UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

REQUESTED ACTION: REMOVAL

PROPERTY Canal Station NAME:

MULTIPLE NAME:

STATE & COUNTY: LOUISIANA, Orleans

DATE RECEIVED: 2/13/15 DATE OF PENDING LIST: DATE OF 16TH DAY: DATE OF 45TH DAY: 3/31/15 DATE OF WEEKLY LIST:

REFERENCE NUMBER: 92001873

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL:NDATA PROBLEM:NLANDSCAPE:NLESS THAN 50 YEARS:NOTHER:NPDIL:NPERIOD:NPROGRAM UNAPPROVED:NREQUEST:NSAMPLE:NSLR DRAFT:NNATIONAL:N

COMMENT WAIVER: N

VACCEPT RETURN REJECT DATE

ABSTRACT/SUMMARY COMMENTS:

REMOVED from National Register

RECOM. / CRITERIA Remove	í no /
REVIEWER Calson Beall	DISCIPLINE /Kirlery
TELEPHONE	DATE 3-31-1.5 /

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

If a nomination is returned to the nominating authority, the nomination is no longer under consideration by the NPS.

United States Department of the Interior National Park Service		Canal Station Name of Property Orleans Parish, LA County and State N/A Name of multiple listing (if applicable)	
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Section number <u>7</u> Page	1		

OMB No. 1024-0018

The purpose of this additional documentation is to remove Orleans Parish's Canal Station (the city's historic Canal Street Carbarn) from the National Register of Historic Places. The facility was added to the Register on February 4, 1993. Its 1861 portion was significant under Criterion A as the last surviving building associated with the city's first city-wide public transportation system. It was also eligible under Criterion C as a rare example of early long-span trussed roof engineering technology. The 1887 portion of Canal Station was significant under Criterion A for its association with the steam locomotive streetcar system for which it was constructed.

According to the National Historic Preservation Act of 1966 [36 CFR 60.15 (a)(1)], a property may be delisted if it has ceased to meet the criteria for listing in the National Register because the qualities which caused it to be originally listed have been lost or destroyed. Sadly, this is the case for Canal Station, which lost its significance and integrity when, due to the efforts of then city mayor Sidney Bartholomey, it was demolished some time in 1993. In fact, the effort to list the historic resource, led by a local resident, appears to have been a failed effort to save the building. Later, a new combination carbarn and office facility was constructed on its site.

In summary, all property included in the Canal station nomination boundaries is being proposed for delisting because, with its demolition, all aspects of its significance and integrity have been lost.

NOTE:

NPS Form 10-900-a

The leadership of the Louisiana Division of Historic Preservation changed with the retirement of two employees, its long-time Director and its National Register Coordinator, in 2007. During their tenure, the Division did not make the delisting of destroyed and moved Register properties a priority. This meant that some information in our data bases was incorrect. The natural disasters and losses of historic resources experienced by Louisiana in recent years have caused government agencies and private consultants to become more dependent upon these data bases for accurate information about National Register listings. Thus, our current leadership

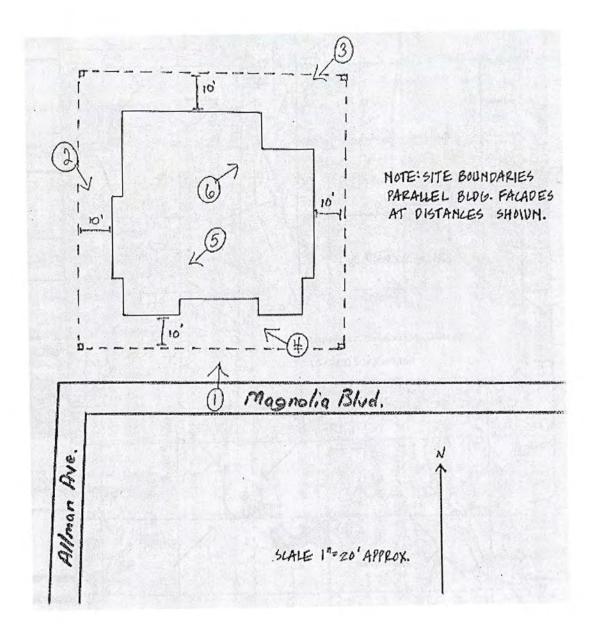
is convinced of the importance of removing lost and moved properties from the National Register. This explains why an official request for delisting is occurring so long after the loss of this resource.

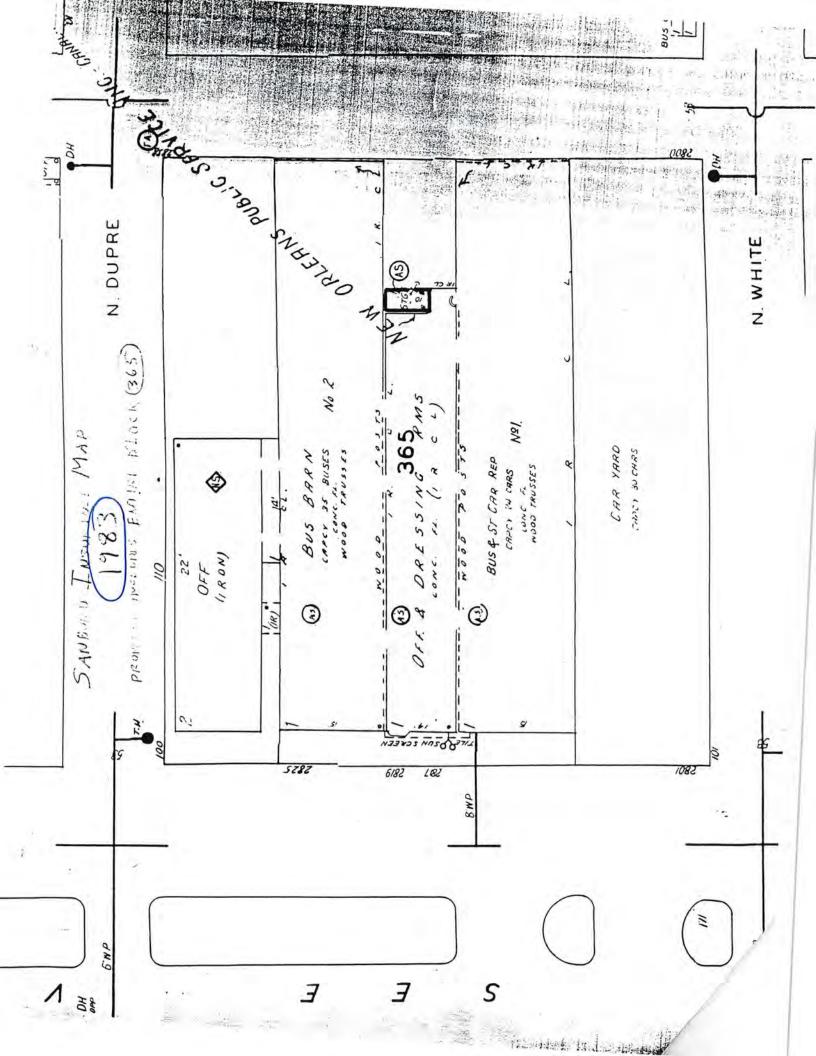
Bibliography:

- Canal Street Car Barn National Register nomination and correspondence; copies in National Register file.
- "Sidney Barthelemy, Wikipedia, <u>http://en.wikipedia.org/wiki/Sidney_Barthelemy</u>, accessed October 4, 2012.
- Visit to replacement New Orleans Regional Transit Authority (NORTA) office and carbarn, (located on site of 1861/1887 facility at 2819 Canal Street) by National Register staff, September 21, 2012.









United States Department of the interior National Park Service

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SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: 92001873

Canal Station Property Name

Orleans **County** LOUISIANA State

Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

Signature of the Keeper

2/9/93 Date of Action

Date Listed: 2/4/93

Section No. 5

This nomination was submitted as the result of an appeal, which was sustained by the Keeper. The Louisiana SHPO complied with all the procedural requirements for a nomination, but did not concur with the Keeper's finding that the property was eligible for listing. Since the SHPO did not sign the form, she also did not recommend a level of significance. We have concluded that the appropriate level is local.

This SLR should not be included as a technical or substantive problem in connection with the State Program Review process. Since the state did not support the nomination they had no obligation to recommend a level of significance.

DISTRIBUTION:

National Register property file Nominating Authority (without nomination attachment)

United States Department of the Interior National Park Service

National Register of Historic Places Registration Form

3 1991

NATIONAL.

This form is for use in nominating or requesting determinations of eligibility for individual properties or districts. Second States in Guidelines for Completing National Register Forms (National Register Bulletin 16). Complete Particle in by marking "x" in the appropriate box or by entering the requested information. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, styles, materials, and areas of significance, enter only the categories and subcategories listed in the instructions. For additional space use continuation sheets (Form 10-900a). Type all entries.

1. Name of Property				
historic name Canal	Station			
other names/site number	Canal Carbarn	ns, Canal Depot		·
2. Location	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>	,
street & number 2819	Canal St.			not for publication
city, town New Orlea				vicinity
state Louisiana	code LA	county Orleans	code LA	071 zip code 70119
3. Classification			<u></u>	
Ownership of Property	Catego	ry of Property	Number of Reso	urces within Property
private	🗶 buil	ding(s)	Contributing	Noncontributing
🗶 public-local	dist	rict	3	buildings
public-State	site			sites
public-Federal	🛄 stru	cture		structures
	🗌 obje	ect		objects
				Total
Name of related multiple p	roperty listing:		Number of contr	ibuting resources previously
			listed in the Nati	onal Register0

4. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1966, as amended, I he nomination request for determination of eligibility meets the documentation standards for reginational Register of Historic Places and meets the procedural and professional requirements set for In my opinion, the property meets does not meet the National Register criteria.	stering properties in the
Signature of certifying official	Date
State or Federal agency and bureau	
In my opinion, the property meets does not meet the National Register criteria. See contin	nuation sheet.
Signature of commenting or other official	Date
State or Federal agency and bureau	
5. National Park Service Certification	· · · · · · · · · · · · · · · · · · ·
I, hereby, certify that this property is:	2/4/93
determined not eligible for the National Register.	
removed from the National Register.	

Signature of the Keeper

Date of Action

6. Function or Use	
Historic Functions (enter categories from instructions) TRANSPORTATION/ rail related	Current Functions (enter categories from instructions)
7. Description	
Architectural Classification (enter categories from instructions)	Materials (enter categories from instructions)
	foundation BRICK.CONCRETE
OTHER-timber frame streetcar barns	walls METAL/ iron, BRICK, WOOD
	roof METAL/, iron
	other <u>N/A</u>

Describe present and historic physical appearance.

