TRUCKEE TAHOE AIRPORT PAVEMENT EVALUATION STUDY PAVEMENT MAINTENANCE/MANAGEMENT PLAN

Appendix C Pavement Condition Survey

As an aid in determining the performance to date of the existing pavements and to provide a guide for the test program to be conducted in this study a detailed condition survey of all existing pavements was made. This survey consisted of visually observing all pavements and noting deficiencies in areas of distress. A copy of the drawing identifying the pavements surveyed is included in this appendix as Sheet No. C1.

The Pavement Condition Survey and Rehabilitation Schedules shown in Tables C1 through C72 include the following information for each pavement segment evaluated, if available:

- F.A.A. Pavement Strength Survey
- F.A.A. Existing Pavement Section, FAA Form 5335
- Date constructed
- Rehabilitation record
- Pavement condition including Pavement Condition Index (PCI)
- Pavement evaluation
- Pavement remaining life analysis
- Recommended rehabilitation.

Routine remarking of the pavements is required every 2 to 3 years. The scheduled remarking is not shown in Appendix C or Table 4-3 due to space limitations, but it is included in the rehabilitation and maintenance schedules.

The results of the new Pavement Condition Survey conducted in the 2013 Update have been added to this report and show the changes in pavement conditions resulting from rehabilitation of some sections and the effect of 2 more years of use and weathering on all pavements.

A table of contents of this appendix is shown below:

Plates

Plate No. C1

Pavement Segment Identification

Tables - Pavement Condition Survey and Rehabilitation Schedule

Tables No. C1 through C8

Runway 11-29

TRUCKEE TAHOE AIRPORT PAVEMENT EVALUATION STUDY PAVEMENT MAINTENANCE/MANAGEMENT PLAN

Appendix C Pavement Condition Survey

<u>Tables – Pavement Condition Survey and Rehabilitation Schedule</u> (Continued)

Tables No. C9a through C14 Tables No. C15a through C16 Tables No. C17a through C18 Table No. C19a through 19b Tables No. C20a through C21 Tables No. C22 through C24 Table No. C25 Table No. C26	Taxiway A Taxiway C Taxiway D Taxiway E Taxiway F Taxiway H Taxiway U Taxiway J
Tables No. C27 through C31 Tables No. C32 through C37 Table No. C38 Table No. C39 Table No. C40	Runway 2-20 Taxiway G Taxiway P Taxiway V Taxiway Q
Tables No. C41a through C41c Tables No. C42 through C44 Tables No. C45 through C47 Tables No. C48 through C51 Tables No. C52 through C54 Table No. C55	Apron A1a & EAA Apron A1 Apron A2 Apron A3 Apron A4 South Jet Apron
Tables No. C56 through C67 Tables No. C68 through C70 Tables No. C71 through C72	Hangars A-H Hangars J-K Hangars L-M

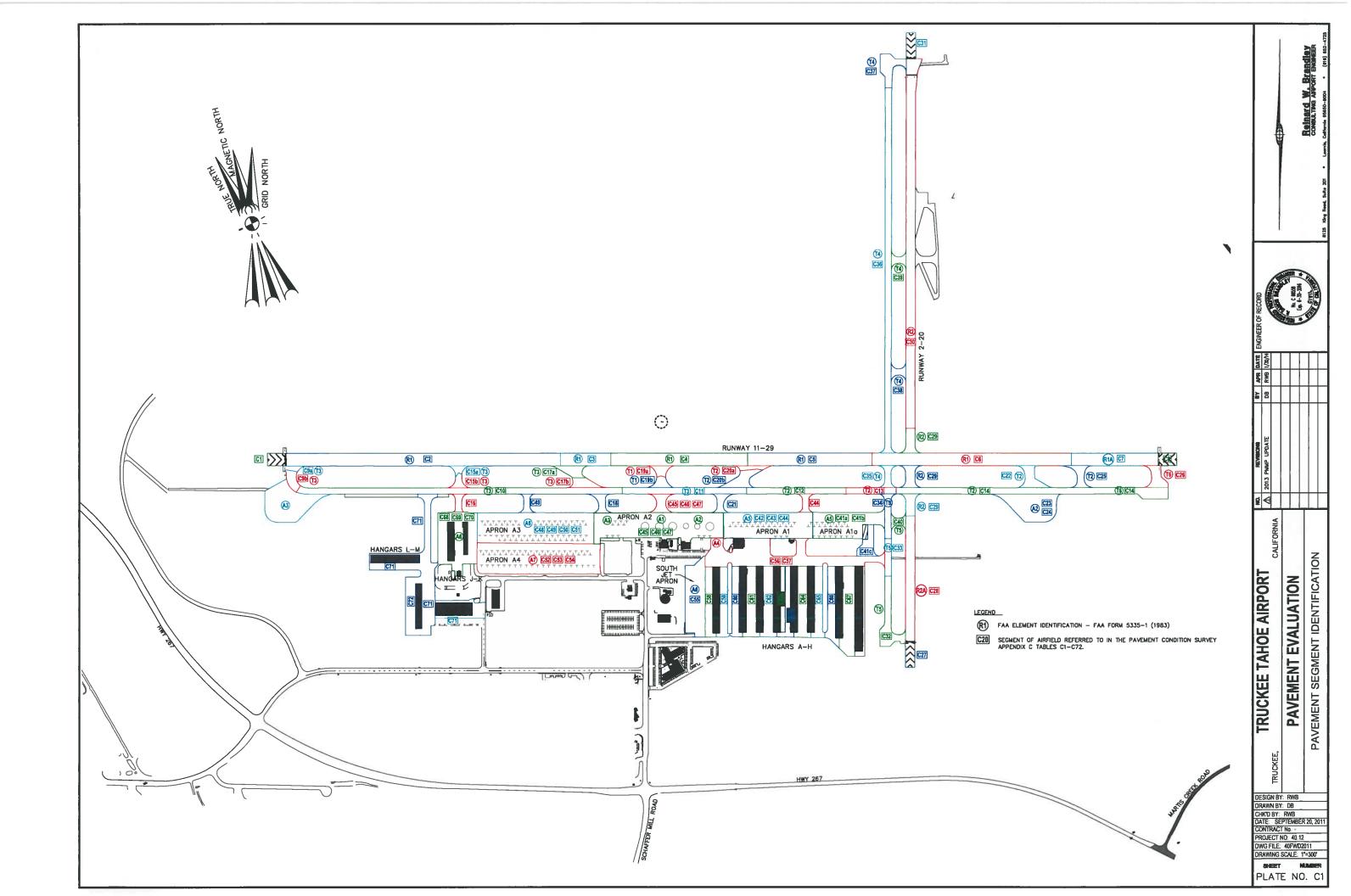


TABLE	NO. C1 - PA	AVEMENT CON	IDITION SURVE	Y AND	REHABILI	TATION SCH	IEDULE
					Date of		§ 6, 2011
Airport:		Truckee-Tah	oe Airport		Survey:		013 Update
Element:	Runway 11	-29					·
Station:	West Blast	Pad - Sta1+5	0 to 0+00			**	
Dimensions:	100' x 150'						
FAA Pavemen	_	•	None				
Element Ident	ification (Fo						
			s - inches		ksi	μ	Remarks
	DEC	2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC	No Data					
Section:	AC						
	AB						
	ASB						
	Subgrade						
	Sub-soil						
Date Construc	ted:				HELIAN		
Rehabilitation	Record:	Date			Туре		
		1986, 2012	2012 - Reconst	ruction (Add 2" Roo	ck, Pulverize,	+ 3"AC)
Pavement Cor	ndition:	No Grooves, Jo	oints, or Cracks				
Weathering - L							
No Rutting, She	oving, or Ra		·				2011 PCI = 60
		Pavement Rati					2013 PCI = 95
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis		ARFIELD
Traffic Index			Maintenan	ce Equipr	ment	Maintenand	e Equipment
		ion - 20 K Load					
		ing Life - Years					
		Year of Failure					
Recommende		ation:					
	Rehab.						
Date	Code			Descri	•	Modes MeAL	
2026	F, H				Joints, Fog		
2031	G		Crack Re	pair, Sea	l Cracks &	Joints	
				-			
					···		-
Damaria	Otation In		atad at Down	alalations	الماماء		
Remarks:	199.4		ated at Runway				ISÍ.
			e for section - Se				0.00
	For Traffic I	naex see Appe	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.

Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update		
Element:	Runway 11	-29							
Station:	0+00 to 22-	+00							
Dimensions:	100' x 2200)'			1				
FAA Pavemer			R1 Single	Gear - 60) kins				
Element Ident		•		iear - 100					
	74 May 10 M	Thicknes	s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	4	3	150	350	0.35			
	AB	8	14	40	40	0.35			
	ASB	-	<u> </u>						
	Subgrade	48	48	10	10	0.35			
	Sub-soil	S.I.	S.I.	25	25	0.35			
Date Constru	cted:	1963							
Rehabilitation	Record:	Date	Туре						
		1986, 2012 2012 - Reconstruction (Add 2" Rock, Pulverize, + 3"AC)							
			2012 - 11600118	illuction (Aug 2 Hou	ck, Pulverize,	+ 3"AC)		
			2012 - Necons	arucuon (Add 2 Hot	ck, Pulverize,	+ 3"AC)		
<u> </u>	100					ck, Pulverize,	+ 3"AC)		
Pavement Co	ndition:	Grooved (center				ck, Pulverize,	+ 3"AC)		
Pavement Co	ndition:					ck, Pulverize,	+ 3"AC)		
Pavement Co						ck, Pulverize,	+ 3"AC)		
Weathering - L	ight	Grooved (center							
Weathering - L	ight	Grooved (cente	er 80'), no joints				2011 PCI = 60		
Weathering - L No Rutting, Sh	ight oving, or Ra	Grooved (center	er 80'), no joints	s, no crac	ks.		2011 PCI = 60 2013 PCI = 99		
Weathering - L No Rutting, Sh	ight oving, or Ra	Grooved (cente	er 80'), no joints	s, no crac	ks.		2011 PCI = 60		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F	ight oving, or Ra Remaining L	velling Pavement Rati	er 80'), no joints ng = Excellent Brandley - F	atigue A	ks.	FAA - FA	2011 PCI = 6 2013 PCI = 9 ARFIELD		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Stru	ight oving, or Ra Remaining L Plate Deflecticture Remain	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years	er 80'), no joints ng = Excellent Brandley - F	atigue A	ks. nalysis	FAA - FA	2011 PCI = 6 2013 PCI = 9 ARFIELD A1		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Stru	ight oving, or Ra Remaining L Plate Deflecticture Remain	velling Pavement Rati	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75)	atigue A	nalysis A1 88 (75)	FAA - FA A 43-88 (75)	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75)		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct Pavement Struct 2013 U	ight oving, or Ra Remaining L Plate Deflecti cture Remain cture Estimate	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36	atigue A	nalysis A1 88 (75)	FAA - FA A 43-88 (75) 0.2	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up	ight oving, or Ra Remaining L Plate Deflecti cture Remain cture Estimate pdated Remai date Estimate	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047	atigue A	nalysis A1 88 (75) 25	FAA - FA A 43-88 (75) 0.2	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up	ight oving, or Ra Remaining L Plate Deflecti cture Remain cture Estimate odated Remai date Estimate d Rehabilita	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	ng = Excellent Brandley - F A 43-88 (75) 36 2047 117	atigue A	nalysis A1 88 (75) 25 036 85	FAA - FA A 43-88 (75) 0.2	2011 PCI = 60 2013 PCI = 99 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up 2013 Up Recommende	ight oving, or Ra Remaining L Plate Deflecti cture Remain cture Estimate pdated Remai date Estimate d Rehabilita Rehab.	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	ng = Excellent Brandley - F A 43-88 (75) 36 2047 117	atigue A	nalysis A1 88 (75) 25 036 85 098	FAA - FA A 43-88 (75) 0.2	2011 PCI = 60 2013 PCI = 99 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date	ight oving, or Ra Remaining L Plate Deflection of the Estimate of the Estima	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130	atigue A 43-8	nalysis A1 88 (75) 25 036 85 098	FAA - FA A 43-88 (75) 0.2 2011	2011 PCI = 60 2013 PCI = 99 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining L Plate Deflecticure Remain cture Estimate pdated Remain date Estimate d Rehabilita Rehab. Code F, H	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130	atigue A 43-8 20 Descri Seal New	ks. nalysis A1 88 (75) 25 036 85 098 ption Joints, Fog	FAA - FA A 43-88 (75) 0.2 2011 - -	2011 PCI = 60 2013 PCI = 99 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date	ight oving, or Ra Remaining L Plate Deflection of the Estimate of the Estima	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130	atigue A 43-8 20 Descri Seal New	nalysis A1 88 (75) 25 036 85 098	FAA - FA A 43-88 (75) 0.2 2011 - -	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining L Plate Deflecticure Remain cture Estimate pdated Remain date Estimate d Rehabilita Rehab. Code F, H	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130	atigue A 43-8 20 Descri Seal New	ks. nalysis A1 88 (75) 25 036 85 098 ption Joints, Fog	FAA - FA A 43-88 (75) 0.2 2011 - -	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date 2026 2031	ight oving, or Ra Remaining L Plate Deflective Remaining ture Estimate Deflective Remaining ture Remaining tu	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure ation:	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130 Saw & Crack R	Patigue A 43-8 20 Descri Seal New epair, Sea	ks. nalysis A1 88 (75) 25 036 85 098 ption Joints, Fog	FAA - FA A 43-88 (75) 0.2 2011 - -	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2 2011		
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining L Plate Deflection of the Estimate of the Estima	velling Pavement Rati Life Analysis ion - 25 K Load ing Life - Years e Year of Failure ining Life - Years d Year of Failure	er 80'), no joints ng = Excellent Brandley - F A 43-88 (75) 36 2047 117 2130 Saw & Crack R	atigue A 43-8 20 Descri Seal New epair, Sea	ks. nalysis A1 88 (75) 25 036 85 098 ption Joints, Fog	FAA - FA A 43-88 (75) 0.2 2011 Seal Joints	2011 PCI = 6 2013 PCI = 9 ARFIELD A1 43-88 (75) 0.2 2011		

TABLE	NO. C3 - PA	AVEMENT CON	IDITION SURVI	EY AND	REHABILI	TATION SCH	EDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update		
Element:	Runway 11	-29							
Station:	22+00 to 26	6+00							
Dimensions:	100' x 400'						····		
FAA Pavemer		Survey -	R1 Single	Gear - 60) kins				
Element Ident	_	-		ear - 100					
		Thicknes	s - inches		ksi	μ	Remarks		
Milk Things	difficient	2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	4	3	150	350	0.35			
	AB	8	14	40	40	0.35			
	ASB		-						
	Subgrade	48	48	10	10	0.35			
	Sub-soil	S.I.	S.I.	25	25	0.35			
Date Constru	cted:	1963					January 1985		
Rehabilitation Record: Date					Туре				
		1986, 2012	2012 - Recons	truction (Add 2" Ro	ck, Pulverize,	+ 3"AC)		
Weathering - L No Rutting, Sh							2011 PCI = 60		
0011 Davis	Damaining I	Pavement Rati					2013 PCI = 95		
	Remaining L	ife Analysis					ARFIELD		
Traffic Index	Plate Deflect	ion - 25 K Load	B 56-71 (75)		B1 '1 (75)	B 56-71 (75)	B1 56-71 (75)		
		ing Life - Years	25		17	0.9	0.4		
		Year of Failure	2036		028	2012	2011		
2013 U	odated Remai	ining Life - Years	87		63	-	•		
		d Year of Failure	2100		076	-	-		
Recommende	d Rehabilita	ation:							
- 10	Rehab.	Espision Harbard		No.					
Date	Code			Descri	ption				
2026	F, H								
2031	G		Crack R	epair, Sea	l Cracks &	Joints			
			·						
Damas Iss	Obediesel	-10-0-	-4-1-15		L . L.L				
Remarks:		ed on Sta. 0 loc					St.		
		was mean value					9 2 2		
	FOI ITAIIIC I	ndex see Apper	IUIX D. FOT HET	iabilitatio	n Code se	e rabies 3-1	α J-J.		

Airport: Element: Station: Dimensions: FAA Pavemen Element Ident	Runway 11 26+00 to 37		oe Airport		Date of	May 5	2 6 2011
Station: Dimensions: FAA Pavemen	26+00 to 37	20	Truckee-Tahoe Airport				& 6, 2011 013 Update
Dimensions: FAA Pavemen		-29					
FAA Pavemen		7+00					
FAA Pavemen	1100' x 1100)*					·
			R1 Single	 Gear - 60) kins		
	_	•		ear - 100			
Land State of the		Thicknes	s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		de visitatina
Existing	PFC						
Pavement	PCC						
Section:	AC	4	3	250	350	0.35	
	AB	8	14	30	40	0.35	
	ASB		-				
	Subgrade	48	48	10	10	0.35	
	Sub-soil	S.I.	S.I.	20	20	0.35	
Date Construc	ted:	1963					
Rehabilitation	Record:	Date			Type	The Market of the	
		1986, 2012	2012 - Reconst	truction (Add 2" Ro	ck, Pulverize,	+ 3"AC)
Pavement Cor Weathering - L No Rutting, Sho	ight	velling	er 80'), no joints	, no crac	ks.		2011 PCI = 60
2011 Bayament	Pomoining I	Pavement Ration In Indian Ind		ations A	a a braia		2013 PCI = 95
Traffic Index	nemaining L	Ile Allalysis	Bianuley - r		naiysis 31	B FAA - FA	ARFIELD B1
	late Deflecti	ion - 25 K Load	63-93 (80)		3 (80)	63-93 (80)	63-93 (80)
		ing Life - Years	23		16	1.0	0.5
Pavement Struc	ture Estimate	Year of Failure	2034		027	2012	2012
2013 Ur	dated Remai	ning Life - Years	81		59	-	-
2013 Upo	late Estimate	d Year of Failure	2094	20	072	-	
Recommende	d Rehabilita	ation:					
	Rehab.						
Date	Code			Descri	ption		
2026	F, H				Joints, Fog		
2031	G		Crack Re	epair, Sea	Cracks &	Joints	
Remarks:	Station hose	ad on Sta Alas	ated at Bunuar	11 +6+00	hold and	rocoding	ot .
iemarks.		ed on Sta. 0 loc was mean value					ા .
		ndex see Apper					8. 3-3

		AVENIENT CON	DITION SURV	EY AND	REHABILI	TATION SCH	IEDULE					
Airport:		Truckee-Tah	oe Airport		Date of Survey:							
Element:	Runway 11	-29										
Station:	37+00 to 47	7+00										
Dimensions:	100' x 1000)'	· · · · · · · · · · · · · · · · · · ·									
FAA Pavemen			R1 Single	Gear - 60) kips							
Element Ident				ear - 100								
	Sub-Mind and	Thicknes	s - inches	E	ksi	μ	Remarks					
		2011	2013	2011	2013							
Existing	PFC											
Pavement	PCC											
Section:	AC	4	3	250	350	0.35						
	AB	8	14	30	40	0.35						
	ASB		-									
	Subgrade	48	48	10	10	0.35						
	Sub-soil	S.I.	S.I.	20	20	0.35						
Date Constru		1963										
Rehabilitation	Record:	Date			Туре							
		1986, 2012	2012 - Recons	truction (Add 2" Ro	ck, Pulverize,	+ 3"AC)					
				1000; 2012 2012 11000Hotraction (Flag 2 1100H, Faironzo, Forto)								
Pavement Co	ndition:	Grooved (cente	er 80'), no ioints	s. no crac	ks.							
Weathering - L No Rutting, Sh	ight			s, no crac	ks.							
Weathering - L No Rutting, Sh	ight oving, or Ra	velling Pavement Rati	ng = Excellent				2011 PCI = 60 2013 PCI = 95					
Weathering - L No Rutting, Sh 2011 Pavement	ight oving, or Ra	velling	ng = Excellent Brandley - F	atigue A	nalysis		2013 PCI = 95 ARFIELD					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index	ight oving, or Ra Remaining I	velling Pavement Rati Life Analysis	ng = Excellent Brandley - F C	atigue A	nalysis	С	2013 PCI = 95 AARFIELD C1					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F	ight oving, or Ra Remaining I	velling Pavement Rati	ng = Excellent Brandley - F C 57-82 (80)	-atigue A	nalysis C1 32 (80)	C 57-82 (80)	2013 PCI = 95 ARFIELD C1 57-82 (80)					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Stru	ight oving, or Ra Remaining I Plate Deflect cture Remain	velling Pavement Ration ife Analysis ion - 25 K Load	ng = Excellent Brandley - F C	-atigue A	nalysis	С	2013 PCI = 95 AARFIELD C1					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Structure	ight oving, or Ra Remaining I Plate Deflect cture Remain	velling Pavement Rati ife Analysis ion - 25 K Load ing Life - Years	ng = Excellent Brandley - F C 57-82 (80) 19 2030	-atigue A 57-8	nalysis C1 32 (80) 12	C 57-82 (80) 1.0	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct Pavement Struct 2013 U	ight oving, or Ra Remaining L Plate Deflect cture Remain cture Estimate	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19	-atigue A 57-8	nalysis C1 32 (80)	C 57-82 (80) 1.0	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up	ight oving, or Ra Remaining I Plate Deflect cture Remain cture Estimate odate Estimate	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70	-atigue A 57-8	nalysis C1 32 (80) 12 023	C 57-82 (80) 1.0	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up	ight oving, or Ra Remaining I Plate Deflect cture Remain cture Estimate odate Estimate	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70	-atigue A 57-8	nalysis C1 32 (80) 12 023	C 57-82 (80) 1.0	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue 2013 Up	ight oving, or Ra Remaining L Plate Deflect cture Remain cture Estimate odated Remain date Estimate d Rehabilita	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70	-atigue A 57-8	nalysis C1 32 (80) 12 023 52 065	C 57-82 (80) 1.0	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining L Plate Deflect cture Remain cture Estimate odated Remai date Estimate d Rehabilita Rehab. Code F, H	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70 2083	Seal New	nalysis C1 32 (80) 12 023 52 065	C 57-82 (80) 1.0 2012 - -	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date	ight oving, or Ra Remaining I Plate Deflect cture Remain cture Estimate odated Remain date Estimate d Rehabilita Rehab. Code	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70 2083	Seal New	nalysis C1 32 (80) 12 023 52 065	C 57-82 (80) 1.0 2012 - -	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining L Plate Deflect cture Remain cture Estimate odated Remai date Estimate d Rehabilita Rehab. Code F, H	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70 2083	Seal New	nalysis C1 32 (80) 12 023 52 065	C 57-82 (80) 1.0 2012 - -	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date 2026 2031	ight oving, or Ra Remaining I Plate Deflect cture Remain cture Estimate odated Remain date Estimate d Rehabilita Rehab. Code F, H G	velling Pavement Rati Life Analysis ion - 25 K Load ling Life - Years Year of Failure lining Life - Years d Year of Failure ation:	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70 2083 Saw & Crack R	Descri Seal New epair, Sea	nalysis C1 32 (80) 12 023 52 065 iption Joints, Fog	C 57-82 (80) 1.0 2012 - - - Seal Joints	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5 2012 -					
Weathering - L No Rutting, Sh 2011 Pavement Traffic Index FWD Center F Pavement Struct 2013 Up 2013 Up Recommende Date 2026	ight oving, or Ra Remaining I Plate Deflect cture Remain cture Estimate odated Remain date Estimate date Estimate GRehabilita Rehab. Code F, H G Station bas	velling Pavement Ration Paveme	ng = Excellent Brandley - F C 57-82 (80) 19 2030 70 2083 Saw & Crack R	Descri Seal New epair, Sea	nalysis C1 32 (80) 12 023 52 065 iption Joints, Fog	C 57-82 (80) 1.0 2012 - - Seal Joints	2013 PCI = 95 ARFIELD C1 57-82 (80) 0.5 2012 -					

