

APPENDIX A

Project Area Photographs & Figures



Figure 1 Looking upstream at Marland Place Dam and adjacent Marland Woolen Mills (Photo Source: PAL 2010)



Figure 2 Looking upstream at Marland Place Dam spillway (Photo Source: PAL 2010).



Figure 3 Looking downstream at Marland Dam and Marland Woolen Mills (Photo Source: PAL 2010).



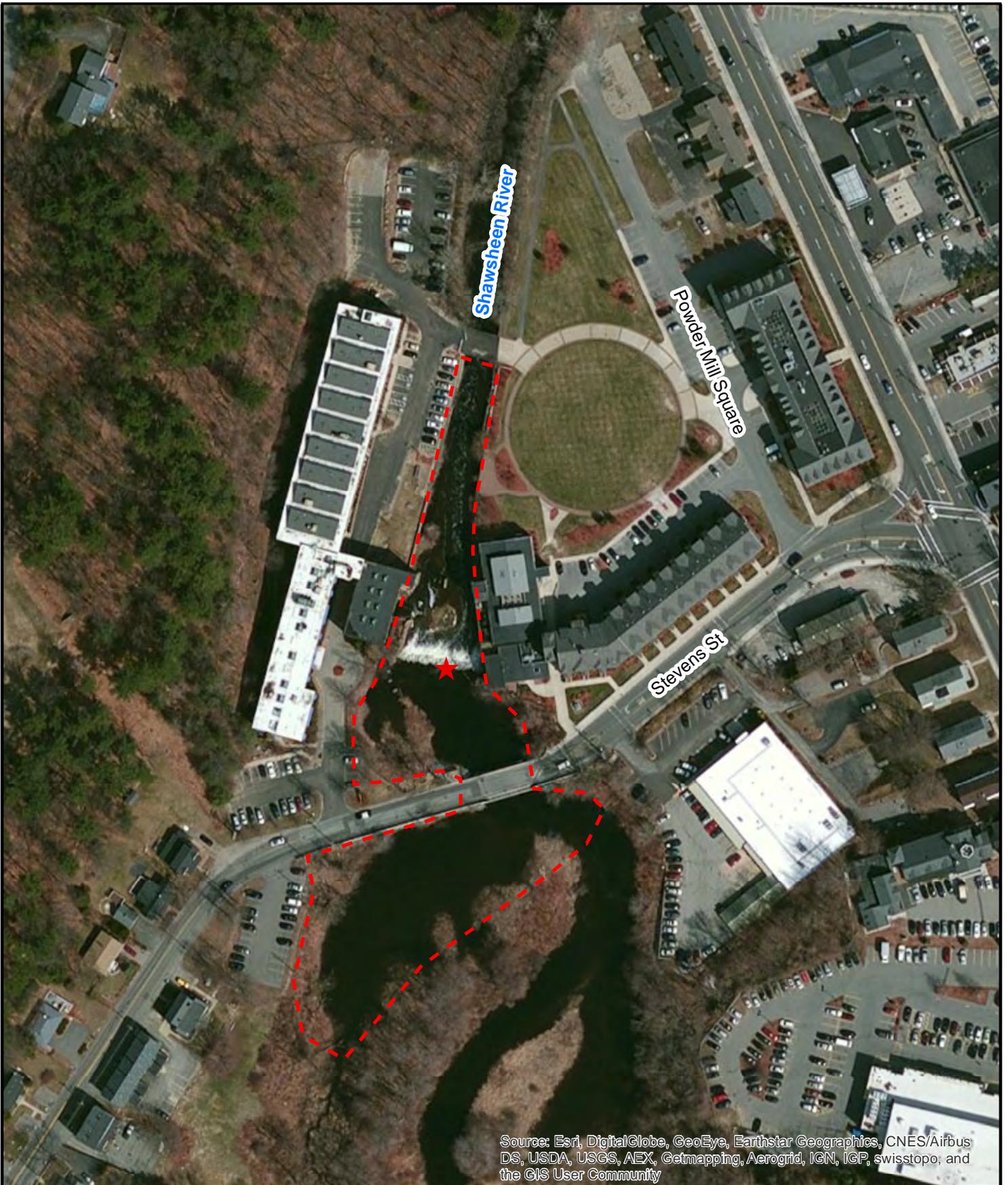
Figure 4 Looking at river right abutment of the Stevens St Bridge (Photo Source: Cannatelli et. al 2015).



