



## APPENDIX H

### Mitigation Measures to Minimize Project Effects



# Raleigh-Durham Airport Authority



## Environmental Compliance Report (ECR) Proposed Mitigation Measures for Park Economy 3 Expansion Project

*The following Proposed Mitigation Measures have been prepared and incorporated into the ECR to ensure compliance with all Federal and State of North Carolina laws applicable to the Authority for the implementation of the Park Economy 3 Expansion Project (PE-3) and to minimize Project environmental effects to a level that is less than significant with implementation. The Airport Authority and its agents are strongly urged to implement the mitigation measures identified in the ECR.*

**BIO-1** has been included to recommend pre-construction nesting bird surveys take place no more than 7 days prior, as well as recommendations for vegetation removal outside of the nesting bird season (March-August).

**CR-1** Provide for monitoring of excavation and grading activities to avoid impact to archeological resources that may be unearthed during construction activities. If potential historic or cultural resources are uncovered during excavation or construction activities at the Project site that were not assessed by the previous survey work, all ground disturbing activities within 50 feet of the uncovered resource shall cease immediately and the North Carolina Office of State Archaeology shall be notified to evaluate the find, and as appropriate recommend alternative measures to avoid, minimize or mitigate negative effects on the historic, or prehistoric resource. If it's determined that the artifact is that of a Native American, the Commission of Indian Affairs will be notified. Further ground disturbance shall not resume within the area of the discovery until an agreement has been reached by all parties as to the appropriate mitigation. Work shall be allowed to continue outside of the buffer area and shall be monitored by an archeologist.

**CR-2:** If human remains are encountered, disturbance of the Project site shall cease and the site will be protected with a buffer zone of at least 50 feet and shall not resume without authorization from either the county medical examiner or the State Archaeologist, under the provisions of G.S. 70-30(c) or 70-30(d). If the coroner determines that the remains are not subject to his or her authority and if the coroner has reason to believe the human remains to be those of a Native American, he or she shall contact, by telephone within 24 hours, the Native American Heritage Commission.

**EJ-1:** Ensure that construction and grading activities minimize short-term impacts to air quality by employing appropriate mitigation measures and best practices.

**TR-1:** Included to analyze potential overall traffic impacts associated with the increase in parking demand at the airport and explore solutions for improvements to the immediate vicinity of the Project affected by the increase in traffic. This includes a formal Traffic Impact Analysis (TIA) or the roadways and intersections immediately around the PE-3 lot.

**ENL-1:** Included to require noise buffering, dampening, or active cancellation, on other outdoor mechanical equipment or when blasting occurs in proximity to William B. Umstead State Park, and other noise sensitive land uses.