



MASTER PLAN

Appendix

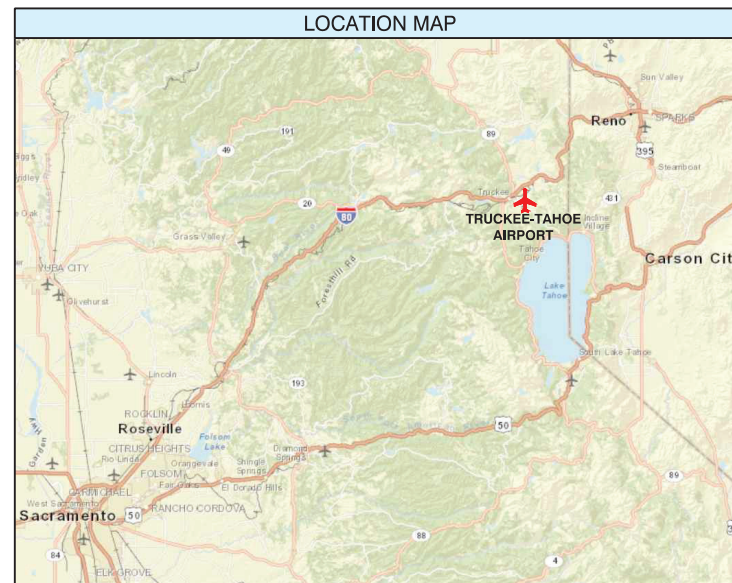
Appendix C. Airport Layout Plan

MASTER PLAN

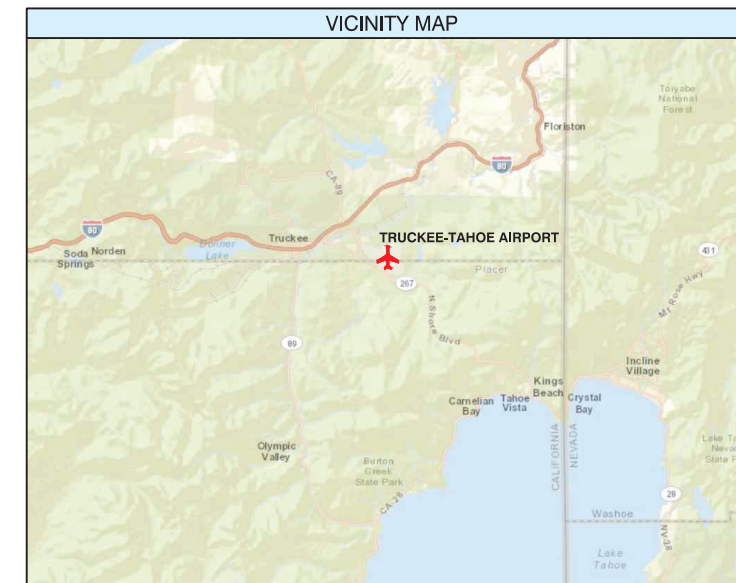


Truckee-Tahoe Airport Airport Layout Plan

Truckee, California
Truckee-Tahoe Airport District
July 2015



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SUBMITTED BY:
Truckee-Tahoe Airport District

By _____

Title _____ Date _____

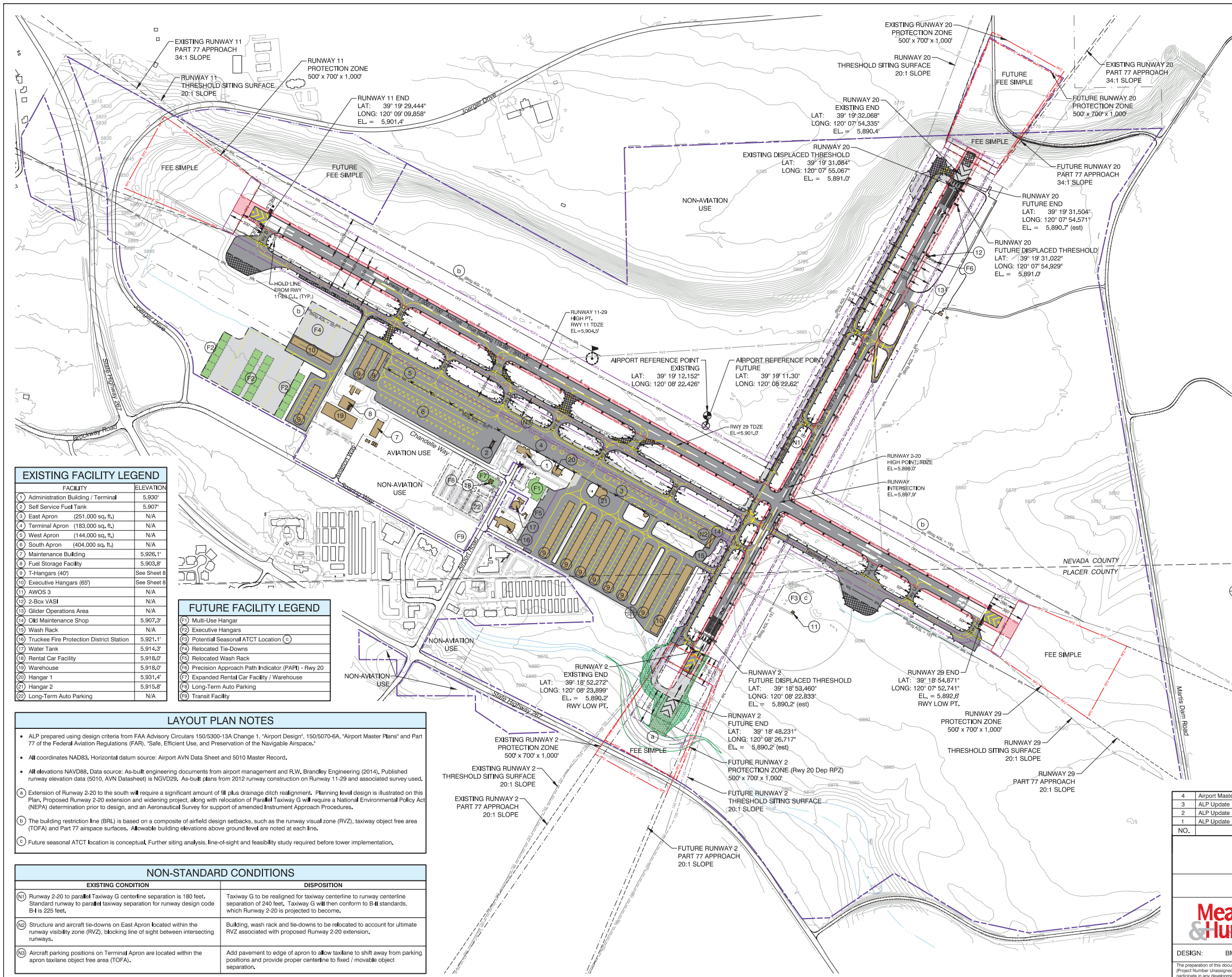
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
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1	ALP Update	PBS&J	2005
NO.	REVISION	SPONSOR	DATE

TRUCKEE-TAHOE AIRPORT TRUCKEE, CALIFORNIA

INDEX

	133 Aviation Boulevard, Suite 100 Santa Rosa, California 95403 (707) 526-5010 Fax (707) 526-9721 www.meadhunt.com	
	DESIGN: BM DRAWN: TE/BM DATE: JULY 2015 SHEET 1 OF 11	

The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration (Project Number Unassigned) as provided under Title 49 U.S.C., Section 47104. The contents do not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable or would have justification in accordance with appropriate public laws.



DRAWING LEGEND		
	EXISTING	FUTURE
ACTIVE AIRFIELD PAVEMENT	—	—
PAVEMENT TO BE REMOVED	N/A	—
AIRPORT PROPERTY	—	—
AIRPORT REFERENCE POINT	●	⊗
COUNTY BOUNDARY	—	N/A
TOWN OF TRUCKEE BOUNDARY	—	N/A
RUNWAY SAFETY AREA (RSA)	—	—
RUNWAY PROTECTION ZONE (RPZ)	—	—
RUNWAY OBJECT FREE AREA (ROFA)	—	—
TAXIWAY OBJECT FREE AREA (TOFA)	—	—
OBSTACLE FREE ZONE (OFZ)	—	—
AWOS CRITICAL AREA (ACA)	—	N/A
BUILDING RESTRICTION LINE (BRL)	—	N/A
RUNWAY VISIBILITY ZONE (RVZ)	—	—
FAR PART 77 APPROACH SURFACE	—	—
THRESHOLD SITING SURFACE (TSS)	—	—
BUILDING - ON AIRPORT	—	—
BUILDING - ON AIRPORT - TO BE RELOCATED	—	N/A
BUILDING - OFF AIRPORT	—	N/A
TAXIWAY MARKING (C.L. / TIE-DOWNS)	—	—
BEACON	★	N/A
VISUAL APPROACH SLOPE INDICATOR (VASI)	—	N/A
PRECISION APPROACH PATH INDICATOR (PAPI)	—	—
WIND CONE	—	N/A
RUNWAY LIGHTS (EDGE/THRESHOLD/REL/TWY)	—	—
RUNWAY / TAXIWAY SIGN	—	—
UTILITY / LIGHT POLE	—	N/A
PUBLIC ROAD / PARKING LOT	—	—
FENCE	—	N/A
FILL FOR RUNWAY AND RSA EXTENSION	N/A	—
CHANNEL / STREAM / DITCH	—	N/A
TERRAIN CONTOUR	—	—
CENTER SECTION MARKER	—	N/A

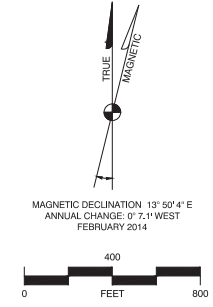
EXISTING FACILITY LEGEND		
FACILITY	ELEVATION	
1 Administration Building / Terminal	5,930'	
2 Self Service Fuel Tank	5,907'	
3 East Apron (251,000 sq. ft.)	N/A	
4 Terminal Apron (183,000 sq. ft.)	N/A	
5 West Apron (144,000 sq. ft.)	N/A	
6 South Apron (404,000 sq. ft.)	N/A	
7 Maintenance Building	5,926.1'	
8 Fuel Storage Facility	5,903.8'	
9 T-Hangers (40)	See Sheet B	
10 Executive Hangars (65)	See Sheet B	
11 AWOS 3	N/A	
12 2-Box VASI	N/A	
13 Glider Operations Area	N/A	
14 Old Maintenance Shop	5,907.3'	
15 Wash Rack	N/A	
16 Truckee Fire Protection District Station	5,921.1'	
17 Water Tank	5,914.3'	
18 Rental Car Facility	5,918.0'	
19 Warehouse	5,918.0'	
20 Hangar 1	5,931.4'	
21 Hangar 2	5,915.8'	
22 Long-Term Auto Parking	N/A	

FUTURE FACILITY LEGEND		
FACILITY	ELEVATION	
1 Multi-Use Hangar		
2 Executive Hangars		
3 Potential Seasonal ATCT Location (C)		
4 Relocated Tie-Downs		
5 Relocated Wash Rack		
6 Precision Approach Path Indicator (PAPI) - Rwy 20		
7 Expanded Rental Car Facility / Warehouse		
8 Long-Term Auto Parking		
9 Transit Facility		

LAYOUT PLAN NOTES

- ALP prepared using design criteria from FAA Advisory Circulars 150/5300-13A Change 1, "Airport Design", 150/5070-6A, "Airport Master Plans" and Part 77 of the Federal Aviation Regulations (FAR), "Safe, Efficient Use, and Preservation of the Navigable Airspace."
- All coordinates NAD83, Horizontal datum source: Airport AVN Data Sheet and 5010 Master Record.
- All elevations NAVD83, Data source: As-built engineering documents from airport management and R.W. Branley Engineering (2014), Published runway elevation data (5010, AVN Datasheet) is NAVD83. As-built plans from 2012 runway construction on Runway 11-29 and associated survey used.
- Extension of Runway 2-20 to the south will require a significant amount of fill plus drainage ditch realignment. Planning level design is illustrated on this Plan. Proposed Runway 2-20 extension and widening project, along with relocation of Parallel Taxiway G will require a National Environmental Policy Act (NEPA) determination prior to design, and an Aeronautical Survey for support of amended Instrument Approach Procedures.
- The building restriction line (BRL) is based on a composite of airfield design setbacks, such as the runway visual zone (RVZ), taxiway object free area (TOFA) and Part 77 airspace surfaces. Allowable building elevations above ground level are noted at each line.
- Future seasonal ATCT location is conceptual. Further siting analysis, line-of-sight and feasibility study required before tower implementation.

NON-STANDARD CONDITIONS	
EXISTING CONDITION	DISPOSITION
Runway 2-20 to parallel Taxiway G centerline separation is 180 feet. Standard runway to parallel taxiway separation for runway design code B-I is 225 feet.	Taxiway G to be realigned for taxiway centerline to runway centerline separation of 240 feet. Taxiway G will then conform to B-I standards, which Runway 2-20 is projected to become.
Structure and aircraft tie-downs on East Apron located within the runway visibility zone (RVZ), blocking line of sight between intersecting runways.	Building, wash rack and tie-downs to be relocated to account for ultimate RVZ associated with proposed Runway 2-20 extension.
Aircraft parking positions on Terminal Apron are located within the apron taxiway object free area (TOFA).	Add pavement to edge of apron to allow taxiway to shift away from parking positions and provide proper centerline to fixed / movable object separation.