Figure 5 Marland Dam headrace gate on west side (Photo Source: PAL 2010).



Figure 6 Phragmites and cattail marsh upstream of the Stevens Street Bridge (Photo Source: Inter-Fluve 2012).



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

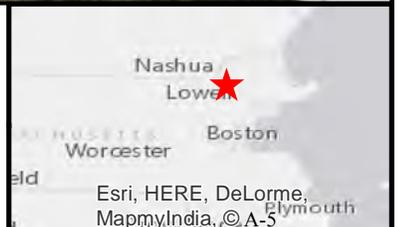
Marland Place Dam Removal Project

Aerial Photo Source: ESRI 2016
Andover, MA

by: BB_0 Marland Place Dam Removal - Appendix A

Legend

- ★ Marland Place Dam
- ▭ Proposed Construction Area



Esri, HERE, DeLorme, MapmyIndia, © A-5

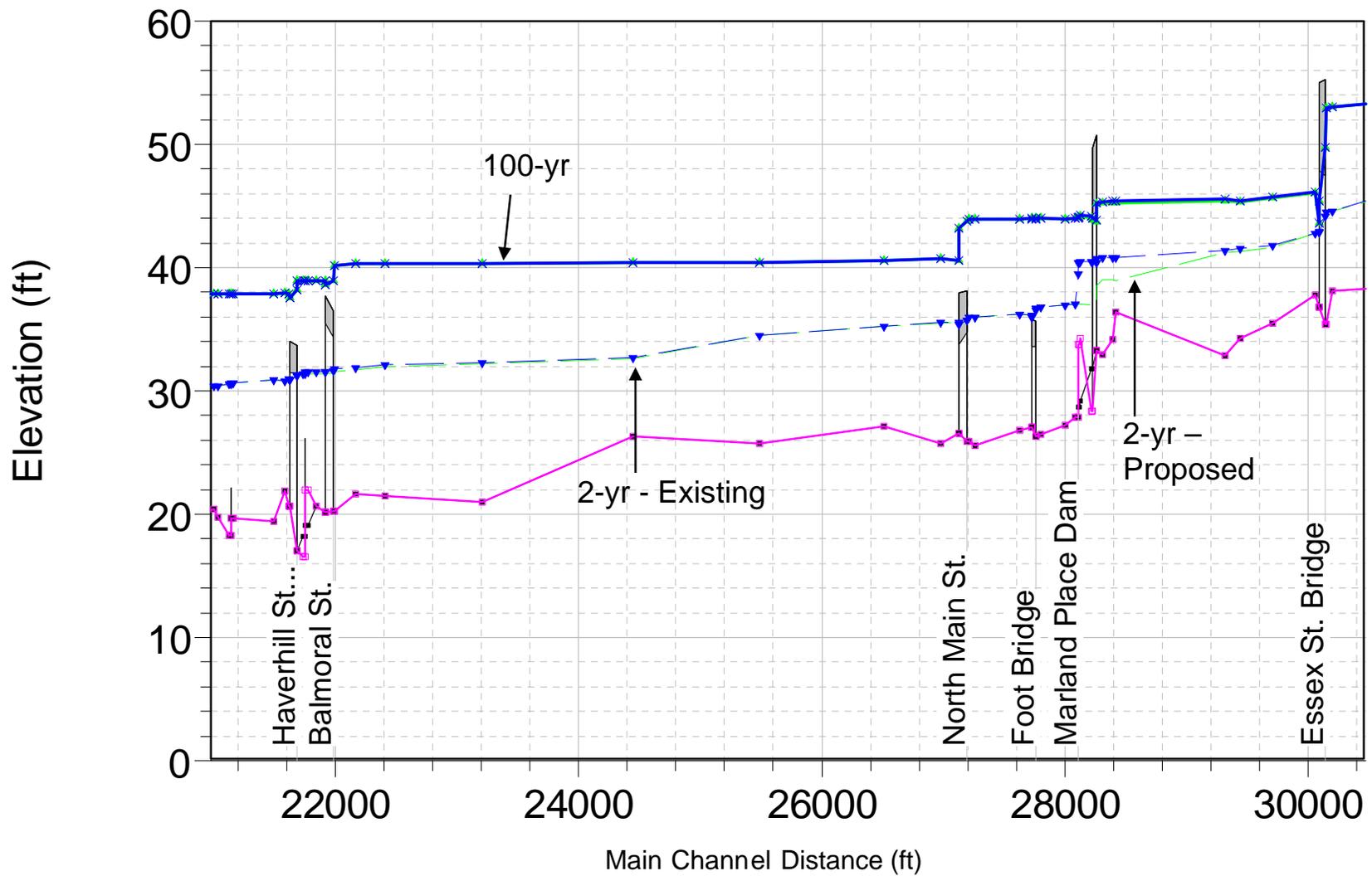
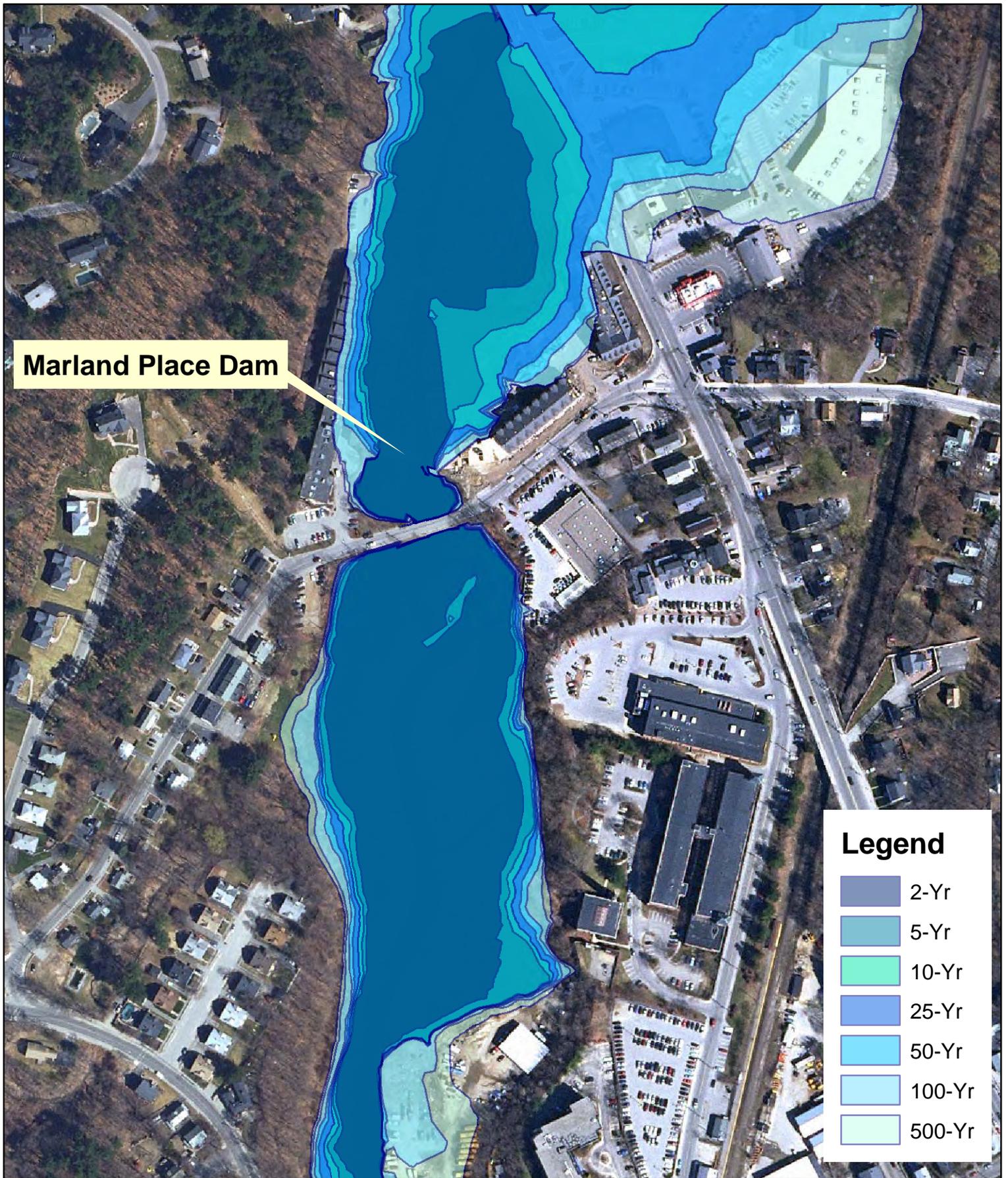


Figure 8. Longitudinal profile of the Shawsheen River showing the existing (blue) and proposed (green) flood elevations for the 2-yr (dashed line) and 100-yr (solid line) floods. The magenta line indicates the channel bed elevation (Figure from: Cannatelli et. al 2015).



