

CITY COUNCIL WORKSHOP



NAMPA MUNICIPAL AIRPORT MASTER PLAN



Kimley-Horn
and Associates, Inc.

February 1, 2011

NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

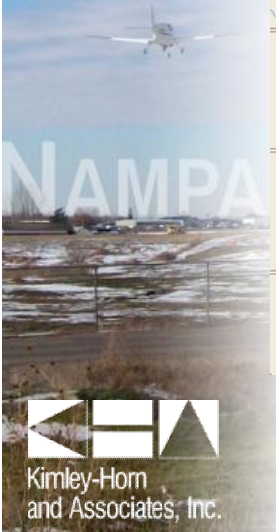
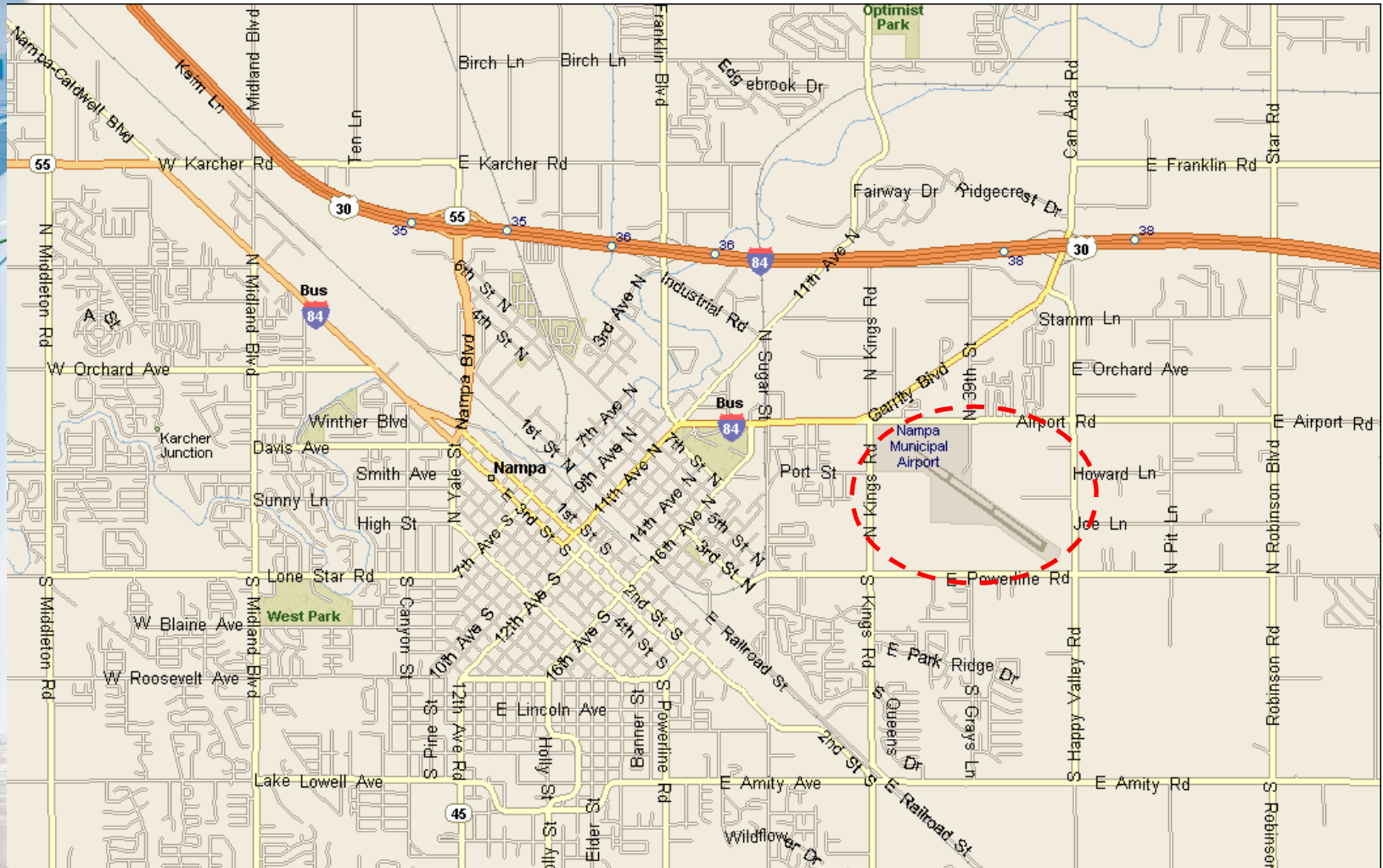
AGENDA

- **Airport Overview**
- **Study Overview & Process**
- **Master Plan Summary**
- **Airport Development Plan**
- **Questions & Answers**



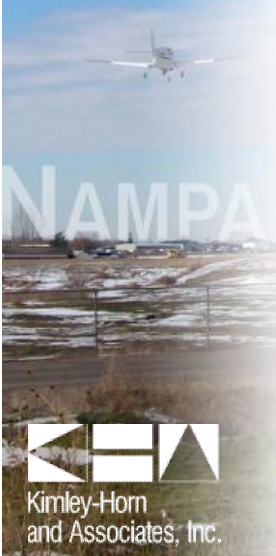
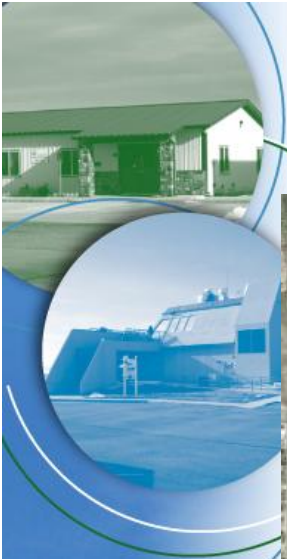
NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

