National Register of Historic Places Inventory—Nomination Form

received DCT 27 1982

date entered

See instructions in *How to Complete National Register Forms*Type all entries—complete applicable sections

· / pe an entire	complete app				
1. Nam	le				
historic	Branford Ele	ctric Railway	Historic Di	strict	
and/or common	Branford Tro	11ey Museum			
2. Loca	ation				
street & number		Street, East Ha Beach, Branford		rt Street, N/A	not for publication
city, town Eas	t Haven, Bran	ford N/A	vicinity of		
state Con	necticut	code 09	county	New Haven	code 009
3. Clas	sificatio	n		_	
Category x district building(s) structure site object	Ownership public _x_ private both Public Acquisi in process being consi	tion Accessi _x_ yes:	ccupied k in progress	Present Use agriculture commercial educational entertainment government industrial military	_x_ museum park private residence religious scientific transportation other:
4. Own	er of Pr	operty			
name	Branford Ele	ectric Railway	Associates		
street & number	P.O. Box 457	,			
city, town	Short Beach	N/A	vicinity of	state	CT
5. Loca	ation of	Legal De	scriptic	on	
courthouse, regis	stry of deeds, etc.	Branford Town	ı Clerk		
street & number		1019 Main Str	eet		
city, town		Branford		state (CT
	resentat	ion in Ex	isting \$	**************************************	
title State F	Register of Hi	storic Places	has this pro	perty been determined eli	gible? yes _X_ no
date 1981				federal _x_ state	
depository for su	urvey records Co	onnecticut Hist	corical Comm		
city, town	На	artford		state (CT

7. Description

excellent deteriorated unalteredX_ original siteX_ good ruinsX_ altered moved date fair unexposed

Describe the present and original (if known) physical appearance

The Branford Electric Railway is a trolley museum which operates over nearly two miles of an old trolley right-of-way. The line begins at the end of River Street, East Haven, with the rails right in the middle of the pavement. The entrance to the museum is there, with a one-story brick building resembling a small station housing the museum shop and small exhibits; it was built in 1960 by the widow of Frank Sprague as a memorial to her husband, the pioneer inventor responsible for electric traction motors. Crossing Farm River on a wooden trestle, the line runs past seven large pole-frame and corrugated metal buildings, all built since 1947, which house the museum's rolling stock and shops. For the rest of its length the line is bordered by salt marsh on the west, where the river can be seen, and woodland to the east. A country lane, Farm River Road, intersects the track near the car barns. The line is carried over an old narrow-gauge right-of-way which once served a nearby quarry on an I-beam bridge set into old cut-stone abutments. It crosses Stoney Creek on a wooden trestle and terminates just short of Court Street, Branford, in the village of Short Beach.

The line was originally constructed in 1901 to connect Branford center and Short Beach with the East Haven Green, the eastern terminus of the New Haven streetcar system. The physical structure of the line was extensively rebuilt following the 1938 hurricane, and since the trolley museum took over operation of the line in 1947, the two wooden trestles and many poles and ties have been replaced as part of the ongoing maintenance program. Only one track of the original double-tracked line has been retained. One pair of cut-stone bridge abutments and a short section of 70 lb. rail are believed to date from the original construction, whereas most of the rail is 80 lb. weight and dates from the rebuilding of 1938.

The collection of the trolley museum has a heavy concentration in Connecticut Company cars. These have the distinctive bright yellow livery with red lettering and include both streetcars and heavier-built cars used in intervillage service; cars of wooden and steel construction; open cars, convertibles, and closed cars; and even an elaborate parlor car used by the Company's directors. Most have been restored to their original appearance and operating condition, a task involving extensive repair, reconstruction of deteriorated parts, and refinishing of interior and exterior surfaces. A few cars, such as parlor car #500, arrived in nearly perfect condition. Another large group of the museum's holdings includes both streetcars and rapid transit cars from the New York City area. Finally, there is a scattering from other cities, including one very old car from Providence, Rhode Island, and assorted maintenance-of-way equipment.

The nominated property includes both the right of way and the historic rolling stock. Adjacent parcels of woods and salt marsh owned by the museum are not included, but they provide an appropriate physical setting, one largely unchanged since the line's opening. The Sprague building and numerous car barns, while not of historical significance (all having been built since the museum took over the line), are essential to the museum's operation and vital to the preservation of the collection. Therefore, they are considered part of the nominated property, but they are noncontributing structures.

In the roster of equipment which follows, the collection is described in greater detail.

