Complete Streets Funding Program Project Prioritization Plan

Municipality Northfield
MassDOT District 2
Date 3/27/2020
Name/Title Andrea Llamas, Town Administrator

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs								Complete Streets Funding Request			Construction Schedule	
Rank	**Project Name**	**Project Description**	**Environmental Justice Population**	**Project Limits**	**Project Start Location: X,Y Coordinates** (MA State Plane meter)	**Project End Location: X,Y Coordinates** (MA State Plane meter)	**Complete Streets Project Origin** (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	**Will this project be in Coordination with other Communities?** (list, if applicable)	**Total Estimated Project Cost**	**Complete Streets Funding Requested**	**Other Funding Source(s) and Amount** (if applicable)	**Anticipated Construction Duration** (number of months)	**Desired Construction Start Date** (month/year)
1	Moody Street Pedestrian Improvements	Moody St is part of a popular walking loop in this neighborhood. There is an existing 5'-wide asphalt sidewalk on both sides of Moody St from Main St to Highland Ave; it is asphalt and in very poor condition, creating tripping hazards. The sidewalk on the south side dead-ends approx. 125' before the intersection with Main St with no connection or crosswalk. There is pedestrian crossing activity between the Moody Center building west of Highland Ave on the south side of street and the campus on the north side. There is also ped crossing at the Highland Ave intersection. The curbs at both crossing locations are in very poor condition, with no defined ped crossing accommodations. • Reconstruct the 5'-0" asphalt sidewalk on both sides of the road and extend the sidewalk on the south side to Main St (P1, P5). • Construct crosswalks and ADA-compliant curb ramps at Highland Ave and across Moody St (P2, P9).	yes	Moody Street from Main Street to Highland Avenue	X 122339.273 Y 940469.625	X 122575.148 Y 940408.250	CS Needs Assessment	P1. Sidewalk repairs (tree roots, uplifted panels, etc.) P2. Providing ADA/AAB compliant curb ramps P9. Crosswalks	x	x	x					no	$50,000	$50,000		1	April 2021
2	Moody Street and Highland Avenue Intersection Improvements	Highland Avenue is very wide at the intersection. It is 24 feet on the west side of the median and 20 feet on east side. North Lane is just north of the Moody Street/Highland Avenue intersection. North Lane is 36 feet wide at the intersection of North Lane and Moody Street. • Reconstruct Highland Avenue near the intersection of Moody Street to a T-intersection to provide a shorter crossing distance with more room for pedestrians and a simpler configuration for motorists (S13). • Relocate the stop sign Highland Avenue so that it is more visible (S0). • Install a crosswalk across Highland Avenue at the intersection of Moody Street (P9).	yes	Highland Avenue at Moody Street	X 122551.070 Y 940412.437	X 122575.148 Y 940408.250	CS Needs Assessment	S13. Intersection reconstruction – reducing complexity and crossing distance SO. Traffic & Safety - Other P9. Crosswalks	x	x	x			x		no	$10,000	$10,000		1	April 2021
3	Winchester Road Pedestrian Improvements	There is a 4'-10" wide separated sidewalk on Winchester Road from the Moody Auditorium driveway to the intersection with Moody Street. The sidewalk is asphalt and is in very poor condition, cracked and bumpy, creating tripping hazards. Local observations indicates that a crosswalk is needed at Winchester and Bolton Road. • Reconstruct the asphalt sidewalk on Winchester Road to 5'-0" (P1). • Install a crosswalk with ADA-compliant curb ramps and flashing warning signs (RRFB) on Winchester Road at Bolton Road (P9, P12).	yes	Winchester Road from Moody Auditorium to Moody Street	X 122978.295 Y 940673.527	X 122575.148 Y 940408.250	CS Needs Assessment	P1. Sidewalk repairs (tree roots, uplifted panels, etc.) P9. Crosswalks P12. New or improved crossing treatments, at intersections, midblock, etc., including RRFB's and HAWK signals	x	x	x					no	$80,000	$80,000		1	April 2021