AIRPORT OVERVIEW



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

AIRPORT OVERVIEW



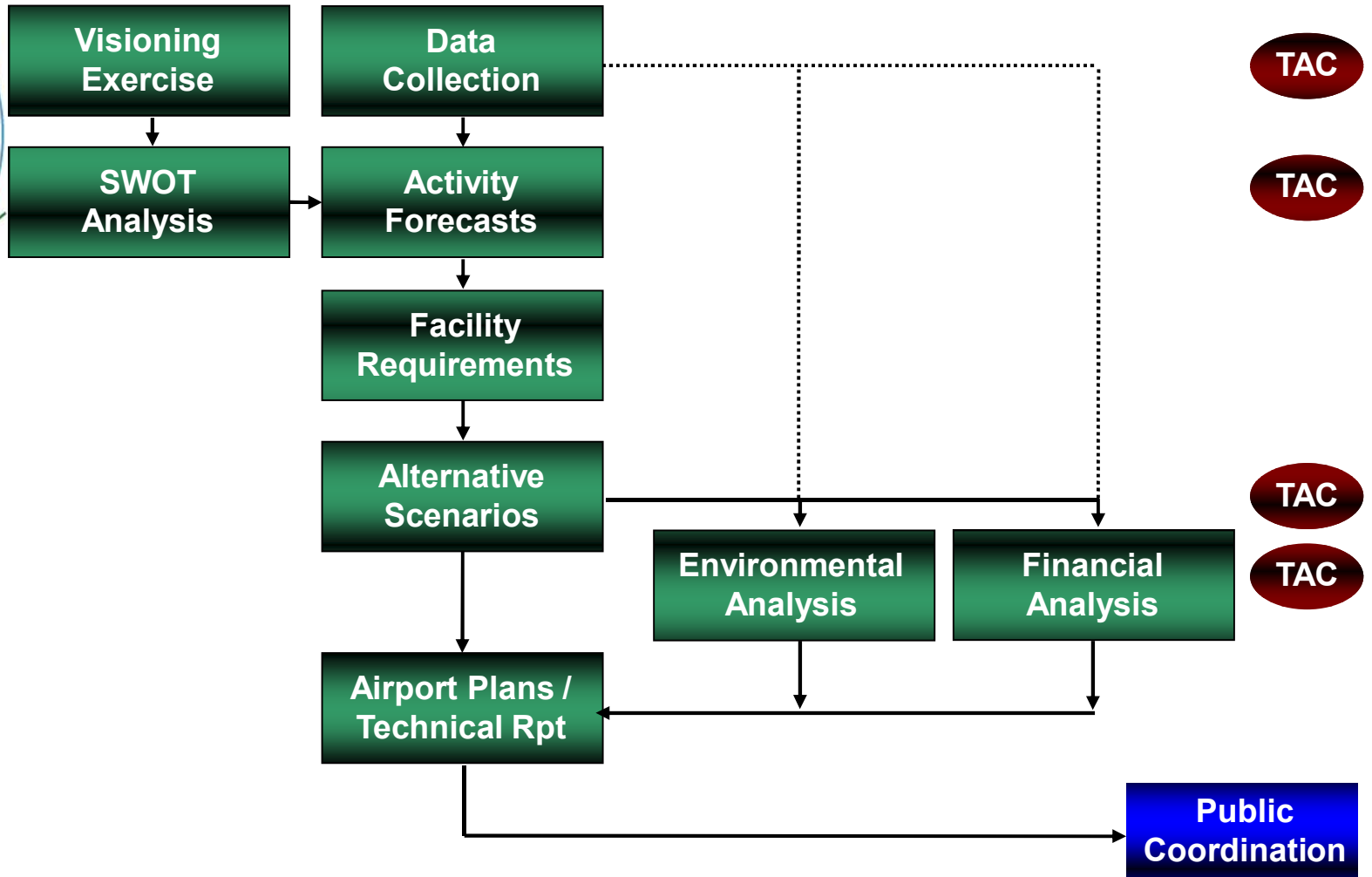


NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE **STUDY OVERVIEW & PROCESS**

- **Grant Funded from FAA and ITD**
- **Stakeholder Involvement – Multiple sources throughout the project**
 - **Technical Advisory Committee (TAC)**
 - 25 members representing the City, Canyon County, FAA, ITD, local chamber of commerce, business leaders, airport tenants, Airport Commission, and Airport staff.
 - Four meetings at key milestones of the project.
 - Input solicited & provided throughout process.
 - Aided in defining goals & objectives, identifying needed improvements, refining development plans.
 - **Public Meetings**
 - Three meetings held at key milestones.
 - **City Meetings**
 - Visioning Meeting
 - Airport Commission Meeting

NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

STUDY OVERVIEW & PROCESS





NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE
MASTER PLAN SUMMARY

- **Master Plan spans a 20-year period**
- **Maintains a flexible framework**
- **Study Culmination**
 - Capital Improvement Program
 - Airport Layout Plan set
- **Aviation Activity Forecasts**
 - 2008 – 330 Based Aircraft; 72,000 operations (est.)
 - 2028 – 562 Based Aircraft; 130,000 operations
 - 2.7% – 3% Annual Growth Rate 2008-2028



