

# Concrete Paths

## 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, trails, and golf courses throughout Jefferson County. The asphalt trail at Wingate South Park, located in Littleton, had reached the end of its service life, and the district was considering removing and replacing the trail with asphalt. This approach would have required removal of a large amount of material in an area with few access points.

### The Solution

The district decided to instead overlay the existing asphalt trail with concrete pavement. This approach saved the district the cost and associated environmental impact of removing the existing asphalt from the park. Once the new concrete overlay was in-place, the district added shoulder material to ensure the safety of trail users. There were several areas that required new construction to improve drainage and/or safety.

### The Results

Trail users at Wingate South Park are now greeted by a beautiful, bright, and safe concrete trail running through the scenic open space. And the district not only saved time and money over the asphalt reconstruction alternative, but they will also enjoy years of low maintenance, freeing up money to spend on other important recreation projects within the district.



AFTER

### Wingate South Park Trail

South Garrison St & West Ute Ave  
Littleton, CO

### Design Factors:

- 4" unbonded concrete overlay
- 4" concrete in areas requiring full-depth replacement
- No curb
- Drainage issue near middle of project area was mitigated

### Concrete Placement:

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



BEFORE