Submitted by: **Truckee Tahoe Airport Board**

By _____ Date _____

FAA Approval Space

NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
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TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA
AIRPORT LAYOUT PLAN

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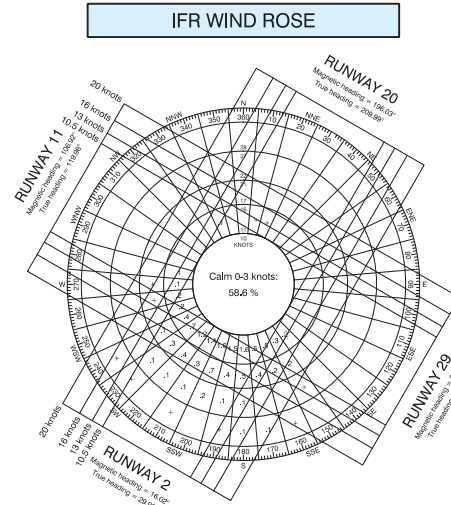
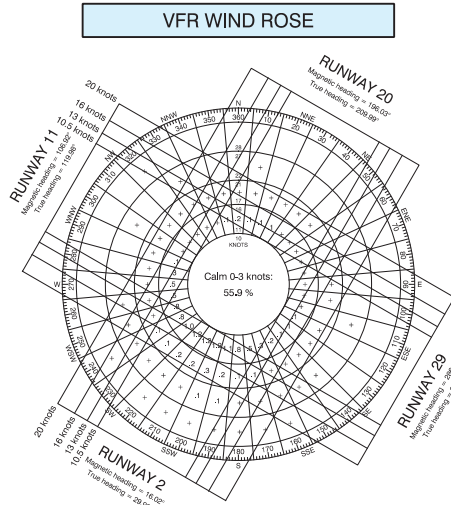
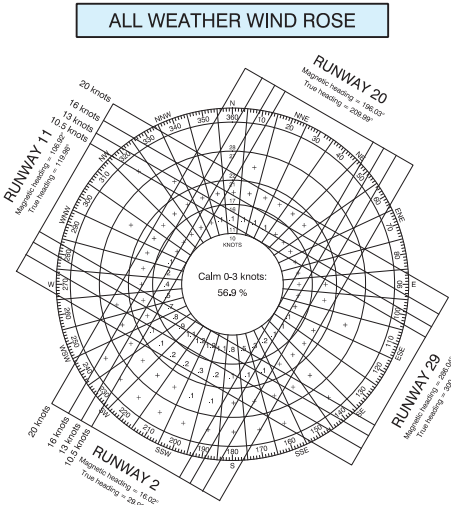
DESIGN: BM DRAWN: TE/BM DATE: JULY 2015 SHEET 2 OF 11

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AIRPORT DATA			
	EXISTING	FUTURE	
AIRPORT IDENTIFIER	KTRK	No Change	
AIRPORT REFERENCE CODE	B-II-5000	No Change	
MEAN MAX. TEMP. (Hottest Month) (d)	82.3° F (July)	No Change	
AIRPORT ELEVATION (Above Mean Sea Level) (c)	5,904.5'	No Change	
AIRPORT NAVIGATIONAL AIDS	Beacon, Seg. Circle, GPS, VASI, REILs	Same +PAPI, VAS	
AIRPORT REFERENCE POINT (b)	LATITUDE 39° 19' 12.152" N LONGITUDE 120° 08' 22.426" W	39° 19' 11.30" N 120° 08' 22.62" W	
MISCELLANEOUS FACILITIES	Fuel: 100LL, JET-A, powerplant and airframe service	No Change	
CRITICAL AIRCRAFT	Citation Citation V 560	No Change	
MAGNETIC VARIATION	13° 50' 4" E Feb. 2013	Moving 0' 7.1" W/Year	
NPIAS SERVICE LEVEL	Regional/General Aviation	No Change	
STATE SERVICE LEVEL	Regional	No Change	
AIRPORT ACREAGE (l)	Fee Simple Aviation Easement	936 acres	966 acres

ALP DATA NOTES	
(a)	ALP prepared using design criteria from FAA Advisory Circulars 150/5300-13A Change 1, "Airport Design", 150/5070-6A, "Airport Master Plans" and Part 77 of the Federal Aviation Regulations (FAR), "Safe, Efficient Use, and Preservation of the Navigable Airspace."
(b)	All coordinates NAD83. Horizontal datum source: Airport AVN Datasheet and 5010 Master Record.
(c)	All elevations NAVD83. Data source: As-built engineering documents from airport management and R.W. Brandley Engineering (2014). Published runway elevation data (5010, AVN Datasheet) is NGVD29. As-built plans from 2012 runway construction on Runway 11-29 and associated survey used instead.
(d)	Temperature data source: Western Regional Climate Center, Station ID: Truckee Ranger Station, CA #049043.
(e)	Pavement design strength source: Truckee-Tahoe Airport District management per 2014 pavement maintenance plan.
(f)	Airport acreage calculated for immediate property dedicated to aviation functions. All Truckee-Tahoe Airport District property holdings are detailed on the Airport Property Maps, Sheets 10 and 11.
(g)	Declared distances proposed for future Runway 2-20 to obtain necessary length while obtaining standard RSA, and to mitigate unacceptable incompatible land uses in the RPZ (Highway 267). See Sheet 8 (Runway 2-20 Declared Distances) for more information.



RUNWAY DATA					
	RUNWAY 11-29		RUNWAY 2-20		
	EXISTING	FUTURE	EXISTING	FUTURE	
UTILITY / GREATER THAN UTILITY	Greater than Utility		Greater than Utility		
RUNWAY DESIGN CODE	B-II-VIS	B-II-5000	B-4-5000	B-II-5000	
APPROACH REFERENCE CODE	B-II-VIS	B-II-5000	B-4-5000	B-II-5000	
CRITICAL AIRCRAFT	AIRCRAFT	Citation Citation V 560	No Change	Beech Baron	Super King Air
	WINGSPAN	55.8'	No Change	37.7'	54.5'
	APPROACH SPEED (kts)	107	No Change	101	103
	MAX. TAKEOFF WT. (lbs.)	16,830	No Change	6,200	12,500
	COCKPIT TO MAIN GEAR	19'	No Change	7'	10'
	MAIN GEAR WIDTH	15'	No Change	8'	18'
TAXIWAY DESIGN GROUP	2	No Change	1A	2	
PAVEMENT STRENGTH AND MATERIAL TYPE	SURFACE MATERIAL	Asphalt	No Change	Asphalt	No Change
	DESIGN STRENGTH (f, 0.004) - SLO/DI	50/80/NA	No Change	35/50/-	No Change
	STRENGTH BY PCN	N/A	No Change	N/A	No Change
(c)	SURFACE TREATMENT	Grooved	No Change	N/A	No Change
EFFECTIVE GRADIENT (%)	(e)	0.126%	No Change	0.004%	0.010%
MAXIMUM GRADIENT (%)	(e)	0.377%	No Change	0.004%	No Change
VERTICAL LINE OF SIGHT PROVIDED	No - Parallel Twy	Yes	No - Parallel Twy	Yes	
RUNWAY LENGTH	7,000'	No Change	4,650'	5,055'	
RUNWAY WIDTH	100'	No Change	75'	100'	
RUNWAY END ELEVATIONS	(c)	11 5,901.4'	11 No Change	2 5,890.2'	2 5,890.2' (est)
		29 5,892.8'	29 No Change	20 5,890.4'	20 5,890.7' (est)
DISPLACED THRESHOLD	11 N/A	11 No Change	2 N/A	2 611'	
DISPLACED THRESHOLD ELEVATIONS	(c)	11 N/A	11 No Change	2 N/A	2 5,890.2' (est)
		29 N/A	29 No Change	20 5,891.0'	20 No Change
RUNWAY TOUCHDOWN ZONE ELEVATIONS	(c)	11 5,904.5'	11 No Change	2 5,898.0'	2 No Change
		29 5,901.0'	29 No Change	20 5,898.0'	20 No Change
RUNWAY HIGH POINT	(c)	5,904.5'	No Change	5,898.0'	No Change
RUNWAY LOW POINT	(c)	5,892.6'	No Change	5,890.2'	No Change
RUNWAY EDGE LIGHTING	Medium Intensity	No Change	Medium Intensity	No Change	
RUNWAY MARKING	11 Non-Precision	11 No Change	2 Non-Precision	2 No Change	
	29 Non-Precision	29 No Change	20 Non-Precision	20 No Change	
RUNWAY SAFETY AREA (RSA) LENGTH BEYOND RUNWAY END	REQUIRED	11 300'	11 No Change	2 240'	2 300'
	ACTUAL	29 300'	29 No Change	20 240'	20 300'
RUNWAY SAFETY AREA WIDTH	REQUIRED	150'	No Change	120'	150'
	ACTUAL	150'	No Change	120'	150'
RUNWAY PROTECTION ZONE (RPZ) (Inner Width x Outer Width x Length)	11 500' x 700' x 1,000'	11 No Change	2 500' x 700' x 1,000'	2 No Change	
	29 500' x 700' x 1,000'	29 No Change	20 500' x 700' x 1,000'	20 No Change	
PART 77 APPROACH CATEGORY	11 Non Prec. (C)	11 No Change	2 Visual (B)(V)	2 No Change	
	29 Visual (B)(V)	29 No Change	20 Non Prec. (C)	20 No Change	
PART 77 APPROACH SLOPE	11 34:1	11 No Change	2 20:1	2 No Change	
	29 20:1	29 No Change	20 34:1	20 No Change	
APPROACH VISIBILITY MINIMUMS	11 1/4 Mile	11 No Change	2 Visual	2 No Change	
	29 Visual	29 No Change	20 1/4 Mile	20 No Change	
AERONAUTICAL SURVEY REQUIRED (VERTICALLY GUIDED OR NOT)	11 Vert. Guided	11 No Change	2 Not Required	2 No Change	
	29 Not Required	29 No Change	20 Vert. Guided	20 No Change	
RUNWAY DEPARTURE SURFACE	11 40:1	11 No Change	2 40:1	2 No Change	
	29 40:1	29 No Change	20 40:1	20 No Change	
RUNWAY OBJECT FREE AREA (ROFA) (Length Beyond Runway End)	11 300'	11 No Change	2 240'	2 300'	
	29 300'	29 No Change	20 240'	20 300'	
RUNWAY OBJECT FREE AREA WIDTH	500'	No Change	400'	500'	
OBSTACLE FREE ZONE (OFZ) (Length Beyond Runway End)	11 200'	11 No Change	2 200'	2 No Change	
	29 200'	29 No Change	20 200'	20 No Change	
OBSTACLE FREE ZONE WIDTH	400'	No Change	400'	No Change	
INNER-APPROACH OFZ LENGTH (For Runways w/ Approach Lighting System, Begins 200' from Runway End @ 50:1)	11 N/A	11 No Change	2 N/A	2 No Change	
	29 N/A	29 No Change	20 N/A	20 No Change	
INNER-APPROACH OFZ WIDTH	N/A	No Change	N/A	No Change	
INNER-TRANSITIONAL OFZ WIDTH (For Runways w/ <3/4-mile Approach Visibility Minimums)	11 N/A	11 No Change	2 N/A	2 No Change	
	29 N/A	29 No Change	20 N/A	20 No Change	
PRECISION OBSTACLE FREE ZONE (Length x Width) (For Runways w/ vert. guided approach and <250' callout <3/4-mile visibility)	11 N/A	11 No Change	2 N/A	2 No Change	
	29 N/A	29 No Change	20 N/A	20 No Change	
THRESHOLD SITING SURFACE (Per AC 150/5300-13A, Table 3-2. See Airspace Plan for more information.)	11 (a) - Expected to serve large airplanes (visual obstructions or trees, etc. > 1.5M (day only))	11 No Change	2 (a) - Expected to serve large airplanes (visual obstructions or trees, etc. > 1.5M (day only))	2 No Change	
	29 (b) - Expected to serve large airplanes (visual obstructions or trees, etc. > 1.5M (day only))	29 No Change	20 (b) - Expected to support instrument flight ops, greater than approach Cat. B aircraft	20 No Change	
NAVIGATIONAL AIDS	11 N/A	11 GPS	2 N/A	2 No Change	
	29 N/A	29 No Change	20 GPS	20 No Change	
VISUAL AIDS	11 REILs	11 No Change	2 N/A	2 No Change	
	29 N/A	29 No Change	20 VASI (2B)	20 PAPI	

RUNWAY END COORDINATES (b)			
	EXISTING	FUTURE	
11	LATITUDE 39° 19' 29.444" N LONGITUDE 120° 09' 09.858" W	No Change	
29	LATITUDE 39° 18' 54.871" N LONGITUDE 120° 07' 52.740" W	No Change	
2	LATITUDE 39° 18' 52.272" N LONGITUDE 120° 08' 23.899" W	39° 18' 48.231" N 120° 08' 26.711" W	
20	LATITUDE 39° 19' 32.068" N LONGITUDE 120° 07' 54.335" W	39° 19' 31.504" N 120° 07' 54.571" W	

ALL WEATHER WIND COVERAGE				
RUNWAY	10.5 KNOTS (12 M.P.H.)	13 KNOTS (15 M.P.H.)	16 KNOTS (18.5 M.P.H.)	20 KNOTS (23 M.P.H.)
2-20	97.68%	99.07%	99.83%	99.97%
11-29	90.22%	94.21%	98.16%	99.45%
Combined	96.38%	98.85%	99.96%	99.99%
Number of Observations:		74,107		

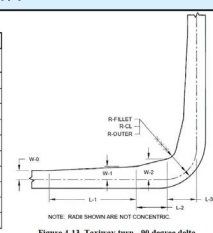
VFR WIND COVERAGE				
RUNWAY	10.5 KNOTS (12 M.P.H.)	13 KNOTS (15 M.P.H.)	16 KNOTS (18.5 M.P.H.)	20 KNOTS (23 M.P.H.)
2-20	97.64%	99.07%	99.84%	99.97%
11-29	90.20%	94.27%	98.27%	99.50%
Combined	96.41%	99.86%	99.97%	100.0%
Number of Observations:		68,631		

IFR WIND COVERAGE				
RUNWAY	10.5 KNOTS (12 M.P.H.)	13 KNOTS (15 M.P.H.)	16 KNOTS (18.5 M.P.H.)	20 KNOTS (23 M.P.H.)
2-20	97.60%	98.89%	99.63%	99.91%
11-29	87.21%	91.42%	96.14%	98.55%
Combined	96.65%	99.56%	99.86%	99.96%
Number of Observations:		2,913		

Wind Data Source: NOAA Weather Station 72584, Truckee, California
 Period of Time: Jan. 1, 2000 - Dec. 31, 2009
 Note: Windrose compass headings are true north.

TAXIWAY DATA												
	PARALLEL TAXIWAYS				CONNECTOR TAXIWAYS				NOTES			
	A		G		B,C,H,J,L,M,N,P,Q,S,U,V		D,F		E,H			
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE		
TAXIWAY DESIGN GROUP	2	No Change	2	No Change	2	No Change	2	No Change	2	No Change	* Four taxiways to be reconfigured to meet new Advisory Circular 150/5300-13A (Change 1) guidance for enhancing taxiway safety. Direct apron to runway access (Taxiways G, D, E and F) to be eliminated and 45 degree exit taxiways (Taxiways D and F) changed to 90 degrees.	
AIRCRAFT DESIGN GROUP	II	No Change	II	No Change	II	No Change	II	No Change	II	No Change	* See Taxiway Fillet Data table for more detailed dimension data.	
WIDTH	50'	No Change	50'	No Change	50'	No Change	50'	70'	70'	No Change		
TAXIWAY SAFETY AREA WIDTH	79'	No Change	79'	No Change	79'	No Change	79'	No Change	79'	No Change		
TAXIWAY OBJECT FREE AREA WIDTH	131'	No Change	131'	No Change	131'	No Change	131'	No Change	131'	No Change		
DISTANCE FROM TWY, C to FKED/MOVABLE OBJECT	65.5'	No Change	65.5'	No Change	65.5'	No Change	65.5'	No Change	65.5'	No Change		
TAXIWAY WINGTIP CLEARANCE	26'	No Change	26'	No Change	26'	No Change	26'	No Change	26'	No Change		
DISTANCE FROM RUNWAY C to TAXIWAY C	250'	No Change	180'	240'	N/A	No Change	N/A	No Change	N/A	No Change		
DISTANCE FROM RUNWAY C to HOLD BARS	200'	No Change	125'	200'	N/A	No Change	N/A	No Change	N/A	No Change		
TAXIWAY SURFACE TYPE	Asphalt	No Change	Asphalt	No Change	Asphalt	No Change	Asphalt	No Change	Asphalt	No Change		
TAXIWAY LIGHTING	Medium	No Change	Medium	No Change	Medium	No Change	Medium	No Change	Medium	No Change		