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE **MASTER PLAN SUMMARY**

- **Facility Requirements**
 - Ensure each functional area has long-term flexibility and growth potential
 - Capability to respond to changes in demand
- **Airfield Requirements**
 - Maintain design parameters to ARC B-II standards
- **General Aviation & Landside Requirements**
 - GA area: 26 acres additional needed by 2028
 - Includes hangars, apron areas, vehicle parking
 - **Primary focus areas for development:**
 - Apron and parking expansion near existing terminal area
 - Expansion of east hangar areas
 - New potential FBO/Terminal area on east airfield



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE
MASTER PLAN SUMMARY

- **Alternative Development Concepts**

- **Multiple concepts developed**

- 3 Airfield
- 3 Land Use
- 3 General Aviation

- **Examined ways to provide needed facilities identified in facility requirements**

- **Goal to provide balanced airfield and GA complex**

- **Environmental Review**

- **No Additional Noise Impacts Based on Future Enhancements**

- **No Natural Resource Areas Impacted**

- **Minimal Risk of Encountering Hazardous Materials**

- **No Anticipated Wetland Impacts – Mason Creek/Ultimate Expansion Areas**



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE
MASTER PLAN SUMMARY

- **Financial Plan**

- Outlines programmed improvements and analyzes financial feasibility
- Capital Improvement Program (CIP)
- Provides general financial guidance in making policy decisions

- **Airport Layout Plan (ALP)**

- Outlines and reflects major improvements in the preferred development plan recommended through 2028
- Serves as primary tool for future growth guidance



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE **AIRPORT DEVELOPMENT PLAN**



Kimley-Horn
and Associates, Inc.



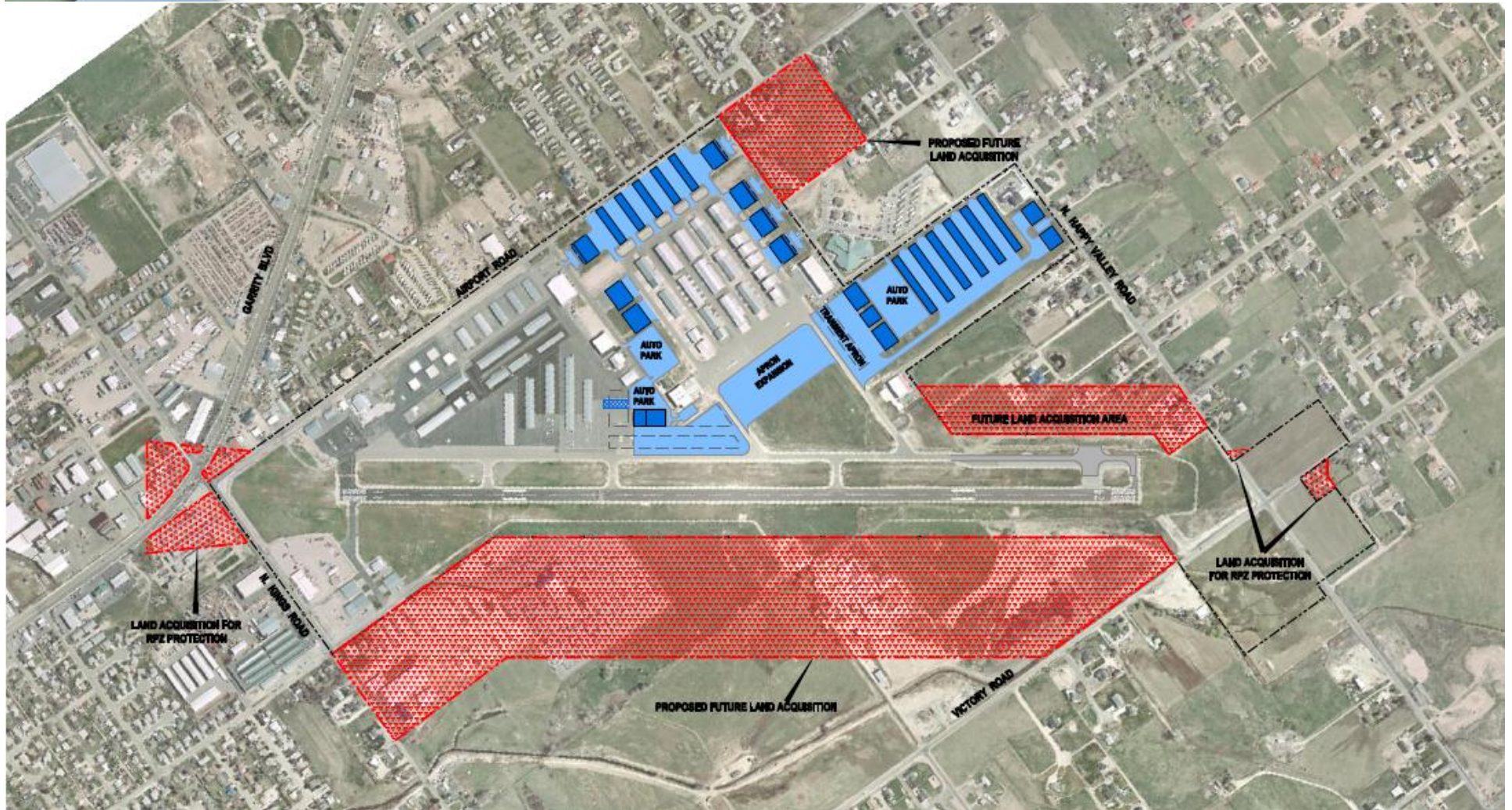
NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE
AIRPORT DEVELOPMENT PLAN

