



**Michigan
Technological
University**

Rail Transportation Program

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TO: Michigan Tech Facilities

This letter and the attached brochure outline our current plan for the railroad demonstration/research track proposed by the Michigan Tech Rail Transportation program. We had started work on collecting materials and had settled on the location east of Dillman hall back in 2020, right before the COVID pandemic shut things down.

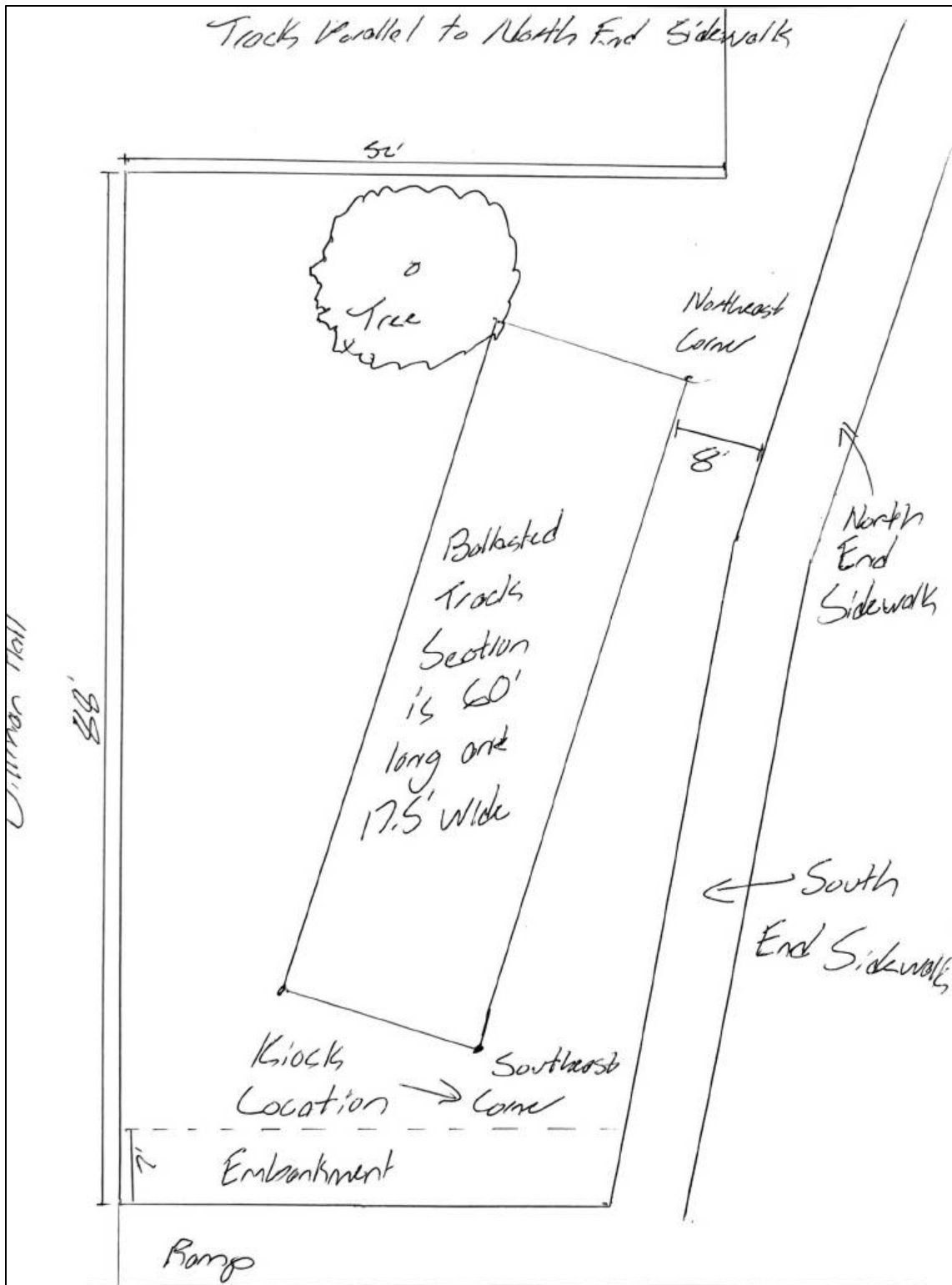
As a reminder, here is the location we are working with:



We can provide a more detailed drawing of the location, but in general the track will occupy the grass lawn east of Dillman from the near the existing ramp towards the tree in the corner. The track will parallel a section of the sidewalk east of Dillman. This diagram and marked image will give you a visual idea:



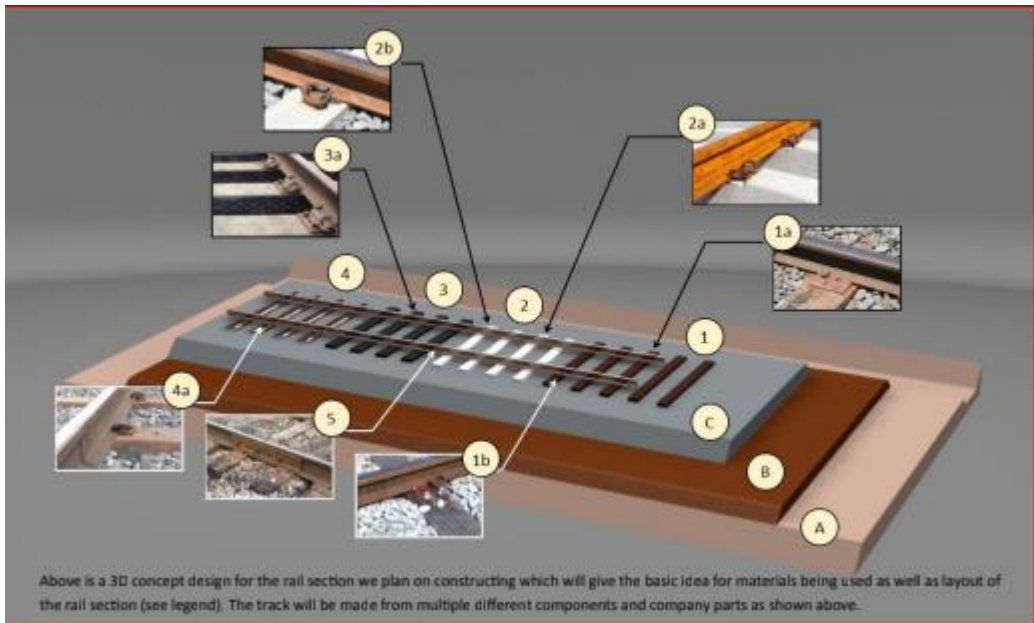
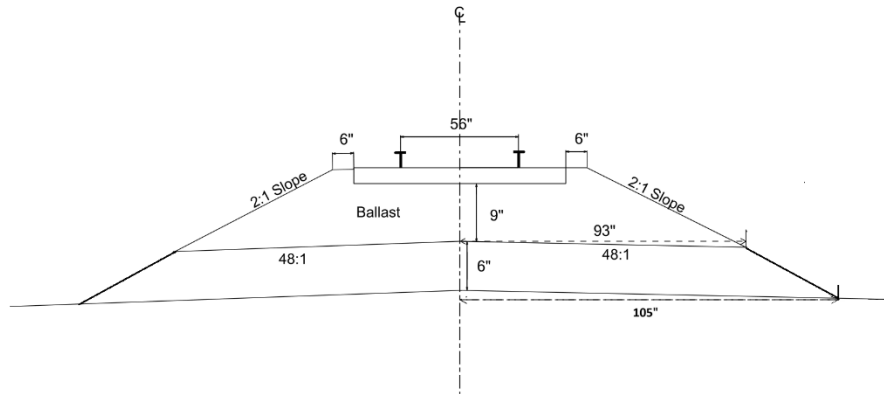
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The demonstration track will be max. 60 feet long (potentially built in phases) and will be 17.5 feet wide. The cross section will have a 6 inch thick layer of subballast (3/4-1 inch crushed stone) and a 9 inch layer of ballast (2-3 inch crushed stone). Railroad ties and rails will be on top of the ballast.

Model Track Dimension: Detailed



We are working with various rail industry providers to collect materials for the construction which we would expect to commence in the fall -25 after students return to campus.

Please let us know what the next steps would be to secure the location for the track.

Yours truly,

A handwritten signature in black ink, appearing to read 'P. Lautala', with a stylized, elongated final stroke.

Pasi Lautala, Ph.D., P.E.
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Professor, Dept. of Civil and Environmental Engineering
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