TAXIWAY FILLET DATA											
Table 4-5. Standard intersection details for TDG 2											
Dimension (See Figure 4-13, Figure 4-14, and Figure 4-15)	TDG 2										
	30	45	60	90	120	135	150	175	17.5	17.5	17.5
W-0 (ft)	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
W-1 (ft)	29	35	26	26	27	26	28	29	35	40	48
W-2 (ft)	29	35	40	48	48	50	54	192	228	183	185
L-1 (ft)	0	0	60	75	65	75	71	0	0	60	75
L-2 (ft)	0	0	60	75	65	75	71	0	0	60	75
L-3 (ft)	8	14	23	48	117	170	279	0	0	0	0
R-Fillet (ft)	0	0	0	0	25	25	25	75	75	75	80
R-Cl (ft)	75	75	75	60	75	75	80	92	92	92	92
B-Change (ft)	92	92	92	77	92	92	97				



DECLARED DISTANCES (g)				
	EXISTING		FUTURE	
	RUNWAY 11	RUNWAY 29	RUNWAY 11	RUNWAY 29
DISPLACED THRESHOLD	N/A	N/A	No Change	No Change
TAKEOFF RUN AVAILABLE (TORA)	N/A	N/A	No Change	No Change
TAKEOFF DISTANCE AVAILABLE (TODA)	N/A	N/A	No Change	No Change
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	N/A	N/A	No Change	No Change
LANDING DISTANCE AVAILABLE (LDA)	N/A	N/A	No Change	No Change
	RUNWAY 2	RUNWAY 20	RUNWAY 2	RUNWAY 20
DISPLACED THRESHOLD	N/A	115'	611'	55'
TAKEOFF RUN AVAILABLE (TORA)	N/A	N/A	5,055'	4,444'
TAKEOFF DISTANCE AVAILABLE (TODA)	N/A	N/A	5,055'	5,055'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	N/A	N/A	5,055'	5,055'
LANDING DISTANCE AVAILABLE (LDA)	N/A	N/A	4,444'	5,000'

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2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

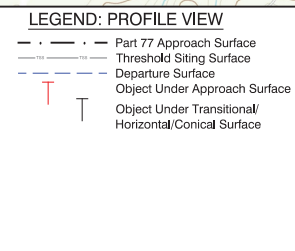
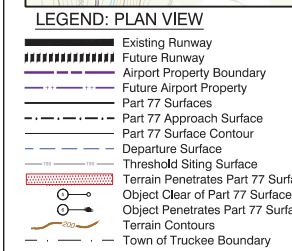
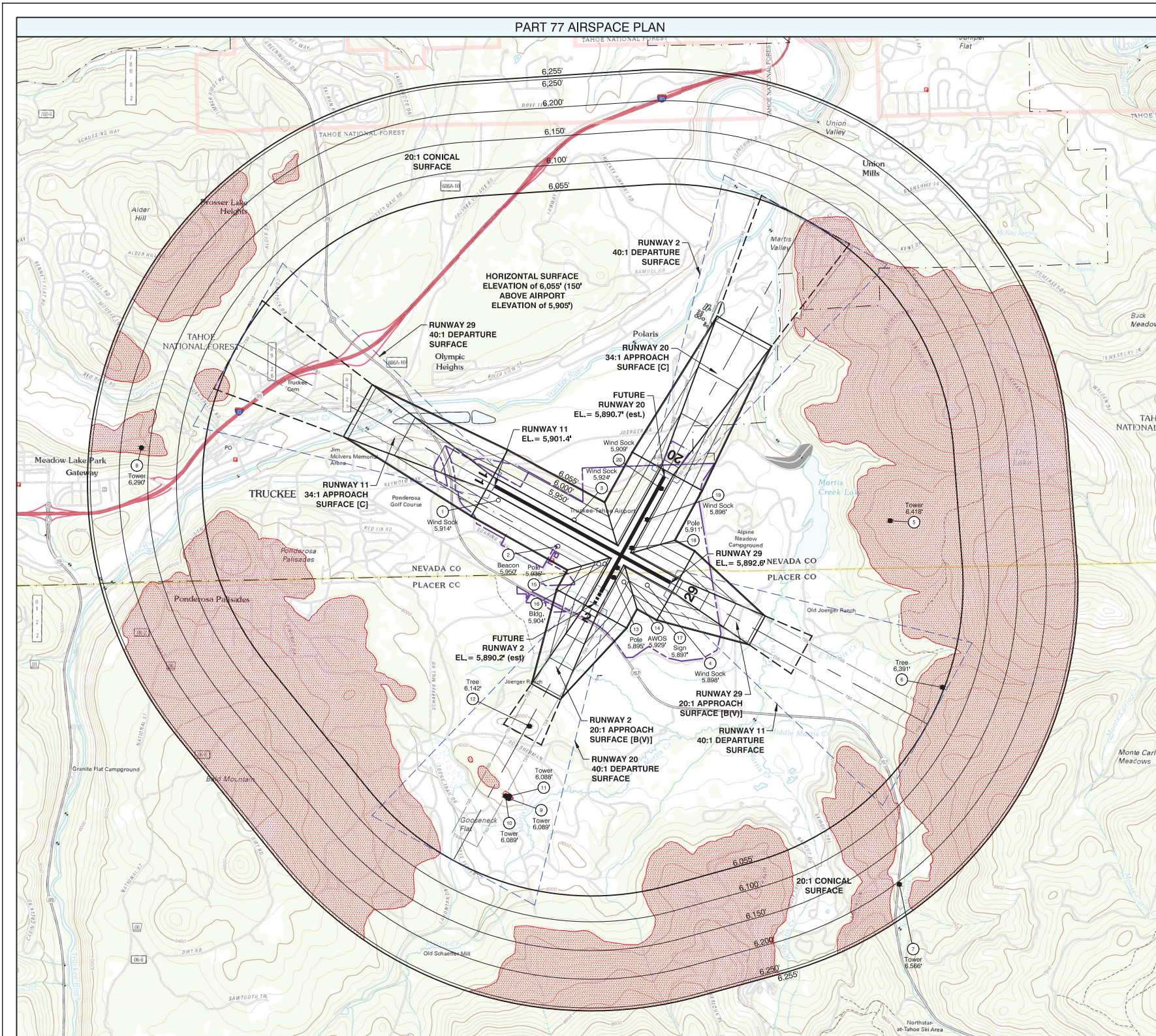
TRUCKEE-TAHOE AIRPORT

TRUCKEE, CALIFORNIA

DATA SHEET

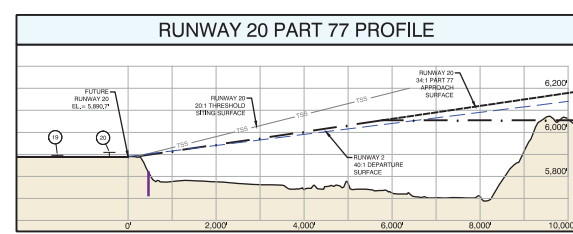
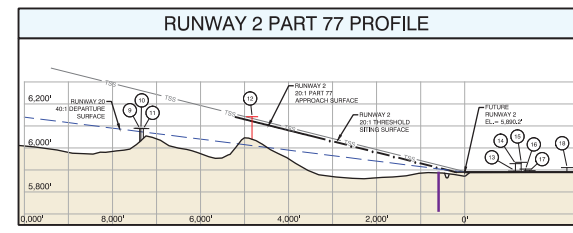
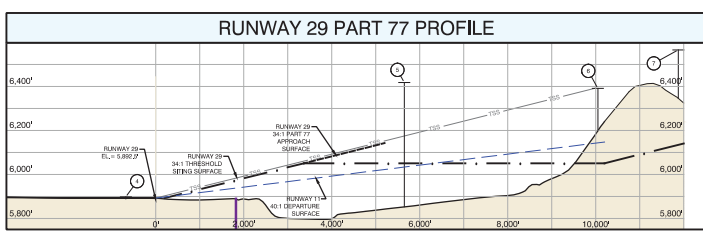
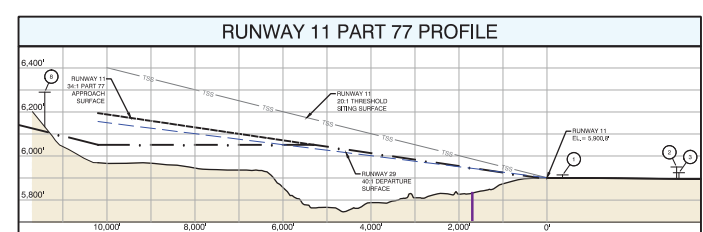
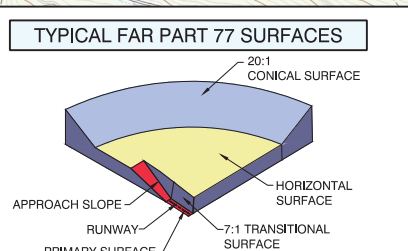
133 Aviation Boulevard, Suite 100
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DESIGN:	BM	DRAWN:	TE/BM	DATE:	JULY 2015	SHEET	3 OF 11
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NOTES:

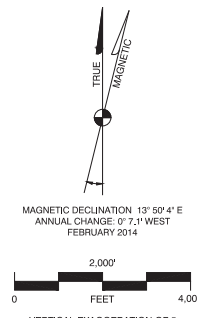
- Runway ends, Part 77 surface contours and obstruction elevations are shown in NAD83 and NAVD88. All elevations in feet above mean sea level (MSL).
- Only airspace surfaces associated with ultimate runway configurations are illustrated. All objects are analyzed against the ultimate airspace surfaces.
- Runway elevation data source: As built engineering documents from airport management and R.W. Brandt Engineering (2014).
- Objects elevation source: Digital Obstacle File (Nov. 12, 2013 release) and 1993 20:1 Obstacle Survey (2 objects - others recently removed), AGIS survey recommended to help document any potential obstruction to approaches.
- Basemap source: USGS Topographic maps.
- See Inner-Approach Sheets 6 and 7 for close-in obstructions in RPZ areas.
- Proposed Runway 2-20 extension and widening project will require an Aeronautical Survey for support of amended Instrument Approach Procedures.



PART 77 OBJECTS

POINT #	OBJECT DESCRIPTION	OBJECT ELEVATION	AFFECTED PART 77 SURFACE	PART 77 SURFACE ELEVATION	PART 77 PENETRATION	THRESHOLD SITING SURFACE ELEVATION	THRESHOLD SITING SURFACE PENETRATION	DEPARTURE SURFACE ELEVATION	DEPARTURE SURFACE PENETRATION	DISPOSITION
1	Wind Sock	5,914'	Transitional	5,895'	-19'	Object not under surface	N/A	Object not under surface	N/A	No Action
2	Beacon	5,957'	Transitional	5,895'	-62'	Object not under surface	N/A	Object not under surface	N/A	No Action
3	Wind Sock	5,957'	Transitional	5,895'	-62'	Object not under surface	N/A	Object not under surface	N/A	No Action
4	Wind Sock	5,957'	Transitional	5,895'	-62'	Object not under surface	N/A	Object not under surface	N/A	No Action
5	Tower	6,418'	Horizontal	6,057'	361'	Object not under surface	N/A	Object not under surface	N/A	Obstruction Light
6	Tree	6,297'	Horizontal	6,057'	240'	Object not under surface	N/A	6,148'	-184'	No Action
7	Tower	6,297'	Conical	6,187'	110'	Object not under surface	N/A	Object not under surface	N/A	Obstruction Light
8	Tower	6,297'	Conical	6,187'	110'	Object not under surface	N/A	Object not under surface	N/A	Obstruction Light
9	Tower	6,088'	Horizontal	6,057'	31'	Object not under surface	N/A	6,079'	342'	Obstruction Light
10	Tower	6,088'	Horizontal	6,057'	31'	6,289'	-200'	6,079'	14'	Obstruction Light
11	Tower	6,088'	Horizontal	6,057'	31'	Object not under surface	N/A	6,079'	10'	Obstruction Light
12	Tree	6,142'	Horz./Ray 2 Ap.	6,057'	86'	6,162'	-20'	6,012'	79'	Clf / Ties
13	Pole	5,897'	Primary	5,895'	2'	Object not under surface	N/A	Object not under surface	N/A	No Action
14	AWOS	5,927'	Transitional	5,891'	-36'	Object not under surface	N/A	Object not under surface	N/A	No Action
15	Pole	5,927'	Transitional	5,891'	-36'	Object not under surface	N/A	Object not under surface	N/A	No Action
16	Building	5,907'	Transitional	5,895'	-12'	Object not under surface	N/A	Object not under surface	N/A	No Action
17	Sign	5,897'	Primary	5,895'	2'	Object not under surface	N/A	Object not under surface	N/A	No Action
18	Pole	5,911'	Primary	5,895'	16'	Object not under surface	N/A	Object not under surface	N/A	No Action
19	Wind Sock	5,897'	Primary	5,895'	2'	Object not under surface	N/A	Object not under surface	N/A	No Action

Note: A negative penetration value indicates the object is clear of the airspace surface.
Objects fixed by aeronautical function.