Marland Place Dam

Legend

- 2-Yr
- 5-Yr
- 10-Yr
- 25-Yr
- 50-Yr
- 100-Yr
- 500-Yr

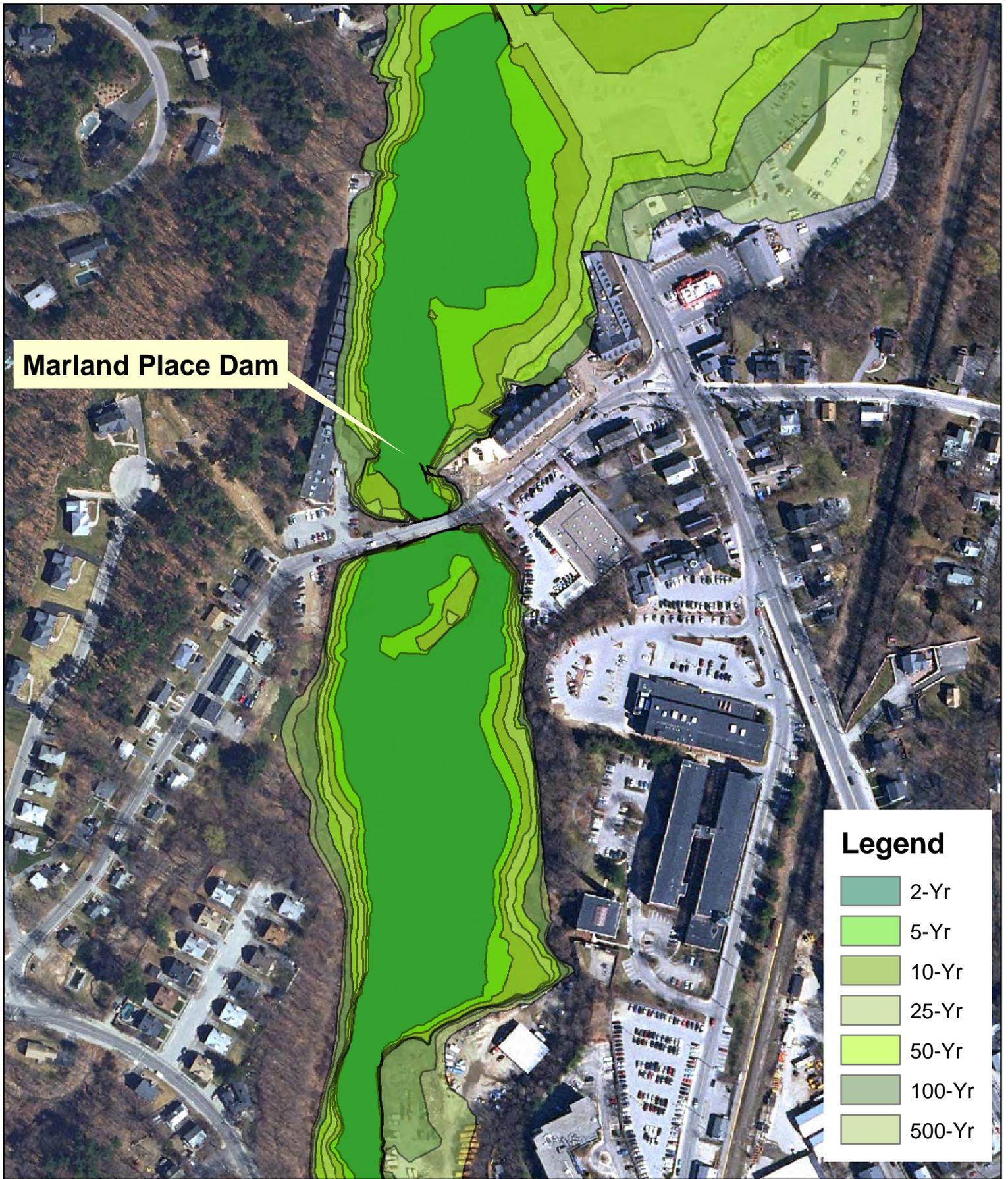


Marland Place Inundation Map - Existing Conditions

Marland Place Dam Removal - Appendix A



Figure Source: Cannatelli et. al 2015



Marland Place Inundation Map - Proposed Conditions

Marland Place Dam Removal - Appendix A



Figure Source: Cannatelli et. al 2015