4	Moody and Winchester Street Lighting Installation	Moody Street and Winchester Road surrently have no pedestrian-level street lighting, which would improve safety during fall and winter months of low daylight. • Install pedestrian-level street lighting on Moody Street and Winchester Road (S9).	yes	1. Winchester Road from Moody Auditorium to Moody Street 2. Moody Street from Winchester Road to Main Street	1: X 122339.273 Y 940469.625 2: X 122978.295 Y 940673.527	1: X 122575.148 Y 940408.250 2: X 122575.148 Y 940408.250	CS Needs Assessment	S9. Street lighting	x		x		x			no	$65,000	$65,000		1	May 2021
5	Highland Avenue Sidewalk Improvement	There is a 5 foot wide asphalt sidewalk on west side of Highland Avenue. The sidewalk is in very poor condition, creating tripping hazards. The curbs at the intersection of Highland Avenue and Moody Street are also in very poor condition and crumbling. Highland Avenue at Pine Street needs curb ramps and a crosswalk. The sidewalk ends at Holton Street and a connection is needed to the sidewalk that was under construction in Fall 2019 on the south side of Holton Street. The connection should include curb ramp and crosswalk to the new Holton Street sidewalk. • Reconstruct the sidewalk on Highland Avenue & restore grass strip where necessary (P1). • Install ADA-compliant curb ramps and crosswalk at Highland Avenue and Pine Street (P2). • Install ADA-compliant curb ramps and crosswalk to connect the existing Highland Avenue sidewalk to the new Holton Street sidewalk (P2, P9).	yes	Highland Avenue from Moody Street to Holton Street	X 122575.148 Y 940408.250	X 122342.133 Y 939657.625	CS Needs Assessment	P1. Sidewalk repairs (tree roots, uplifted panels, etc.) P2. Providing ADA/AAB compliant curb ramps P9. Crosswalks	x	x	x					no	$120,000	$120,000		2	May 2021

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6	Maple Street Pedestrian Improvement	There are no shoulders on Maple Street, which carries speeding traffic to and from Gulf Road. It is a pedestrian connection from East Street to many destinations on Main Street. It is also a part of a simple walking loop around Main St, East St, Dickinson Rd, and Maple St. The roadway is 23 feet wide. • Construct new 5'-0" asphalt sidewalk on Maple Street from East Street to Main Street (P5).	no	Maple Street from East Street to Main Street	X 121739.360 Y 937897.125	X 121430.617 Y 938020.625	CS Needs Assessment	P5. Providing new sidewalks	x	x	x					no	$75,000	$75,000		2	May 2022
7	Warwick Road Pedestrian Improvement	There is no sidewalk on Warwick Road, which is a walkable distance to the local senior center, food market, and other destinations on Main Street. It is also a part of a simple walking loop around Main St, East St, Dickinson Rd, and Maple St. At the intersection of East Street and Warwick Road, the southeast corner is eroded due to trucks turning over the corner. • Construct a 5'-0" separated sidewalk on Warwick Road between East Street and Main Street (P5).	no	Warwick Road from East Street to Main Street	X 121964.203 Y 938510.062	X 121650.614 Y 938641.376	CS Needs Assessment	P2. Providing ADA/AAB compliant curb ramps P5. Providing new sidewalks	x	x	x					no	$75,000	$75,000		2	May 2022
8	Parker Avenue Sidewalk Improvement	Parker Avenue intersects Main Street on the west side. The crosswalk at the intersection has worn away. One of the tactile warnings is broken. The asphalt sidewalk from the funeral home to the end of Parker Avenue is 4'6" wide, in very poor condition and needs replacement. • Reconstruct the sidewalk on Parker Avenue to 5'-0" wide from funeral home to end, extend to the cemetary at the end of street (P1, P5, P10). • Repaint the crosswalk on Parker Avenue (P9). • Replace the broken tactile warning panel (P3).	no	Parker Street from Main Street to cemetary	X 121646.479 Y 938630.224	X 121276.002 Y 938639.650	CS Needs Assessment	P1. Sidewalk repairs (tree roots, uplifted panels, etc.) P3. Detectable warning surfaces P5. Providing new sidewalks P9. Crosswalks P10. Widening existing sidewalks	x	x	x					no	$65,000	$65,000		2	June 2021
