

**DOWNTOWN AREA**

Project Number	Issue	Enhancement	Project Limits	Notes	Project Type
1	Long crossings/limited visibility of pedestrians	Install curb extensions to reduce the length of crossing for pedestrians	Main Street crossings from Lincoln Street to Post Office/Unitarian Universalist Church of Wakefield	Lincoln Street Princess Street Albion Street Center Street Avon Street Between Post Office/Unitarian Universalist Church of Wakefield	P8. Curb extensions at pedestrian crossings
2	Long crossings/limited visibility of pedestrians	Install curb extensions to reduce the length of crossing for pedestrians	North Avenue crossings between Chestnut Street and Albion Street		P8. Curb extensions at pedestrian crossings
3	Long crossings/limited visibility of pedestrians	Install curb extensions to reduce the length of crossing for pedestrians	Main Street between Armory Street and Bennett Street	North of Richardson Street Richardson Street Bennett Street	P8. Curb extensions at pedestrian crossings
4	Long crossings for pedestrians	Install pedestrian median refuge	Main Street crossings from Lincoln Street to Post Office/Unitarian Universalist Church of Wakefield, Main Street between Armory Street and North Avenue/Nahant Street	Unsignalized crosswalks	P7. Pedestrian Refuge Islands
5	Narrow sidewalks around Lake Quannapowitt	Widen sidewalks/ provide shared use path to avoid users using roadway	Around Lake Quannapowitt		P10. Widening Existing Sidewalks B10. New Shared Use Paths
6	Lack of bicycle accommodations	Install sharrows to warn drivers to share the road with bicyclists	Main Street, North Avenue, Albion Street		B8. Shared Lane Markings (sharrows)
7	Lack of bicycle accommodations	Provide separated bike lanes for bicyclists	Main Street		B11. Designated Separated Bicycle Lane
8	Insufficient lighting for pedestrians	Upgrade/install additional lighting	Around Lake Quannapowitt	Upgrade existing lighting to LED	S9. Street Lighting
9	Lack of continuation for sidewalks	Install sidewalk/Provide crosswalk	Main Street - Continue sidewalk from 64 Main Street to 80 Main Street - Continue sidewalk from 82 to 2 Lakeshore Drive (east side) North Avenue - Continue sidewalk from Broadway Street to just south of Galvin Middle School (west side) - Provide crosswalk at North Avenue at Broadway - Continue sidewalk from Church Street to Town of Wakefield Municipal Gas and Light Department (west side) - Continue sidewalk from 526 North Avenue to Quannapowitt Parkway (west side)		P5. Providing new sidewalks
10	Lack of wayfinding from Lake Quannapowitt to Downtown	Install wayfinding signs	- Around Veterans Field to Downtown via North Avenue - Around Lower Common area (both ends of the path) to Downtown via Main Street		P4. Pedestrian wayfinding signs
11	Ensure sufficient pedestrian clearance times are provided	Update pedestrian timings along Main Street/ North Avenue	Downtown Area: - Main Street at Salem Street - Main Street at West Water Street - Main Street at North Avenue - North Avenue at Albion Street - North Avenue at Church Street Greenwood Area: - Main Street at Oak Street - Main Street at Pitman Ave		S3. Pedestrian signal and timing (minor updates)
12	Lack of bicycle accommodations	Construct parklets for bike parking areas	Albion Street, between North Avenue and Main Street		B4. On street-bicycle parking
13	Heaving along sidewalks	Repair heaving sections	Main Street: - between Common Street and North Avenue - between Forest Street and Hanson Street Albion Street Northern Avenue: - between Church Street and Main Street		P1. Sidewalk repairs (tree roots, uplifted panel, etc.)
14	Lack of pedestrian accommodations	Construct bump outs/crosswalks	Albion Street, between North Avenue and Main Street		P8. Curb extensions at pedestrian crossings

