July 15, 2011

To: Users of the Standard Bridge Drawings

From: Tim Keller, Administrator, Office of Structural Engineering

By: Sean Meddles, Bridge Standards Engineer

Re: New Standard Bridge Drawing

A new Standard Bridge Drawing, Deep Bea m Bridge Retrofit Raili ng (DBR-3-11), is now available. This drawing provides a retrofit upgr ade for existing Deep Beam Bridge Guardrail (DBR-2-73) to NCHRP Report 350 TL-3 acceptance crite ria. This drawing is the culmination of ODOT sponsored research to improve the crashworthiness of the Deep Beam Bridge Guardrail system. A copy of the final research report is available at:

 $\frac{http://www.dot.state.oh.us/Divisions/Planning/SPR/Research/reportsandplans/Reports/2011/Structures/134394-FR.pdf$

This new drawing shall be referenced to all projects requiring upgrading of Deep Beam Bridge Guardrail (DBR-2-73) with Stage 1 design submissions after July 15, 2011.

