

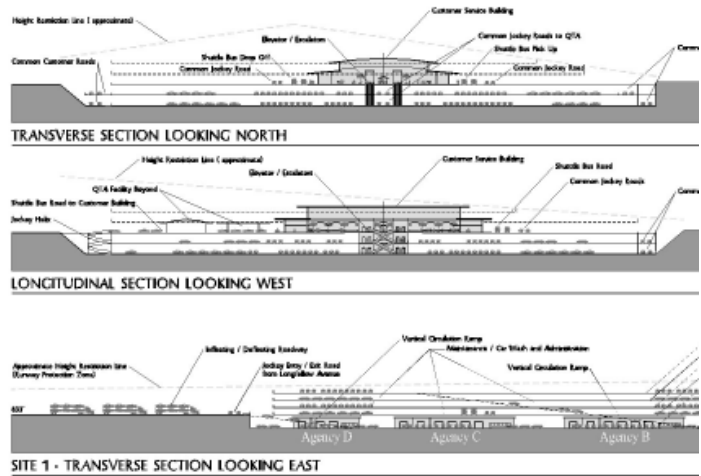
CONSOLIDATED RENTAL CAR FACILITY

Minneapolis / Saint Paul International Airport - Minneapolis, Minnesota

ALBERSMAN & ARMSTRONG, LTD. has worked with the Metropolitan Airports Commission on a variety of assignment over the past ten years. Some of these assignments included;

2000 - Remote Consolidated Rental Car Facility Analysis:

- Collaboration with the RAC industry
- Space requirements
- Review existing rental car surveys
- Interview rental car agency representatives
- Observe the existing rental car operations
- Compare to similar facilities at other airports
- Evaluate site constraints and design parameters
- Document planning goals
- Number of spaces (storage & ready /return)
- Counter workstations / customer service building
- Functional adjacencies
- Prepare conceptual alternatives
- Vehicle storage
- Quick-turn-around area (QTA)



2001 - Analysis designed to estimate the number of years that the existing rental car facility can be expected to serve the rental car industry and identify alternatives for prolonging the life of the facility.

- Estimate future rental car transactions
- Estimate the ratio of rental car transactions to originating enplanements.
- Evaluate capacity of the quick-turn-around facility
- Evaluate the capacity of the rental car counter area.
- Evaluate the capacity of the ready / return car area
- Expansion alternatives
- Conclusions

2008 - Assistance to Kimley-Horn to prepare design documents for development of the new rental car facility at the Humphrey Terminal.

- Prepare background drawings
- Sizing Analysis
- Survey rental car industry for transaction information
- Review previous sizing calcs prepared by others
- Review existing and future enplanement forecasts
- Estimate the size and no. of rental car components
- Determine the appropriate size of a rental car facility for Terminal 2 in terms of:
 - Ready / return spaces
 - Customer service counters
 - Fueling and car wash facilities (QTA facilities)
 - Vehicle stacking
 - Concept planning
 - Pedestrian flow
 - Vehicle flow
 - Allocation and reallocation flexibility
 - Compatibility with Airport master plan
 - Compatibility with public parking