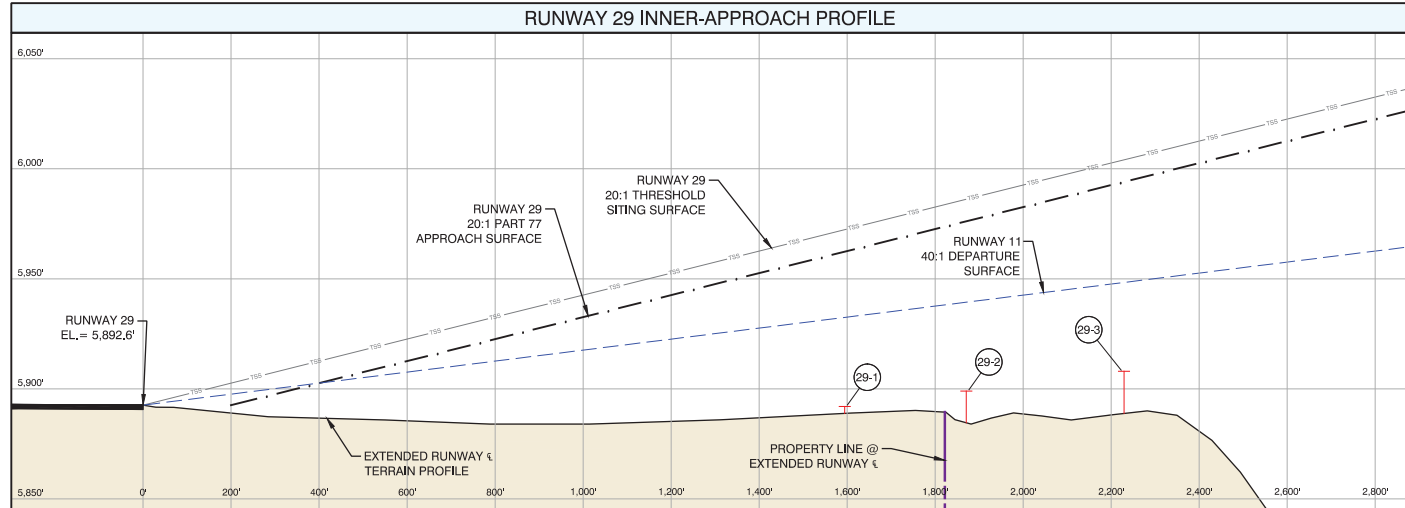
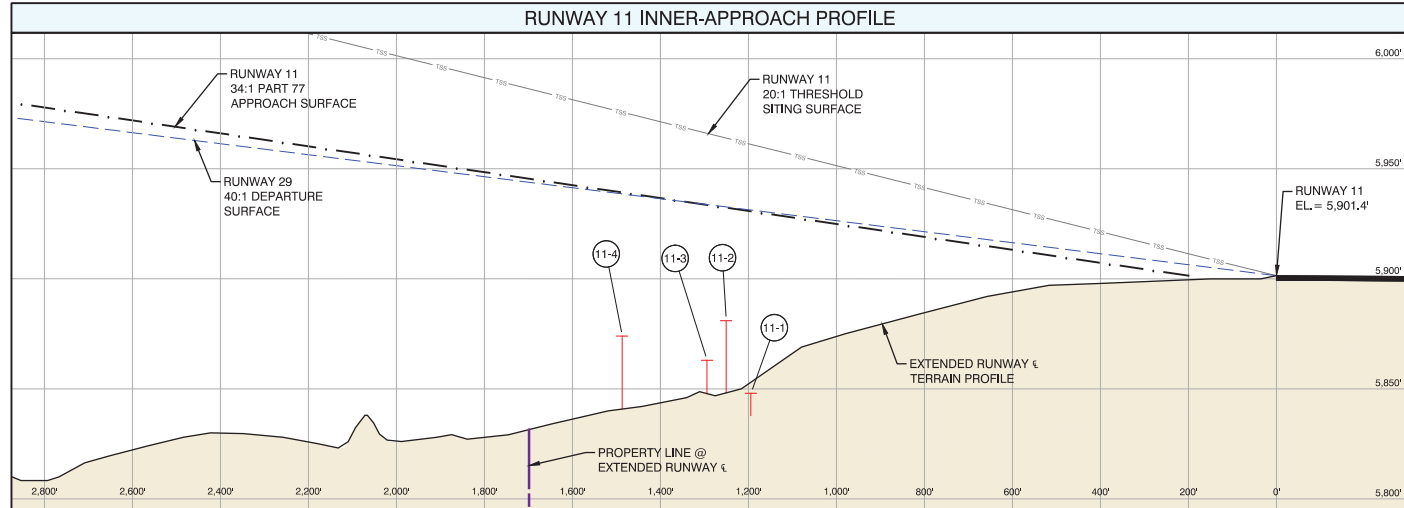
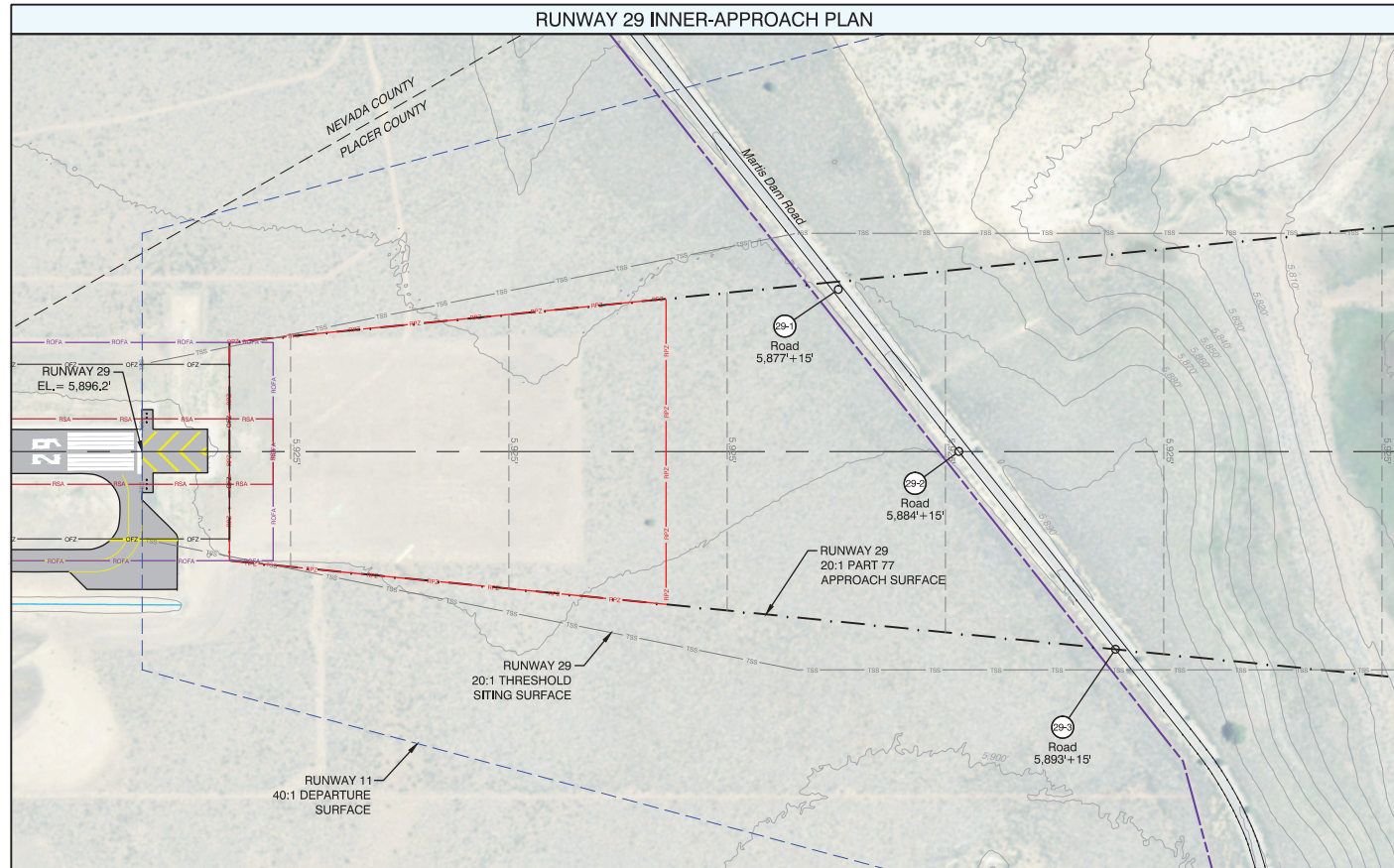
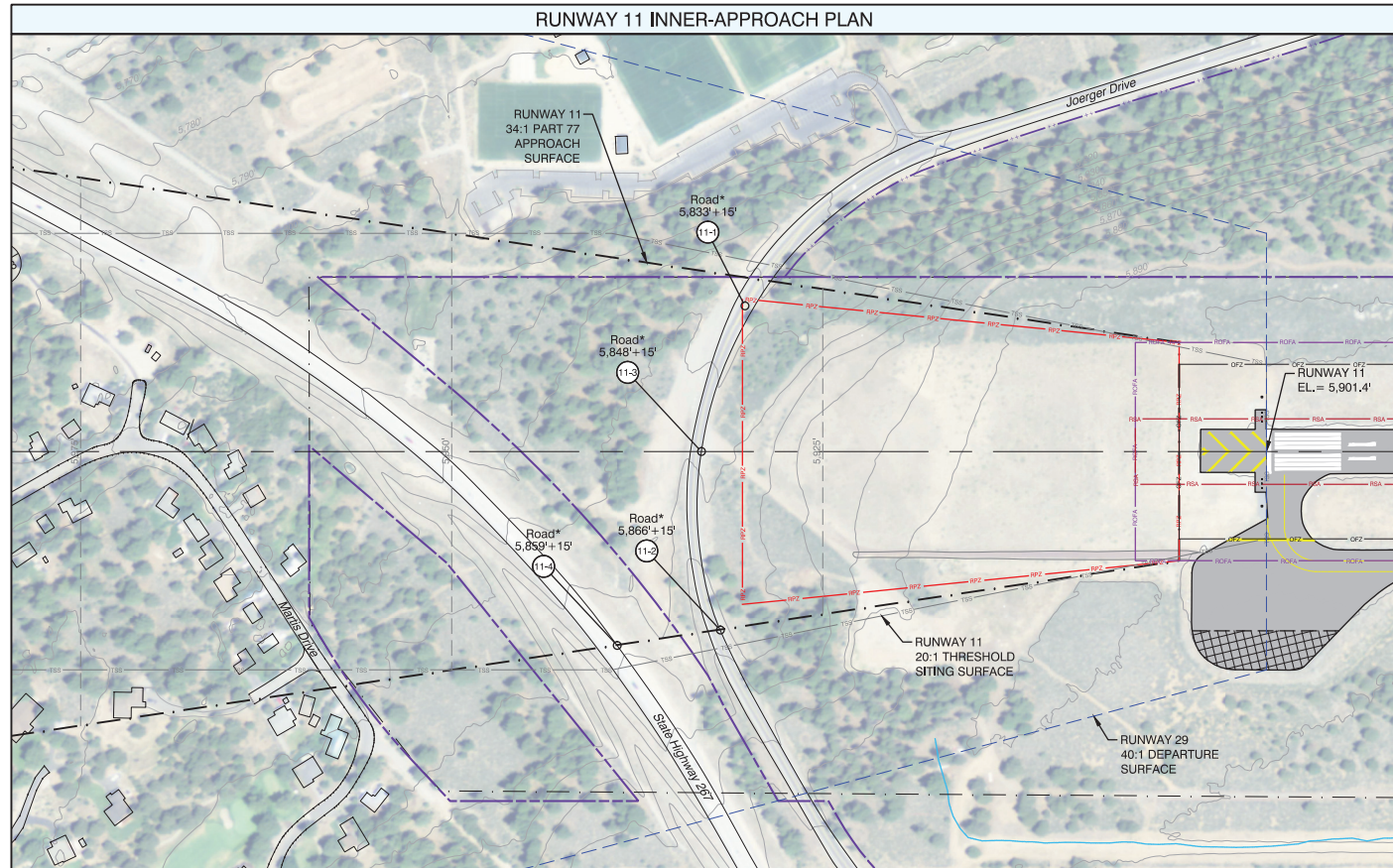
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005
NO.	REVISION	SPONSOR	DATE

**TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA
PART 77 AIRSPACE**

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LEGEND: PLAN VIEW

- Airport Property Boundary
- Future Airport Property
- Part 77 Surfaces
- Part 77 Approach Surface
- Part 77 Surface Contour
- Threshold Siting Surface
- 40:1 Departure Surface
- Runway Protection Zone (RPZ)
- Object Clear of Part 77 Surface
- Object Penetrates Part 77 Surface
- Terrain Contours

NOTES:

- Runway ends, Part 77 surface contours and obstruction elevations are shown in NAD83 and NAVD83. All elevations in feet above mean sea level (MSL).
- Only airspace surfaces associated with ultimate runway configurations are illustrated. All objects are analyzed against the ultimate airspace surfaces.
- Runway elevation data source: As built engineering documents from airport management and R.W. Brandley Engineering (2014).
- Objects elevation source: Digital Obstacle File (Nov. 12, 2013 release), AGIS survey recommended.
- Road elevations estimated based on LIDAR ground contours.
- 15 feet vertical clearance added to road elevations, per Part 77.

RUNWAY 11 OBJECTS

POINT #	OBJECT DESCRIPTION	OBJECT ELEVATION	PART 77 SURFACE	PART 77 SURFACE ELEVATION	PART 77 PENETRATION	TSS SURFACE ELEVATION	TSS PENETRATION	RUNWAY 29 DEPARTURE SURFACE ELEVATION	RUNWAY 29 DEPARTURE SURFACE PENETRATION	DISPOSITION
11-1	Road*	5,848	Approach	5,931	-82.7'	5,961.1'	-113.1'	5,931.3'	-83.3'	No Action
11-2	Road*	5,851	Approach	5,932	-81.3'	5,963.3'	-112.3'	5,932.2'	-81.2'	No Action
11-3	Road*	5,862	Approach	5,934	-71.8'	5,966.1'	-103.1'	5,933.8'	-71.8'	No Action
11-4	Road*	5,874	Approach	5,937	-63.3'	5,975.8'	-101.8'	5,938.8'	-64.8'	No Action

Note: A negative penetration value indicates the object is clear of the airspace surface.

RUNWAY 29 OBJECTS

POINT #	OBJECT DESCRIPTION	OBJECT ELEVATION	PART 77 SURFACE	PART 77 SURFACE ELEVATION	PART 77 PENETRATION	TSS SURFACE ELEVATION	TSS PENETRATION	RUNWAY 11 DEPARTURE SURFACE ELEVATION	RUNWAY 11 DEPARTURE SURFACE PENETRATION	DISPOSITION
29-1	Road*	5,892	Approach	5,962	-70.3'	5,972.3'	-80.3'	5,932.5'	-40.5'	No Action
29-2	Road*	5,899	Approach	5,970	-71.1'	5,986.1'	-87.1'	5,938.4'	-40.4'	No Action
29-3	Road*	5,900	Approach	5,994	-94.1'	6,004.1'	-96.1'	5,948.3'	-40.3'	No Action

Note: A negative penetration value indicates the object is clear of the airspace surface.

NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

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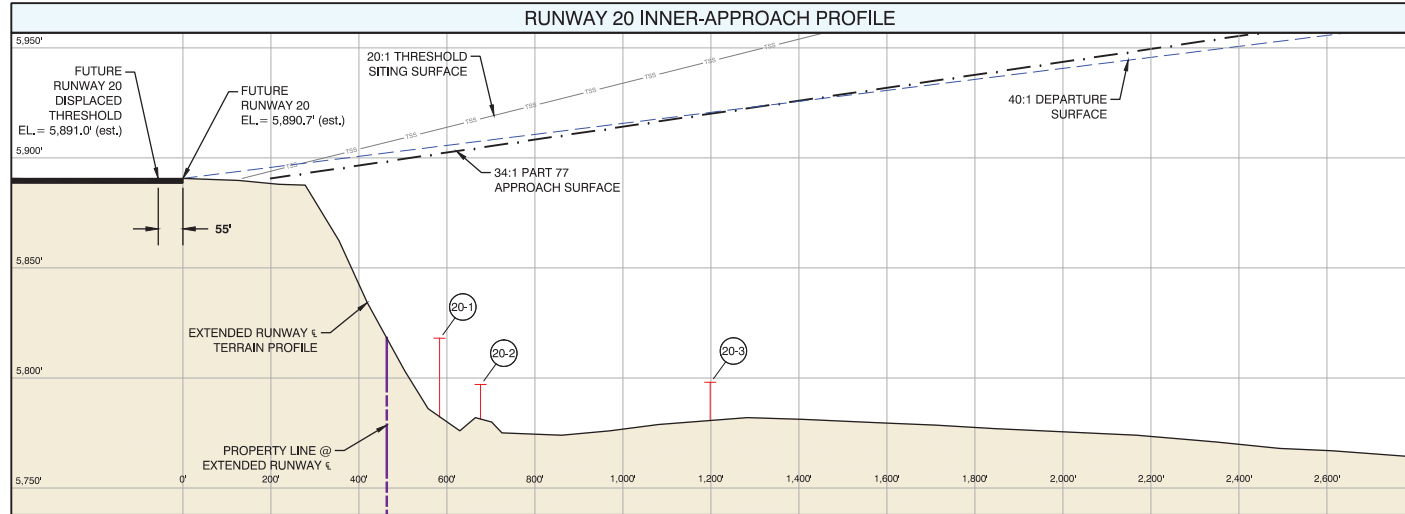
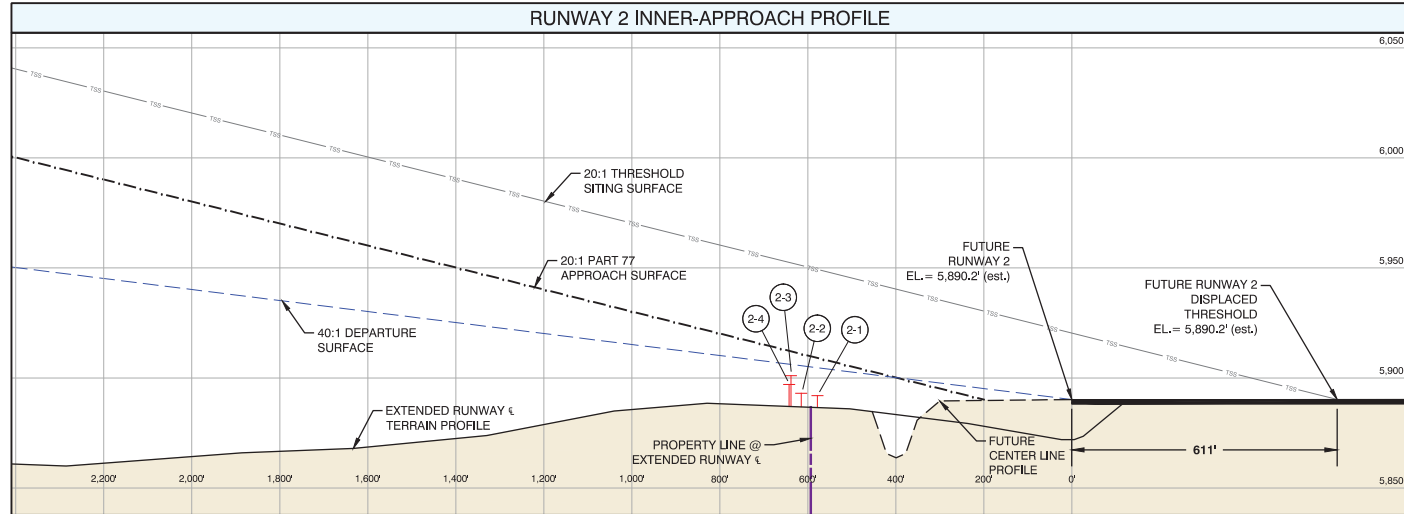
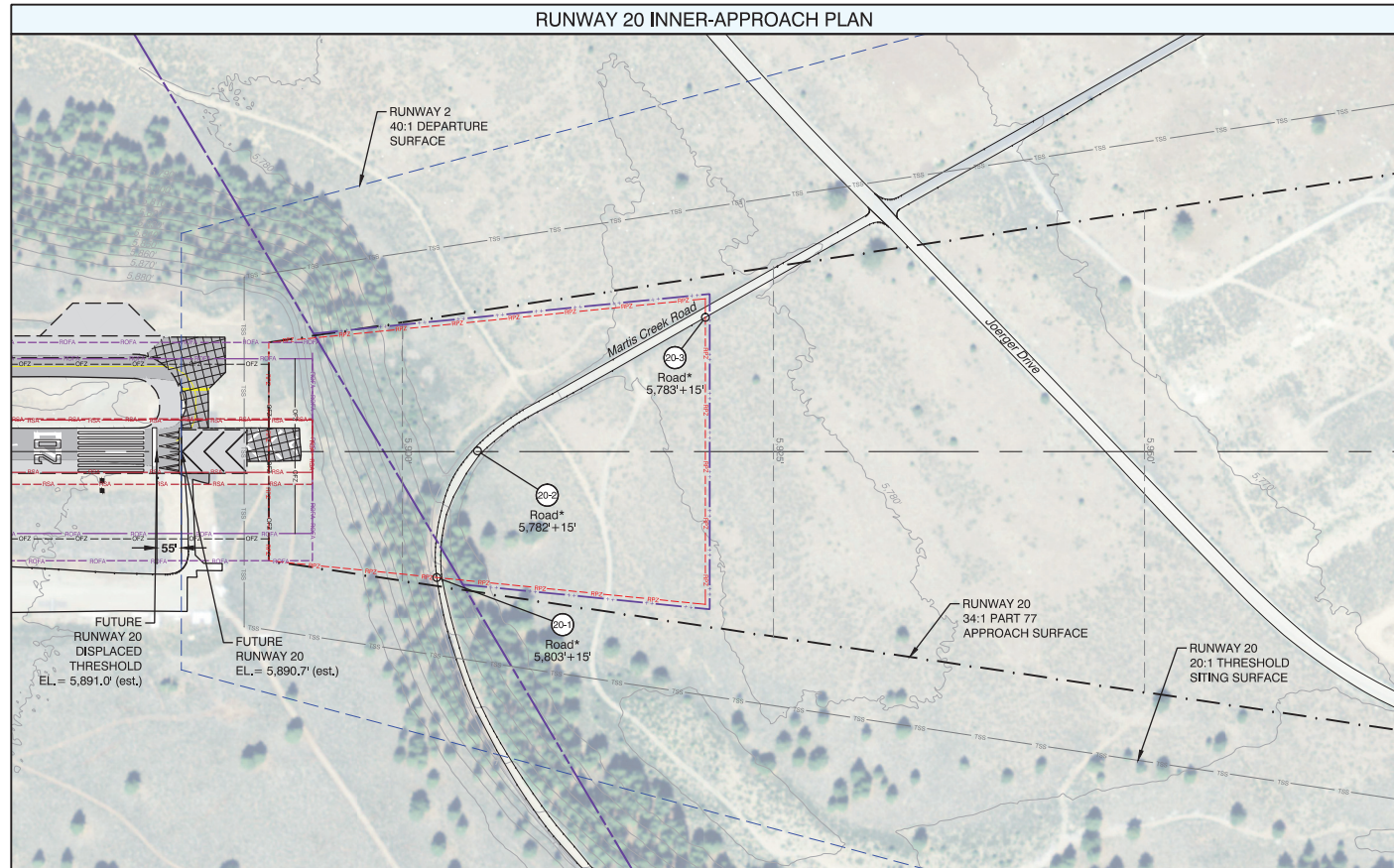
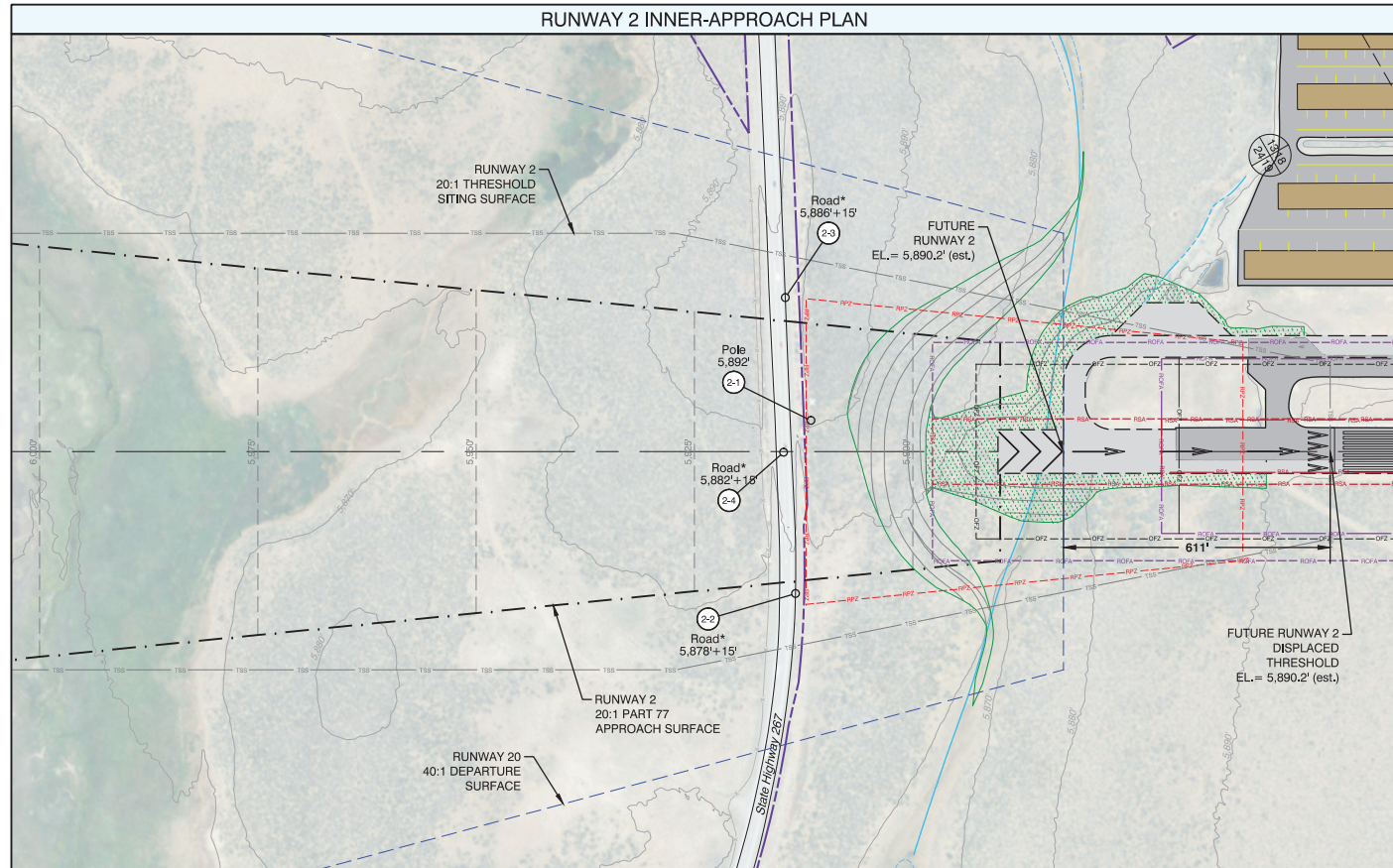
INNER-APPROACH: RUNWAY 11-29

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LEGEND: PLAN VIEW

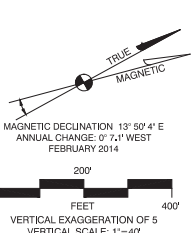
- Airport Property Boundary
- Future Airport Property
- Part 77 Surfaces
- Part 77 Approach Surface
- Part 77 Surface Contour
- Threshold Siting Surface
- 40:1 Departure Surface
- Future Runway Protection Zone (RPZ)
- Object Clear of Part 77 Surface
- Object Penetrates Part 77 Surface
- Terrain Contours

- NOTES:**
- Runway ends, Part 77 surface contours and obstruction elevations are shown in NAD83 and NAVD83. All elevations in feet above mean sea level (MSL).
 - Only airspace surfaces associated with ultimate runway configurations are illustrated. All objects are analyzed against the ultimate airspace surfaces.
 - Runway elevation data source: As built engineering documents from airport management and R.W. Brandley Engineering (2014).
 - Objects elevation source: Digital Obstacle File (Nov. 12, 2013 release), AGIS survey recommended.
 - Road elevations estimated based on LIDAR ground contours.
 - Proposed Runway 2-20 extension and widening project will require an Aeronautical Survey for support of amended Instrument Approach Procedures.
 - 15 feet vertical clearance added to road elevations, per Part 77.

RUNWAY 2 OBJECTS

POINT #	OBJECT DESCRIPTION	OBJECT ELEVATION	PART 77 SURFACE ELEVATION	PART 77 SURFACE PENETRATION	TSS SURFACE ELEVATION	TSS PENETRATION	RUNWAY 20 DEPARTURE SURFACE ELEVATION	RUNWAY 20 DEPARTURE SURFACE PENETRATION	DISPOSITION
2-1	Pole	5,892'	5,909'	-17.1'	5,949.7'	-57.6'	5,904.2'	-12.6'	No Action
2-2	Road*	5,892'	5,911'	-17.9'	5,951.2'	-58.4'	5,905.8'	-12.8'	No Action
2-3	Road*	5,901'	5,912'	-11.1'	5,952.8'	-51.8'	5,905.1'	-5.1'	No Action
2-4	Road*	5,897'	5,912'	-15.3'	5,952.8'	-55.8'	5,906.2'	-9.2'	No Action

Note: A negative penetration value indicates the object is clear of the airspace surface.



RUNWAY 20 OBJECTS

POINT #	OBJECT DESCRIPTION	OBJECT ELEVATION	PART 77 SURFACE ELEVATION	PART 77 SURFACE PENETRATION	TSS SURFACE ELEVATION	TSS PENETRATION	RUNWAY 2 DEPARTURE SURFACE ELEVATION	RUNWAY 2 DEPARTURE SURFACE PENETRATION	DISPOSITION
20-1	Road*	5,818'	5,902'	-84.0'	5,912.8'	-94.8'	5,905.3'	-87.3'	No Action
20-2	Road*	5,797'	5,902'	-107.8'	5,917.4'	-120.4'	5,907.1'	-110.1'	No Action
20-3	Road*	5,798'	5,902'	-122.1'	5,943.3'	-145.3'	5,920.1'	-122.1'	No Action

Note: A negative penetration value indicates the object is clear of the airspace surface.

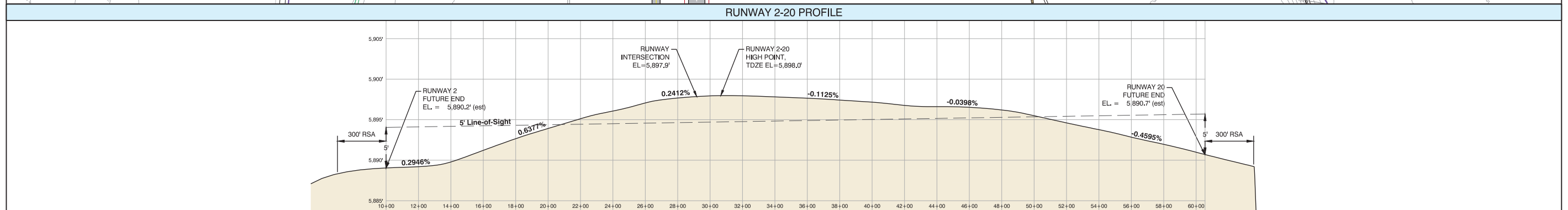
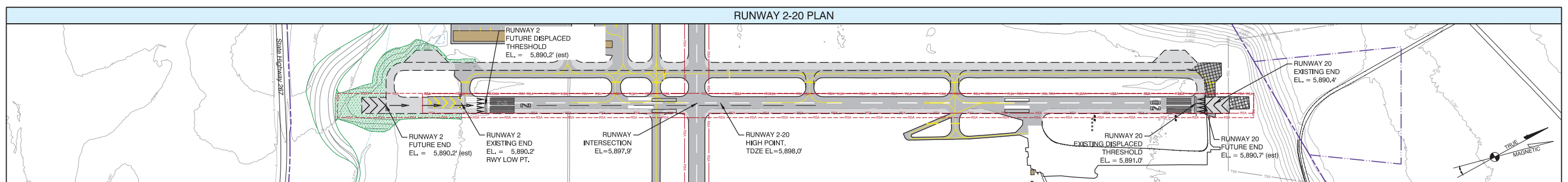
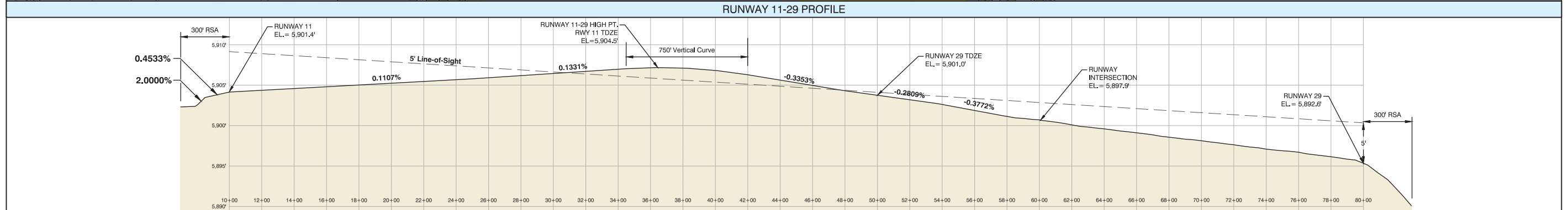
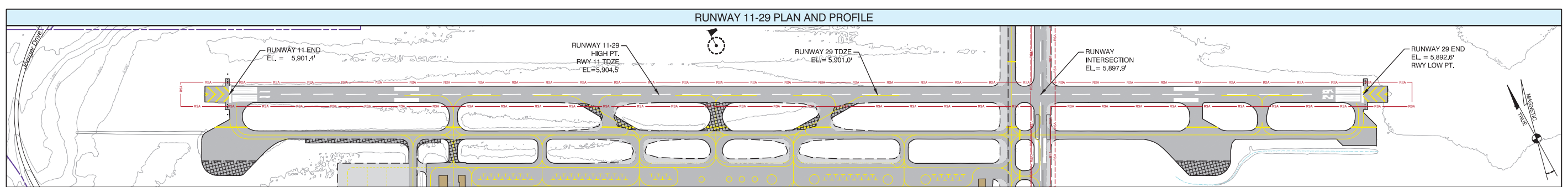
NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA

INNER-APPROACH: RUNWAY 2-20

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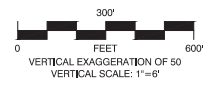


LEGEND

- Airport Property Boundary
- Future Airport Property
- Existing Pavement
- Future Pavement
- Runway Safety Area
- Terrain Contours
- 5' Line-of-Sight

NOTES:

- Runway ends, Part 77 surface contours and obstruction elevations are shown in NAD83 and NAVD88, All elevations in feet above mean sea level (MSL).
- Runway elevation data source: As built engineering documents from airport management and R.W. Brantley Engineering (2014).
- Proposed Runway 2-20 extension and widening project will require an Aeronautical Survey for support of amended Instrument Approach Procedures and National Environmental Policy Act (NEPA) determination prior to design.
- Magnetic declination 13° 50' 4" E. Annual change: 0' 7.1" west, February 2014.



NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA

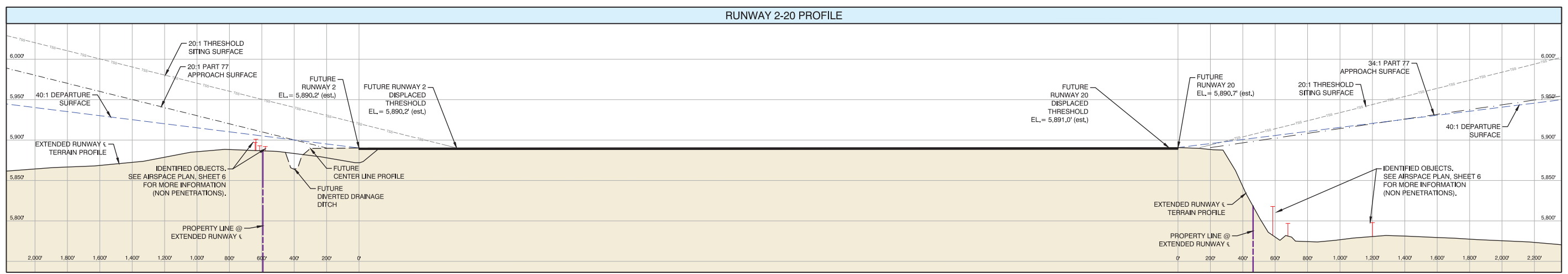
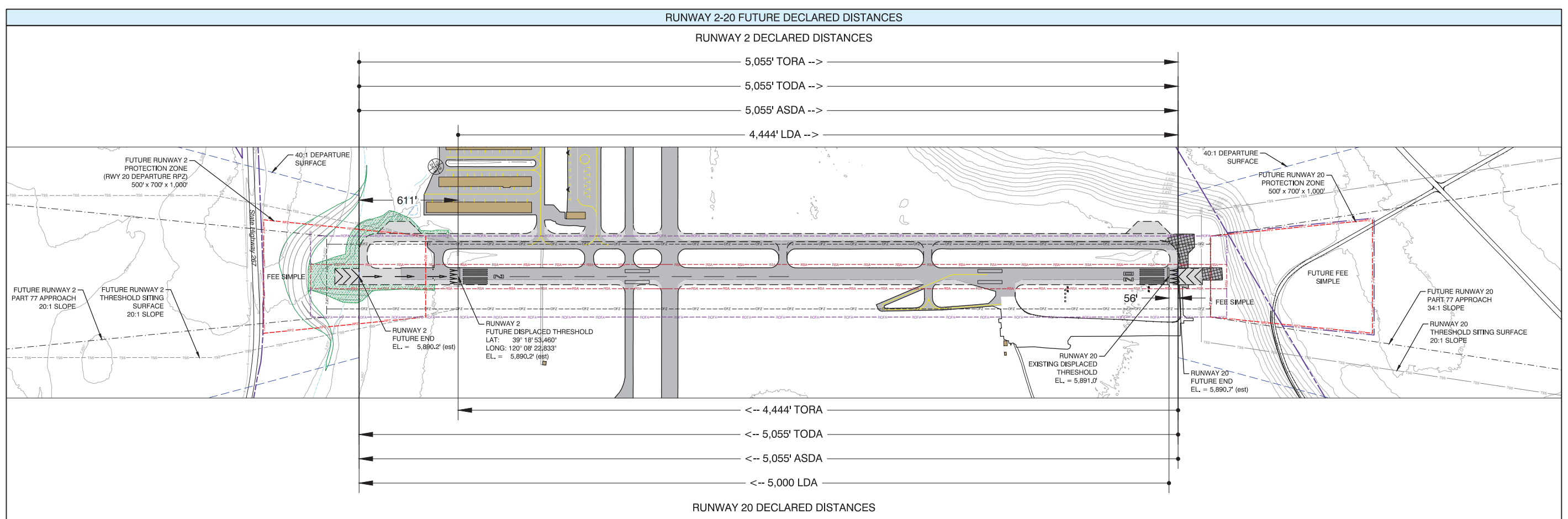
RUNWAY CENTERLINE PROFILES

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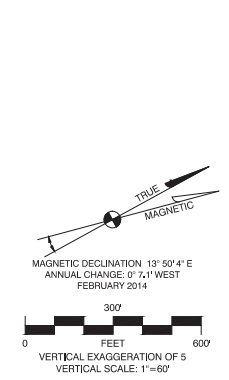
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LEGEND

- Airport Property Boundary
- Future Airport Property
- Existing Pavement
- Future Pavement
- Runway Safety Area
- Runway Object Free Area
- Obstacle Free Zone
- Runway Protection Zone
- Part 77 Approach Surface
- Threshold Siting Surface
- 40:1 Departure Surface
- Terrain Contours
- T Identified Object (Non-Penetration - See Sheet 6 for more information)

- #### NOTES:
- Runway ends, Part 77 surface contours and obstruction elevations are shown in NAD83 and NAVD88. All elevations in feet above mean sea level (MSL).
 - Only airspace surfaces associated with ultimate runway configurations are illustrated. All objects are analyzed against the ultimate airspace surfaces.
 - Runway elevation data source: As built engineering documents from airport management and R.W. Brandy Engineering (2014).
 - Objects elevation source: Digital Obstacle File (Nov. 12, 2013 release). All identified objects shown. See Airspace Plan, Sheet 6 for more information (objects are non-penetrations). Full AGIS survey recommended.
 - Proposed Runway 2-20 extension and widening project will require an Aeronautical Survey for support of amended Instrument Approach Procedures and National Environmental Policy Act (NEPA) determination prior to design.



DECLARED DISTANCES

	EXISTING		FUTURE	
	RUNWAY 2	RUNWAY 20	RUNWAY 2	RUNWAY 20
DISPLACED THRESHOLD	N/A	115'	611'	55'
TAKEOFF RUN AVAILABLE (TORA)	N/A	N/A	5,055'	4,444'
TAKEOFF DISTANCE AVAILABLE (TODA)	N/A	N/A	5,055'	5,055'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	N/A	N/A	5,055'	5,055'
LANDING DISTANCE AVAILABLE (LDA)	N/A	N/A	4,444'	5,000'

4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005
NO.	REVISION	SPONSOR	DATE

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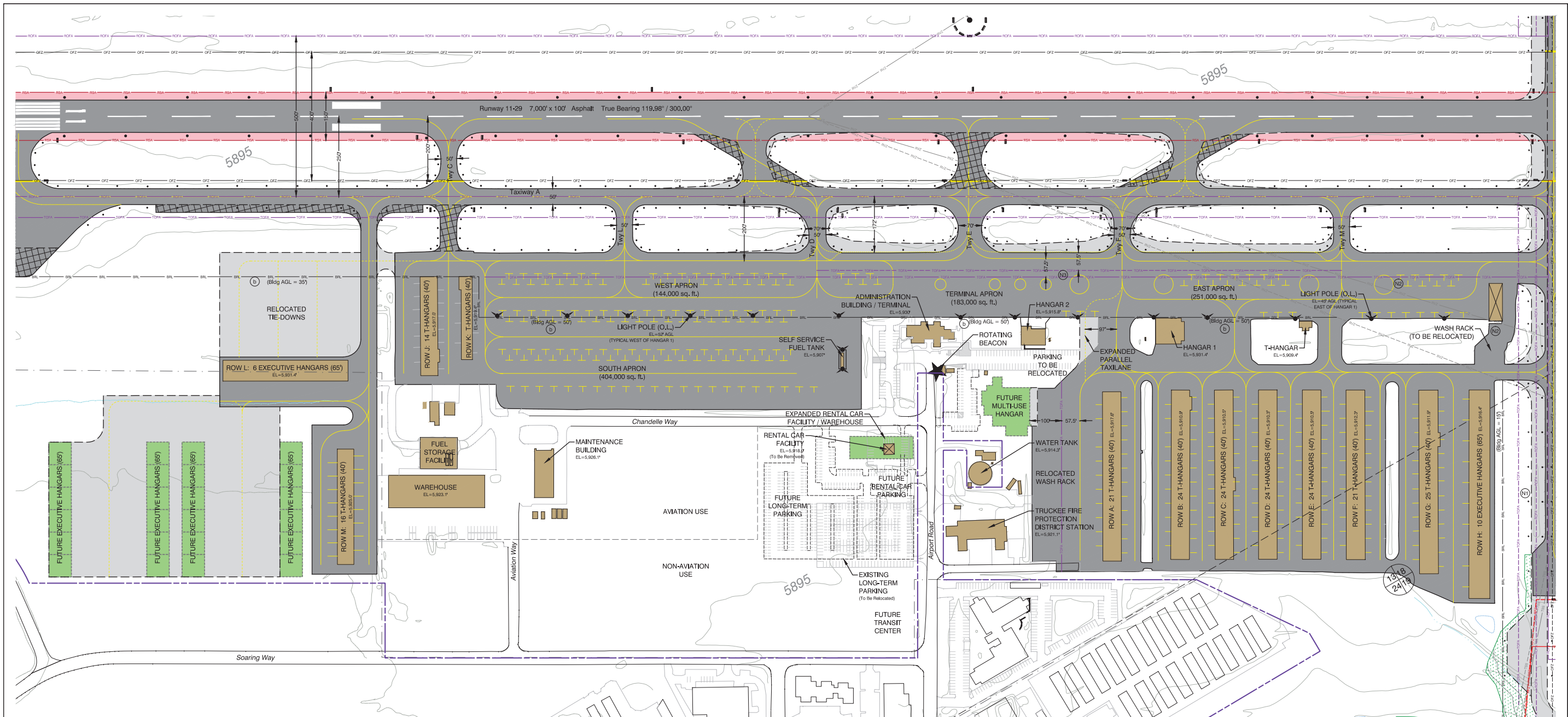
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RUNWAY 2-20 DECLARED DISTANCES

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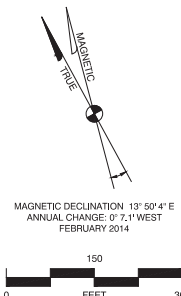
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DRAWING LEGEND		
	EXISTING	FUTURE
ACTIVE AIRFIELD PAVEMENT		
PAVEMENT TO BE REMOVED	N/A	
AIRPORT PROPERTY		N/A
COUNTY BOUNDARY		N/A
TOWN OF TRUCKEE BOUNDARY		N/A
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY OBJECT FREE AREA (ROFA)		
TAXIWAY OBJECT FREE AREA (TOFA)		
OBSTACLE FREE ZONE (OFZ)		
BUILDING RESTRICTION LINE (BRL)		N/A
RUNWAY VISIBILITY ZONE (RVZ)		
BUILDING - ON AIRPORT		
BUILDING - ON AIRPORT - TO BE RELOCATED		N/A
BUILDING - OFF AIRPORT		
TAXIWAY MARKING (C.L. / TIE-DOWNS)		
BEACON		N/A
RUNWAY LIGHTS (EDGE/THRESHOLD/REIL/TWY)		
RUNWAY / TAXIWAY SIGN		
UTILITY / LIGHT POLE		
PUBLIC ROAD		
FENCE		
FILL FOR RUNWAY AND RSA EXTENSION	N/A	
CHANNEL / STREAM / DITCH		N/A
TERRAIN CONTOUR		
CENTER SECTION MARKER		N/A

- LAYOUT PLAN NOTES**
- ALP prepared using design criteria from FAA Advisory Circulars 150/5300-13A Change 1, "Airport Design", 150/5070-6A, "Airport Master Plans" and Part 77 of the Federal Aviation Regulations (FAR), "Safe, Efficient Use, and Preservation of the Navigable Airspace."
 - All coordinates NAD83. Horizontal datum source: Airport AVN Data Sheet and 5010 Master Record.
 - All elevations NAVD83. Data source: As-built engineering documents from airport management and R.W. Brandley Engineering (2014). Published runway elevation data (5010, AVN Datasheet) is NGVD29. As-built plans from 2012 runway construction on Runway 11-29 and associated survey used.
 - Extension of Runway 2-20 to the south will require a significant amount of plus drainage ditch realignment. Planning level design is illustrated on this Plan. Proposed Runway 2-20 extension and widening project, along with relocation of Parallel Taxiway G will require a National Environmental Policy Act (NEPA) determination prior to design, and an Aeronautical Survey for support of amended Instrument Approach Procedures.
 - The building restriction line (BRL) is based on a composite of airfield design setbacks, such as the runway visual zone (RVZ), taxiway object free area (TOFA) and Part 77 airspace surfaces. Allowable building elevations above ground level are noted at each line.