This is a streetcar barn complex consisting primarily of two wood frame, post and beam, gable roof carsheds, exterior wall covering sheet iron, roof covering corrugated iron, built after a fire in 1887. There is also a wood frame, post and beam carshed with an arched roof supported by wrought iron trusses, built in 1861 to which one of the 1887 buildings forms a long addition. The 1861 building has a corrugated iron roof covering, as originally. It has a sheet iron wall covering. There is also a small, one story office building between the two sets of carsheds, **built of the set of the s**

The 1861 carshed has a massive post and beam wall structure. The roof structure consists of wrought iron "principles" or trusses, arching from one side wall to the other, at the ends fitting into cast iron shoes attached to the massive 10x10 wood side wall plates. The ends of the arches are kept from spreading by iron tie rods stretching across the barn from one end of the arch to the other. On top of the iron arches are wood purlines running parallel to the side walls. On top of these is a mass of planking bent to fit the curve of the arch. This is covered by corrugated iron, as specified in the original builder's specifications of 1861. The building originally had no facade, as a long, narrow building originally stretched in front of it and the flanking stable. This is refered to in the builder's specifications as the "station hall" or the "dormitory". What remained of the dormitory after part was destroyed in 1887 was demolished sometime between 1898 and 1908. At that time, a facade similar to the one on the flanking 1887 carbarn was added, gable end. As the 1887 building had a gable roof, placing a facade similar to its on a building with an arched roof similar to that on, say, a quanset hut or airplane hanger produced an odd "false front" effect, with the peak of the facade much higher than the highest point of the arch roof. The building has no rear wall, as this was removed when an extension was added in 1887. The side facing white St. originally had no sheathing, as a stable stood next to it and right up against it. After the fire of 1887 the upper half of the wall was covered with sheet iron, this being extended to the ground sometime in the mid-1960's. The other side wall was originally covered with rough weatherboarding, replaced partly by sheet iron and partly open for access to the office next door. The front entrance, originally without doors, now has metal doors added in the mid-1960's.

The flanking carbarn was built in 1887. It is of massive post and beam construction with a gable roof structure of massive wood trusses triangular in shape. It apparently has always had a corrugated iron roof covering, laid directly on the roof, structure with no underlying planking or other sheathing, and side walls covered with sheet iron, "iron clad" as the 1896 Sanborn Insurance Map terms it. Originally open, the ends are now closed by metal doors added in the mid-1960's. his is a long, relatively narrow building extending the width of the block. A building of identicle construction was built as an addition to the rear of the 1861 carbarn.in 1887. THERE is also a small **X** See continuation sheet flanking it built 1898-1908. One story, flat roof. United States Department of the Interior National Park Service

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The concrete block sun screen in front of the office building was erected in 1964, as part of the "Transit Improvement Program" of that year. See enlarged copy of "Transit Rider's Digest" enclosed. The original facade of the office building is masked by a wooden screen of vertical boards with openings for air conditioners. So far as can be determined, the original facade appears to be structurally intact. The openings in the screen appear to cor correspond with the original much larger window openings in the original facade. Removal of the screen would be necessary to determine the original door and window openings. There is at present no access behind the concrete block sunscreen, so far as I have been able to determine, so a closer inspection was impossible.

The only way the successive enlargements of the office complex can be documented is by studying successive plans and photos. Thus the first section was built sometime between 1898, when a photo shows the original "station hall" with its ground level office still standing, and 1908, when the Sanborn map shows the first section of the present office in existance. It is quite likely that material from the old structure was used to build the new. The 1927 aerial photo shows the office extended towards the rear(Iberville St.). Some distance behind is a long narrow shed attached to the side wall of the 1861/1887 carbarn, the one (carbarn) chosest to White St. Presumably this shed was built in the same intervening period 1908-1927. The 1936 N.O.Public Service plan and the 1940 Sanborn map show the office extended still further towards Iberville St., almost touching the narrow shed in its rear. See enclosure 8, top photo. Note raised inspection track next to shed. There were no major changes until the end of the streetcar era.

In 1964, when the complex was converted to bus maintenance, the inspection track between the carbarns was removed. A concrete block store room was built in the place indicated on the enclosed 1983 Sanborn map, and the space between the 1887 carbarn(former steam dummy building) and the long shed attached to the side wall of the 1861/1887 carbarn was roofed over, as indicated on the Sanborn map. According to employees who were present at the time, the work was done without any significant demolition, mostly an addition to what was there already. Exploratory demolition should confirm this. The area immediately behind the screen wall(rear) between the two carbarns is an open storage yard.

Most of the structures in the office complex appear to be of wood frame construction, there are masonry interior walls, but it is difficult to determine when they were built. Some sections of the complex(office) were originally sheathed in wood, some in metal. The roof is generally flat, but irregular due to the way structures were joined together. Further details would depend on totallaccess to all parts and some exploratory demolition.

The 1896 Sanborn map describes the long sides and rear facades of the two carbarns as "iron clad", as does the 1908 Sanborn map, which indicates doors on the rear facades. This "iron clading" presumably dates from 1887, when the wood truss carbarns were built. 'he 1927 aerial photo shows the iron siding covering the upper half of the sides of the carbarns. As with other buildings of this type in New Orleans, the siding was corrugated iron attached with the corrugations running vertically to the ground. In 1939, according to Mr. Robert B.James, retired New Orleans Public Service Co. official, most of the lower portions of the carbarn sides were enclosed by adding additional corrugated iron. Most of United States Department of the interior National Park Service

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this original siding appears to be intact under the present exterior covering of thin corrugated metal which seems to be attached to the corrugated iron with large sheet metal screws. This present covering was applied with the corrugations running vertically with the ground as were the originals, and has much the same appearance at a short distance. I was unable to find anyone who knew even approximately when this covering was put on. Probably it was in 1964, when the rest of the work was done. A very small section of the siding on the White St. side of the 1861 carbarn was replaced with flat non-metallic siding, as indicated in the drawings. This appears to be identical with that now covering the Canal St. gables, and was presumably put there for the purpose of making the most visible portions of the carbarns look more "modern" in 1964. The early metal coverings on the front gables of the carbarns were certainly present at the time of the 1964 "modernization", and veteran transit employees with whom I have spoken believe that it was merely covered over, although removal of the present covering would be necessary to prove this. Most of the original corrugated iron is clearly visible in the interior of the carbarns, as there is little if any interior sheathing in the carbarns proper. Presumably most of the upper portion dates from 1887, the lower portions from 1939. Buildings of this type have been of little interest to most preservationist and architects in this area, and no one could think of anyone here who was knowledgable about corrugated iron types, etc.

All of the pre-1941 buildings, so far as is known, have brick foundations. Concrete foundations were used for the 1964 additions. The non-contributing building is a two story office building constructed in 1967. See copy of "Transit Rider's Digest". This is of metal frame construction on a concrete slab foundation, with metal sides and a flat roof. It stands on the approximate site of the "Foreman's Dwelling", built in 1861 and removed prior to 1908. To the rear of this office building is an open parking space once occupied by a group of small shop buildings shown on the 1896 Sanborn map and removed in 1964.

8. Statement of Significance			
Certifying official has considered the significa		n relation to other properties: tewide Incally	
Applicable National Register Criteria	□в дс □	D	
Criteria Considerations (Exceptions)	□в □с □	D 🗌 E 🗍 F 🗍 G	
Areas of Significance (enter categories from in TRANSPORTATION ENGINEERING	nstructions)	Period of Significance <u>1861-1941</u> <u>1861-1941</u>	Significant Dates 1861,1876,1894 1861, 1887
		Cultural Affiliation	
Significant Person		Architect/Builder 1861 carbarn: ARCHITEC Page, John. 1887 carba Sully, Thomas. Builder	rns: Architect,

State significance of property, and justify criteria, criteria considerations, and areas and periods of significance noted above.

1861 carbarn is the sole surviving portion of the horsecar system built by the New Orleans City Railroad Co. in 1860-61. This was the first citywide streetcar system in New Orleans and one of the earliest in the United States. It is believed to be the oldest surviving streetcar barn in the United States, and the oldest structure continuously in use for transit purposes. It is the sole survivor of five carhouses built in 1861 using wrought iron trusses, then a relatively new type of construction for this area, and topped with corrugated iron, an early use of this material. The "iron arched roof" as these were refered to, was considered striking and unusual at the time.

The 1887 structures, with the 1861 barn, constitute a fine example of a late horsecar era carbarn complex, the only one surviving in New Orleans. The 1887 barn nearest Dupre St. was originally built to house the steam "dummy" locomotives and coaches of the West End excursion line. Steam locomotive operation for surface street railway operation was never very common, and this structure, essentially intact, may well be the only remaining facility once used to maintain this type of operation. The similar structure built in back of the 1861 barn was probably used as the stable for the mulecar operation, in addition to housing repair and paint shops. These buildings are splendid examples of late 19th century, massive timber frame, post and beam construction, roofed with corrugated iron and sided with sheet iron. These have undergone no serious structural modification. Very long in relation to their width, looking from one end into the interior, the row of great wooden trusses stretches into the distance, resembling the wooden snowsheds once used by railroads in the Sierra Nevada Mountains. The massiveness of the frame and trusses, and the repetition of identical units on such a scale is extremely impressive. Structures of this type, once perhaps relatively common, have tended to disappear due to the ravages of fire and decay, to which stone and brick buildings were less vulnerable. Also, the tendency was to replace most buildings of t is type of construction with masonry or steel construction during the electric streetcar era. Steam "dummy" operation began in 1876, ended 1898.

The facade placed on the 1861 carbarn 1898-1908 is an odd example of an attempt to blend an older structure in with a group of buildings of later and different construction. The small brick office building is of no particlular architectural interest but is important for its association with the heyday of the electric streetcar in New Orleans. It is the only surviving building erected during that period in the Canal barn complex

This complex, first used for transit purposes in 1861, grew and evolved into the main, central barn of the entire system. Reaching what was essentially its present form in 1887, certainly after 1908 there were no major changes.

See continuation sheet

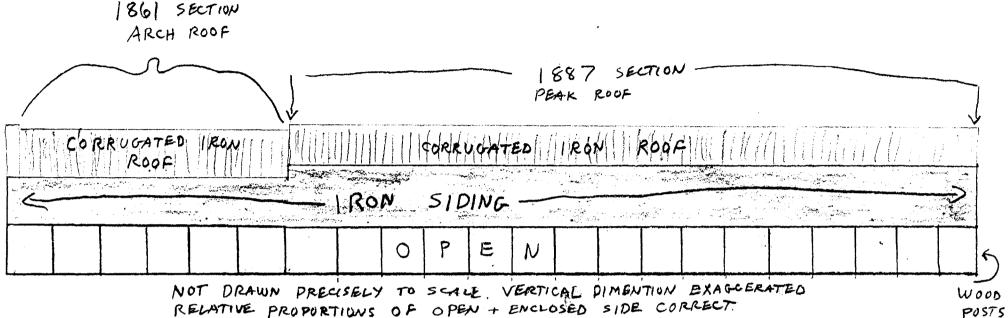
9. Major Bibliographical References

Hennick, Louis C. and Charlton, E. Harper "The Streetcars Of New Orleans", New Orleans 1975, Pelican Publishing Co. "Horse Railroads In New Orleans" no author credited. "Daily Picayune" New Orleans April 21, 1861 Page 1. "A Disastrous Fire". no author credited. "New Orleans Times-Democrat" New Orleans January 20, 1887.