In addition to inventing the motors, Sprague devised the "wheelbarrow mount," a suspended motor mount which nevertheless kept the gears in close alignment; without this system, trolleys either had rigid trucks or poor gear mseh. He also developed the first successful urban streetcar system in Richmond, Virginia in 1888.

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ROSTER OF EQUIPMENT

Contributing/ PASSENGER STREETCARS Noncontributing (C/NC) Builder Date Car Typet Numbers Former Owners C 4-wheel closed horsecar 1893 3 Metropolitan St. Ry. Stephenson C Grand Trunk Ry. 1911 dt interurban Montreal & Southern Q Counties Rv. NC Toronto Trans. Comm. Toronto Trans. 4-wheel open horsecar 11 (100) Comm. C Lynchburg Ry.; Jackson & Sharp 1899 st 9-bench open 34 Five-Mile Beach Elec. Ry. C Rhode Island Co.; J. M. Jones 1893 st deck-roof closed car 61 (1567) United Elec. Rys. Cst deck-roof steel 71 Goteborg Sparvagar A.S.E.A. 1912 dt lightweight interurban C Cincinnati & L. Erie; Cincinnati 1930 116 Cedar Rapids & Iowa Cy. C 1904 dt r.r.-roof wood 193 (775) Consolidated; Conn. Co. **Tewett** Third Ave. Rv.: 1892 st closed, ex-cable C 220 (33, 275, Laclede 2780, 20) Metropolitan St. Ry. C 1904 dt interurban Fairmount & Clarksburg; 250 **Jewett** Monon. W. Penn. Pub. Ser.; City Lines of W. Va. C 1895 st closed deck-roof wood 316 (1, Union Ry.; American 489) Third Ave. Ry. C Johnstown Trac. Co. St. Louis 1926 dt lightweight 356 St. Louis 1926 dt lightweight 357 Johnstown Trac. Co. J. M. Jones 1906 dt 15-bench open 401 (923) Consolidated; Conn. Co. Conn. Ry & Lighting: I. G. Brill 1904 dt parlor car C 500 Conn. Co. C 614 (302) Consolidated; Winchester J. G. Brill 1901 dt 15-bench open Av.; Conn. Co. NC. 629 (4239) Third Ave. Ry.; Third Ave. Ry. 1939 dt lightweight Wiener Stadtwerke Verkehrsbetriebe (Vienna City Transit System) C 1912 dt ctr. entr. semi-convert. I. G. Brill 650 (884) Wash. Ry. & Elec.; Capital Transit C 709 Chicago, North Shore Cincinnati 1924 dt heavy interurban & Milwaukee Rv. C 830 Third Ave. Ry. J. G. Brill 1908 dt deck-roof wood C dt arch-roof steel 850 New Orleans Pub. Ser. Perley A. 1922 Thomas C 865 (512) Consolidated; Conn. Co. Wason 1905 dt r.r.-roof wood C dt wood convertible Third Ave. Ry. J. G. Brill 884 C Georgia Power Co. Cincinnati 1926 dt deck-roof steel 948 C 1001 BMT; N.Y. City St. Louis 1936 single-end PCC Stephenson 1906 dt rr-roof wood 1199 (283) Conn. Co. C Conn. Co. 1910 dt r.r.-roof wood 1330 (554) Osgood Bradley 1339 (563) Conn. Co. Osgood Bradley 1910 dt r.r.-roof wood С Montreal Tramways; Ottawa 1914 dt arch-roof 1403 Montreal Trans. Comm. С 1414 (448) Conn. Co. Osgood Bradley 1911 dt 15-bench open C Osgood Bradley 1911 dt 15-bench open 1425 (459) Conn. Co. C Wason 1911 dt deck-roof wood 1602 (612) Conn. Co.

^{*}former numbers shown in parentheses

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PASSENGER STREETCARS (Continued)

