

Spring Creek Channel Improvements at Lemay Avenue Fort Collins, Colorado

Client: Mr. Owen Randall
City of Fort Collins Utilities
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ANDERSON CONSULTING ENGINEERS, INC.

Civil • Water Resources • Environmental

This project prepared plans and specifications for the restoration of a reach of Spring Creek in Fort Collins, Colorado damaged during a 500-year flood event. Anderson Consulting Engineers, Inc. provided all hydrologic, hydraulic, and design services required for this multifaceted project. Specific design elements included:



Looking Upstream at Riprap on South Bank and Temporary Bypass Pipeline in Channel.



Looking Downstream from Left Bank.

- design of 140 feet of retaining wall;
- design of 380 feet of concrete recreation trail;
- removal of an existing 60" RCP culvert;
- design of 320 feet of reconstructed channel including one drop structure;
- providing new driveway access for a private residence;
- coordination and design of several utility relocates;
- obtaining required easements and permits;
- coordinating all activities with a nearby private resident.

In addition Anderson Consulting Engineers, Inc. provided construction management services during the approximately 4-month construction time period. Construction management services included: (a) review of shop drawings, (b) construction observation, (c) progress meetings, (d) pay request processing, and (e) completion of the as-built record drawing set. A post-project Letter of Map Revision was completed and subsequently approved by FEMA.