	See continuation sheet
Previous documentation on file (NPS):	
preliminary determination of individual listing (36 CFR 67)	Primary location of additional data:
has been requested	State historic preservation office
previously listed in the National Register	Other State agency
previously determined eligible by the National Register	Federal agency
designated a National Historic Landmark	x Local government
recorded by Historic American Buildings	
Survey #	Other
recorded by Historic American Engineering	Specify repository:
Record #	New Orleans Notarial Archives
	· · · · · · · · · · · · · · · · · · ·
10. Geographical Data	
Acreage of property	
UTM References	
A 155 780538 3318962	
Zone Easting Northing	Zone Easting Northing
	See continuation sheet
Verbal Boundary Description	
· ·	
The city block bounded by Canal, N.White, N.I	Jupre and Iderwille Sts.
	•
	See continuation sheet
Boundary Justification	
The boundary includes the entire city block	that has historically been associated with
the property. The entire city bock has been us	
	· · · · · · · · · · · · · · · · · · ·
	See continuation sheet
11. Form Prepared By	
name/titleEdwin Dalton Weber, Jr.	
organizationN/A	dateOctober 22, 1991
street & number <u>5026 Press Drive</u>	telephone504-282-5329
city or townNew Orleans	

WHITE ST. ELEVATUON OF 1861/1887 CARBARN PRIOR TO 1939 SHOWING IRON SIDING

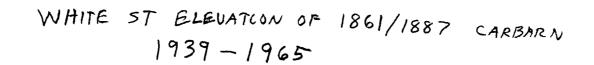
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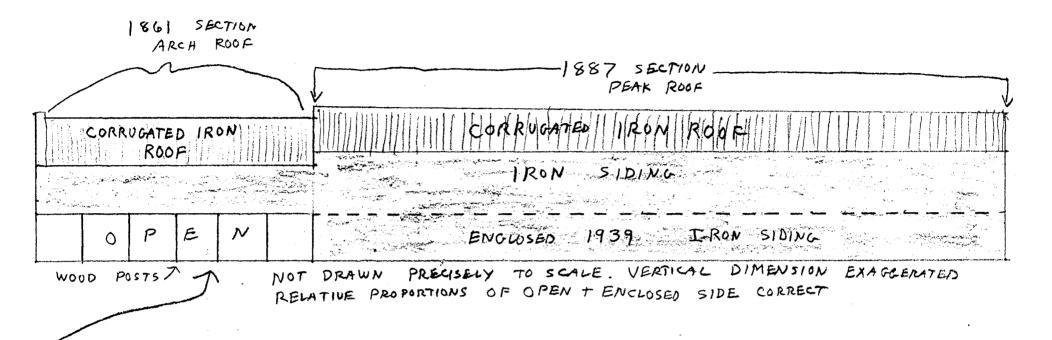


RELATIVE PROPORTIONS OF OPEN + ENCLOSED SIDE CORRECT.

SANBORN MAP OF 1896 REFERS TO SIDES OF CARBARNS AS "IRON CLAD". THIS PROBABLY " WAS DONE DURING REBUILDING OF 1887 AFTER FIRE, 1927 AERIAL VIEW SHOWS SIDES AS DRAWN ABOVE, THERE WERE PROBABLY NO MAJOR CHANCES PRIOR TO 1939, WHEN MOST OF OPEN SIDES WERE ENCLOSED

Edwin D. Wederfr MARCH 17, 1992

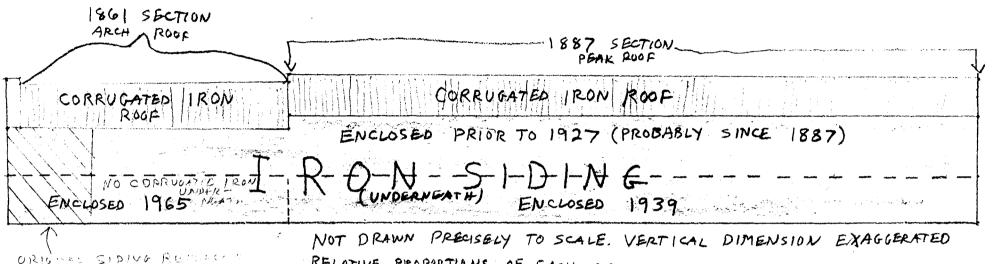




IN 1939, ACCORDING TO MR. ROBERT B. JAMES, A RETIRED NEW ORLEANS PUBLIC SERVICE CO. OFFICIAL, MOST OF THE OPEN PORTIONS OF THE SIDES OF THE CARBARNS WERE ENCLOSED, WITH THE EXCEPTION OF THE PART SHOWN ABOVE.

Edwig D. Webergh March 17, 1992

WHITE ST. ELEVATION OF 1861/1887 CARBARN 1965 - PRESENT

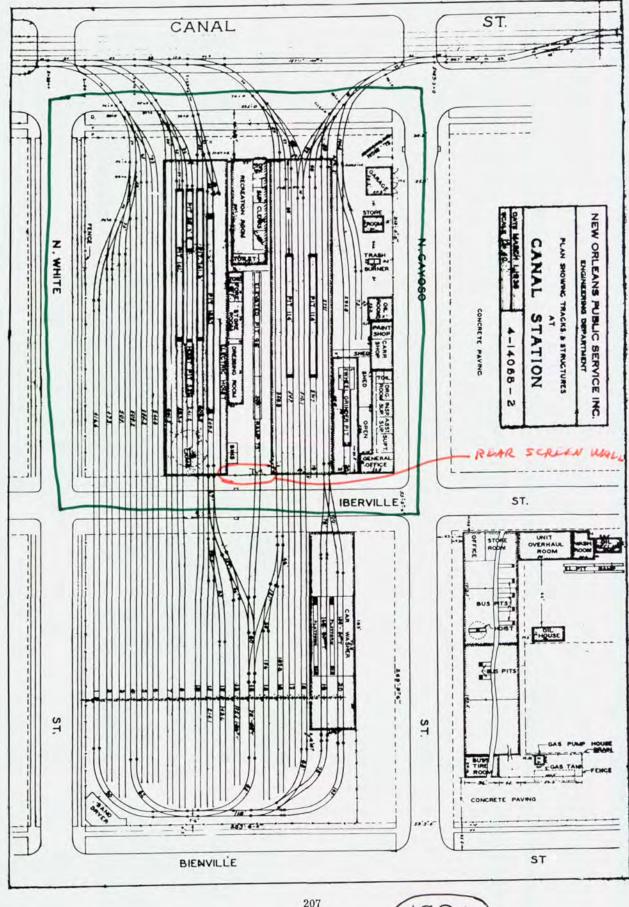


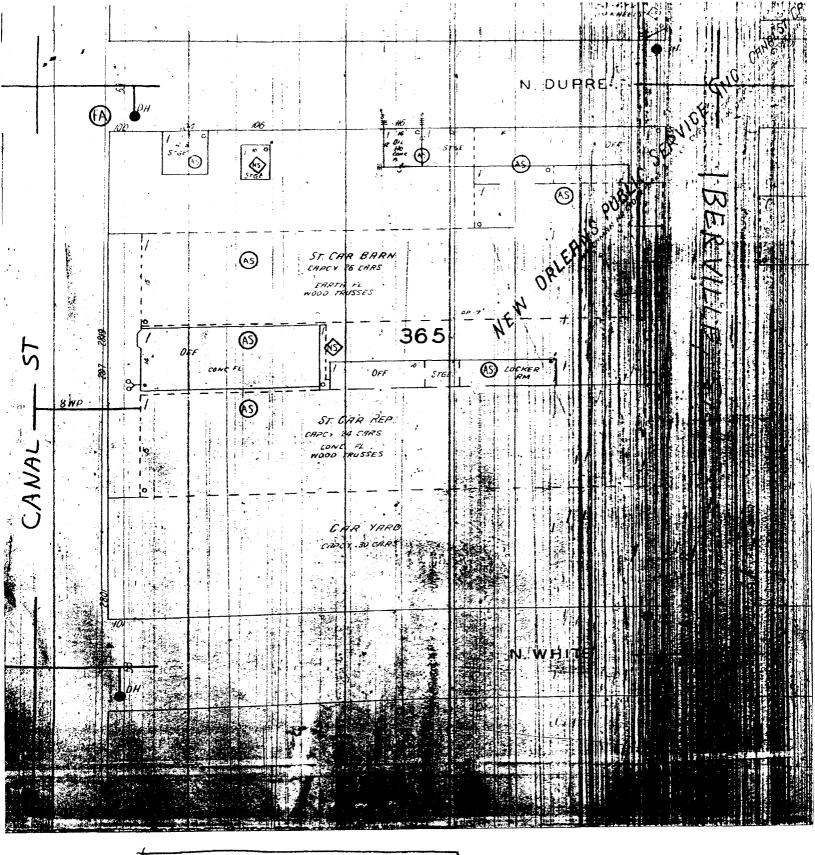
BY FLAT, NON-METAILIC RELATIVE PROPARTIONS OF EACH AREA OF SIDING CORRECT

REMAINING SIDES OF BOTH CARBARNS SHOW SIMILAR HISTORY. UPPER HALF ORIFINALLY ENCLOSED, ALL OR MOST OF LOWER HALF ENCLOSED IN 1939 MOST OF CORRUCATED IRON INTACT UNDER MODERN THIN METAL SIDING MET IN SECTION ATTACHED TO CORRUCATED IRON WITH SHEET METAL SCREWS

Edwin D. Weke Jr March 17, 1992

PUBLIC SPATTLE N. DUPRE 5 T.H 110 100 CONCRETE BLOCK R 967 ROUFED OVER 'nγ **(A)** BUS BARN 35 BUSES 1887 No 2 TRUSSES 000 BERVILLE C SCREEN -1936 (AS STORAGE 6 1898 0 OFF. Å DR Yard A Dsuv (1908-1927 908-1927 75 TS T (L) BUSE ST GHR REP MACY 24 CARS 887 Nº/ 1861 **W** WAR F. NOOD TRUSSES C R ì CHR YARD CARLY SUCHAS <u>,</u> WHITE ST r r BUILT CANAL AFTER SANBORN MAP 1983 1941 SHOWING DEVELOPMENT OF OFFICE COMPLEX





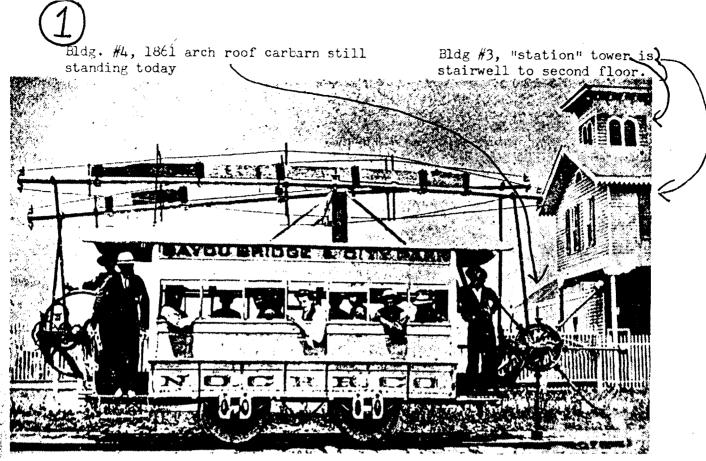
1940 SANBORN MAP

Enclosures 1-9 are from "The Streetcars of New Orleans" by Louis C.Hennick and E. Harper Charlton, 1975 edition. 10-12 are Sanborn Insurance Maps, on microfilm in most area libraries.

