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yems må And North Carolina Gazad LIWRRNCE \& LEMA

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Votice to Bridge Builders


Proposal OXFORD EXAMINER



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 Cabisment of these enterprises.Without forther pretiminary besser
vation, therefore, we will proceed to
discription of the South Carolina Ruil discription of the South Carolina Roil
Rod, with a general detsii of the coss
and plan of construction- following
with a. aketech. of the most, porominent
Northern Roads, and after instituting draw our eanc lusions, in which we hosp
to be. unhiased bv ouy feelingo of pre adite or sectional partiality.
GENERAL DESRIPTION.
We will prefice our description

## $3=$

## 

 been adopted in preferenkepeosive system of embankments whe
prevais at the Nort. Besides ine in-
crease in the first cost, the expense of keeping the embankments in repair
owing to the inguries sustained from
settlings, washes, slides, derangment o
culverts, \&c.. is unguestionably grea
ter than that attending the occasiona renewal of decayed timbers. Casolina
The profile of the South
Ran Ruad, embracing, generally, rey Rait Rmad, embracing, generaily, a re-
markably uniform surface of country,
may be compared to that of a continu:-
ed bridge, sometimes resting on the
 in - fengthy and the raiss were-laid in
continued line complete, about the 1 1ot
of June, 26 moniths from the period
when the whole line was located and put under contract. A
the road, near Charleston, were made
and in use witt Hand Cars, about tw
years prio to this period.
The road crosses the Edisto river, a The road crosses the Edisto river, a
bout 400 gards below the Junction of
the North and Sinth Sout fork, 65 mile d depressions, the Sow Mill Creek, Cy
press Swamp, Four Hole River, Indian
Fields, Poke Swamp and Cattle Creek. The road continues its course on the
dividing ridge between the Elisto anol
the branchese of the Savanoh, passing
nine niles to the north of Barnwell aine miles to the nerth of Barnuvel
viltage, until it reaches the head of the
valley of Wises Creek, a branch of Big
Horse Creek. Horse Creek.
At this point, which is only 21 miles
south of E.ggefied Court House. the
ooad attains its highest attitude of 510 feet above the tevel at Charleston, an
360 feet above the Augusaa bridge, 1
miles distant. Cone hundred and eigh
ty feet of this desceut to the zalley ty fect of this
the Savannah, is conquered at this point
by an Inclited Plane, s800 feet toog
sing having 3 grades of asceat, the steepes
of which 1 is in 115 .
From the foot of Plane the re Prom the foot of the lane hinder of the desceot overcone in
10 niles, baving an average iaclination
of 18 feet in a mile. of 18 feet in a mile,
At Hamburg two spacious deposito
ries are in course of construction of of
briek, with zind roofs, on a commodi
ous tot of six acres, gratuitousty be -

 stream of 66 feet.
The road is asingle track escept a
the loclined Plane, where there is one
nite




