STA DEPARTME

JAMES B. HUNT JR. Governor

P.O. BO

STATE PROJECT:

8.19102

COUNTY:

Cheroke

DESCRIPTION:

Bridge o

SUBJECT:

Geotech

Site Description

This new bridge is located where River near the community of Peac 700 meters due west of the intersec

This bridge is to be one of two bri west-bound traffic, respectively. both directions until the west-bour bridge is approximately 10.5 meter

Plans call for a bridge approximate of 26.5 meters each. Its height wil

The Hiwassee River floodplain at the river channel about 45 meters a meter to about 2.5 meters. Flo approximately 20 miles upstream. in response to TVA power demand

End Bent One, Interior Bent 1, cultivated field on the west bank fl cultivated floodplain known as Har the distal edge of the floodplain,

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APRO 9 1998				
ENT OF TRANSPORTATION EXCEPTION TO SERVICE		•	.83	
Secretary April 1998	. •			
203 (R-977A)				
on US 64 over Hiwassee River at Peachtree (Bridge 4)				
hnical Report - Bridge Foundation Investigation				
e proposed new US Highway 64 crosses the Hiwassee chtree, in Cherokee County. The site is approximately ction of existing US 64 and SR 1548.		,	<i>7</i> 4.5	
ridges planned for this river crossing, to carry east- and This bridge, on the east bound side, will carry traffic in nd bridge is built at a later time. The centerline of this rs right of the centerline of -L-Rev.				
ely 212.6 meters long and 12.5 meters wide, in 8 spans ll be about 20 meters above the river channel.				
this site is approximately 300 meters wide, including wide. Water depth in the channel varies from less than ow is controlled by the Chatuge Dam, a TVA facility There normally are rapid diurnal variations in the flow is at Chatuge dam.				
and the west-bound side of Interior Bent 2 lie in a loodplain. This field is the extreme end of a very large rshaw Bottom. End Bent One is about 10 meters from which is bordered by a steep, forested slope. The				
is condition by a steep, forested slope. The				
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