- 1)Note the old "station" with its "church tower" containing the stairway to the second floor.Presumably there was a similar structure on the far end of the building(note the 1885 Sanborn map). The carbarn visable behind the station is the one still standing(Bldg#4) on plans
- 2) Picture of Canal showing how the cars passed under the "station", with Bldg #1, 1887 carbarn, visable at left
- 3) Interior of Canal barn showing the juncture of 1861 and 1887 carbarns. note iron tie rods and wood trusses
- 4) Shows facade added to Bldg#4 1898-1908. This is similar to the one on Bldg#1 Is now crudely sheathed with metal but could easily be restored
- 5) Shows a typical "dummy" train shch as operated out of Canal 1876-1898
- 6) Shows the tower of Canal station that survived fire of 1887
- 7) Canal in 1896. Tower gone by this time. "Station" as shown here is but half of the original building, which extended further to the right. What is apparently an office on the bottom floor was added after the fire of 1887
- S) Top view is looking from Iberville between the two carbarns. Bldg#1 at right Bottom view(1960) shows old 1861 carbarn with White street side still open as it had been since fire of 1887, and destruction of the stable which occupied site where streetcars are parked here. This side of the barn was enclosed in 1965. Structure still intact.
- 9) Bottom is 1875 Poland barn. Top is how it was rebuilt after hurricane. If Canal had been rebuilt in 1930, this is how it would have looked.
- 10) Canal barn in 1885 on Sanborn map. Note Bldg#4 "Street R.R.Car Ho.". This is the 1861 carbarn standing today. The building next to it with the "X" going from corner to corner is the stable. The long building in front running along Canal St is the "station", only half of which survived the 1887 fire. The building labeled "Steam Car House" stands on the same site as Bldg#1, the 1887 carbarn which stands today. The "Foreman's Dwelling" survived the 1887 fire, as it is shown on the 1896 Sanborn map, but not on any later ones. On its site now stands the office building built in 1965(lower left corner).
- 11) Canal barn in 1896 on Sanborn map. Basically the same plan as today, except for the surviving part of the "station". Note the "discontinuity" in the roof marked by green arrow. This apparently marks the junction between the 1861 and 1887 barns. This and the preceding map are on approximately the same scale. If you overlay them using the "station" as a guide you find that the Buildings marked #4 on both maps match each other virtually exactly.
- 12) Canal barn in 1908 on Sanborn map. note that the "station" is gone and the 1861 carbarn now has a facade similar to Bldg#1, the flanking 1887 barn. The general layout is essentially the same as at present.

Buildings #1-1887 carbarn #2-1887 carbarn #3-1861 "station" or dormitory A) Part that survived fire of 1887, demolished 1898-1908 B) Part destroyed in fire of Jan. 19,1887 #4-1861 carbarn #5-Stable moved here in 1861. Burned Jan. 19,1887

SURVIVED FIRE OF 1887



The famous walking beam car. About 1871, in front of Canal Station (Barn) at White St.

Courtesy N.O.P.S.I.

The potential worth of these inventions were weighty enough to call fourth much capital and interest, especially on the part of the New Orleans & Carrollton RR. Co. and Gen. Beauregard. For instance, the N. O. & C. RR. Co. in 1872 conducted comparative trials to determine the ammonia locomotive's economies over animal propulsion. It was found that to operate the ammonia locomotive cost \$6.775 per day as compared to \$9.910 per car per day for animal traction. Expenses of animal upkeep and feed, also labor and track work (plank walkway), were cut out by Lamm's invention. May 27, 1872 saw the charter filed for The Ammonia & Thermo-Specific Propelling Co. of America. New Orleans' "social register" staffed the Board of Directors. Dr. Emile Lamm, Mr. Leon Godchaux, Mr. P. J. McMahon, Mr. W. C. Wilson, Mr. Jules Brudy, Gen. Beauregard, Mr. G. L. Laughland (elected President of the company), and Mr. H. C. Millaudon put their signatures to the company's charter.

Mention of the ammonia engine showed in the "Daily Picayune", February 21, 1871. The engine, tendered by Dr. Lamm, made several trips from the Clay Statue, out Canal Street to Halfway House and back. The entime was referred to as a "motor". Its workings were imple and very similar to a steam engine. Aquaimmonia (1/5th part of Ammonia to 4/5ths part of water) was heated in tubes (flues) surrounded by mater. The water was heated by a small coal flame (one barrel of coal required for three trips). The Ammonia effervesced rapidly, provided motivating power cylinders. Ammonia was not allowed to escape, was retained to be mixed with water anew. However, the Thermo-Specific engine was more practical. Loss of energy in the transformation of the fuel into energy doomed the Ammonia engine. The Thermo-Specific engine used superheated water in 18" diameter tanks located on the roof of the "motor" (it was not clear in newspaper accounts if a "dummy" or a standard mule car was employed). Steam from the superheated water propelled the engine. However, having to constantly replenish the tanks rendered the experiment unwieldy for tight street railway operation. Dr. Lamm did not discontinue experimentation. August 24, 1872. The Combination Propelling Co. of New Orleans, Louisiana was chartered to build and sell the "motor" patented by Sylvester L. Langdon. Lamm joined forces with Langdon, and on December 10, 1874, the company was reorganized as The Lamm Fireless Engine Company. The product was similar to the earlier Lamm experiments. Several were bought by the Crescent City RR. Co. and the New Orleans & Carrollton RR. Co. All were converted to standard steam locomotive type propulsion. The engines were 0-4-0s and 2-2-0s with exposed boilers, both horizontal and vertical types. Incidentally, some of Lamm's Thermo-Specific engines saw street railway service in Paris, France beginning 1878.

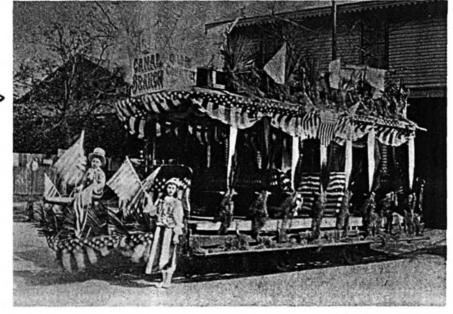
Other companies in New Orleans testing locomotive propulsion were: Ammonia Motor & Railway Co., chartered September 2, 1890 to build and sell motor cars, organized by Atwood Violett, Thomas Woodward, and J. L. Byrne. Company dissolved 1891 and sold

-1965 EDITION

5-1975 "



Bldg #1 1887 carbarn



Bldg #3, "station" Bldg #4, 1861 carbarn behind it

Chas. L. Franck Photo Only available photo of an 1893 open car. New Orleans City & Lake RR. Co. Canal Station, 1898. Car decorated for Employees Benefit Assn.

4-Orleans RR. Co. 1895 Brills

1-N. O. & C. RR. 1893 St. Louis car.

- 50-1910 "Prytania" cars, St. Louis Car. Co., with Lord Baltimore truck.
- 245—Ford, Bacon & Davis type cars, all built between 1896 and 1908 by St. Louis, American, and Mc-Guire. Lord Baltimore or McGuire truck.

As of the same date — June 30, 1918 — only 259 double-truck cars were on the roster.

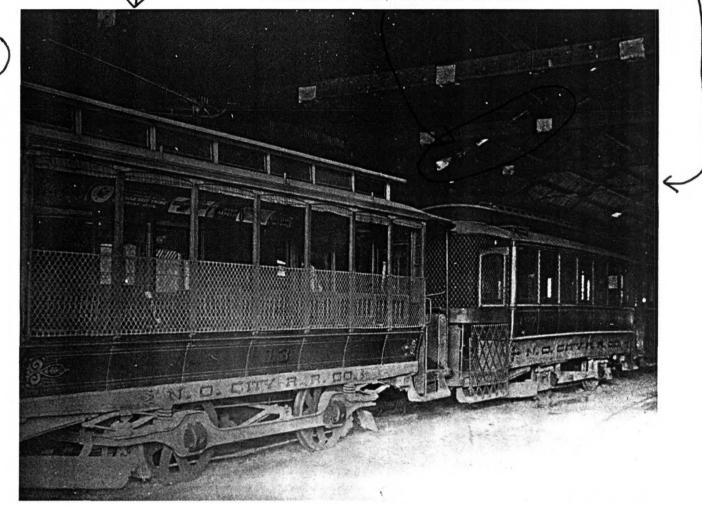
To give a condensed recapitulation of single-truck cars used in New Orleans from 1893 to their retirement in 1932:

- . 1893: Seven-window, open platforms; built by St. Louis Car Co. with McGuire 19-F truck, for New Orleans & Carrollton RR. Co. In 1894, N. O. & C. RR. Co. had 70 St. Louis Car Co. cars (including the "Atalanta") on McGuire, Brill, and St. Louis trucks. Open cars (builder unknown, truck unknown) built for New Orleans Traction Co.'s Hart Franchise Lines. Cars arrived in New Orleans in 1893, but could not be used until 1894.
- 1894: Seven and eight-window, open platforms; built by Brill, with maximum traction 22-E "Eureka" trucks, later changed to single truck (Brill 21-E or Lord Baltimore) for New Orleans Traction Co.
- 1895: Six-window, open platforms; built by Pullman with McGuire 19-F truck for St. Charles St. RR. Co. Six-window Brills with Lord Baltimore truck, open platforms for Orleans RR. Co. Moni-

tor deck roof cars, builder unknown, for Annunciation Line (see photo, page 114).

- 1896-1901: Seven-window, FB&D, open platforms; built by American and St. Louis Car Co.'s. All had the Lord Baltimore truck except 30, built 1899-1900 by St. Louis Car Co., which had McGuire "Columbia" truck. The FB&D type cars were first built for Canal & Claiborne RR. Co. Later, this type of car was ordered by St. C. St. RR. Co., O. RR. Co., N. O. & C. RR. Co. and N. O. Ry. & L. Co.
- 1898: Two orders, eight-window, open platforms; Jackson & Sharp products, Lord Baltimore truck for New Orleans City & Lake RR. Co.
- 1899: Eight-window, open platforms; built by American, originally with 22-E M.T. trucks, later replaced by 21-E truck, for New Orleans City RR. Co. (second corporation).
- 1900: Seven-window, open platforms, similar to FB&D types, St. Louis 8 truck, built by St. Louis Car Co. for St. Charles St. RR. Co. (Nos. 41-50).
- 1908: Seven-window, FB&D type, vestibuled, built by McGuire-Cummings, Lord Baltimore truck for New Orleans Ry. & Lt. Co.
- 1910: Eight-window, vestibuled; built by St. Louis Car Co., Lord Baltimore truck (known as "Prytania" cars) for New Orleans Ry. & Lt. Co.
- 1924: Eight-window, vestibuled, experimental car No. 288, Brill 79-E-1 truck; built in New Orleans by N.O.P.S.I.

