



# Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271  
www.dnr.illinois.gov

Bruce Rauner, Governor  
Wayne A. Rosenthal, Director

January 13, 2016

Philip Ruiz  
Lake County Division of Transportation  
600 West Winchester Road  
Libertyville, IL 60048

**RE: Grass Lake Road Culvert Replacement**  
**Project Number(s): 1604892**  
**County: Lake**

Dear Mr. Ruiz:

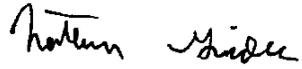
The Illinois Department of Natural Resources has reviewed the above-mentioned project involving Replacement of a culvert under Grass Lake Road. The culvert conveys an intermittent stream to Loon Lake, a designated Illinois Natural Area Inventory Site known to have suitable habitat for state-listed species. Pursuant to the Fish & Wildlife Coordination Act, the Department provides the following comments:

Records for multiple state-listed fishes and aquatic plants occur in Loon Lake as described in the attached EcoCAT report. These fishes may traverse the intermittent stream during high flows in the spring and following rain events in search of new habitat or spawning grounds. To avoid potential impacts, the Department recommends the following:

- Strict adherence to soil and erosion control BMP's to protect water quality in the stream and Loon Lake.
- No instream work during high-flow following rain events and during the period of April 1<sup>st</sup> through June 15<sup>th</sup>.
- The new culvert should be slightly recessed into the streambed and contain natural rock/gravel material to facilitate passage of fish and other aquatic life.

Please note that this review is separate and distinct from any other action or regulatory authority of the Department. This review does not satisfy consultation requirements under Title 17 *Illinois Administrative Code* Part 1075. Please notify the Department if these recommendations will be accommodated.

Thank you for the opportunity to comment. Please contact me if you have any questions regarding this review.

A handwritten signature in black ink that reads "Nathan Grider". The signature is written in a cursive style with a large initial 'N'.

Nathan Grider  
Impact Assessment Section  
217-785-5500

cc: Melyssa Navis, USACE

ATCH. EcoCAT Report