

Hillsborough County MPO Transit Study

Transit Concept for 2050

October 23, 2007

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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



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

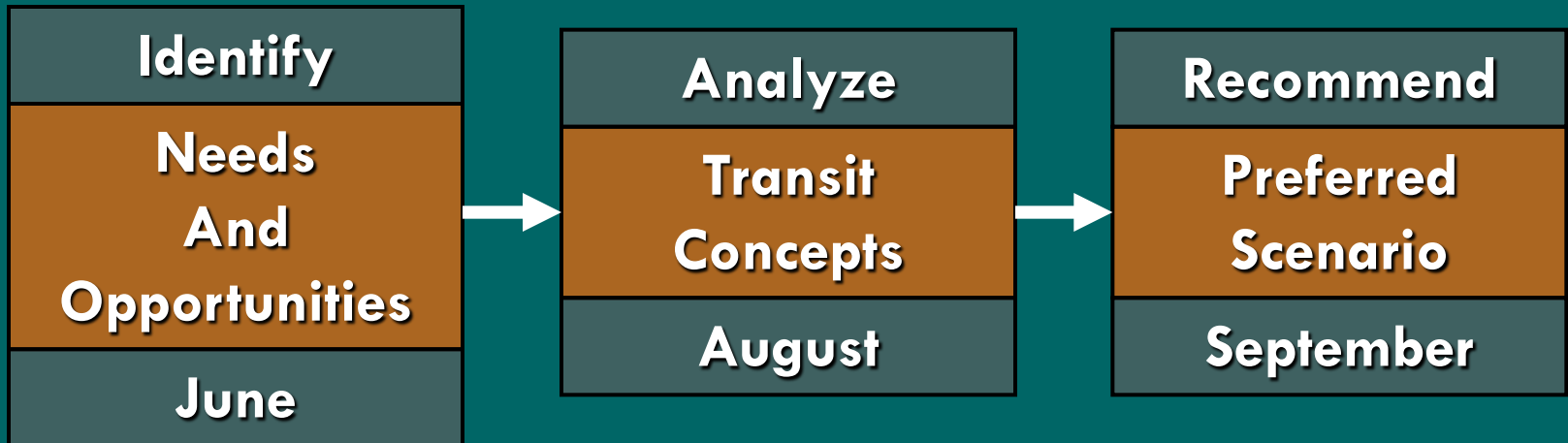


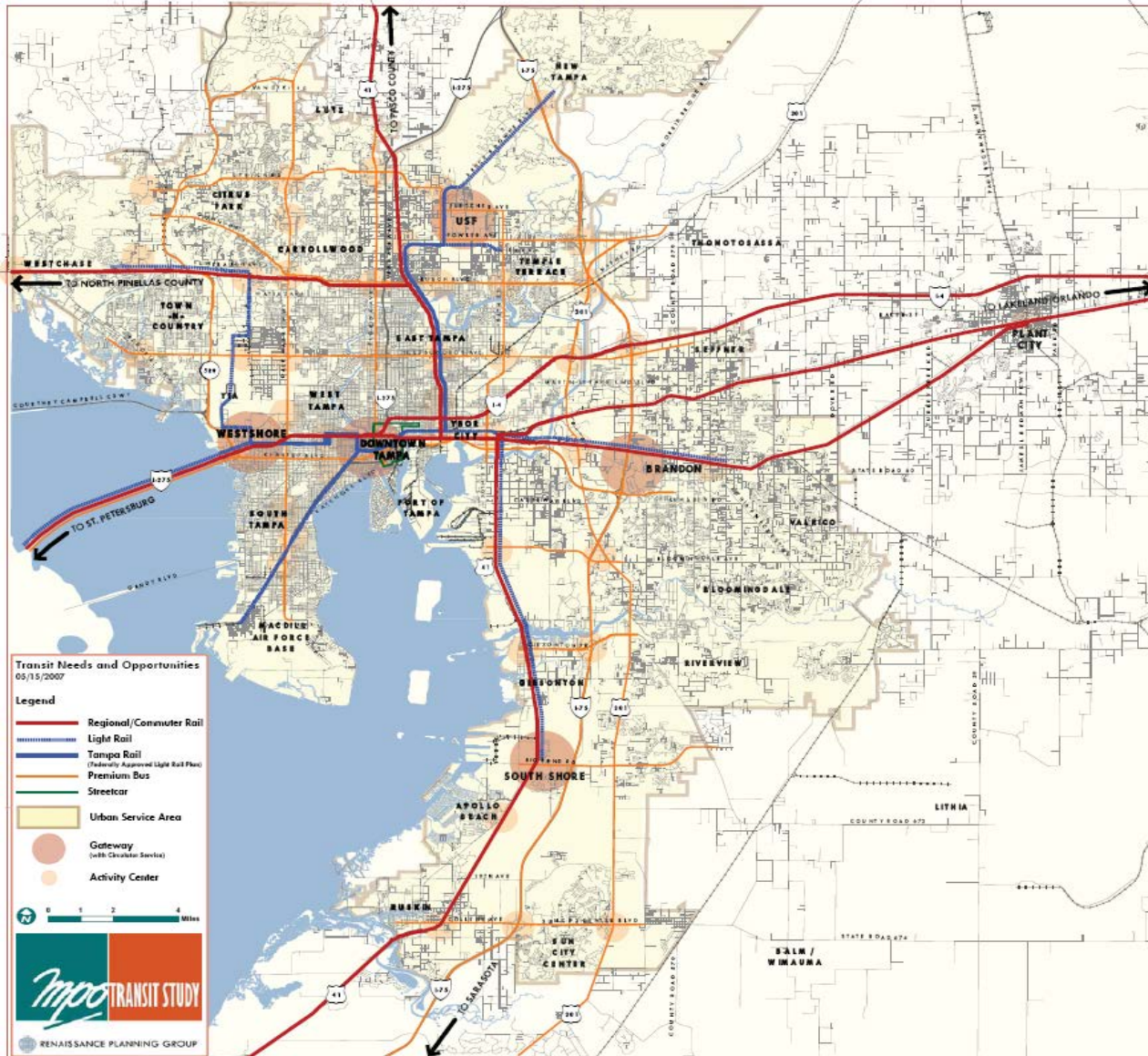
- Powered from above by electric wires
- Has its own tracks
- Frequent service
- All day service
- Suburb to city and urban area travel
- Quick acceleration
- Can climb and turn