Bldg #2, 1887 carbarn. note wood trusses Bldg #4, 1861 carbarn. note iron tie rods Junction of 1887 and 1861 carbarns



Courtesy N.O.P.S.I. Some semi-opens such as these were operated by Crescent City RR. Co. in 1890s. Builder unknown though appears to be St. Louis Car Co. McGuire 19 truck. Co-author Charlton remembers these cars running on Magazine and Coliseum Lines. This photo about 1900. No. 187, an 1894 Brill on St. Louis 8 truck, used as service car, hence the screening.

ORIGINAL ELECTRIC CARS

New Orleans' first electric cars (overhead trolley system, actual revenue service) were St. Louis Car Co. models entering service February 1, 1893 on the New Orleans & Carrollton RR. Co.'s St. Charles Line. This class had 18' 6" bodies (overall length: 24' 8") mounted on the McGuire 19-F truck of 7' wheelbase. Each car had one motor of the General Electric W. P. (weather proof) type. Controls were the Thomson-Houston rheostat main circuit, or "drum", control. There was no controller box, such as the K-10, on the car platform. The "controller" consisted of a shaft with a handle on top and a sprocket wheel at the base. The sprocket engaged a chain connected to the drum control under the car body. These first cars cost \$2,949.20 each. There were fifty cars in the first order (forty-nine cars were monitor deck roof models. One car, No. 50, was a Railroad Roof type, later became the private car, "Atalanta"-see: Private Cars pages 120-21).

Nearly all of these 1893 monitor deck roof models were scrapped or "salvaged", but four were sold to the

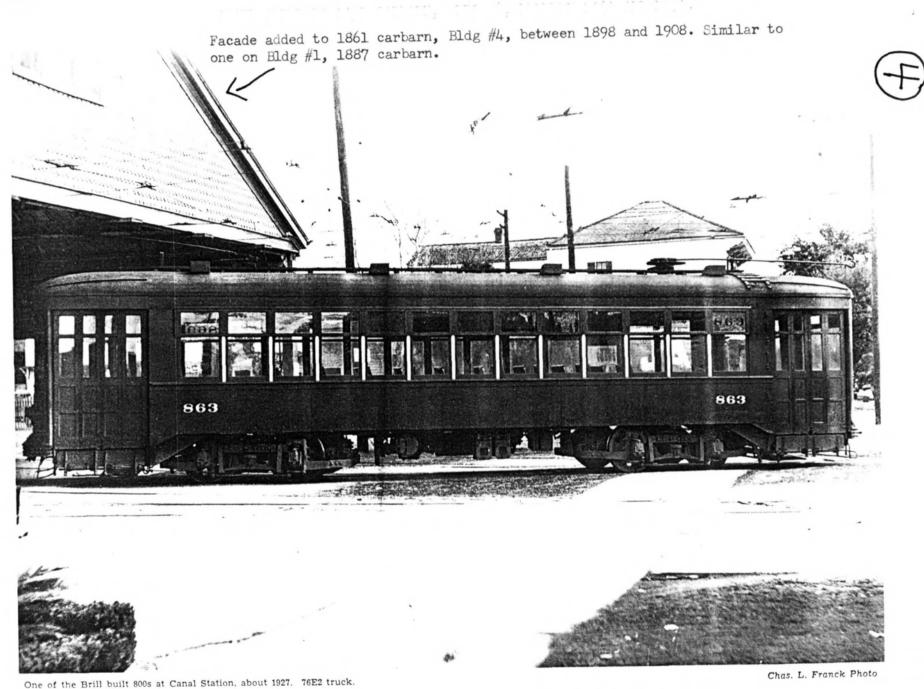
Home Electric Co. (Baton Rouge, La.—see: Vol. I, pages 33 and 36), two were sold to the Brockton & Plymouth St. Ry. Co. (Mass.), and possibly four sold to a company in Biloxi, Miss. One was left in 1918 on N. O. Ry. & L. Co., rosters.

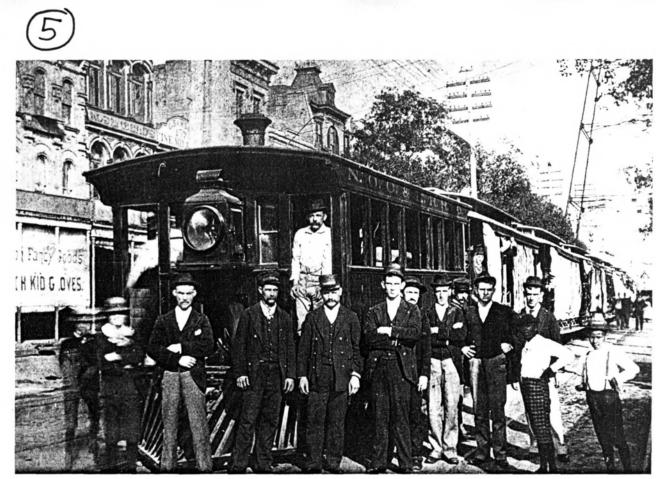
MOTORED OPEN CARS

Unfortunately, unsuitable photos and non-existant records fail to establish exactly who built the forty open motored cars the Crescent City RR. Co. (N. O. Traction Co.) had in 1896. The cars were delivered in 1893 and saw service on the Peters Avenue Line in 1894. The Magazine Line started electric service with open cars in 1895. However, New Orleans' sudden rains made this type of equipment impractical—and unpopular. By 1899, the motored open cars were gone save one or two used for training motormen.

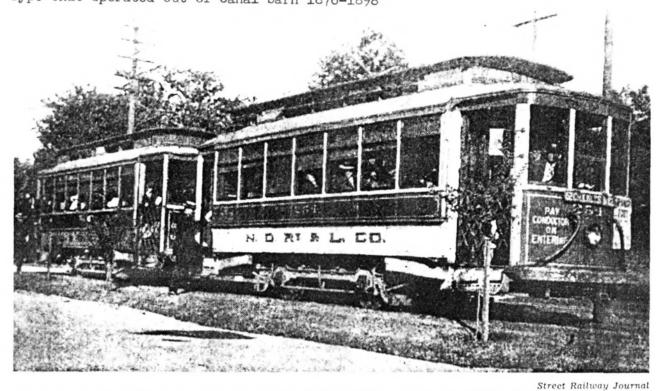
THE "1894" BRILLS

Between December 11, 1893 and January 21, 1895, the New Orleans Traction Co. ordered 226 motored cars from Brill in six separate orders. These cars were



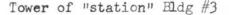


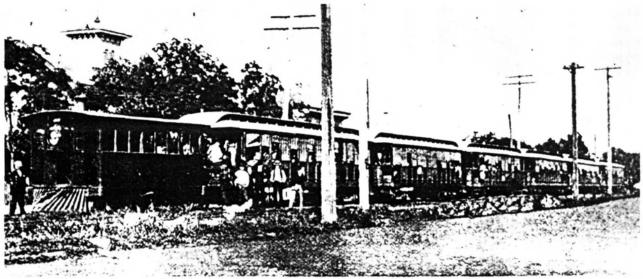
Courtesy Mrs. Edward J. Morris, Jr. West End Dummy train at Canal and Carondelet. about 1894. Note Brill single truck open trailers with canvas shades. Type that operated out of Canal barn 1876-1898



Two unit operation in 1912 on St. Charles Belt Line with FB&Ds. First car a motored McGuire-Cummings, Lord Baltimore truck, built 1908. Second car, non-motored but with air brake equipment.

1





E. Harper Charlton Collection, C. W. Witbeck copy

Typical West End steam dummy operation opposite Canal Station, about 1895. Trailers built by American Car Co. in 1894.

STEAM LOCOMOTIVES

Steam locomotives of many builders have seen street railway and suburban railroad service in New Orleans, 1832 to the 1950s. Street railways that used such motive power were the following: New Orleans & Carrollton RR. Co., Crescent City RR. Co., New Orleans City & Lake RR Co. (originally New Orleans City RR. Co.). Rosters are available for all but the Crescent City RR. Co. Steam railroad suburban service was provided by the Pontchartrain RR. Co., New Orleans Spanish Fort & Lake RR. (originally Canal Street City Park & Lake RR. Co.), Jefferson & Lake Pontchartrain Ry. Co., the New Orleans Terminal Co. (originally the New Orleans & Western RR. Co., late the New Orleans Belt & Terminal Co.) and several trunk lines entering New Orleans (see: Routes, chapter 3). Rosters exist for all these except the Jefferson & Lake Pontchartrain Ry. Co. However, since the J. & L.P. Ry. was owned by the New Orleans & Carrollton from the start, it is probable the road was served by N. O. & C. RR. engines. Rosters appear below, street railways first.

The photograph of N. O. & C. RR. steam engines on page 16 taken from reverse side of photo owned by Mr. Roger N. Conger and obtained by Mr. Avery Von Blon.

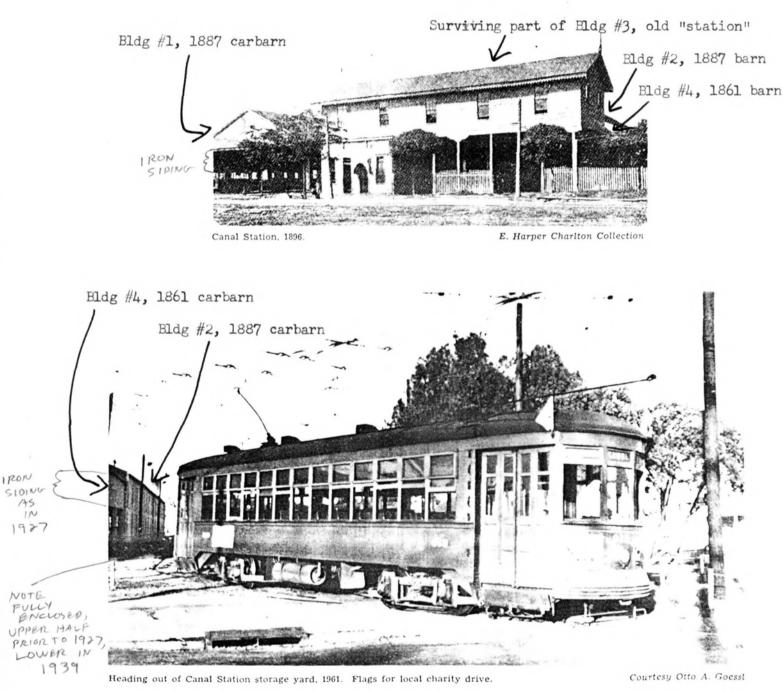
"Description of Dummies"

