

Field Inspection Report
Murphy Candler park Bridge
Date: Dec. 30, 2015

Attn: **Liz Cole**,
GreenbergFarrow
Phone: (678) 412-6021
Cc.: Gary Schussfer (Brook Heaven Park and Recreation)
Cc: Brian Borden (Brook Heaven Park and Recreation)

Total Pages: 1

Date of Inspection:	Dec. 18, 2015
Weather:	Clear sky, Temperature around 65 F.
Items of Inspection:	120' span pedestrian bridge

Dear Mrs. Cole,

Per your request I went to inspect the 120' span pedestrian bridge, and the following are my professional opinions:

- 1) The curved steel angle on one side of the bridge had been badly damaged; this damage will create an unstable structure due to the buckling failure of top chord (curved steel angle). Please do not open this bridge to public; it is very unsafe.

- 2) There is no sign of structural distress in both concrete abutments, and the soil around the abutments is relatively firm but with minor erosion. Since we do not know the actual size of the footings, I recommend that the new bridge be supported by a new system of concrete walls or beams with helical anchors. It is acceptable to keep the existing abutments; they will be used to support the bridge from lateral movement.



Sincerely,

Chay N. Duong, P.E., S.E.