

**Appendix C: Springfield Downtown Master Plan
Capital Improvement Plan - Draft**

Map Key	Category	Location	Description	Date (Anticipated)	Est. Project Cost	Method of Financing	Comments	Status
A	Programmed	Main St, River St (VT Route 11)	Resurface Class 1 Town Highway section of VT Route 11 in Springfield (2.821 MILES)	2015	\$12,050,000	VTrans	Vtrans Project # STP 2952(1); cost includes roads in other towns. No local match required.	In State Transportation Program for FY 2015-2016
B	Programmed	Valley St	Valley Street water and sewer line improvements	2015	\$1,300,000	Loan/Bond	See Springfield Water and Wastewater Capital Plan (2014-2015) for more details	Scheduled for 2015
C	Programmed	Main St/Summer St intersection	Sidewalk improvements	2014-2015	TBD	VTrans	Vtrans project # TCSE(006)	Substantially Complete
1	Proposed	Various	Downtown wayfinding signage	2017	\$40,000	Grant	Seek grant to install wayfinding signage as recommended in the Downtown Market Analysis (Armett Muldrow & Associates, 2010). (Cost est. based on \$5K/ea)	Need to identify locations
2	Proposed	New bridge over the Black River	Construct a pedestrian bridge connecting the state office parking lot to proposed park/Lovejoy	TBD	\$310,000	Grant	Investigate project feasibility; Costs assume 10 ft wide, 120 ft long pedestrian bridge, weathering steel, treated deck	
3	Proposed	Undeveloped site behind Lovejoy	Proposed public park	TBD	TBD	TBD	Investigate project scope & feasibility; consider flood retention/floodway limitations	
4	Proposed	Connection from Main St to proposed park (#3)	Proposed pedestrian path/entrance into the proposed park per #3	TBD	\$43,000	Grant	Assume 10 ft wide, 100 LF, landscaped pedestrian pathway	
5	Proposed	New path connecting Main St to Bridge St	Feasibility study for multi-use path connection to Toonerville Trail	TBD	\$35,000	Grant	Cost for scoping and feasibility study	
6	Proposed	Intersection of Clinton/Main/South/Mineral Sts.	Engineering assessment of intersection improvements	2019	\$35,000	Grant	Original master plan called for plantings/streetscape improvements. Consider intersection improvements (e.g. reconfiguring, traffic signal, roundabout). Recent assessment suggest that traffic signal warrants are met - evaluate impacts on downtown traffic circulation.	
7	Proposed	Main St/River St	Evaluate bicycle lanes/shared lane facilities to improve bicycle circulation to and through downtown	TBD	TBD	TBD	Consider "Sharrow" pavement markings; provide connection between planned Toonerville Trail extension and planned northerly multi-use path starting at Riverside Middle School	
8	Proposed	Various	Improve sidewalks in poor condition	TBD	TBD	TBD	Develop cost estimates for each section in preparation for upcoming grant cycles. Costs range between \$99-\$239 per linear foot of sidewalk, plus additional costs for design, permitting and project oversight.	

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9	Proposed	Mineral St between School St & State Offices	Construct sidewalk connection to fill the gap between existing sidewalks	TBD	\$520,000	Grant	Assume 5 ft wide, 1200 LF concrete sidewalk w/ granite curb. Consider combining this work with improving the existing sidewalk that is in poor condition.	Needs funding for scoping/feasibility study
10	Proposed	Park St	Repair Park Street Bridge #79 over the Black River	TBD	TBD	TBD	Consider adding to VTrans Town Highway Bridge program. This project is ranked #3 on SWCRPC pre-candidate list.	
11	Proposed	Bishop property on Valley St	Evaluate site improvements for People's Bank access/streetscaping	TBD	TBD	TBD	Demolition of the remaining building and site improvements, including improvements to parking egress and streetscape enhancements.	
12	Proposed	Black River retaining wall	Engineering assessment of structural condition of retaining wall	2018	TBD	Grant	Investigate structural condition. Avoid significant investment for streetscape improvements if the wall is in poor condition. Can a metal bin wall be used to shore up the existing structure?	Needs funding for engineering assessment.
13	Proposed	River St (VT 11)	Revisit Riverwalk improvements	TBD	\$510,000	Grant	Seek grant to make streetscape improvements along North Main Street from the 100 River Street pedestrian bridge south toward the heart of the Downtown. Assume 850 LF of sidewalk and streetscape improvement, and parking improvements (30,500 sq ft). Need to maintain existing number of parking spaces.	Need to re-evaluate project scoping/feasibility.
14a	Proposed	Valley St-Phase 1	Sidewalk improvements	TBD	\$113,449	Grant	Assume 5 ft wide, 1018 LF concrete sidewalks w/ granite curb	To be accomplished as part of the water/sewer project.
14b	Proposed	Valley St-Phase II	Sidewalk improvements	TBD	\$96,240	Grant	Assume 5 ft wide, 802 LF concrete sidewalks w/ granite curb	
15	Proposed	Factory St	Construct a one-level parking deck to improve parking capacity for certain downtown properties	TBD	~\$775,000	Grant	Very preliminary project cost is shown as a ballpark estimate; internet search shows costs for parking structures ranging between \$52-59 per square foot. Structure would need to be designed and costs refined.	Seek grant for design and construction
16	Proposed	Black River Island	Investigate site improvements / natural area	TBD	TBD	TBD		

NOTES:

Costs are based on local or state cost estimates where available (i.e. programmed projects)

All other costs are estimated based upon *Report on Shared-Use Path and Sidewalk Unit Costs* (VTrans, 2014), VTrans cost estimating resources, or other resources