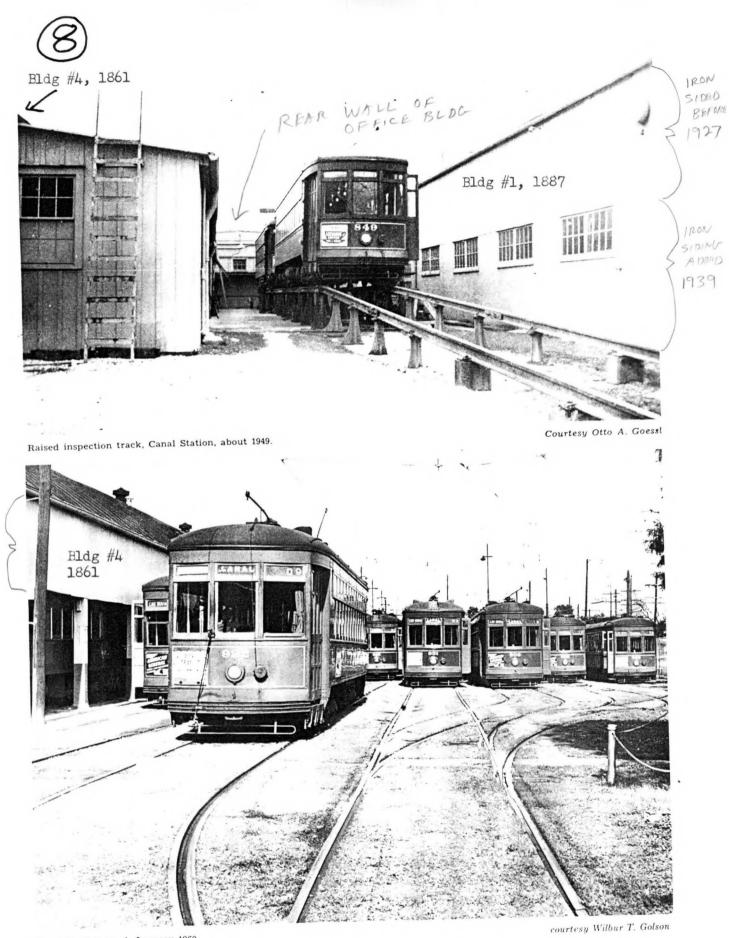
	Perpendicular	Horizontal
Weight, when ready		
for use	8,000 lbs.	8,000 lbs.
Track gauge of wheels	4'81/2"	4'81/2"
Wheel base	5'	5'7"
Length of boiler	6'8"	8'6"
Diameter of boiler	36"	32"
Fire Box size		
(Dahmers Pat. Wate	r	
Grate Bars)	20 by 30	20 by 30
Number of tube flues	32	32
Size of tube flues1	3⁄4" by 3' by 6"	13⁄4" by 5' by 8"
Size of steam dome	18" by 24"	20" by 30"
Size of cylinders	41/2 by 8	41/2 by 10
Size of drivers	30"	30"
Size of forward wheels	none	22"
Height of dummy from rail to top of		
smoke stack	10'4"	10'4"
Capacity of water trank	72 gals.	70 gals.

CLAIBORNE: Urquhart and Almonaster (now Franklin Avenue)—no plan available. This barn was built in 1870 by Canal & Claiborne Sts. RR. Co., last used in 1915, with cars going to Poland Barn. The Claiborne (North) cars were serviced here and light repairs performed. Major work was done at Carrollton after 1899. Gauge was 4' 8½".

EIGITTH STREET: Carondelet and 8th Streets—no plan available, only a sketch from Charlton's memory. Established about 1866 by St. Charles St. RR. Co., last used about 1908, Marigny took over for all three lines of the St. C. St. RR. Co. at that time. During its last few years, 8th Street housed upper end of Carondelet Line and all the Dryades Line. Gauge was 5' $2\frac{1}{2}$ '."

ESPLANADE: Esplanade Avenue near Bayou St. John —no plan available. This barn is one of four established by New Orleans City RR. Co. in 1861 (Canal, Esplanade, Magazine, and Poland). Used for passenger cars until about 1902. Coincident with establishment of Belts, cars were sent to Canal Barn and this barn used





209

Canal Station yard, January 1960.

IRON SIDED

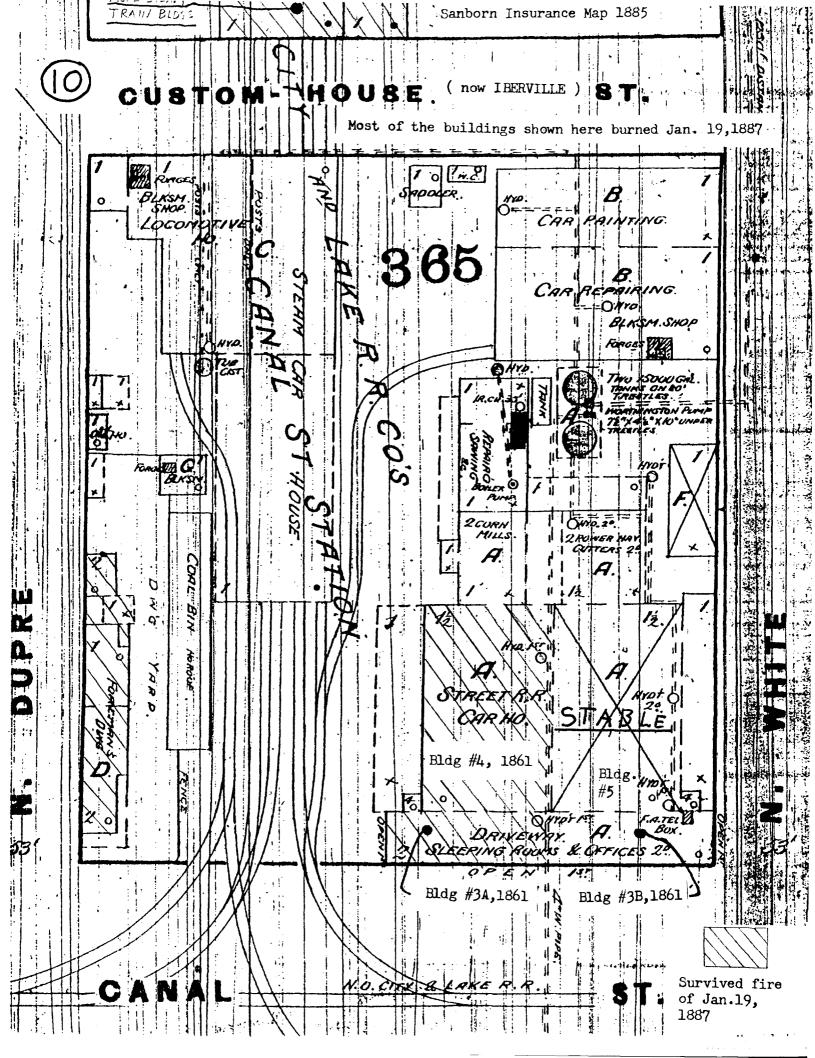
PRIOR 1927



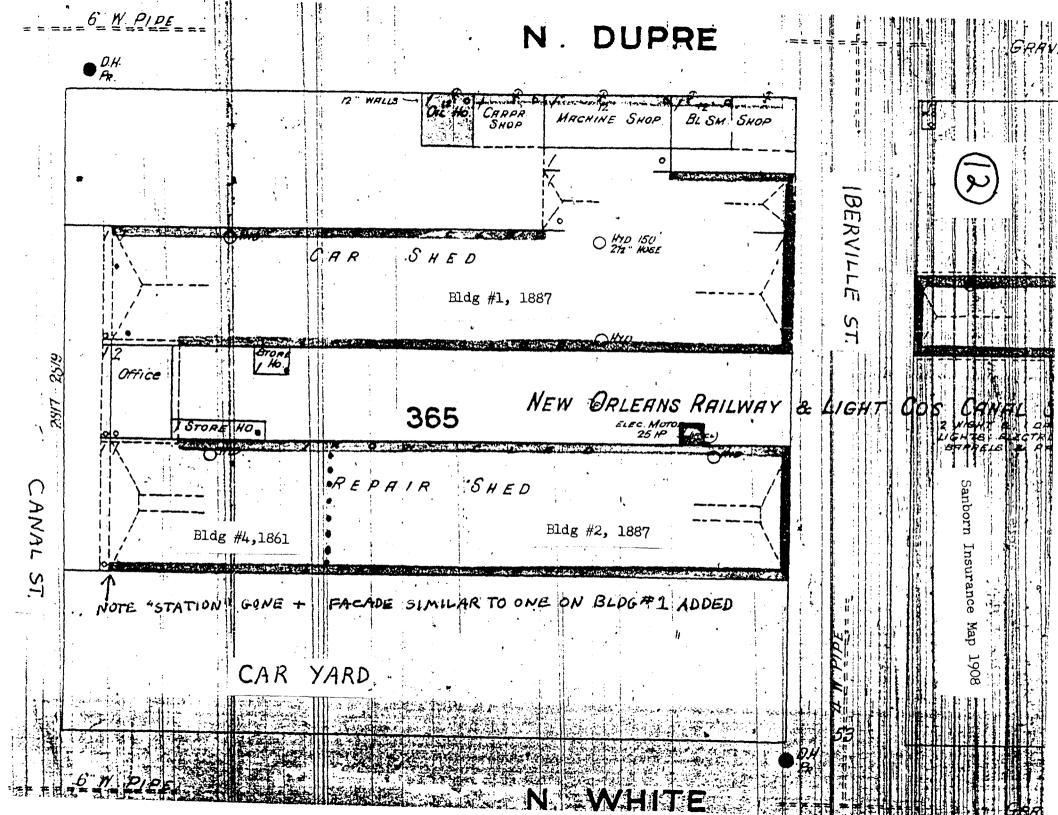
Actually after hurricane of Sept 29, 1915. This is how Canal would have looked if rebuilt in 1930

