A TRANSIT MASTER PLAN FOR RHODE ISLAND

Overview of Scenarios
RI TRANSIT MASTER PLAN SCOPE

What is Rhode Island’s transit vision?
What investments will enable the vision to be achieved?
How can existing funding be maximized?
What are new funding opportunities?
What policies are needed to ensure success?
Make transit attractive and compelling
Connect people to life’s activities
Grow the economy and improve quality of life
Ensure financial and environmental sustainability
TRANSIT FORWARD RI
BETTER TRANSIT = BETTER RHODE ISLAND
www.TransitForwardRi.com

1,000 interactions at 25 popup events
400 popup comments and ideas
90 online comments
20 transit talks, municipal and stakeholder meetings
7 workshops
SCENARIOS
THREE SCENARIOS

Scenario 1: Address Most Pressing Needs
Focused on addressing largest gaps between provided service and customer demand

Scenario 2: Improve & Expand Transit
Take transit steps further to make it more compelling

Scenario 3: Comprehensive Statewide Network
Develops a robust transit services in all parts of the state where there is transit demand
SCENARIOS

What They Are Intended to Do:
- Give a sense of what can happen at varying levels of investment, and where
- Continue public discussion
- Broaden discussion to other policy decisions
- Move toward a more seamless system

What They Are Not Intended to Do:
- Offer a forced choice among scenarios
- Represent packages that must be chosen or implemented in total (instead possible to pick and choose)
## MAJOR DIFFERENCES BY SCENARIO

<table>
<thead>
<tr>
<th></th>
<th>Scenario 1</th>
<th>Scenario 2</th>
<th>Scenario 3</th>
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<tr>
<td>Light Rail</td>
<td>-</td>
<td>-</td>
<td>2 lines</td>
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<tr>
<td>Bus Rapid Transit</td>
<td>-</td>
<td>3 lines</td>
<td>1 line</td>
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<tr>
<td>Rapid Bus</td>
<td>7 routes</td>
<td>7 routes</td>
<td>11 routes</td>
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<tr>
<td>Frequent Transit Network</td>
<td>9 routes</td>
<td>14 routes</td>
<td>21 routes</td>
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<tr>
<td>More Frequent Service for Longer Hours</td>
<td>Meet service guidelines</td>
<td>Additional increases</td>
<td>Major increases</td>
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<tr>
<td>More Frequent Commuter Rail Service</td>
<td>30 mins peak/ 60 mins off-peak</td>
<td>15 mins peak/ 30 mins off-peak</td>
<td>15 mins peak/ 30 mins off-peak</td>
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<tr>
<td>Faster Commuter Rail Service</td>
<td>&lt;60 mins to Boston</td>
<td>&lt;60 mins to Boston</td>
<td>&lt;60 mins to Boston</td>
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<tr>
<td>Regional Rapid Bus</td>
<td>2 routes</td>
<td>4 routes</td>
<td>4 routes</td>
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<tr>
<td>Express &amp; Commuter Routes</td>
<td>9 routes</td>
<td>8 routes</td>
<td>8 routes</td>
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<tr>
<td>Mobility Hubs</td>
<td>8 regional</td>
<td>8 regional</td>
<td>9 regional</td>
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<td></td>
<td>6 community</td>
<td>12 community</td>
<td>39 community</td>
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SCENARIO 1: ADDRESS MOST PRESSING NEEDS
S1: HIGH CAPACITY TRANSIT

0 LRT Lines
0 BRT Routes
7 Rapid Bus Routes
  R-Line extended to Central Falls
  1 Hope - Eddy
  20 Elmwood - TF Green
  21 Reservoir - Garden City
  28 Broadway - Hartford
  56 Chalkstone Ave
  78 Beverage Hill - E Providence
S1: FREQUENT TRANSIT NETWORK

9 Total Routes
7 Rapid Bus Routes
2 Frequent Local Routes
S1: MORE FREQUENT SERVICE FOR LONGER HOURS

More frequent service for longer hours
   Modest improvements

Upgrade all routes to meet existing service guidelines
S1: COMMUTER RAIL

Faster service to Boston

Combination of measures to reduce Providence-Boston travel times to less than 60 minutes, which could include:

- High level platforms and level boarding
- All door boarding and alighting
- Use of DMUs or EMUs
- Express trains
**S1: COMMUTER RAIL**

More frequent service to Boston

**Weekday service:**
- Every 30 minutes peak/60 minutes off-peak to all stations except Wickford Junction
- 10 round trips per day to Wickford Junction

**Weekend Service to TF Green**
- Cross-honor fares with Amtrak to provide more frequent service
- New Amtrak Station at TF Green
S1: REGIONAL RAPID BUS & EXPRESS ROUTES

Regional Rapid Bus
2 routes:
  54 Providence - Woonsocket
  60 Providence - Newport

Express Bus
Minimum of three AM inbound and three PM outbound trips
Bus on shoulder operations where possible with only minor roadway changes
New route: N14 Coventry-Providence
S1: MOBILITY HUBS