- **Preferred Airport Development Concept
(Planning Period: current – 2028)**
 - Hangar and Apron expansions at existing Terminal and East Apron Areas
 - New Terminal area option for existing and east area locations
 - Land Acquisition areas for future airfield expansion and approach protection

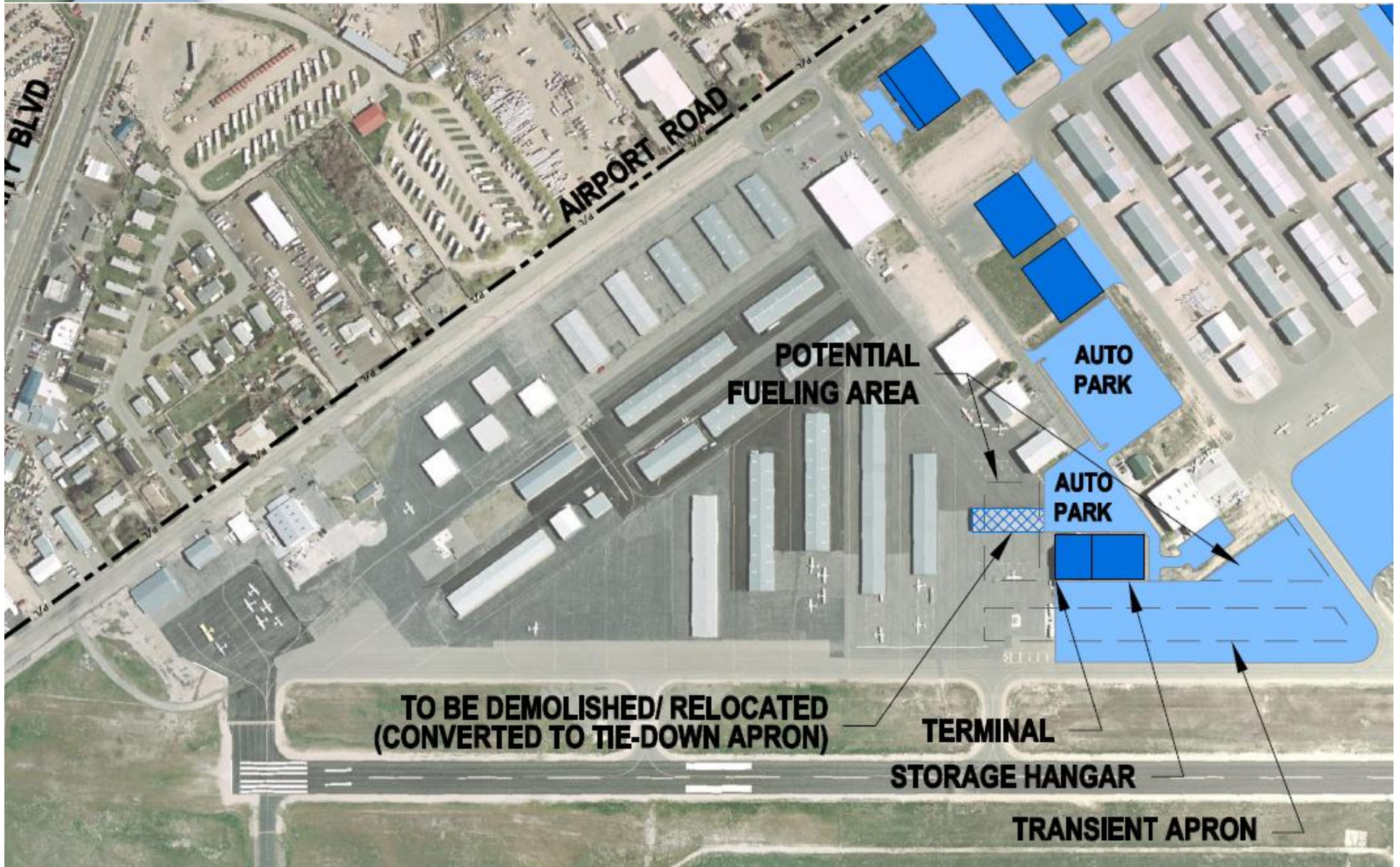


NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

AIRPORT DEVELOPMENT PLAN: FUTURE CONFIGURATION (20 YR PLANNING PERIOD)