Numbers*	Former Owners	Builder	Date	Car Type†	
1706 (W24)	Toronto Ry.; Toronto Trans. Comm.	Toronto Ry.	1913	st single-end convertible	С
1792 (9730)	Nassau Elec. R.R.; BMT; N.Y. City	Laclede	1899	dt deck-roof wood	С
1802	Conn. Co.	Wason	1915	dt arch-roof steel	С
1911	Conn. Co.	J. G. Brill	1919	dt arch-roof suburban	С
1972	Montreal Tramways; Montreal Trans. Comm.	Can. Car & Fdry.	1929	dt single-end steel	С
2001	Montreal Tramways; Montreal Trans. Comm.	Can. Car & Fdry.	1929	dt double-end steel	С
2350	Conn. Co.	Osgood Bradley	1922	st Birney safety car	C
2431	Pub. Serv. of. N. J.	Cincinnati	1913	dt single end	C
2898	Toronto Trans, Comm.	Ottawa	1923	dt single-end Peter Witt	C
3000	Conn. Co.	Wason	1906	dt Birney safety car	С
4573	Bklyn. Rapid Transit; BMT; N.Y. City	Laconia	1906	dt deck-roof convertible	С
5706	Boston Elevated; Metro. Transit Auth.	J. G. Brill	1924	dt arch-roof steel	С
8111	BMT; N.Y. City	St. Louis	1923	dt arch-roof Peter Witt	С

RAPID TRANSIT CARS

Numbers*	Former Owners	Builder	Date	Car Typef	
G (41)	N. Y. Elevated RR; Interboro; N.Y. City	Gilbert & Bush	1878	money collection car	С
M-1	N. Y. Elevated RR; Interboro; N.Y. City	Wason	1878	dt flat	Ċ
M-8	N. Y. Elevated RR; Interboro; N.Y. City	Wason	1878	dt flat	С
62	Interboro; N.Y. City	Pressed Steel	1906	switching motor	Ċ
95	Interboro; N.Y. City	Magor	1914	dt covered hopper	C
197 (167, 324)	Bklyn. Rapid Transit; BMT; N.Y. City	Pullman	1888	elevated psgr trailer	C
659 (476)	Bklyn. Rapid Transit; BMT; N.Y. City	Jewett	1901	elevated psgr motor	С
824	Manhattan Ry.; Interboro; N.Y. City	Pullman	1881	elevated instruction car	С
999	Bklyn. Rapid Transit; BMT; N.Y. City	Bklyn. Hts. RR	1905	elevated instruction car	С
1227	Bklyn Rapid Transit; BMT; N.Y. City	Osgood Bradley	1903	elevated psgr car	С
1349	Bklyn Rapid Transit; BMT; N.Y. City	Cincinnati	1905	elevated convertible passenger car	С
1362	Bklyn Rapid Transit; BMT; N.Y. City	Jewett	1905	elevated convertible passenger car	Ċ
3344	Interboro; N.Y. City	Wason	1904	private subway car "Mineola"	С
3662	Interboro; N.Y. City	Amer. Car & Fdry.	1907	subway passenger car	С
4280	Chgo. Elevated Ry.; Chgo. Rapid Transit; Chgo. Transit Auth.	Cincinnati	1922	elevated psgr car	C

^{*}former numbers shown in parentheses

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SERVICE CARS

	SER	VICE CARS			
Numbers*	Former Owners	Builder	Date	Car Typeł	
Air Car	Singer	?	?	st wood flat car	C .
"Amy"	Abendroth Foundry	General Electric	1902	4-wheel locomotive	C
"Brick"	Johnstown Trac. Co.	Johnstown Trac. Co.	1945	st flat	С
Shunter	Montreal Tramways; Montreal Trans, Comm.	Montreal Tramways	1920	4-wheel shunter (switcher)	С
W-3	Montreal Tramways; Montreal Trans, Comm.	Differential Steel (now DIFCO)	1929	dt crane	С
5	Montreal Tramways; Montreal Trans, Comm.	Peckham	1910	dt rotary snow plow	С
12	Long Island RR	Amer. Car & Fdry.	1927	dt caboose	С
12 (904)	Utah-Idaho Central; Cornwall St. Ry.	Baldwin- Westinghouse	1917	dt Class B steeple cab frt. locomotive	Ċ
25	Ottawa Elec. Ry.; Ottawa Transit Comm.	Ottawa	1923	st line maintenance	С
S-36 (89, 607)	Eastern Mass. St. Ry.; Third Ave. Ry.; Toronto Trans. Comm.	Russell	1920	dt snow sweeper	С
59	Yonkers RR; Third Ave. Ry.	McGuire- Cummings	1914	st snow sweeper	С
133	Singer	?	?	dt wood boxcar	C
0245	Conn. Co.	Russell	1916	dt work car	C
302	Union Street Ry.	J. M. Jones	1907	dt mail	C
516	Lehigh & N. Eng. RR	Amer. Car & Fdry.	1914	st caboose	
1504	Rhode Island Co.; United Elec. Rys.	Rhode Island Co.	1904	dt emergency	С
1575	Rhode Island Co.; United Elec. Rys.	Rhode Island Co.	1912	dt work car	С
3152 (P-8)	Montreal Tramways; Montreal Trans. Comm.; Cornwall St. Ry.	Can. Car & Fdry.	1925	dt snow plow	С
3715 (6028)	United Ry. & Elec.; Balto. Transit Co.	United Ry. & Elec.	1913	dt crane	С
5002	Montreal Tramways; Montreal Trans, Comm.	Montreal Tramways	1918	dt locomotive	С
9137 (96)	South Brooklyn Ry.; N.Y. City	Middletown	1903	dt rail carrier	С
9161 (184)	South Brooklyn Ry.; N.Y. City	Baltimore Steel	1904	dt gondola	С
9421 (171)	South Brooklyn Ry.; N.Y. City	Middletown	1903	dt box freight	С
9425 (175)	South Brooklyn Ry.; N.Y. City	Middletown	1903	dt box freight	С
9799 (9, 340, 68)	Nassau Elec. RR; BMT; N.Y. City	Taunton	1898	st wedge plow	С
9800 (10, 341, 69)	Nassau Elec. RR; BMT; N.Y. City	Taunton	1898	st shear plow	C.
9832 (7)	Bklyn. City RR; BMT; N.Y. City	J. G. Brill	1915	st snow sweeper	С
GATX 58072	General American	Gen. American	1926	dt tank car	C
*former number	ers shown in parentheses	† dt =	double	e truck, st = single truck	

