

## JEFFERSON COUNTY

# TRANSPORTATION AND ENGINEERING COMPLETED PROJECTS 2009

### Jefferson County Fairgrounds Drainageway "G" of Lena Gulch, Phase 2

This project was a continuation of improvements within the Fairgrounds to reduce the downstream flooding caused by runoff flowing from Green Mountain. During major rain storms, there was significant flooding of the 6th Avenue Frontage Road, Indiana Street and other properties between 6th Avenue and Colfax Avenue. This project is a regional detention pond to reduce peak runoff rates downstream of the Fairgrounds. Design and construction costs were shared equally between Jefferson County and Urban Drainage & Flood Control District (UDFCD).



Completed Project

### Jefferson County Government Center Roadway Improvements

The Jefferson County Government Center Roadway Improvements Project is complete. The Regional Transportation District (RTD) advances toward Golden on the new West Corridor light rail extension project, Jefferson County built a new roadway extension to Johnson Road to accommodate the increasing traffic. By early 2013 the West Corridor light rail system, parking structure and train station will be open to the public. The new facility will be located just south of the Jefferson County Courts and Administration Building. Jefferson County Parkway is now connected to Johnson Road by a new roadway segment near the south side of the County Jail. This allows employees and visitors a second access point to Johnson Road. The current access from Johnson Road through the roundabout is currently closed due to the ongoing FasTracks project.



The milling process



Final Paving

## NEAT Meadow trail

This project included approximately half-mile long paved trail to complete the North Evergreen Activity Trails (NEAT) Meadow Trail which is the first piece of a larger NEAT Trail System that will connect local subdivisions, three public schools, the Buchanan Recreation Area, the Evergreen Fire & Rescue Department, and six shopping areas. NEAT is a trail system designed to provide safety, access, recreation and fitness throughout the community.

The purpose of the NEAT Meadow Trail is to provide trail access, fill in trail gaps between existing trail segments, and to provide a safe continuous trail between Evergreen Middle School and Broadmoor Drive. The trail will be constructed on property owned by the county, schools, neighborhood homeowners' association, and a couple of private property owners.

Trail planning was completed by the Transportation and Engineering Division Staff and the NEAT board and steering committee, with input from the Colorado division of Wildlife's District Manager, a Jefferson County Environmental Specialist, historic liaison, and a Safe Routes to School Coordinator.

The trail is a 6-foot wide concrete trail with a maximum slope of 8%. It incorporates a minor rock wall, culvert, ADA compliant curb and gutter, re-seeding of disturbed areas and erosion control measures. Trail design standards used include those from the American Association of State Highway and Transportation official's Guide for the Development of Bicycle Facilities, the Federal Highway Administration's Bicycle Lanes Versus Wide Curb Lanes, Traffic Controls for Bicycle Facilities, and Policy on Geometric Design.

The Road and Bridge Division Constructed the trail. Funds for this project included a \$200,000 grant awarded in April, 2008, for the Great Outdoors Colorado and donated to NEAT.



Prior to construction



During construction



Prior to construction



After Construction