

**Final Design of Parking Lot and Drainage Improvements South of the Poudre School District  
Administration Building, Fort Collins, CO**

**Client:** Frank Rayder  
Poudre School District  
2407 LaPorte Avenue  
Fort Collins, Colorado 80521  
(970) 490-3532



**ANDERSON CONSULTING ENGINEERS, INC.**  
*Civil • Water Resources • Environmental*

Anderson Consulting Engineers, Inc. (ACE) was contracted by the Poudre School District to design and provide final construction drawings for parking lot and drainage improvements south of the **Poudre School District Administration Building**. The following specific tasks were conducted for this project:

- Collection of existing site data and coordination of the surveying efforts necessary to develop existing topography;
- Coordination of a geotechnical investigation to aid in the design of the pavement section;
- Hydraulic evaluation and final design of a nearly 370 linear-foot storm sewer;
- Hydraulic evaluation and final design of a Type R inlet to collect runoff from N. Impala Drive and discharge into the storm sewer;
- Hydraulic evaluation and final design of an overflow swale and concrete drain pan, which was integrated into the parking lot design;
- Final grading plan for the parking lot;
- Preparation of Bid Documents and Project Specifications; and
- Construction services provided during the approximately two-month construction period.



**Admin Building Parking Lot  
Drainage Improvements**



**Type-R Inlet on North Impala Drive**