Cover photo credits:

Front: Convertible 4573 in summer operation on our line. by F. Schlegel Back: Open 1425 by J. Stern; 629 by F. Schlegel

8. Significance

Period prehistoric 1400–1499 1500–1599 1600–1699 1700–1799 1800–1899 1900–	agriculture architecture	community planning conservation economics education engineering exploration/settlement	landscape architecture law literature military music philosophy politics/government	e religion science sculpture social/ humanitarian theater transportation other (specify)
Specific dates	N/A	Builder/Architect N/A		

Statement of Significance (in one paragraph)

The Branford Electric Railway brings to life that unique form of transportation, the trolley, which had a large impact on people's lives at the start of this century. Both the physical structure itself and the museum collection are significant, and together constitute an entity which illustrates an important part of early 20th-century history (Criterion A). Moreover, the museum has special meaning for the area, since the bulk of the collection are cars from Connecticut, with another large group representing transit in the greater New York City region.

The line itself is the only remaining long and substantially intact trolley line in the state, and it has been in continual operation since its opening on July 31, 1900. Built by the Branford Electric Railway Company, the line soon became part of the Consolidated Railway, the trolley monopoly set up by the New Haven Railroad. The Consolidated company, later called the Connecticut Company, controlled nearly all the traction lines in the state, and later, most of the bus service as well. In 1947, the company decided to discontinue the New Haven streetcars, the last system still operating, and the Branford line was sold to the two-year-old museum group. Over the course of thirty years, they have extensively repaired the large portion of the line which they operate as a ride for museum patrons. Nevertheless, much of the rail, pole system, ties, and the stone abutments are authentic historical remains. Moreover, the land adjoining the track has changed little: the woods and salt marches are and likely will remain undeveloped, providing an appropriate setting for the line. Although it tied into a streetcar system at one end, the Branford line was like most Connecticut trolley routes: it connected small villages and ran through the countryside.

Some of the cars in the museum's collection were actually used on this line. Car #865, a wooden enclosed car, was built in 1905 specifically for this line. Car #1911, a steel semi-convertible built in 1919, originally ran in Waterbury but was subsequently transferred to Branford, where it ran in the 1930s. The company's parlor car, #500, carried the directors and officers of the company on visits to all their lines, and may be assumed to have seen occasional service over these tracks. Many of the other Connecticut cars which were based in New Haven were probably used occasionally over the Branford line, especially in excursion service to Stony Point. The Branford Museum is unusual among trolley museums in that it has maintained an authentic trolley line in operating condition, using in part rolling stock which historically ran on its track.²

The extent of the museum's collection goes beyond the Branford line, however, and includes cars which recall the trolley's pervasive influence throughout all of early 20th-century Connecticut. Streetcars had an important effect on the state's cities: greater personal mobility within the downtown area, access to jobs at a distance from one's home, and easy trips to parks and cemeteries at the city's outskirts. As an example of the popularity of the streetcars, the Willimantic Traction Company is typical: serving a city of about 4,000 people and operating with only one mile of track along Main Street, the system carried in its first year over a half million fares! The museum

