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CITY OF THORNTON PARKS & OPEN SPACE
CHERRYWOOD PARK
THORNTON, CO

Architect: Design Concepts

Construction of this seven-acre City park, located adjacent to Adams Twelve Five Star Prairie Hills Elementary School, was completed in 2003, providing a shared use facility for the both the school and local community. To complete the design of the City park, the existing 17 acre-foot detention pond was redesigned to incorporate the layout of a baseball field, soccer field, climbing hill and shelter within the bottom by reconfiguring the outlet to maintain historic release rates. Pond storage outside of the pond bottom play fields was sufficient to contain the minor storm event within the educational wetlands located at the bottom detention pond without inundation.

Play areas overlooking climbing hill

School & playgrounds overlooking pond bottom ballfields

Sheltered pavilion located at pond bottom

Several children's play areas, a sheltered pavilion and a multi-use play field were located above the pond. These areas were directly connected into the school playgrounds. Site ADA access from the bottom of the pond to the adjacent sites was achieved without retaining walls exceeding ADA requirements. An wetland area was incorporated at the base of the pond to enhance stormwater quality and provide an educational area for the school and local community.

Project experience while at Loris and Associates, Inc.

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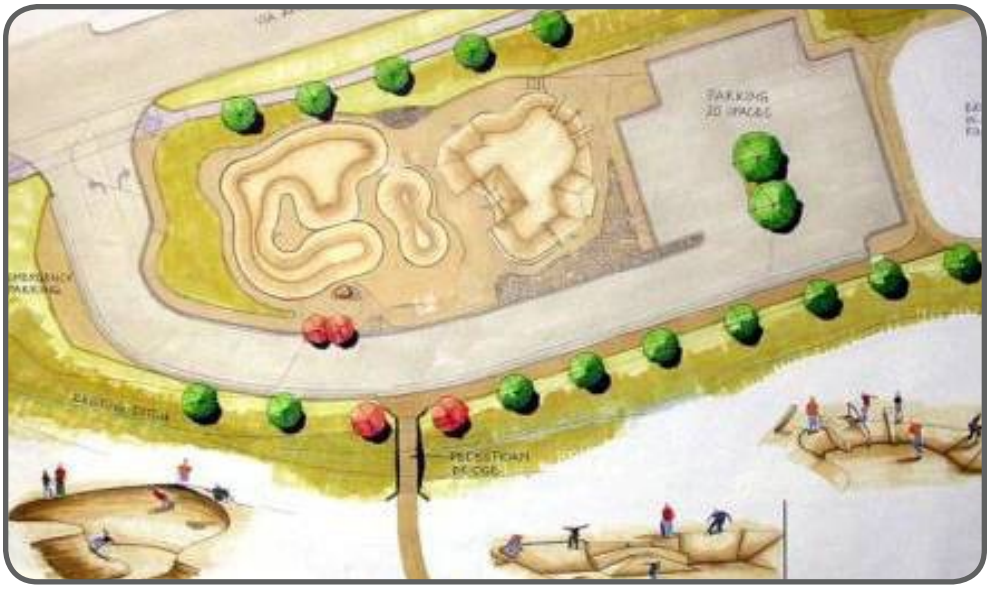
CITY OF LOUISVILLE
LOUISVILLE COMMUNITY SKATE PARK
LOUISVILLE, CO



Final Skate park rendering by Design Concepts

Architect: Design Concepts

Louisville Community Skate Park, currently under construction, was a much anticipated projects for many of the young residents of Louisville. Inline skaters and skateboarders from the surrounding community were asked to provide design feedback and ideas to assist in creating a skate park facility that could not only teach beginners but challenge experts.

The project, located at the corner of Via Appia and McCaslin Boulevards, was placed adjacent to an existing inline hockey rink at an elevation 15-feet below the bordering Via Appia Boulevard. The complexity of this infrastructure design was challenging due its proximity to a major drainage way, and its location at the bottom of a hill below Harper Lake, causing a high groundwater table.

To accomplish the task of placing a skate park, comprised of below ground skate "bowls" in a high groundwater elevation area, an underground dewatering system was designed around each skate bowl to alleviate subsurface pressure on the bowls, and minimize the chances of slippery wet concrete surfaces within the bowls. A road entrance was provided off Via Appia Boulevard, and was designed to provide parking lot access to the skate park, and a future street connection the adjacent police station and municipal court building also under construction. Onsite storm sewer was designed to drain water from inside the skate bowls and convey subsurface drainage to the adjacent major drainage way and regional detention pond. Site circulation and access included sidewalks, crusher fine trails and a connection to the adjacent Louisville Arboretum via a pedestrian bridge crossing over the local drainage way. Construction is anticipated to be completed fall of 2004.

Pre-construction photo - New skate park will be located behind the existing inline hockey rink

Pre-construction photo - Louisville Community Skate Park at proposed road entrance

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BOULDER COUNTY PARKS & OPEN SPACE
ANTELOPE DRIVE TRAILHEAD
LYONS, CO

Cul-de-sac overlooking native drystack wall

Boulder County Parks and Open Space Department

Design of this scenic Boulder County Parks and Open Space trailhead located outside the town of Lyons, was completed in 2002. The redesigned area included eight new trailhead parking spaces within the cul-de-sac parking area. To create a flat area large enough to design a cul-de-sac with an internal parking island, native rock material from the area was used to create a drystack retaining wall. The use of this material blended with the surroundings and provided a more natural feel for this entrance into Hall Ranch Open Space.

