



Pedestrian Accessibility Scan – Site Visits

Overview

To better understand the real-world conditions of the identified roadway segments for the Pedestrian Accessibility Scan, site visits were conducted during both clear-weather and winter weather conditions to identify attributes of the roadway corridors that contribute to or detract from pedestrian connectivity, accessibility, safety, and comfort. The roadway segments analyzed included:

- Elmwood Avenue, from Hollywood Avenue to Continental Drive (0.34 miles)
- Monroe Avenue, from Hollywood Avenue/Rhinecliff Drive to Continental Drive (0.31 miles)
- Winton Road, from Greenwich Lane to Varinna Drive (0.29 miles)
- Chili Avenue, from Paul Road to Old Scottsville Chili Road (0.54 miles)
- Empire Boulevard from Culver Road to Helendale Road in Irondequoit (0.60 miles)
- Empire Boulevard from Smith Road to Brandt Point Drive in Penfield (0.52 miles)
- Empire Boulevard / Gravel Road from Kirkland Drive to Ridge Road in Webster (0.72 miles)

Each of these segments are described regarding the presence or absence of sidewalks, surface conditions, maintenance concerns, and other factors contributing to the comfort or discomfort of a pedestrian traveling along these segments.

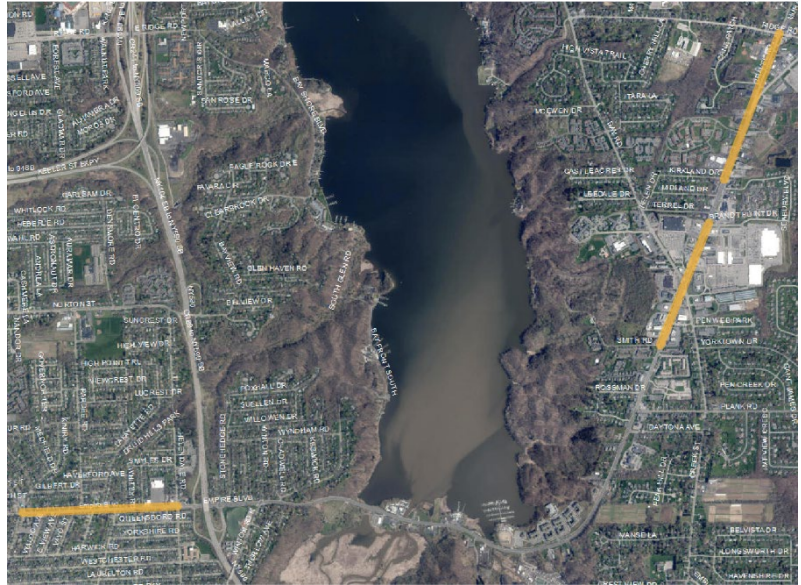
Clear conditions were assessed to develop a baseline understanding of the pedestrian environment along each corridor. Following this assessment, the project team assessed the same roadway segments following winter weather conditions to analyze the presence and quality of snow removal efforts, and to identify opportunities for improvement to ensure safe and accessible pedestrian travel along these roadway corridors during the winter months.



Segment Maps



Brighton Roadway Segments



Empire Boulevard Roadway Segments



Chili Avenue Segment



Elmwood Avenue – Hollywood Avenue to Continental Drive, Brighton, NY

Clear Conditions

Date: December 19, 2022

Time: 2:00 – 4:00 PM

Weather: 32° F, Cloudy

Notes:

- **Elmwood Avenue, south side, between Monroe Avenue and Continental Drive:**
 - Pavement condition is generally good. Minimal buffer space/snow storage space.
 - A few slabs in vicinity of Exxon station have heaved more than 0.5" (ADA non-compliant)
- **Twelve Corners intersections:**
 - No Leading Pedestrian Intervals (LPis) observed at any of the crossings.
- **Elmwood Avenue and Hollywood Avenue Intersection:**
 - Push buttons and countdown signals are present.
 - Ice and debris have accumulated at curb ramps, reducing accessibility.
 - Tactile warning strips are in poor condition.
 - Crosswalk markings and stop bars across Elmwood Avenue are in poor condition.