9	Gulf Road Safety Improvements	Gulf Road is steep in sections, with fast traffic and no shoulder. Traffic uses Gulf Road as an alternate route from Route 2 in Erving to Northfield and points north. A commercial truck exclusion has recently been enacted on GUlf Road but there is a lack of signage indicating such. The New England National Scenic Trail runs along a section of Gulf Road from South Mountain Road past Orange Road, turning off-road north of Orange Road. • Install MUTCD-compliant commercial truck exclusion signs on Maple Street near Main Street and near St. Mary's Street (SO). • Install solar-powered radar speed feedback signs in both directions on Gulf Road (S5). • Install MUTCD-compliant pedestrian and trail crossing warning signs near South Mountain Road and Orange Road (P4).	no	1. Maple Street from Main Street to Gulf Road 2. Gulf Road from Maple Street to Erving Town Line	1: X 121430.617 Y 938020.625 2: X 122920.391 Y 937417.562	1: X 122920.391 Y 937417.562 2: X 125670.620 Y 931747.379	CS Needs Assessment	S5. Radar speed feedback ("Your Speed") signs SO. Traffic & Safety - Other P4. Pedestrian wayfinding signs	x		x			x	x	no	$13,000	$13,000		1	May 2022
10	Mt. Hermon Station Road (Rte 142) Traffic Calming	To the south of West Northfield Road, Mt. Hermon Station Road (Rte 142) is part of the Franklin County Bikeway (near the park). Mt Hermon Station Rd is 26 feet wide with 11 foot travel lanes and 1-3 foot shoulders. South of Caldwell Rd, the roadway is 26 feet wide with 12 foot lanes and 2 foot shoulders. • Install radar speed feedback signs on Mt. Hermon Station Road (Rte 142) south of Caldwell Road for traffic calming (S5).	yes	Mt. Hermon Station Road (Rte 142) from Caldwell Road to Gill Town Line	X 119820.578 Y 939387.250	X 118390.946 Y 936773.239	CS Needs Assessment	S5. Radar speed feedback ("Your Speed") signs	x					x		no	$12,000	$12,000		1	May 2022
11	F. Sumner Turner Road Access Improvement	There is no pavement marking on F. Sumner Turner Road. The roadway surface is 21- ft wide. This is the access route to Pioneer Valley Regional School. Widening the roadway by 7 ft to provide a pedestrian & bike-safe shoulder (1-ft shoulder + 2x10 ft travel lane + 1 ft buffer + 6-ft shoulder lane) on this roadway would provide a safer accommodation and encourage students to walk or bike to school. • Construct a wide shoulder from Route 10 to Pioneer Valley Regional School (P5).	yes	F. Sumner Turner Road from Route 10 to Pioneer Valley Regional School	X 118900.478 Y 936814.938	X 119139.024 Y 937234.647	CS Needs Assessment	P5. Providing new sidewalks	x	x	x	x				no	$100,000	$100,000		3	June 2022
12	Bennett Brook Road Access Improvement	This is the rear access route to Pioneer Valley Regional School. The roadway varies 20-ft to 23-ft wide. Widening to 29 ft (1-ft shoulder + 10-ft travel lanes + 1 ft buffer + 6-ft lane) would provide a bike & ped safe shoulder, a safer accommodation and encourage students to walk or bike to school. • Construct a wide shoulder from Mt. Hermon Station Road (Rte 142) to F. Sumner Turner Rd (P5).	yes	Bennett Brook Road from Mt. Hermon Station Road (Rte 142) to F. Sumner Turner Road	X 119176.898 Y 938112.188	X 119356.219 Y 937716.062	CS Needs Assessment	P5. Providing new sidewalks	x	x	x	x				no	$80,000	$80,000		3	June 2022

