



TRANSPORTATION CABINET

Department of Highways District 7 Office
763 West New Circle Rd., Building 2
Lexington, KY 40512
(859) 246-2355

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

July 1, 2015

The Honorable Jim Gray, Mayor
200 East Main Street
Lexington, KY 40507

Dear Mayor Gray:

Bridge inspections in Fayette County were completed in April of 2015. Enclosed are copies of our inspection reports for these structures, with recommended posting, closure, maintenance, and/or repairs, and an updated location map. Please note that the inspection reports have only been sent to Brad Frazier with LFUCG Engineering.

Critical Needs – these structures require immediate attention and/or indicate changes that have occurred since the previous report:

034C00006N Ferguson Road over Goose Creek

Scour with undermining is present at Abutment 1 causing the load rating of the structure to be reduced to 9 tons. Encasing the footing should allow for the load rating to be raised back to 18 tons.

034C00010N Grimes Mill Road over Boone Creek

Members of the truss need to be cleaned and repainted.

034C00021N Bosworth Lane over South Elkhorn Creek

Replace tensioning rods

034C00049N Devonport Drive over Wolf Run

Repair scour at the inlet and outlet end of the culvert and at the downstream right wingwall

034C00059N Enterprise Drive over Wolf Run

Repair one tensioning rod and grout the other

034C00064N Roanoke Road over Wolf Run

Repair erosion under NW wingwall and encase the outlet end of the culvert.



*034C00069N Masterson Station over Fork of Town Branch
Chain link fence is no longer attached to either headwall in several places. This should be corrected immediately.*

*034R00607N CSX Railroad over Old Paris Road
A 6'x2'x1' chunk of concrete at the top of the north abutment is loose and could possible fall into traffic in the near future. This should be knocked off immediately. Technically this is a railroad structure and therefore their responsibility. However, given the danger to the travelling public I believe the City will be able to take care of this problem quicker than the railroad.*

Signing Needs – these structures have improper (substandard) or missing signage:

*034C00047N Cooper Drive over Woodland Avenue (Underpass)
Minimum Vertical Clearance signs reading 13'-8" need to be installed at each approach to the underpass route (Woodland Avenue)*

*034C00010N Grimes Mill Road over Boone Creek
New posting after analysis performed on the rehabilitated structure. Posting signs will be provided to LFUCG for installation.*

Posting Status – these structures have weight limits below 40 tons:

Bridge ID Location	Posting Recommendation	Posting Status
<i>034C00001N Hume Road over David Fork of N. Elkhorn</i>	<i>15 ton</i>	<i>Posted Correctly</i>
<i>034C00005N Hughes Lane over Carpenters Branch</i>	<i>18 ton</i>	<i>Posted Correctly</i>
<i>034C00006N Ferguson Road over Goose Creek</i>	<i>9 ton</i>	<i>Posted Correctly</i>
<i>034C00009N McCalls Mill Road over Boggs Fork</i>	<i>15 ton</i>	<i>Posted Correctly</i>

July 1, 2015
Mayor Gray
Page 3

034C00010N Grimes Mill Road over Boone Creek	36 ton	Needs Posting
034C00038N Malibu Drive over Branch of Hickman Creek	3 ton	Posted Correctly
034C00045N Beacon Hill Road over Wolf Run	15 ton	Posted Correctly

Before crossing any of these structures, the driver of any vehicle is responsible for knowing the vehicle's gross weight. This includes school buses, which have become larger and heavier. It is the responsibility of both the bus driver and the district school transportation director to ensure the bus's gross weight does not exceed the weight limit of these structures.

In order for your county to be eligible for Federal Bridge Replacement and Rehabilitation Funds for the coming year, the structures listed as recommended posted must be signed for the weight limits shown. Those listed as recommended closed must be physically barricaded. All signs and barricades must conform to the Manual on Uniform Traffic Control Devices.

Upon receipt of this letter your county has **30 days** to post or barricade the required structures and return a signed copy of the attached Compliance Form to this office. Counties that are found to be out of compliance will be made ineligible for Federal funding. If you have any questions, please contact the District Bridge Engineer, Daniel Kucela, P.E., at 859-246-2355.

Sincerely,



Kelly A. Baker, P. E.
Chief District Engineer

Enclosures

cc: Brad Frazier, P.E., LFUCG Division of Engineering
Marlene Helm, Fayette County Superintendent
Ed Quillian, RJ Corman