14 mobility hubs
  8 regional hubs
    Providence/Kennedy Plaza
    Providence/Providence Station
    Providence/Jewelry District
    Pawtucket/Downtown
    Woonsocket/Downtown
    Warwick/CCRI
    Newport/Gateway Center
    North Kingstown/Wickford Junction
  6 community hubs
S1: FLEX ZONES

App-based reservation and fare payment
Expand capacity of existing services to accommodate demand
SCENARIO 2:
IMPROVE AND EXPAND TRANSIT SERVICE
S2: HIGH CAPACITY TRANSIT

0 LRT Lines

3 BRT Routes
  N2 Olneyville Square - East Providence
  N3 Central Falls - TF Green via Eddy
  N4 Providence - TF Green via CCRI/Warwick

7 Rapid Bus Routes
  Southern part of R-Line
  1 Hope - Eddy
  17 Dyer - Pocasset
  20 Elmwood Ave
  28 Broadway - Hartford
  56 Chalkstone Ave
  78 Beverage Hill - East Providence
S2: FREQUENT TRANSIT NETWORK

14 Total Routes
  3 BRT lines
  7 Rapid Bus Routes
  4 Frequent Local Routes
S2: MORE FREQUENT SERVICE FOR LONGER HOURS

Increase service on local routes:
Moderate increases in frequency
Moderate increase in spans
Weekend service on all local routes
S2: COMMUTER RAIL

Faster service to Boston
Same as Scenario 1
Combination of measures to reduce Providence-Boston travel times to less than 60 minutes, which could include:
- High level platforms and level boarding
- All door boarding and alighting
- Use of DMUs or EMUs
- Express trains
S2: COMMUTER RAIL

More frequent service to Boston

Weekday service:
- Every 15 mins all day to Providence Station
- Every 30 minutes peak/60 minutes off-peak to all other stations except Wickford Junction
- 10 round trips per day to Wickford Junction

Weekend Service to TF Green
- Cross-honor fare with Amtrak to provide more frequent service
- New Amtrak Station at TF Green
S2: REGIONAL RAPID BUS & EXPRESS ROUTES

Regional Rapid Bus

4 routes:
1. 14 West Bay
2. 54 Lincoln - Woonsocket
3. 60 Providence – Newport
4. 66 URI - Galilee

Express Bus

Minimum of four AM inbound trips, four PM outbound trips, and one midday round trip

Bus on shoulder operations where possible with only moderate roadway changes

New route: N14 Coventry-Providence
S2: MOBILITY HUBS

20 mobility hubs
  8 regional hubs
  12 community hubs
S2: FLEX ZONES

App-based reservation and fare payment
Expand capacity of existing services to accommodate demand
Add Saturday service
Expand service to new areas where ridership would be at least four passengers per vehicle hour
SCENARIO 3: COMPREHENSIVE STATEWIDE NETWORK
S3: HIGH CAPACITY TRANSIT

2 LRT Lines
- N1 Central Falls - TF Green via CCRI/Warwick
- N2 Olneyville Square - East Providence

1 BRT Route
- N5 Providence Station - TF Green Airport via Eddy

11 Rapid Bus Routes
- Southern part of R-Line
- 1 Hope St
- 20 Elmwood Ave
- 27 Broadway - Manton
- 28 Broadway - Hartford
- 31 Cranston St
- 50 Douglas St
- 56 Chalkstone Avenue
- 78 Beverage Hill - E Providence
- 92 RI College - Eastside
- N11 Cranston/Park Ave
S3: FREQUENT TRANSIT NETWORK

21 Total Routes
- 2 LRT lines
- 1 BRT line
- 11 Rapid Bus Routes
- 7 Frequent Local Routes
S3: MORE FREQUENT SERVICE FOR LONGER HOURS

Increase service on local routes:
- Major increases in frequency
- Major increase in spans
- Weekend service on all local routes
S3: COMMUTER RAIL

Faster service to Boston

Same as Scenarios 1 and 2

Combination of measures to reduce Providence-Boston travel times to less than 60 minutes, which could include:
- High level platforms and level boarding
- All door boarding and alighting
- Use of DMUs or EMUs
- Express trains
S3: COMMUTER RAIL

More frequent service to Boston

Weekday service:
- Every 15 mins all day to Providence Station
- Every 15 minutes peak/30 minutes off-peak to all other stations except Wickford Junction
- 10 round trips per day to Wickford Junction

Weekend Service to TF Green
Cross-honor fare with Amtrak to provide more frequent service
New Amtrak Station at TF Green
S3: REGIONAL RAPID BUS & EXPRESS ROUTES

Regional Rapid Bus
4 routes:
14 West Bay
54 Lincoln - Woonsocket
60 Providence – Newport
66 URI - Galilee

Express Bus
Minimum of five AM inbound trips, five PM outbound trips, and hourly midday service
Bus on shoulder operations
New route: N14 Coventry-Providence
S3: MOBILITY HUBS

49 mobility hubs
9 regional hubs
39 community hubs (in all municipalities)
S3: FLEX ZONES

App-based reservation and fare payment
Expand capacity of existing services to accommodate demand
Add Saturday and Sunday service
Expand service to new areas where ridership would be at least four passengers per vehicle hour
Develop funding program to support municipally operated services
QUESTIONS AND COMMENTS