

# CARLISLE TRAILS COMMITTEE

## Memo

To: Carlisle Conservation Commission  
From: Alan Ankers, Chair, Carlisle Trails Committee  
Re: Elliott Preserve Boardwalk RDA  
Date: June 4, 2024

As a follow-up to our earlier RDA filing, I have reviewed the parameters of this stream crossings with reference to the Stream Crossing Standards included in the Division of Ecological Restoration's "Massachusetts Stream Crossings Handbook," with particular attention to the crossing span and openness.

The bankfull width of the stream at the crossing point is 8 feet. As illustrated in our project narrative, the supports are spaced 12 feet apart, comfortably exceeding the required minimum of 1.2 times the bankfull width. The cross-sectional area under the boardwalk is approximately 21 square feet; the length of the crossing (width of the boardwalk) is 4 feet, which gives an openness ratio of 5.2, well in excess of the required minimum of 0.82.

