Dear Dominik,

in general, your approach of locating the <operationalPoint> on a microscopic <netElement> is fine.
However, I don't understand why you want to locate an operational point with a length of zero meters using an <areaLocation>? I think, a <spotLocation> would suit better.

By the way: locating <operationalPoint> elements on microscopic topology is quite common. In particular, it is best practice to model the operational point center point (in railML2 language also known as "cross section") using a <spotLocation> on a microscopic <netElement>.

Are there any other best practice ideas from the community?

Best regards
Christian