TABLE	NO. C6 - PA	VEMENT CON	IDITION SURVI	EY AND	REHABILI	TATION SCH	EDULE	
Airport:		Truckee-Tah	noe Airport		Date of Survey:		k 6, 2011 013 Update	
Element:	Runway 11	-29						
Station:	47+00 to 63	3+00						
Dimensions:	100' x 1600	t						
FAA Pavemen	t Strength	Survey -	R1 Single	Gear - 60) kips			
Element Ident	ification (Fo	orm 5335-1):		ear - 100				
		Thicknes	s - inches		ksi	μ	Remarks	
	S. Park	2011	2013	2011	2013			
Existing	PFC			'				
Pavement	PCC							
Section:	AC	4	4	250		0.35		
	AB	8	8	40		0.35		
	ASB		-	1			· .	
	Subgrade	48	48	10		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construe	cted:	1963			THE A ST			
Rehabilitation	Record:	Date	The second		Туре			
		1986, 2008	2008 - Remove	and Rei		ement Section		
		,						
Pavement Co	ndition:	Grooved, Seale	ed. Jointed - 1/	4"-1/2" - :	25'x25' - S	ealed (no ban	d-aid).	
Cracks - Longi	tudinal - Nor	ie						
-Tran	sverse - Non	е						
Weathering - L								
No Rutting, Sh	oving, or Ra	velling					2011 PCI = 86	
		Pavement Rati					2013 PCI = 86	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD	
Traffic Index			С		C1	С	C1	
		on - 25 K Load			68 (65)	37-68 (65)	37-68 (65)	
		ing Life - Years	18		14	1.5	0.8	
		Year of Failure	2029	2	025	2013	2012	
Recommende		ition:						
Deta	Rehab.			Desir				
Date	Code		0 0	Descri		Carl		
2017	F G	Saw & Seal New Joints, Fog Seal						
2022		Crack Repair, Seal Cracks and Joints Reconstruct						
2026	A or E			necon	Struct			
					···			
Remarks:	Station has	ed on Sta. 0 loc	ated at Runway	/ 11 thres	shold and r	roceeding ea	st.	
	FWD used	was mean value	e for section - S	ee FWD	Graphs A	ppendix B		

Element: Runway 11-29	TABLE	NO. C7 - PA	AVEMENT CON	DITION SURVE	Y AND	REHABILI	TATION SCH	EDULE	
Station: 63+00 to 70+00	Airport:		Truckee-Tah	oe Airport			-	-	
Dimensions: 100' x 700' FAA Pavement Strength Survey - R1A	Element:	Runway 11	-29						
R1A Single Gear - 75 kips Dual Gear - 120 kips	Station:	63+00 to 70	0+00						
R1A Single Gear - 75 kips Dual Gear - 120 kips	Dimensions:	100' x 700'						-	
Dual Gear - 120 kips Dual Gear - 120 kips			Survey -	R1A Single (5 kips			
Proc	Element ident	ification (Fo	orm 5335-1):			<u> </u>			
PFC			Thicknes				μ	Remarks	
Pavement Section: PCC			2011	2013	2011	2013			
AC	Existing	PFC							
AB	Pavement	PCC							
ASB	Section:	AC	4	4	250		0.35		
Subgrade		AB	8	8	35		0.35		
Sub-soil S.I. S.I. 25 0.35		ASB		-					
Date Constructed: 1971	ı	Subgrade	48	48	17		0.35		
Date Type		Sub-soil	S.I.	S.I.	25		0.35		
Pavement Condition: Grooved, Sealed. Jointed - 1/4"-1/2" - 25'x25' - Sealed (no band-aid). Cracks - Longitudinal - None -Transverse - None Weathering - Light No Rutting, Shoving, or Ravelling Pavement Remaining Life Analysis Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index C C1 C1 C C1 FWD Center Plate Deflection - 25 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure Pavement Structure Estimate Year of Failure Pavement Gehabilitation: Rehab. Code Description 2017 F Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks and Joints Pacement Structure Stimate Seal Ocated at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B	Date Construc	cted:	1971					Tel May 9	
Pavement Condition: Grooved, Sealed. Jointed - 1/4"-1/2" - 25'x25' - Sealed (no band-aid). Cracks - Longitudinal - None -Transverse - None Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Pandley - Fatigue Analysis FAA - FAARFIELD Traffic Index C C1 C C1 FWD Center Plate Deflection - 25 K Load 37-63 (52) 37-63 (52) 37-63 (52) 37-63 (52) Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab. Code Description 2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Reconstruct Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B	Rehabilitation	Record:	Date			Туре		Activities and the	
Cracks - Longitudinal - None			1986, 2008	008 2008 - Remove and Replace Pavement Section					
Cracks - Longitudinal - None									
Cracks - Longitudinal - None									
-Transverse - None Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index C C C1 C FWD Center Plate Deflection - 25 K Load 37-63 (52) Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab. Code Description 2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B				ed. Jointed - 1/4	1"-1/2" -	25'x25' - S	ealed (no bar	ıd-aid).	
Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index C C1 C1 C C1 FWD Center Plate Deflection - 25 K Load C37-63 (52) C3									
No Rutting, Shoving, or Ravelling			ie						
Pavement Rating = Excellent 2013 PCI = 86 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index C C1 FWD Center Plate Deflection - 25 K Load 37-63 (52) Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab. Code Description 2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B			volling					0011 DOL 96	
Traffic Index C C C1 C C1 FWD Center Plate Deflection - 25 K Load 37-63 (52) 37-63 (52) 37-63 (52) 37-63 (52) Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab. Code Description	No hulling, Sir	oving, or ha		ng – Evcellent					
Traffic Index	2011 Pavement	Remaining I	ife Analysis	Brandley - F	atique A	nalveie			
Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab. Date Code Description 2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B		Tiemaning i	inc Analysis						
Pavement Structure Remaining Life - Years 30 23 16 9 Pavement Structure Estimate Year of Failure 2041 2034 2027 2020 Recommended Rehabilitation: Rehab.		Plate Deflect	ion - 25 K Load						
Recommended Rehabilitation: Rehab. Date Code Description				, .					
Recommended Rehabilitation: Rehab. Code Description 2017 F Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks and Joints 2026 A or E Reconstruct Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B	Pavement Struc	cture Estimate	Year of Failure		2	034		2020	
Date Code Description 2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Reconstruct Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B	Recommende	d Rehabilita	ation:		-				
2017 F Saw & Seal New Joints, Fog Seal 2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Reconstruct Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B		Rehab.							
2022 G Crack Repair, Seal Cracks and Joints 2026 A or E Reconstruct Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B	Date	Code			Descri	iption			
Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B		-			·				
Remarks: Station based on Sta. 0 located at Runway 11 threshold and proceeding east. FWD used was mean value for section - See FWD Graphs, Appendix B				Crack Rep			Joints		
FWD used was mean value for section - See FWD Graphs, Appendix B	2026	A or E			Recon	struct			
FWD used was mean value for section - See FWD Graphs, Appendix B			.:						
FWD used was mean value for section - See FWD Graphs, Appendix B									
FWD used was mean value for section - See FWD Graphs, Appendix B	Pemarks:	Station has	ed on Sta Oloo	ated at Punyay	11 thros	shold and s	roceeding on	et	
	i terriar No.								
THE LIGHTER OF ADDRESS OF COMPANIES OF THE COMPANIES OF T								& 3-3	

TABLE	NO. C8 - PA	VEMENT CON	DITION SURVE	Y AND	REHABILI	TATION SCH	EDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:	•	& 6, 2011 013 Update		
Element:	Runway 11	-29							
Station:	East Blast F	Pad							
Dimensions:	100' x 150'								
FAA Pavemen			None						
Element Ident	ification (Fo								
			s - inches		ksi	μ	Remarks		
	DEO	2011	2013	2011	2013				
Existing	PFC	N 5 .							
Pavement	PCC	No Data							
Section:	AC								
	AB								
	ASB								
	Subgrade								
	Sub-soil								
Date Construc									
Rehabilitation	Record:	Date	Туре						
		1986							
		2013	Marking change	ed to zeb	ra striped	markings.			
Pavement Cor			- 25'x25' - Seale	d.					
		e-Severe (90%).							
		erate, Sealed.	Moderate Alligat	or Crack	king, Some	Depressions			
Weathering - M									
No Rutting, She	oving. Mino						2011 PCI = 55		
		Pavement Rati					2013 PCI = 38		
2011 Pavement	Hemaining L	.ite Analysis	Brandley - F				ARFIELD		
Traffic Index	lata Daffaati	00 1/ 11	Maintenan	ce Equipr	ment	Maintenand	e Equipment		
Pavement Stru	<u>rlate Dellecti</u> cture Remain	on - 20 K Load							
Pavement Struc									
Recommende									
recommende	Rehab.	ttioii.							
Date	Code			Descri	intion				
2018	D		Remo		d Reconstru	ıct			
2026	A or E		· · · - · · · · · · · · · · · · ·			= -			
2020	7, 0, 2	or E Reconstruct with Runway Project							
Remarks:	Station base	ed on Sta. 0 loc	ed on Sta. 0 located at Runway 11 threshold and proceeding east.						
			e for section - Se						
			ndix D. For Reh				& 3-3.		

Airport:							
		Truckee-Tah	oe Airport		Date of Survey:		k 6, 2011 013 Update
Element:	Taxiway A						
Station:	0+00 to 2+0	00 (Taxiway B)					
Dimensions:	50' x 200'		.,				
FAA Pavemen		Survey -	T3 Single (Gear - 60) kips		
Element Ident	ification (Fo	orm 5335-1):		ear - 100			
		Thicknes	s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC				-		
Pavement	PCC						
Section:	AC	3	3	250		0.35	
	AB	8	8	30		0.35	
	ASB		-				-
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	30		0.35	
Date Construc	ted:	1963					
Rehabilitation	Record:	Date		TO THE	Туре		HARMAN TO
		1986					- "
		2011, 2012	AC Patch Repa	irs			
		4 7					
Pavement Cor			ry Sealed, AC P	atches.			
		lerate (Paving L					
			0' Spacing - 3/4'			(21, 21)	
			Pavement dama	age from	snow plov		
No Rutting, She	oving, or Ha						2011 PCI = 51
2011 Dayament	Demoining I	Pavement Rati		-A: A	- e li vei e		2013 PCI = 41
Traffic Index	Remaining L	.iie Anaiysis	Brandley - F				ARFIELD
	Plate Deflecti	on - 20 K Load	D 50-60 (56)		D1 60 (56)	D 50-60 (56)	D1 50-60 (56)
		ing Life - Years	31		21	5	3
		Year of Failure	2042		032	2016	2014
Recommende			2012		002	2010	2014
	Rehab.						
Date	Code			Descri	ption		
2019	G		Crac		Seal Crack	S	
2024	В				Reconstruc		
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal	
Remarks:			ated at Edge of for section - Se				eding east.
	For Traffic I	ndex see Appe	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE	NO. C9b - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:	•	& 6, 2011 2013 Update	
Element:	Taxiway A							
Station:	Taxiway B	Holding /	Apron					
Dimensions:		<u> </u>		·				
FAA Pavemen		Survey -	T3 Single	Gear - 60) kins			
Element Ident	_	•		ear - 100				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	0		0.35		
	AB	8	8	0		0.35		
1	ASB		-					
1	Subgrade	48	48	0		0.35		
	Sub-soil	S.I.	S.I.	0		0.35		
Date Construc	cted:	1963						
Rehabilitation	Record:	Date						
		1986	<u> </u>					
Pavement Cor		No Joints						
		% has 10' bloc	k cracking, 50%	has 30'	block cracl	king)		
Slurry Seal is r								
Severe Alligato								
No Rutting or S	Shoving. We	eathering - Mode				-	2011 PCI = X	
		Pavement Rati					2013 PCI = 22	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - F	AARFIELD	
Traffic Index	N. F. B. C. 12	20.14.1						
		on - 20 K Load ing Life - Years						
		Year of Failure				·		
Recommende								
riecommenae	Rehab.	ttion.			- 15 - 1 - 1 - 1			
Date	Code			Descri	ntion			
2019	G		Crac		Seal Crack	<u>*************************************</u>		
2024	В				Reconstruc			
2036	F, H				Joints, Fog			
							·	
						-		
Remarks:		ed on Sta. 0 loc					eding east.	
		was mean value					0.00	
	FOR I PATTIC I	ndex see Apper	alx D. For Her	nabilitatio	n Code se	e Lables 3-1	& 3-3.	

TABLE I	NO. C10 - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		6, 2011 013 Update
Element:	Taxiway A						
Station:	2+00 to 28+	⊦ 00					
Dimensions:	50' x 2600'						
FAA Pavemen	t Strength S	Survey -	T3 Single	Gear - 60) kips		
Element Ident	ification (Fo	orm 5335-1):		ear - 100			
		Thicknes	s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		and the late of
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3	350	!	0.35	
	AB	8	8	50		0.35	
	ASB		-				
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:	1963					
Rehabilitation	Record:	Date		N. John	Туре		
		1986					
		2011, 2012	AC Patch Repa	irs			
Pavement Cor	adition	No lointe Slur	l ry Sealed, AC P	latabas			
			Joints) - Sealed,		wheelnat	h - Sealed	
			ks 50' long. Sea		ı wilecipat	II - Sealeu.	
Weathering - N		iorate de craei	No oo long. Oct	aicu			
No Rutting, Sh		vellina					2011 PCI = 51
g,	- · · · · · · · · · · · · · · · · · · ·	Pavement Rati	ng = Fair				2013 PCI = 46
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis		ARFIELD
Traffic Index			D		D1	D	D1
		ion - 20 K Load	35-41 (41)	35-4	11 (41)	35-41 (41)	35-41 (41)
		ing Life - Years	36		24	15	8
		Year of Failure	2047	2	035	2026	2019
Recommende		ation:					
	Rehab.						
Date	Code			Descri			
2019 2024	G B				Seal Crack		
2024	F, H				Reconstruction Joints, Fog		
2030	Г, П		Saw a s	beal New	Joints, rog	Seai	
Remarks:	Station bas	ed on Sta. 0 loc	ated at Edge of	Runway	11 at Tax	iway B proce	eding east.
			e for section - S				
	For Traffic I	ndex see Appe	ndix D. For Reh	nabilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE	NO. C11 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update		
Element:	Taxiway A								
Station:	28+00 ot 38	3+00							
Dimensions:	50' x 1000'					· ···	<u>.</u>		
FAA Pavemen		Survey -	T3 Single	Gear - 60) kips				
Element Ident		•		ear - 100	•				
		Thicknes	s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	250		0.35	,,,		
	AB	8	8	30		0.35			
	ASB		-						
	Subgrade	48	48	15		0.35			
	Sub-soil	S.I.	S.I.	30		0.35			
Date Constructed: 1963									
Rehabilitation	Record:	Date			Type				
		1986							
	i	2011, 2012 AC Patch Repairs							
Pavement Cor			ry Sealed, AC P	atches.					
Cracks - Longi	tudinal - Mod	derate (Paving c	Joints) - Sealed						
			30' to 60' Spaci			<u></u>			
Weathering - N			igator Cracking	- 100'x5'		····			
No Rutting, Sh	oving, or Ra						2011 PCI = 51		
2011 Dovement	Damaining I	Pavement Rati		A			2013 PCI = 38		
	Remaining L	life Analysis	Brandley - F				ARFIELD		
Traffic Index	Plata Daflacti	on - 20 K Load	E 48-56 (56)		E1 6 (56)	E 48-56 (56)	E1 48-56 (56)		
Pavement Stru	cture Remain	ing Life - Years	21		15	46-30 (30)	2		
		Year of Failure	2032		026	2015	2013		
Recommende			2002		020	2013	2013		
	Rehab.								
Date	Code			Descri	ption				
2016	B Rehabilitate - Reconstruct								
2031	F, H	F, H Saw & Seal New Joints, Fog Seal							
				·					
Pomorko:	Station has	nd on Cto Ales	atad at Edge of	Dunier	11		odina		
Remarks:			ated at Edge of				euing east.		
			e for section - Sendix D. For Reh				2 2 2		
	TOT TIAITICT	inger see whhe	TUIN D. FUI MEI	iaviiilallU	ii Code Se	E 1 anies 3-1	α J-J.		

TABLE	NO. C12 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		k 6, 2011 013 Update	
Element:	Taxiway A							
Station:	38+00 to 46	6+00						
Dimensions:	50' x 800'							
FAA Pavemen		Survev -	T2 Single	Gear - 60) kins			
Element Ident		•		ear - 100				
			s - inches	Name and Address of the Owner, where the Owner, which is the Own	ksi	μ	Remarks	
I was provided to		2011	2013	2011	2013			
Existing	PFC						.=	
Pavement	PCC	·						
Section:	AC	3	3	250		0.35		
	AB	8	8	30		0.35		
	ASB		-					
	Subgrade	48	48	15		0.35		
	Sub-soil S.I. S.I. 30 0.35							
Date Constru	cted:	1963						
Rehabilitation Record: Date Type								
		1986						
		2011, 2012	AC Patch Repa	irs				
Pavement Co			ry Sealed, AC P	atches.				
		derate (Paving						
			0' Spacing - 1" t					
Weathering - N			racking - South	ern 12' o	f laxiway		0011 DOL 51	
ino Shoving, oi	Havelling.	Some rutting in Pavement Rati					2011 PCI = 51	
2011 Payement	Remaining I		Brandley - F	iatique A	nalysis		2013 PCI = 44 ARFIELD	
Traffic Index	Tremaining L	IIIC Allalysis	F	T	F1	F F	F1	
	Plate Deflect	ion - 20 K Load			6 (56)	45-56 (56)	45-56 (56)	
		ing Life - Years	18		13	4	2	
Pavement Struc	cture Estimate	Year of Failure	2029	 	024	2015	2013	
Recommende	d Rehabilita	ation:				•		
(in 142) 333	Rehab.	J CZEYSVEE					STATE OF THE STATE	
Date	Code			Descri	ption			
2016	В	Rehabilitate - Reconstruct						
2031	F, H		Saw & S	Seal New	Joints, Fog	Seal	<u>.</u>	
Remarks:	Station has	ed on Sta Oloo	ated at Edge of	Rupway	11 at Tavi	way R proces	ading east	
iciial ks.			e for section - Se				zuing Bast.	
						e Tables 3-1		

Station: 4 Dimensions: 5 FAA Pavement Element Identification: 4 Existing Pavement Section: 4 A S	PFC PCC AC AB ASB Subgrade Sub-soil	Survey - orm 5335-1):	T2 Single (2011 250			k 6, 2011 013 Update Remarks			
Station: 4 Dimensions: 5 FAA Pavement Element Identification: Faction: Fact	Strength Stication (FC) PFC PCC AC AB ASB Subgrade Sub-soil	Survey - orm 5335-1): Thicknes 2011 3 8	Dual Gos - inches 2013	ear - 100 E 2011	kips ksi	Щ	Remarks			
Dimensions: 5 FAA Pavement Element Identification: 5 Existing Pavement Pave	Strength Sication (Formal Strength Stre	Survey - orm 5335-1): Thicknes 2011 3 8	Dual Gos - inches 2013	ear - 100 E 2011	kips ksi	μ	Remarks			
Existing Pavement Pavement Section:	PFC PCC AC AB ASB Subgrade Sub-soil	7 Thickness 2011	Dual Gos - inches 2013	ear - 100 E 2011	kips ksi	μ	Remarks			
Existing Pavement Pavement Section:	PFC PCC AC AB ASB Subgrade Sub-soil	7 Thickness 2011	Dual Gos - inches 2013	ear - 100 E 2011	kips ksi	μ	Remarks			
Existing Pavement Pav	PFC PCC AC AB ASB Subgrade Sub-soil	7 Thickness 2011	Dual Gos - inches 2013	ear - 100 E 2011	kips ksi	щ	Remarks			
Pavement P Section: A A S	PCC AC AB ASB Subgrade Sub-soil	3 8	2013 3	2011 250	ksi	μ	Remarks			
Pavement P Section: A A S	PCC AC AB ASB Subgrade Sub-soil	3 8	3	250	2013					
Pavement P Section: A A S	PCC AC AB ASB Subgrade Sub-soil	8								
Section: AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	AC AB ASB Subgrade Sub-soil	8								
A A S S	AB ASB Subgrade Sub-soil	8								
S S	ASB Subgrade Sub-soil		8	4.0		0.35				
S	Subgrade Sub-soil	40		40		0.35				
S	Sub-soil	40								
S	Sub-soil	48	48	9		0.35				
		S.I.	S.I.	25		0.35				
Date Collect uct	ed:	1963								
Rehabilitation F		Date			Туре					
		1986								
	ľ	2011, 2012	AC Patch Repa	airs						
Pavement Cond	dition:	No Joints, Slur	ry Sealed, AC P	atches.						
Cracks - Longitu										
		erate to Severe	e - 30' to 60' Spa	acing - 1"	' to 2" Sea	led				
Weathering - Mo										
No Shoving, or F				alligator	cracking.		2011 PCI = 51			
		Pavement Rati					2013 PCI = 38			
2011 Pavement R	Remaining L	ife Analysis	Brandley - F	_			ARFIELD			
Traffic Index	. 5 4		F		F1	F	F1			
FWD Center Pla Pavement Struct	ate Deflecti	on - 20 K Load		55-6	55 (65)	55-65 (65)	55-65 (65)			
Pavement Structu		-	9	_	6	0.5	0.2			
			2020] 2	017	2012	2011			
Recommended	Rehab.	ition:			MILITA S					
Data				Deceri						
Date 2016	Code B		Dah	Descri						
2031	F, H		· · · ·		Reconstruction Joints, Fog					
2031	1,11		Saw a s	bear New	Joints, Fog	Seal				
			<u></u>							
Remarks: S	Station base	ed on Sta. 0 loc	ated at Edge of	Runwav	11 at Tax	iway B procee	eding east.			
			e for section - Se	<u></u>		<u>·</u>	3			
	-	_	ndix D. For Reh				<u> </u>			

TABLE	NO. C14 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE			
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update			
Element:	Taxiway A									
Station:	50+00 to 72	2+00								
Dimensions:	50' x 2200'									
FAA Pavemen		Survey -	T2 Single	Gear - 60) kine					
Element Ident		•		ear - 100						
	No. No.		s - inches		ksi	μ	Remarks			
		2011	2013	2011	2013					
Existing	PFC						<u></u>			
Pavement	PCC									
Section:	AC	3	3	250		0.35				
	AB	8	8	40		0.35				
	ASB									
	Subgrade	48	48	9		0.35				
	Sub-soil	S.I.	S.I.	25		0.35				
Date Construc		1963, 1971	0.11.	20		0.00				
Rehabilitation		Date			Туре					
	1986									
	2011, 2012 AC Patch Repairs									
						· · · · · · · · · · · · · · · · · · ·				
Pavement Cor	ndition:	No Joints, Slur	ry Sealed, AC P	atches.						
Cracks - Longi	tudinal - Mod	derate to Severe	e (Paving Joints) 1" to 1.	5" with de	oressions - Se	ealed			
		lerate - 30' to 6	0' Spacing - 1" t	o 2" Seal	led					
Weathering - N										
No Shoving, or	Ravelling.		or cracking in w	heelpath	s.		2011 PCI = 51			
		Pavement Rati					2013 PCI = 35			
	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD			
Traffic Index			G		G1	G	G1			
		on - 20 K Load			0 (65)	45-80 (65)	45-80 (65)			
		ing Life - Years Year of Failure	10		7	0.6	0.3			
Recommende			2021	20	018	2012	2011			
necommende	Rehabilita	ation:								
Date	Code			Descri	ntion					
2016	В		Reh		Reconstruc					
2031	F, H				Joints, Fog					
	.,		24,7 44		,9					
		1 0: 5:								
Remarks:			ated at Edge of				eding east.			
			e for section - Se							
	FOR TRATTIC I	nuex see Appe	ndix D. For Ref	iadilitatio	n Code se	e radies 3-1	& 3-3.			

TABLE	IO. C15a - P	AVEMENT CO	NDITION SURV	EY AND	REHABII	LITATION SCI	HEDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		k 6, 2011 013 Update		
Element:	Taxiway C								
Station:	0+00 to 0+5	50							
Dimensions:	50' x 50'								
FAA Pavemen		Survey -	T3/T6 Single) kips				
Element Ident	ification (Fo			ear - 100	kips				
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	4	3	250		0.35			
	AB	8	8	40		0.35			
	ASB	48 48 10 0.35							
	Subgrade	0.35							
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:	1963							
Rehabilitation	Record:	Date			Type				
		1995, 2012 2012 Reconstruction with Runway 11-29							
					_				
Pavement Cor Weathering - L No Rutting, Sh	ight						2011 PCI = 60		
0011 D	Damainian I	Pavement Rati		A			2013 PCI = 95		
	Remaining L	lite Analysis	Brandley - F				ARFIELD		
Traffic Index	Plata Deflect	on - 20 K Load	H 50-52 (52)		H1 52 (52)	H 50-52 (52)	H1 50-52 (52)		
		ing Life - Years	45		37	13	7		
		Year of Failure	2056		048	2024	2018		
Recommende			2000		040	2024	2010		
	Rehab.	maio solta	U. Huy Task						
Date	Code			Descri	ption				
2026	F, H Saw & Seal New Joints, Fog Seal								
2031	G				I Cracks &				
									
Remarks:			ated at Edge of				٦.		
			ndix D. For Ref			<u> </u>	& 3_3		
	1 OI HAIIICI	index see Whhe	TUIN D. FUI NOI	iavilitätiö	iii Code Se	E Lanies 9-1	x 3°3.		