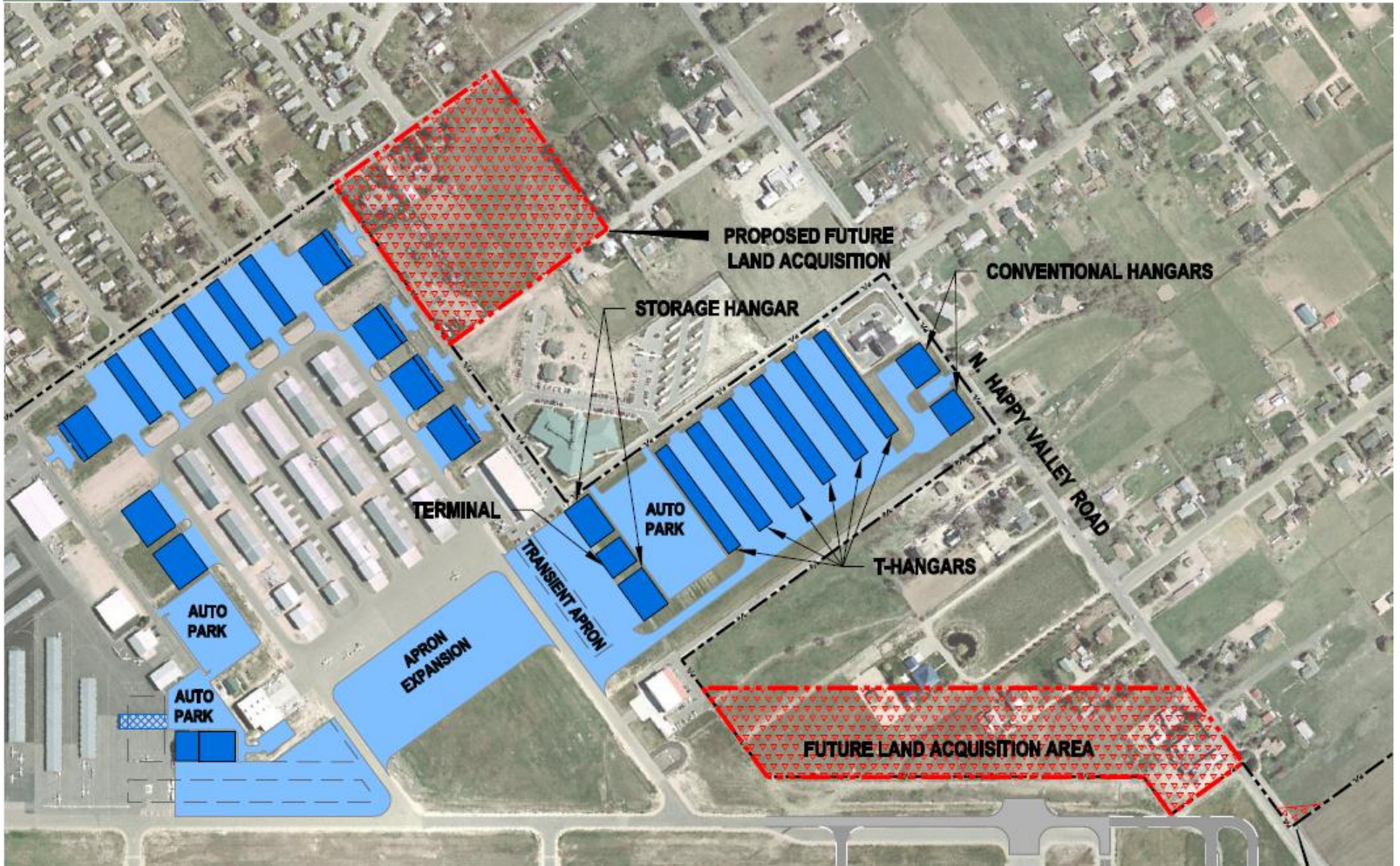


NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE **AIRPORT DEVELOPMENT PLAN – WEST AREA**



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

AIRPORT DEVELOPMENT PLAN – EAST AREA





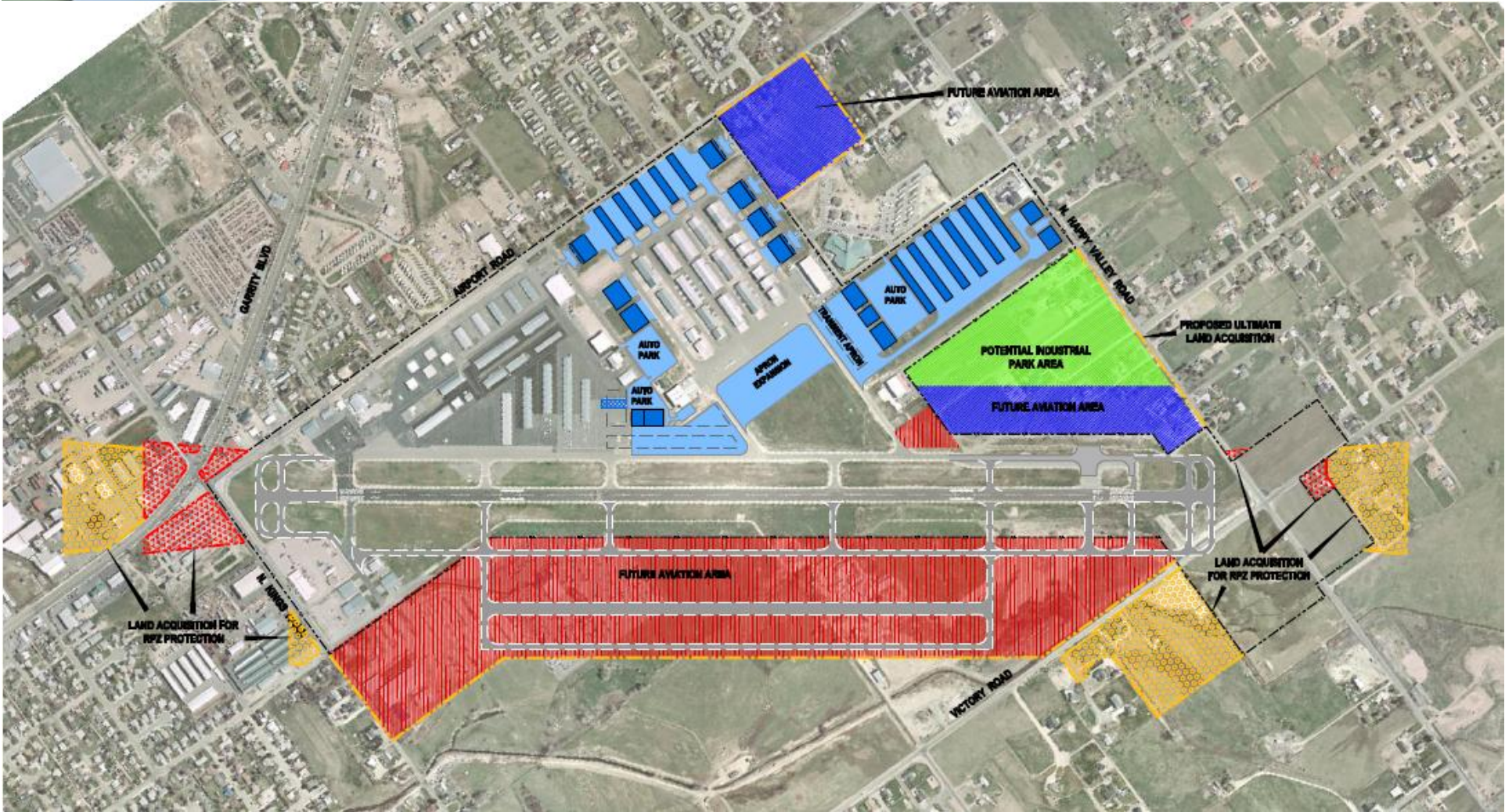
NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE
AIRPORT DEVELOPMENT PLAN