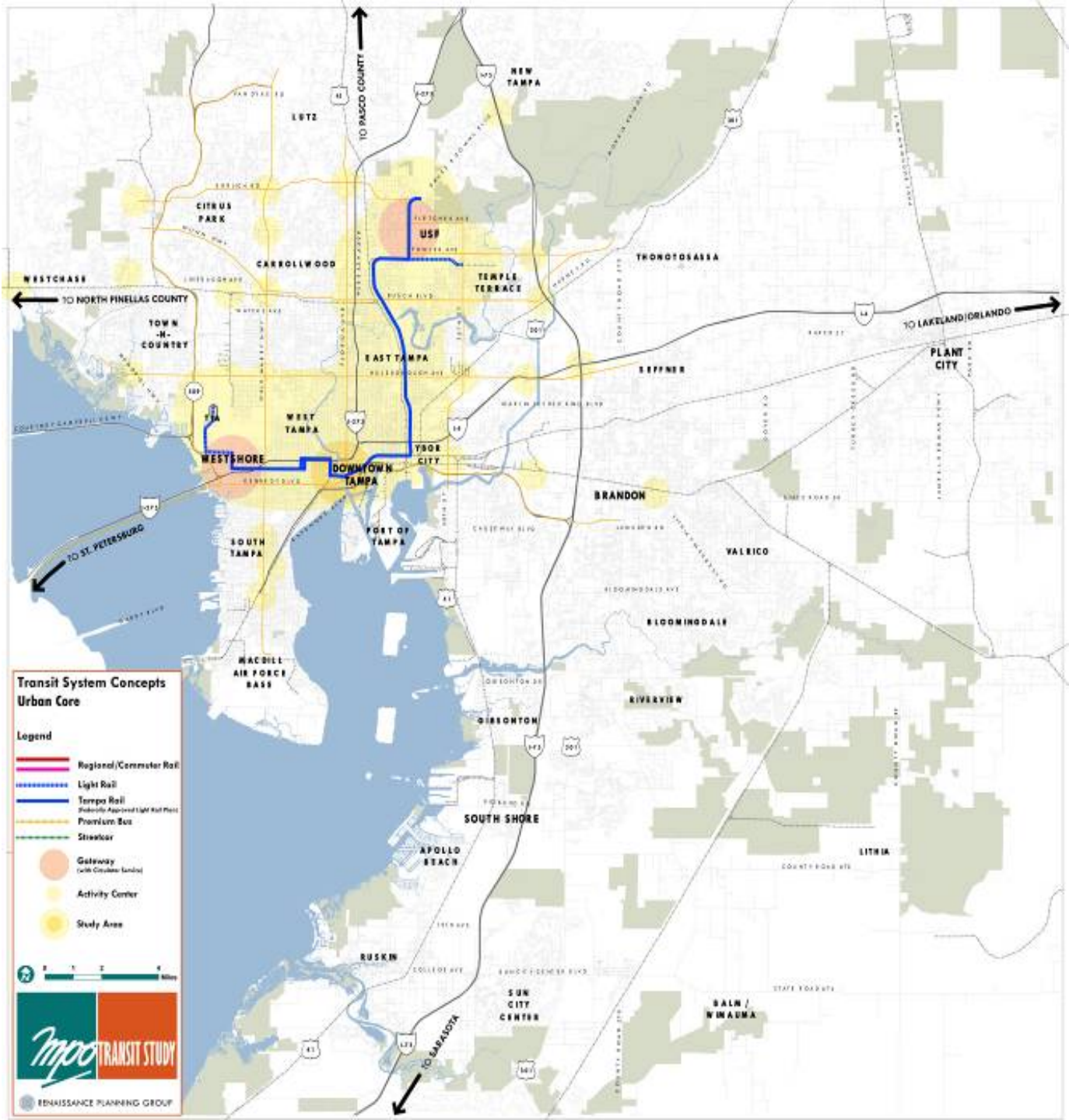
Study Summary







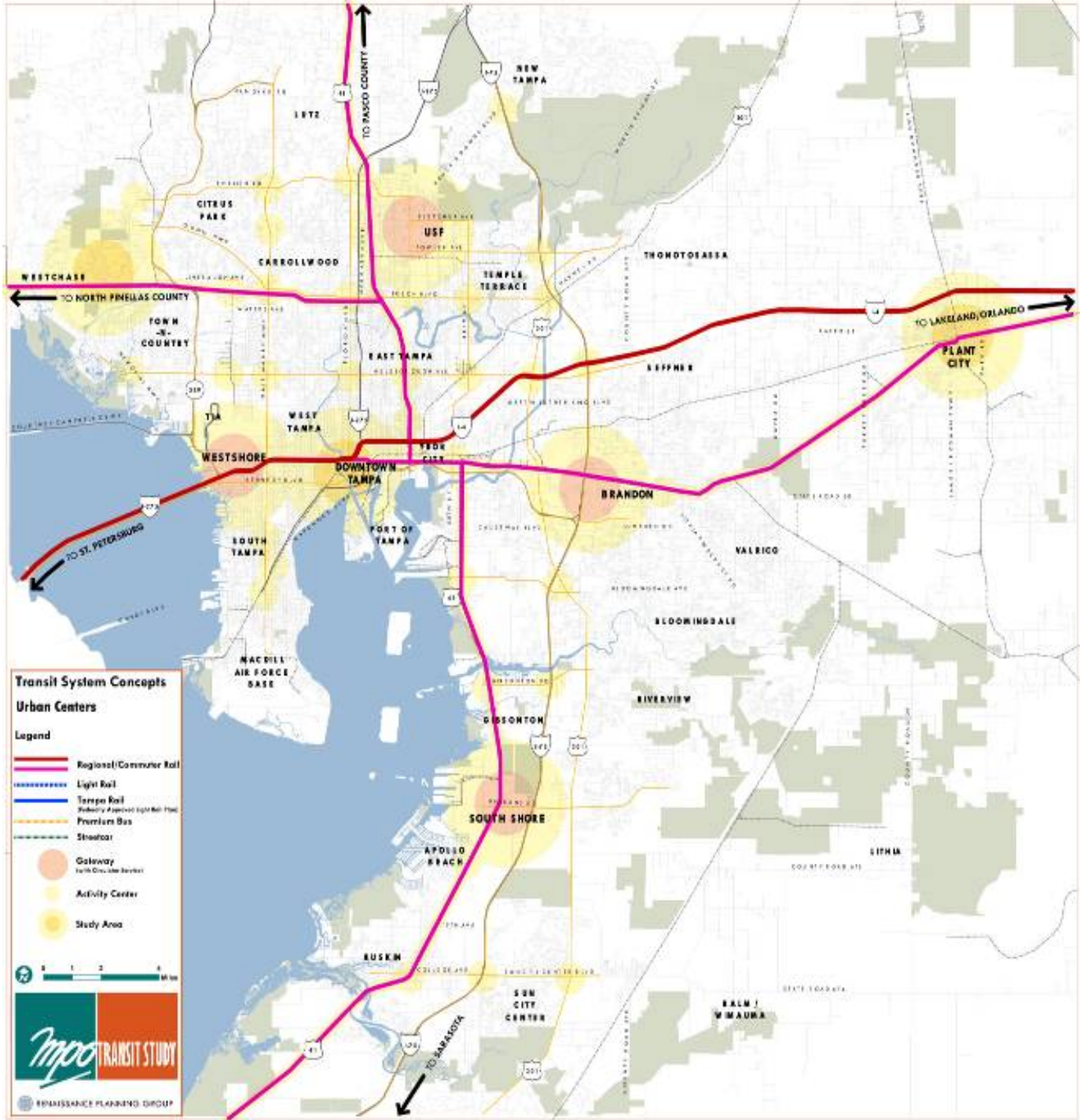
**Concept A:
Diagram**



**Concept B:
Diagram**



**Concept C:
Diagram**

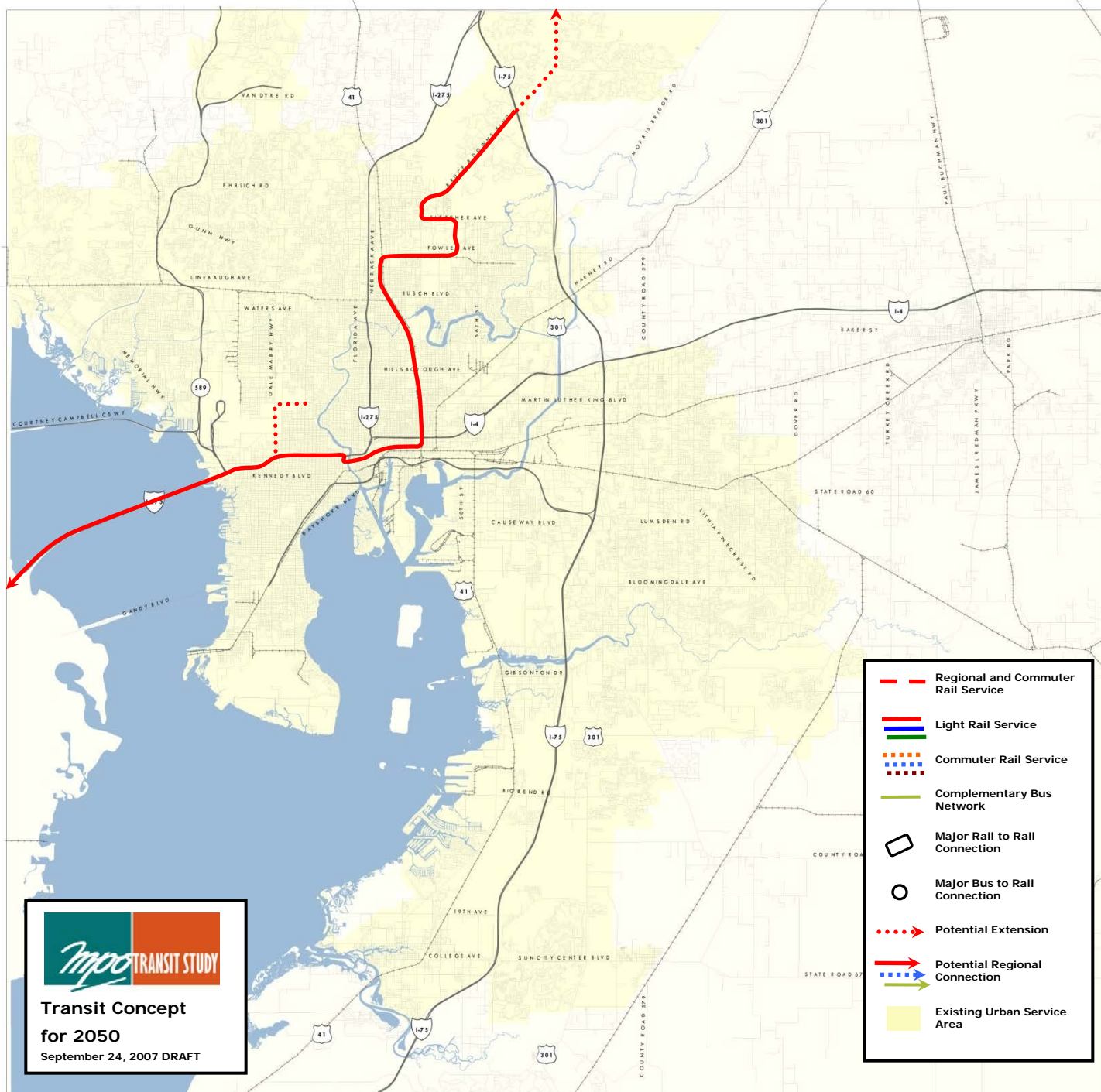














- Serving existing and emerging activity centers
- Serving growing and redeveloping areas
