACTION TAKEN _____

INITIALS _____

Spoke with a representative of Museum of
Transport. Property is owned by Southern
Pacific & leased for 50 yrs. to
Museum.

Brabham

12.7.78

ENTRIES IN THE NATIONAL REGISTER

STATE MISSOURI

Date Entered DEC 8 1978

Name

Location

Macon County Courthouse and Annex

Macon
Macon County

Barretts Tunnels

St. Louis vicinity
St. Louis County

Also Notified

Honorable John C. Danforth
Honorable Thomas F. Eagleton
Honorable Harold L. Volkmer
Honorable Robert A. Young

State Historic Preservation Officer
Mr. Fred A. Lafser
State Department of Natural Resources
1001 SW. Blvd.
P.O. Box 176
Jefferson City, Missouri 65101

NR Byers/bjr 1/2/79

MEMORANDUM
OF DATE

Please sign - ✓
would like to tell
the Congressman
its on.

Tap
Brewman

all nothing
by phone
12.15.74
PF

Thomas F. Eagleton -224-5721

John C. Danforth 224-6154

District #2 Robert Young 2252561

See

Brabham
12.13.78
Hargis
12.13.78
Luntz
12/14/78
Peters for Connally
12/15
New 12/18

H32-NR

DEC 18 1978

Honorable Richard H. Ichord
House of Representatives
Washington, D.C. 20515

Dear Mr. Ichord:

Thank you for your letter of November 30, 1978, concerning the nomination of Barretts Tunnels, St. Louis County, Missouri, to the National Register of Historic Places.

We are pleased to inform you that Barretts Tunnels were listed in the National Register on December 8, 1978.

If we can be of further assistance, please let us know. We appreciate your interest in historic preservation.

Sincerely,

Chris Therral Delaporte
Director

cc: Mr. Fred A. Lafser
Director
State Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65101

bcc: Director's Reading File
Associate Director, Connally
Chief, OAHP

~~FHR - Luntz~~
FHR-CL
CL
NR

FHR: B Brabham:lw:343-6401/12-12-78

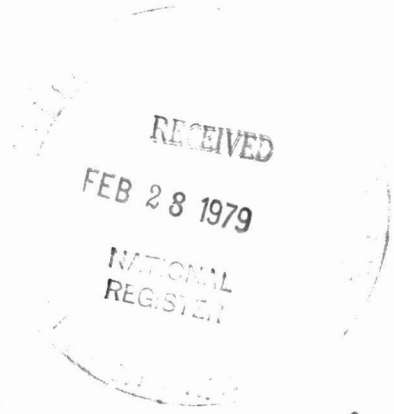
BASIC FILE RETAINED IN NR

~~CLARK~~ St. Louis County, Missouri



February 23, 1979

Dec. 8, 98



Where?

MISSOURI DEPARTMENT OF NATURAL RESOURCES

P.O. Box 176 Jefferson City, Missouri 65102 (314) 751-2479

Dr. William J. Murtagh
Keeper of the National Register
Department of the Interior
Heritage Conservation and Recreation Service
440 G Street, N.W.
Washington, D.C. 20243

Re: Barretts Tunnels National Register Nomination

Dear Dr. Murtagh:

Item #2 of the above referenced project incorrectly identifies "Kirksville" as the town where the tunnels are located. That should be changed to read "Kirkwood", as the enclosed continuation sheet reveals.

We apologize for this error.

Sincerely,

OFFICE OF HISTORIC PRESERVATION

James M. Denny
James M. Denny
Section Chief, Nominations-Survey

JMD:kld

Enclosure: as stated

Joseph P. Teasdale Governor
Fred A. Lafser Director

Division of Parks and Recreation
Arln Epperson Director

DATE

TELEPHONE REPORT

TIME OF CALL

AM
PM

1. CALL TO: FROM (Name)

2. ADDRESS (Tel. No. if needed)

3. SUBJECT, PROJECT NO., ETC.

4. DETAILS OF DISCUSSION

items not indigenous

- not known what to pick and choose -

- could drop whole museum

NAME OF PERSON PLACING/RECEIVING CALL

TITLE

OFFICE

State has been
notified. They were
agreeable.

