

CENTRAL IOWA TRAIL LOOP, ALTOONA, IOWA

PROJECT SPONSOR

City of Altoona

CONTACT

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PROJECT CONCEPT

The Central Iowa Trail loop is part of a trail system that, when complete, will span five counties and 110 miles. The Altoona segment of the trail begins just east of the pedestrian overpass across 8th Street, continues through Lions Park and under the Iowa Interstate Railroad, then follows the railroad tracks east across 5th Avenue, 1st Avenue, ending at 1st Street E, near the Sam Wise Youth Complex.

The major feature of the trail is the tunnel under the Iowa Interstate Railroad. The tunnel consists of a 50 foot long, 12 foot diameter steel pipe that was rammed through the embankment. This set a new record for the largest pipe diameter installation of its kind. Reinforced concrete headwalls and wingwalls were constructed at each end of the tunnel and a reinforced concrete riding surface was installed through the tunnel. Because this portion of the trail was close to a creek, trail design had to account for local drainage, but without allowing water to drain through the tunnel.

The completed Altoona segment of the Central Iowa Trail Loop provides a traffic-separated pedestrian and recreational facility through the heart of Altoona, Iowa.