- Measuring the potential for station area development
- Respecting community character and land use policies
- Grounding ourselves in reality
 - Appropriate transit technology
 - Rights of way
 - Costs

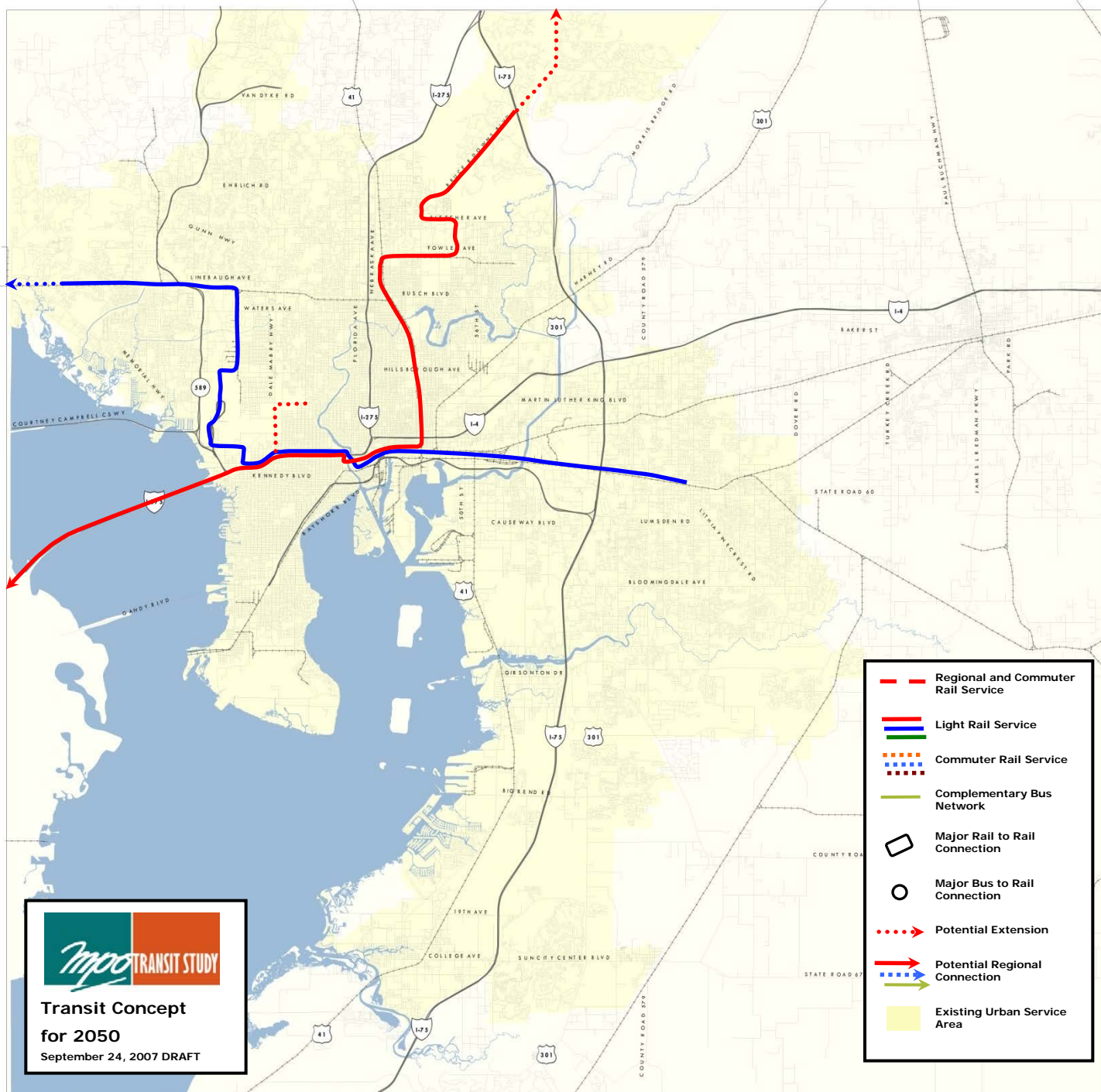
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


