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**ENGINEERING INSPECTION REPORT
GOOSE ISLAND BRIDGE
Cherry Log, Georgia**

On September 30, 2017 the subject bridge was inspected for load capacity and general condition. Following are the safety points undertaken during the examination. It was also noted during the examination that the steel support underpinning was in need of maintenance. The maintenance detail will be addressed at the end of this report.

- Steel Girder inspected for undue scaling or pitting.
- Steel rib sections examined undue scaling or pitting.
- Steel Girder load capacity design evaluated.
- Steel Girder wear plates inspected for undue rusting and pitting.
- Concrete abutments examined for undue cracking.
- Concrete roadway examined for stress cracking and evaluated for load capacity.

SUMMARY

In summation of the examination and by request of the principle owners a live load capacity analysis was conducted. It is concluded that the subject bridge has a load capacity rating in compliance to the Federal Highway Administration authority for highways and bridges.

It was also noted that the steel superstructure is in need of refinishing. This should be considered soon, so as to prevent any further erosion of the steel beams and associated steel components.

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