

Concrete Results

Concrete Overlays

The Challenge

Founded in 1892, Mount Olivet Cemetery is the final resting place for some 150,000 people. It is located in Wheat Ridge, CO and is owned and operated by the Archdiocese of Denver.

In 1989, faced with ever increasing maintenance of the asphalt roadway system, the cemetery's facility manager was looking for pavement options. With the majority of his maintenance budget committed to general grounds and sprinkler system upkeep, there was very limited funding available for pavement reconstruction.

The Solution

The facility manager turned to a familiar material to upgrade the roadway system— CONCRETE! In doing so, Mount Olivet was one of the first to construct a concrete overlay of an existing asphalt roadway in Colorado. Other than cleaning the asphalt pavement, very little preparation work was required. The concrete overlay thickness varied between five and six inches and was placed directly on the existing asphalt roadway.

The Results

Placed in 1989, the concrete overlay roadways are now approaching thirty years of continuous service. The concrete roadway system has required very little maintenance, allowing the focus of the facility management group to stay on the rest of the grounds, which is most important to both the Archdiocese and to the cemetery's many visitors.



Mount Olivet Cemetery
12801 W. 44th Ave, Wheat Ridge, CO

Design Factors:

- 5"- 6" concrete overlay
- Placed on clean and dry existing asphalt pavement
- 5,000 cubic yards of concrete placed

Concrete Placement:

- 4,000 psi concrete w/macro fiber
- Vibratory screed placement
- 9-11 feet O.C. joint spacing
- Full size concrete saw