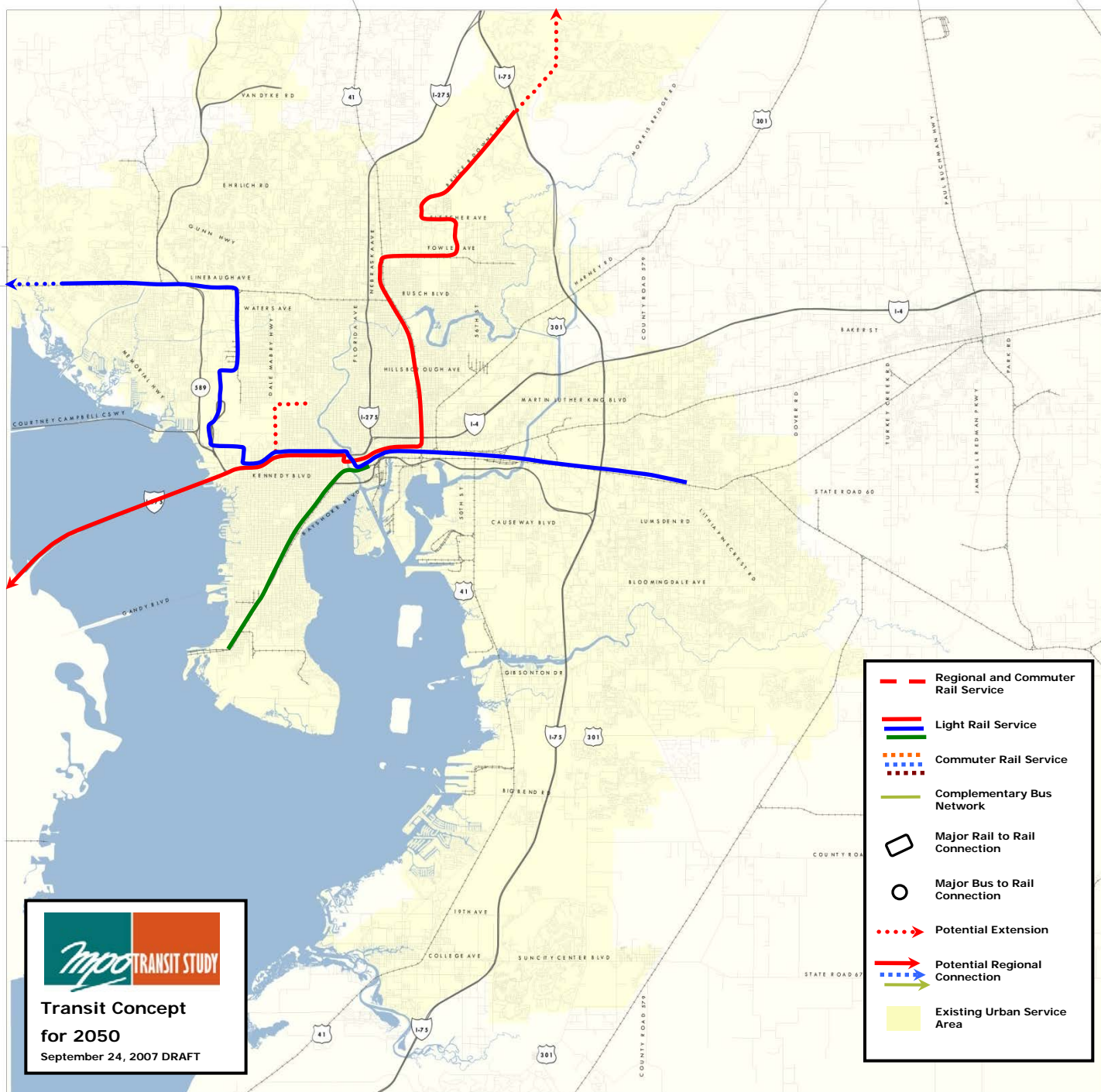

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for 2050
 September 24, 2007 DRAFT

-  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
-  Potential Commuter Connection
-  Existing Urban Service Area