Blakham

NATIONAL REGISTER DATA SHEET

① NAME as it appears on federal register: Barretts Tunnels		② OTHER NAMES:		③ date of entry: DEC 8 1978	④ county code: 189
⑤ LOCATION street & number W of St. Louis on Barrett Station Rd.		city / town St. Louis	vicinity of St. Louis	state MO	county St. Louis
⑦ OWNER <input checked="" type="checkbox"/> PRIVATE <input type="checkbox"/> STATE <input type="checkbox"/> MUNICIPAL <input type="checkbox"/> COUNTY <input type="checkbox"/> MULTIPLE <input type="checkbox"/> FEDERAL (agency name)		⑧ ADMINISTRATOR:		⑥ NPS REGION: MW	
⑨ EXISTING SURVEYS <input type="checkbox"/> HABS <input type="checkbox"/> HAER <input type="checkbox"/> NHL		⑩ FUNDED? <input type="checkbox"/> YES <input type="checkbox"/> NO	⑪ CONGRESS. DISTRICT 2nd	⑫ SOURCE of NOMINATION <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEDERAL	
⑬ WITHIN NATIONAL REGISTER HISTORIC DISTRICT? <input type="checkbox"/> YES, NAME _____ <input type="checkbox"/> NO		⑭ WITHIN NATIONAL HISTORIC LANDMARK? <input type="checkbox"/> YES, NAME _____ <input type="checkbox"/> NO		⑮ ACREAGE _____ if state who prepared form? <input type="checkbox"/> LOCAL <input type="checkbox"/> PRIVATE ORGANIZATION	
⑯ CONDITION <input type="checkbox"/> excellent <input type="checkbox"/> good <input type="checkbox"/> fair		<input type="checkbox"/> deteriorated <input type="checkbox"/> ruins <input type="checkbox"/> unexposed <input type="checkbox"/> unexcavated		<input type="checkbox"/> altered <input type="checkbox"/> unaltered <input type="checkbox"/> reconstructed <input type="checkbox"/> excavated	
⑰ features:		<input type="checkbox"/> SUBSTANTIALLY INTACT-1 <input type="checkbox"/> NOT INTACT-0 <input type="checkbox"/> UNKNOWN-4 <input type="checkbox"/> NOT APPLICABLE-7		<input type="checkbox"/> SUBSTANTIALLY INTACT-2 <input type="checkbox"/> NOT INTACT-0 <input type="checkbox"/> UNKNOWN-5 <input type="checkbox"/> NOT APPLICABLE-8	
⑱ ACCESS <input type="checkbox"/> YES-Restricted <input type="checkbox"/> YES-Unrestricted <input type="checkbox"/> No Access <input type="checkbox"/> Unknown		⑲ ADAPTIVE USE <input type="checkbox"/> YES <input type="checkbox"/> NO		⑳ SAVED? <input type="checkbox"/> YES <input type="checkbox"/> NO	
⑳ AREAS OF SIGNIFICANCE :		<input type="checkbox"/> ENGINEERING-11 <input type="checkbox"/> LANDSCAPE ARCH.-15 <input type="checkbox"/> POLITICS / GOVT.-21 <input type="checkbox"/> RECREATION-28		<input type="checkbox"/> COMMERCE-6 <input type="checkbox"/> ENTERTAINMENT-26 <input type="checkbox"/> LAW-16 <input type="checkbox"/> RELIGION-22 <input type="checkbox"/> SETTLEMENT-29	
<input type="checkbox"/> ARCHEOLOGY-prehistoric-2 <input type="checkbox"/> ARCHEOLOGY-historic-1 <input type="checkbox"/> AGRICULTURE-3 <input type="checkbox"/> ARCHITECTURE-4 <input type="checkbox"/> ART-5		<input type="checkbox"/> COMMUNICATIONS-7 <input type="checkbox"/> CONSERVATION-8 <input type="checkbox"/> ECONOMICS-9 <input type="checkbox"/> EDUCATION-10		<input type="checkbox"/> EXPLORATION-12 <input type="checkbox"/> LITERATURE-17 <input type="checkbox"/> MILITARY-18 <input type="checkbox"/> MUSIC-19 <input type="checkbox"/> PHILOSOPHY-20	
<input type="checkbox"/> SCIENCE-23 <input type="checkbox"/> SOCIAL / HUMANITARIAN-24 <input type="checkbox"/> SOCIAL / CULTURAL-30 <input type="checkbox"/> TRANSPORTATION-25		<input type="checkbox"/> URBAN PLANNING-31 <input type="checkbox"/> OTHER (SPECIFY) _____		㉑ CLAIMS: explain 'first' <input type="checkbox"/> 'oldest' <input type="checkbox"/> 'only' <input type="checkbox"/>	
㉒ functions WHEN HISTORICALLY SIGNIFICANT: CURRENTLY:		㉓ dates of initial construction: major alterations: historic events:		㉔ ETHNIC GROUP ASSOCIATION	
㉕ architectural style(s):		㉖ architect:		㉗ master builder:	
㉘ landscape architect / garden designer:		㉙ interior decorator:		㉚ artist:	
㉛ artisan:		㉜ builder/contractor:			
㉝ NAMES give role & date					
PERSONAL:					
EVENTS:					
INSTITUTIONAL:					

㉞ NATIONAL REGISTER WRITE-UP