IMBA-OSI Takehome #2 – Design

Please submit all answers to Rich and myself via direct message (DM) on Slack. If you have general questions (including how to create a DM), feel free to post in the general Slack channel.

Quiz Questions
(answer these questions after reading and studying takehome #2, come prepared to kick off webinar #3)

1. What is the only practical way to accurately identify grades and slopes in the field for trail design?
2. You are designing trails in the northeast on a site with numerous old stonewalls and cellar holes, what might you do early on in the design phase to make it more efficient and productive?
    a. Follow up: what are some clues to past 20th century homestead locations?
    b. Follow up: what is a major hazard often found near old homesteads?
3. How much detail does you design need?
    a. New hiking trails on a private home lot, the homeowner is paying for all work.
    b. Shared-use with pockets of single-use gravity trails on a national forest, the work will be completed with a mix of RTP and private foundation grants.
4. What is a SWPPP and when does your trail project trigger one locally?
5. What is an appropriate average grade for…
    a. …a beginner flow mountain bike trail?
    b. …an advanced shared-use trail?
6. What is a local terrain trap you have encountered?
7. What is the fall line and when is it appropriate to design trails on it?

Practice KMZ Tasks
(practice your desktop planning/design chops by downloading the provided KMZ and using Google Earth to complete the following)

1. Draw/identify zones of possible trail development.
    a. Beginner shared-use zone
    b. Hiking only zone
    c. Gravity bike-only zone
    d. Technical shared-use zone
    e. Intermediate-advanced shared-use zone
2. Draw/identify major hubs
3. Connect these hubs with corridor sketches appropriate for the above identified zones
4. Connect the TH to the future river access
    a. Connect with beginner shard-use trail
    b. Connect with intermediate shared-use trail
    c. Connect with an advanced bike-only descent