

Belmont: Revised_Potential_Projects_WB commentsFINAL - Aug 2019.xlsx

Project Limits		Issue	Enhancement	Project Type	Cost Estimate	WalkBoston Comments
Sidewalks	Dante Avenue between Beech Street & Maple Terrace	Sidewalks lack curbing, which will allow vehicles to park on sidewalks, obstructing pedestrian pathways.	Install curbing along Dante Avenue to discourage parking that can obstruct pedestrian path. Consider replacement of sidewalks.	S14. New Curbing or edging on uncurbed streets	X	Currently a two-way road with on-street parking. Curbing would make the road too narrow (18ft now) for two-way traffic and on-street parking. May need to eliminate parking from one side of the street. Curbing would also be expensive. Focus on sidewalk improvements on Dante, not adding curbing.
Sidewalks	Sycamore Street	Sidewalks not safe, need to be repaved Sidewalks lack curbing	Construct sidewalks and install curbing	P5. Providing new sidewalks S14. New Curbing or edging on uncurbed streets		Some sections of sidewalk are in need of repair and curbing, not all. Sidewalk on Sycamore behind Butler looks new - at least on one side of the street.
Sidewalks	Irving Street	No sidewalks or crosswalks at many locations. A walk to school route	Sidewalk Construction, crosswalks	P5. Providing new sidewalks P9. Crosswalks		Agree with this enhancement. Narrow right of way in some sections may require parking to be allowed on only one side of the street.
Sidewalks	Maple Terrace (across from 13 Maple Terrace)	Lack of sidewalk connection	Install sidewalks	P5. Providing new sidewalks	X	Is there enough width in the right of way to add a second sidewalk and curb on the south side? Is this a major student walking route and/or parent drop-off area (unofficial). Seems like a low volume street that may not need sidewalks on both sides.
Sidewalks	Maple Terrace (south side)	Lack of curbing along south side of Maple Terrace	Install curbing to prevent vehicles from parking on the sidewalk and obstructing pedestrian pathways.	S14. New Curbing or edging on uncurbed streets	X	see note above
Traffic Calming	Maple Street Trapelo Road to Belmont Street	Speeds along Maple Street	Install speed feedback signs/Install speed humps/speed tables/RRFB	S5. Radar speed feedback ("Your Speed") signs S8. Speed humps/speed tables P12. New or improved crossing treatments at intersections, midblock, etc. including RRFB's and HAWK signals		Observed high vehicular speeds on this road. Also consider lane markings to designate on-street-parking lanes to narrow travel lanes.
Sidewalks	Hawthorne Street & Irving Street (SW & SE corner)	Lack of sidewalk connection	Install sidewalks and crosswalks to continue pedestrian connection between Hawthorne Street, Irving Street, and Waverly Street	P5. Providing new sidewalks P9. Crosswalks	X	Agree with this enhancement.
Sidewalks	Horace Road (North) between Brettwood and Slade	Lack of curbing/ definition of sidewalk	Provide curbing to define sidewalk area along Horace Road (north side) and to prohibit parking on sidewalks	S14. New Curbing or edging on uncurbed streets	X	Agree with this enhancement.
Crosswalks	Upland Road at Gilbert Road & Upland Road/Slate Street	Lack of pedestrian crossings	Provide crossings at the intersections	P9. Crosswalks	X	Agree with this enhancement. We also suggest tightening the curb radii/extending curb. Neighbors on this street mentioned turning speed as an issue.
Signal	Waverly Street & Beech Street	Antiquated pedestrian signals	Upgrade pedestrian signals	P11. Accessible pedestrian signals		Agree with this enhancement. Exclusive walk phase. One walk signal did not work.
Sidewalks	Wilson Avenue between Beech Street and Flett Road	Lack of curbing along both sides of Wilson Avenue; Lack of sidewalk continuity on south side of Wilson Avenue to Flett Road	Install curbing along both sides of Wilson Avenue to prevent vehicles from parking on sidewalks and obstructing pedestrian pathways. Install sidewalks east of 43/45 Wilson to complete sidewalk connections	S14. New Curbing or edging on uncurbed streets P5. Providing new sidewalks	X	Too narrow for two way traffic and on-street parking if a curb is added. Would need to become one side parking with one travel lane if curbed. We observed many cars blocking the sidewalk on Wilson. We suggest a focus on sidewalk improvements before curbing.
Crosswalks	Gale Road & Richardson Street	Long crossing distance	Install curb extensions/reduce curb radii to shorten crossing distance across Richardson Road	S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances P8. Curb extensions at pedestrian crossings	X	Crossing distances are not exceedingly long to require curb extensions. However, curb ramps are missing detectable warning panels at this intersection.