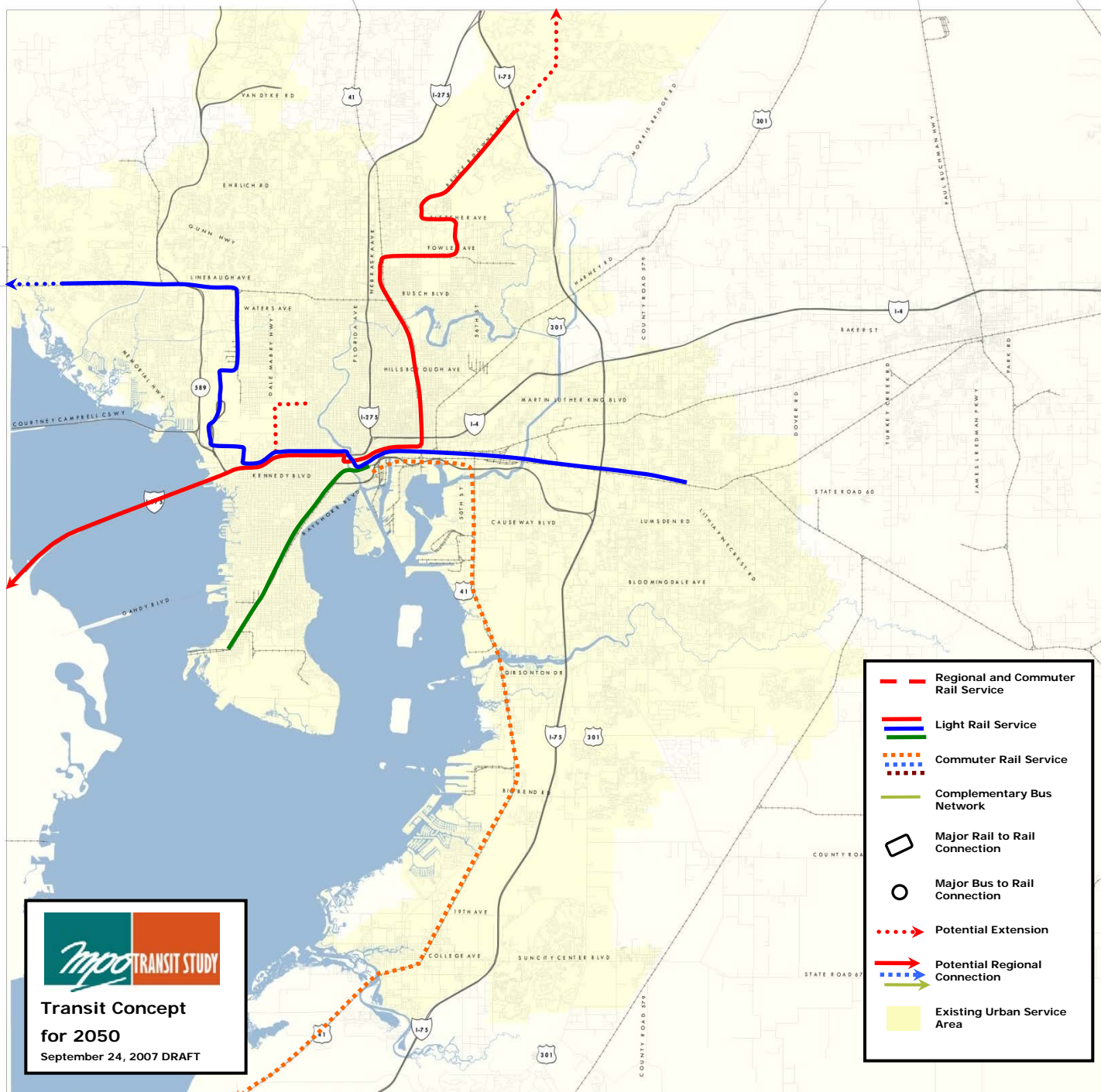

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


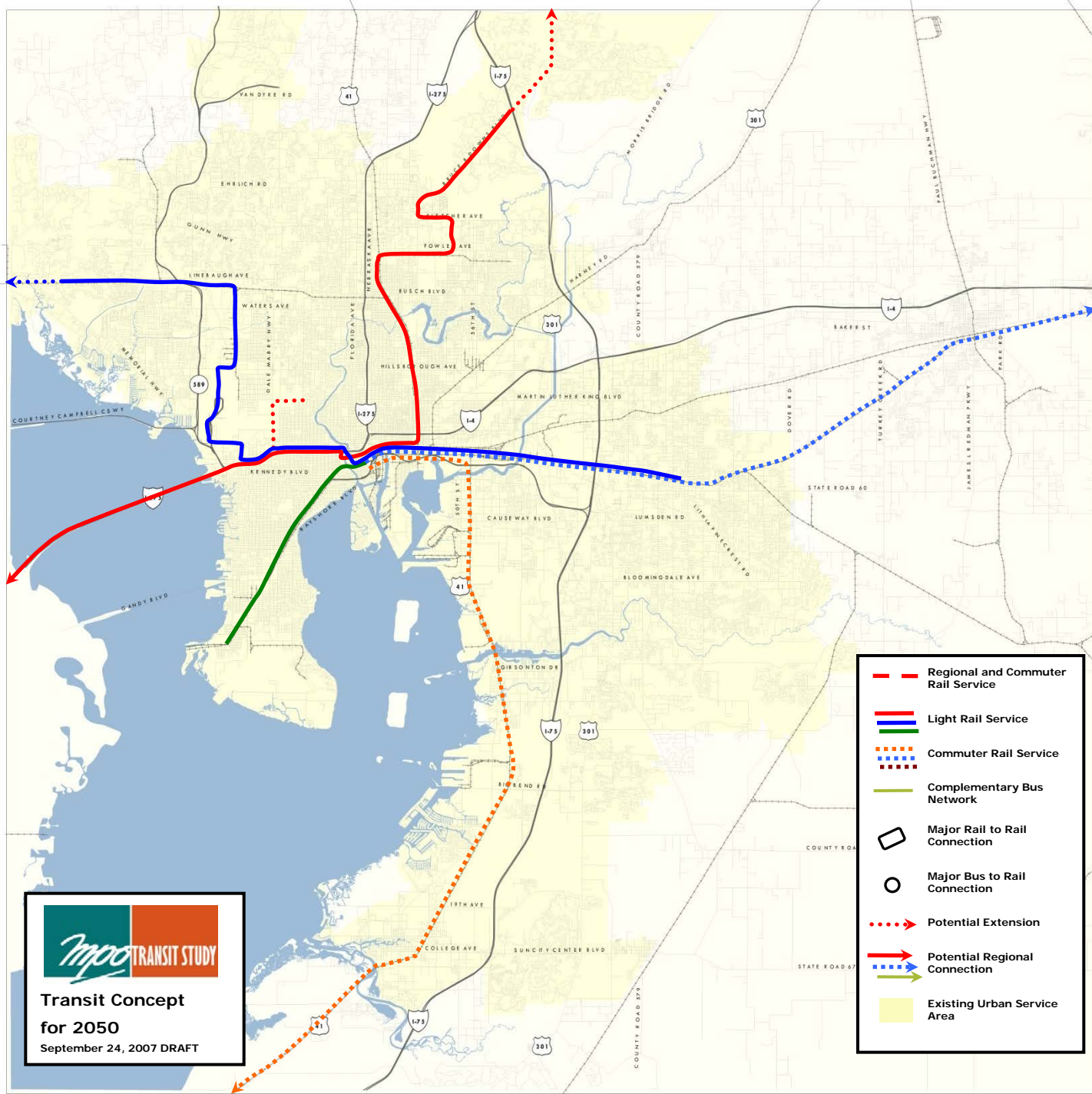

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



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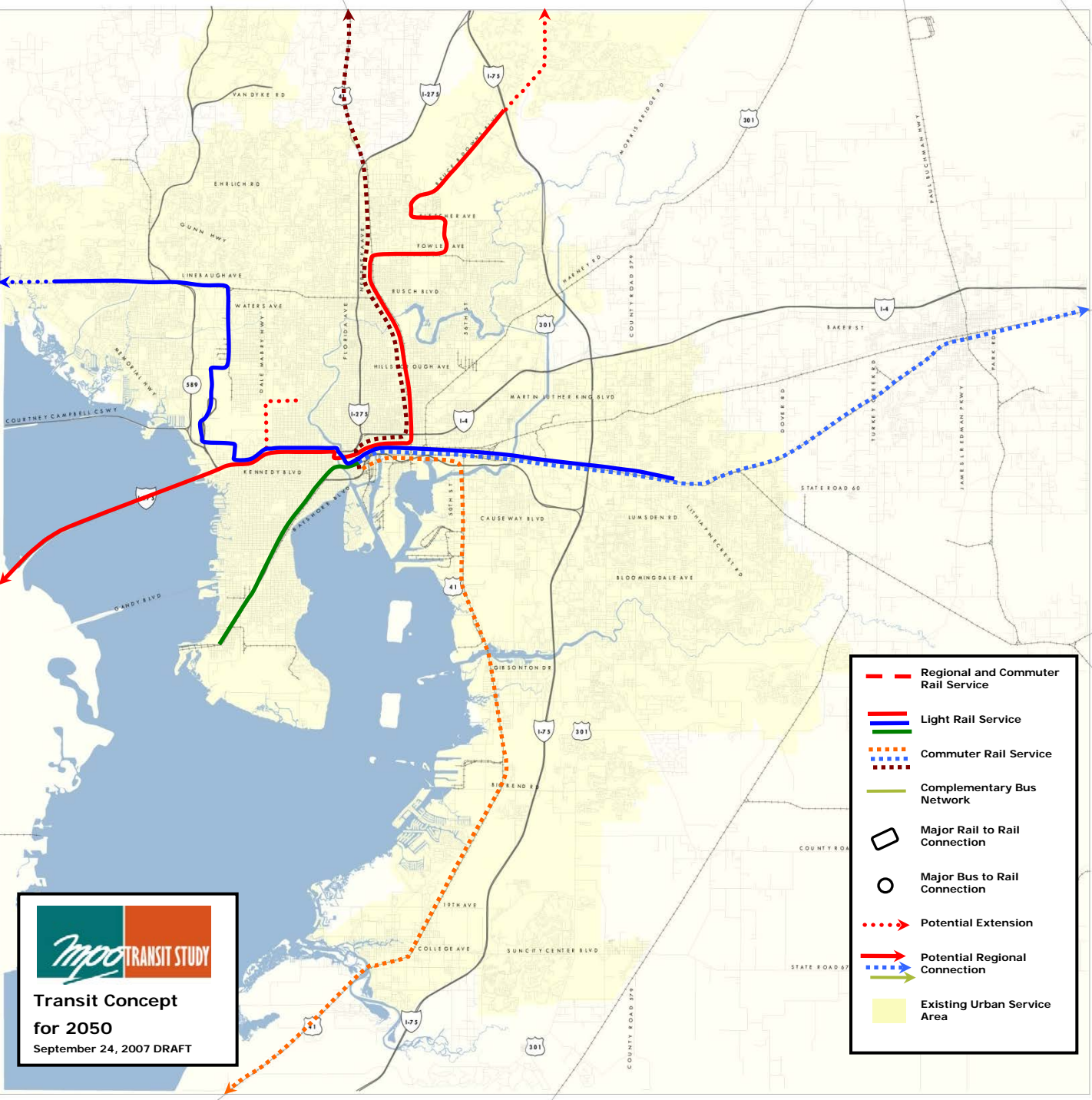