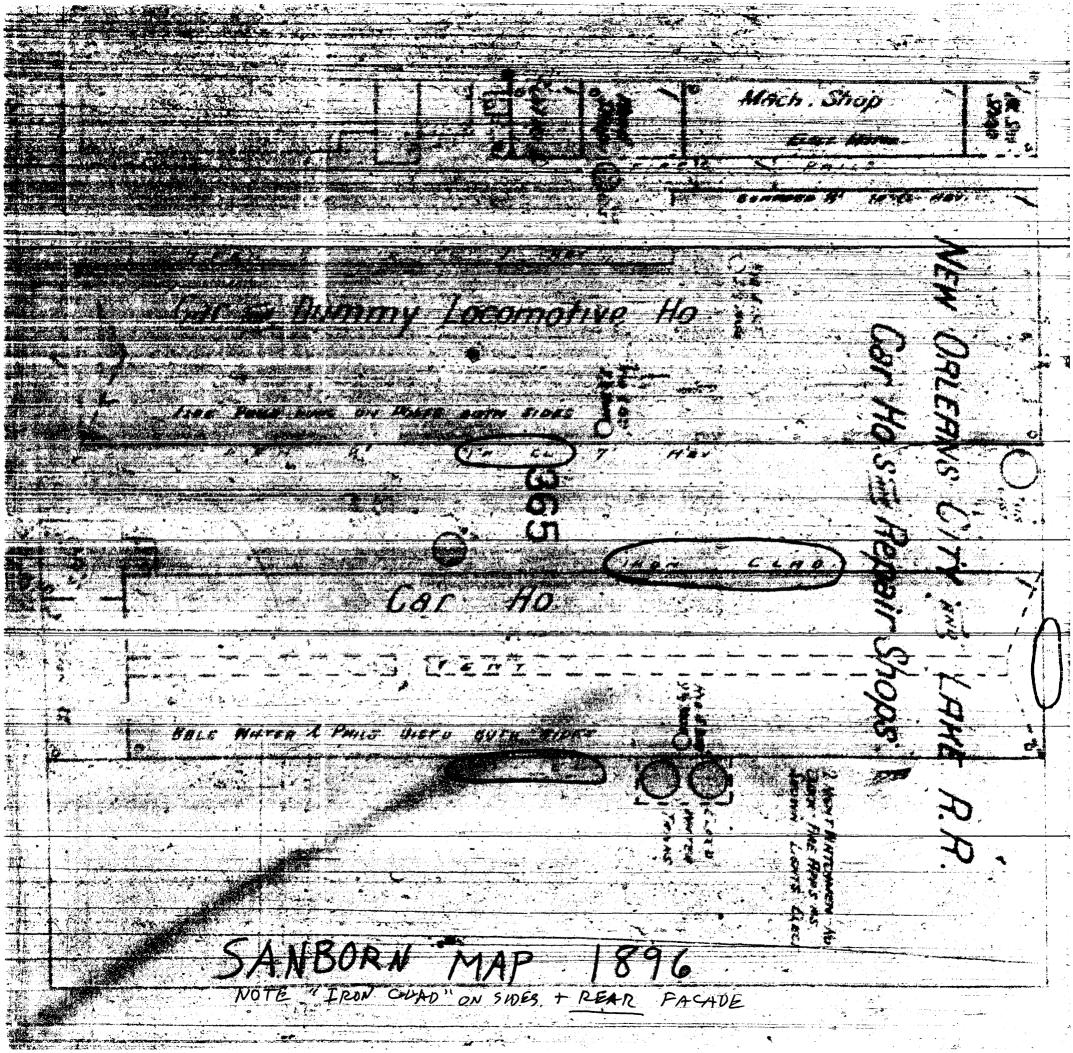


Built circa 1875

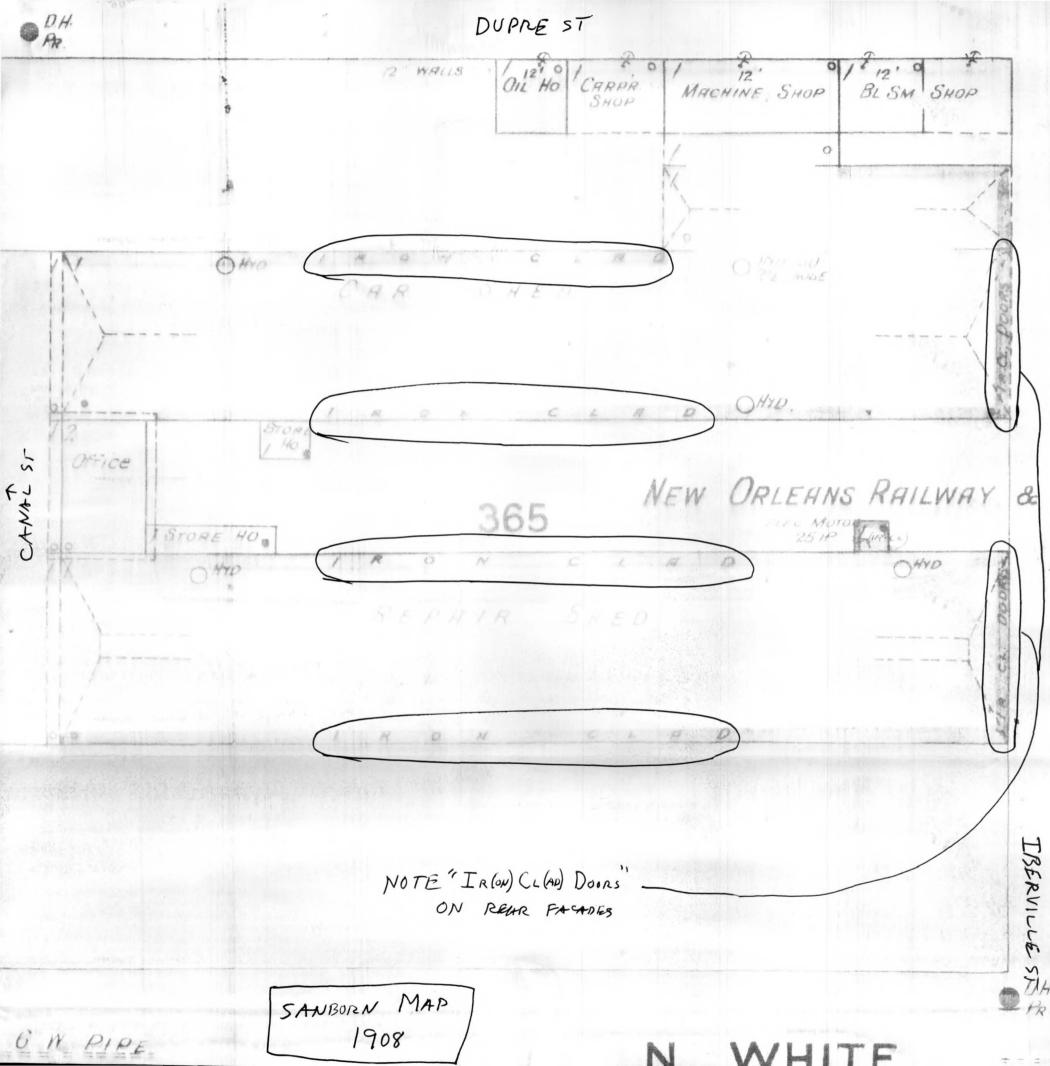


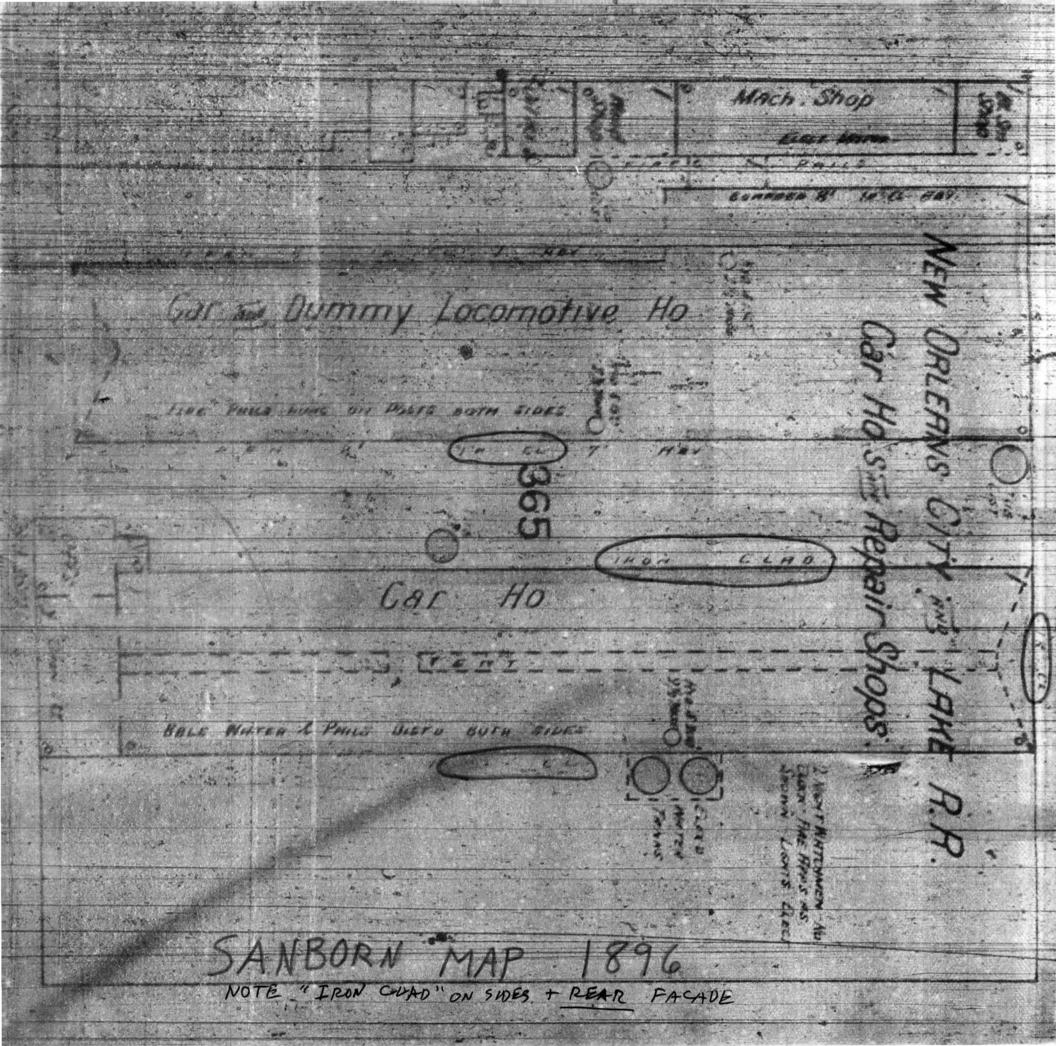
DUPRE ST Mach . Shop BOMMESD B 10.0 Car to Dummy Locomotive Ho Bldg #1, 1887 G ER tion PAILE HUNG Gen PULL: AUTH 6 . 3 0 Ż 1400 Bldg CLHD anborr Ho Gar #3A L' KEAZ 1861 $\mathbf{\Sigma}$ Bldg #2, 1887 Bldg #4, 1861 BOLG MATER & PALLS TU-BUIN SIULS JUNCTION ' YARD CAR WHITE ST.

