

## **APPENDIX C: AIRPORT LAYOUT PLAN DRAWINGS**

At the conclusion of the Alternatives Analysis, an evaluation was made of future options for airfield and landside development. This resulted in the selection of an alternative for the future development of Chandler Municipal Airport. Specific improvements needed to accommodate previously identified requirements for airport facilities were noted in the Airport Development Schedule and Financial Analysis. This appendix provides the Airport Layout Plan drawings that depict the results of the previous analysis, including the specific projects recommended for development, the impact of these projects on airspace and approaches to the Airport, land uses around the Airport, and the Airport's property map.

A set of plans, referred to as Airport Layout Plans, has been prepared to graphically depict the recommendations for airfield layout, disposition of obstructions, and future use of land in the vicinity of Chandler Municipal Airport. This set of plans includes the following:

- Sheet Index
- Airport Layout Plan
- Part 77 Airspace Plan
- Approach Zones Profiles
- Runway Protection Zone Plans and Profiles
- Land Use Plan
- Airport Property Map

The airport layout plan set has been prepared on a computer-aided drafting system for future ease of use. The computerized plan set provides detailed information of existing and future facility layout on multiple layers that permit the user to focus in on any section of the Airport at any desirable scale. The plan can be used as base information for design, and can be easily updated in the future to reflect new development and more detail concerning existing conditions as made available through design surveys. The plan set is provided in 22-inch x 34-inch reproducible hard copy in accordance with current FAA standards. The airport layout plan set has been developed in accordance with FAA-Western Pacific Region and ADOT-Aeronautics Division through the use of checklists provided by both agencies.

In order to comply with A.R.S. 28-8486, the Land Use Plan was developed to include overlays of the traffic pattern airspace and the airport noise contours for the 2025 condition using 60 and 55 DNL contours (55 DNL is required by the City of Chandler).

The drawings comprising the airport layout plan set for Chandler Municipal Airport are depicted in the following sheets.