

7.3.1 Inner Approach Plans and Profiles

The Inner Portion of the Approach Surface Drawings provides a detailed view of the inner areas of RPZ surfaces and CFR 14 Part 77 approach surfaces. The RPZ is an area off each runway end designed to enhance the protection of people and property on the ground. The RPZ begins 200 feet off the end of the runway, and extends along the runway centerline in a trapezoidal shape. Size of the RPZ is a function of the design aircraft, and visibility minimums of the runway's instrument approach capabilities. The Inner Portion of the Approach Surface Drawings is based upon future planned approaches to each runway end and illustrates large-scale plan and profiles. The drawings identify roadways, railroads, structures, power lines, and other potential obstructions that may lie within the confines of each runway end's inner approach surface area. **Figure 7-11** and **Figure 7-12** depict the Inner Portion of the Approach Surface drawings.

7.3.2 Departure Plans and Profiles

Departure Surface Drawings graphically depict applicable runway departure surfaces as defined in Table 3-2, *Approach/Departure Standards Table* in FAA AC 150/5300-13A, *Airport Design*. The departure surfaces are shown for each runway end that is primarily designated for instrument departures. Departure runway ends supporting air carrier operations show one-engine inoperative (OEI) obstacle identification surface (OIS) and vertically guided protection surfaces. Departure Surface and Vertically Guided Protection Surface drawings for HDN are shown in **Figure 7-13** through **Figure 7-16**.