

**11-6-19 SDCL REVIEW  
RENTAL CAR PARKING LOT EXPANSION  
RAPID CITY REGIONAL AIRPORT**

**DESCRIPTION OF REQUEST**

The Rapid City Regional Airport requests approval from the Planning Commission in regards to the 11-6-19 SDCL review for the *Rental Car Parking Lot Expansion Project*. This project was initiated by the rental car agencies conducting business at the Airport. The agencies were coping with inadequate storage area for rental vehicles to meet the demands of the Airport patrons. The issue was further aggravated by the deteriorating conditions of the existing facilities.

The existing employee and rental car parking facilities were developed in conjunction with the Terminal Building. Historical information indicated that the facilities were constructed with curb and gutter utilizing a pavement which consisted of an aggregate base covered with multiple layers of seal coat materials. While this method of construction provided a very economical initial cost, its long-term integrity cannot be maintained without continual applications of the seal coat materials. Once the surface began to fail, the deterioration of the surrounding areas occurred at a fairly rapid pace. This deterioration also caused the curb and gutter to fail prematurely due to variations in their vertical alignment. Due to the age of these parking facilities and their deterioration, it was agreed upon by the Airport and the rental car agencies that these facilities be abandoned and reconstructed in their entirety.

In conjunction with the reconstruction of these parking facilities, the expansion of each was considered to meet their current demand and provide for future expansion of both of these elements. The most economical expansion of the rental car parking lot was northerly and slightly westerly. This however impacts the existing employee parking lot. The employee parking lot was relocated northerly and expanded both northerly and easterly. Both of these expansions result in a relocation of a portion of the service road in the vicinity of these parking lots.

Previously the rental car parking facility accommodated approximately 117 vehicles and the employee lot approximately 90 vehicles for a total capacity of 207 vehicles. With input from the rental car agencies the proposed parking lot layout yielded a total of 396 stalls as follows:

- 263 storage/employee parking spaces
- 123 rental customer pick-up/drop-off parking spaces
- 10 handicap parking spaces

Parking lot construction consisted of concrete curb & gutter, concrete sidewalks, bituminous pavement, storm sewer modifications, lighting modifications, pavement markings, cable guardrail and miscellaneous items.