NON-STANDARD CONDITIONS		
EXISTING CONDITION	DISPOSITION	
(N) Runway 2-20 to parallel Taxiway G centerline separation is 180 feet. Standard runway to parallel taxiway separation for runway design code B-1 is 225 feet.	Taxiway G to be realigned for taxiway centerline to runway centerline separation of 240 feet. Taxiway G will then conform to B-1 standards, which Runway 2-20 is projected to become.	
(N) Structure and aircraft tie-downs on East Apron located within the runway visibility zone (RVZ), blocking line of sight between intersecting runways.	Building, wash rack and tie-downs to be relocated to account for ultimate RVZ associated with proposed Runway 2-20 extension.	
(N) Aircraft parking positions on Terminal Apron are located within the apron taxiway object free area (TOFA).	Add pavement to edge of apron to allow taxiway to shift away from parking positions and provide proper centerline to fixed / movable object separation.	



NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA

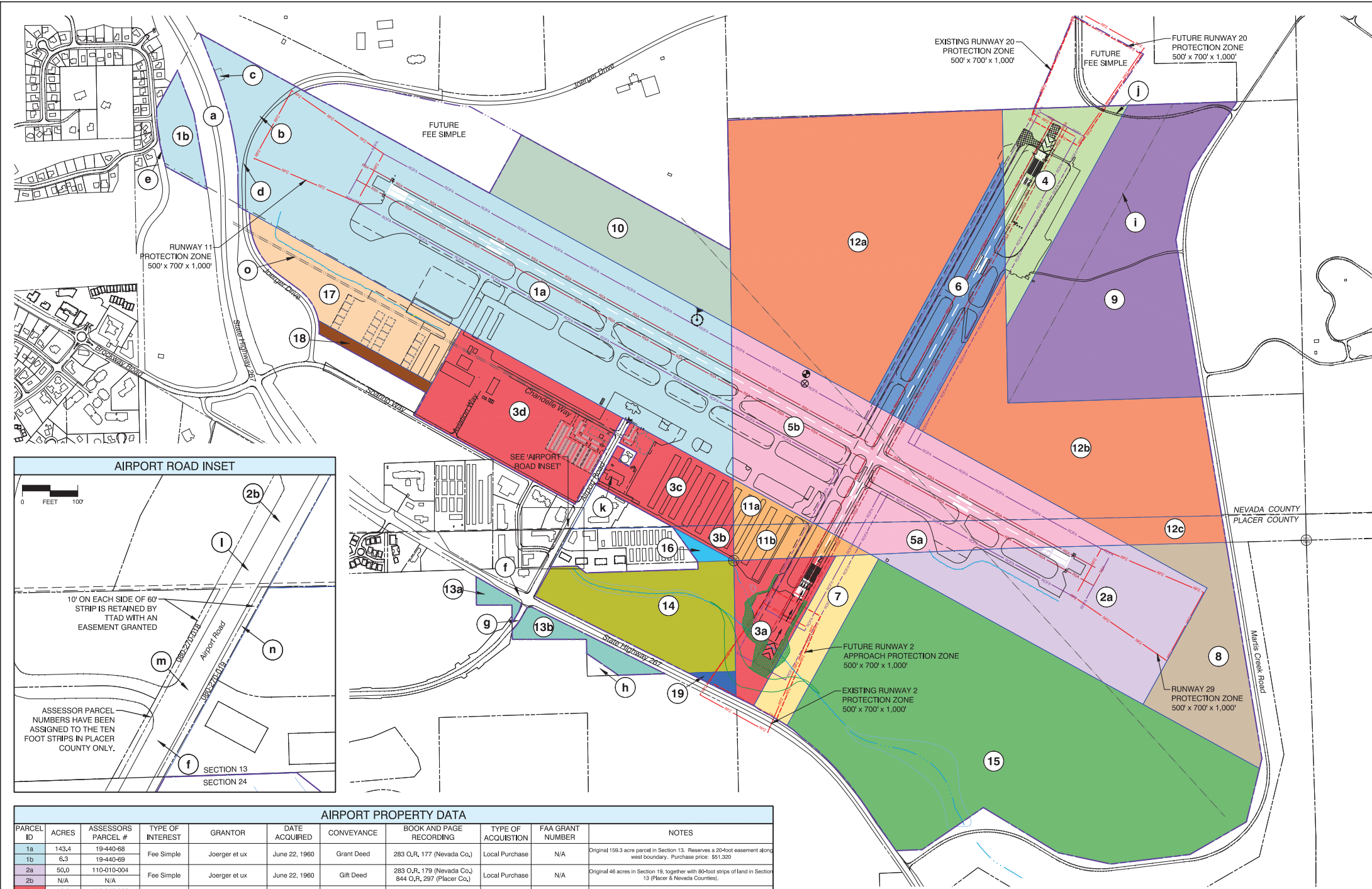
BUILDING AREA PLAN

Mead & Hunt

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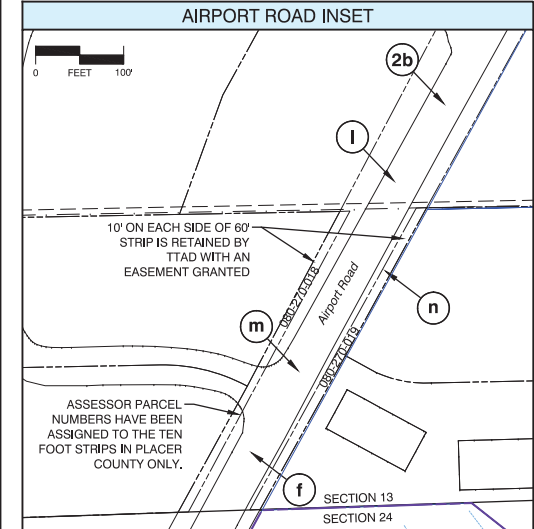
The preparation of this document may have been supported, in part, through the Airport Improvement Program financial assistance from the Federal Aviation Administration (Project Number Unassigned) as provided under Title 49 U.S.C., Section 47104. The contents do not in any way constitute a commitment on the part of the United States to participate in any development depicted therein nor does it indicate that the proposed development is environmentally acceptable or would have justification in accordance with appropriate public laws.



DRAWING LEGEND		
	EXISTING	FUTURE
ACTIVE AIRFIELD PAVEMENT		
AIRPORT PROPERTY		
AIRPORT REFERENCE POINT		
AIRPORT PARCEL BOUNDARY		N/A
EXTERNAL PARCEL BOUNDARY		N/A
INTERNAL LEASE BOUNDARY		N/A
COUNTY BOUNDARY		N/A
TOWN OF TRUCKEE BOUNDARY		N/A
EASEMENT		N/A
RUNWAY SAFETY AREA (RSA)		
RUNWAY PROTECTION ZONE (RPZ)		
RUNWAY OBJECT FREE AREA (ROFA)		
BUILDING		
BEACON		N/A
VISUAL APPROACH SLOPE INDICATOR (VASI)		N/A
WIND CONE		N/A
PUBLIC ROAD		
CHANNEL / STREAM / DITCH		N/A
CENTER SECTION MARKER		N/A

PROPERTY MAP NOTES

- Airport property boundary source: Truckee-Tahoe Airport. Parcel lines retained from 2005 and 2009 ALP. Airport boundary and individual parcels are not surveyed and therefore should not be considered a precise legal description. Best available data used.
- Only immediate airport property illustrated on this sheet. Remaining Truckee Tahoe Airport District property interests are shown on Sheet 11.
- Total existing Airport property = ±936 acres, based on area calculations in the digital file of this Plan. Total from individual parcels may not equal this due to rounding.



AIRPORT PROPERTY DATA										
PARCEL ID	ACRES	ASSESSORS PARCEL #	TYPE OF INTEREST	GRANTOR	DATE ACQUIRED	CONVEYANCE	BOOK AND PAGE RECORDING	TYPE OF ACQUISITION	FAA GRANT NUMBER	NOTES
1a	143.4	19-440-68	Fee Simple	Joerger et ux	June 22, 1980	Grant Deed	283 O.R. 177 (Nevada Co.)	Local Purchase	N/A	Original 159.3 acre parcel in Section 13. Reserves a 20-foot easement along west boundary. Purchase price: \$51,320.
1b	6.3	19-440-69	Fee Simple	Joerger et ux	June 22, 1980	Gift Deed	283 O.R. 179 (Nevada Co.) 844 O.R. 297 (Placer Co.)	Local Purchase	N/A	Original 46 acres in Section 19, together with 80-foot strips of land in Section 13 (Placer & Nevada Counties).
2a	50.0	110-010-004	Fee Simple	Joerger et ux	June 22, 1980	Grant Deed	283 O.R. 179 (Nevada Co.) 844 O.R. 297 (Placer Co.)	Local Purchase	N/A	Original 46 acres in Section 19, together with 80-foot strips of land in Section 13 (Placer & Nevada Counties).
2b	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3a	16.2	110-010-002	Fee Simple	Waddles et ux	June 2, 1967	Grant Deed	415 O.R. 290 (Nevada Co.) 1143 O.R. 161 (Placer Co.)	Local Purchase	N/A	Four parcels (two in Section 13 and two in Section 19) - all southerly of original airport lands. Purchase price: \$75,000.
3b	2.1	080-270-024	Fee Simple	Joerger et al	January 12, 1967	Grant Deed	415 O.R. 290 (Nevada Co.) 1143 O.R. 161 (Placer Co.)	Local Purchase	N/A	Four parcels (two in Section 13 and two in Section 19) - all southerly of original airport lands. Purchase price: \$75,000.
3c	15.8	19-440-68	Fee Simple	Joerger et ux	June 22, 1980	Grant Deed	283 O.R. 177 (Nevada Co.)	Local Purchase	N/A	Original 159.3 acre parcel in Section 13. Reserves a 20-foot easement along west boundary. Purchase price: \$51,320.
3d	33.8	19-440-68	Fee Simple	Joerger et ux	June 22, 1980	Grant Deed	283 O.R. 177 (Nevada Co.)	Local Purchase	N/A	Original 159.3 acre parcel in Section 13. Reserves a 20-foot easement along west boundary. Purchase price: \$51,320.
4	25.6	49-004-07	Fee Simple	Waddles et ux	June 2, 1967	Grant Deed	421 O.R. 562 (Nevada Co.)	Local Purchase	N/A	Two adjacent parcels forming a triangle in Section 18 and abutting to Runway 20. Purchase price: \$24,000.
5a	14.6	110-010-004	Fee Simple	USA	July 7, 1967	Deed	430 O.R. 213 (Nevada Co.) 1171 O.R. 486 (Placer Co.)	Local Purchase	N/A	Original airport property. 120-foot strip in Section 18 only. Reserves mineral and timber rights, contains reversion clause if used for other than airport purposes.
5b	61.2	49-004-10	Fee Simple	USA	April 24, 1968	Deed	450 OR 472 (Nevada Co.)	Local Purchase	N/A	200-foot strip in the west half of Section 18 abutting to Runway 20. Reserves mineral and timber rights, contains reversion clause if used for other than airport purposes.
6	23.7	49-004-13	Fee Simple	USA	April 24, 1968	Deed	450 OR 472 (Nevada Co.)	Local Purchase	N/A	200-foot strip in the west half of Section 18 abutting to Runway 20. Reserves mineral and timber rights, contains reversion clause if used for other than airport purposes.
7	13.3	110-010-003	Fee Simple	Wockverton	June 2, 1970	Grant Deed	1300 OR 696 (Placer Co.)	Local Purchase	N/A	Parcel in SE portion Section 19 adjacent to 3a. Purchase price: \$17,000.
8	26.9	110-010-006	Fee Simple	Wockverton	October 6, 1970	Grant Deed	1319 OR 519 (Placer Co.)	Local Purchase	N/A	24.88 acre parcel for air storage in SW 1/4 of Section 19. Purchase price: \$24,000.
9	78.0	49-004-16	Fee Simple	Waddles	March 10, 1971	Grant Deed	549 OR 34 (Nevada Co.)	Local Purchase	N/A	77.96 acre parcel in SW 1/4 of Section 18. Purchase price: \$24,000.
10	32.0	19-440-68	Fee Simple	Wockverton	May 26, 1972	Grant Deed	604 OR 395 (Nevada Co.)	Local Purchase	N/A	32.28 acre parcel in Section 13 abutting to original airport parcel in 1981. Purchase price: \$32,000.
11a	3.5	49-004-08	Fee Simple	USA	June 3, 1976	Deed	804 OR 574 (Nevada Co.)	Local Purchase	N/A	10.82 acre parcel in SW 1/4, Section 18 adjacent to the SW corner of Section 18. No Cost.
11b	7.0	110-010-001	Fee Simple	USA	June 3, 1976	Deed	804 OR 574 (Nevada Co.)	Local Purchase	N/A	10.82 acre parcel in SW 1/4, Section 18 adjacent to the SW corner of Section 18. No Cost.
12a	106.9	49-004-11	Fee Simple	Topol	October 26, 1982	Grant Deed	1982-025550 (Nevada Co.) 1982-0038406 (Placer Co.) 2537 OR 526 (Placer Co.)	Local Purchase	N/A	3 parcels: Nevada Co-106.95 acre parcel in W 1/2 Section 18 65.74 acre parcel adjacent to NE line of original (1969) Airport property, Section 18. Purchase price: \$399,000.
12b	59.7	49-004-27	Fee Simple	Topol	October 26, 1982	Grant Deed	1982-025550 (Nevada Co.) 1982-0038406 (Placer Co.) 2537 OR 526 (Placer Co.)	Local Purchase	N/A	3 parcels: Nevada Co-106.95 acre parcel in W 1/2 Section 18 65.74 acre parcel adjacent to NE line of original (1969) Airport property, Section 18. Purchase price: \$399,000.
12c	6.1	110-010-006	Fee Simple	Topol	October 26, 1982	Grant Deed	1982-025550 (Nevada Co.) 1982-0038406 (Placer Co.) 2537 OR 526 (Placer Co.)	Local Purchase	N/A	3 parcels: Nevada Co-106.95 acre parcel in W 1/2 Section 18 65.74 acre parcel adjacent to NE line of original (1969) Airport property, Section 18. Purchase price: \$399,000.
13a	1.5	080-270-042	Fee Simple	Koregelos	July 19, 1988	Grant Deed	1988-0036734 (Placer Co.) [3446 OR 473 (Placer Co.)]	Local Purchase	N/A	Parcel across the intersection of Hwy. 207 and Schaeffer Mill Road. Per assessors 7.8 acre parcel (later diminished by 0.479 acre parcel in sale in 'g' and 0.67 in 'h'). Purchase price: \$89,500.
13b	5.1	080-270-042	Fee Simple	Koregelos	July 19, 1988	Grant Deed	1988-0036734 (Placer Co.) [3446 OR 473 (Placer Co.)]	Local Purchase	N/A	Parcel across the intersection of Hwy. 207 and Schaeffer Mill Road. Per assessors 7.8 acre parcel (later diminished by 0.479 acre parcel in sale in 'g' and 0.67 in 'h'). Purchase price: \$89,500.
14	27.7	080-270-044	Fee Simple	USA	May 8, 1991	Grant Deed	1991-0043928 (Placer Co.)	Local Purchase	N/A	Per assessor, 36 acre parcel (later diminished by 7.8 acre parcel added to swap-in exchange for Parcel 18 below).
15	148.6	110-010-031	Fee Simple	McKinley	October 29, 1991	Condemnation	91-0068458 (Placer Co.) 1991-0038059 (Placer Co.) 1991-0038057 (Placer Co.)	Local Purchase	N/A	Parcel in Section 19, SE of Parcel 7, abuts Meritts Dam Rd. on SE. "1991-0038059" is one parcel from Parcel 7 in exchange for boundary line adjustment giving TTAD 1.21 acre parcel for snow storage abutting 8 line in Section 13.
16	1.21	080-270-047	Fee Simple	Scardigli Exchange	February 2, 1999	Grant Deed	1999-0038059 (Placer Co.) 1999-0038057 (Placer Co.)	FAA Grant	AP 3-06-0262-10	Parcel in Section 19, SE of Parcel 7, abuts Meritts Dam Rd. on SE. "1999-0038059" is one parcel from Parcel 7 in exchange for boundary line adjustment giving TTAD 1.21 acre parcel for snow storage abutting 8 line in Section 13.
17	22.6	19-620-037	Fee Simple	Wockverton	Sept. 30, 2003	Condemnation	2003-052304 (Nevada Co.)	FAA Grant	AP 3-06-0262-14	22.6 acre parcel at southwest portion of airport AP No. 3-06-0262-14.
18	2.6	19-620-032	Fee Simple	Wockverton	Sept. 30, 2003	Condemnation	2003-052304 (Nevada Co.)	FAA Grant	AP 3-06-0262-14	2.64 acre parcel at southwest portion of airport AP No. 3-06-0262-14.
19	1.1	080-270-026	Fee Simple	OMD/Highlands Group, LLC	June 24, 2002	Grant Deed	2002-0111597 (Placer Co.)	Local Purchase	N/A	1.18 acre parcel to be swapped to TTAD in exchange for 0.08 acres of Parcel 13, APN 080-270-042.