TABLE N	IO. C15b - F	AVEMENT CO	NDITION SURV	EY AND	REHABII	LITATION SC	HEDULE			
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update			
Element:	Taxiway C									
Station:	0+50 to 2+0	00								
Dimensions:	50' x 150'									
FAA Pavemen		Survey -	T3/T6 Single	3ear - 60) kins					
Element Ident	_	-		ear - 100						
		Thicknes	s - inches		ksi	μ	Remarks			
		2011	2013	2011	2013					
Existing	PFC									
Pavement	PCC									
Section:	AC	4	4	250		0.35				
	AB	8	8	40		0.35				
	ASB									
	Subgrade	48	48	10		0.35				
	Sub-soil	S.I.	S.I.	25		0.35				
Date Construc		1963		20		0.00				
Rehabilitation		Date	THE RESERVE		Туре					
1995										
		2011, 2012	AC Patch Repa	irs						
		2011, 2012	r a r atom mope							
Pavement Cor	ndition:	No Joints	<u></u>	·		· · ·				
Cracks - Block	- Moderate	- Sealed - 20' pa	attern.							
Patches - Few,										
Weathering - N			cking - Light 10	'x20'						
No Rutting, Sh							2011 PCI = 60			
		Pavement Rati				-	2013 PCI = 43			
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD			
Traffic Index			Н	I	- 11	Н	H1			
		on - 20 K Load	50-52 (52)	50-5	2 (52)	50-52 (52)	50-52 (52)			
		ing Life - Years	45	;	37	13	7			
		Year of Failure	2056	20	048	2024	2018			
Recommende		tion:								
	Rehab.			1,146,15						
Date	Code			Descri						
2019	G									
2024	В				Reconstruc					
2036	F, H		Saw & S	seal New	Joints, Fog	Seal				
Remarks:			ated at Edge of				h			
			for section - Se							
	For Traffic I	ndex see Apper	ndix D. For Ref	abilitatio	n Code se	e Tables 3-1	& 3-3. 			

TABLE I	NO. C16 - P.	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 2013 Update
Element:	Taxiway C	•					
Station:	2+00 to 3+5	50 T/W to H	angar H2				
Dimensions:	50' x 150'						- "
FAA Pavemen	t Strength	Survey -	T3/T6 Single	 Gear - 60) kips		
Element Ident	ification (Fo	orm 5335-1):		ear - 100	<u> </u>		
Carried and the		Thicknes	s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	4	3	350		0.35	
	AB	8	12	60		0.35	СТВ
	ASB		-				
	Subgrade 48 48 12 0.35						
_	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:	1963					
Rehabilitation Record: Date Type							
	1995						
		2012	Reconstruction				
D	1141	1.1.4. 051		1			
Pavement Coa	naition:	Joints - 25' sea	led, no band-ai	a			
Slurry Sealed							
Weathering - L	ight						
No Rutting, Sh		velling					2011 PCI = 55
		Pavement Rati	na = Excellent				2013 PCI = 90
2011 Pavement	Remaining L	ife Analysis		atique A	nalysis	FAA - FA	AARFIELD
Traffic Index			Н		H1	Н	H1
		on - 20 K Load	38-41 (41)	38-4	1 (41)	38-41 (41)	38-41 (41)
		ing Life - Years	65		53	65	41
		Year of Failure	2076	2	064	2076	2052
Recommende		ation:					
Data	Rehab.			Decer	ntion		
Date 2020	Code F		Saw 9 Say	Descri	ints - Supple	amonta!	
2026	G, H		Crack Repair,			•	
2031	G				l Cracks &		
			O'GOR I II		5.45110 4		
						·	
Remarks:			ated at Edge of		· · · · · · · · · · · · · · · · · · ·		h.
			e for section - S				
	For Traffic I	ndex see Appe	ndix D. For Rel	nabilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE I	NO. C17a - F	AVEMENT CO	NDITION SUR	/EY AND	REHABIL	ITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:	•	& 6, 2011 013 Update	
Element:	Taxiway D							
Station:	0+00 to 1+2	20						
Dimensions:	50' x 120'						<u></u>	
FAA Pavemer		Survev -	T3 Single	Gear - 60) kins		· · · · · · · · · · · · · · · · · · ·	
Element Iden	_	•		ear - 100				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	8	8	30		0.35		
	ASB							
ı	Subgrade	48	48	11		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru	cted:	1963						
Rehabilitation	n Record:	Date			Туре		W. Davids	
		1986, 2012	2012 Reconstr	uction wi	th Runway	11-29		
Pavement Co	naition:	No Grooves, jo	ints, or cracks.					
Weathering - L	iaht							
No Rutting, Sh		velling					2011 PCI = 45	
140 Hatting, Cr	ioving, or ma	Pavement Rati	ng = Excellent			· · · · · · · · · · · · · · · · · · ·	2013 PCI = 95	
2011 Pavement	Remaining I		Brandley - F	atique A	nalvsis		ARFIELD	
Traffic Index			Н		H1	Н	H1	
FWD Center I	Plate Deflect	ion - 20 K Load	42-64 (62)	42-6	64 (62)	42-64 (62)	42-64 (62)	
		ing Life - Years	30		25	4	2	
Pavement Stru	cture Estimate	Year of Failure	2041	2	036	2015	2013	
Recommende	d Rehabilita	ation:						
	Rehab.							
Date	Code			Descri	4			
2026	F, H	Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks & Joints						
2031	G		Crack R	epair, Sea	I Cracks &	Joints		
Remarks:	Station has	ed on Sta O loc	ated at Edge of	Runway	11-29 nro	ceeding Sout		
	J.C.C.O.I DUO		are Lago of					
	FWD used	was mean value	e for section - S	ee FWD	Graphs A	ppendix R		

TABLE N	IO. C17b - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	LITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Taxiway D							
Station:	1+20 to 3+5	50						
Dimensions:	50' x 230'		£.					
FAA Pavemen		Survey -	T3 Single	Gear - 60) kips			
Element ident	_	•		ear - 100				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	8	8	30		0.35		
	ASB		-					
	Subgrade	48	48	11		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	cted:	1963						
Rehabilitation	Record:	Date		Hilling	Туре			
	1986							
Pavement Co			ry Seal (ravelling	g).				
		30'x30' pattern	- Sealed					
Alligator Crack		80'x5'						
Weathering - N								
No Rutting, Sh	oving.	Day same ant Dati	D				2011 PCI = 45	
2011 Bayamant	Pomoining I	Pavement Rati		otious A	nelvoje		2013 PCI = 34	
Traffic Index	Remaining L	.iie Alialysis	Brandley - F H	ĭ	H1		ARFIELD H1	
	Plate Deflecti	on - 20 K Load			64 (62)	H 42-64 (62)	42-64 (62)	
		ing Life - Years	30	1	25	4	2	
		Year of Failure	2041		036	2015	2013	
Recommende	d Rehabilita	ition:			000	2010	2010	
	Rehab.							
Date	Code			Descri	iption			
2019	G		Crac		Seal Crack	s	***************************************	
2024	В				Reconstruc			
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal		
Remarks:			ated at Edge of e for section - Se				h.	
			ndix D. For Rel				& 3-3.	

Pavement PFC PCC	TABLE	NO. C18 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE			
Station:	Airport:		Truckee-Tah	oe Airport							
Dimensions: 50' x 300' FAA Pavement Strength Survey - T3 Single Gear - 60 kips Dual Gear - 100 kips Dual Gear - 100 kips Thickness - inches E ksi μ Remark 2011 2013 2011 2013 2011 2013 Existing PCC AC 3 3 350 0.35 AB 8 8 8 8 0 0.35 ASB Sub-soil S.I. S.I. 25 0.35 Date Constructed: Rehabilitation Record: Date Type 1986 2012 Mill and Fill Pavement Condition: No Joints or cracks. Weathering - Light No Rutting, Shoving, or Ravelling Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H H H H H FWD Center Plate Deflection - 20 K Load 35-39 (39) 35-39 (39) 35-39 (39) 35-39 (39) Recomment Structure Remaining Life - Years 66 54 92 59 Pavement Structure Estimate Year of Failure 2077 2065 2103 2070 Recommended Rehabilitation: Rehab Rehab Rehab Rehab Remarks Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.	Element:	Taxiway D									
Dimensions: 50' x 300' FAA Pavement Strength Survey - T3	Station:	1+50 to 4+5	50 T/W to A	pron A2							
Table Tab	Dimensions:	50' x 300'									
Dual Gear - 100 kips Remark		4	Survey -	T3 Single	 Gear - 60) kips					
PFC	Element ident	ification (Fo	orm 5335-1):			•					
PFC		BASELTA	Thicknes	s - inches	E	ksi	μ	Remarks			
Pavement Section: AC			2011	2013	2011	2013					
AC 3 3 350 0.35 AB 8 8 8 80 0.35 ASB -	_										
AB	Pavement	PCC									
ASB	Section:	AC	3	3	350		0.35				
Subgrade 48			8	8 8 80 0.35							
Sub-soil S.I. S.I. 25 0.35		ASB		-							
Date Constructed: Rehabilitation Record: Date 1986 2012 Mill and Fill		Subgrade	48	48	15		0.35				
Date		Sub-soil	S.I.	S.I.	25		0.35				
1986											
Mill and Fill	Rehabilitation	Record:	Date			Туре					
Pavement Condition: No Joints or cracks. Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent 2011 PCI = Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years 66 54 92 59 Pavement Structure Estimate Year of Failure 2077 2065 2103 2070 Recommended Rehabilitation: Rehab. Date Code Description 2025 A Remove and Reconstruct 2038 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.			1986								
Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 H H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure Pavement Struct			2012	Mill and Fill							
Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 H1 H H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Favement Structure Estimate Year of Failure Pavement Str	D	1141	NI- Internation	1							
No Rutting, Shoving, or Ravelling	Pavement Col	naition:	NO JOINTS OF CR	acks.							
No Rutting, Shoving, or Ravelling											
No Rutting, Shoving, or Ravelling	Weathering - I	ight									
Pavement Rating = Excellent 2013 PCI = 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H H1 FWD Center Plate Deflection - 20 K Load 35-39 (39)			vellina					2011 PCI = 45			
Traffic Index				na = Excellent				2013 PCI = 93			
Traffic Index H H1 H H1 FWD Center Plate Deflection - 20 K Load 35-39 (39)	2011 Pavement	Remaining L			atigue A	nalysis					
Pavement Structure Remaining Life - Years 66 54 92 59 Pavement Structure Estimate Year of Failure 2077 2065 2103 2070 Recommended Rehabilitation: Rehab. Code Description	Traffic Index						Н	H1			
Pavement Structure Estimate Year of Failure 2077 2065 2103 2070 Recommended Rehabilitation: Rehab. Code Description				35-39 (39)	35-3	39 (39)	35-39 (39)	35-39 (39)			
Recommended Rehabilitation: Rehab. Description				66		54	92	59			
Date Code Description 2025 A Remove and Reconstruct 2038 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.	Pavement Strue	cture Estimate	Year of Failure	2077	2	065	2103	2070			
Date Code Description 2025 A Remove and Reconstruct 2038 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.	Recommende	d Rehabilita	ition:								
2025 A Remove and Reconstruct 2038 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.		Rehab.									
2038 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.		Code									
Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South.											
	2038	F, H		Saw & S	Seal New	Joints, Fog	Seal				
<u> </u>					<u> </u>						
<u> </u>											
<u> </u>	Remarke:	Station has	ed on Sta O loc	ated at Edge of	Rupway	11-29 pro	reeding South	<u> </u>			
1 44 D used was mean value for section - See I 44 D Graphs, Appendix 5	isiidiks.							1.			
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								શ્ર ૩- ૩			

TABLE N	NO. C19a - F	AVEMENT CO	NDITION SURV	EY AND	REHABIL	LITATION SCI	HEDULE		
Airport:		Truckee-Tah	noe Airport		Date of Survey:		k 6, 2011 013 Update		
Element:	Taxiway E								
Station:	0+00 to 0+8	30							
Dimensions:	50' x 80'								
FAA Pavemer		Survey -	T1 Single	Gear - 60) kips				
Element Ident	tification (Fo	orm 5335-1):		ear - 100					
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013	الكالجال أنفعونا			
Existing	PFC								
Pavement	PCC	1							
Section:	AC	3 3 350 0.35							
	AB	8	8	80		0.35			
	ASB		-						
	Subgrade	48	48	15		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Constru	cted:	1963							
Rehabilitation Record: Date Type									
		1986, 2012 2012 Reconstruction with Runway 11-29							
Pavement Co	ight		ints, or cracks.						
No Rutting, Sh	oving, or Ra						2011 PCI = 46		
2011 Pavement	Demoining	Pavement Rati		- Al A	na lunia		2013 PCI = 95		
Traffic Index	nemaining i	.iie Analysis	Brandley - F				ARFIELD		
	Plate Deflect	on - 20 K Load	H 31-39 (39)		H1 39 (39)	H 31-39 (39)	H1 31-39 (39)		
Pavement Stru	cture Remain	ing Life - Years	66		54	92	59		
		Year of Failure	2077		065	2103	2070		
Recommende	d Rehabilita	ition:	2011		000	2100	2010		
	Rehab.		perates N.						
Date	Code			Descri	ption				
	To be removed, per Master Plan.								
							-		
Remarks:			ated at Edge of				١.		
			e for section - Se						
	For Traffic !	ndex see Appe	ndix D. For Reh	nabilitatio	n Code se	e Tables 3-1	& 3-3.		

TABLE N	IO. C19b - F	AVEMENT CO	NDITION SUR	VEY AND	REHABI	LITATION SC	HEDULE			
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update			
Element:	Taxiway E									
Station:	0+80 to 2+8	30								
Dimensions:	50' x 200'									
FAA Pavemen	t Strength S	Survey -	T1 Single	Gear - 60) kips					
Element Ident	ification (Fo			ear - 100	kips					
		Thicknes	s - inches	E	ksi	μ	Remarks			
		2011	2013	2011	2013					
Existing	PFC									
Pavement	PCC									
Section:	AC	3	3	350		0.35				
	AB	8	8 80 0.35							
	ASB		-							
	Subgrade	48	48	15	·	0.35				
	Sub-soil	S.I.	S.I.	25		0.35				
Date Construc	For Forest and State Sta	1963				0.00				
Rehabilitation Record: Date Type										
	1986									
		2011, 2012	AC Patch Repa	airs						
					<u> </u>	 -				
Pavement Coi	ndition:	Joints - 50' Nor	th of Apron - Se	ealed. Slu	ırrv Seale	d - Ravelling				
Cracks - Block	- Light to Mo	oderate, 1" to 2'		•						
AC Patches		····								
Weathering - N	Moderate					···				
No Rutting, Sh							2011 PCI = 46			
		Pavement Rati	ng = Good				2013 PCI = 57			
2011 Pavement	Remaining L		Brandley - F	atigue A	nalysis		ARFIELD			
Traffic Index			Н		H1	Н	H1			
		on - 20 K Load	31-39 (39)	31-3	9 (39)	31-39 (39)	31-39 (39)			
		ing Life - Years	66		54	92	59			
		Year of Failure	2077	2	065	2103	2070			
Recommende	d Rehabilita	ition:								
	Rehab.			THE		S ISSUE TO VE	THE REPORT OF			
Date	Code			Descri	ption					
	To be removed, per Master Plan.									
				<u>.</u>						
Remarks:			ated at Edge of				١.			
			e for section - S							
	For Traffic I	ndex see Appei	ndix D. For Rel	nabilitatio	n Code se	e Tables 3-1	<u>& 3-3.</u>			

Survey: October 2013 Update	TABLE N	NO. C20a - F	AVEMENT CO	NDITION SURV	/EY AND	REHABI	LITATION SC	HEDULE			
Station: 0+00 to 0+30	Airport:		Truckee-Tah	noe Airport				•			
Dimensions 50' x 30' T2 Single Gear - 60 kips Dual Gear - 100 kips Dual Gear -	Element:	Taxiway F	axiway F								
T2	Station:	0+00 to 0+3	+00 to 0+30								
T2	Dimensions:	50' x 30'	i	-		·		-			
Dual Gear - 100 kips Dual Gear - 100 kips			Survev -	T2 Single	Gear - 60) kins					
Thickness - inches		_	•								
PFC			Thicknes								
Pavement Section: PCC			2011	2013	2011	2013					
AC 3 3 250 0.35 AB 8 8 8 30 0.35 Aug 8 48 11 0.35 Subgrade 48 48 11 0.35 Sub-soil S.I. S.I. 25 0.35 Date Constructed: 1963 Rehabilitation Record: Date Type 1986, 2012 2012 Reconstruction with Runway 11-29 Pavement Condition: No Grooves, joints, or cracks.	Existing	PFC									
AB	Pavement	PCC									
ASB	Section:	AC	3	3	250	-	0.35				
Subgrade		AB	8	8	30		0.35				
Sub-soil S.I. S.I. 25 0.35		ASB		-							
Date Constructed: 1963		Subgrade	48	48	1 11		0.35				
Pavement Condition: No Grooves, joints, or cracks.		Sub-soil	S.I.	S.I.	25		0.35				
Pavement Condition: No Grooves, joints, or cracks. Weathering - Light No Rutting, Shoving, or Ravelling Pavement Remaining Life Analysis Traffic Index H H H H H H H H H H H H H H H H H H	Date Construc	cted:	1963								
Pavement Condition: No Grooves, joints, or cracks. Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure Pavement Structure Estimate Year of Failure Date Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Rehabilitation	Record:	Date			Туре					
Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent 2013 PCI = 95 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 H H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years 30 25 4 2 Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Date Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			1986, 2012	2012 Reconstru	uction wit	h Runway	11-29				
Weathering - Light No Rutting, Shoving, or Ravelling Pavement Rating = Excellent 2013 PCI = 95 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index H H1 H1 H H1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years 30 25 4 2 Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Date Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B											
Traffic Index	Weathering - L	ight	velling					2011 PCI = 49			
Traffic Index FWD Center Plate Deflection - 20 K Load 51-63 (62) 51-63 (62) 51-63 (62) 51-63 (62) Pavement Structure Remaining Life - Years 30 25 4 2 Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B								2013 PCI = 95			
FWD Center Plate Deflection - 20 K Load 51-63 (62) 51-63 (62) 51-63 (62) 51-63 (62) Pavement Structure Remaining Life - Years 30 25 4 2 Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Date Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B		Remaining L	ife Analysis								
Pavement Structure Remaining Life - Years 30 25 4 2 Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Description	****	Note Deflect	00 16 11								
Pavement Structure Estimate Year of Failure 2041 2036 2015 2013 Recommended Rehabilitation: Rehab. Code Description 2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B					·						
Recommended Rehabilitation: Rehab. Date Code Description											
Rehab. Code Description 2026 F, H Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks & Joints Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B				2041		730	2015	2013			
Date Code Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks & Joints Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B							STORY TO SERVICE				
2026 F, H Saw & Seal New Joints, Fog Seal 2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Date				Descri	ption					
2031 G Crack Repair, Seal Cracks & Joints Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B	2031										
FWD used was mean value for section - See FWD Graphs, Appendix B											
	Remarks:							h.			
								8.2.2			

TABLE I	NO. C20b - F	PAVEMENT CO	NDITION SUR	EY AND	REHABII	LITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Taxiway F							
Station:	0+30 to 3+5	50						
Dimensions:	50' x 320'				•			
FAA Pavemer		Survey -	T2 Single	Gear - 60) kips			
Element Iden	-	•		ear - 100		·		
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013		Market Ball	
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	8	8	30		0.35		
	ASB		-					
	Subgrade	48	48	11		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru	cted:	1963						
Rehabilitation	Record:	Date			Туре			
		1986						
		2011, 2012	AC Patch Repa	ir				
			<u> </u>					
Pavement Co		No Joints, Slur	ry Sealed					
		derate - Sealed	4 4 0 0 - 1 -	1				
			1" to 2" - Sealed		. Mada	00l00l		
اعادات- Weathering - N			Sealed, Alligating, Shoving, or			ate 20 x30	2011 PCI = 49	
vveatriering - i	viouerate	Pavement Rati		naveiiii	y		2011 PCI = 49 2013 PCI = 40	
2011 Pavement	Remaining L		Brandley - F	atique A	nalveis		ARFIELD	
Traffic Index	3		H		H1	Н	H1	
FWD Center I	Plate Deflecti	on - 20 K Load	51-63 (62)		3 (62)	51-63 (62)	51-63 (62)	
Pavement Stru	ıcture Remain	ing Life - Years	30	2	25	4	2	
		Year of Failure	2041	20	036	2015	2013	
Recommende	d Rehabilita	ition:						
	Rehab.							
Date	Code	Description						
2016	В				Reconstruc			
2031	F, H	Saw & Seal New Joints, Fog Seal						
							<u> </u>	
	-							
Remarks:	Station has	ed on Sta O loc	ated at Edge of	Runway	11-29 pro	ceeding Sout	<u> </u>	
			e for section - Se					
			ndix D. For Reh				& 3 ₋ 3	

Airport:		Truckee-Tah	Date of	May 5 & 6, 2011					
Airport.	Survey: October 2013 Upda						013 Update		
Element:	Taxiway F								
Station:	3+50 to 4+50 T/W to Apron A2								
Dimensions:	50' x 100'								
FAA Pavemen	_	•	None		-				
Element Identi	ification (Fo								
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013		OF STARS		
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	350		0.35			
	AB	8	8	60		0.35			
	ASB		-						
	Subgrade	48	48	15		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc									
Rehabilitation	Record:	Date			Туре		Marie Control		
		1986							
		2012	Mill and Fill						
Pavement Con	alitia a.	No Joints or cr							
Pavement Con	idition:	INO JOINES OF CIT	acks.				-		
Weathering - Li	iaht	-							
No Rutting, Sho		vellina					2011 PCI = 49		
	<u>J</u> ,	Pavement Rati	ng = Excellent			7.0	2013 PCI = 95		
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD		
Traffic Index			Н		H1	Н	H1		
FWD Center P			40-42 (42)	40-4	2 (42)	40-42 (42)	40-42 (42)		
Pavement Struc			59		49	57	36		
Pavement Struc			2070	2	060	2068	2047		
Recommended		ition:							
	Rehab.			With His					
Date	Code	Description							
2025	A	Remove and Reconstruct Saw & Seal New Joints, Fog Seal							
2038	F, H		Saw & S	Seal New	Joints, Fog	Seal			
1	1								
Remarks:	Station base	ed on Sta. 0 loo	ated at Edge of	Runwav	11-29 prod	ceeding Sout	h.		
			ated at Edge of e for section - S				h.		

TABLE	NO. C22 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:	1 .	k 6, 2011 013 Update		
Element:	Taxiway H	axiway H							
Station:	0+00 to 2+5	50					-		
Dimensions:	50' x 250'								
FAA Pavemen	1	Survev -	T2 Single	Gear - 60) kips				
Element ident				ear - 100					
		Thicknes	s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	250		0.35			
	AB	8	8	30		0.35			
ı	ASB		-						
ı	Subgrade	48	48	9		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:	1963			P. B. W.				
Rehabilitation	Record:	Date			Туре				
1986									
		2011, 2012	AC Patch Repa	irs					
Pavement Co	ndition:	No lointe Slur	<u> </u> ry Sealed - Rav	alling					
Cracks - Longi			ry Sealed - Havi	eming					
			2" to 3" - Seale	d					
			0' Triangular Se						
Weathering - N			No Rutting, Sho		Ravelling		2011 PCI = 53		
		Pavement Rati		3,	<u></u>		2013 PCI = 49		
2011 Pavement	Remaining L	ife Analysis		atigue A	nalysis	FAA - FA	ARFIELD		
Traffic Index					l1	1	l1		
		on - 20 K Load	65-72 (71)	65-7	72 (71)	65-72 (71)	65-72 (71)		
		ing Life - Years	32		24	1.4	0.7		
		Year of Failure	2043	2	035	2012	2012		
Recommende		tion:							
	Rehab.	447334400							
Date	Code	Description							
2016 2031	В	Rehabilitate - Reconstruct							
2031	F, H Saw & Seal New Joints, Fog Seal								
							-		
		· · · · · · · · · · · · · · · · · · ·							
Remarks:	Station base	ed on Sta. 0 loc	ated at Edge of	Runway	11-29 pro	ceeding Soutl	٦.		
	FWD used	was mean value	e for section - Se	ee FWD	Graphs, A	ppendix B			
			ndix D. For Rel				& 3-3.		

