

JEFFERSON COUNTY

TRANSPORTATION AND ENGINEERING COMPLETED PROJECTS 2008

South Kipling Sidewalk: C-470 to West Ute Avenue

Unlike the west side of Kipling Parkway, the East side of Kipling did not have a sidewalk. The \$80,000 project was designed by Jefferson County Staff and funded by the Road and Bridge Fund.



Prior to construction



During construction



The completion of the sidewalk

Lena Gulch at Isabel Street Channel Improvements

In 1993, Jefferson County and Urban Drainage Flood District (UDFCD) constructed a new culvert for Lean Gulch crossing Isabell Street. Channel improvements to connect the culvert to the improved channel in Denver west were not constructed at that time because an easement could not be obtained. Since that time the downstream property has been sold and developed.

During the development process a drainage easement for the Lean Gulch, 100-year floodplain was obtained. The \$440,000 project was funded 50/50 by UDFCD and Jefferson County's General Fund.



Prior to construction



During construction



Construction completed

Ken Caryl Avenue and Continental Divide Roadway Improvements

Due to the expansive soils typically found in the Ken Caryl Area of Jefferson County, a segment of Ken Caryl Avenue at Continental Divide Road required reconstruction. Approximately 900-feet of Ken Caryl Avenue has been reconstructed, centered at the intersection of Ken Caryl Avenue and continental Divide Road. This project also included rotomilling, paving, and repairing curb and gutter to various portions of Ken Caryl Avenue.

The reconstructed portion of Ken Caryl Avenue was lowered to increase visibility and improve the safety of the intersection. To help prevent future heaving of the roadway, perimeter edge drains were installed with the project. The intersection of Ken Caryl and Continental Divide also received new handicap ramps and sidewalks. This project was designed by Jefferson County Staff costing \$610,000 and was funded by the Road and Bridge Fund.



Prior to Construction



During Construction



The completed project

Bellevue Avenue Widening: Quincy Avenue to Simms Street

Bellevue Avenue was improved to an arterial roadway standard, as identified in the Countywide Transportation Plan. The existing two-lane street was widened to four through lanes. Irrigated Landscaping, sidewalks, and wood fencing were included in the plans by Muller Engineering. The \$15 million project was funded by the County Sales Tax Improvement District.

The landscaping work consisted of the installation of a computerized underground irrigation system, along with trees, shrubs and pasture lawns throughout the site.



Prior to construction



During construction



After construction

JC 73: North Turkey Road to Thimbleberry Lane 3495

Safety and capacity improvements were needed from North Turkey Creek Road to just north of the existing access to the Evergreen Professional Center. The plans were designed by Muller Engineering and American Civil Constructors constructed the project. The Evergreen/Conifer Traffic Impact Fee Fund paid for the improvements of \$2.2 million.

The project included:

- A roundabout at JC 73/North Turkey Creek Road
- The addition of 4-foot paved, plus 2-foot gravel shoulders in most areas
- A two-way left-turn lane from the Evergreen South Cafe to Marshmerry Lane
- A southbound left-turn lane at Marshmerry Lane
- A northbound left-turn lane into Evergreen Professional Center
- Fire station driveway improvements
- Drainage improvements



During Construction



During Construction



The completed project

Bowles Sidewalk: Grant Ranch to Ames Street

This project included the installation of sidewalk along the south side of Bowles Avenue between Grant Ranch and Ames Street. The construction of a 5-foot wide sidewalk greatly benefits pedestrians since it provides a connection between the Country Farms subdivision south of Bowles and the Villages at Raccoon Creek north of Bowles. In addition, it provides a route to Blue Heron Elementary, which is located north of Bowles within the Villages at Raccoon Creek subdivision.



Prior to construction



During construction



After Construction

South Oak Street Improvements: W Bowles Avenue to W Capri Avenue

Alpers Farm Subdivision was platted in 2003. At that time, Continental Homes, the developer, was required to pay the County \$40,000 in lieu of constructing the half-street (east side) improvements on S. Oak Street from W. Bowles Avenue to approximately W. Capri Avenue. The goal of this project was to construct curb, gutter, and sidewalk on the east side of S. Oak Street, and to add a right-turn lane at W. Bowles Avenue.

The \$100,000 project, designed by County staff, was funded by the Road and Bridge Division.



Prior to construction



After construction



The completed project

Indiana Street Over Croke Canal

The Indiana Street Bridge over the Croke Canal just north of 55th Drive was given a very low bridge sufficiency rating under the Colorado Department of Transportation (CDOT) scoring system. As a result this bridge was replaced with a reinforced concrete box culvert.

This project qualified for federal funding under the TEA-21 Act of the Federal Highway Administration (FHWA). 80% of funds used for design, right-of-way, and construction were reimbursed to Jefferson County.

The general contractor, KECI Colorado, Inc., completed the project approximately two months ahead of schedule. The newly constructed bridge was designed to be much safer for pedestrians, bicyclists, equestrian riders, and motorists. The traffic lanes are 12-feet in width, and there are now 4 foot wide paved shoulders on each side of the bridge.

In addition, there is new curb, gutter, and sidewalk as well as new "weathering steel" guardrails and bridge rail. Jefferson County Division of Transportation and Engineering would like to thank the area residents and businesses and the traveling public for their cooperation and patience during construction of the new bridge.



Prior to construction



During construction



Completed Project

Coal Mine Drive and Coal Mine Avenue Traffic Signal

Coal Mine Drive and Coal Mine Avenue - A new traffic signal was constructed at the intersection of Coal Mine Avenue and Coal Mine Drive. This location is at the main student parking lot for Dakota Ridge High School. This traffic signal cost \$92,000 to install. It provides easier ingress and egress from the Dakota Ridge High School student parking lot and the Dakota Ridge Apartments on the south side of Coal Mine Avenue.



After construction



The completed project