Transit Technologies
Technologies Considered

- Bus
- Light Rail
- Commuter Rail
- Standard or articulated high-capacity vehicles
- Special lanes or signal priority – Bus Rapid Transit
- Advantage of flexible service
- Congestion problem
Commuter Rail

- Locomotive pulling passenger cars
- Shares freight tracks
- Flexible capacity
- Peak hour service
- Long haul or suburb to city
- Needs to run flat and straight
Light Rail

- Powered from above by electric wires
- Has its own tracks
- Frequent service
- All day service
- Suburb to city and urban area travel
- Quick acceleration
- Can climb and turn
Study Summary
MPO Transit Study Process

1. Identify Needs and Opportunities
   - June

2. Analyze Transit Concepts
   - August

3. Recommend Preferred Scenario
   - September
Transit Needs & Opportunities
Concept A:
Diagram
Concept B: Diagram
Concept C:
Diagram
Getting to the 2050 Concept

- Serving existing and emerging activity centers
- Serving growing and redeveloping areas
- Measuring the potential for station area development
- Respecting community character and land use policies
- Grounding ourselves in reality
  - Appropriate transit technology
  - Rights of way
  - Costs
Transit Concept for 2050
Transit Concept for 2050
September 24, 2007 DRAFT
Transit Concept for 2050
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Regional and Commuter Rail Service
Light Rail Service
Commuter Rail Service
Complementary Bus Network
Major Rail to Rail Connection
Major Bus to Rail Connection
Potential Extension
Potential Regional Connection
Existing Urban Service Area
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Regional and Commuter Rail Service
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Existing Urban Service Area
Next Steps

- MPO for information in October
- MPO for action in November
- Incorporate into the LRTP update
- Parallel the TBARTA planning process