TABLE	NO. C23 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	LITATION SCI	HEDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:	1 "	& 6, 2011 013 Update		
Element:	Taxiway H								
Station:	Holding Ap	ron	-						
Dimensions:	220' x 330'								
FAA Pavemen	_		A2 Single	Gear - 55	s kips		····		
Element Ident	ification (Fo			ear - 95 I					
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	150		0.35			
	AB	8	8	20		0.35			
	ASB		-						
	Subgrade	48	48	6		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc		1963							
Rehabilitation	Record:	Date	Туре						
					· · · · · · · · · · · · · · · · · · ·				
<u> </u>	10.0	.							
Pavement Co			Slurry Sealed - S			elamination	<u> </u>		
Cracks - Block			Grass grov	ving in cr	acks.				
Weathering - N		30%-40% of ap	oron)		·				
No Rutting, Sh		<u>severe</u>					2011 PCI = 53		
ivo riuting, on	Oving	Pavement Rati	ng = Very Poor				2011 PCI = 53 2013 PCI = 18		
2011 Pavement	Remaining L		Brandley - F	atique A	nalveis	FAA F	ARFIELD		
Traffic Index		ino Analysis	P		P1	P	P1		
·	Plate Deflecti	on - 20 K Load			5 (111)	91-115 (111)	91-115 (111)		
		ing Life - Years	21	\vdash	21	0.6	0.6		
Pavement Struc	cture Estimate	Year of Failure	2032	2	032	2012	2012		
Recommende	d Rehabilita	ition:							
	Rehab.				71.1921.44	All was a little of the			
Date	Code			Descri	ption				
2016	В	Rehabilitate - Reconstruct							
2031	F, H	Saw & Seal New Joints, Fog Seal							
						·			
			····	_					
Remarks:			ated at Edge of		· · · · · · · · · · · · · · · · · · ·		h		
			for section - Se						
	⊢or I raffic I	ndex see Appei	ndix D. For Reh	nabilitatio	n Code se	ee Tables 3-1	& 3-3. 		

Airport: Truckee-Tahoe Airport	TABLE	NO. C24 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE			
Station: Holding Apron	Airport:		Truckee-Tah	oe Airport							
Dimensions: 220' x 330' FAA Pavement Strength Survey - Element Identification (Form 5335-1): Dual Gear - 95 kips Dual Gear - 95 kips Eksi μ Remarks Eksiting PFC	Element:	Taxiway H	axiway H								
A2	Station:	Holding Apı	ron				<u>-</u>				
A2	Dimensions:	220' x 330'									
Parametrication (Form 5335-1): Dual Gear - 95 kips			Survey -	A2 Single	Gear - 55	kips					
Process	Element Ident	ification (Fo	orm 5335-1):								
PFC			Thicknes	s - inches	E	ksi	μ	Remarks			
Pavement Section: AC			2011	2013	2011	2013					
AC 3 3 250 0.35 AB 8 8 8 35 0.35 Subgrade 48 48 6 0.35 Sub-soil S.I. S.I. 25 0.35 Date Constructed: 1963 Rehabilitation Record: Date Type	Existing										
AB	Pavement	PCC									
ASB	Section:	AC	3	3	250		0.35				
Subgrade 48		AB	8	8	35		0.35	- <u> </u>			
Sub-soil S.I. S.I. 25 0.35	7	ASB		-							
Sub-soil S.I. S.I. 25 0.35		Subgrade	48	48	6		0.35				
Date			S.I.	S.I.	25		0.35				
Pavement Condition: No Joints. Slurry Sealed - Severe Ravelling/Delamination Cracks - Block - Severe, 1" to 3" - Sealed Grass growing in cracks. - Alligator - Severe (30%-40% of apron) Weathering - Moderate to Severe No Rutting, Shoving Pavement Rating = Very Poor 2013 PCI = 51 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) 62-81 (81) 62-81 (81) 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab. Code Description Rehab. Code Pakehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Date Construc	cted:	1963	WANTED HIS TOP	/ P 1 T 24						
Pavement Condition: No Joints. Slurry Sealed - Severe Ravelling/Delamination Cracks - Block - Severe, 1" to 3" - Sealed Grass growing in cracks. - Alligator - Severe (30%-40% of apron) Weathering - Moderate to Severe No Rutting, Shoving 2011 PCI = 51 Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) 62	Rehabilitation	Record:	Date		HI LINE	Type					
Cracks - Block - Severe, 1" to 3" - Sealed Grass growing in cracks. - Alligator - Severe (30%-40% of apron) Weathering - Moderate to Severe No Rutting, Shoving 2011 PCI = 51 Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) 62-81 (81) 62-81 (81) 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab. Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Pavement Cor	ndition:	No Joints.	Slurry Sealed - S	Severe P	lavelling/D	elamination				
- Alligator - Severe (30%-40% of apron) Weathering - Moderate to Severe No Rutting, Shoving Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) 62-81 (81) 62-81 (81) 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Cracks - Block	- Severe, 1"									
Weathering - Moderate to Severe No Rutting, Shoving Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			 .								
Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81)											
Pavement Rating = Very Poor 2013 PCI = 18 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81)							·	2011 PCI = 51			
Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 62-81 (81) 62-81 (81) 62-81 (81) 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab. Code Description			Pavement Rati	ng = Very Poor				2013 PCI = 18			
PWD Center Plate Deflection - 20 K Load 62-81 (81) 62-81 (81) 62-81 (81) 62-81 (81) Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab.	2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD			
Pavement Structure Remaining Life - Years 31 31 4 4 Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab. Code Description				·		P1	Р	P1			
Pavement Structure Estimate Year of Failure 2042 2042 2015 2015 Recommended Rehabilitation: Rehab.				62-81 (81)	62-8	1 (81)	62-81 (81)	62-81 (81)			
Rehab. Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			-	31	,	31	4	4			
Rehab. Code Description 2016 B Rehabilitate - Reconstruct Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B				2042	2	042	2015	2015			
Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Recommende		ition:								
2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Date				Descri	ption					
Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	2016	В									
FWD used was mean value for section - See FWD Graphs, Appendix B	2031	F, H									
FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B	Remarks:	Station base	ed on Sta. 0 loc	ated at Edge of	Runwav	11-29 pro	ceedina Soutl				
								& 3-3.			

Existing PFC PCC	TABLE	NO. C25 - P.	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE			
Station:	Airport:		Truckee-Tah	oe Airport			1 -				
Dimensions S0' x 175' FAA Pavement Strength Survey - Element Identification (Form 5335-1):	Element:	Taxiway U	axiway U								
T2	Station:	0+00 to 1+7	+00 to 1+75								
T2	Dimensions:	50' x 175'									
Dual Gear - 100 kips Remarks Thickness - inches E ksi μ Remarks		1	Survey -	T2 Single	Gear - 60) kips					
Thickness - inches		_	•								
PFC			Thicknes				μ	Remarks			
Pavement Section: AC			2011	2013	2011	2013					
AC 3 3 250 0.35 AB 8 8 8 30 0.35 Subgrade 48 48 9 0.35 Sub-soil S.I. S.I. 25 0.35 Date Constructed:	Existing	PFC									
AB	Pavement	PCC									
ASB	Section:	AC	3	3	250		0.35				
Subgrade		AB	8	8	30		0.35				
Sub-soil S.I. S.I. 25 0.35		ASB	•	*							
Date		Subgrade	48	48	9		0.35				
Date		Sub-soil	S.I.	S.I.	25		0.35				
1986 2011, 2012 AC Patch Repairs Pavement Condition: No Joints, Slurry Sealed Cracks - Block - Moderate to Severe - Sealed Weathering - Moderate No Rutting, Shoving, or Ravelling Pavement Rating = Fair 2013 PCI = 5 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index I II II I II FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Date Construc	cted:	1971								
Pavement Condition:	Rehabilitation	Record:	Date			Туре					
Pavement Condition: No Joints, Slurry Sealed Weathering - Moderate No Rutting, Shoving, or Ravelling Pavement Rating = Fair Pavement Remaining Life Analysis Traffic Index I II I I II FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitation: Rehab. Code Description 2016 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			1986								
Weathering - Moderate No Rutting, Shoving, or Ravelling Pavement Rating = Fair 2013 PCI = 5 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index I II II I II FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			2011, 2012	AC Patch Repa	irs						
Weathering - Moderate No Rutting, Shoving, or Ravelling Pavement Rating = Fair 2013 PCI = 5 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index I II II I II FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B		44.4									
Weathering - Moderate No Rutting, Shoving, or Ravelling Pavement Rating = Fair 2013 PCI = 5 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index I II I I I FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B			· · · · · · · · · · · · · · · · · · ·	*							
No Rutting, Shoving, or Ravelling	Cracks - Block	- Moderate	to Severe - Sea	lea							
No Rutting, Shoving, or Ravelling	Weathering - N	Moderate									
Pavement Rating = Fair 2013 PCI = 5 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD			velling					2011 PCI - 54			
2011 Pavement Remaining Life Analysis FAA - FAARFIELD Traffic Index I II II I II FWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	140 Hatting, On	oving, or ria		ng = Fair							
I	2011 Pavement	Remaining L			atique A	nalvsis					
PWD Center Plate Deflection - 20 K Load 60-71 (72) 60-71 (72) 60-71 (72) 60-71 (72) Pavement Structure Remaining Life - Years 32 24 1.4 0.7 Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab.							i i				
Pavement Structure Estimate Year of Failure 2043 2035 2012 2012 Recommended Rehabilitation: Rehab. Date Code Description	FWD Center F	Plate Deflecti	on - 20 K Load	60-71 (72)	60-7	1 (72)	60-71 (72)	60-71 (72)			
Recommended Rehabilitation: Date				32		24	1.4	0.7			
Rehab. Code Description 2016 B Rehabilitate - Reconstruct Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Pavement Struc	ture Estimate	Year of Failure	2043	2	035	2012	2012			
Date Code Description 2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	Recommende	d Rehabilita	tion:				_				
2016 B Rehabilitate - Reconstruct 2031 F, H Saw & Seal New Joints, Fog Seal Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B				1015/1907/15							
Pemarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B	·										
Remarks: Station based on Sta. 0 located at Edge of Runway 11-29 proceeding South. FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B	2031	Saw & Seal New Joints, Fog Seal									
FWD used was mean value for section - See FWD Graphs, Appendix B				.				····			
FWD used was mean value for section - See FWD Graphs, Appendix B											
FWD used was mean value for section - See FWD Graphs, Appendix B	_										
FWD used was mean value for section - See FWD Graphs, Appendix B	Remarks:	Station has	ed on Sta O loc	ated at Edge of	Runway	11-29 pro	ceeding South				
						<u>.</u>					
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								& 3-3.			

TABLE	NO. C26 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Taxiway J	axiway J						
Station:	0+00 to 1+7	75						
Dimensions:	50' x 175'							
FAA Pavemen		Survey -	T6 Single	Gear - 75	kine		<u></u>	
Element Ident	_	•		ear - 120				
(Calipaxa)			s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013		Homano	
Existing	PFC				2010			
Pavement	PCC							
Section:	AC	3	3	250		0.35		
oconon.	AB	8	8	40		0.35		
	ASB	0		40		0.33	,	
	Subgrade	48	48	10		0.05		
	Sub-soil	48 S.I.	S.I.	12 25		0.35		
Date Construc		1971	5.1.	25		0.35		
Rehabilitation		Date			Trene		7. 11	
Renabilitation	necora:		Туре					
		1986	AC Datab Dana	ina	<u>.</u>	- W		
		2011, 2012	AC Patch Repa	urs				
Pavement Coi	ndition:	No Joints						
Cracks - Block	- Light to Mo	oderate - Seale	d				. <u>.</u>	
Patches - Few	(old and dep	ressed at edge	es of patch)					
Weathering - N					1			
No Rutting, Sh	oving, or Ra	velling	¥	_			2011 PCI = 51	
		Pavement Rati					2013 PCI = 50	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD	
Traffic Index			G		G1	G	G1	
		on - 20 K Load			8 (58)	49-58 (58)	49-58 (58)	
		ng Life - Years	16		12	2.2	1.1	
		Year of Failure	2027	20	023	2013	2012	
Recommende		tion:						
	Rehab.							
Date	Code	Description						
2016	В	Rehabilitate - Reconstruct						
2031	F, H Saw & Seal New Joints, Fog Seal							
			·					
						·		
Remarks:	Station has	nd on Sta Alles	atod at Edga of	Dunwar	11 20 5	acadina Caut	<u> </u>	
nemarks.			ated at Edge of				1.	
	For Troffic !	was mean value	e for section - Se	e rwD	orapns, A	ppenaix B	0 0 0	
	TOT HAIRCE	ildex see Appel	ndix D. For Reh	iaviiilali0	n Code se	e rabies 3-1	α J-J.	

TABLE N	IO. C27 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Runway 2-2	20						
Station:	South Blast Pad							
Dimensions:	75' x 200'							
FAA Pavement		Survey -	None	· · · · · ·				
Element Identi	_	-						
		Thicknes	s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC	No Data						
Section:	AC		0					
	AB		0					
	ASB		0					
	Subgrade		0					
	Sub-soil		0					
Date Construc	ted:	The Publisher of						
Rehabilitation	Record:	Date		TOUR DESIGNATION	Type		VIII OF V	
		2011	AC Patch Repa	ir				
	^	2013	Updated to Zeb		d Marking	s		
Pavement Con			5' - Secondary (Cracks ar	nd Spalling			
Cracks - Block	- Light, Corr	ner Cracks						
AC Patches - S		acks at edges						
Weathering - M								
No Rutting, Sho	oving, or Ra						2011 PCI = 42	
		Pavement Rati					2013 PCI = 40	
2011 Pavement	Remaining L	ife Analysis	Brandley - F				AARFIELD	
Traffic Index			Maintenan				e Equipment	
		on - 20 K Load ing Life - Years	45-70 ()	45-	70 ()	45-70 ()	45-70 ()	
Pavement Struc								
Recommended								
necommence (Rehab.	audii.						
Date	Code			Descri	ntion			
2018	D	Description Parraya AC and Reconstruct						
2022	С	Remove AC and Reconstruct Add Rock, Pulverize, Recompact + 3" AC with Runway Project						
2036	F, H	Saw & Seal New Joints, Fog Seal						
	7,7,7,							
			· · · · · · · · · · · · · · · ·					
Remarks:	Station base	ed on Sta. 0 loc	ated at Runway	02 thres	hold and p	roceeding No	orth.	
			e for section - S					
			ndix D. For Rel				& 3-3.	

TABLE	NO. C28 - P	AVEMENT CO	NDITION SURV	FY AND	RFHARII	ITATION SC	HEDIII E		
		AVEIDENT OO	ADMINISTRAÇÃO	- AND					
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 2013 Update		
Element:	Runway 2-2	20				<u> </u>			
Station:	0+00 to 10-	0+00 to 10+00							
Dimensions:						_			
FAA Pavemen		•	R2A Single	Gear - 30) kips				
Element Ident	ification (Fo					1			
			s - inches		ksi	μ	Remarks		
Falls	IDEO	2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC			055					
Section:	AC	6	6	250		0.35			
	AB	6	6	40		0.35			
	ASB		~						
	Subgrade	48	48	12		0.35			
	Sub-soil	S.I.	S.I.	25		0.35	<u> </u>		
Date Construc		1973		Le Kill					
Rehabilitation	Record:	Date			Туре				
	1994 3" AC Hot In Place Recycle								
		2011	Reclamite						
		2013	Seal Joints, No						
Pavement Cor			25' - 1/2" to 1.5"			of Runway 1	1.5" wide)		
Cracks - Corne			Depressions						
- Long	itudinal (25'	each) - Several	(8 on west 1/3,	28 on ce	nter 1/3, 1	1 on east 1/3) - Sealed		
			light, 50% mod						
Weathering - N	loderate-Se		Rutting, Shoving	g. Minor	Ravelling		2011 PCI = 75		
0011 Davismont	Daniel III	Pavement Rati					2013 PCI = 65		
2011 Pavement	Remaining L	ite Analysis	Brandley - F			FAA - FA	ARFIELD		
Traffic Index	Note Deflect	ion - 20 K Load	05 45 (44)		[1]	05 45 (44)	11		
		ing Life - Years			5 (41)	25-45 (41)	25-45 (41)		
		Year of Failure	145	-	14	58 2069	36		
Recommende			2156		125	2009	2047		
	Rehab.								
Date	Code			Deecri	ntion				
2015	F, H	Description Saw & Seal New Joints - Supplemental, Reclamite							
2022	C	Add Rock, Pulverize, Recompact + 3" AC							
2036	F, H Saw & Seal New Joints, Fog Seal								
Remarks:	Station has	ed on Sta 10 loc	ated at Runway	02 three	hold and r	roceeding No	orth		
			e for section - Se				<u> </u>		
			ndix D. For Reh				& 3 _3		
			D. 1 OI 1101	Somulatio	0000 30	0 1 ubios 0*1	u 0 0,		

TABLE	NO. C29 - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Runway 2-2	20						
Station:	10+00 to 1	7+00	"					
Dimensions:	75' x 700'							
FAA Pavemer	•	•	R2 Single	Gear - 60) kips			
Element Ident	tification (F							
			s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	6	6	250		0.35		
	AB	6	6	25		0.35		
	ASB		-					
	Subgrade	48	48	8		0.35		
	Sub-soil	S.I.	S.I.	25		0.35	***	
Date Constru	cted:	1965						
Rehabilitation	itation Record: Date Type							
	1994, 2008 3" AC Hot In Place Recycle, '08 Reconstruct with R/W 11-2							
	2011 Reclamite							
		2013	Seal Joints, No	n-Precisi	on Markin	g		
Pavement Co	ndition:	Jointed - 25' x	25' - 1/4" to 1/2"	- Sealed	ł			
No Cracking.					·			
Weathering - L	ight N		ving, or Ravellin				2011 PCI = 75	
		Pavement Rati	ng = Very Good				2013 PCI = 75	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD	
Traffic Index			l .		11	1	11	
FWD Center F	<u>Plate Deflecti</u>	on - 20 K Load	40-60 (55)		0 (55)	40-60 (55)	40-60 (55)	
		ing Life - Years	87		38	8	5	
		Year of Failure	2098	20	079	2019	2016	
Recommende		ition:						
	Rehab.							
Date	Code Description							
2015	F, H		Saw & Seal New					
2022	C	Add Rock, Pulverize, Recompact + 3" AC Saw & Seal New Joints, Fog Seal						
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal		
								
Domester:	Otatian I	ad an Otic Ot	-1-1-15	00 ::	1 11 1			
Remarks:			ated at Runway				orth.	
			for section - Se					
	For Traffic I	naex see Appei	ndix D. For Reh	abilitatio	n Code se	e Lables 3-1	<u>& 3-3.</u>	

TABLE	NO. C30 - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE
Airport:		Truckee-Tah	noe Airport		Date of Survey:	1	& 6, 2011 2013 Update
Element:	Runway 2-2	20					
Station:	17+00 to 46	6+00					
Dimensions:	75' x 2900'					-	
FAA Pavemen	t Strength \$	Survey -	R2 Single	Gear - 60) kips		
Element Ident							
		Thicknes	s - inches	Е	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	5	5	350		0.35	
	AB	5	5	70		0.35	
	ASB		-				
	Subgrade	48	48	11		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc		1965					
Rehabilitation	Record:	Date Type					
		1994 3" AC Hot In Place Recycle					
2011 Reclamite 2013 Seal Joints, Non-Precision Marking							
Pavement Cor	adition	2013					I = ; - - \
Cracks - Corne			25' - 1/2" to 1.5" Depressions			oi Runway	i.5 wide)
			35 on west 1/3,			26 on east 1/3	N - Spaled
			ight, 50% mode		11101 170, 2	O OH Cast 1/C	n) - Gealed
			Rutting, Shoving		Ravelling		2011 PCI = 75
		Pavement Rati		,			2013 PCI = 53
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	AARFIELD
Traffic Index			1		l1	l l	11
		on - 20 K Load			4 (41)	30-44 (41)	30-44 (41)
		ing Life - Years Year of Failure	93		73	34	20
			2104	20	084	2045	2031
Recommende	Rehab.	iuon:					
Date	Code			Descri	ntion		
2015	Code Description F, H Saw & Seal New Joints - Supplemental, Reclamite						
2022	C		Add Rock, F				
2036	F, H				Joints, Fog		
					, ,		
Remarks:			ated at Runway				orth.
			e for section - Se				
<u> </u>	For Traffic I	ndex see Appe	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.

					D : 1	NA E 4	2 C CO11		
Airport:		Truckee-Tah	oe Airport		Date of Survey:	-	& 6, 2011 013 Update		
Element:	Runway 2-2	20							
Station:	North Blast	Pad							
Dimensions:	75' x 200'								
FAA Pavemen		•	None						
Element Identi	ification (Fo								
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
	PCC	No Data		=					
Section:	AC		0						
	AB		0						
	ASB		0						
	Subgrade		0						
	Sub-soil		0						
Date Construc	ted:		the later of						
Rehabilitation	Record:	ecord: Date Type							
		2011 AC Patch Repair							
		2013	Updated to Zeb	ra Stripe	d Marking	S			
				Ì.					
Pavement Con	dition:	Joints - 25' x 25	5' - Secondary (Cracks ar	nd Spalling				
Cracks - Block	- Moderate	- 1" to 3" width							
Weathering - M									
No Rutting, Sho	oving, or Ra						2011 PCI = 42		
		Pavement Rati					2013 PCI = 34		
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD		
Traffic Index			Maintenan				e Equipment		
		on - 20 K Load	50-60 ()	50-	60 ()	50-60 ()	50-60 ()		
Pavement Struc							-		
Pavement Struc			<u> </u>	<u> </u>					
Recommended		ition:			No contract that				
	Rehab.								
Date	Code	Description							
2018	D	Remove AC and Reconstruct							
2022	С	Add Rock, Pulverize, Recompact + 3" AC with Runway Project Saw & Seal New Joints, Fog Seal							
2036	F, H		Saw & S	bear inew	Joints, Fog	oeai .			
	1						<u>.</u>		
Remarks:	Station has	ed on Sta O loc	ated at Runway	02 three	hold and a	roceeding No	orth		
			ated at Runway e for section - S				orth.		

Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Taxiway G						-	
Station:	0+00 to 6+0	00			· · · · · · · · · · · · · · · · · · ·			
Dimensions:	50' x 600'					·		
FAA Pavemen		Survey -	T5 Single	Gear - 30) kins		·	
Element Ident	_							
		Thicknes	s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	6	6 250 0.35					
	AB	6	6	30		0.35		
	ASB		-					
	Subgrade	48	48	8	·	0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc								
Rehabilitation								
	1994 3" AC Hot In Place Recycle							
	2011 Reclamite, 2012 AC Patches							
Daviement Oc		2013	Seal Joints	011 - 1		1 1	<u> </u>	
Pavement Cor			25' - 1/2" to 1" (st eage, wi	in depression	s) - Sealed	
			1 10' from West 25') - Sealed.		don. Crook	a an E00/ of	lainta	
		derate - Sealed		Second	dary Crack	S 011 50% 01 J	onis.	
Weathering - N			Shoving, or Ra	velling	a		2011 PCI = 77	
- rouning n		Pavement Rati		voiiii ig			2013 PCI = 65	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atique A	nalvsis		ARFIELD	
Traffic Index			J		J1	J	J1	
		on - 20 K Load	30-51 (51)	30-5	1 (51)	30-51 (51)	30-51 (51)	
		ing Life - Years	59		45	14	8	
		Year of Failure	2070	20	056	2025	2019	
Recommende	T	ation:						
Det	Rehab.							
Date	Code		O 0 O N	Descri		1.0		
2015 2022	F, H C		Saw & Seal New					
2022	F, H		Add Rock, F		Hecompac Joints, Fog			
	1,11	_	Saw & S	Jeal NEW	ooniis, rug	Jeai	<u> </u>	
Remarks:	Station base	ed on Sta. 0 loc	ated at Runway	02 edne	south end	and proceed	ing North	
Remarks:			ated at Runway				ing North.	

