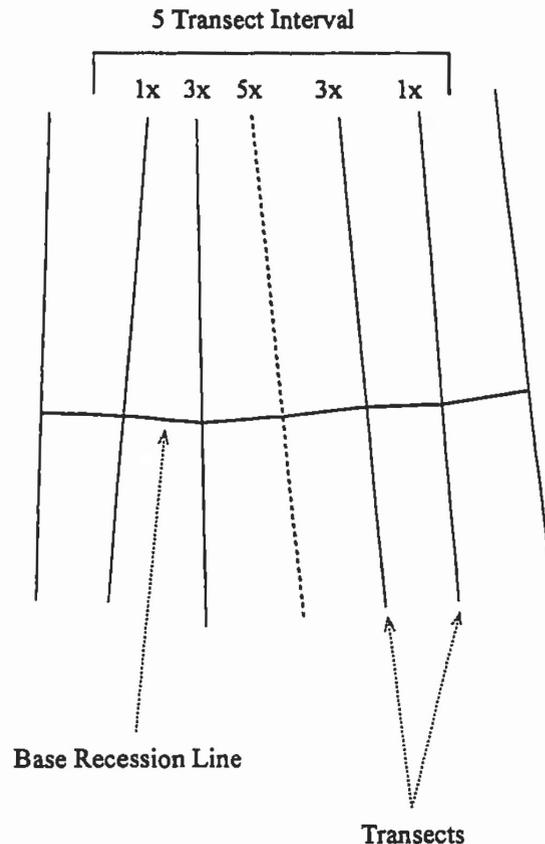


1501-6-12

**Determination of anticipated recession distances.**

The anticipated recession distance in feet for each transect shall be the center-weighted moving average of distances equal to thirty times the annual recession rate in feet per year as determined at five consecutive transects where: (1) the distances for the two outer transects shall be weighted by a factor of one; (2) the distances for the two inner transects shall be weighted by a factor of three; and (3) the distance for the center transect shall be weighted by a factor of five (figure 1). Anticipated recession distances less than thirty times the calculated accuracy limit shall be equal to zero. In no case shall the anticipated recession distance be less than zero.



**FIGURE 1: ILLUSTRATION OF WEIGHTED FIVE-POINT MOVING AVERAGE. THE CENTER TRANSECT IS WEIGHTED BY A FACTOR OF FIVE, THE NEXT TWO ADJACENT TRANSECTS ARE WEIGHTED BY A FACTOR OF THREE, AND THE TWO EDGE TRANSECTS ARE WEIGHTED BY A FACTOR OF ONE.**

R.C. 119.032 review dates: 07/29/2009 and 07/25/2014

CERTIFIED ELECTRONICALLY

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Certification

07/29/2009

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Date

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