Sidewalk Surface Condition near Buckland Creek



Elmwood Avenue and Hollywood Avenue Intersection



Elmwood Avenue – Hollywood Avenue to Continental Drive, Brighton, NY

Winter Conditions

Date: March 4, 2023

Time: 1:00 – 2:30 PM

Weather: 35° F, Cloudy | 4" +/- wet snowfall from 3/3 7:00 PM – 3/4 7:00 AM

Notes:

- **2700 Elmwood Avenue:**
 - 75% +/- cleared. Uncleared snow presents an obstacle for wheelchair users.



2700 Elmwood Avenue

- **Elmwood & Monroe, northeast corner:**
 - Crosswalk ramp is partially blocked. Ponding is present, and could result in icing problems.



- **Northside of Elmwood, west of Winton Rd:**
 - Sidewalks 50-60% +/- cleared, 1" +/- of slushy material is a challenge for lower mobility levels.
- Residential driveway east of Hollywood is not cleared, blocking passage on Elmwood sidewalk.
- Elmwood & Hollywood intersection: poor conditions on southeast corner: 6" plus snow blocking curb ramps, poor drainage, and some standing water. Impassable for lower mobility levels.



Residential Driveway on Elmwood east of Hollywood Elmwood & Hollywood Intersection

- Fire Station # 2: Driveway has been cleared, but plowed snow creates barriers to passage on Elmwood Ave sidewalk.
- South side sidewalk by Middle School: poor drainage and road splash onto sidewalk (insufficient buffer zone and snow storage space.)



Fire Station #2

Ponding at 12 Corners



Monroe Avenue – Hollywood Avenue / Rhinecliff Drive to Continental Drive, Brighton, NY

Clear Conditions

Date: December 19, 2022

Time: 2:00 – 4:00 PM

Weather: 32° F, Cloudy

Notes:

- Sidewalk pavement is in generally good condition.
- Sidewalks adjacent to curbs (no buffer zone or snow storage space).
- Four lanes of traffic with high volumes (9,617 – 10,321 vehicles daily on average based on 2019/2020 counts)
- Note pedestrian light post missing a lamp.
- North side of Elmwood, Bus stop shelter at 12 Corners, snow plowed from sidewalk is obstructing access into the shelter
- Turning radius at Monroe Avenue and Rhinecliff Drive creates a long crossing distance (approximately 60 feet) for pedestrians
- Land use impacts on Walkability around 12 Corners:
 - Two Gas stations in this area have 40-50 foot curb cuts and high-volume vehicle circulation
- Note: Pervious concrete installed along Monroe Avenue shows less icing than standard concrete sidewalks.



Sidewalk adjacent to roadway



60-foot crossing distance at Rhinecliff Drive



Monroe Avenue – Hollywood Avenue / Rhinecliff Drive to Continental Drive, Brighton, NY

Winter Conditions

Date: March 4, 2023

Time: 1:00 – 2:30 PM

Weather: 35° F, Cloudy | 4" +/- wet snowfall from 3/3 7:00 PM – 3/4 7:00 AM

Notes:

- **East side of Monroe Ave. at Sunoco gas station:**
 - Sidewalk 90% +/- covered by 2"+ of snow.
- **Monroe Ave, from Hollywood Ave/Rhinecliff Dr to Continental Dr:**
 - Sidewalks 75% +/- covered by 2"+ of snow and slush.
 - Ponding on roadway present resulting in road spray onto sidewalk in several locations.



Plowed snow blocking sidewalk at Sunoco Gas Station



Unplowed Sidewalk on east side of Monroe north of Twelve Corners



Unplowed sidewalk on the west side of Monroe Avenue north of Twelve Corners



Clear permeable pavement on side path along Monroe Avenue at Twelve Corners Middle School

NOTE: Permeable concrete sidewalks, west side of Monroe at Middle School, are in very good condition and completely free of snow and standing water. Minimal or no salt was observed along this section of sidewalk.



Winton Road – Greenwich Lane to Varinna Drive, Brighton, NY

Clear Conditions

Date: December 19, 2022

Time: 2:00 – 4:00 PM

Weather: 32° F, Cloudy

Notes:

- **Signalized crossing south of Greenwich Lane (at Brighton High School):**
 - Generally good conditions.
 - Some ice build-up at curb ramps.
 - Tactile warning strip on east side of Winton Road is in poor condition.
 - Consistent installation of cast iron tactile warning strips is recommended.
- **Winton Road & Elmwood Avenue Intersection:**
 - Generally good conditions.
 - Audible crossing signals are present at Winton Road & Elmwood Avenue, but are not consistent around Twelve Corners intersections.
- **Winton Road & Monroe Avenue Intersection:**
 - Pedestrian signals are present, but there are not countdown timers or Accessible Pedestrian Signals.
 - RTS bus stop at this intersection has a shelter with benches and adequate concrete snow storage area.
- **Winton Road, between Chelmsford Road and Varinna Drive**
 - Tree lawn is present which provides some spatial buffer for pedestrians
 - No street trees are present.
 - Ponding is present at curb ramp at Winton Road and Penarrow Road and could result in icing problems .