9.	Majo	r Biblio	graphical	References
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Attest:

Chief of Registration

Crapo, Raymond F. The Environment of the Traction Era. Short Beach; Branford Electric Railway Historical Publications, 1978. East Haven: Branford Electric Railway Association, 1975. Ride Down Memory Lane. 10. Geographical Data c. 21 Acreage of nominated property Branford Quadrangle scale Quadrangle name **UTM** References see continuation sheets Zone Northing Verbal boundary description and justification The extent of the nominated area is defined by the heavy dashed line shown on the enclosed "Map of Property Owned by the Association." It includes the Sprague building, the right-of-way, and car barns. None of the adjacent acreage owned by the museum was included. List all states and counties for properties overlapping state or county boundaries county N/A N/A state code N/A code N/A N/A county N/A N/A code code state Form Prepared By Bruce Clouette, Consultant, edited by John Herzan, National Register Coordinator date October 8, 1982 organization Connecticut Historical Commission telephone (203) 566-3005 street & number 59 South Prospect Street city or town Hartford 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 Director, Connecticut Historical Commission title date April 5, 1983 For NPS use only I hereby certify that this property is included in the National Register Keeper of the National Régister

date

NPS Form 10-900-a OMB No. 1024-0018 (3-82) Exp. 10-31-84

United States Department of the Interior National Park Service

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Significance (continued):

preserves from this era many of New Haven's streetcars, including some of the famous open cars which carried football fans to the Yale Bowl; the only surviving car (#1802) which operated all its life in the Hartford system; and cars from Waterbury, Stamford and Torrington (#'s 1333, 1199, & 3000).

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Many of Connecticut's trolleys ran far into the countryside, connecting small farming and manufacturing centers to each other, and ultimately, to the urban systems. In contrast to the streetcars, these lines had stations, ran on schedules, and made only limited stops. Villages as small as Central Village (Plainfield), South Coventry, and Somers were connected into this network. Car #2350, for example, ran between the city of Middletown and Highland, a farming village of about a dozen houses and one large resort hotel (there were mineral springs nearby). The brass fittings, hardwood seats, stained glass windows, and bright yellow paint recall what was the high pint of public transportation in Connecticut.

Several cars in the collection have individual significance which transcends their simply serving as representative trolleys. Parlor car #500, for example, is in near original condition: its plush seats, servant bells, onboard kitchen, and elaborate neo-Classical woodwork suggest the upper-class lifestyle of public transportation's Similarly appointed is car #3344, the Mineola, the private car of private owners. New York subway entrepreneur August Belmont. Car #61, from Providence, Rhode Island, is notable as one of the earliest trolleys built as an electric car (as opposed to converted horsecars like #3); it has the curved sides, clerestory roof, single-truck design, and decorative elements like red stained glass which typify the first generation of streetcars. At the opposite end of the continuum is #1001, significant as the first PCC (Presidents' Conference Committee) car to be built. The PCC was a streamlined, state-of-the-art trolley; its 1936 design was sponsored by a consortium of traction company presidents who hoped to reverse their declining patronage with a better trolley. Although PCC cars can be seen running in many cities today, car #1001 is notable as the first of that successful design.

Connecticut's other trolley museum at Warehouse Point, has an extremely valuable collection of trolleys and electric locomotives, including of the first built by General Electric, the Ponemah "Black Maria" (1895), and it operates over an old trolley right-of-way. However, all their track and structures were built anew when the museum was set up, and they do not have any of the cars built for their line.

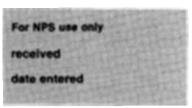
The Arden Trolley Museum, Washington, Pennsylvania, was also taken over as an operating line, but it is not as early as Branford's. The Media SEPTA line out of Philadelphia is still operated as public transit; it too is somewhat later than Branford.

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UTM References:

- A: 18/678960/4571250
- B: 18/679000/4571210
- C: 18/678980/4571180
- D: 18/679050/4571100
- E: 18/679100/4570920
- F: 18/679300/4570730
- G: 18/679580/4570240
- H: 18/679760/4570320
- I: 18/679860/4570300
- J: 18/679950/4570180
- K: 18/680120/4569650
- L: 18/680080/4569640
- M: 18/679890/4570240
- N: 18/679800/4570280
- 0: 18/679600/4570210
- P: 18/679500/4570250
- Q: 18/679250/4570720
- R: 18/679020/4570860
- S: 18/679000/4571160
- T: 18/678950/4571170