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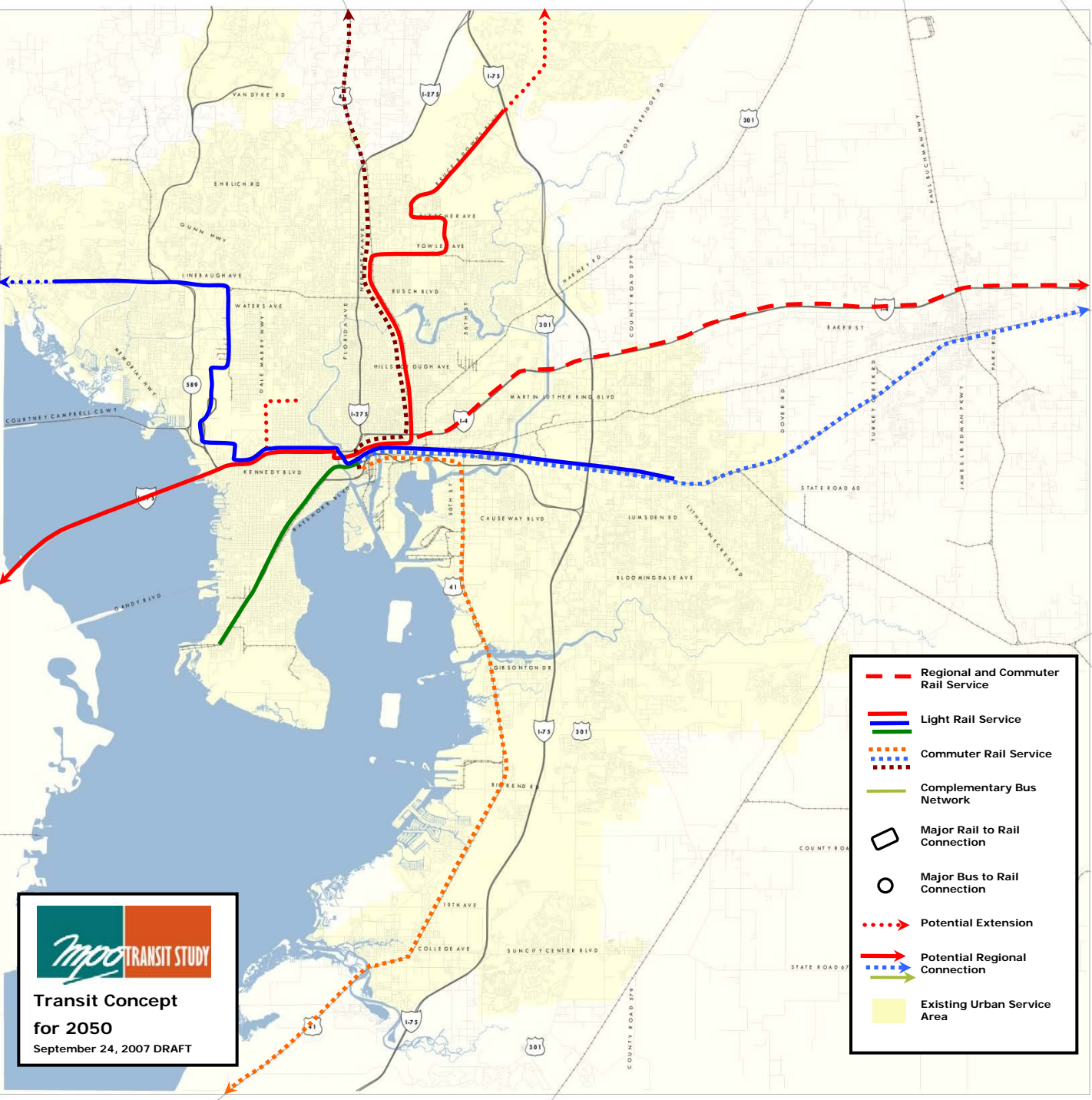
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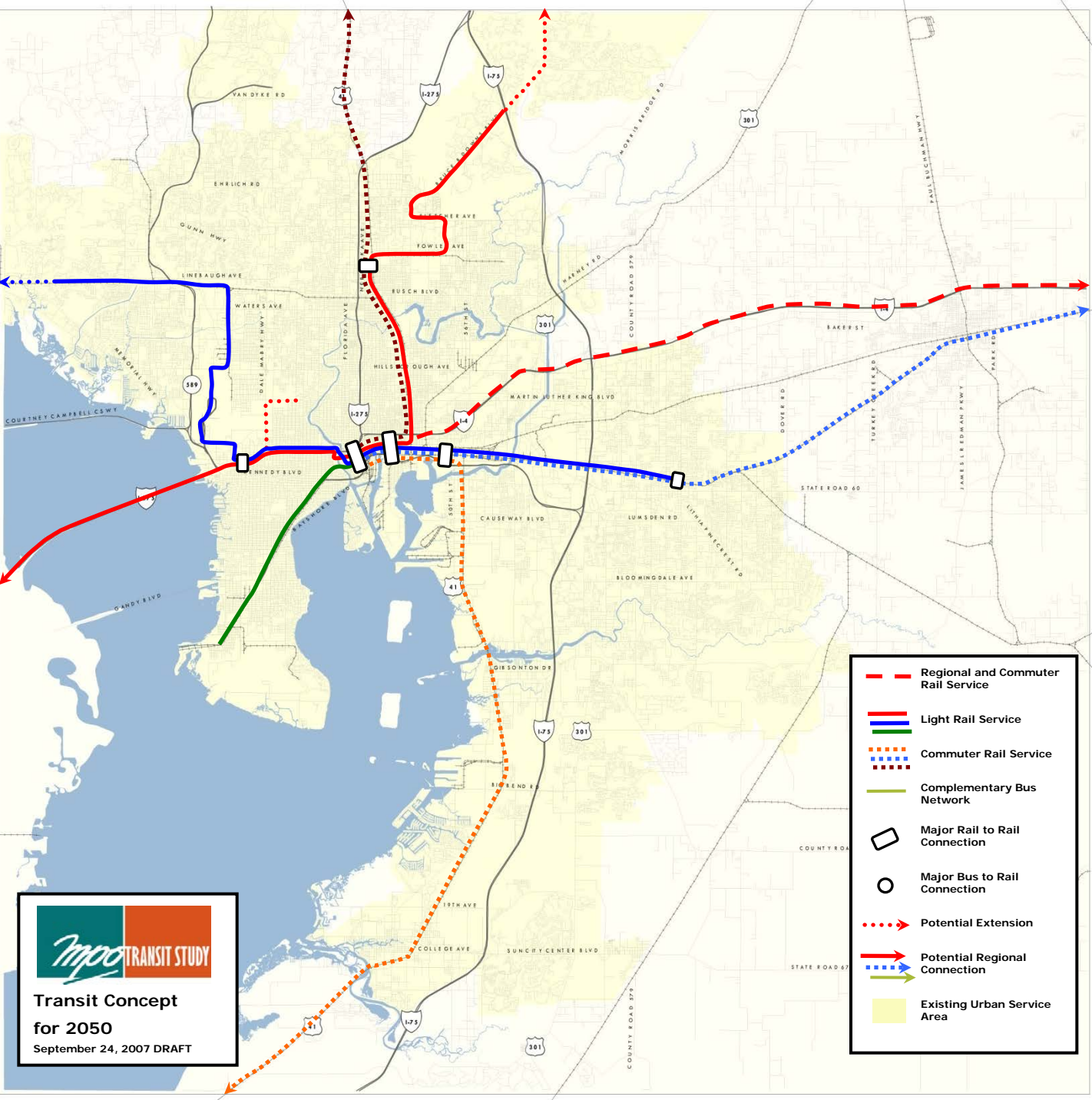