Bus Stop at Winton Road & Monroe Avenue



Tree Lawn on Winton Road with no street trees



Winton Road – Greenwich Lane to Varinna Drive, Brighton, NY

Winter Conditions

Date: March 4, 2023

Time: 1:00 – 2:30 PM

Weather: 35° F, Cloudy | 4" +/- wet snowfall from 3/3 7:00 PM – 3/4 7:00 AM

Notes:

- **Winton Rd., west side, south of firehouse: Sidewalk is less than 50% +/- cleared.**
 - Only a narrow footpath is walkable, not ADA compliant.
- **1037 Winton, Kessler Center:**
 - Sidewalks 50-60% +/- cleared, not ADA compliant.
- **Winton Rd, east sidewalks, adjacent to Middle School:**
 - 2"+ snow and slush, potential icing
- **Winton Rd.,east side, crossing Elmwood:**
 - Snow pile from plowing blocking more than 50% +/- of crosswalk.
 - Access to pedestrian button is blocked.
- **Winton & Chelmsford:**
 - Sidewalks more than 50% +/- blocked by slush and snow.
 - Ponding from poor drainage evident at both sidewalk ramps.
- **Winton & Penarrow Rd:**
 - Poor conditions at both sidewalk ramps
 - More than 50% +/- blocked by snow, slush and standing water.



Partially cleared sidewalk at Buckland Creek



Snow obstructing sidewalk ramps at Penarrow Road



- NOTE: Pristine conditions of some commercial parking lots, but adjacent sidewalks are often impassable. Inequity between snow clearing for vehicles vs. snow clearing for pedestrians. Vehicle plowing is sometimes pushing snow onto sidewalks, obstructing pedestrian access and mobility.
- **Winton & Elmwood, northwest corner:**
 - Sidewalk block by 12" + of plowed snow.
 - Impassable for wheelchairs or anyone with less than full mobility.



Partially cleared sidewalk on west side of Winton Avenue.



Chili Avenue – Chili Avenue, from Paul Road to Old Scottsville Chili Road

Clear Conditions

Date: December 15, 2022

Time: 11:00 AM – 1:00 PM

Weather: 35° F, Cloudy / Rain

Notes:

- The sidewalks were icing over due to freezing rain.
- Sidewalks became part of driveways, creating a sloped surface for pedestrians.
- Cars were observed stopping close to pedestrian crosswalk line. A stop bar was present.
- There is a bus station with a shelter, and two without a covered shelter.
- Curb ramps were generally in good condition.
- Crosswalk markings were generally in good condition.
- Pedestrian signals were generally in good condition.
- Pedestrian push buttons were in working condition.
- Sidewalks were generally in good condition.



Sidewalk on South Side of Chili Avenue



Sidewalk along driveway



Pooling water at curb ramp



Pedestrian Access to a commercial area not along the roadway and path is within a private development



Sidewalk access within a private development



Crosswalk across Route 33 looking east



Pedestrian waiting at a bus stop



South Sidewalk



Crosswalk across slip lane to pedestrian island



Concrete driveway with multiple access lanes



Chili Avenue – Chili Avenue, from Paul Road to Old Scottsville Chili Road

Winter Conditions

Date: March 11, 2023

Time: 5:00 PM – 6:00 PM

Weather: 34° F, Cloudy | 3-5 +/- snowfall overnight

Notes:

- The walkways were cleared of snow, but small portions of the sidewalks had slushy snow, especially near the curbs.
- Commercial driveways were cleared of snow.
- Walkway have been plowed within 12 hours after snowfalls; snow piles accumulated near the crossing and block the access to the pedestrian push buttons.
- Curb ramps were generally in fair condition (some slushy snow accumulations).
- Crosswalk markings were generally in good condition.
- Pedestrian signals were in working condition.
- Sidewalks were generally in good condition.