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13	Crossing Improvements on Pentecost Road, School Street, and Lorita Lane	The crosswalk at the intersections of Pentecost Rd at Main St and School St at Main St have worn away. There are no ADA-compliant tactile warning panels at the intersection of Lorita Lane and Main Street. • Repaint the crosswalks on Pentecost Road at Main Street and School Street at Main Street (P9). • Install tactile warning panels at the Lorita Lane intersection with Main Street (P3).	no	1. Pentecost Road at Main Street 2. School Street at Main Street 3. Lorita Lane at Main Street	1: X 121897.101 Y 939336.250 2: X 121767.038 Y 938955.747	3: X 121365.359 Y 937804.375	CS Needs Assessment	P3. Detectable warning surfaces P9. Crosswalks	x	x	x						$2,500	$2,500		1	July 2021
14	Franklin County Bikeway	There are 3 routes of the Franklin County Bikeway that pass within Northfield. These are the Northfield Connector (Pine Meadow Rd & Main St), the Vermont Loop (Route 142 & West Road), and the Northeast County Route (Warwick Road). Only the Northeast Connector is marked with Franklin County Bikeway signs • Install Franklin County Bikeway signs on Warwick Road, Route 142, and West Road (B7).	yes	1. Warwick Road 2. West Road 3. Mt. Hermon Station Road (Rte 142)	1: X 123468.659 Y 938678.975 2: X 119336.173 Y 941305.428	3: X 120057.707 Y 939762.255	CS Needs Assessment	B7. Bicycle wayfinding signs				x				no	$2,500	$2,500		1	July 2021
15	Route 142 (Mt. Hermon Station Road) / West Northfield Pedestrian Improvement	West Northfield Road will be the access to the west side of the future reconstructed Schell Bridge, a bicycle/pedestrian bridge, scheduled for construction in 2022. There is an existing asphalt sidewalk from West Northfield Rd on the east side of Route 142 north to the Vermont State Line, approx. 830 ft. The sidewalk is 4 feet wide and in poor condition. At the intersection there is no curb ramp or tactile warning. • Construct an ADA-compliant curb ramp with tactile panel and bump-out to make a landing area for crossing West Northfield Road (P2, P8). • Reconstruct existing sidewalk to 5'-0" wide (P10).	yes	Mt. Hermon Station Road (Rte 142) from West Northfield Road to Vermont State Line	X 121128.632 Y 942041.125	X 120995.910 Y 942281.003	CS Needs Assessment	P2. Providing ADA/AAB compliant curb ramps P8. Curb extensions at pedestrian crossings P10. Widening existing sidewalks	x	x	x					no	$65,000	$65,000		2	April 2023
16	Main Street Pedestrian Crossing Safety	There are concrete sidewalks on both sides of Main Street between Maple Street and Moody Street, forming a easy route for walking in through the town center. Traffic speeds entering the town center present a safety issue for pedestrians crossing at either end of the sidewalk. • Install flashing pedestrian crossing warning signs (RRFB) on Main Street (Rte 10/63) at Maple Street and at Moody Street (P12).	no	1. Main Street (Rte 10/63) at Maple Street 2. Main Street (Rt 10/63) at Moody Street	1: X 121430.617 Y 938020.625	2: X 122339.273 Y 940469.625	CS Needs Assessment	improved crossing treatments, at intersections, midblock, etc., including RRFB's and HAWK signals P4. Pedestrian wayfinding signs P10. Widening existing sidewalks	x		x			x		yes, MassDOT has jurisdiction of Main St	$23,000	$0	$23,000 (MassDOT)	1	April 2021
16	Town Center Walking Loop Signs	There is a simple, easy walking loop formed by the network of streets between Main Street and East Street and between Dickinson Street and Maple Street. Wayfinding signs would identify the distances and encourage walking. • Install pedestrian wayfinding signs on a walking loop around Main Street (Rte 10/63), Maple St, East St, and Warwick Road or Dickinson St (P4).	no	Main Street and East Street between Dickinson Street and Maple Street	X 121739.360 Y 937897.125	X 121856.070 Y 939211.937	CS Needs Assessment	P2. Providing ADA/AAB compliant curb ramps P4. Pedestrian wayfinding signs P10. Widening existing sidewalks			x					no	$3,000	$3,000		1	July 2022