LEASE AND EASEMENT DATA									
PARCEL ID	ACRES	GRANTOR	GRANTEE	DATE ACQUIRED	CONVEYANCE	BOOK AND PAGE RECORDING	NOTES		
a	9.64	TTAD	State of California	July 28, 1999	Grant Deed	2000-003136 (Nevada Co.)	9.64 acres from Parcel 1 for Highway 267 bypass.		
b	N/A	TTAD	State of California	July 28, 1999	Grant of Easement	2000-003136 (Nevada Co.)	TTAD granted a drainage easement to the State of California.		
c	N/A	TTAD	State of California	July 28, 1999	Grant of Easement	2000-003136 (Nevada Co.)	TTAD granted an easement for a public road.		
d	N/A	TTAD	State of California	July 28, 1999	Grant of Easement	2000-003136 (Nevada Co.)	TTAD granted an easement for a public road.		
e	N/A	TTAD	State of California	July 28, 1999	Grant of Easement	2000-003136 (Nevada Co.)	TTAD granted an easement for a public road.		
f	N/A	TTAD	State of California	July 28, 1999	Grant of Easement	2000-003136 (Nevada Co.)	TTAD granted an easement for a public road.		
g	0.475	TTAD	M.C.R. LLC	Sept. 13, 1996	Grant Deed	96-053944 (Placer Co.)	0.475 acre parcel Schaeffer Road blocks Parcel 13.		
h	0.67	TTAD	MDB/Highlands Grp, LLC	Sept. 19, 2002	Grant Deed	2002-0111597 (Placer Co.)	0.67 acre parcel to be swapped to TTAD in exchange for 0.08 acres of Parcel 13, APN 080-270-042.		
i	N/A	Waddles et ux	TTAD	July 25, 1967	Easement	425 O.R. 609 (Nevada Co.)	Gives TTAD the right to limit the height of trees and structures on a strip of land 300 feet in width, lying east, adjacent and parallel with the land obtained in Parcel 4.		
j	N/A	Waddles et ux	Fibreboard Corp.	March 24, 1959	Grant of Easement	216 O.R. 320 (Nevada Co.) 796 O.R. 621 (Placer Co.)	Exception 5, Title Policy 1.06. Grants an exclusive easement, 66 feet in width, affecting the easterly northerly corner of the property obtained in Parcel 4.		
k	1.45	TTAD	CDF and TFPD	March 31, 1998	Lease	N/A	TTAD leased 1.45 acres to California Department of Forestry and Truckee Fire Protection District.		
l	N/A	TTAD	Nevada County	July 18, 1961	Quitclaim Deed	301 O.R. 2 (Nevada Co.)	Fifty (50) year lease dated 3-3-1968.		
m	N/A	TTAD	Placer County	July 18, 1961	Quitclaim Deed	945 O.R. 56 (Placer Co.)	Lease Nevada and Placer counties and Placer County to the owner of which is identical to the 80-foot strip obtained in parcel 2b above.		
n	N/A	TTAD	Joerger et al	Dec. 12, 1966	Easement	415 O.R. 288 (Nevada Co.) 1143 O.R. 527 (Placer Co.)	Section 13. Deed made in the provision that the County hold and grant an easement for access, streets and utilities across the 10-foot strips of land flanking Airport Road right-of-way in Section 13.		
o	N/A	N/A	N/A	N/A	Easement	N/A	Sewer line easement (15' wide)		

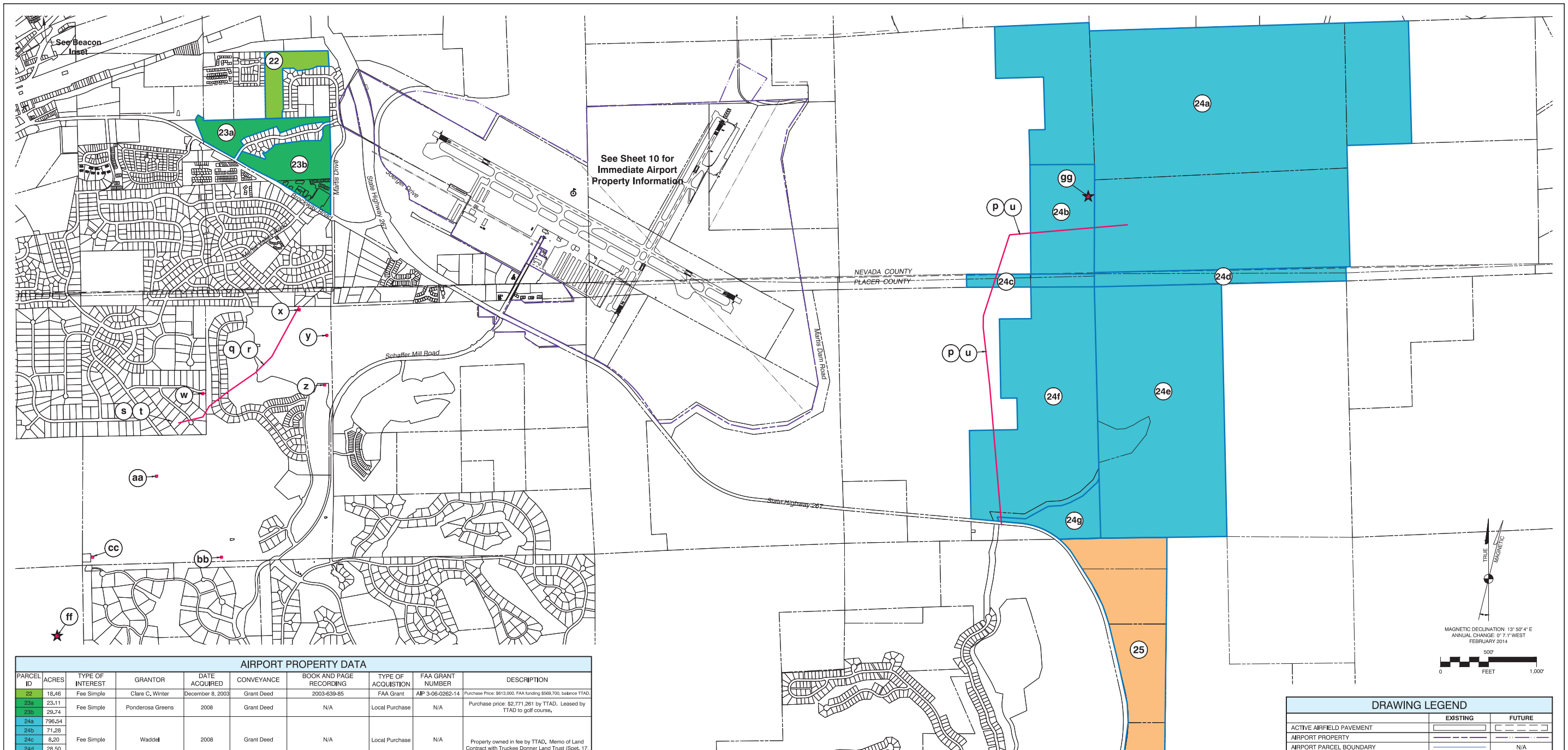
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3	ALP Update	PBS&J	2009
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1	ALP Update	PBS&J	2005

TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA
EXHIBIT 'A' PROPERTY MAP

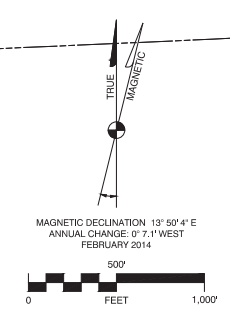
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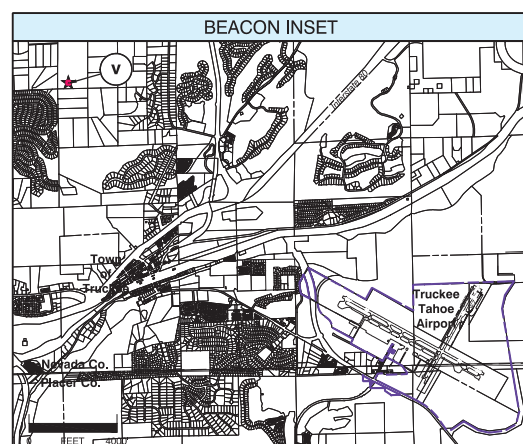


See Sheet 10 for Immediate Airport Property Information



AIRPORT PROPERTY DATA									
PARCEL ID	ACRES	TYPE OF INTEREST	GRANTOR	DATE ACQUIRED	CONVEYANCE	BOOK AND PAGE RECORDING	TYPE OF ACQUISITION	FAA GRANT NUMBER	DESCRIPTION
22	18.46	Fee Simple	Clare C. Winter	December 8, 2003	Grant Deed	2003-639-85	FAA Grant	AP 3-06-0262-14	Purchase Price: \$613,000. FAA funding \$569,700, balance TTAD.
23a	23.11	Fee Simple	Ponderosa Greens	2008	Grant Deed	N/A	Local Purchase	N/A	Purchase price: \$2,771,261 by TTAD. Leased by TTAD to golf course.
23b	29.74	Fee Simple	Ponderosa Greens	2008	Grant Deed	N/A	Local Purchase	N/A	Purchase price: \$2,771,261 by TTAD. Leased by TTAD to golf course.
24a	796.24	Fee Simple	Waddel	2008	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24b	71.28	Fee Simple	Waddel	2008	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24c	8.20	Fee Simple	Waddel	2008	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24d	28.50	Fee Simple	Waddel	2008	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24e	304.00	Fee Simple	Waddel	2008	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24f	208.00	Fee Simple	Waddel	Sept. 19, 1969	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
24g	27.00	Fee Simple	Waddel	May 29, 1958	Grant Deed	N/A	Local Purchase	N/A	Property owned in fee by TTAD. Memo of Land Contract with Truckee Donner Land Trust (Spot, 17, 2007) for conservation easement with TDLT.
25	141.14	Conservation Easement	Jones	TTAD	N/A	N/A	Conservation Easement	N/A	Conservation Easement

LEASE AND EASEMENT DATA									
PARCEL ID	ACRES	GRANTOR	GRANTEE	DATE ACQUIRED	CONVEYANCE	BOOK AND PAGE RECORDING	TYPE OF ACQUISITION	FAA GRANT NUMBER	DESCRIPTION
p	N/A	Waddles et ux	TTAD	Nov. 27, 1963	Right-of-Way	397 O.R. 419 (Nevada Co.), 1014 O.R. 492 (Placer Co.)	Local Purchase	N/A	TTAD obtained a 10-foot power line right-of-way and beacon site over portions of Sections 16, 17 & 20. Cost: \$3,800.
q	N/A	Joerger et al	TTAD	May 31, 1964	Right-of-Way	1017 O.R. 199 (Placer Co.)	Local Purchase	N/A	TTAD obtained a 10-foot power line right-of-way in NE 1/4 of Section 23. Cost: \$1,150.
r	N/A	TTAD	Sierra Pacific Power Co.	June 1, 1964	Right-of-Way	1027 O.R. 469 (Placer Co.)	Local Purchase	N/A	TTAD granted Sierra Pacific Power Company rights obtained in 'V' above.
s	N/A	Beavers et al	TTAD	May 25, 1964	Right-of-Way	1017 O.R. 478 (Placer Co.)	Local Purchase	N/A	TTAD granted Sierra Pacific Power Company rights obtained in 'W' above together with same collection.
t	N/A	TTAD	Sierra Pacific Power Co.	June 1, 1964	Right-of-Way	1027 O.R. 466 (Placer Co.)	Local Purchase	N/A	TTAD granted Sierra Pacific Power Company rights obtained in 'V' above together with the same collection.
u	N/A	TTAD	Sierra Pacific Power Co.	April 27, 1964	Right-of-Way	N/A	Local Purchase	N/A	TTAD granted Sierra Pacific Power Company rights obtained in 'V' above together with the same collection.
v	N/A	U.S. Forest Service	TTAD	Sept. 25, 1963	Agreement	N/A	Local Purchase	N/A	The Forest Service allowed the TTAD to install Beacon Light on 10-foot right-of-way to meet needs in terms of Agreement. 1018-000-013 as shown. 30 days after notice of completion by other party.
w	N/A	Timlick Tahoe Homeowners Assoc.	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #1
x	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #2
y	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #3
z	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #4
aa	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #5
bb	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #6
cc	N/A	Martis Valley Associates LLC	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Airport Monitor Easement #7
dd	141.14	Jones	TTAD	N/A	Conservation Easement	N/A	Local Purchase	N/A	Conservation Easement
ff	N/A	N/A	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Bald Mountain Beacon Light
gg	N/A	N/A	TTAD	N/A	Easement	N/A	Local Purchase	N/A	Dry Lake Beacon Light



DRAWING LEGEND		
	EXISTING	FUTURE
ACTIVE AIRFIELD PAVEMENT	[Symbol]	[Symbol]
AIRPORT PROPERTY	[Symbol]	[Symbol]
AIRPORT PARCEL BOUNDARY	[Symbol]	N/A
EXTERNAL PARCEL BOUNDARY	[Symbol]	N/A
COUNTY BOUNDARY	[Symbol]	N/A
TOWN OF TRUCKEE BOUNDARY	[Symbol]	N/A
EASEMENT	[Symbol]	N/A
REMOTE BEACON	[Symbol]	N/A

NO.	REVISION	SPONSOR	DATE
4	Airport Master Plan Update (Rwy 2-20 extension, 13A requirements)	Mead & Hunt, Inc.	2015
3	ALP Update	PBS&J	2009
2	ALP Update	PBS&J	2007
1	ALP Update	PBS&J	2005

TRUCKEE-TAHOE AIRPORT
TRUCKEE, CALIFORNIA

TTAD PROPERTY MAP

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