- **Preferred Airport Development Concept (Beyond 20-year planning period)**
 - Extension of existing Runway 11-29 by 1,000 feet (500 foot extension on each end), with consideration for declared distances
 - Provisional layout of new 3,200' parallel runway 700 feet southwest of existing runway
 - Consolidated Industrial Park area identified along Happy Valley Road
 - Additional aviation development areas identified for potential expansion:
 - SE corner of Airport Road and Pilatus Lane
 - Area adjacent to potential Industrial Park development area



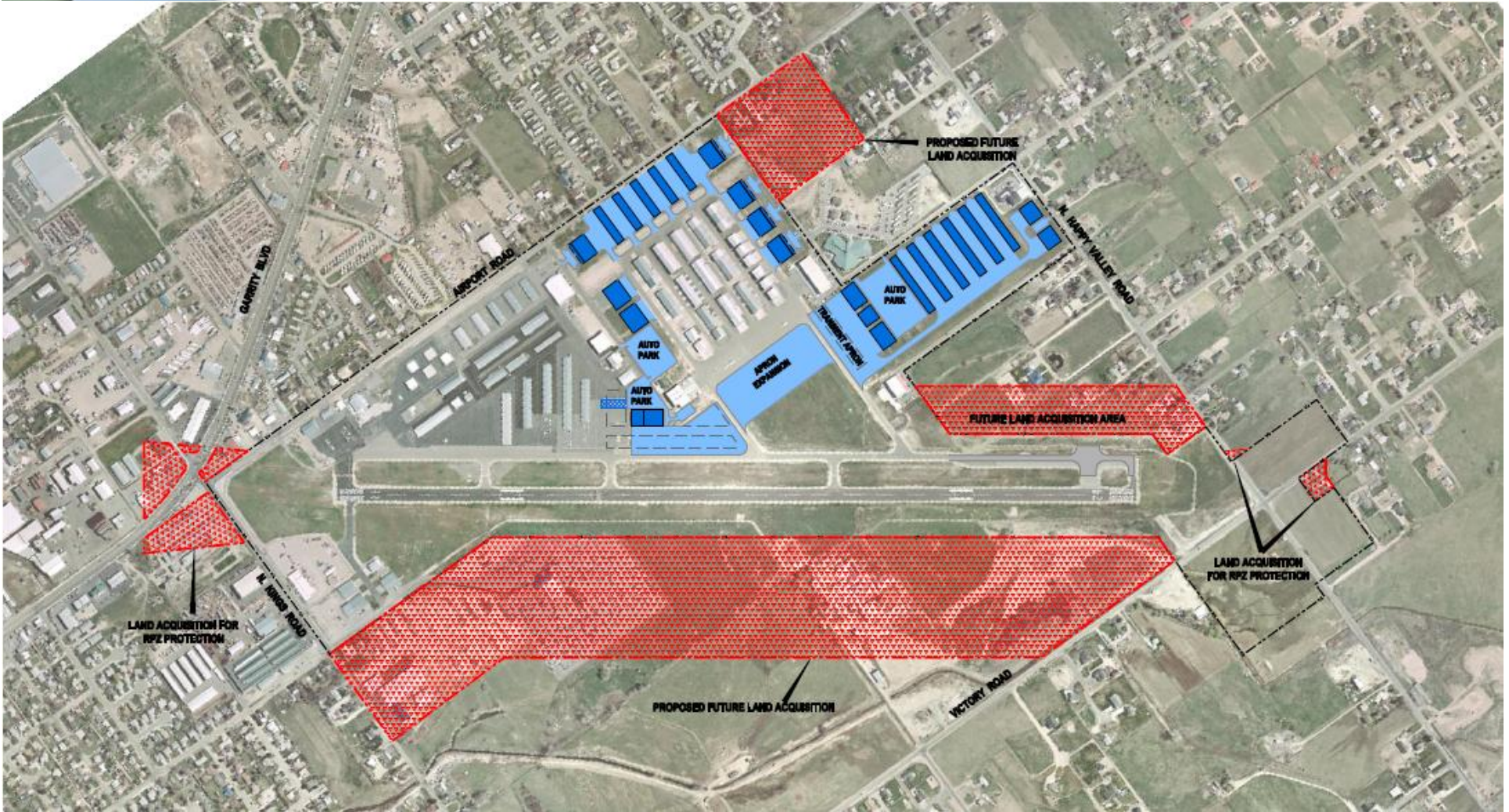
NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

AIRPORT DEVELOPMENT PLAN: ULTIMATE CONFIGURATION (BEYOND 20 YRS)





NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE CAPITAL IMPROVEMENT PROGRAM



Kimley-Horn
and Associates, Inc.

NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

CAPITAL IMPROVEMENT PROGRAM SUMMARY

Item	Phase 1 (2010-2015) TOTAL	Phase 2 (2016-2020) TOTAL	Phase 3 (2021-2030) TOTAL	PROGRAM TOTAL
General Aviation Area	\$2,376,500	\$5,105,100	\$328,800	\$7,810,400
Surface Transportation Facilities	\$508,900	\$463,000	\$0	\$971,900
Miscellaneous & Maintenance	\$7,826,800	\$2,893,400	\$19,406,700	\$30,126,900
CIP TOTALS	\$10,712,200	\$8,461,500	\$19,735,500	\$38,909,200



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

CIP FUNDING SUMMARY

Item	Estimated Capital Costs	Federal	State	Local
General Aviation Area	\$7,810,400	\$6,013,690	\$158,255	\$1,638,455
Surface Transportation Facilities	\$971,900	\$728,080	\$19,160	\$224,660
Miscellaneous & Maintenance	\$30,126,900	\$26,009,860	\$684,470	\$3,432,570
CIP TOTALS	\$38,909,200	\$32,751,630	\$861,885	\$5,295,685



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

CIP FUNDING SUMMARY

Funding Source	Phase 1 (2010-2015)	Phase 2 (2016-2020)	Phase 3 (2021-2030)	Total
FAA	\$8,579,600	\$5,599,000	\$18,573,000	\$32,751,600
State Aeronautics Division	\$225,800	\$147,300	\$488,800	\$861,900
Local/Airport Fund	\$806,800	\$315,200	\$623,700	\$1,745,700
Unknown Source	\$1,100,000	\$2,400,000	\$50,000	\$3,550,000
CIP TOTALS	\$10,712,200	\$8,461,500	\$19,735,500	\$38,909,200



