

Bike Trail Design, Flooding

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Bike Trail Benefits

- Nature, beauty, exercise
- Increases city appeal
- Promotes workforce development
- Encourages economic growth
- Transportation network

Design Constraints

- Trail near waterways
- Waterways need to flood
- Reduce flooding on trail to promote utility
- Limited construction resources
- Incorporate new goals in new trails
- Gradually redesign existing trails

Modest Design Goal

- Accommodate annual flooding
- Raise a few areas a few feet
- Increase utility for transportation

Better Design Goal

- Bike trail not underwater during 10 year flood
- Requires more planning
- Requires more investment

Other Considerations

- Some parts of the trail flood every year
- They could be placed on a low berm
- Requires coordination with FEMA, Corps of Engineers
- Incorporate occasional culverts to allow flooding through berm
- Provide detour under bridges where people walk their bikes through mud even where there is low clearance

Raise This A Little



Needs Raised



Winter Beauty

