

### **5.3 Support/Ancillary Facilities Alternatives Analysis**

The preferred airfield concept displaces a number of existing support/ancillary facilities. Major facilities that require relocation by the airfield concept include two cargo facilities in the Southwest Cargo Area, two maintenance hangars, two flight kitchens, ARFF Station No. 2, two GSE maintenance facilities in the Northwest Maintenance Area, and the new FBO facility in the former military area. A number of smaller facilities would also be affected.

This section discusses alternatives explored to accommodate these affected facilities as well as accommodate growth in support/ancillary facilities projected in the facility requirements discussion in Section 4.3. Areas evaluated to accommodate these facilities were based on the development areas identified for the preferred airfield concept (see Section 5.1.5 for discussion of development areas).

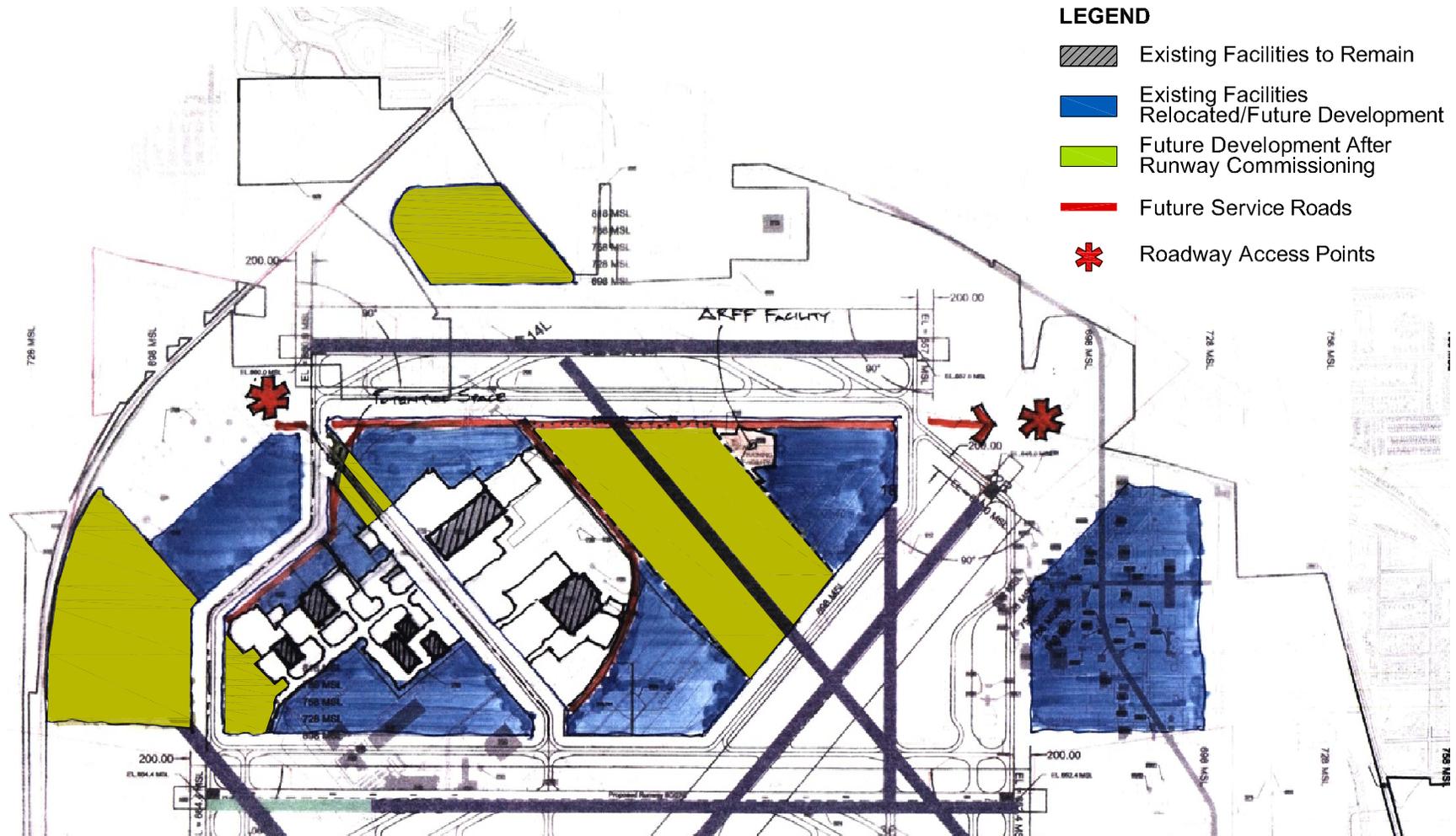
The primary areas identified for potential support/ancillary facility relocation and development include the Northwest Maintenance Area in the North Airfield, which can be expanded in both the east and west directions as the result of the closure of Runways 18-36, 14L-32R, and 14R-32L; the former military site in the North Airfield; and the Southwest Cargo Area in the South Airfield, which can be expanded to the west after relocation of the Union Pacific Railroad and to the east after closure of Runway 14R-32L. Concepts for relocation of affected support facilities and available development areas for future expansion in these areas are discussed in the following sections.

#### **5.3.1 North Airfield Development Concepts**

**Exhibit V-60** shows the parcels available for development in the North Airfield, which include the Northwest Maintenance Area and former military area. A significant amount of space is potentially available to accommodate the relocation of impacted facilities and the development of new facilities. The area available would increase substantially upon closure of Runways 14L-32R and 14R-32L.