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15	Lack of bicycle accommodations	Install bike share stations	Lake Quannapowitt/ Rail to Trail/ Vets Field/ Water and Main Street Parking Lot		
16	Antiquated Signals	Replace with new signals	North Avenue at Linda Road		S16. Intersection signalization (major updates/ upgrades & new installation)
17	Non-ADA compliant curb ramps/ signals	Install APS/ADA signals & curb ramps	North Street at Main Street		P2. Providing ADA/AAB compliant curb ramps P12. New or improved crossing treatments at intersections, midblock, etc. including RRFB's and HAWK signals
18	Non ADA pedestrian push buttons	Replace with ADA push buttons	- Main Street at Quannapowitt Parkway - Albion Street at Broadway - Water Street at Farm Street - Main Street at Church Street		P12. New or improved crossing treatments at intersections, midblock, etc. including RRFB's and HAWK signals
19	Congestion	Adaptive Traffic Control System	Water Street at Main Street/ Crescent Street/Vernon Street/Columbia Road		
20	Pedestrian crossing while vehicles RTOR	No Turn or Red (light up indication when pedestrian phase is activated) Concurrent pedestrian phase Protected right turn arrow	North Street at Church Street		SO. Traffic & Safety - Other

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<b>GREENWOOD AREA (FOREST STREET TO HUMPHREY STREET)</b>					
21	Non-ADA compliant curb ramps	Upgrade existing curb ramps to current ADA standards	Crossing just north of Forest Street Main Street at Oak Street (lack DWP) Crossing at Greenwood School (lack of curb ramps/DWP) Main Street at Pitman Street (lack of curb ramps/DWP for crossings) North of Main Street at Hanson Street (lack of curb ramps/DWP at curb ramps)		P2. Providing ADA/AAB compliant curb ramps P3. Detectable warning surfaces
22	Crossings lead into driveways	Relocate existing crossings	Crossing at Greenwood School Northern crossing at Main Street/Pitman Street intersection		P9. Crosswalks
23	Long pedestrian crossings	Install pedestrian refuge or bumpouts to shorten crossing	Intersection of Gould Street/Murray Street/Albion Street		P7. Pedestrian refuge islands P8. Curb extensions at pedestrian crossings
24	Pedestrian corridor enhancements	Improvements such as widen sidewalks, formalize business driveway access	Main Street, from Forest Street to Hanson Street		
25	Lack of continuation for sidewalks	Install sidewalk/Provide crosswalk	Continue sidewalk: - 850 Main Street, northerly to Green Street (east side) Provide sidewalk: - Main Street at Humphrey Street (bus stops are present)		P5. Providing new sidewalks P9. Crosswalks
26	Accessibility issue (lack of curb ramps or landings) at bus stops	Install landing and clearance area, curb ramps	Main Street at Forest Street Main Street at Greenwood Plaza Main Street at Pitman Street Main Street at Hanson Street Main Street at Humphrey Street		T1. Improving transit connections for pedestrians, including: ramps, providing and/or moving crosswalks, signing
27	Speeds along Greenwood Area	Install speed feedback sign	North of Forest Street?		S5. Radar speed feedback ("Your speed") signs
28	Speeds along Greenwood Area	Paint fog lines, parking stalls to narrow drivers perception of roadway width	Main Street, between Forest Street and Humphrey Street		S17. Traffic calming measures
29	Visibility of crossings	Install in-street pedestrian crossing signs at road centerline within crosswalks	Greenwood Elementary School crosswalk Most Blessed Sacrament Parish		S7. Additional regulatory signing (for existing regulations)
30	Speeds along Greenwood Area	Install curb extensions	North side of Main Street/Forest Street Main Street/ Hanson Street Main Street at Humphrey Street		S17. Traffic calming measures P8. Curb extensions at pedestrian crossings
31	Long distance between crossings	Install new crossings	Morell Circle Grafton Street Hanson Street Humphrey Street Greenwood Avenue - a second crosswalk leading to Greenwood Elementary School just north of the bus/car drop-off zone		P9. Crosswalks
32	Faded crossings	Repaint/Resurface crosswalks	Main Street/ Greenwood Street/ Oak Street Pitman Avenue		P9. Crosswalks

