



# Clinton, Iowa Trails Expansion

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## Overview of Rails to Trails

The trail begins at Harrison Drive next to Legends Sports Bar and ends at 8<sup>th</sup> Avenue South near Clinton High School. The figure on the right indicates the conceptual trail. The graphic on the left is a conceptual Rails-to-Trails representation.



Figure 1. Trail Track and Conceptual Trail

## Final Designs and Illustrations

The trail is approximately 2.14 miles. This includes approximately 1.04 miles of pre-existing railway that is converted to bikeway using Rails-to-Trails methods. The corridor includes 10' width for lanes, a 2' of typical width for shoulder, and a typical 2:1 slope for daylight with 6" pavement and 12" subbase. In addition to the trail, we have a 45' preconstruction Pratt Truss style bridge for tributary crossing.



Figure 3. Finals Drawings, Illustrations, and Prefabricated Bridge

## Goals and Design Methods

Our goal is to develop a bikeable or bike-friendly environment for the City of Clinton. Facilities like public restrooms and bike ramps were designed to ensure public safety. The trailhead facility is designed to include a bike plaza, bike repair station, restroom, and accompanying parking lot.



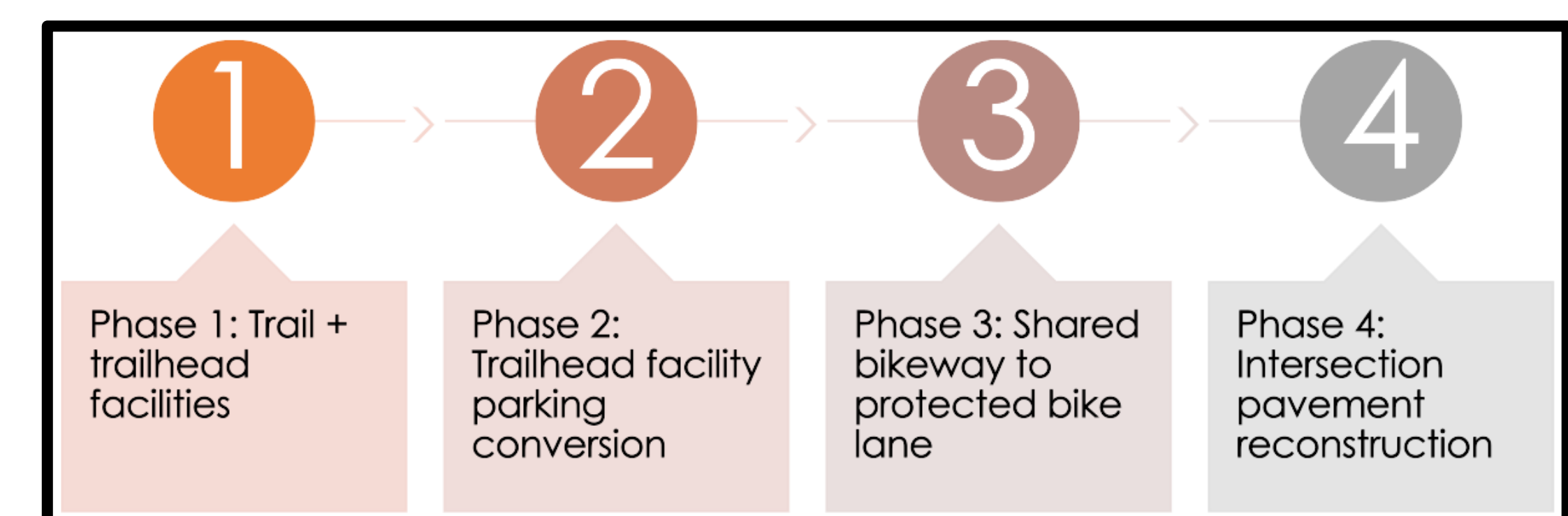
Figure 2. Goals and Design Methods

## Project Cost Estimations

The project cost is estimated to be approximately \$1,088,150. The project can be divided into 4 phases. The price for *phase 1* is \$910,050, *phase 2* costs \$102,100, *phase 3* costs \$43,500, and *phase 4* costs \$32,500. With an added 10% for contingencies and 5% for Engineering and Administration costs, the total project cost is estimated at \$1,224,650.

### References

- <https://iowadot.gov>
- <https://iowasudas.org>
- <https://nacto.org>
- <https://intrans.iastate.edu>



## Acknowledgements

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