

**FRANKLIN COUNTY
COMMISSION AGENDA ITEM**

TO: BOARD OF FRANKLIN COUNTY COMMISSIONERS	Reviewed:
FROM: JAMES M. HAAG, JR.	Ext. 3552
DEPARTMENT: PUBLIC WORKS	
DATE: 7/13/09	No.

ITEM: Discuss the progress on the 2007 Bridge Inspection Structural Repairs and Recommendations

Background: The Franklin County Commissioners contracted for bridge inspections which were performed in 2007. A portion of the report was Part II: Structural Repairs and Recommendations. The discussion will focus on the work which has been accomplished and remaining items of work.

Recommended Action: Discuss the progress on the 2007 Bridge Inspection Structural Repairs and Recommendations

Attachments: Part II

Part II – Structural Repairs and Recommendations

A summary of our recommendations for repair and maintenance of individual bridges is listed below. It should be noted these repairs might be necessary to reduce future expenditures for maintenance.

A. Recommendations for Off-System Bridges:

<u>Bridge Number</u>	<u>Recommendations</u>
2-10.5	Remove drift
2.1-19.1	Remove large tree caught on south pier
2.5-20	Repair erosion into roadway
2.6-6	Repair erosion, cap with rip rap
3-5.1	Remove gravel from edge of deck. Clean out brush and drift from under bridge
4-4.6	Remove gravel from edge of deck
5.1-23.5	Repair undermining of south abutment
5.3-2	Remove drift
5.5-11	Remove gravel from edge of deck. Remove brush under bridge.
6.0-13.9	Repair damaged railing
6.2-7.3	Repair erosion.
6.2-12	Repair scour
6.7-0	Repair erosion at wings
7.9-0	Repair erosion of south berm
7.9-9	Remove gravel from the edge of deck, remove drift
8-15.1	Repair berms
8.4-8	Remove drift
9-23.1	Remove gravel from edge of deck.
9.8-8	Remove gravel from edge of deck.
9.8-12	Clean out silt
10-7.6	Repair erosion
10.9-21.1	Remove drift
11-4.6	Remove gravel from edge of deck
11-12.8	Remove gravel from edge of deck.
12-9.6	Remove gravel from edge of deck.
12-9.8	Remove gravel from edge of deck
12.8-1.5	Remove drift
13-13.2	Remove drift

Part II – Structural Repairs and Recommendations

<u>Bridge Number</u>	<u>Recommendations</u>
13.5-1.6	Remove drift on south pier
14-9.9	Remove gravel from edge of deck.
14-10.6	Remove trash in channel
14-22.9	Repair berm erosion
14.3-23	Remove drift in channel
14.4-5	Remove gravel from edge of deck.
15.9-4	Remove gravel from edge of deck.
16.4-17	Remove gravel from edge of deck
16.5-9.5	Repair erosion
16.5-16.7	Remove gravel from edge of deck
16.5-16.9	Remove gravel from edge of deck
17-18.5	Remove gravel from edge of deck
17.6-20	Repair spalls in abutments under beams
17.7-21.0	Repair erosion to south berm
18-17.1	Repair erosion, remove drift
18.3-6.3	Remove gravel from edge of deck and remove brush from under bridge
18.5-6.3	Repair berm
19-19.7	Repair undermining
19.1-20	Remove drift
20-4.9	Remove gravel from edges of deck
20-9.5	Remove gravel from edges of deck
20-22.7	Clear brush from north side of bridge
20.5-8.0	Remove gravel from edges of deck
20.5-8.7	Remove gravel from edges of deck
21-3.8	Remove gravel from edges of deck
21-9.1	Repair erosion. Remove gravel from edges of deck
21.1-7	Remove gravel from edge of deck. Clean out brush from channel
22.1-12	Clean out channel
21.2-0.7	Repair masonry abutments at SW and SE
21.5-19	Clear vegetation and remove trash from channel
22-3.6	Remove gravel from edges of deck
22-18.7	Clear trees growing in channel at ends of box
22.2-15.5	Remove gravel from edge of deck
22.5-22.1	Remove drift to north
23-2.1	Remove gravel from edges of deck
23-16.2	Remove gravel from edges of deck
23-16.9	Remove silt

Part II – Structural Repairs and Recommendations

<u>Bridge Number</u>	<u>Recommendations</u>
23-21.6	Remove silt and drift
23-23.2	Repair erosion, remove drift and trash
23-23.7	Remove drift
23.3-8	Repair erosion. Remove gravel from edges of deck
23.3-12	Remove gravel from edges of deck
23.5-11.0	Repair scour and remove drift
23.6-21	Clear opening
23.9-6.7	Remove gravel from edges of deck, seal gap in deck
24-7.9	Remove gravel from edges of deck and clear brush from the edge of the bridge
24-8.8	Remove gravel from edges of deck
24-12.8	Remove gravel from edges of deck
24-14.6	Repair erosion
24-22.5	Clean out silt and reshape channel
24-23.3	Remove gravel from edges of deck and clear brush from the edge of the bridge

Part II – Structural Repairs and Recommendations

B. Recommendations for R.S Bridges

<u>B.S.N.</u>	<u>Recommendations</u>
10	Repair erosion to west
20	Remove drift
30	Clean out channel
50	Repair erosion
80	Remove drift
150	Remove gravel from edges of deck
210	Repair small pothole in north lane
240	Remove gravel from edges of deck. Remove trash
250	Remove gravel from edges of deck
300	Repair substructure
330	Remove drift
350	Repair erosion
360	Remove drift
380	Remove gravel from edges of deck
400	Remove drift
420	Remove drift
430	Repair erosion
460	Clean silt from boxes
480	Clean channel
510	Remove drift
540	Clear channel
560	Repair scour
610	Repair berms, undermining, and erosion at road corners
650	Clean out channel
660	Clean silt from channel
690	Remove gravel and brush from edges of deck
770	Repair scour