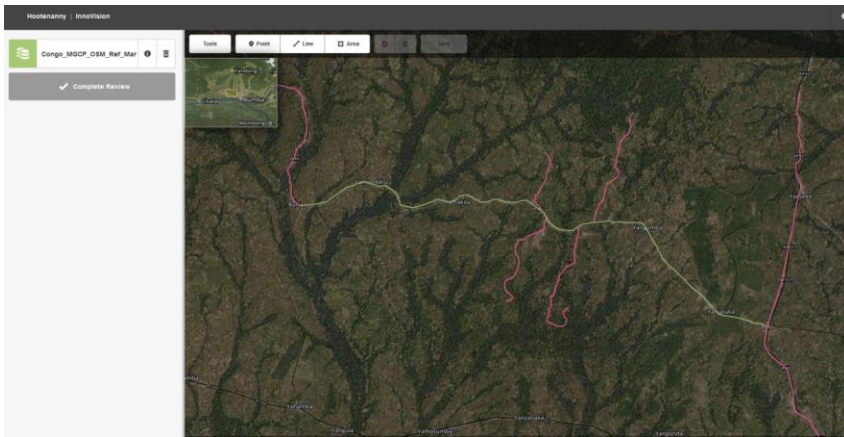


Troubleshooting Sample Road Area in Congo



Ran MGCP/OSM conflation with data as is. This resulted in areas not conflating. See image left. These road line segments were also not presented to user in the de-confliction process.



Manually moved vertices of MGCP road to all be within 35m (arbitrary distance chosen) and it conflated all sections. See image left. Prior to manual adjustment of vertices the furthest line segments was about 80m away from each other.

This was performed to confirm suspicion that the roads not conflating in sections of this Congo cell was due to data being outside of threshold for Hootenanny resolve.

This congo roads use case may provide some exploratory ways forward. Next slide.

This congo roads use case may provide some exploratory ways forward

1. If user does encounter this issue (road data not conflating bc the distance is too great), maybe data is significantly far off from each other geometrically that user should re-examine data accuracy or a red-flag that user may want to not conflate this data.

(This would be leaving UI capability feature “as-is” and can be worked in on the pre-data processing slide and mitigated through training and workflow process papers)

2. Would tweaking “greedy” or “unify” in the Hoot UI be possible to allow user to extend threshold in instances such as this? Would doing so open up other issues user needs to consider? (ie Use at own risk) Is there an existing tweak that is already in Hoot UI to accomplish this?

Thoughts? I can get feedback from customer regarding the above and report back as well.