Fixed-Route Transit and Pedestrian Accessibility Study
Transit-Pedestrian Accessibility Issues

Lack of Connectivity Between Bus Stop and Developments

- Bus Stop in Front of Dillion’s on 23rd Street

Lack of Concrete Pads and Shelters at Major Bus Stops

- Bus Stop on Naismith, south of 23rd Street

Sidewalks in Disrepair or Missing Sidewalk Segments

- Naismith Drive, south of 19th Street

Need for Improved Ped Crossings Near Bus Stops (Mid-Block)

- Ped Crossing Near Bus Stop on 33rd Street
Transit-Pedestrian Accessibility Issues

**Bus Boarding and Alighting**

- **Bus Stop on 33rd Street** (near Kohl’s and Wal-Mart) – No concrete connection between sidewalk and roadway.

- **Bus Stop on 23rd Street** (in front of Dillon’s) – Example of a good connection between sidewalk and roadway.

No Concrete Connection can make boarding the bus difficult.

16’ of Concrete
Transit-Pedestrian Accessibility Issues

Lack of Connectivity Between Bus Stop and Developments

Bus Stop in Front of Dillon’s on 23rd Street

No Sidewalk for Direct Route to Store Entrance
Transit-Pedestrian Accessibility Issues

Current Route – 300’ and many conflict points
Proposed Route – 170’ in marked crossings

- Bus shelter
- Remove one parking spot and mark pedestrian crossing
- Construct Sidewalk

Example of a Direct Sidewalk Connection
Phase 1 Evaluation – Heat Map

Bus Stops Scored using Variables that Impact Pedestrian Accessibility

Draft Figure

This map is based upon a number of variables that are being used to analyze the pedestrian and infrastructure conditions within a 1/8-mile radius of each bus stop. The project team will use this information to identify a select number of bus stops for further analysis in Phase 2. For additional information on the heat map variables please watch the slide show.
Phase 2 Evaluation – Targeted Corridors

The Heat Map was used to identify issues in Targeted Corridors, such as 6th Street.
Phase 2 Evaluation – Targeted Corridors

Naismith Drive
Transit/Ped Issues

<table>
<thead>
<tr>
<th>#</th>
<th>ISSUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Missing crosswalk paint</td>
</tr>
<tr>
<td>14</td>
<td>Inaccessible ped push buttons</td>
</tr>
<tr>
<td>13</td>
<td>Ped push button on back side of pole</td>
</tr>
<tr>
<td>12</td>
<td>K-10 Connector bus stop - no amenities</td>
</tr>
<tr>
<td>11</td>
<td>Bus stops with no amenities</td>
</tr>
<tr>
<td>10</td>
<td>Curb ramp/crosswalk very skewed</td>
</tr>
<tr>
<td>9</td>
<td>Missing sidewalk - dirt path</td>
</tr>
<tr>
<td>8</td>
<td>Curb ramp leads to catch basin</td>
</tr>
<tr>
<td>7</td>
<td>Curb ramp leads to catch basin</td>
</tr>
<tr>
<td>6</td>
<td>Missing crosswalk paint</td>
</tr>
<tr>
<td>5</td>
<td>Bus stops with no amenities</td>
</tr>
<tr>
<td>4</td>
<td>Poor connectivity to commercial area</td>
</tr>
<tr>
<td>3</td>
<td>Missing sidewalk / connection to bus stop</td>
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<tr>
<td>2</td>
<td>Bus stops with no amenities/crossing</td>
</tr>
<tr>
<td>1</td>
<td>Missing sidewalk - dirt path</td>
</tr>
</tbody>
</table>
Recommendations

Construct Sidewalks on Both Sides of Arterials

BEFORE

Naismith Drive, near 24th Street
Recommendations

Construct Sidewalks on Both Sides of Arterials

Naismith Drive, near 24th Street
Recommendations

Enhance Pedestrian Crossings Near Major Bus Stops

BEFORE

Naismith Drive, just south of 23rd Street
Recommendations

Enhance Pedestrian Crossings Near Major Bus Stops

AFTER

Naismith Drive, just south of 23rd Street
Construct ADA Accessible Sidewalks

Naismith Drive, just south of 19th Street
Recommendations

Construct ADA Accessible Sidewalks

After Naismith Drive, just south of 19th Street
Study Coordination

Example of Potential Coordinated Transit and Bikeway Improvements

6th Street (Kentucky to Massachusetts)