

# Concrete Overlays

## Concrete Results

### The Challenge

The Foothills Park & Recreation District is a special district formed in 1959 to focus on parks and recreational facilities in Jefferson County Colorado. The district maintains several recreation centers and golf courses throughout Jefferson County. One portion of an asphalt parking lot for the Lilley Gulch Recreation Center, where the buses load and unload center users, was in very poor shape, and in need of reconstruction. The district was considering a complete reconstruction of this portion of the lot with full depth asphalt, but they were concerned with the high cost of maintaining the asphalt in the bus loading areas.

### The Solution

The district decided to overlay the existing asphalt pavement with concrete pavement. Additionally, they specified a concrete overlay for the concrete sidewalk and existing curb and gutter sections. Several transition sections required full depth concrete pavement as well.

### The Results

The patrons arriving by bus at the Lilley Gulch Recreation Center are now greeted by a bright, beautiful and safe concrete parking area. And the district not only saved money over the asphalt reconstruction alternative, but they will also enjoy years of low maintenance, freeing up future budget dollars to spend on other important recreation projects.

## Lilley Gulch Recreation Center

6147 S. Holland Way, Littleton, CO

### Design Factors:

- 3.5 inch concrete overlay
- 5 inch full depth repairs
- Existing curb, gutter and sidewalk overlaid as well
- Drainage issues mitigated

### Concrete Placement:

- 4,000 psi concrete w/macro fiber
- Laser Screed placement
- 4 feet O.C. joint spacing
- Early entry saw cut

**PAVE AHEAD**

DURABLE. SUSTAINABLE. CONCRETE.

