

The [National Bobwhite and Grassland Initiative's](#) (NBGI) [Coordinated Implementation Program](#) is a range-wide restoration roadmap for Northern Bobwhite which contains research and monitoring, biological planning and conservation design, and conservation delivery. The research and monitoring portion is based out of the [Department of Forestry and Environmental Conservation at Clemson University](#). Our goal is to monitor birds at landscape scales (often the size of a county) by using bird point counts and Auditory Recording Units (ARU). Point counts consist of a 5-minute in-person survey for target species at points of ARU placement. ARUs are like trail cameras (see below example), but they record bird sounds. These ARUs will be placed along roadsides in public right of ways or on private landowners' property, both placed with permissions. ARUs will be attached to trees or utility poles using a cable lock and will be left to record for up to 60 days while recording 1-2 hours each day just after sunrise. ARUs will be placed facing away from roadways and will be equipped with a sticker that briefly describes the purpose and contact information (see below example). If a particular unit is in someone's way, they simply need to call the number on the sticker and tell the unit number; it will then be moved within 48 hours. The results will feed into future predictive modeling to help map more effective and efficient delivery of management practices to benefit bird species such as Northern Bobwhite.



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