Could MSRP be used to select a stream path?

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• Idea:
  – Adding Metrics (Delay, PER, Link Bit Rate “stability”, …) to Talker Advertise MSRPDU
  – Advertising Talker Advertise MSRPDU over all the links (outside the data SPT)
  – The Talker Advertise MSRPDU Metrics are demoted to any lower link metrics, found allow the path to the Listener.
  – A Listener getting multiple Talker Advertisement MSRPDUs for the same stream thru multiple ports could select the most adequate one.
  – The Stream’s path is created by the MSRPDU Listener Ready transmitted from the Listener to the Talker.
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TA for the same stream ID

TA(ID1,M++)

TA(ID2, M-)

TA(ID2, M--)

TA(ID1,M-)

TA(ID1,M-)

TA(ID2, M--)

TA(ID1,M-)

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Redundancy case
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Pb: how do the bridge split here between 2 IDs?

Is the DA enough, so there is no need to ID?