Crosswalks	Gale Road & Watson Road (across from Gale Road)	Lack of crossing; crossing distance can be reduced	Provide crosswalk across Gale Road; Install curb extensions/reduce curb radii at existing crosswalk locations	P9. Crosswalks S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances P8. Curb extensions at pedestrian crossings	X	A crosswalk across Gale Road and curb radii extensions would be beneficial here. This intersection could also use curb ramps and detectable warning panels.
Crosswalks	Washington at Dalton	Lack of signage in crosswalk	Install pedestrian crossing indicators	S7. Additional regulatory signing (for existing regulations)		Agree with this enhancement.
Traffic Calming	Goden Street & School Street; Orchard Street & School Street -	Offset intersection geometry/ stop control sign on westbound School Street located at the approach of Goden Street. Address long crossings at School and Orchard Streets	Realign Goden Street; Relocate stop sign location Install curb extensions/ reduce curb radii to reduce crossing distance	S13. Intersection reconstruction - reducing complexity and crossing distance S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances P8. Curb extensions at pedestrian crossings	X	Goden Street & School Street: How does the Town propose to offset the geometry of Goden Street? The stop sign on School Street should be relocated to align with either the southern or northern corner of Goden Street. Also, drivers seem to roll through and ignore the stop sign on the northern section of the intersection, perhaps because visibility is low at the northern edge of the intersection. Tree roots break through the sidewalk surrounding this intersection, causing the sidewalks to heave. Orchard & School Street: Crossings are long and a curb extension makes sense. Install walk signage for southbound traffic/north of the intersection.
Traffic Calming	Washington Street/ Dalton Road/Sharpe Road	Speed issue	Provide raised crosswalks along Washington St	S8. Speed humps/speed tables		Agree with the speed issue, and that the intersection could benefit from raised crosswalks. There is currently also one crosswalk missing.
Crosswalks	Washington Street (East of Washington)/ Dalton Road intersection	Lack of crossing	Provide crossing on the east side	P9. Crosswalks	X	Yes, curb ramp will also need to be adjusted
Sidewalks	Chilton Street between Dean Street & Brighton Street	Heaving along sidewalks can potentially be tripping hazards and accessibility issues for pedestrians	Repair heaving sections	P1. Sidewalk repairs (tree roots, uplifted panels, etc.)	X	There are several examples of this along Chilton Street. The intersection at Middlecot Street and Chilton Street needs new ramps. The current ramps are at the corner of each curb (leading walkers into the middle of the intersection) rather than on either side of the corner for straight crossings. There are also no painted crosswalks.

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Crosswalks	Cross Street at Dean Street	Long crossing distance across Dean Street (north and south) and Cross Street (west)	Install curb extensions/reduce curb radii to reduce crossing distance	S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances P8. Curb extensions at pedestrian crossings	X	Curb extensions on Cross Street at Dean Street could help to slow traffic and increase the visibility of children crossing. Only along the southwest corner of the intersection is the crossing distance long. There are no crosswalk signs for the crosswalk along Cross Street. It is worth considering whether to have a raised crossing sign versus a speed bump here.
Crosswalks	Choate Road between Grove Street & Dalton Road	Long crossing distance Sidewalks lack curbing, which will allow vehicles to park on grass median/ sidewalks, obstructing pedestrian pathways Heaving along sidewalks can potentially be tripping hazards and accessibility issues for pedestrians	Install curb extensions/ reduce curb radii to reduce crossing distance Install curbing along Choate Road Repair heaving sections	P8. Curb extensions at pedestrian crossings S14. New curbing or edging on uncurbed streets P1. Sidewalk repairs (tree roots, uplifted panels, etc.)	X	Curb extension at this location (to cross Choate Rd.) seems unnecessary. Curbing seems to be low priority on this street. Sidewalk repairs recommended. Last 70' (approx.) of sidewalk on the north side of Choate to Grove is missing - this should be added.
Sidewalks	Dalton Road between Grosvenor Road & Bacon Road	Sidewalks lack curbing, which will allow vehicles to park on grass median/ sidewalks, obstructing pedestrian pathways.	Install curbing along Dalton Road to discourage parking that can obstruct pedestrian path	S14. New Curbing or edging on uncurbed streets	X	No sidewalk along one side of Dalton Road (by the park), not sure why curbing is the priority. Do not recommend adding the missing sidewalk - slow and low volume road.
Sidewalks	Foster Road between Choate Road to Elm Street	Lack of sidewalk connection	Extend sidewalk on the east side (playground side)	P5. Providing new sidewalks	X	There is a path currently under construction just inside the fence of the park/playground that runs along Foster. Sidewalk would be duplicative. Consider connecting the sidewalk at Elm/driveway into park entrance at bend of road.
