

MANCHESTER-BOSTON REGIONAL AIRPORT AIRPORT ACCESS ROAD IMPROVEMENTS



The Manchester-Boston Regional Airport needed to increase the capacity and operational efficiencies of the existing airport access road until the larger regional access improvement project could be completed.



MANCHESTER-BOSTON REGIONAL AIRPORT AIRPORT ACCESS ROAD IMPROVEMENTS

CLIENT

City of Manchester
Department of Aviation
One Airport Road
Suite 300
Manchester, NH 03103
(603) 624-6539

LOCATION

Manchester & Londonderry, NH

CONSTRUCTION COST

\$750,000

THE CHALLENGE

Manchester-Boston Regional Airport was the fastest growing airport in the national. The Airport had completed a Master Plan in 1994 that included a new terminal, a parking garage, and extensions to both runways to accommodate larger aircraft and improvements to airport access. The Airport was in the midst of implementing the plan; however, before the program was half complete, the 15-year projections had already been exceeded. At the same time, the Airport set about implementing its plan, the NHDOT was studying ways to improve regional access. Significant delays were encountered obtaining the environmental approvals, which put the squeeze on the Airport to maximize the capacity of the existing access routes.

THE RESULTS

CLD was retained by the Manchester-Boston Regional Airport to study traffic patterns and potential changes to the existing access. CLD's study recommended improvements to the Brown Avenue/Airport Road intersection to add capacity, improve signage, and geometry. CLD's analysis also found that a significant restriction was the result of poor operations at the Brown Avenue/Goffs Falls Road intersection. The overall result provided operations and bought a little more time until the larger regional access project could be completed.

CLD's services included improvements at six intersections, right-of-way services, and survey.

- Six Traffic Signals
- Right-of-Way and Survey
- Preparation of Plans and Contract Documents
- Traffic Simulations That Illustrate How Adjacent Intersections Affect One Another
- Public Participation and Consensus Building On Involved Parties



CLD Consulting Engineers, Inc.

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