

AIR MOBILITY DRIVE (ILLINOIS ROUTE 158) EXTENSION PROJECT

A NEED FOR IMPROVEMENT

With traffic projected to continue increasing substantially on Green Mount Road, extending Air Mobility Drive (IL Route 158) will help improve mobility to the surrounding roadway systems.

- Traffic in the study area is expected to grow 20% or more over a 20-year period.
- If no improvements are done, Green Mount Road will reach its capacity soon.
- The planned widening of Green Mount Road (by the County and IDOT) to 5 lanes will enable it to fully handle the increased traffic from planned development but will not relieve traffic along Air Mobility Drive (IL Route 158)
- Radio Range Road currently serves as a 'shortcut' for traffic to bypass the delays of the traffic signals to the west on IL Route 161 and Green Mount Road to the south, leading to crashes at its intersection with IL Routes 161 and 158/177.

PROJECT PROBLEM STATEMENT

A Project Problem Statement is a concise narrative, prepared at the start of a project to define the problem to be solved. The problem statement developed by the IDOT study team for this project is as follows:

AIR MOBILITY DRIVE (IL ROUTE 158) EXTENSION PROBLEM STATEMENT

"The transportation issues for the surrounding area of the Air Mobility Drive (IL Route 158) extension are related to the projected increase in traffic. Other planned roadway improvements will not relieve the traffic from Air Mobility Drive."

PROJECT PURPOSE

The proposed extension of Air Mobility Drive (IL Route 158) from IL Route 161 to IL Route 158/177 will:

- Provide some relief to traffic volumes on Green Mount Road
- Improve mobility and connectivity on Air Mobility Drive (IL Route 158)
- Improve safety—
 - Intersection improvements to address crashes identified at the Air Mobility Drive (IL Route 158) and IL Route 161 intersections
 - Reduce potential for crashes at IL Route 161 and Radio Range Road, a Critical Safety Tier Location