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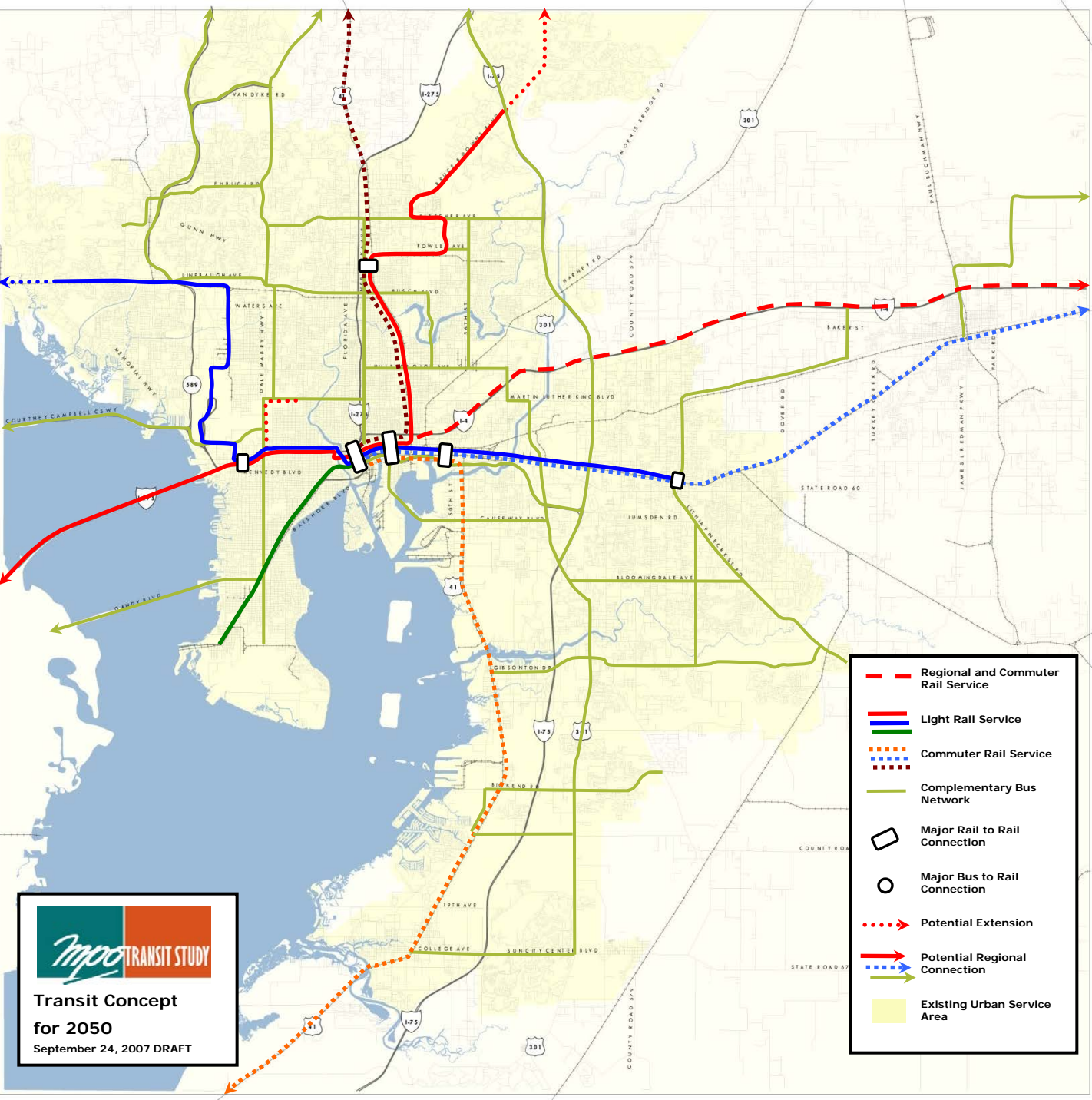
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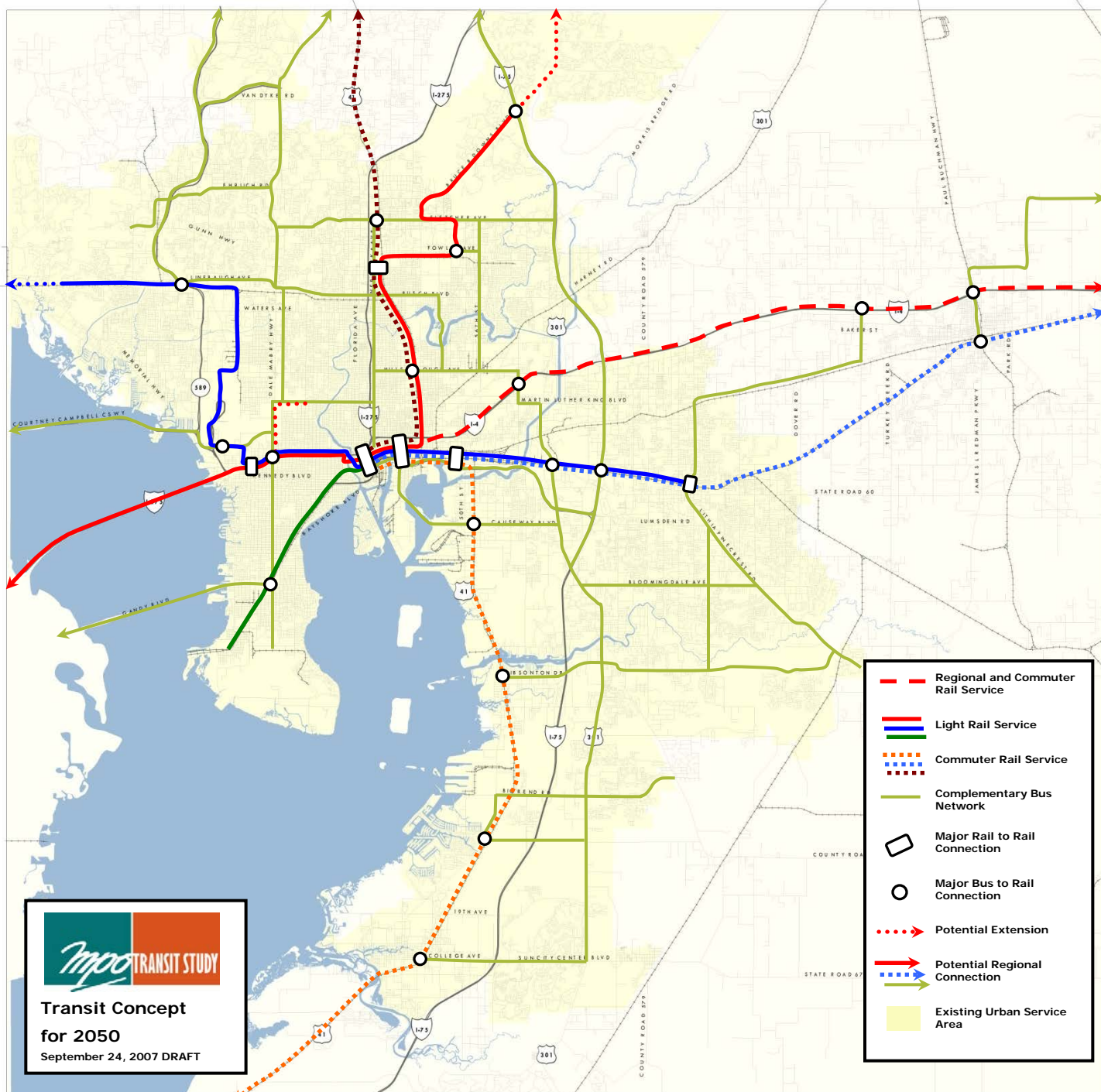
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