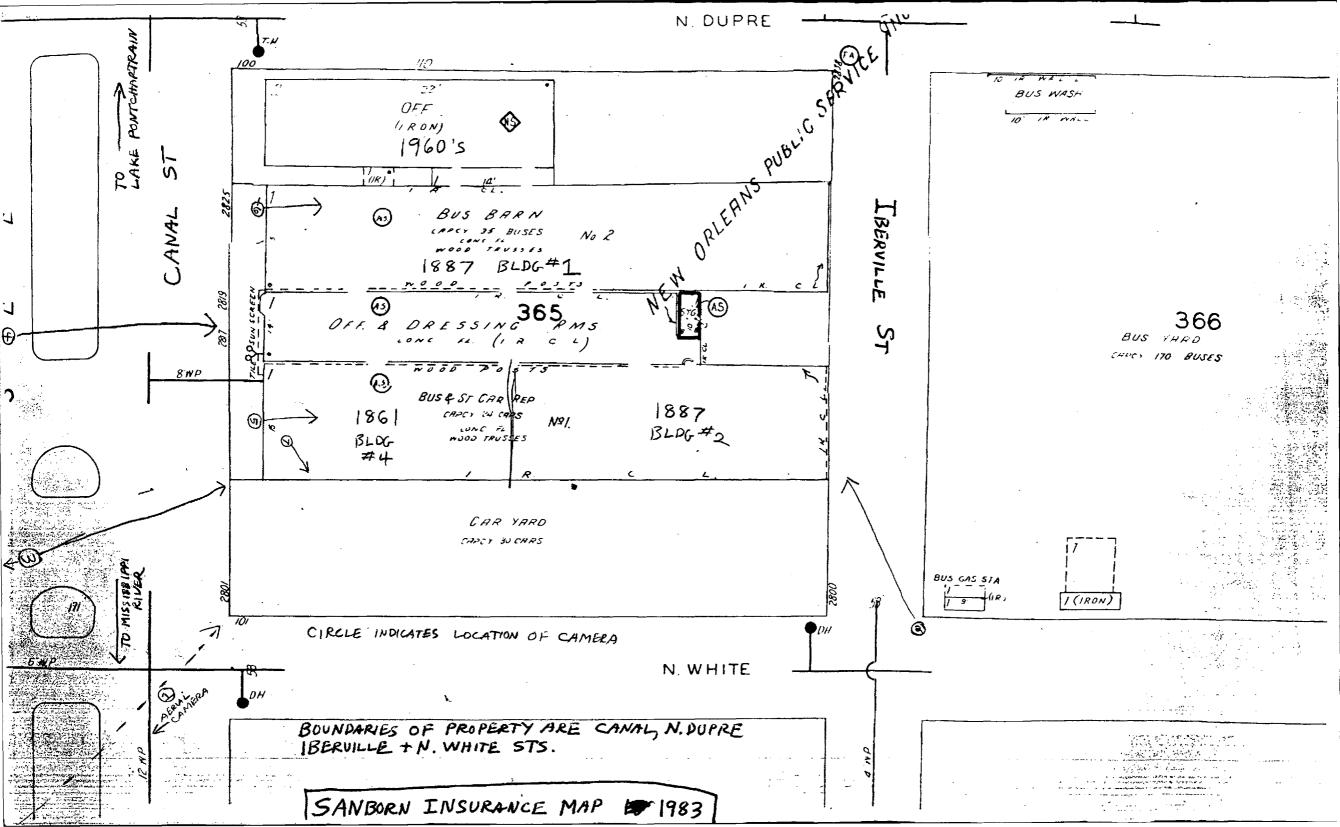




Dh Pr 6 W. PIPE N. DUPRE D.H. Pr. BZE. A 12" WALLS hise toward and a more OF HO CARPR. SHOP MACHINE SHOP BL SM SHOP O HYD 150' SHED GAR BERVIL Alto ĥ BTORE 1 HO Office NEW ORLEANS RAILWAY æ 365 ELEC MOTOR STORE HQ. SHED REPAIR NOTE SHADING INDICATING "IRON CLAD' COVERS MOST OF SIDES + REAR PACADE SANBORN MAP WHITE SE 1908









CANAL STATION NEW ORLEANS, LA PROBABLY CHARLES PRANCK 1927 HISTURIC NEW ORLEANS COLLECTION AERIAL VIEW LOOKING FROM SOUTH WEST 1

AERIAL VIEW OF CANAL STATION 1927 (SEE ENCLOSED PHOTOCUPY



STATION NEW OPLEANS. 19 EDWIN D. WEBER JR las. NEW ORLEANS FASCADE REAR 6



CANAL STATION NEW ORLEANS, LA EDWIN D. WEBER, JR WHITE ST SIDE OF BLOGS # 4+2 NOTE "IFALSE FRONT NEW ORLEANS, LA



CANAL STATION NEW ORLEANS, LA EDWIN D. WEBER, JR 1991 NEW ORLEANS, LA FRONT FACADE





CANAL STATION NEW ORLEANS, LA EDWIN D. WEBER, JR 1991 CARBARN (BLDG#4) SHOWING NEW ORLEANS INTERIOR OF 1861 DETAILS OF ROOF

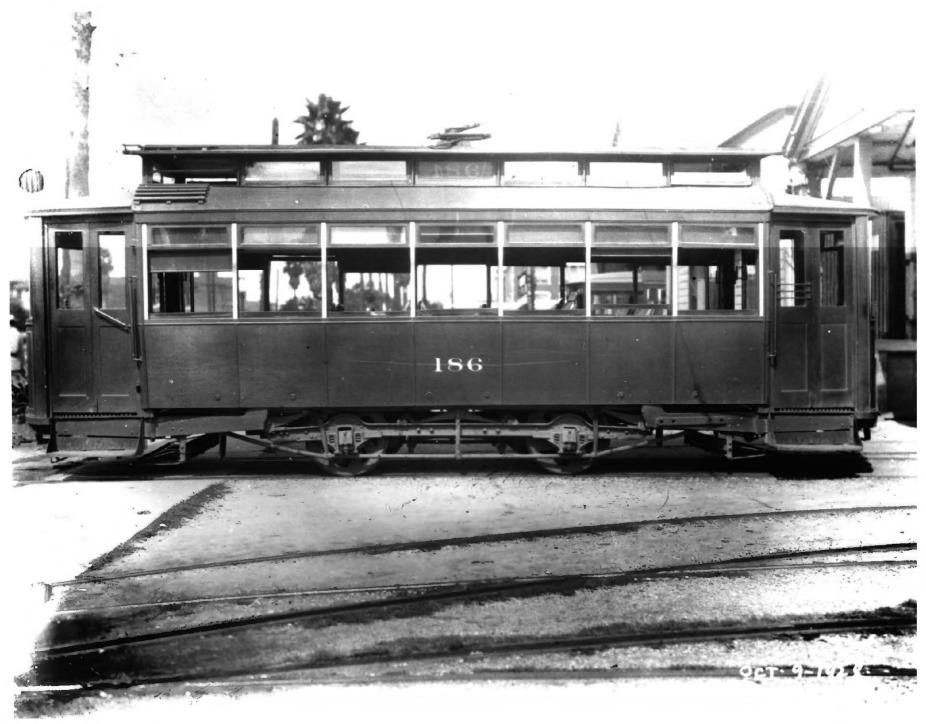
A



ANAL STATION NEW ORLEANS, LA EDWIN D. WEBER, JR INTERIOR OF 1887 CARBARN (BLDG#1) SHOWNG WALL 1991 r10111 NEW ORLEANS NEAREST TO N. DUPRE ST



CANAL STATION NEW ORLEANS, LA EDWIN D. WEBER JR 1991 NEW OPLEANS, LA INTERIOR DETAIL OF 1861 CARBARN SHOWING WHERE WROUGHT IRON "PRINCIPLE" OR TRUSS IS ATTACHED TO CAST IRON SHOE FASCEND TO WOOD PRAME, SECTION TO THE RIGHT IS PAPET OF POOF OF "FALSE FRONT" SECTION ADDED 1898-1908



CANAL STATION NEW ORLEANS, LA PROBABLY CHARLES FRANCK OCT 9, 1928 NEW ORLEANS, LA CANAL ST FRONT OF CARBARNS LOOKING FROM WHITE ST



State of Conisiana

OFFICE OF THE LIEUTENANT GOVERNOR DEPARTMENT OF CULTURE, RECREATION & TOURISM OFFICE OF CULTURAL DEVELOPMENT DIVISION OF HISTORIC PRESERVATION PAM BREAUX ASSISTANT SECRETARY

February 9, 2015

James Gabbert National Register of Historic Places 1201 "Eye" Street NW Washington, D.C., 20005

JAY DARDENNE

LIEUTENANT GOVERNOR

RE: Delisting of Canal Station, Orleans Parish, LA

Dear Mr. Gabbert:

The purpose of this letter is to notify you of our intent to delist the above property from the National Register of Historic Places. Originally listed on the Register on 2/4/1993, the above property was demolished sometime later that year as current satellite images of the listed site show new construction. Per 36 CFR 60, Sec. 60.15 (a)(1), we are requesting that the above property be officially delisted based on the fact that the property has ceased to meet the criteria for listing in the National Register because the qualities which caused it to be originally listed have been destroyed. To support this claim, we have included in this submission the original boundary map showing its location and current maps and satellite images showing the new construction. We have also included a continuation sheet with further information on the resource.

We have notified the property owner and the chief elected official and have included copies of those letters with this submission. We received no comment from either.

If you have any questions concerning our request, please contact our National Register Coordinator, Jessica Richardson via email at <u>jrichardson@crt.la.gov</u> or by phone at 225-219-4595.

Sincerely,

Pam Breaux State Historic Preservation Officer

PD:JR/jgr Enclosure



State of Conisiana

OFFICE OF THE LIEUTENANT GOVERNOR DEPARTMENT OF CULTURE, RECREATION & TOURISM OFFICE OF CULTURAL DEVELOPMENT DIVISION OF HISTORIC PRESERVATION PAM BREAUX ASSISTANT SECRETARY

January 7, 2015

The Honorable Mitchell J. Landrieu 1300 Perdido St, Rm 2E04 New Orleans, LA 70112-2125

RE: Delisting of Canal Station, Orleans Parish, LA

Dear Mayor Landrieu:

JAY DARDENNE

LIEUTENANT GOVERNOR

The purpose of this letter is to notify you of our intent to petition for the removal of the above referenced property from the National Register of Historic Places, a process known as delisting. This step is important as we strive to maintain an accurate record of properties in our state that are listed in the Register, still extant, and maintain integrity per National Register Criteria.

According to the Federal National Register regulations [36 CFR 6-.15 (a)(1)], a property may be delisted if it has ceased to meet the criteria for listing on the National Register because the qualities which caused it to be originally listed have been lost or destroyed. Canal Station was listed on 2/4/1993, and per satellite map images of the property's address, we have come to learn that the building is no longer there. The final delisting decision will be made by the Keeper of the National Register at the National Park Service.

The regulations [36 CFR 60.15 (g)] also require that the property's owner and the chief elected official be given an opportunity to comment on the proposed action. If you choose to comment, please respond via letter by February 9, 2015 to the following address:

Pam Breaux State Historic Preservation Officer Louisiana Division of Historic Preservation PO Box 44247 Baton Rouge, LA 70804

If you have questions concerning the delisting petition or any other National Register issue, please contact National Register Coordinator, Jessica Richardson, by email at <u>irichardson@crt.la.gov</u>, or by phone at 225-219-4595.

Sincerely

Pam Breaux State Historic Preservation Officer



State of Conisiana

JAY DARDENNE LIEUTENANT GOVERNOR

OFFICE OF THE LIEUTENANT GOVERNOR DEPARTMENT OF CULTURE, RECREATION & TOURISM OFFICE OF CULTURAL DEVELOPMENT DIVISION OF HISTORIC PRESERVATION PAM BREAUX Assistant Secretary

January 7, 2015

Regional Transit Authority 2817 Canal St New Orleans, LA 70119

RE: Delisting of Canal Station, Orleans Parish, LA

To Whom it May Concern:

The purpose of this letter is to notify you of our intent to petition for the removal of the above referenced property from the National Register of Historic Places, a process known as delisting. This step is important as we strive to maintain an accurate record of properties in our state that are listed in the Register, still extant, and maintain integrity per National Register Criteria.

Our research shows you to be the owner of the land where Canal Station stood, which was listed on the National Register on 2/4/1993. According to the Federal National Register regulations [36 CFR 6-.15 (a)(1)], a property may be delisted if it has ceased to meet the criteria for listing on the National Register because the qualities which caused it to be originally listed have been lost or destroyed. Per satellite map images of the property's address, we have come to learn that the building is no longer there and has been replaced with a new building. The final delisting decision will be made by the Keeper of the National Register at the National Park Service.

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