**ADA Barriers**

What follows is a summary and sample of the statewide ADA barrier inventory performed by Michael Baker, Inc. (MBI) on behalf of KYTC. In 2019 and 2020, MBI surveyed the known sidewalk locations with mobile LIDAR to collect ADA related sidewalk ramp, and crosswalk data. From this data, barriers were identified using the following criteria.

|  |  |  |
| --- | --- | --- |
| ADA Barrier | Condition | Instances in Sample |
| Detectable Warnings | Absent | 135 |
| Crosswalk Width | Less than 48 inches | 0 |
| Curb Ramp Running Slop | Not between 5% and 8.3% | 193 |
| Curb Ramp Cross Slope | Greater than 2% | 88 |
| Curb Ramp Flares | Greater than 10% | 4 |
| Curb Ramp Landing Slope | Greater than 2% | 28 |
| Pedestrian Push Button Height | Not between 42 and 48 inches | 41 |
| Sidewalk Width | Clear Width less than 48 inches | 3191 |
| Sidewalk Discontinuity | Discontinuous Slope | 3 |
| Sidewalk Stairs | Stairs Present | 6 |

For each barrier type above there is a sample of the assembled data and an accompanying map to clarify the location data. The balance of the Mount Washington and statewide barrier data will be provided in an appendix as they become available.

Crosswalk WidthTabular Data:

There were no locations where the crosswalk width is less than 48 inches.

Detectable Warning Surface (DWS)Tabular Data:

At the following locations, a detectable warning surface is not present.

|  |  |  |  |
| --- | --- | --- | --- |
| Detectable Warning ID | Route | MP | Detectable Warning Surface |
| 30 | 015-KY-2673 | 0.4 | Not Present |
| 229 | 015-KY-2673 | 0.4 | Not Present |
| 236 | 015-KY-2673 | 0.4 | Not Present |
| 262 | 015-KY-2673 | 0.4 | Not Present |

A view of a city street

Description automatically generated

Curb Ramp Running Slope Tabular Data:

At the following locations, the curb ramp running slope is either below 5% or above 8.3%.

|  |  |  |  |
| --- | --- | --- | --- |
| Running Slope ID | Route | MP | Running Slope |
| 142 | 015-KY-0061 | 14.3 | 4.1% |
| 144 | 015-KY-0061 | 14.3 | 1.5% |
| 241 | 015-KY-0061 | 14.3 | 12.3% |
| 242 | 015-KY-0061 | 14.3 | 1.5% |

A picture containing toy, truck, sitting, street

Description automatically generated

Curb Ramp Cross Slope Tabular Data:

At the following locations, the Curb Ramp Cross Slope exceeds 2%

|  |  |  |  |
| --- | --- | --- | --- |
| CR Cross Slope ID | Route | MP | Running Slope |
| 169 | 015-KY-0480C | 0.3 | 2.2% |
| 221 | 015-KY-0480C | 0.3 | 5.6% |

A picture containing outdoor, street, building, light

Description automatically generated

Curb Ramp Flares Tabular Data:

At the following locations, the Curb Ramp Flare exceeds 10%.

|  |  |  |  |
| --- | --- | --- | --- |
| Ramp Flare ID | Route | MP | Running Slope |
| 27 | 015-US-0031EX | 0.68 | 12.1% |
| 49 | 015-US-0031EX | 0.68 | 10.2% |

A picture containing building, truck, sign, man

Description automatically generated

Curb Ramp Landing Slope:

At the following locations, the Curb Ramp Landing Slope exceeds 2%.

|  |  |  |  |
| --- | --- | --- | --- |
| Landing Slope ID | Route | MP | Landing Slope |
| 96 | 015-KY-434 | 1.8 | 4.5% |
| 103 | 015-KY-434 | 1.8 | 8.4% |

A picture containing sitting, engine, truck, display

Description automatically generated

Pedestrian Push Button Height:

At the following locations, the pedestrian push button is not between 42 and 48 inches.

|  |  |  |  |
| --- | --- | --- | --- |
| Ped. Button ID | Route | MP | Button Height |
| 1 | 015-US-31EX | 1.6 | 36.2 |
| 2 | 015-US-31EX | 1.6 | 32.7 |

A picture containing indoor, sitting, computer, equipment

Description automatically generated

Sidewalk Width:

At the following locations, the Sidewalk Width is less than 48 inches.

|  |  |  |  |
| --- | --- | --- | --- |
| SW Width ID | Route | MP | Width (in) |
| 4 | 015-KY-0044 | 23.4 | 33.4 |
| 3 | 015-KY-0044 | 23.4 | 34.6 |
| 5 | 015-KY-0044 | 23.4 | 32.0 |
| 1 | 015-KY-0044 | 23.4 | 35.2 |
| 2 | 015-KY-0044 | 23.4 | 34.7 |
| 7 | 015-KY-0044 | 23.4 | 31.6 |
| 6 | 015-KY-0044 | 23.4 | 32.0 |
| 8 | 015-KY-0044 | 23.4 | 31.6 |

A picture containing plane, man, airplane, game

Description automatically generated

Sidewalk Discontinuity:

The following location has a sidewalk discontinuity.

|  |  |  |  |
| --- | --- | --- | --- |
| SW Obstruct ID | Route | MP | Obstruction |
| 38 | 015-KY-0044 | 12.7 | Cement Lifted |

A picture containing road, car, sitting, truck

Description automatically generated

Sidewalk Stairs:

At the following locations, there is a sidewalk obstruction due to stairs along the sidewalk.

|  |  |  |  |
| --- | --- | --- | --- |
| SW Stairs ID | Route | MP | Obstruction |
| 2 | 015-KY-0044 | 13.5 | Stairs |
| 3 | 015-KY-0044 | 13.5 | Stairs |
| 4 | 015-KY-0044 | 13.5 | Stairs |
| 1 | 015-KY-0044 | 13.5 | Stairs |

A circuit board

Description automatically generated