# MAPS-MINI DATA DICTIONARY – SEGMENT METHOD

## 1. Data Entry Dictionary: variable names and item-level coding

### Segment

<table>
<thead>
<tr>
<th>Item</th>
<th>Item Content</th>
<th>Coding</th>
</tr>
</thead>
</table>
| S1   | Type         | Residential = 0  
                          Commercial = 1 |
| S2   | How many public parks are present? | 0 = 0  
                          1 = 1  
                          2+ = 2 |
| S3   | How many public transit stops are present? | 0 = 0  
                          1 = 1  
                          2+ = 2 |
| S4   | Are there any benches or places to sit (excluding bus stop benches)? | No = 0  
                          Yes = 1 |
| S5   | Are streetlights installed? | None = 0  
                          Some = 1  
                          Ample = 2 |
| S6   | Are the buildings well-maintained? | 0-99% = 0  
                          100% = 1 |
| S7   | Is graffiti/tagging present (do not count murals)? | No = 1  
                          Yes = 0 |
| S8   | Is there a designated bike path on the route? | No = 0  
                          Painted line = 1  
                          Physical barrier = 2 |
| S9   | Is a sidewalk present? | No = 0  
                          Yes = 1 |
| S10  | Are there poorly maintained sections of the sidewalk that constitute major trip hazards? (e.g., heaves, misalignment, cracks, overgrowth) | No = 1  
                          Yes/no sidewalk = 0 |
| S11  | Is a buffer present? | No/no sidewalk = 0  
                          Yes = 1 |
| S12  | What percentage of the length of the sidewalk/walkway is covered by trees, awnings or other overhead coverage? | 0-25%/no sidewalk or walkway = 0  
                          26-75% = 1  
                          76-100% = 2 |

### Crossing

<table>
<thead>
<tr>
<th>Item</th>
<th>Item Content</th>
<th>Coding</th>
</tr>
</thead>
</table>
| C1_1 | Crossing 1: Is a pedestrian walk signal present? | No = 0  
                          Yes = 1 |
| C1_2 | Crossing 1: Is there a ramp at the curb(s)? | No = 0  
                          Yes, at one = 1  
                          Yes, at both = 2 |
| C1_3 | Crossing 1: Is there a marked crosswalk? | No = 0  
                          Yes = 1 |
## Grand Scores

<table>
<thead>
<tr>
<th>Item</th>
<th>Item Content</th>
<th>Scoring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand_Score</td>
<td>Overall score – sum of all above items.</td>
<td>$S_1 + S_2 + S_3 + S_4 + S_5 + S_6 + S_7 + S_8 + S_9 + S_{10} + S_{11} + S_{12} + C_{1_1} + C_{1_2} + C_{1_3}$</td>
</tr>
<tr>
<td>Grand_Score_Percent</td>
<td>Percent of total possible points</td>
<td>Grand_Score/21</td>
</tr>
</tbody>
</table>