					Date of	May 5	& 6, 2011		
Airport:	i.	Truckee-Tah	noe Airport		Survey:		013 Update		
Element:	Taxiway G	-		· .					
Station:	6+00 to 9+0	00							
Dimensions:	50' x 300'								
FAA Pavemer	_		T5 Single	Gear - 30) kips				
Element Iden	tification (Fo								
111111111111111111111111111111111111111			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC		6 6 150 0.35						
	AB	6	6	20		0.35			
	ASB		-						
	Subgrade	48	48	8		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Constru		1972							
Rehabilitation									
	1994 3" AC Hot In Place Recycle								
	2011 Reclamite								
Pavement Co	n aliti a m	2013	Seal Joints	DII - 4		Ale al annual and an	-> 01-1		
			25' - 1/2" to 1" (2 t 10' from West		st eage, wi	tn depression	s) - Sealed		
			25') - Sealed.		dony Crook	10 on E09/ of	lointo		
	er - Few - Se		B 20) - Sealeu.	Second	Jary Crack	S 011 50 % 01 t	JOINS.		
Weathering - N			Shoving, or Ra	/elling			2011 PCI = 77		
rrodaom.ig	, io do i dio	Pavement Rati		rolling			2013 PCI = 70		
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atique A	nalvsis	FAA - FA	ARFIELD		
Traffic Index			J		J1	J	J1		
		on - 20 K Load	62-66 (66)	62-6	66 (66)	62-66 (66)	62-66 (66)		
		ing Life - Years	46		36	4	2		
		Year of Failure	2057	20	047	2015	2013		
Recommende		ition:							
	Rehab.								
Date	Code			Descri					
2015	F, H		Saw & Seal New						
2022	С	Add Rock, Pulverize, Recompact + 3" AC Saw & Seal New Joints, Fog Seal							
2036	F, H		Saw & S	eai New	Joints, Fog	Seal			
									
Remarks:	Station base	ed on Sta. 0 loc	ated at Runway	02 edge	south end	d and proceed	ling North.		
							<u> </u>		
	FWD used	was mean value	e for section - Se	erwo	Graphs, A	ppenaix B			

	T			The same of the sa		NA 5 /	2.0.0014	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Taxiway G							
Station:	9+00 to 15-	-00						
Dimensions:	50' x 600'		-					
FAA Pavemer	_	•	T5 Single	Gear - 30) kips			
Element Iden	tification (Fo							
			s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	6	6 250 0.35					
	AB	6	6	40		0.35		
	ASB		-					
	Subgrade	48	48	12	_	0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru	cted:	1972						
Rehabilitation								
	1994 3" AC Hot In Place Recycle							
	2011 Reclamite							
		2013	Seal Joints					
Pavement Co			25' - 3/4" to 1" (2		t edge, wi	th depression	s) - Sealed	
			10' from West					
			25') - Sealed.				loints.	
			@ Apron A1a 7		west edge)		
Weathering - N	/loderate		Shoving, or Ra	velling			2011 PCI = 77	
		Pavement Rati	ng = Fair				2013 PCI = 55	
2011 Pavement	Remaining L	ife Analysis	Brandley - F			FAA - FA	ARFIELD	
Traffic Index			J		J1	J	J1	
		on - 20 K Load	20-39 (39)		9 (39)	20-39 (39)	20-39 (39)	
		ing Life - Years Year of Failure	97		76	76	49	
			2108	20	087	2087	2060	
Recommende		ition:						
Date	Rehab.			Decari	ndlan			
2015	Code		Cow 9 Co-1 N	Descri		al Desley "		
2015	F, H C		Saw & Seal New Add Rock, F					
2022	F, H				Hecompac Joints, Fog			
2000	1,11		Saw & S	Jeal NEW		Ocai_		
Domonlos	Station has	nd on Ct- Ols-	ated at Runway	00	- حلفرو		llings Alexate	
		an nn 5(2 11100	AIDU AL MIDWAY	בחחם ענו	SOUTH AND	i and proceed	una No rth	
Remarks:			e for section - Se				ing Horan.	

Truckee-Tahoe Airport Date of Survey: October 2013 Upote	TABLE	NO. C35 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE	
Station: 15+00 to 16+00						Date of	May 5	& 6, 2011	
Dimensions: 50' x 100' FAA Pavement Strength Survey - Element Identification (Form 5335-1):	Element:	Taxiway G				_			
T4	Station:	15+00 to 16	6+00						
Processory Pr	Dimensions:	50' x 100'							
Thickness - Inches		_	•	T4 Single	Gear - 60) kips			
Pack PFC	Element Ident	ification (Fo							
PFC							μ	Remarks	
Pavement Section:			2011	2013	2011	2013		A CHANGE SHALL	
AC	_	N. C. Control of Contr						1	
AB			<u> </u>						
ASB	Section:		6	6	250		0.35		
Subgrade 48			6	6 6 20 0.35					
Sub-soil S.I. S.I. 25 0.35		ASB		-					
Date Constructed: 1972 Rehabilitation Record: Date Type 1994, 2008 3" AC Hot In Place Recycle 2011 Reclamite 2013 Seal Joints Pavement Condition: Jointed - 25' x 25' - 3/4" to 1" (2" at west edge, with depressions) - Sea Cracks - Longitudinal - Few - Sealed, Joint 10' from West Edge. - Transverse - Few, Moderate - Sealed. Secondary Cracks on 60% of Joints. - Corner - Few - Sealed. Weathering - Moderate No Rutting, Shoving, or Ravelling 2011 PC		Subgrade	48	48	8		0.35		
Date		Sub-soil	S.I.	S.I.	25	_	0.35		
1994, 2008 3" AC Hot In Place Recycle 2011 Reclamite 2013 Seal Joints	Date Construc	ted:	1972						
2011 Reclamite 2013 Seal Joints	Rehabilitation								
2011 Reclamite 2013 Seal Joints									
Pavement Condition: Jointed - 25' x 25' - 3/4" to 1" (2" at west edge, with depressions) - Sea Cracks - Longitudinal - Few - Sealed, Joint 10' from West Edge Transverse - Few, Moderate - Sealed. Secondary Cracks on 60% of Joints Corner - Few - Sealed. Weathering - Moderate									
Cracks - Longitudinal - Few - Sealed, Joint 10' from West Edge. - Transverse - Few, Moderate - Sealed. Secondary Cracks on 60% of Joints. - Corner - Few - Sealed. Weathering - Moderate			2013	Seal Joints					
- Transverse - Few, Moderate - Sealed. Secondary Cracks on 60% of Joints. - Corner - Few - Sealed. Weathering - Moderate No Rutting, Shoving, or Ravelling 2011 PC Pavement Rating = Good 2013 PC 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIEL Traffic Index J J J1 J J FWD Center Plate Deflection - 20 K Load 48-51 (51) 48-51 (51) 48-51 (51) 48-51 Pavement Structure Remaining Life - Years 59 45 14 8 Pavement Structure Estimate Year of Failure 2070 2056 2025 20- Recommended Rehabilitation: Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC	Pavement Cor	ndition:	Jointed - 25' x	25' - 3/4" to 1" (2" at wes	t edge, wi	th depression	s) - Sealed	
- Corner - Few - Sealed. Weathering - Moderate									
Weathering - Moderate No Rutting, Shoving, or Ravelling 2011 PC Pavement Rating = Good 2013 PC 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIEL Traffic Index J J1 J <td>- Trans</td> <td>sverse - Few</td> <td>, Moderate - Se</td> <td>ealed. Seconda</td> <td>ary Crack</td> <td>s on 60%</td> <td>of Joints.</td> <td></td>	- Trans	sverse - Few	, Moderate - Se	ealed. Seconda	ary Crack	s on 60%	of Joints.		
Pavement Rating = Good 2013 PC 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIEL Traffic Index J J1 J J5 FWD Center Plate Deflection - 20 K Load 48-51 (51) <td></td> <td></td> <td>ealed.</td> <td></td> <td></td> <td></td> <td></td> <td></td>			ealed.						
2011 Pavement Remaining Life Analysis Traffic Index J J1 J FWD Center Plate Deflection - 20 K Load 48-51 (51) 48-51 (51) 48-51 (51) 48-51 Pavement Structure Remaining Life - Years 59 45 14 8 Pavement Structure Estimate Year of Failure 2070 2056 2025 20- Recommended Rehabilitation: Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC	Weathering - M	1oderate			velling			2011 PCI = 77	
Traffic Index J J1 J J1 J J2 J J2 FWD Center Plate Deflection - 20 K Load 48-51 (51) 48-51 (51) 48-51 (51) 48-51 Pavement Structure Remaining Life - Years 59 45 14 88 Pavement Structure Estimate Year of Failure 2070 2056 2025 205 Recommended Rehabilitation: Rehab. Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite Add Rock, Pulverize, Recompact + 3" AC		<u> </u>	Pavement Rati	ng = Good				2013 PCI = 70	
FWD Center Plate Deflection - 20 K Load 48-51 (51)		Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	AARFIELD	
Pavement Structure Remaining Life - Years 59 45 14 8 Pavement Structure Estimate Year of Failure 2070 2056 2025 20 Recommended Rehabilitation: Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC								J1	
Pavement Structure Estimate Year of Failure 2070 2056 2025 20- Recommended Rehabilitation: Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC								48-51 (51)	
Recommended Rehabilitation: Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC			•		-			8	
Rehab. Date Code Description 2015 F, H Saw & Seal New Joints - Supplemental, Reclamite Add Rock, Pulverize, Recompact + 3" AC				2070	20	056	2025	2019	
DateCodeDescription2015F, HSaw & Seal New Joints - Supplemental, Reclamite2022CAdd Rock, Pulverize, Recompact + 3" AC	necommende		ition:						
2015 F, H Saw & Seal New Joints - Supplemental, Reclamite 2022 C Add Rock, Pulverize, Recompact + 3" AC	Dots				Daniel				
2022 C Add Rock, Pulverize, Recompact + 3" AC									
CAND I I I I I I AND A MEN NEW TOTAL FOR SERIO									
Oday & Geal New Joints, 1 by Geal	2030	F, H Saw & Seal New Joints, Fog Seal							
Remarks: Station based on Sta. 0 located at Runway 02 edge south end and proceeding North	Remarks:	Station base	ed on Sta. 0 loc	ated at Runway	02 edge	south end	and proceed	ding North	
FWD used was mean value for section - See FWD Graphs, Appendix B								3	
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								& 3-3:	

Airport: Element: Station:		Truckee-Tah							
		Truckee-Tahoe Airport					& 6, 2011 013 Update		
Station:	Taxiway G								
	16+00 to 45	5+00							
Dimensions:	50' x 2900'								
FAA Pavemen	_	•	T4 Single	Gear - 60) kips				
Element Ident	tification (Fo								
			s - inches	Е	ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	5	5 350 0.35						
	AB	5	5 5 100 0.35						
	ASB		-						
	Subgrade	48	48	20		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:	1984			V. J. Brit				
Rehabilitation	Record:	Date			Туре		Tarin Sita.		
	1994 3" AC Hot In Place Recycle								
	2011 Reclamite								
		2013	Seal Joints						
Pavement Co			25' - 3/4" to 1" (t edge, wi	th depression	s) - Sealed		
			t 10' from West						
			@ 25') - Sealed			ks on 60% of	Joints.		
			in 2 locations 1		vest edge				
Weathering - N	/loderate		Shoving, or Ra	velling			2011 PCI = 77		
0011 D		Pavement Rati	ng = Good				2013 PCI = 65		
2011 Pavement	Remaining L	ite Analysis	Brandley - F				ARFIELD		
Traffic Index	Plata Daflacti	on - 20 K Load	J 19-30 (28)		J1 0 (28)	J 19-30 (28)	J1 19-30 (28)		
		ing Life - Years	19-30 (28)		97	359	246		
		Year of Failure	2133		108	2370	2257		
Recommende			2100		100	2370	2237		
ricoommenae	Rehab.	ition.							
Date	Code			Descri	ption				
2015	F, H								
2022	С	Add Rock, Pulverize, Recompact + 3" AC							
2036	F, H								
5					-				
Remarks:	Station base	ed on Sta. 0 loo	ated at Runway	02 edge	south end	d and proceed	ling North		
		·	e for section - Se				9		
			ndix D. For Ref				& 3-3.		

TABLE	NO. C37 - P.	AVEMENT COI	NDITION SURV	EY AND	A Company of the Comp		
Airport:		Truckee-Tah	noe Airport		Date of Survey:		% 6, 2011 013 Update
Element:	Taxiway G						-
Station:	45+00 to 48	3+00		_			
Dimensions:	50' x 300' +	Runup Area					
FAA Pavemen	t Strength S	Survey -	T4 Single	Gear - 60) kips		
Element Ident	ification (Fo						
			s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC					1	
Section:	AC	6	6	250		0.35	
	AB	6	6	40		0.35	
	ASB		-				
	Subgrade	48	48	12		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:	1984					
Rehabilitation							
		1994 3" AC Hot In Place Recycle					
		2011 Reclamite					
		2013	Seal Joints, AC				
Pavement Cor			25' - 3/4" to 1" (st edge, wi	th depression	s) - Sealed
			t 10' from West	Edge.			
			25') - Sealed.				
		Runup area (50					
Weathering - N	/loderate		Shoving, or Ra	velling			2011 PCI = 77
2011 Pavement	Pemaining I	Pavement Rati	ng = Good Brandley - F	otious A	nalvaia		2013 PCI = 65
Traffic Index	Remaining L	lie Analysis	Brandley - F				ARFIELD
	Plate Deflecti	on - 20 K Load			J1 I0 (39)	J 28-40 (39)	J1 28-40 (39)
		ing Life - Years	97		76	76	49
		Year of Failure	2108		087	2087	2060
Recommende		***	2100		007	2001	2000
	Rehab.	Mary no service				The same of	
Date	Code			Descri	ption		
2015	F, H		Saw & Seal New			al, Reclamite	
2022	С		Add Rock, F				
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal	
Remarks:			ated at Runway e for section - Se			<u>-</u>	ling North.
	For Traffic I	ndex see Appe	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE	NO. C38 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	IEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:	, -	k 6, 2011 013 Update
Element:	Taxiway P						
Station:	0+00 to 1+	15					
Dimensions:	50' x 115'						
FAA Pavemer	_	•	T4 Single	Gear - 60) kips		
Element Ident	tification (Fo						
			s - inches	- Inches	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC				7,		
Pavement	PCC						
Section:	AC	3	3	250		0.35	
	AB	6	6	30		0.35	
	ASB		-				
	Subgrade	48	48	6		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construe	Landard To Control						
Rehabilitation							
	2011 Reclamite						
		2013	Seal Joints				
		1					
Pavement Co			25' - 1" to 3" - S	ealed, D	epressed a	at Joints	
Cracks - Seco		ts - Moderate.					
- Corne	r - rew						
Weathering - N	Andorato	No Butting	Shoving, or Ra	volling			2011 PCI = 80
weathering - N	noderate	Pavement Rati		veiling			2011 PCI = 80 2013 PCI = 70
2011 Pavement	Remaining I	ife Analysis	Brandley - F	atique A	nalveie		ARFIELD
Traffic Index	Tromaining L	illo Allalyolo	J J		J1	1 777 - 17	J1
•	Plate Deflecti	on - 20 K Load			9 (58)	52-59 (58)	52-59 (58)
		ing Life - Years	25	-	18	4	2
Pavement Struc	cture Estimate	Year of Failure	2036		029	2015	2013
Recommende	d Rehabilita	ntion:					
	Rehab.			and profile	T((())		
Date	Code			Descri	ption		
2015	F, H	-	Saw & Seal New			al, Reclamite	
2022	С		Add Rock, F				
2036	F, H				Joints, Fog		
Remarks:	-		ated at Runway				
·			e for section - Se				
	For Traffic I	ndex see Appe	ndix D. For Reh	nabilitatio	n Code se	e Tables 3-1	<u>& 3-3.</u>

TABLE	NO. C39 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 2013 Update	
Element:	Taxiway V							
Station:	0+00 to 1+	15						
Dimensions:	50' x 115'							
FAA Pavemen		•	T4 Single	Gear - 60) kips			
Element Ident	tification (Fo							
			s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	100		0.35		
	AB	6	6	20		0.35		
	ASB		-					
Subgrade 48 48 7 0.35 Subscill S.I. S.I. 35 0.35								
	Sub-soil	S.I.	S.I.	25		0.35		
and the same of th	ehabilitation Record: Date Type							
Rehabilitation								
	2011 Reclamite 2013 Seal Joints							
		2013	Seai Joints					
Pavement Co	ndition:	Jointed - 25' x	<u> </u> 25' - 1" to 3" - S	ealed, De	enression	at Joints		
Cracks - Secon								
Weathering - N	/loderate		Shoving, or Ra	velling			2011 PCI = 80	
		Pavement Rati	ng = Good				2013 PCI = 70	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	F		FAA - FA	ARFIELD	
Traffic Index	21-1-12-13-13	00.161	J		J1	J	J1	
		ion - 20 K Load ing Life - Years			0 (80)	77-80 (80)	77-80 (80)	
		Year of Failure	21		15	0.9	0.4	
Recommende			2032		026	2012	2011	
	Rehab.			THE STATE OF				
Date	Code			Descri	ption			
2015	F, H		Saw & Seal New			tal. Reclamite		
2022	С		Add Rock, I					
2036	F, H	Saw & Seal New Joints, Fog Seal						
					····			
Remarks:			ated at Taxiway		<u> </u>			
			e for section - Se				0.00	
	For Traffic I	naex see Appe	ndix D. For Rel	abilitatio	n Code se	e Tables 3-1	<u>& 3-3.</u>	

TABLE	NO. C40 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE		
Airport:		Truckee-Tah			Date of Survey:	May 5	& 6, 2011 2013 Update		
Element:	Taxiway Q								
Station:	Row a & b								
Dimensions:							t:		
FAA Pavemen	_	-	T4/A5 Single	Gear - 30	kips				
Element Ident	incation (Fo		s - inches		ksi		Remarks		
		2011	2013	2011	2013	μ	Remarks		
Existing	PFC	2011	2013	2011	2013				
Pavement	PCC								
Section:	AC	0	0	050		0.05	<u> </u>		
Section:		3	3	250		0.35			
	AB	6	6 6 40 0.35						
	ASB	40							
	Subgrade	48	48	15		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Constructed: 1973									
Rehabilitation									
	1999								
	2013 Seal Joints								
Pavement Cor			5' - 1" to 2" - Mod		<u>-</u>	ks at Joints - S	Sealed		
Cracks - Longi	tudinal - Few	<i>i</i> - Sealed	Transverse -	Few - Se	aled				
NA/ Al A	Alata		AL D. III						
Weathering - N	loderate H	avelling - Minor		or Shovir	ng		2011 PCI = 80		
0011 D	DI	Pavement Rati				F.A. F.	2013 PCI = 70		
2011 Pavement	Remaining L	.ire Analysis	Brandley - F	T			ARFIELD		
Traffic Index	Note Deflect	an 00 K l and	K		(1	K (55)	K1		
Pavement Stru	<u>rture Bemain</u>	on - 20 K Load ing Life - Years	<55 (55)		5 (55) 46	<55 (55)	<55 (55)		
		Year of Failure	46		16	21	21		
Recommende			2057	1 20	057	2032	2032		
necommende		itiOII.							
Date	Rehab. Code			Decer	ntion				
2015	Code Description F, H Saw & Seal New Joints - Supplemental, Reclamite								
2015	C C								
2022		Add Rock, Pulverize, Recompact + 3" AC Saw & Seal New Joints, Fog Seal							
2000	F, H Saw & Seal New Joints, Fog Seal								
							<u></u> _		
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations					
			e for section - S		Granhe A	nnendiy R			
			ndix D. For Rel				ደ 3_3		
	· Or Traine I	Hack acc Appel	TAIN D. TOT HE	-abilitatio	., Jour 30	0 1 abies 0-1	u 0-0.		

TABLE N	NO. C41a - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE		
Airport:		Truckee-Tah	noe Airdort I		Date of Survey:	May 5 & 6, 2011 October 2013 Update			
Element:	Apron A1a								
Station:	Row a & b								
Dimensions:	200' x 500'	(Entire Apron A	11a)						
FAA Pavemen	_	•	T4/A5 Single	Gear - 30) kips				
Element Ident	ification (Fo						Remarks		
		Thickness - inches E ksi μ							
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3-4	250		0.35			
	AB	6	6	40		0.35			
	ASB		-						
	Subgrade	48	48	15		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:	1973							
Rehabilitation	Record:	Date			Туре				
		1999				• • • • • • • • • • • • • • • • • • • •			
		2013	Mill and Fill 1.5	" AC					
Pavement Cor		No Joints on Sur							
25' Joints in un	derlying 1.5	of AC, surface	is discolored a	t joints.					
Weathering - L	ight N	lo Ravelling, Ru]			2011 PCI = 45		
		Pavement Rati					2013 PCI = 95		
2011 Pavement	Remaining L	ife Analysis	Brandley - F		-		ARFIELD		
Traffic Index		20161	K		K1	K	K1		
Payament Stru	<u> Plate Deflecti</u>	ion - 20 K Load ing Life - Years		Ť	5 (55)	<55 (55)	<55 (55)		
		Year of Failure	46		46	21	21		
			2057	1 2	057	2032	2032		
Recommende		ation:			010 C - 105		0.00		
Date	Rehab. Code			Descri	ntion				
2023	A		Por		Reconstruc	<u> </u>			
2036	F, H				Joints, Fog				
2000	1,11		Jaw & C	Jeal INEW	oomia, rug	Jeai			
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations					
		was mean value			Graphs A	ppendix B			
		ndex see Appe					& 3-3.		

TABLE N	O. C41b - P	AVEMENT CO	NDITION SURV	EY AND		and the second of the second		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Apron A1a							
Station:	Row a & b							
Dimensions:	200' x 500'	(Entire Apron A	1a)					
FAA Pavemen			1	Gear - 30) kips			
Element Ident	ification (Fo	orm 5335-1):						
Maria and the color of the colo	Thickness - inches E ksi µ R							
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3-4	250		0.35		
	AB	6	6	30		0.35		
	ASB		-					
	Subgrade	48	48	10		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	ted:	1973						
Rehabilitation	Record:	Date			Туре			
		1999						
		2013	Mill and Fill 1.5	' AC				
D	-1141							
Pavement Cor		No Joints on Sur		tataka	· · ·			
25 Joints in un	derlying 1.5	of AC, surface	is discolored at	joints.				
Weathering - L	iaht N	o Ravelling, Ru	tting or Shoving				2011 PCI = 45	
<u></u>		Pavement Rati					2013 PCI = 95	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis		ARFIELD	
Traffic Index			K		K 1	К	K1	
		on - 20 K Load	55 - 70 (70)	55 -	70 (70)	55 - 70 (70)	55 - 70 (70)	
Pavement Struc		_	24	:	24	2	2	
Pavement Struc			2035	2	035	2013	2013	
Recommende		ition:						
	Rehab.							
Date	Code		Market Carrier	Descri				
2023	A				Reconstruc			
2036	F, H		Saw & S	eal New	Joints, Fog	Seal		
			- ,,,,,					
						13		
			·		· ·			
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations				
			e for section - Se		Graphs. A	ppendix B		
			ndix D. For Ref				9 2 2	

TABLE I	NO. C41c - F	PAVEMENT CO	NDITION SUR	VEY AND	REHABIL	TATION SO	CHEDULE
Airport:		Truckee-Tah	Date of Survey:	May 5 & 6, 2011 October 2013 Update			
Element:	Apron A1a	_					
Station:	EAA Apron						
Dimensions:	250' x 80' (EAA Apron)			<u></u>	-	
FAA Pavemer				·			
Element Ident							
		Thicknes	s - inches	HECOM E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	2	3	-		0.35	
	AB	4	3	-		0.35	
	ASB		8	-		0.35	
	Subgrade	48	48	-		0.35	
	Sub-soil	S.I.	S.I.	-		0.35	
Date Constru	cted:					H. X	
Rehabilitation	Record:	Date			Туре		
		2013	Full Reconstru	ction with	2013 Main	tenance Pro	ogram
<u> </u>							
Pavement Co	naition:						
						····	
							2011 PCI = X
		Pavement Rati	na = Excellent			 -	2013 PCI = 100
2011 Pavement	Remaining L	ife Analysis		Fatigue A	nalysis	FAA - F	AARFIELD
Traffic Index							
		on - 20 K Load					
		ing Life - Years	<u> </u>				
<u> </u>		Year of Failure		<u> </u>			
Recommende		ition:					
D	Rehab.						
Date	Code	Capital Conf Phys		Descri			
2026	F, H				Joints, Fog S		
2031	G		Crack H	epair, Sea	I Cracks & J	DINTS	
				·			
						<u> </u>	
•				 -			
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations	·		
		was mean value			Graphs, Ap	pendix B	
	For Traffic I	ndex see Appe	ndix D. For Re	habilitatio	n Code see	Tables 3-1	& 3-3.

