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Order One Vassiliev Invariants for Long Virtual Knots. Preliminary report.

We extend the construction of A. Henrich's three finite-type invariants of order one to the long virtual knot case. To do so, we will review the interpretation of long virtual knots as knots in thickened surfaces with boundary, and mention how to reconstruct the notion of a based matrix for a flat long virtual knot. (Received January 15, 2016)