

Statewide Survey of Historic Properties

State Historic Preservation Office
South Carolina Department of Archives and History
8301 Parklane Road
Columbia, SC 29223-4905 (803) 896-6100

Site No. 0459 Status U Revisit

Quadrangle Name: Yemassee

Tax Map No.

SURVEY FORM

Identification

Historic Name: Yemassee Railroad Bridge

Common Name: Yemassee Railroad Bridge

Address/Location: MP A 448.6, CSX railroad crossing over Tulifiny Creek (lat/long 32.590761, -80.928083)

City: Yemassee ✓ Vicinity of County: Jasper

Ownership: Private Category: Structure Other:

Historical Use: Transportation Railroad

Current Use: Transportation Railroad

SHPO National Register Determination of Eligibility: Not Eligible

Property Description

Construction Date: c. 1915; c.1942,1968 Construction: Frame Other:

Historic Core Shape: Other Exterior Walls: Other

Other: Foundation: Other Wood piles

Commercial Form: Roof Shape:

Other: Roof Material:

Stories: Porch Shape:

Other: Porch Width:

Description/Significant Features:

The 21-span timber bridge is supported by a combination of original, 12"-diameter round wood piles and square-cut replacement timbers, all 10' in height. 12 wood posts support the width of the double-track structure between spans, capped by historic square wood beams, interspersed with replacement concrete beams on the west (in-use) side. Diagonal wood plank braces are bolted to the piles and cross beams. Wood girders are a combination of original (east side) and replacement (west). Wingwalls are horizontally stacked square wood beams, bolted together and bracketed by round wood posts. The west track is topped with stone ballast, wood ties, and steel rails.

Alterations (include date(s), if known):

The west track was rehabilitated and partially rebuilt with replacement wood piles, girders, and concrete caps in 1968.

Architect(s)/Builder(s):

Unknown

Historical Information

Historical Information:

The timber bridge over Tulifiny Creek is aligned roughly north-south and consists of two tracks: one deteriorated and out of service (east track), and one track in current use (west track). Historic maps indicate that the two tracks originally supported a logging railroad spur off of the main, Atlantic Coast line. The spur linked the main line to a railroad northwest of a logging operation in Gilmania. Historic maps as well as the materials and structural design indicate that the out of service/east track may have been constructed as early as c. 1915. The in use, west track, was likely built as part of the same structure or added later for the spur, which was removed c. 1942. See Continuation Sht.

Source(s) of Information:

Historicaerials.com

Historic Railroad maps, Library of Congress (<https://www.loc.gov/collections/railroad-maps-1828-to-1900/?fa=subject%3Asouth+carolina>)

Digital Photo ID(s)

File Name:	View:	Other:
00459001.JPG	Facing South	(West Elevation)
00459002.JPG	Facing South	(East Elevation)
00459003.JPG	Facing North	(West Elevation)
00459004.JPG	Facing West	Round timber piles
00459005.JPG	Facing South	East Girders
00459006.JPG	Facing North	East wingwall
00459007.JPG	Facing North	In & out of Service tracks
00459008.JPG	Facing Southeast	Newer piles in foreground
00459009.JPG	Facing Southwest	Older piles
00459010.JPG	Facing South	In & out of Service tracks

Program Management

Recorded by:

Joshua Fletcher, Diana Garnett

Organization:

HDR

Date Recorded:

05/10/2018

Historical Information Continued

Considerable replacement of materials took place in 1968, the given construction date of the bridge by CSX. Based on the significant replacement of wood piles, girders, and concrete caps, it is unlikely that any original historic material remains.