TABLE N	O. C42 - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	TATION SCH	IEDULE
Airport:		Truckee-Tah	oe Airport		Date of May 5 & 6, 2011 Survey: October 2013 Update		
Element:	Apron A1				7		
Station: F	Rowa&b						
Dimensions: 2	200' x 650'	(Entire Apron A	A1)				
FAA Pavement	Strength S	Survey -	A5 Single	Gear - 30) kips		
Element Identif	ication (Fo						
		Thicknes	ksi	μ	Remarks		
		2011	2013	2011	2013		
Existing F	PFC						
Pavement F	CC						
	IC	3	3-4	250		0.35	
<u></u>	\B	6	6	70		0.35	
	SB		-				
	Subgrade	48	48	20		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construct		1973					
Rehabilitation F	Record:	Date			Туре		
		1999					
		2013	Mill and Fill 1.5	" AC			
Pavement Cond	litian.	No leiste es Con	.				
		No Joints on Sur		t ininta			
25' Joints in und	enying 1.5	or AC, surface	is discolored a	t joints.			
	·						
Weathering - Lig	ht N	o Ravelling, Ru	tting or Shoving	 1			2011 PCI = 45
		Pavement Ratio		· · · · · · · · · · · · · · · · · · ·			2013 PCI = 95
2011 Pavement R	emaining L	ife Analysis	Brandley - F	atique A	nalysis		ARFIELD
Traffic Index			L	T	L1	L	L1
FWD Center Pla			<40 (40)	<40	(40)	<40 (40)	<40 (40)
Pavement Struct		•	39	:	29	15	8
Pavement Structu			2050	20	040	2026	2019
Recommended		ition:					
	Rehab.						
Date	Code			Descri			
2023	A				Reconstruc		
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal	
+							
						<u></u>	
+							
Remarks: S	ee FWD T	est Data Summ	nary for Test Lo	cations			
		was mean value			Graphs, Ai	ppendix B	

						May 5 6	0.0011	
Airport:		Truckee-Tah	oe Airport		Date of May 5 & 6, 2011 Survey: October 2013 Update			
Element:	Apron A1							
Station:	Row a & b				"			
Dimensions:	200' x 650'	(Entire Apron	A1)					
FAA Pavemer		•	A5 Single	Gear - 30	kips			
Element Ident	ification (Fo							
			s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3-4	250		0.35		
	AB	6	6	40		0.35		
	ASB		-					
	Subgrade	48	48	15		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru		1973						
Rehabilitation	Hecora:	Date		<u>n-Lápuda e</u>	Туре			
		1999 2013	Mill and Fill 1.5	" A C	-			
		2013	IVIIII and FIII 1.5	AC				
Pavement Co	ndition:	No Joints on Sur	tace					
			is discolored at	ioints.				
	jg			. ,				
Weathering - L	ight N		tting or Shoving	l			2011 PCI = 45	
		Pavement Rati					2013 PCI = 95	
2011 Pavement	Remaining L	ife Analysis	Brandley - F			FAA - FA	ARFIELD	
			L		_1	L	L1	
	01 1 50 11 11	00141						
FWD Center F		on - 20 K Load			1 ,	<u> </u>		
FWD Center F Pavement Stru	cture Remain	ing Life - Years	23		16	1.5	0.8	
FWD Center F Pavement Structure Pavement Structure Pavement Structure Pavement Structure Pavement Structure Pavement Structure Pavement Pa	cture Remain	ing Life - Years Year of Failure			1 ,	<u> </u>		
FWD Center I Pavement Struce Pavement Struce	cture Remain cture Estimate d Rehabilita	ing Life - Years Year of Failure	23		16	1.5	0.8	
FWD Center F Pavement Strue Pavement Strue Recommende	cture Remain cture Estimate d Rehabilita Rehab.	ing Life - Years Year of Failure	23	20	16 027	1.5	0.8	
FWD Center F Pavement Structure Pavement Structure Pavement Structure Pavemende Paveme	cture Remain cture Estimate d Rehabilita	ing Life - Years Year of Failure	23 2034	20 Descri	16 027 ption	1.5 2013	0.8	
FWD Center F Pavement Strue Pavement Strue Recommende	cture Remain cture Estimate d Rehabilita Rehab. Code	ing Life - Years Year of Failure	23 2034 Ren	20 Descri	16 027	1.5 2013	0.8	
FWD Center F Pavement Stru Pavement Stru Recommende Date 2023	cture Remain cture Estimate d Rehabilita Rehab. Code	ing Life - Years Year of Failure	23 2034 Ren	20 Descri	ption	1.5 2013	0.8	
Pavement Stru Pavement Stru Recommende Date 2023	cture Remain cture Estimate d Rehabilita Rehab. Code	ing Life - Years Year of Failure	23 2034 Ren	20 Descri	ption	1.5 2013	0.8	
FWD Center F Pavement Structure	cture Remain cture Estimate d Rehabilita Rehab. Code	ing Life - Years Year of Failure	23 2034 Ren	20 Descri	ption	1.5 2013	0.8	
FWD Center F Pavement Stru Pavement Stru Recommende Date 2023 2036	cture Remain cture Estimate d Rehabilita Rehab. Code A F, H	ing Life - Years Year of Failure ation:	23 2034 Ren Saw & S	Descri nove and Seal New	ption	1.5 2013	0.8	
FWD Center F Pavement Stru Pavement Stru Recommende Date 2023	cture Remain cture Estimate d Rehabilita Rehab. Code A F, H See FWD T	ing Life - Years Year of Failure Ition:	23 2034 Ren	Descri nove and Seal New	ption Reconstructions, Fog	1.5 2013 et Seal	0.8	

TABLE	NO. C44 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A1						
Station:	Row a & b						
Dimensions:	200' x 650'	(Entire Apron	A1)		-		
FAA Pavemen				Gear - 30) kips		
Element Ident	ification (Fo	orm 5335-1):					
		μ	Remarks				
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3-4	250		0.35	
	AB	6	6	30		0.35	
	ASB		-				
	Subgrade	48	48	10		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc		1973					
Rehabilitation	abilitation Record: Date Type						
		1999	N 4:11 N = 111 A =				
		2013	Mill and Fill 1.5	" AC			
Pavement Coi	ndition:	No Joints on Sur	food				
			is discolored a	iointe			
20 0011113 111 011	idenying 1.5	or AO, surface	is discolored a	. joints.			
		-				<u> </u>	
Weathering - L	<u>ight</u> N		itting or Shoving	<u> </u>			2011 PCI = 45
		Pavement Rati	ng = Excellent				2013 PCI = 95
	Remaining L	ite Analysis	Brandley - F			FAA - FA	ARFIELD
Traffic Index	Doto Doffort	on - 20 K Load	55 - 70 (70)		L1	L 55 70 (70)	L1
		ing Life - Years	11		70 (70) 8	55 - 70 (70) 0.1	55 - 70 (70) 0.1
		Year of Failure	2022		019	2011	2011
Recommende			2022		713	2011	2011
	Rehab.	hulflan en en en					V-20-20-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Date	Code			Descri	ption		
2023	А		Ren		Reconstruc	pt	
2036	F, H		Saw & S	Seal New	Joints, Fog	Seal	
							·
							·····
Remarks:			nary for Test Lo				
			e for section - Se				
	For Traffic I	ndex see Appe	ndix D. For Rel	abilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE	NO. C45 - P	AVEMENT COI	NDITION SURV	EY AND	REHABILI		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		k 6, 2011 013 Update
Element:	Apron A2				_		
Station:	Row a & b						
Dimensions:	200' x 950'	(Entire Apron A	A 2)				
FAA Pavemen	-A	<u> </u>	A1-A4 Single	Gear - 55	5 kips		
Element ident	_	•		ear - 95 l			
		Thicknes	s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3-4	250		0.35	-
	AB	6	6	100		0.35	
	ASB		-			5.55	
	Subgrade	48	48	25		0.35	
	Sub-soil	S.I.	S.I.	30		0.35	
Date Construe	The Committee of the Co					0.00	
Rehabilitation		Date			Туре		
		1999			7		
		2011	Sealed with Re	clamite			
		2012, 2013	1.5" AC Mill & F		1/2 in 2013.	2" AC-West	1/2 in 2012
Pavement Co	ndition:	No Joints on Sur					
25' Joints in ur	derlying 1.5	of AC, surface	is discolored a	t joints.			
		ng on west 1/2,					
Existing Tie Do	wns exist be	neath AC surfa	ice on West 1/2	•			
Weathering - L	ight No R	utting, Ravelling	g, or Shoving				2011 PCI = 43
		Pavement Rati	ng = Excellent				2013 PCI = 90
	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD
Traffic Index			M		M1	M	M1
		on - 20 K Load	` '		2 (32)	<32 (32)	<32 (32)
		ing Life - Years	44		31	38	23
		Year of Failure	2055	2	042	2049	2034
Recommende		ition:					
Deta	Rehab.			Desaria	nat an		
Date	Code		D	Descri			
2025 2038	F, H				Reconstruct		
2036	Г, П		Saw & 3	seal New	Joints, Fog S	seai	
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations			
			e for section - Se		Graphs, Ap	pendix B	
			ndix D. For Rel				& 3-3.

TABLE	NO. C46 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A2						
Station:	Row a & b						
Dimensions:	200' x 950'	(Entire Apron A	A2)				·
FAA Pavemen	· · · · · · · · · · · · · · · · · · ·		A1-A4 Single	3ear - 5	i kins		·-
Element Ident	_	•		ear - 95			
	THE WAY	Thicknes	s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3-4	250		0.35	
	AB	6	6	70		0.35	
	ASB		**				
	Subgrade	48	48	20		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:		he la				
Rehabilitation	Record:	Date		IN THE	Туре		
		1999					
		2011	Sealed with Re	clamite			
	*		1.5" AC Mill & F	ill-East	1/2 in 2013	3, 2" AC-West	1/2 in 2012
Pavement Cor		No Joints on Sur					
			is discolored at	joints.			
		ng on west 1/2,				· · · · · · · · · · · · · · · · · · ·	
			ice on West 1/2	•			
vveatnering - L	ignt no h	utting, Ravelling	, 				2011 PCI = 43
2011 Payament	Pemaining I	Pavement Rati	ng = Excellent Brandley - F	oticus A	nolvoje		2013 PCI = 90
Traffic Index	nemaining L	.iic Alialysis	M M		M1	M M	M1
	Plate Deflecti	on - 20 K Load			40 (40)	32 - 40 (40)	32 - 40 (40)
		ing Life - Years	28		19	8	4
		Year of Failure	2039		030	2019	2015
Recommende	d Rehabilita	ition:				20.0	2010
	Rehab.				a de la constanta		
Date	Code			Descri	ption		
2025	А		Ren	nove and	Reconstruc	t	
2038	F, H	- "	Saw & S	Seal New	Joints, Fog	Seal	
			···				
Remarks:	See FWD T	est Data Summ	nary for Test Loc	ations			
	FWD used	was mean value	e for section - Se	e FWD	Graphs, A	ppendix B	-
	For Traffic I	ndex see Appei	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.

TABLE	NO. C47 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A2						
Station:	Row a & b						
Dimensions:	200' x 950'	(Entire Apron	A2)				
FAA Pavemen	t Strength	Survey -	A1-A4 Single	Gear - 55	kips		_
Element Ident	tification (Fo	orm 5335-1):		ear - 95 k			
		Thicknes	s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3-4	250		0.35	
	AB	6	6	40		0.35	
	ASB		-				
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:					15.3 1. 15.	
Rehabilitation	Record:	Date			Туре		
		1999					
		2011	Sealed with Re	clamite			
		2012, 2013	1.5" AC Mill & F	ill-East 1	1/2 in 2013	3, 2" AC-West	1/2 in 2012
Pavement Cor	ndition:	No Joints on Sui					
25' Joints in un	derlying 1.5	of AC, surface	is discolored at	joints.	·		
1200 sq. ft. of	profile grindi	ng on west 1/2,	fog sealed.				
Existing Tie Do			ace on West 1/2				
Weathering - L	ight No R	utting, Ravelling	g, or Shoving				2011 PCI = 43
		Pavement Rati	ng = Excellent				2013 PCI = 90
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD
Traffic Index			M		V 11	M	M1
		ion - 20 K Load			55 (55)	40 - 55 (55)	40 - 55 (55)
		ing Life - Years	16		11	0.7	0.4
		Year of Failure	2027	20	022	2012	2011
Recommende		ation:				4	
D	Rehab.	4-11-11					
Date	Code			Descri	*		
2025		A Remove and Reconstruct F, H Saw & Seal New Joints, Fog Seal					
2038	F, H		Saw & S	bear New	Joints, Fog	oeai	
			·				
Remarks:	See FWD T	est Data Summ	nary for Test Lo	rations			
	_		e for section - Se		Granhe A	nnendiy R	<u></u>
			ndix D. For Reh			<u> </u>	& 3-3
	. J. Hamol	ooo Appo		المانان حد.	5040 30		<u> </u>

TABLE	NO. C48 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCH	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:	•	& 6, 2011 013 Update
Element:	Apron A3						
Station:	Row a, b, n	, 0					
Dimensions:	200' x 1000	' (Entire Apron	A3)				
FAA Pavemer	· · · · · · · · · · · · · · · · · · ·			Gear - 40) kips		
Element ident	_	•	<u> </u>	ear - 65 l			
		Thicknes	s - inches		ksi	μ	Remarks
La partir de la companya della companya de la companya de la companya della companya della companya de la companya de la companya della compa		2011	2013	2011	2013	THE REAL PROPERTY.	
Existing	PFC					******	
Pavement	PCC						
Section:	AC	3	2-3	250		0.35	
	AB	6	6	100		0.35	
	ASB		-				
	Subgrade	48	48	25		0.35	
	Sub-soil	S.I.	S.I.	30		0.35	
Date Constru	cted:	STATE STATE		Na Provincia			
Rehabilitation	Record:	Date			Туре		
		1999					
		2013	Mill and Fill - 2"	' AC			
Pavement Co			face, 25' Joints ir				
			urface delamina			fill. Delamina	ated AC was
removed and 2	2" of AC was	placed on top o	of existing AB / o	grindings	mix.		
3.8.2 .1 . 1		N D #: 5	- ··· · ·				
Weathering - L	<u>light</u>		Rutting or Shovi	ng			2011 PCI = 40
2011 Devement	Demaining	Pavement Rati	ng = Excellent	-A: A			2013 PCI = 95
	Remaining L	lie Analysis	Brandley - F				ARFIELD
Traffic Index	Plata Deflect	on - 20 K Load	N <32 (32)		N1 2 (32)	N <32 (32)	N1 <32 (32)
		ing Life - Years	112		112	587	587
		Year of Failure	2123	1	123	2598	2598
Recommende			2120		120	2590	2390
1100011111101140	Rehab.						
Date	Code			Descri	iption		
2021	D		Remo		d Reconstru	uct	
2034	F, H				Joints, Fog		
			- 11				<u></u>
Remarks:			nary for Test Lo				
			e for section - S				
	For Traffic I	ndex see Appe	ndix D. For Rel	nabilitatio	n Code se	e Tables 3-1	<u>& 3-3.</u>

TABLE	NO. C49 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	oe Airport	Date of May 5 & 6, 2011 Survey: October 2013 Update				
Element:	Apron A3							
Station:	Row a, b, n	, o						
Dimensions:	200' x 1000	' (Entire Apron	A3)					
FAA Pavemer		<u>.</u>		 Gear - 40) kips			
Element Iden	_			ear - 65 l				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	2-3	250		0.35		
	AB	6	6	70		0.35		
	ASB		-					
	Subgrade	48	48	20		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru	cted:							
Rehabilitation	Record:	Date			Туре			
		1999						
		2013	Mill and Fill - 2'	' AC				
Pavement Co			face, 25' Joints in					
			urface delamina			I fill. Delamina	ated AC was	
removed and a	2 of AC was	placed on top o	of existing AB /	grinaings	mix.			
Weathering - L	ight	No Bayelling F	Rutting or Shovi	na			2011 PCI = 40	
vveathering - t	-igrit	Pavement Rati		ng			2011 PCI = 40 2013 PCI = 95	
2011 Pavement	Remaining L		Brandley - F	atique A	nalysis		ARFIELD	
Traffic Index			N		N1	N	N1	
	Plate Deflecti	on - 20 K Load			40 (40)	32 - 40 (40)	32 - 40 (40)	
Pavement Stru	icture Remain	ing Life - Years	75	-	75	114	114	
Pavement Stru	cture Estimate	Year of Failure	2086	20	086	2125	2125	
Recommende	d Rehabilita	ition:						
	Rehab.		ntall bearing					
Date	Code			Descri	ption			
2021	D				d Reconstr			
2034	F, H		Saw & S	Seal New	Joints, Fog	Seal		
	-		····			<u>.</u>		
			<u> </u>					
Remarks:	See FWD T	est Data Summ	nary for Test I or	cations				
Remarks:		est Data Summ	nary for Test Loc e for section - S		Graphs A	nnendix B		

TABLE	NO. C50 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A3						
Station:	Row a, b, n	, 0					
Dimensions:		' (Entire Apron	A3)				
FAA Pavemen			i i	Gear - 40) kips		
Element Ident	_	•		ear - 65 l			
		Thicknes	s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	2-3	250		0.35	
	AB	6	6	40		0.35	_
	ASB		-				
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:			Y DEL			
Rehabilitation	Record:	Date	MANUAL PROPERTY.		Туре		THE REAL PROPERTY.
		1999					
		2013	Mill and Fill - 2"	AC			
Pavement Cor			face, 25' Joints in				
			urface delamina			l fill. Delamina	ated AC was
removed and 2	of AC was	placed on top o	of existing AB / of	grindings	mix.		
Weathering - L	ight	No Pavelling I	Putting or Shovi	200		·····	0011 DOL 40
vveathering - L	.igrit	Pavement Rati	Rutting or Shovi	ig			2011 PCI = 40 2013 PCI = 95
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atique A	nalveie		ARFIELD
Traffic Index	110111111111111111111111111111111111111	ino Anaryoro	N N		N1	N	N1
	Plate Deflecti	on - 20 K Load			55 (55)	40 - 55 (55)	40 - 55 (55)
		ing Life - Years	46		46	21	21
Pavement Struc	cture Estimate	Year of Failure	2057		057	2032	2032
Recommende	d Rehabilita	ition:					
	Rehab.						The second section
Date	Code			Descri	ption		
2021	D		Remo	ve AC an	d Reconstr	uct	
2034	F, H		Saw & S	Seal New	Joints, Fog	Seal	
·							
		·					
Domorko:	See EMD T	oot Data Com	omifau Testi -	antion -		·	
Remarks:			nary for Test Loc		Granha A	nnondiy D	
			e for section - Sondix D. For Ref				9 2 2
	TOT TRAINET	ildex see Ahbe	TUIX D. FUI MEI	iaviiilallo	ii Code se	e rabies 3-1	α J-J.

TABLE	NO. C51 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:	1 .	& 6, 2011 013 Update
Element:	Apron A3						
Station:	Row a, b, n	, o					
Dimensions:	200' x 1000	' (Entire Apron	A3)				
FAA Pavemer			· ·	Gear - 40) kips		
Element Ident	ification (Fo	orm 5335-1):		ear - 65 l			
Control Lance Control		Thicknes	s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	2-3	250		0.35	
	AB	6	6	30		0.35	
	ASB		-				
	Subgrade	48	48	10		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:			Earl Tool N			
Rehabilitation	Record:	Date	NAME OF TAXABLE PARTY.		Туре	RATE OF THE REAL PROPERTY.	
		1999					
		2013	Mill and Fill - 2"	AC			
Pavement Co			face, 25' Joints in				
			urface delamina			till. Delamina	ated AC was
removed and 2	of AC was	placed on top o	of existing AB / g	grindings	mıx.		
Weathering - L	ight	No Povelling F	Putting or Chavin	200			2011 PCI = 40
weathering - L	.igrit	Pavement Rati	Rutting or Shovi	ig			2011 PCI = 40 2013 PCI = 95
2011 Pavement	Remaining I		Brandley - F	atiquo A	nalveie		ARFIELD
Traffic Index	Tiemaning L	ile Allalysis	N		N1	N N	N1
	Plate Deflecti	on - 20 K Load			70 (70)	55 - 70 (70)	55 - 70 (70)
		ing Life - Years	24		24	2	2
Pavement Strue	cture Estimate	Year of Failure	2035		035	2013	2013
Recommende	d Rehabilita	ition:				2010	2010
Hamilton Hamilton	Rehab.				146157		
Date	Code			Descri	ption		
2021	D		Remo		d Reconstr	uct	
2034	F, H		Saw & S	Seal New	Joints, Fog	Seal	
							·
Remarks:			nary for Test Loc				
			e for section - Se				
	For Traffic I	naex see Appe	ndix D. For Reh	abilitatio	n Code se	e Lables 3-1	& 3-3.

TABLE	NO. C52 - P.	AVEMENT CO	NDITION SURV	EY AND			
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A4						
Station:	Row n, o						
Dimensions:	300' x 1000	' (Entire Apron	A4)				-
FAA Pavemen	 		· ·	Gear - 30) kins		
Element ident			, contigue	<u></u>	, mpo		
			s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						· · · · ·
Section:	AC	3	3	250		0.35	
	AB	6	6	70		0.35	
	ASB		-				
	Subgrade	48	48	20		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:	1965					
Rehabilitation	Record:	Date	a specification a		Туре		
		1999					
Pavement Cor			5' - 0.5" to 2" - Mo				Sealed
			rate-Severe Blo				
			Corner Cracks				
			ed in this descrip				
Weathering - S	severe	Ravelling - Mod		Rutting c	or Shoving		2011 PCI = 37
2011 Boyoment	Pomoining I	Pavement Rati	ng = Very Poor Brandley - F	ations A	nalusia I		2013 PCI = 23
Traffic Index	Remaining L	lie Analysis		T			ARFIELD
	Plate Deflect	on - 20 K Load	N <40 (40)		N1 0 (40)	N <40 (40)	N1 <40 (40)
		ing Life - Years	75		75	114	114
		Year of Failure	2086		086	2125	2125
Recommende			2000		000 1	2120	2123
	Rehab.					EVENER - NE	
Date	Code			Descri	ption		
2014	D	**	Remo		d Reconstru	ıct	
2028	F, H		Saw & S	Seal New	Joints, Fog	Seal	
Remarks:			nary for Test Loc				
			e for section - Se				
	For Traffic I	ndex see Appe	ndix D. For Reh	nabilitatio	n Code se	e Lables 3-1	& 3-3.

TABLE	NO. C53 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Apron A4						
Station:	Row n, o					_	
Dimensions:	300' x 1000	' (Entire Apron	A4)				
FAA Pavemen	t Strength	Survey -	A7 Single	Gear - 30) kips		
Element Ident	tification (Fo						
		Thicknes	s - inches	E	ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC				- 		
Section:	AC	3	3	250		0.35	
ı	AB	6	6	40		0.35	
	ASB		-				
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construe	cted:	1965					
Rehabilitation	ion Record: Date Type						
	1999						
Pavement Cor	ndition:	Jointed - 25' x 25	5' - 0.5" to 2" - Mo	derate Se	condary Cr	acks at Joints -	Sealed
Slurry Seal Ra	velling/Delar	ninating. Mode	rate-Severe Blo	ck Crack	ing - 80%	Apron.	,
			Corner Cracks				
			ed in this descrip	tion, nev	v construc	tion)	
Weathering - S	Severe	Ravelling - Mod		Rutting o	r Shoving		2011 PCI = 37
		Pavement Rati	ng = Very Poor				2013 PCI = 23
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD
Traffic Index			N		V1	N	N1
		on - 20 K Load			55 (55)	40 - 55 (55)	40 - 55 (55)
		ing Life - Years	46		46	21	21
		Year of Failure	2057	20	057	2032	2032
Recommende		ition:				· · · · · · · · · · · · · · · · · · ·	
Dete	Rehab.						
Date	Code			Descri			
2014	D				d Reconstr		·
2028	F, H		Saw & S	beal New	Joints, Fog	Seal	
						·	-
Remarks:	See FWD T	est Data Summ	nary for Test Loc	cations			
			e for section - Se		Granhe A	nnendiy R	
			ndix D. For Reh				& 3-3
	1 Of Hallio	Hack ace Whhel	TOTAL	iabilitatiO	11 Oode Se	C 1 anies 3-1	u 0-0.

TABLE	NO. C54 - P.	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:	1 .	& 6, 2011 013 Update	
Element:	Apron A4							
Station:	Row n, o							
Dimensions:	300' x 1000	' (Entire Apron	A4)					
FAA Pavemen				Gear - 30) kins	-		
Element ident			, og.c					
		Thicknes	s - inches	F	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	6	6	23		0.35		
	ASB		-					
	Subgrade	48	48	15		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	cted:	1965						
Rehabilitation	abilitation Record: Date Type							
	1999							
Pavement Cor			5' - 0.5" to 2" - Mo				Sealed	
			rate-Severe Blo					
			Corner Cracks					
			ed in this descrip				0044 DOL 07	
Weathering - S	evere	Ravelling - Mod		Hulling C	r Shoving		2011 PCI = 37	
2011 Pavement	Remaining I	ife Analysis	ng = Very Poor Brandley - F	atique A	nalveie		2013 PCI = 23 ARFIELD	
Traffic Index	nemaining L	ile Allalysis	N		V1	N N	N1	
	Plate Deflecti	ion - 20 K Load			65 (65)	56 - 65 (65)	56 - 65 (65)	
		ing Life - Years	39		39	13	13	
Pavement Struc	cture Estimate	Year of Failure	2050	2	050	2024	2024	
Recommende	d Rehabilita	ation:					· · · · · · · · · · · · · · · · · · ·	
	Rehab.				Bayrist.			
Date	Code			Descri	ption			
2014	D		Remo	ve AC an	d Reconstr	uct		
2028	F, H		Saw & S	Seal New	Joints, Fog	Seal		
			<u> </u>					
<u> </u>	20							
Remarks:	See FWD T	est Data Summ	nary for Test Loc	ations				
			e for section - Se		Graphs, A	ppendix B	- -	
			ndix D. For Reh				& 3-3.	