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

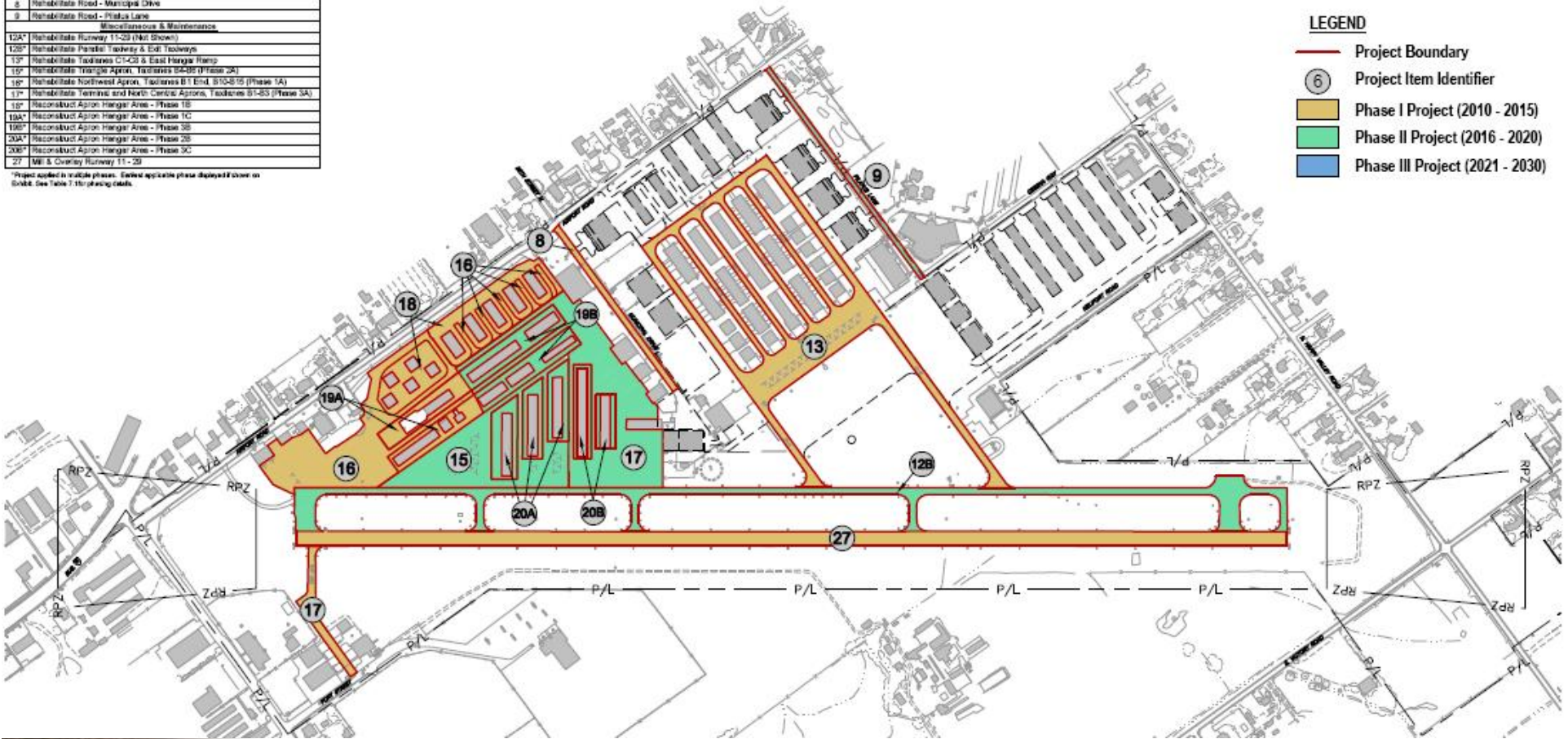
CIP FUNDING SUMMARY

CIP Project List	
ID	Project
Surface Transportation Facilities	
a	Rehabilitate Road - Municipal Drive
b	Rehabilitate Road - Pitkin Lane
Miscellaneous & Maintenance	
12A	Rehabilitate Runway 11-20 (Not Shown)
12B	Rehabilitate Parallel Taxiway & Exit Taxiway
13	Rehabilitate Taxiways C1-C3 & East Hangar Ramp
15	Rehabilitate Hangar Apron - Taxi Area 14000 (Phase 2A)
16	Rehabilitate Northwest Apron - Taxiway B1 End, B1C-B1D (Phase 1A)
17	Rehabilitate Terminal and North Central Aprons, Taxiway B1-B3 (Phase 3A)
18	Reconstruct Apron Hangar Area - Phase 1B
18A	Reconstruct Apron Hangar Area - Phase 1C
18B	Reconstruct Apron Hangar Area - Phase 1D
20A	Reconstruct Apron Hangar Area - Phase 2B
20B	Reconstruct Apron Hangar Area - Phase 2C
27	M/I & Overlay Runway 11-20

*Project applied in multiple phases. Entire applicable phase displayed if shown on GNM. See Table 7.1 for phasing calls.

LEGEND

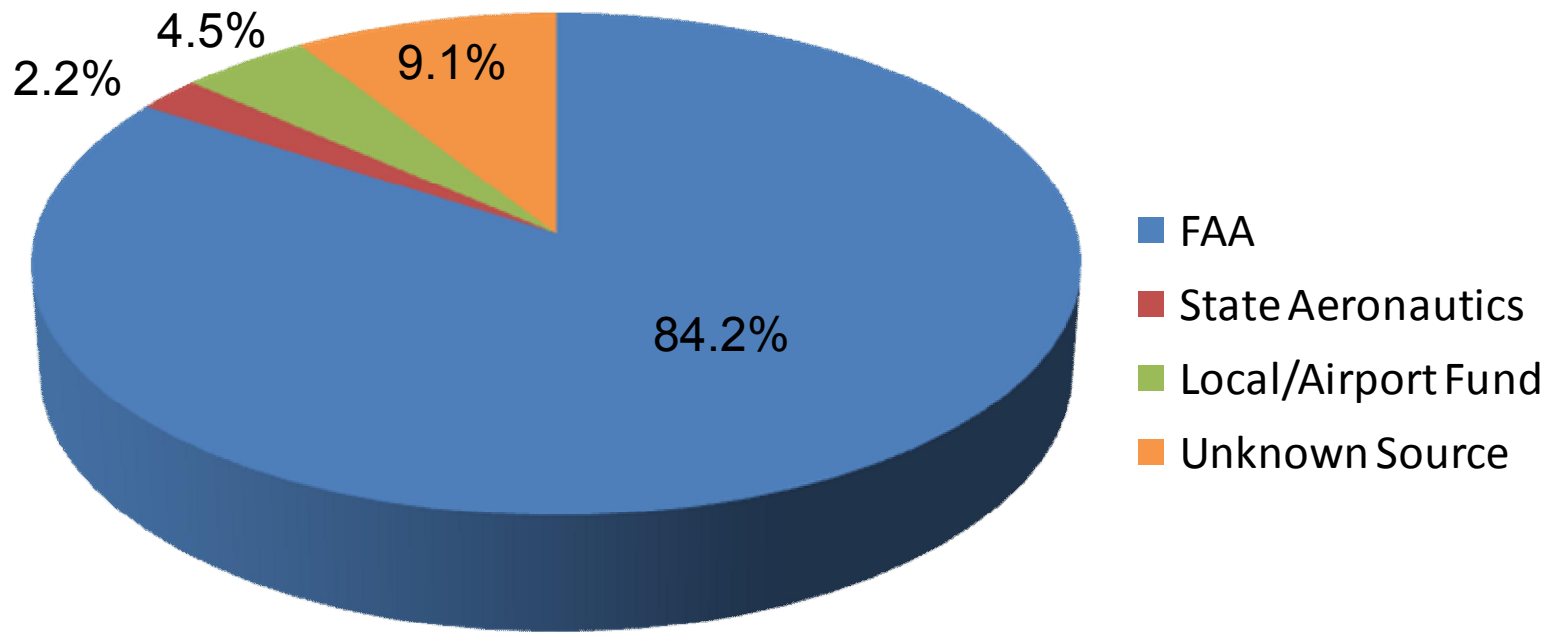
- Project Boundary
- Project Item Identifier
- Phase I Project (2010 - 2015)
- Phase II Project (2016 - 2020)
- Phase III Project (2021 - 2030)



NAMPA MUNICIPAL AIRPORT - MASTER PLAN UPDATE

CIP FUNDING SUMMARY

CIP Funding Sources





QUESTIONS & ANSWERS