EXISTING CONDITIONS
(BUS)

Current Bus Routes on Corridor

DASH Route 30 – Morning Speeds & Travel Times

Segment 1 (WB)
AM Avg. Speed: 10 MPH
AM Travel Time: 6.3 Min

Segment 2A (WB)
AM Avg. Speed: 13 MPH
AM Travel Time: 2.2 Min

Segment 2B (WB)
AM Avg. Speed: 11 MPH
AM Travel Time: 2.8 Min

Segment 3 (WB)
AM Avg. Speed: 6 MPH
AM Travel Time: 6.4 Min

DASH Route 30 – Afternoon Speeds & Travel Times

Segment 1 (EB)
AM Avg. Speed: 8 MPH
AM Travel Time: 7.5 Min

Segment 2A (EB)
AM Avg. Speed: 12 MPH
AM Travel Time: 5.1 Min

Segment 2B (EB)
AM Avg. Speed: 6 MPH
AM Travel Time: 5.6 Min

Segment 3 (EB)
AM Avg. Speed: 9 MPH
AM Travel Time: 6.3 Min
EXISTING CONDITIONS
(TRAFFIC)

Current Peak Hour Vehicle Travel Times and Speeds (Morning Peak Hour)

Current Peak Hour Vehicle Travel Times and Speeds (Evening Peak Hour)

Current Daily Vehicle Traffic Volumes (Eastbound and Westbound)

Duke Street: Vehicular AM Peak Hour Average Speed/Travel Time

Duke Street: Vehicular PM Peak Hour Average Speed/Travel Time

Duke Street: Exising Daily Vehicle Traffic Volume Summary
**SAFETY**
**ESTIMATED CRASH REDUCTION**
(over a five-year period)

<table>
<thead>
<tr>
<th>Key</th>
<th>No Reduction</th>
<th>1-35% Reduced</th>
<th>35-70% Reduced</th>
<th>70-100% Reduced</th>
<th>Concept does not apply for this segment</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Type of Crash</th>
<th>Current Crashes (2016-2020)</th>
<th>Center Running</th>
<th>Curb Running</th>
<th>Bidirectional/Hybrid</th>
<th>Mixed Traffic</th>
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</thead>
<tbody>
<tr>
<td>Involving buses</td>
<td>3</td>
<td>●●●</td>
<td>●</td>
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<td>-</td>
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<tr>
<td>Segment 1</td>
<td>Left turn</td>
<td>54</td>
<td>●●●</td>
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<td>-</td>
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<tr>
<td></td>
<td>Pedestrian (near bus stops)</td>
<td>7</td>
<td>●●●</td>
<td>●●●</td>
<td>-</td>
</tr>
<tr>
<td>Involving buses</td>
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<td>●</td>
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<td>Segment 2A</td>
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<td></td>
<td>Pedestrian (near bus stops)</td>
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<td>-</td>
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</tr>
<tr>
<td>Involving buses</td>
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<tr>
<td>Segment 2B</td>
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<td></td>
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<tr>
<td>Involving buses</td>
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<td>-</td>
</tr>
<tr>
<td></td>
<td>Pedestrian (near bus stops)</td>
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<td>●●●</td>
<td>●●</td>
<td>-</td>
</tr>
</tbody>
</table>

Preliminary estimates for potential crash mitigations are based on identifying types of crashes that could be directly impacted by each running way design concept.
The charts below show estimated bus travel time (left) and vehicle travel time (right) for each segment. The travel times are an average of eastbound and westbound directions.

Times are based on a high-level analysis of each busway concept and are intended to provide comparative information to help differentiate the concepts at the segment level.

The project team will conduct additional analyses of end-to-end corridor alternative(s) in future phases of the project.

**BUS TRAVEL TIME CHANGE FROM CURRENT**

Current Corridor Bus Travel Time: 24 Minutes

**TRAFFIC TRAVEL TIME CHANGE FROM CURRENT**

Current Corridor Traffic Travel Time: 12 Minutes

*Curb lane only runs westbound in Segment 3