TABLE N	O. C55 - P.	AVEMENT CON	NDITION SURV	EY AND	REHABIL	ITATION SCH	HEDULE
Airport:		Truckee-Tahoe Airport Date of Survey: May 5 & 6, 201 Survey: October 2013 Upon					
Element:	South Jet A	pron			_		
Station:	Taxilane R	Sta. 16+00 - 20	+00				
Dimensions:	160' x 540'						
FAA Pavement	_	•	A8 Single	Gear - 70) kips		
Element Identif	fication (Fo				1		
			s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
- J	PFC						
	PCC						
	AC	4	4	250		0.35	
F	AB	6	6	30		0.35	
<u> </u>	ASB		**				
	Subgrade	48	48	10		0.35	
-	Sub-soil	S.I.	S.I.	25		0.35	
Date Construct							
Rehabilitation	Record:	Date			Туре		STREET, DE
		1991					
Pavement Con		No Joints, Slur					
Cracks - Block (ttern.			
- Alligato	r Cracking	- Moderate- 20%	% of Apron				
144		N 5 W 6		***			
Weathering - Mo	oderate		hoving, or Rave	lling			2011 PCI = 55
0044 D		Pavement Rati					2013 PCI = 30
2011 Pavement F	Remaining L	ife Analysis	Brandley - F				ARFIELD
Traffic Index	-4- D-fl4	00 1/ 11	Q 50.60.(60)		Q1	Q = CO (CO)	Q1
FWD Center PI Pavement Struc			50-60 (60)	50-6	0 (60)	50-60 (60)	50-60 (60)
Pavement Struct		_	10		24.0	8.0	0.4
Recommended			2021	20	018	2012	2011
recommenueu	Rehab.	itiOII.					
Date	Code			Descri	ntion		
2015	D		Pomo		d Reconstr	uet	
2028	F, H				Joints, Fog		
2020	1,11		Jaw & C	Jeal NEW	oomia, rog	Jeal	
					-		
	-						
Remarks:	See FWD T	est Data Summ	nary for Test Lo	cations			
·			for section - S		Graphs, A	ppendix B	
			ndix D. For Reh				& 3-3.

TABLE	NO. C56 - P	AVEMENT COI	NDITION SURV	EY AND			
Airport:		Truckee-Tah	oe Airport		Date of Survey:	•	& 6, 2011 013 Update
Element:	Hangars A-	Н					
Station:	Taxilane R						
Dimensions:	65' x 1250'						
FAA Pavemen	t Strength S	Survey -	None				
Element Ident	ification (Fo						
			s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC					=	
Section:	AC	3	3	250		0.35	
	AB	8	8	30		0.35	
	ASB		0				
	Subgrade	48	48	11		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	Particular Control of the Control of						
Rehabilitation	Record:	Date			Туре		
		1994		_			
		2011, 2012	AC Patch Repa	ıir _			
D	1141	<u> </u>					
Pavement Cor		No Joints, Slurry		1.40	W		
	itudinal - Fe	erate (40 @ 25			:" to 18" wid s - 50'x1'	de Patches	
<u></u>					5 - 50 X I		
Weathering - L			king on 50% of t Iling, or Shoving				2011 PCI = 59
weathering - L	ignt N	Pavement Rati		j			2011 PCI = 39 2013 PCI = 45
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atique A	nalvsis I		ARFIELD
Traffic Index	<u> </u>		0		01	0	01
	Plate Deflect	ion - 20 K Load	50-62 (62)	50-6	62 (62)	50-62 (62)	50-62 (62)
Pavement Stru	cture Remain	ing Life - Years	52		47	27	23
Pavement Struc	cture Estimate	Year of Failure	2063	2	058	2038	2034
Recommende	-	ation:					
	Rehab.					ince little	
Date	Code			Descri	•	Here a selle	
2019	Α			Recon	struct		
					 		
			=				
Remarks:	Station has	ed on Sta O loc	ated at Taxiway	G edge	and proce	eding West	
			e for section - Se		·		
			ndix D. For Rel				& 3-3.

TABLE	NO. C57 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Hangars A-	Н					·	
Station:	Taxilane R			· · · ·				
Dimensions:	65' x 1250'							
FAA Pavemen	t Strength	Survey -	None		·			
Element ident	ification (Fo	orm 5335-1):						
		Thicknes	s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC		· · · ·				•	
Section:	AC	3	3	250		0.35		
	AB	8	8	30		0.35		
	ASB		0					
	Subgrade	48	48	9		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	ted:			AP LOS				
Rehabilitation	Record:	Date			Type			
		1994						
		2011, 2012	AC Patch Repa	ir				
				•			···	
Pavement Cor		No Joints, Slurry						
		erate (40 @ 25'				de Patches		
	itudinal - Fe			k Cracks	- 50'x1'			
			ing on 50% of the			·		
Weathering - L	ight No		lling, or Shoving				2011 PCI = 59	
0011 D	<u> </u>	Pavement Rati					2013 PCI = 45	
	Remaining L	.ite Analysis	Brandley - F				ARFIELD	
Traffic Index	Note Deflecti	on - 20 K Load	O 65-72 (71)		D1	O 65 70 (71)	O1	
		ing Life - Years	41		2 (71) 36	65-72 (71) 12	65-72 (71)	
		Year of Failure	2052		047	2023	11	
Recommende			2032		J41	2023	2022	
	Rehab.	Euroria en				-05000	-W	
Date	Code			Descri	ption			
2019	А			Recons				
			·					
Remarks:			ated at Taxiway					
			for section - Se					
	For Traffic I	ndex see Appei	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.	

TABLE	NO. C58 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	Truckee-Tahoe Airport Date of Survey: May 5 & 6, 2011 Survey: October 2013 Upda					
Element:	Hangars A-	Н						
Station:	Row West	A - Taxilane W	est of Hangar A					
Dimensions:								
FAA Pavemen	_	•	None					
Element Ident	itication (Fo		s - inches		1!			
					ksi	μ	Remarks	
Eviation	DEC	2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC			070				
Section:	AC	3	3	250		0.35		
	AB	6	6	70		0.35		
	ASB		-					
	Subgrade	48	48	20		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc						<u> </u>		
Rehabilitation	Record:	Date Type						
		2001						
		2013	Add Suppleme	ntal Joint	s, Rehab I	Exist. Joints. (Tape)	
Pavement Cor	ndition:	Jointed 12.5'x1	2.5' - 1" & 3/8"	- Some S	Secondary	Cracking - Se	ealed	
		AC at Concrete			, , , , , , , , , , , , , , , , , , ,	O.C.O.		
Slurry Sealed								
Weathering - L	ight		·					
No Rutting, Sh		elling.				·	2011 PCI = 75	
		Pavement Rati	ng = Very Good				2013 PCI = 73	
2011 Pavement	Remaining L	ife Analysis	Brandley - F		nalysis		ARFIELD	
Traffic Index			Р	T T	21	Р	P1	
		on - 20 K Load	42-81 (70)	42-8	1 (70)	42-81 (70)	42-81 (70)	
		ing Life - Years	28		28	6	6	
Pavement Struc	ture Estimate	Year of Failure	2039	20	039	2017	2017	
Recommende		ition:						
	Rehab.							
Date	Code			Descri		المناه المالين		
2018	G				Cracks and			
2024	G, H		Crack Repair,					
2030	D		Remo	ve AC an	d Reconstru	uct		
Remarks:	Station has	nd on Sta Alaa	atad at South F	nd of the	Honger	low prosection	a North	
nemarks:			ated at South E for section - S				y North.	
	I AAD GOED I	rus mean value				e Tables 3-1		

TABLE	NO. C59 - P	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE		
Airport:		Truckee-Tah	ruckee-Tahoe Airport Date of Survey: May 5 & 6, 2011 Survey: October 2013 Update						
Element:	Hangars A-	Н							
Station:	Row East A	\ - Taxilane Ea	st of Hangar A						
Dimensions:	60' x 560'								
FAA Pavemen	_	•	None						
Element ident	ification (F								
			s - inches	E	ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC				i.				
Section:	AC	3	3	250		0.35			
	AB	6	6	20		0.35			
	ASB		-						
	Subgrade	48	48	10		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:								
Rehabilitation	Record:	Record: Date Type							
	2001								
		2013	Add Suppleme	ntal Joint	s, Rehab	Exist. Joints. (Tape)		
Pavement Cor			2.5' - 1" & 3/8"			Cracking - Se	ealed		
Cracks - Long.	Crack Appr	ox 4" from edge	of pavement a	longside	ditch.				
Slurry Sealed									
Weathering - L									
No Rutting, Sh	oving or Rav	velling.					2011 PCI = 75		
		Pavement Rati	ng = Very Good				2013 PCI = 73		
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD		
Traffic Index			Р		21	P	P1		
		ion - 20 K Load	70-92 (80)	70-9	2 (80)	70-92 (80)	70-92 (80)		
		ing Life - Years	24		24	4	4		
		Year of Failure	2035	20	035	2015	2015		
Recommende		ation:							
	Rehab.			TENTE,					
Date	Code	Back to the Back t		Descri					
2018	G				Cracks and				
2024	G, H		Crack Repair,						
2030	D		Hemo	ve AC an	d Reconstr	uct			
									
Remarks:	Station has	ed on Sta Allea	ated at South E	nd of the	Hangar F	low proceeding	a North		
i icilidi kə.			ated at South E for section - S				ig ivortii.		
			ndix D. For Rel				8. 2. 2		
	TOI HAIRET	Haey see Whhe	HUIX D. FUI MEI	iaviiitatio	ii Code Se	E Tables 3-1	α υ-υ.		

Element: Hangars A-H	TABLE	NO. C60 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Station: Row West B - Taxilane West of Hangar B	Airport:		Truckee-Tah	Truckee-Tanoe Airbort					
Dimensions: 60' x 560'	Element:	Hangars A-	Н						
None Steep	Station:	Row West I	B - Taxilane W	est of Hangar B					
Thickness - inches	Dimensions:	60' x 560'							
Thickness - inches		_	-	None					
Proc PCC	Element Identi	ification (Fo							
PFC							μ	Remarks	
Pavement Section: AC			2011	2013	2011	2013			
AC 3 3 250 0.35 AB 6 6 70 0.35 ASB -								T-V	
AB		A STATE OF THE STA							
ASB	Section:						0.35		
Subgrade 48			6	6	70		0.35		
Sub-soil S.I. S.I. 25 0.35				-					
Date Constructed: Rehabilitation Record: Date Type		Subgrade	48	48	20		0.35		
Date Type			S.I.	S.I.	25		0.35		
Pavement Condition: Jointed 12.5'x12.5' - 1" & 3/8" - Some Secondary Cracking - Sealed Cracks - Long. Crack Approx 4" from edge of pavement alongside ditch. Slurry Sealed Weathering - Light No Rutting, Shoving or Ravelling. Pavement Rating = Good 2011 F Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFI Traffic Index P P1 P1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure 2039 2039 2017 2018 Recommended Rehabilitation: Rehab. Code Description 2018 Crack Repair, Seal Cracks and Joints, Fog Seal 2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor	Date Construc	ted:							
Pavement Condition: Jointed 12.5'x12.5' - 1" & 3/8" - Some Secondary Cracking - Sealed Cracks - Long. Crack Approx 4" from edge of pavement alongside ditch. Slurry Sealed Weathering - Light No Rutting, Shoving or Ravelling. Pavement Remaining Life Analysis Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFI Traffic Index P P1 P FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure Pavement Structure Estimate Year of Failure Pavement Rehabilitation: Rehab. Date Code Description 2018 G Crack Repair, Seal Cracks and Joints, Fog Seal Pavemove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor	Rehabilitation	Record: Date Type							
Pavement Condition: Jointed 12.5'x12.5' - 1" & 3/8" - Some Secondary Cracking - Sealed Cracks - Long. Crack Approx 4" from edge of pavement alongside ditch. Slurry Sealed Weathering - Light No Rutting, Shoving or Ravelling. Pavement Rating = Good 2013 F 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFI Traffic Index P P1 P FWD Center Plate Deflection - 20 K Load 58-81 (70) 58-		2001							
Cracks - Long. Crack Approx 4" from edge of pavement alongside ditch. Slurry Sealed Weathering - Light No Rutting, Shoving or Ravelling. Pavement Rating = Good 2013 F Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFII Traffic Index P P1 P1 PWD Center Plate Deflection - 20 K Load 58-81 (70) 58-8		2013 Add Supplemental Joints, Rehab Exist. Joints. (Tape)							
Cracks - Long. Crack Approx 4" from edge of pavement alongside ditch. Slurry Sealed Weathering - Light No Rutting, Shoving or Ravelling. Pavement Rating = Good 2013 F Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFII Traffic Index P P1 P1 PWD Center Plate Deflection - 20 K Load 58-81 (70) 58-8									
Slurry Sealed Weathering - Light							Cracking - Se	ealed	
No Rutting, Shoving or Ravelling. 2011 F		Crack Appre	ox 4" from edge	e of pavement a	longside	ditch.			
No Rutting, Shoving or Ravelling. Pavement Rating = Good 2013 F 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFII Traffic Index P P1 P1 FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure 2039 2039 2017 2018 Recommended Rehabilitation: Rehab. Code Description 2018 G Crack Repair, Seal Cracks and Joints 2024 G, H Crack Repair, Seal Cracks and Joints, Fog Seal 2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor									
Pavement Rating = Good 2013 F 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFI Traffic Index P P1 P FWD Center Plate Deflection - 20 K Load 58-81 (70) 58									
Traffic Index P FWD Center Plate Deflection - 20 K Load Pavement Structure Remaining Life - Years Pavement Structure Estimate Year of Failure Pate Code Pate	No Rutting, Sho	oving or Rav						2011 PCI = 63	
Traffic Index			Pavement Rati					2013 PCI = 70	
FWD Center Plate Deflection - 20 K Load 58-81 (70) 58-8		Remaining L	ife Analysis					ARFIELD	
Pavement Structure Remaining Life - Years 28 28 6 Pavement Structure Estimate Year of Failure 2039 2039 2017 2 Recommended Rehabilitation: Rehab. Code Description				· ·				P1	
Pavement Structure Estimate Year of Failure 2039 2039 2017 2 Recommended Rehabilitation: Rehab. Description				·				58-81 (70)	
Recommended Rehabilitation: Rehab. Description			<u> </u>					6	
Rehab. Code Description				2039	20)39	2017	2017	
Date Code Description 2018 G Crack Repair, Seal Cracks and Joints 2024 G, H Crack Repair, Seal Cracks and Joints, Fog Seal 2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor	necommende		ition:						
2018 G Crack Repair, Seal Cracks and Joints 2024 G, H Crack Repair, Seal Cracks and Joints, Fog Seal 2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor	Deta	Education of the State of the S			D				
2024 G, H Crack Repair, Seal Cracks and Joints, Fog Seal 2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor				0 1 0			1		
2030 D Remove AC and Reconstruct Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor									
Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding Nor				·					
	2030	U		Hemo	ve AC an	u neconstr	ucl		
	Remarks:	Station has	ed on Sta O loc	ated at South F	nd of the	Hangar F	low proceeding	na North	
I TE GOOD TOO HOUD VARANTAL ARABAT VALLET AND A CONTROL OF TAXABLE VALLET AND A CONTROL OF TAXABLE VALLET AND A							<u> </u>	19 1401011.	
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								& 3-3	

TABLE N	NO. C61 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE	
Airport:		Truckee-Tah	ruckee-Tahoe Airport Date of Survey: May 5 & 6, 2011 Survey: October 2013 Update					
Element:	Hangars A-	Н						
Station:	Row BC - ⁻	Taxilane Betwe	en Hangars B &	С				
Dimensions:								
FAA Pavement			None					
Element Identi	Tication (Fo							
			s - inches		ksi	μ	Remarks	
Estation I	DEC	2011	2013	2011	2013			
	PFC							
	PCC			0=0				
	AC	3	3	250		0.35		
ļ	AB	6	6	70		0.35		
	ASB		-					
	Subgrade	48	48	20		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc								
Rehabilitation	Record:							
		1999						
		2013	Add Suppleme	ntal Joint	s, Rehab	<u> Exist. Joints. (</u>	Tape)	
D	-1141	1.1 140 51 4	0.51 411.0.0/011	0 0				
Pavement Con			2.5' - 1" & 3/8"				aled	
Cracks - 20 cor								
Slurry Sealed -		by plows.	BIOCK	Cracks -	3'x2' area			
Weathering - Li No Rutting, Sho		rolling			- 181 0.5		0011 DOL 60	
No Hulling, She	oving or hav	Pavement Rati	ng – Good				2011 PCI = 63	
2011 Pavement	Remaining I	ife Analysis	Brandley - F	atique A	nalveie		2013 PCI = 65 ARFIELD	
Traffic Index	i tomaning L	ile Analysis	P		P1	P P	P1	
	late Deflecti	on - 20 K Load	39-75 (70)		5 (70)	39-75 (70)	39-75 (70)	
Pavement Struc	ture Remain	ing Life - Years	28		28	6	6	
Pavement Struc			2039		039	2017	2017	
Recommended	d Rehabilita	ition:				2017	2011	
	Rehab.	N. W.						
Date	Code			Descri	ption			
2018	G		Crack Re		Cracks and	Joints		
2024	G, H		Crack Repair,					
2030	D				d Reconstr			
Remarks:		ed on Sta. 0 loc	ated at South E	nd of the	Hangar F	Row proceedin	g North.	
			e for section - S	·			-	
			ndix D. For Ref				& 3-3.	

		CAPID EXAME E			Date of	May 5	& 6, 2011		
Airport:	-	Truckee-Tah	oe Airport		Survey:		013 Update		
Element:	Hangars A-	Н							
Station:	Row CD -	Taxilane Betwe	en Hangars C 8	ι D					
Dimensions:	75' x 560'								
FAA Pavemen	_	•	None						
Element Ident	ification (Fo								
			s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	250		0.35			
	AB	6	6	70		0.35			
	ASB	•	-						
	Subgrade	48	48	20		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	ted:								
Rehabilitation	Record:	Date Type							
		1999							
		2012	AC Patch Repa	air		(V			
Pavement Cor	ndition:	No Joints. Con	crete Slot Drain	•					
		ght-Moderate Lo							
Patches - Seve			ved AC along ea	ast side l	Hangar C	2'x20' @ 5' C	o.C.)		
Weathering - L									
No Rutting, Sh	oving or Rav						2011 PCI = 61		
		Pavement Rati					2013 PCI = 57		
2011 Pavement	Remaining L	ite Analysis	Brandley - F	1			ARFIELD		
Traffic Index	Nata Daffaati	00 1/1	P		P1	P	P1		
		on - 20 K Load ing Life - Years			00 (70)	55-90 (70)	55-90 (70)		
		Year of Failure	28	 	28	6	6		
Recommende			2039	1 2	039	2017	2017		
recommende	Rehabilita	ttioff.		Part of the	S. Sign - 1 III S				
Date	Code			Descri	ntion				
2017	D		Remo		d Reconstr	uct			
2028	F				New Joints	401			
2033	G				I Cracks &	Joints			
		<u> </u>	2.001111						
									
Remarks:			ated at South E				ng North.		
	FWD used	was mean value	e for section - S	ee FWD	Graphs, A	ppendix B			
	For Traffic I	ndex see Appe	ndiy D. For Rel	ahilitatio	n Code se	a Tables 3-1	8 3 3		

Airport:		Truckee-Tah	oe Airport		Date of		& 6, 2011 2013 Update	
Element:	Hangars A-	————— Н			Survey:	October 2	2013 Opuale	
Station:			Between Hang	are D & I				
Dimensions:	<u> </u>	est) - Taxilane	Detween hang	a13 D & 1	-			
FAA Pavemer		Survey -	None					
Element Ident	_	•	None					
			s - inches	E	ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	6	6	30		0.35	Cement Treated	
	ASB		-					
	Subgrade	48	48	15		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Constru					Em V			
Rehabilitation	Record:	Date			Type			
		1982, 2012 2012, Remove and Replace AC on top of Existing CTB						
Pavement Co		No Ininto Con	crete Slot Drain					
Pavement Co	nation:	NO JOINES. CON	crete Slot Drain	•				
	<u> </u>							
VA (= + t)= = ut = = = -1								
vveatnering - L	iaht							
		oving.					2011 PCI = 57	
No Ravelling, I	Rutting or Sh	Pavement Rati	ng = Excellent				2011 PCI = 57 2013 PCI = 95	
	Rutting or Sh	Pavement Rati	ng = Excellent Brandley - F	atigue A	nalysis	FAA - F.	2011 PCI = 57 2013 PCI = 95 AARFIELD	
No Ravelling, I	Rutting or Sh	Pavement Rati	Brandley - F P		nalysis	FAA - F.	2013 PCI = 95	
No Ravelling, I 2011 Pavement Traffic Index FWD Center F	Rutting or Share Remaining L	Pavement Rati Life Analysis on - 20 K Load	Brandley - F				2013 PCI = 95 AARFIELD	
No Ravelling, I 2011 Pavement Traffic Index FWD Center F Pavement Stru	Rutting or Shanning Late Deflections	Pavement Rati Life Analysis on - 20 K Load ing Life - Years	Brandley - F P	40-6	21	Р	2013 PCI = 95 AARFIELD P1	
2011 Pavement Traffic Index FWD Center F Pavement Strue	Rutting or Share Remaining Least Deflection Remain Course Estimate	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60)	40-6	P1 0 (60)	P 40-60 (60)	2013 PCI = 95 AARFIELD P1 40-60 (60)	
No Ravelling, I 2011 Pavement Traffic Index FWD Center F Pavement Stru	Rutting or Share Remaining Leader Deflect lecture Remain cture Estimated Rehabilita	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47	40-6	P1 0 (60) 47	P 40-60 (60) 35	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
2011 Pavement Traffic Index FWD Center F Pavement Strue Pavement Strue Recommende	Rutting or Share Remaining Leader Deflection Remaining Leader Estimated Rehabilitation Rehab.	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47	40-6	P1 0 (60) 47 058	P 40-60 (60) 35	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date	Rutting or Share Deflection Remaining Loture Remaining ture Estimated Rehabilita Rehab. Code	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6	P1 00 (60) 47 058 ption	P 40-60 (60) 35 2046	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center F Pavement Struct Pavement Stru	Rutting or Share Remaining Leader Deflection Remaining Leader Remaining Course Estimated Rehabilitation Rehab. Code F, H	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6 20 Descri	P1 0 (60) 47 058 ption Joints, Fog	P 40-60 (60) 35 2046 Seal	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date	Rutting or Share Deflection Remaining Loture Remaining ture Estimated Rehabilita Rehab. Code	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6 20 Descri	P1 00 (60) 47 058 ption	P 40-60 (60) 35 2046 Seal	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center F Pavement Struct Pavement Struct Recommende Date 2026	Rutting or Share Remaining Leader Deflection Remaining Leader Remaining Course Estimated Rehabilitation Rehab. Code F, H	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6 20 Descri	P1 0 (60) 47 058 ption Joints, Fog	P 40-60 (60) 35 2046 Seal	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date 2026	Rutting or Share Remaining Leader Deflection Remaining Leader Remaining Course Estimated Rehabilitation Rehab. Code F, H	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6 20 Descri	P1 0 (60) 47 058 ption Joints, Fog	P 40-60 (60) 35 2046 Seal	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date 2026	Rutting or Share Remaining Leader Deflection Remaining Leader Remaining Course Estimated Rehabilitation Rehab. Code F, H	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Year of Failure	Brandley - F P 40-60 (60) 47 2058	40-6 20 Descri	P1 0 (60) 47 058 ption Joints, Fog	P 40-60 (60) 35 2046 Seal	2013 PCI = 95 AARFIELD P1 40-60 (60) 35	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date 2026 2031	Rutting or Share Remaining Late Deflect Incture Remaining Later Estimate Carlo Rehabilita Rehab. Code F, H G	Pavement Rati Life Analysis On - 20 K Load ing Life - Years e Year of Failure ation:	Brandley - F P 40-60 (60) 47 2058	Descri Seal New epair, Sea	P1 00 (60) 47 058 ption Joints, Fog I Cracks &	P 40-60 (60) 35 2046 Seal Joints	2013 PCI = 95 AARFIELD P1 40-60 (60) 35 2046	
No Ravelling, I 2011 Pavement Traffic Index FWD Center I Pavement Struct Pavement Struct Recommende Date 2026	Rutting or Sharper Remaining Leaves Deflect Cure Remain Cure Estimate Rehab. Code F, H G Station base	Pavement Rati Life Analysis On - 20 K Load ing Life - Years Pear of Failure Ation: ed on Sta. 0 loc	Brandley - F P 40-60 (60) 47 2058 Saw & S Crack Re	Descri Geal New epair, Sea	P1 0 (60) 47 058 ption Joints, Fog I Cracks &	P 40-60 (60) 35 2046 Seal Joints	2013 PCI = 95 AARFIELD P1 40-60 (60) 35 2046	

TABLE N	IO. C63b - F	PAVEMENT CO	NDITION SUR	EY AND	REHABII	LITATION SC	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Hangars A-	H					
Station:	Row DE (E	ast) - Taxilane	Between Hanga	rs D & E			
Dimensions:	37.5' x 560'						
FAA Pavemen	_	•	None				
Element Ident	ification (Fo						
			s - inches		ksi	μ	Remarks
		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3	250		0.35	
	AB	6	6	30		0.35	
	ASB		-				
	Subgrade	48	48	15		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	ted:						
Rehabilitation	Record:	Date			Туре		
		1982					
		2011, 2012	AC Patch Repa	ir			
		=					
Pavement Cor			crete Slot Drain				
		<u> Fransverse - Mo</u>	derate-Severe	<u>(28@25',</u>	2@500')		
Seal Coat - Ra							
Weathering - M							
No Rutting or S	shoving.	D					2011 PCI = 57
0011 Davement	Domestic	Pavement Rati		- 11 A			2013 PCI = 52
2011 Pavement	Remaining L	ite Analysis	Brandley - F				ARFIELD
Traffic Index	Note Deflect	ion 00 K Lood	<u> </u>		P1 60 (60)	P 40-60 (60)	P1 40-60 (60)
		ion - 20 K Load ing Life - Years	47		47	35	35
		Year of Failure	2058		058	2046	2046
Recommende			2036		056	2040	2046
necommende	Rehab.	tion.		Section 2 les	e distant		
Date	Code			Descri	ntion		
2017	D		Remo		d Reconstr	uct	
2028	F				New Joints		-
2033	G						
	- Crack Hopan, Coal Clacks & Conto						
Remarks:	Station base	ed on Sta. 0 loc	ated at South E	nd of the	Hangar F	low proceedir	g North.
FWD used was mean value for section - See FWD Graphs, Appendix B							
	For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.						