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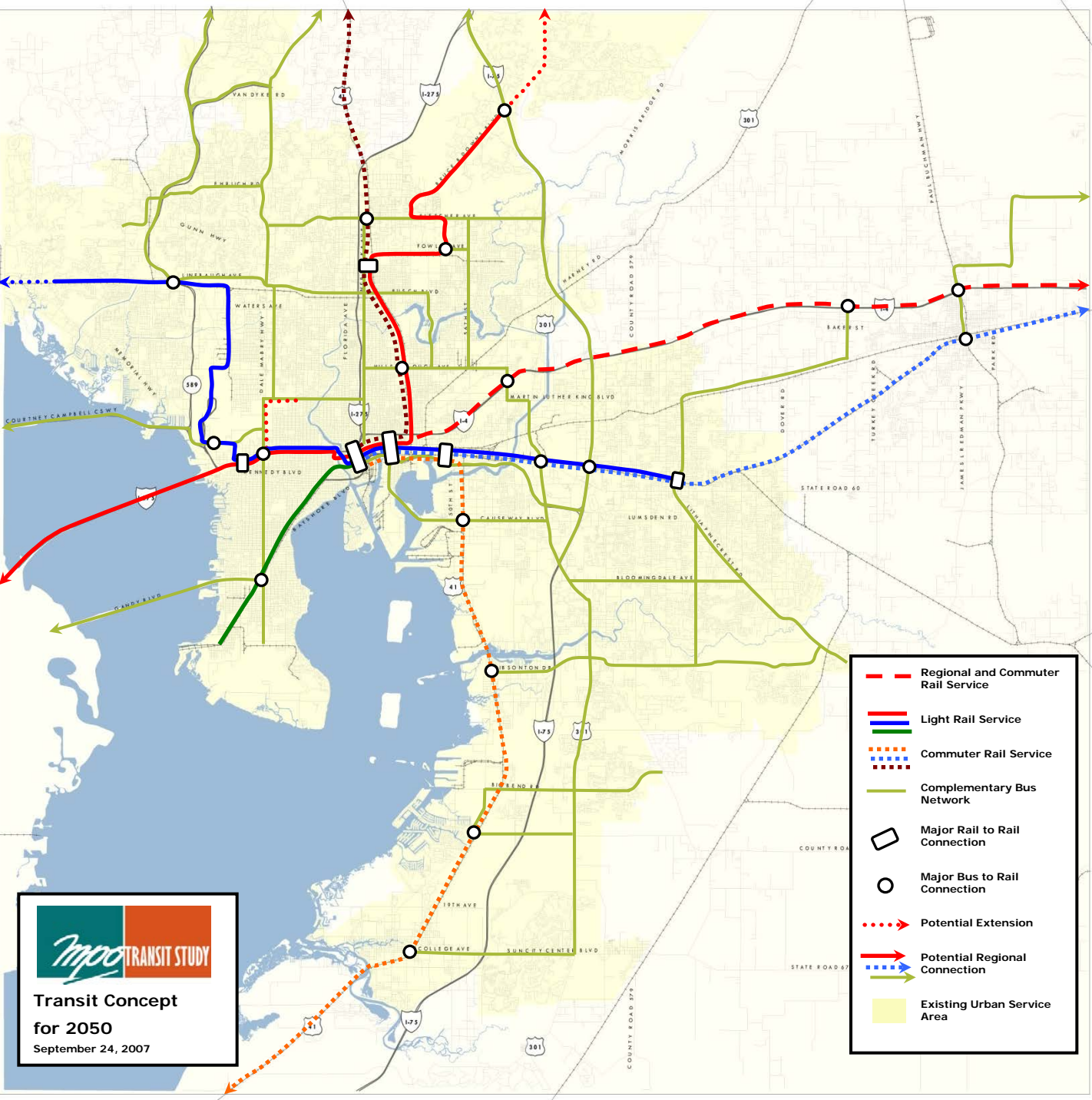
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


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



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