**Exhibits V-61** through **V-63** show the initial concepts developed for the Northwest Maintenance Area and former military area under various assumptions regarding available land and access. The initial concepts include the following:

- *Initial Concept 1*, shown on Exhibit V-61, depicts total redevelopment of the Northwest Maintenance Area and assumes the availability of property currently occupied by Runway 14L-32R and water detention facilities east of this runway. Cargo facilities would line the south and southeast boundaries of the site, with airline maintenance facilities located along the north side of the site. Access would be from the east via Lee Street and west via either York Road or the Mount Prospect Road entrance.
- *Initial Concept 2*, shown on Exhibit V-62, maintains existing facilities not affected by the preferred airfield concept as remaining in their current location and avoids impacting detention facilities east of Runway 14L-32R. Development of new or relocated facilities is proposed for an area west of the connector taxiway between the Runway 9L and Runway 9C ends, for the area currently occupied by Runway 14L-32R, and for the former military site. Access is shown running from the military site under Runway 4L-22R to the maintenance area and continuing west to York Road or the Mount Prospect Road entrance. The potential for development of facilities north of Runway 9L-27R is also shown.

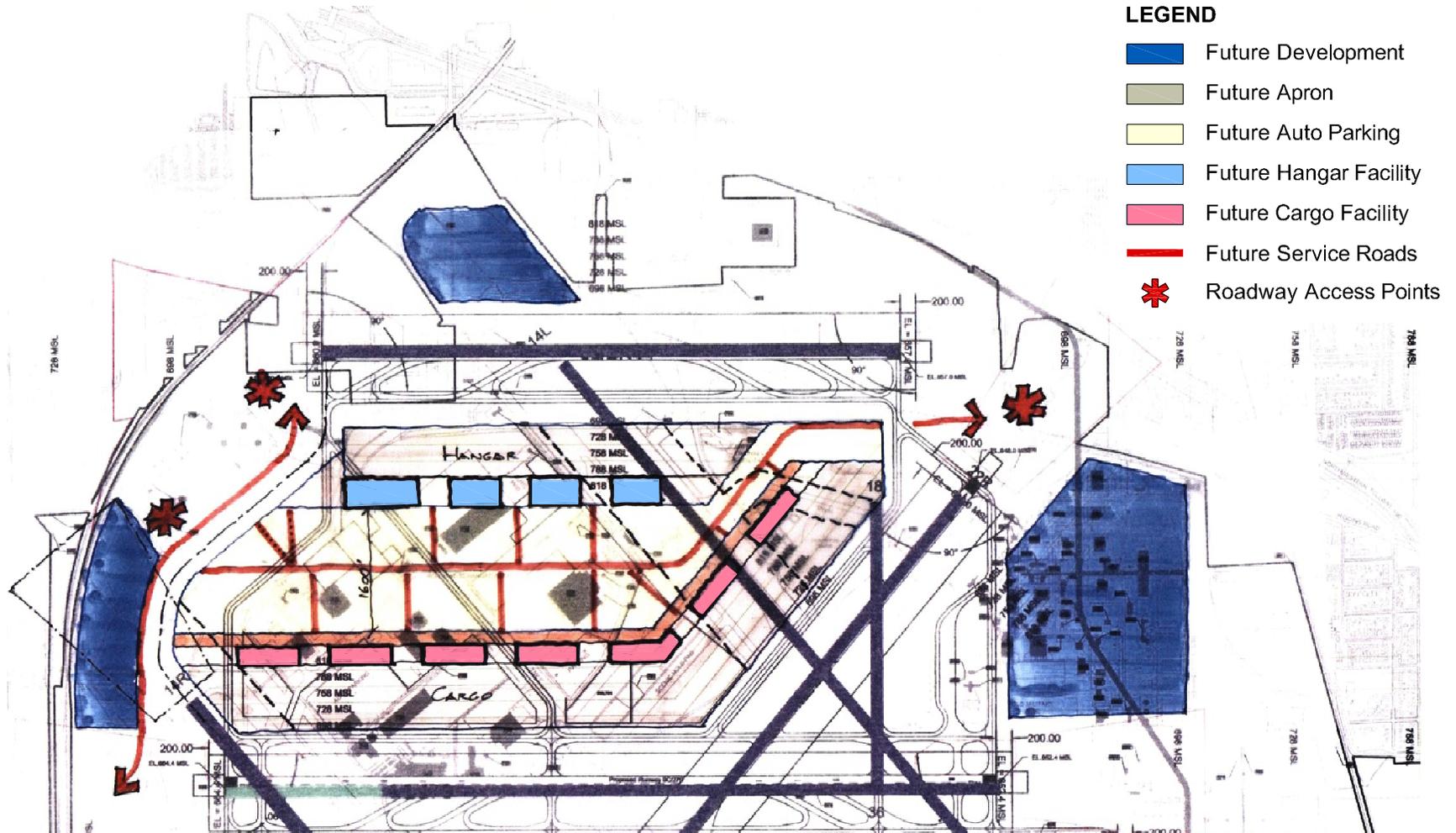


Source: Ricondo & Associates, Inc.; Martinez Corp. Aerial Photography (1996);  
Department of Aviation Airport Management and Records  
Prepared by: Ricondo & Associates, Inc.

Exhibit V-60



### North Airfield Development Areas



**LEGEND**

- Future Development
- Future Apron
- Future Auto Parking
- Future Hangar Facility
- Future Cargo Facility
- Future Service Roads
- \* Roadway Access Points

Source: Ricondo & Associates, Inc.; Martinez Corp. Aerial Photography (1996);  
 Department of Aviation Airport Management and Records  
 Prepared by: Ricondo & Associates, Inc.

Exhibit V-61



**North Airfield  
 Initial Concept 1**