

High Occupancy Vehicle/Rapid Transit Network York Region, Ontario

Client

Services

Description

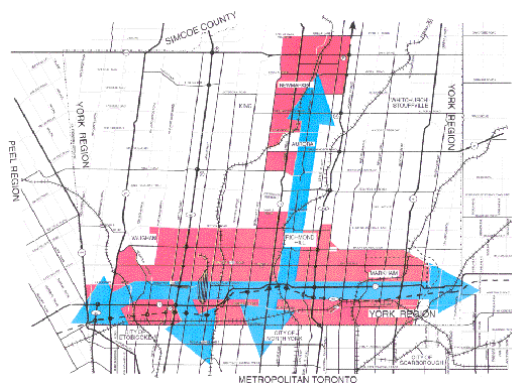
Regional Municipality of York

- Transportation Demand Analysis
- Rapid Transit Concept Development and Network Planning
- HOV Lane Network Planning
- Implementation Strategy
- Public Involvement

York Region is a vast area of towns and suburbs adjoining Metropolitan Toronto with an Official Plan based on a doubling of population to 1.1 million over the next three decades. To accommodate such growth while maintaining mobility in what is currently an auto-dominated environment, a comprehensive transit priority program is required with a 30 percent peak period transit market share as a goal.



An integrated multi-modal transportation system was therefore developed using screenline forecasting to define key corridors where transit needs are greatest. The major new thrust is the provision of east-west and north-south rapid transit spines, conceptually as bus-only transitways. The transitways intercept a pair of extensions of Toronto's subway system as well as three improved commuter rail lines. Supplementing the high-capacity rapid transit facilities are HOV lanes on most arterials and highways in the urbanized part of York, connecting with similar routes in adjacent municipalities.



This flexible, high-capacity system will be implemented in stages, with an early focus on establishing the rapid transit spines so as to help shape nearby land uses into transit-supportive urban areas.