Entrance to Antelope Drive Trailhead, Boulder County Hall Ranch Open Space

Native drystack wall

Cul-de-sac parking overlooking drystack wall

Hall Ranch is a 3206-acre wild life habitat home to many rare and protected animals. This property, previously home to the Arapaho and Cheyenne Indian tribes, now consists of over 12 miles of multi-use hiking, mountain-biking and equestrian trails as well as a group shelter and picnic area.

Native drystack wall

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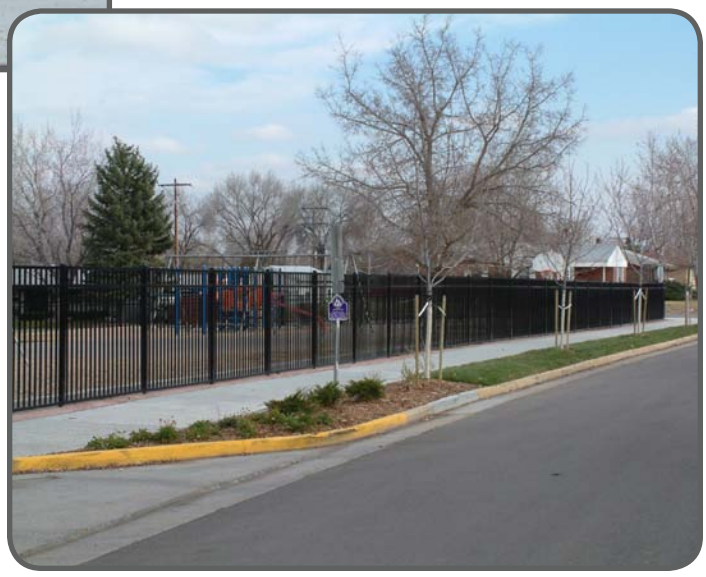
CITY AND COUNTY OF BROOMFIELD
EMERALD STREETSCAPE
BROOMFIELD, CO

Elmhurst streetscape tree lawn and rumble strip

Architect: Winston & Associates

This City and County of Broomfield capital improvement project, completed in 2004, included detaching existing four and five foot wide sidewalks adjacent to Emerald Elementary School to promote child safety and provide an aesthetic face-lift to the existing streets. Sidewalks were detached providing a five-foot landscape buffer between the streets and sidewalks with an adjacent low-maintenance patterned rumble strip on the outside edge for pedestrian comfort. Design also included new school drivecuts and updating site handicap ramps to meet ADA standards requiring truncated dome landings at the base of ramps.



Elmhurst Streetscape overlooking school playgrounds

Emerald Streetscape overlooking new ADA curb ramp

Emerald Streetscape overlooking drive entrance

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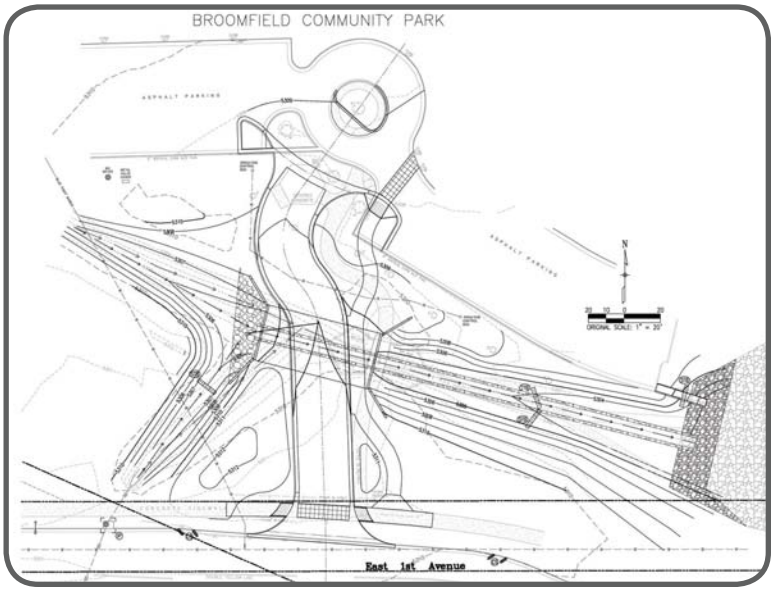
CITY & COUNTY OF BROOMFIELD
COMMUNITY PARK DRIVE
BROOMFIELD, CO

Aerial View of the existing park & future Community Park Drive

City and County of Broomfield Capital Improvements Project

To improve access and circulation to the existing baseball fields and City skate park, Community Park Drive, was designed. The project, currently scheduled for construction in the spring of 2006, minimizes the number of parking spaces lost with this new roadway by connecting to the existing parking lot round-about. A two-way drive isle was constructed on the south half of the round-about, converting the north end into a drop-off loop, while providing improved emergency access through the south half of the round-about which was not previously feasible.

A three-sided box culvert was installed over the flood-plain conveying 2500 cubic feet per second of water, effectively increasing the conveyance capacity through the narrow flood plain. The box culvert was designed to allow future channel improvements to excavate underneath the box culvert without removal and replacement of the structure. A new sidewalk provides ADA access and connects East First Avenue to the existing park facilities.



Site plan layout of Community Park Drive

Existing pedestrian bridge overlooking downstream drop structure (top)

Existing pedestrian bridge, shelter & round-about (right)

Project experience while at Loris & Associates, Inc.