Snow block the access to the signal button and the curb ramp



Snow clearing missed the curb ramp



Sidepath within a private development to the Target plaza was cleared.



Empire Boulevard – Culver Road to Helendale Road, Irondequoit, NY

Clear Conditions

Date: December 19, 2022

Time: 1:00 – 2:00 PM

Weather: 32° F, Cloudy

Notes:

- There is an Accessible Pedestrian Crossing with voice assistance at the intersection of Empire and Helendale.
- The detectible warning strips are beginning to degrade at the Helendale intersection.
- The sidewalks were recently constructed, and are in excellent condition.
- There is very little cracking or heaving along this segment.
- Crosswalk striping is not present on side street approaches with stop control.
- There are some young street trees along the corridor (newly planted with roadway conversion project).
- Vehicle traffic is heavy (11,978 vehicles daily on average based on 2019 counts)
- There is a tree lawn buffer between pedestrian traffic and the roadway.
- There is a pedestrian signal at the Culver Road intersection.
- The parking lot at Dan's Crafts & Things directly abuts Empire Boulevard. The parking is continuous along the roadway, and there is a 144 foot curb cut.



Crossing at Helendale Road



Excellent pavement condition and new street trees



Residential street intersection



Intersection with Culver Road



Bus Stop at Shelford Road is not ADA accessible.



Dans Craft and Things Parking Area



Empire Boulevard – Smith Road to Brandt Point Drive, Penfield, NY

Clear Conditions

Date: December 19, 2022

Time: 2:00 – 3:00 PM

Weather: 32° F, Cloudy

Notes:

- There is some debris and the detectable warning strip is beginning to degrade at Brandt Point Drive and at the Wegmans Driveway.
- There is a pedestrian signal with voice assistance at the crosswalk at the intersections Wegmans driveway, and at Creek Street / Bay Road.
- There are 30 curb cuts along this segment
- A sidewalk is not present in front of the Laser Wash Car Wash. There are two curb cuts, both approximately 40 feet in width.
- The traffic volumes are high in this location (19,593 – 21,091 vehicles daily on average based on 2020 counts) and buffering from the roadway varies from 0 to 8 feet.
- There is a 30 second crossing time at the Creek Street / Bay Street intersection.
- There is some minimal cracking on the sidewalk, but the surfacing is generally in good condition for the entirety of this roadway segment.
- The sidewalk is adjacent to the roadway on the east side of Empire between the main access drive to BayTowne Plaza and Creek Street.
- The bus stop on the east side of Empire Boulevard between Creek Street and Brandt Point Drive is not ADA accessible, and there was a shopping cart left at the bus stop.



Crossing at Brandt Point Drive



Detectable Warning Strip at the Wegmans Driveway



Laser Cash Car Wash – No sidewalks present



No crosswalk striping at Dollar Tree curb cut



Some cracking on sidewalk



Bus stop



Empire Boulevard/Gravel Road – Kirkland Drive to Ridge Road, Webster, NY

Clear Conditions

Date: December 21, 2022

Time: 9:00 – 10:00 AM

Weather: 36° F, Sunny

Notes:

- The roadway name changes from Empire Boulevard (Southern portion) to Gravel Road (Northern portion)
- There is no sidewalk present on Empire or Gravel, aside from at Innovative Dental Health and Wellness on the west side, and in front of the UR Medicine Urgent Care on the east side.
- There is a narrow asphalt path on the east side of Gravel Road heading south from Ridge Road, which ends after a short length.
- There is a 1-2 foot shoulder following the asphalt path on the east side of Gravel Road.
- There is an 8- 10 foot shoulder for the majority of the segment on the west side of the Empire Blvd and Gravel Road between Kirkland Drive and Cane Patch.
- The shoulder narrows to three feet as Gravel Road approaches Ridge Road and drainage grates and potholes are present in the shoulder.
- The West Webster Fire Hall on Gravel Road does not have sidewalks and has a large parking area with no controlled access points.
- There is no crossing infrastructure at the Ridge Road and Gravel Road intersection.
- Several pedestrians were observed crossing the roadway at uncontrolled locations between Ridge Road and Kirkland Drive on Empire Boulevard.



Shoulder on the west side of Empire



Sidewalk in front of Innovative Dental Health & Wellness



Driveway at the Fire Hall on Gravel Road



Shoulder on Gravel Road approaching Ridge Road



Asphalt path on east side of Gravel Road



Shoulder on east side of Gravel Road