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33	Large curb radii can promote vehicles turning at higher speeds	Reduce curb radii/ install curb extensions	Main Street at Forest Street Main Street at Oak Street Dockside restaurant parking lot		S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances
34	Crosswalk lack pedestrian signal	Install/upgrade existing pedestrian signal equipment	Northern crosswalk at Main Street/ Pitman Street is missing pedestrian signals heads		P12. New or improved crossing treatments at intersection, midblock, etc. including RRFBs and HAWK signals
35	Geometry and size of intersection makes it difficult for pedestrians to predict vehicular traffic patterns	Install traffic island that would assist in defining traffic flows and function as pedestrian refuge	Green Street/ Oak Street/ Greenwood Avenue		S13. Intersection reconstruction - reducing complexity and crossing distance
36	Geometry and size of intersection makes it difficult for pedestrians to predict vehicular traffic patterns	Provide pavement markings and rumble strips to help regularize traffic flows	Green Street/ Oak Street/ Greenwood Avenue		S13. Intersection reconstruction - reducing complexity and crossing distance
37	Geometry and size of intersection makes it difficult for pedestrians to predict vehicular traffic patterns	Eliminate right turns from Oak Street into Greenwood Avenue running east to minimize pavement & extend curb to improve sightlines	Green Street/ Oak Street/ Greenwood Avenue		S13. Intersection reconstruction - reducing complexity and crossing distance
38	Lack of Wayfinding for Greenwood MBTA commuter rail stop	Install wayfinding signs	South of Main Street/Oak Street North of Main Street/ Forest Street Just prior to The Savings Bank		P4. Pedestrian wayfinding signs

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<b>OTHER AREAS</b>					
39	Lack of sidewalks/repair existing sidewalks	Repair heaving sections?/ Install new sidewalks	Greenwood Avenue, between Oak Street and Maple Way - New sidewalk (south side) - Repair heaving sections (north side)		P1. Sidewalk repiars (tree roots, uplifted panels, etc.) P5. Providing new sidewalks
40	Lack of sidewalks/repair existing sidewalks	Repair heaving sections?/ Install new sidewalks	Maple Way - New sidewalk, between Greenwood Ave and Mapleway Playground - Repair heaving sections, between Greenwood Ave and Oak Street - Sidewalk continuation at 113 Greenwood Ave (east side)		P1. Sidewalk repiars (tree roots, uplifted panels, etc.) P5. Providing new sidewalks
41	Lack of sidewalks	Install new sidewalks	Water Street, between Saugus Town Line and Montrose Avenue (north side)		P5. Providing new sidewalks
42	Antiquated Signals	Upgrade/replace existing signals	Main Street at Oak Street		S16. Intersection signalization (major updates/ upgrades & new installation)
43	Missing Sidewalk Connection	Install sidewalks	65-69 Cedar Street		P5. Providing new sidewalks
44	Missing Sidewalk Connection	Install sidewalks	88 Gould Street		P5. Providing new sidewalks
45	Missing Sidewalk Connection	Install sidewalks	344 Albion Street to Albion Street/Broadway intersection		P5. Providing new sidewalks
46	Missing Sidewalk Connection	Install sidewalks	Main Street, from Cordis Street to Lowell Street		P5. Providing new sidewalks
47	Missing Sidewalk Connection	Install sidewalks	Broadway, from Albion Street intersection (three houses, right across the street from the Doyle School)		P5. Providing new sidewalks
48	Missing Sidewalk Connection	Install sidewalks	Cordis Street, #51 - #69		P5. Providing new sidewalks
49	Missing Sidewalk Connection	Install sidewalks	Elm Street, #42 - #44		P5. Providing new sidewalks
50	Missing Sidewalk Connection	Install sidewalks	North Avenue, Cutter Street to Winn Street		P5. Providing new sidewalks
51	Missing Sidewalk Connection	Install sidewalks	Vernon Street (east side), from Sesame Street to #365 Vernon Street		P5. Providing new sidewalks