METRONext

Public Engagement Update

Board Workshop
April 25, 2019
Disclaimer

This presentation is being provided solely for discussion purposes by the Metropolitan Transit Authority of Harris County, Texas (METRO) during a workshop session on April 25, 2019. It includes draft alternative transit plans, which utilize a range of modes of transportation based on different funding scenarios, including a draft long-term plan that provides a vision of future transit in the service area assuming unconstrained financial resources. The draft plans are based on various financial estimates, economic forecasts and other assumptions, which are subject to change. As a result, the final proposed plan could differ materially. Additionally, any proposed plan or project conducted by METRO is subject to certain approvals and authorization, including approval by the METRO Board of Directors.

METRO makes no claim, promise or guarantee of any kind, including with respect to the feasibility or future implementation of any proposed plans or projects discussed herein.
Project Milestones

January 2017
Set Overall Direction

2017
FRAME

2018
ENGAGE
Public Input

2019
PLAN
System Planning

SHARE
Public Input & Public Education

July 2019
DELIVER
We Are Here
Phase 2 Public Engagement - Update
Phase 2 Public Engagement
Comments

December 2018 through March 2019

36,600 new website visitors (www.METRONext.org)

1,455 individuals commented
  837 from public meetings/ events
  608 from www.METRONext.org
  and from other media

2,420 comments
Phase 2 Public Engagement

Key Themes

- Moving Forward Plan: 66%
- Customer Experience: 14%
- Vision Plan/Regional Investments: 12%
- General comments and questions: 8%

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Moving Forward Plan
High Capacity Transit – by corridor

- Hobby Airport
- IAH Airport
- Inner Katy
- University
- Westheimer

0% 25% 50% 75% 100%

- OPPOSE
- ONE LINE OR BRT
- CHANGE
- SUPPORT
- MORE INVESTMENT

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Hobby Airport
Alternative Scenarios
Hobby Airport
Moving Forward Plan

- Green Line extension via Broadway
- Purple Line extension via MLK and Bellfort
<table>
<thead>
<tr>
<th>Green Line Only - LRT Extension to Hobby Airport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Time from Downtown to Hobby</td>
</tr>
<tr>
<td>Estimated Daily Ridership (Model)</td>
</tr>
<tr>
<td>Estimated Daily Ridership (plus airport users)</td>
</tr>
<tr>
<td>Estimated Capital Cost (2017$)</td>
</tr>
</tbody>
</table>

- **Travel Time from Downtown to Hobby**: 40 min.
- **Estimated Daily Ridership (Model)**: 4,600
- **Estimated Daily Ridership (plus airport users)**: 6,100 – 6,600
- **Estimated Capital Cost (2017$)**: $900 M
Hobby Airport
Alternative scenarios - LRT

Purple Line Only - LRT Extension to Hobby Airport

Travel Time from Downtown to Hobby 48 min.

Estimated Daily Ridership (Model) 2,800

Estimated Daily Ridership (plus airport users) 4,300 – 4,800

Estimated Capital Cost (2017$) $881 M
Green and Purple Line LRT Extensions to Telephone/Long, Continuing as Combined Line to Hobby Airport

<table>
<thead>
<tr>
<th>Description</th>
<th>Green</th>
<th>Purple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Time from Downtown to Hobby</td>
<td>38 min.</td>
<td>41 min.</td>
</tr>
<tr>
<td>Estimated Daily Ridership (Model)</td>
<td>6,600</td>
<td></td>
</tr>
<tr>
<td>Estimated Daily Ridership (plus airport users)</td>
<td>8,100 to 8,600</td>
<td></td>
</tr>
<tr>
<td>Estimated Capital Cost (2017$)</td>
<td>$1.06 B</td>
<td></td>
</tr>
</tbody>
</table>
Hobby Airport
Alternative scenarios - BRT

Option: BRT from Downtown to Hobby Airport via Two-Way HOV on IH 45 South

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Time from Downtown to Hobby</td>
<td>29 min.</td>
</tr>
<tr>
<td>Estimated Daily Ridership (Model)</td>
<td>5,100</td>
</tr>
<tr>
<td>Estimated Daily Ridership (plus airport users)</td>
<td>6,000 to 6,300</td>
</tr>
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<td>Estimated Capital Cost (2017$)</td>
<td>$1.6 B</td>
</tr>
</tbody>
</table>
## Hobby Airport
### Alternative scenarios - BRT

<table>
<thead>
<tr>
<th>Option: BRT From Green &amp; Purple Line Terminus Stations to Hobby Airport</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Travel Time from</strong></td>
</tr>
<tr>
<td><strong>Downtown to Hobby</strong></td>
</tr>
</tbody>
</table>

- **Estimated Daily Ridership (Model)**: 4,500
- **Estimated Daily Ridership (plus airport users)**: 5,400 – 5,700
- **Estimated Capital Cost (2017$)**: $903 M

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Alignment and facilities are not shown to scale and are subject to further study.

**PROPOSED PROJECT**

- **BUS RAPID TRANSIT (BRT) FACILITY**
- **EXISTING FACILITIES**
  - **EXISTING STATION**
  - **EXISTING LRT/BRT**

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# Hobby Airport

## Alternative scenarios – Summary

<table>
<thead>
<tr>
<th>Travel Time from Downtown to Hobby</th>
<th>Moving Forward Plan – Green and Purple Line Extensions to Hobby Airport</th>
<th>Green Line Only - LRT Extension to Hobby Airport</th>
<th>Purple Line Only - LRT Extension to Hobby Airport</th>
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<tr>
<td><strong>Travel Time from Downtown to Hobby</strong></td>
<td>Green: 40 min. Purple: 48 min.</td>
<td>40 min.</td>
<td>48 min.</td>
<td>Green: 38 min. Purple: 41 min.</td>
<td>29 min.</td>
<td>Green: 51 min. Purple: 58 min.</td>
</tr>
<tr>
<td><strong>Estimated Daily Ridership (Model)</strong></td>
<td>7,200 4,400 – Green 2,800 – Purple</td>
<td>4,600</td>
<td>2,800</td>
<td>6,600 Green: 4,600 Purple: 2,000</td>
<td>5,100</td>
<td>4,500 2,800 – Green 1,700 – Purple</td>
</tr>
<tr>
<td><strong>Estimated Daily Ridership (plus airport users)</strong></td>
<td>8,700 to 9,200 6,100 to 6,600 4,300 to 4,800 8,100 to 8,600 6,000 to 6,300 5,400 to 5,700</td>
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<td><strong>Estimated Capital Cost (2017$)</strong></td>
<td>$1.8 B $900 M $881 M</td>
<td>$1.06 B $1.6 B</td>
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**Estimated Daily Ridership (plus airport users)**

- **Green Line**
  - Model: 7,200, 4,400
  - plus airport users: 8,700 to 9,200

- **Purple Line**
  - Model: 2,800
  - plus airport users: 1,700 to 2,800
Other comments

- Improve First/Last Mile
- Invest in Universal Accessibility
- Implement Community Connectors
- Implement operational improvements (span, frequency, weekend service)
Next steps

› April 2019
  Summary to Board

› May 2019
  Revise draft plan & present to Board

› June 2019
  Final public comment period

› July 2019
  Board adoption of final plan