



Transportation Engineering: Paths and Trails

- Concrete, Asphalt, and Gravel Trails
- Urban & Rural Paths
- Streamside Trails
- Traffic Calming
- Pedestrian Bridges

WEI has designed many miles of urban and rural path and trail systems, including the initial five phases of the community path and trail system for the City of Moab. Creek side paths have included underpasses, bridges, jetties, channel improvements, and erosion control. Urban paths have separated pedestrians and school children along major pedestrian and traffic routes. Traffic calming and pedestrian safety measures have been implemented in all designs, including speed tables, medians and refuge islands, changed surface materials, bulb-outs, signage, and roughened surfaces.

Selected Projects



D-1/2 Road Pathway Project, Mesa County, CO

Design 2 miles of 8' wide concrete pathway and pedestrian bridge along an arterial road for students traveling to and from school. Used traffic calming devices and different surface materials at crossings for safety.

32-1/2 Road Pathway Project, Mesa County, CO

Design of 1/4 mile of pathway link between an elementary school and an area neighborhood. Work was coordinated with a water company, two sewer companies, a ditch lateral, the Grand Junction Drainage District, and a telephone company.



Mill Creek Flood Control & Parkway Project Phase III, Moab, UT

Design concrete bike/pedestrian paths, riverside improvements, pedestrian bridge abutments, park trails, and traffic calming features at crossings, sharp turns, and intersections.

Mill Creek Flood Control Parkway Project (Phase 2, 4, & 5), Moab, UT

Construction oversight and metric design of concrete bike & pedestrian paths, jetties, channel improvements, creek crossing, arterial underpass, crossing under UDOT bridges, and permitting. Project also included design of minor arterial road widening.



Scott M. Mattheson Wetlands Project, Moab, UT

Performed bridge hydraulics and abutment design and obtained associated permitting. Project was through environmentally protected area. The pathway was soft surfaced with gravel, narrow, and had to preserve trailside vegetation. The bridge was designed so that it could be installed without disrupting adjacent vegetation and overhanging branches from trees.

Hwy 340 Pathway, Fruita, CO

Design pathway and drainage features in CDOT R.O.W., consisting of 1950 LF of 21" storm drain, 1362 SY of asphalt path, and 2517 SY of concrete path.

Mill Creek Project Phase I, Moab, UT

Design of concrete bike/pedestrian paths and two bridges to provide two alternative safe pedestrian and cyclist stream crossings, located one block either direction from the highway in town.

500 West Underpass, Moab, UT

Design recommendations for a pathway under a UDOT bridge as part of the City of Moab trail system, which would allow non-vehicular traffic to safely cross an arterial road.

Ottley Pathway @ 17 Road, Fruita, CO

Design detached walk extension along an arterial road.