Sidewalks	Grove Street between Belmont Street and Unity Avenue	Lack of curbing along Grove St. from Belmont Street to Unity St. (west side)	Install curbing along west side of Grove Street to prevent vehicles parking on sidewalks and obstructing pedestrian pathways	S14. New Curbing or edging on uncurbed streets	X	We did not observe cars parked on the sidewalk, but maybe that occurs at other times. Slowing traffic on Grove Street seems like a higher priority than adding curbing.
Crosswalks	Grove Street at Huron Avenue	Long crossing distance/ large curb radii that can promote vehicles turning at higher speeds	Install curb extensions/reduce curb radii to shorten crossing distance across Huron Avenue	S6. Reducing corner radii to lower vehicle speeds and/or decrease pedestrian crossing distances P8. Curb extensions at pedestrian crossings	X	Concern that reducing curb radii and adding curb extensions could limit access to the cemetery vehicle entrance. Heavy left turn movement from Grove onto Huron. Consider a neighborhood traffic circle like the circle nearby at Grove, Blanchard & Washington to simplify intersection operations to one lane in each direction. The existing crosswalk across Grove is not aligned with the pedestrian desire line for people approaching from the north; people cross away from the crosswalk. Crossing Huron seems much less hazardous than crossing Grove so suggest directing S to Grove instead. Traffic speeds on Grove (marked 25mph) are HIGH; observed 40+ mph.
Bicycle	Grove Street between Huron Avenue and Belmont Street	Missing bike connection along Grove Street between Huron Avenue and Belmont Street	Extend bike lane along Grove Street from Huron Avenue to Belmont Street to enhance bicycle network	B2. Designated bicycle lanes	X	Good idea, noted quite a few bicyclists. Will probably require taking a parking lane to get adequate width for a bike lane. Sharrows not recommended.
Traffic Calming	Grove Street between Huron Avenue and Unity Avenue	Long crossing distances at crosswalks across Grove Street Speeding along Grove Street	Install curb extensions to define parking area and shorten crossing distances	S17. Traffic calming measures P8. Curb extensions at pedestrian crossings	X	Pedestrian refuge islands might be needed and could be aligned to slow traffic. Concern about needing width for bike lanes and how that will work with curb extensions.
Crosswalks	Concord Avenue between Hamilton Road & Leonard Street	Long crossing distances at crosswalks across Concord Avenue, between Hamilton Road and Leonard Street	Install curb extensions to shorten crossing distance	P8. Curb extensions at pedestrian crossings	X	WB did not review
Traffic Calming	School Street between Belmont Street and Elm Street (Lower side of School Street)	Speed issue along School Street	Install raised crosswalk/raised table at Elm Street and Fairview Avenue	S8. Speed humps/speed tables		Reasonable idea. A couple questions: Fairview/School is already a 4-way stop - would the stop signs remain? Elm/School has drainage issues - including a sink hole, has somewhat skewed geometry, and would need tightened curb radii. These should be accounted for when considering raised intersection/speed table.
Road Geometry	Mill Street & Concord Avenue and Concord Street at Winter Street	Geometry of intersection causes safety concerns	Reconstruct intersections with modern roundabouts	S13. Intersection reconstruction - reducing complexity and crossing distance		WB did not review
Sidewalks	Unity Avenue between Grove Street and Oxford Street	Lack of curbing along both sides of Unity Avenue	Install curbing along both sides of Unity Avenue to prevent vehicles from parking on sidewalks and obstructing pedestrian pathways	S14. New Curbing or edging on uncurbed streets	X	Sections of sidewalks need to be fixed on both sides of Unity Street. If parking on sidewalks is an issue on this street (not observed during the review), then new curbing may be justified. Otherwise it is a relatively high expense with low effect on pedestrian safety.
Sidewalks	Upper School Street- Belmont St to Washington Street	Sidewalk Connections	Sidewalks	P5. Providing new sidewalks		WB walked a section of School Street. Sidewalk conditions are inconsistent. Given that it is a school walking route, connected sidewalks is a reasonable goal.
Traffic Calming		Park Avenue Rotary and corridor upgrades	Concept Plan complete. Round-about design, sidewalk construction	S13. Intersection reconstruction - reducing complexity and crossing distance		WB did not review
Accessibility	Carleton Road at Branchaud Road Carleton Road at Raleigh Road Chester Road at Carleton Road Madison Street at Lincoln Street Adams Street at Temple Street Adams Street at Randolph Street Townsend Road at Paysan Road Fairview Avenue at Marlboro Road Unity Avenue at Marlboro Road Sycamore Street at Davis Street Cutter Street at Burnham Street Vincen Avenue at Bartlett Avenue White Street at Loring Street Drew Road at Slade Street Baker Street at Concord Avenue Baker Street at Hittinger Street Cross Street at Lake Street Garrison Road at Lake Street	Substandard ADA ramps/ lack detectable warning panels	Upgrade curb ramps to meet existing ADA standards	P2. Providing ADA/AAB compliant curb ramps	X	WB did not review these locations