TABLE	NO. C64 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	oe Airport		Date of May 5 & 6, 2011 Survey: October 2013 Update		
Element:	Hangars A-	Н	-				
Station:	Row EF -	Taxilane Betwee	en Hangars E &	F			
Dimensions:	75' x 560'						
FAA Pavemer	_	-	None				
Element Ident	tification (Fe						
			s - inches		ksi	μ	Remarks
Hard-Land Control		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	3	3	250		0.35	
	AB	6	6-18	70		0.35	
	ASB		-				
	Subgrade	48	48	20		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Constructed:							
Rehabilitation	Record:	Date			Туре		
		1982, 2012	2012 Remove	AC & Red	construct		
				17			
Pavement Co	ndition:	No Joints. Con	crete Slot Drain	•			
Cracks - None							
		ıg out 18-24" ar	nd baserock pla	ced in thi	s area.		
Weathering - L	_==					_	
No Ravelling, F	Rutting or Sh		- " .				2011 PCI = 84
0044 D	D	Pavement Rati					2013 PCI = 95
2011 Pavement	Remaining L	ite Analysis	Brandley - F	т —			ARFIELD
Traffic Index	Plata Deflect	on 00 K I and	P 40-75 (70)		P1 '5 (70)	P 40-75 (70)	P1 40-75 (70)
Pavement Stru	cture Bemain	on - 20 K Load ing Life - Years	28		28	6	6
		Year of Failure	2039				
Recommende			2039		039	2017	2017
necommende	Rehab.	ttiori.	alternation to the				
Date	Code	Manufacture & M		Descri	ntion		
2026	F, H		Saw &			Seal	
2031	G	Saw & Seal New Joints, Fog Seal Crack Repair, Seal Cracks & Joints					
	Orack nepair, Sear Gracks & Joints						
Remarks:	Station based on Sta. 0 located at South End of the Hangar Row proceeding North.						
FWD used was mean value for section - See FWD Graphs, Appendix B							
	For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.						

IADLE	10. 000 - P.	MACIAICIAI COI	NDITION SURV	LI AND				
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 013 Update	
Element:	Hangars A-	Н						
Station:	Row East F	- Taxilane Eas	st of Hangar F					
Dimensions:	60' x 560'							
FAA Pavemen	_	•	None					
Element Ident	ification (Fo							
			s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	6	6-18	30		0.35		
	ASB		-					
	Subgrade	48	48	15		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc			A STATE OF LAND					
Rehabilitation	Record:	Date			Туре			
		1986, 2012 2012 Remove AC & Reconstruct						
Pavement Co	ndition:	No Joints.						
Cracks - None								
		ig out 18-24" ar	nd baserock plac	ced in thi	s area.			
Weathering - L								
No Ravelling, F	Autting or Sn		ne Eveellent				2011 PCI = 81	
2011 Pavement	Pomoining I	Pavement Rati	Brandley - F	otique A	nalvoia		2013 PCI = 95 ARFIELD	
Traffic Index	nemaining L	lie Alidiysis	P Brandley - F		P1	P P		
	Plato Deflect	on - 20 K Load	·		58 (60)	40-58 (60)	P1 40-58 (60)	
		ing Life - Years	47	1	47	35	35	
***		Year of Failure	2058		058	2046	2046	
Recommende			2000		000	2040	2040	
	Rehab.		White he had a		gittle High			
Date	Code			Descri	iption			
2026	F, H		Saw & S		Joints, Fog	Seal		
2031	G				l Cracks &			
_								
Remarks:			ated at South E				g North.	
			e for section - S					
	For Traffic I	ndex see Appe	ndix D. For Rel	nabilitatio	n Code se	e Tables 3-1	& 3-3	

Pavement PFC	TABLE	NO. C66 - P	AVEMENT CON	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Station:	Airport:		Truckee-Tah	oe Airport				
Dimensions G0' x 560' FAA Pavement Strength Survey - Element Identification (Form 5335-1): Thickness - inches	Element:	Hangars A-	Н					
None Element Identification (Form 5335-1): Thickness - inches E ksi μ Remark Remark 2011 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014 2014 2014 2015	Station:	Row West	G - Taxilane W	est of Hangar C	à			
Thickness - Inches	Dimensions:	60' x 560'						
Thickness - inches	FAA Pavemen	t Strength S	Survey -	None				
Pavement PCC	Element Ident	tification (Fo						
PFC		Thicknes		s - inches	E	ksi	μ	Remarks
Pavement Section: AC			2011	2013	2011	2013		
AC 3 3 250 0.35 AB 6 6 20 0.35 ASB -	Existing	PFC						
AB	Pavement	PCC						
ASB	Section:	AC	3	3	250		0.35	
Subgrade		AB	6	6	20		0.35	
Sub-soil S.I. S.I. 25 0.35		ASB		-				
Date Constructed: Rehabilitation Record: Date Type 1986 2012 AC Patch Repair AC Patch Repair Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B		Subgrade	48	48	10		0.35	
Pavement Condition: No Joints.			S.I.	S.I.	25	- 	0.35	
1986	Date Construc	cted:				WHY FR	Burnish Ut	
1986	Rehabilitation	Record:	Date			Type	Water Bridge	
Pavement Condition: No Joints. Cracks - Longitudinal and Transverse - Some - Moderate. (15@25') Seal Coat - Slurry Sealed Patches - Several 12"-18" Patches Weathering - Moderate			1986					
Pavement Condition: No Joints. Cracks - Longitudinal and Transverse - Some - Moderate. (15@25') Seal Coat - Slurry Sealed Patches - Several 12"-18" Patches Weathering - Moderate			2012	AC Patch Repa	air			
Cracks - Longitudinal and Transverse - Some - Moderate. (15@25') Seal Coat - Slurry Sealed Patches - Several 12"-18" Patches Weathering - Moderate								
Seal Coat - Slurry Sealed Patches - Several 12"-18" Patches Weathering - Moderate	Pavement Co	ndition:	No Joints.					
Patches - Several 12"-18" Patches Weathering - Moderate No Rutting, Shoving, or Ravelling. 2011 PCI = Pavement Rating = Fair 2013 PCI = 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) Pavement Structure Remaining Life - Years 24 24 4 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab. Code Description 2015 D Remove AC and Reconstruct Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B	Cracks - Longi	tudinal and 1	ransverse - So	me - Moderate.	(15@25')		
Weathering - Moderate No Rutting, Shoving, or Ravelling. Pavement Rating = Fair 2013 PCI = 2011 Pavement Remaining Life Analysis Brandley - Fatigue Analysis FAA - FAARFIELD Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) Pavement Structure Remaining Life - Years 24 24 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab. Code Description 2015 D Remove AC and Reconstruct Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B								
Pavement Rating = Fair 2013 PCI =	Patches - Seve	eral 12"-18" l	Patches					
Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) Pavement Structure Remaining Life - Years 24 24 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab. Code Description 2015 D Remove AC and Reconstruct 2027 F Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B	Weathering - N	/loderate			Ravellin	g.		2011 PCI = 58
Traffic Index P P1 P1 P P1 FWD Center Plate Deflection - 20 K Load 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) Pavement Structure Remaining Life - Years 24 24 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab. Code Description			Pavement Rati	ng = Fair				2013 PCI = 50
FWD Center Plate Deflection - 20 K Load 58-80 (80) 58-80 (80) 58-80 (80) 58-80 (80) Pavement Structure Remaining Life - Years 24 24 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 2015 Pecommended Rehabilitation: Rehab.		Remaining L	ife Analysis	Brandley - F	atigue A	nalysis	FAA - FA	ARFIELD
Pavement Structure Remaining Life - Years 24 24 4 4 4 4 Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab.						·	<u> </u>	
Pavement Structure Estimate Year of Failure 2035 2035 2015 2015 Recommended Rehabilitation: Rehab.						, ,	58-80 (80)	58-80 (80)
Rehab. Date Code Description 2015 D Remove AC and Reconstruct Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B			•					
Rehab. Code Description 2015 D Remove AC and Reconstruct Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B				2035	20	035	2015	2015
Date Code Description 2015 D Remove AC and Reconstruct 2027 F Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B	Recommende		ition:					
2015 D Remove AC and Reconstruct 2027 F Saw & Seal New Joints Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B								
Properties: Saw & Seal New Joints			PERCHASIA				Market No.	
Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B							uct	
FWD used was mean value for section - See FWD Graphs, Appendix B	2027	F		Sa	w & Seal	New Joints		
FWD used was mean value for section - See FWD Graphs, Appendix B								
FWD used was mean value for section - See FWD Graphs, Appendix B								
FWD used was mean value for section - See FWD Graphs, Appendix B								
FWD used was mean value for section - See FWD Graphs, Appendix B	Remarks:	Station has	ed on Sta O loc	ated at South F	nd of the	Hangar F	low proceedir	na North
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								

TABLE	NO. C67 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SCI	HEDULE
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 013 Update
Element:	Hangars A-	Н					
Station:	Row GH -	Taxilane Betwe	en Hangars G 8	ι Η (Jet F	Row)		
Dimensions:	100' x 700'						
FAA Pavemen	_	-	None				
Element Ident	tification (Fo						
A COLUMN TO THE REAL PROPERTY OF THE PARTY O			s - inches		ksi	μ	Remarks
in the second		2011	2013	2011	2013		
Existing	PFC						
Pavement	PCC						
Section:	AC	: 3	3	250		0.35	
	AB	6	6	30		0.35	
	ASB		-				
	Subgrade	48	48	10		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc	cted:						
Rehabilitation	Record:	Date		TY SA	Туре		
		1999					
		2012	AC Patch Repa	ir			
Pavement Cor			h Drain in AC -				
			gator/Block Crac				
			han west 1/2. T				ent from plow.
Patches - Man			Slurry Sealed -			ws.	
Weathering - N	/loderate		ting, Shoving, or	Ravellin	g.		2011 PCI = 55
2011 Pavement	Damaining I	Pavement Rati		-4: A		FAA 5	2013 PCI = 38
Traffic Index	Remaining L	Life Analysis	Brandley - F				ARFIELD
	Plata Dofloati	on - 20 K Load	O 50-72 (70)		<u>) 2 (70)</u> 2 (70)	O 50-72 (70)	O1 50-72 (70)
		ing Life - Years	24		21	5	4
		Year of Failure	2035		032	2016	2015
Recommende			2000		002	2010	2015
	Rehab.			in the			
Date	Code			Descri	ption		
2015	D		Remo		d Reconstr	uct	
2027	F				New Joints		
	Caw & Scarrew Bollits						
Remarks:			ated at South E				ng North.
			e for section - Se				
	For Traffic I	ndex see Appe	ndix D. For Ref	abilitatio	n Code se	ee Tables 3-1	<u>&</u> 3-3.

TABLE	NO. C68 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 2013 Update	
Element:	Hangars J-	<						
Station:	Row East J	- Hangars J &	K					
Dimensions:	320' x 430'	- Total Hangar	H2 Area					
FAA Pavemen			1	Gear - 40) kips	·	-	
Element Ident	_	•		ear - 65 k				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	12	12	30		0.35	Cement Treated	
	ASB							
	Subgrade	48	48	10		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	cted:			State of the				
Rehabilitation Record: Date			Туре					
		2012	Reconstruction (Atkins Engineering Job)					
Devement Co.		OEL leinte (4/4II		:-1\				
Pavement Cor		Flush Gutters.	wide, no banda	iia)				
No Cracking.		riush Gullers. Is from paving (oporations)					
Snow Plow scr			pperations)					
Weathering - L			Shoving, or Rav	elling			2011 PCI = 35	
<u>.</u>	<u>-</u>	Pavement Rati		og.			2013 PCI = 90	
2011 Pavement	Remaining L		Brandley - F	atique A	nalvsis	FAA - FA	AARFIELD	
Traffic Index			Р		P1	Р	P1	
		on - 20 K Load	57-70 (70)	57-7	'0 (70)	57-70 (70)	57-70 (70)	
		ing Life - Years	28	- 7	28	6	6	
	<u></u>	Year of Failure	2039	20	039	2017	2017	
Recommende		ition:						
	Rehab.							
Date	Code			Descri		<u> </u>		
2020	F				nts - Supple	*****		
2026	G, H Crack Repair, Seal Cracks & Joints, Fog Seal							
2031	G Crack Repair, Seal Cracks & Joints							
Remarks:			ated at South E			<u> </u>	ng North.	
FWD used was mean value for section - See FWD Graphs, Appendix B								
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.								

TABLE	NO. C69 - P.	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE		
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 2013 Update		
Element:	Hangars J-	K							
Station:	Row JK - H	langars J & K							
Dimensions:	320' x 430'	- Total Hangar	H2 Area						
FAA Pavemer			1	 Gear - 40) kips				
Element Ident				ear - 65		-:-	<u> </u>		
		Thicknes	s - inches		ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC					*			
Pavement	PCC								
Section:	AC	3	3	250		0.35			
	AB	12	12	20		0.35	Cement Treated		
	ASB		-						
	Subgrade	48	48	10		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc	cted:			ليرانطان					
Rehabilitation	Record:	Date	Туре						
		2012	Reconstruction (Atkins Engineering Job)						
Pavement Co			wide, no banda	uid)					
No Cracking.		Flush Gutters.							
		s from paving o	operations)						
Snow Plow scr			01 : D			·			
Weathering - L	<u>.ignt</u>		Shoving, or Ray	elling.			2011 PCI = 35		
2011 Payament	Pomoining I	Pavement Rati		otions A	nalvoia	FAA F	2013 PCI = 90		
Traffic Index	nemaining L	Life Analysis	Brandley - F		naiysis P1	P P	AARFIELD		
	Plate Deflecti	on - 20 K Load	<u>'</u>		30 (80)	70-80 (80)	P1 70-80 (80)		
		ing Life - Years	24		24	4	4		
		Year of Failure	2035	 	035	2015	2015		
Recommende	d Rehabilita	ntion:	2000		000	2010	2010		
	Rehab.			- The Lat	ZIIREA				
Date	Code			Descri	iption				
2020	F		Saw & Sea		ints - Supple	emental			
2026	G, H		Crack Repair,	Seal Cra	cks & Joints	s, Fog Seal			
2031	G Crack Repair, Seal Cracks & Joints								
Remarks:			ated at South E				ng North.		
			e for section - S				0.00		
	ror i ramic i	nuex see Appe	ndix D. For Rel	iadilitatio	on Code se	e rabies 3-1	& 3-3.		

TABLE	NO. C70 - P	AVEMENT COI	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE	
Airport:		Truckee-Tah	oe Airport		Date of Survey:		& 6, 2011 2013 Update	
Element:	Hangars J-	K						
Station:	Row West I	K - Hangars J &	& K					
Dimensions:	320' x 430'	- Total Hangar	H2 Area					
FAA Pavemen			ľ	Gear - 40) kips			
Element ident	ification (Fo	orm 5335-1):		ear - 65 l				
		Thicknes	s - inches		ksi	μ	Remarks	
		2011	2013	2011	2013			
Existing	PFC							
Pavement	PCC							
Section:	AC	3	3	250		0.35		
	AB	12	12	20		0.35	Cement Treated	
	ASB		-					
	Subgrade	48	48	8		0.35		
	Sub-soil	S.I.	S.I.	25		0.35		
Date Construc	cted:							
Rehabilitation Record: Date			Туре					
		2012	Reconstruction (Atkins Engineering Job)					
D		051 1-1-1- /4/4		• 1)				
Pavement Cor			wide, no banda	lia)				
No Cracking.		Flush Gutters. Is from paving o	norotiono)	 			· · ·	
Snow Plow scr			pperations)					
Weathering - L			Shoving, or Rav	elling			2011 PCI = 35	
TV Octationing L	.igiit	Pavement Rati		oming.			2013 PCI = 90	
2011 Pavement	Remaining L	ife Analysis	Brandley - F	atique A	nalvsis	FAA - F	AARFIELD	
Traffic Index			Р		P1	Р	P1	
FWD Center F	Plate Deflecti	on - 20 K Load	80-90 (90)	80-9	0 (90)	80-90 (90)	80-90 (90)	
		ing Life - Years	17		17	1.2	1.2	
Pavement Struc	cture Estimate	Year of Failure	2028	2	028	2012	2012	
Recommende	d Rehabilita	ition:						
	Rehab.			AL SOTO				
Date	Code			Descri				
2020	F				nts - Suppl	·		
2026	G, H Crack Repair, Seal Cracks & Joints, Fog Seal							
2031	G Crack Repair, Seal Cracks & Joints							
Remarke:	Station has	ed on Sta Olea	ated at South E	nd of the	Hangar	Pow proceed	ng North	
Remarks: Station based on Sta. 0 located at South End of the Hangar Row proceeding North. FWD used was mean value for section - See FWD Graphs, Appendix B								
	For Traffic I	ndex see Appe	ndix D. For Reh	nabilitatio	n Code se	e Tables 3-1	& 3-3.	

TABLE	NO 074 D	AVENENT OO	NOTION OUT	EV AND			
IABLE	NO. C/1 - P	AVEMENI COI	NDITION SURV	EY AND			
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 2013 Update
Element:	Hangars L-	M					
Station:	Taxilane T	- West Hangar	s and Warehou	se Taxila	ne		
Dimensions:	Varies thro	ughout Area					
FAA Pavemen	_	•	None	-			
Element Ident	ification (Fo						
		Thickness -			ksi	μ	Remarks
	T	2011	2013	2011	2013		E CUITA CONTRACTOR
Existing	PFC						
Pavement	PCC						
Section:	AC	4	4	250		0.35	
	AB	10	10	40		0.35	
	ASB		-				
	Subgrade	48	48	12		0.35	
	Sub-soil	S.I.	S.I.	25		0.35	
Date Construc		2004					
Rehabilitation	Record:	Date		one of the	Туре		
		0010	A 1 1 0 1				
		2013	Add Suppleme	ntai Joint	s, Renab	Exist. Joints.	(Tape)
Pavement Cor	ndition:	Jointed 12.5' to	15' - 1"-3" & 3/	8" - Som	e Seconda	ary Cracking ·	Sealed
Cracks - None.			-				
AC Patch (1 @	30'x1') @ C	enterline of Tax	xilane T @ Taxi	way A			
MAZ - Ma - 2 L	• • •	N. D. III	<u> </u>				
Weathering - L	ignt		Shoving, or Rav				2011 PCI = 83
2011 Davement	Demaining I	ife Analysis	ng = Very Good Brandley - F	otions A	nalvaia		2013 PCI = 77
Traffic Index	Remaining L	.iic Alialysis	P Brandley - F		naiysis P1	P P	ARFIELD
	Plate Deflecti	on - 20 K Load			9 (45)	20-49 (45)	P1 20-49 (45)
		ing Life - Years	157		57	345	345
Pavement Struc	ture Estimate	Year of Failure	2168		168	2356	2356
Recommende	d Rehabilita	ition:					
	Rehab.						
Date	Code			Descri	ption		
2015	Н			Recla	mite		
2018	G	Crack Repair, Seal Cracks & Joints, Fog Seal					
2023	G Crack Repair, Seal Cracks & Joints						
2028	G, H Crack Repair, Seal Cracks & Joints, Fog Seal						
Remarks:	Station has	ad on Sta Ales	ated at South E	dae et T	aviues. A		
i ieiiidi kə.			e for section - Se			nnondiy D	
<u> </u>							& 3_3
For Traffic Index see Appendix D. For Rehabilitation Code see Tables 3-1 & 3-3.							

TABLE	NO. C72 - P.	AVEMENT CO	NDITION SURV	EY AND	REHABIL	ITATION SC	HEDULE		
Airport:		Truckee-Tah	noe Airport		Date of Survey:		& 6, 2011 2013 Update		
Element:	Hangars L-	М							
Station:	Taxilane T	- West Hangar	s and Warehou	se Taxila	ne	·	-		
Dimensions:									
FAA Pavemen			None						
Element Ident	_	•							
		Thicknes	s - inches	E	ksi	μ	Remarks		
		2011	2013	2011	2013				
Existing	PFC								
Pavement	PCC								
Section:	AC	3	3	250		0.35			
	AB	6	6	30		0.35			
	ASB	-	-						
	Subgrade	48	48	10		0.35			
	Sub-soil	S.I.	S.I.	25		0.35			
Date Construc									
Rehabilitation	Record:	Date	Туре						
		2013	Add Supplemei	ntal Joint	s, Rehab	Exist. Joints.	(Tape)		
Pavement Cor	ndition:	Jointed 12 5' to	 	8" - Som	e Second	ary Cracking	Spaled		
Cracks - None.		0011100 12.0 10	7 13 - 1 - 3 0 0 0	0 - 00111	e Second	ary Cracking	Sealeu		
		enterline of Tax	xilane T @ Taxi	<i>м</i> ау А					
347 11 1							-		
Weathering - L	ight		Shoving, or Rav				2011 PCI = 83		
2011 Payament	Domoining I		ng = Very Good			FAA F	2013 PCI = 77		
Traffic Index	nemaining L	.iie Alialysis	Brandley - F		naiysis P1	P P	ARFIELD		
	Plate Deflecti	on - 20 K Load	<u> </u>		5 (70)	50-75 (70)	P1 50-75 (70)		
		ing Life - Years	28		28	6	6		
		Year of Failure	2039		039	2017	2017		
Recommende	d Rehabilita	ition:				2017	2017		
	Rehab.								
Date	Code			Descri	ption				
2015	Н			Recla	mite				
2018	G		Crack Repair,	Seal Crad	cks & Joints	s, Fog Seal			
2023	G		Crack Repair, Seal Cracks & Joints						
2028	28 G, H Crack Repair, Seal Cracks & Joints, Fog Seal								
									
Remarks:	Station base	ed on Sta. 0 loc	ated at South E	dge of Ta	axiway A.				
FWD used was mean value for section - See FWD Graphs, Appendix B									
	For Traffic I	ndex see Appe	ndix D. For Reh	abilitatio	n Code se	e Tables 3-1	& 3-3.		

TRUCKEE TAHOE AIRPORT PAVEMENT EVALUATION STUDY PAVEMENT MAINTENANCE/MANAGEMENT PLAN

Appendix D Traffic Summary

This Appendix summarizes the design characteristics of all the aircraft that are currently utilizing the airport. It also provides existing aircraft operations by type, as well as the number of annual operations currently operating at the airport.

The total annual coverages of each general type aircraft group for each area have been calculated as "Traffic Indexes" and are included in Table No. D3. The traffic designated for each Traffic Index is the traffic that was used to calculate deep-seated distresses in the pavement sections and to calculate the predicted remaining life of each pavement section.

Since the business jet traffic at Truckee Tahoe Airport has increased significantly over the past few years and the national fleet is increasing, there is a possibility that the amount of larger aircraft using the airport will increase more than what has been forecast. In order to evaluate the effect that increased traffic would have, a new set of traffic indexes was prepared and used in the Fatigue Analysis studies. With the new traffic indexes the number of operations of the large aircraft (those with maximum takeoff weight in excess of 37,500 pounds) was doubled. The new traffic index with the doubling of the heavy aircraft operations has also been included in Appendix D as Table No. D4.

A table of contents of this appendix is shown below:

<u>Tables</u>

Table No. D1	Traffic Group Summary
Table No. D2	Summary of Traffic Data for Truckee Tahoe Airport
Table No. D3	Summary of Traffic Indexes
Table No. D4	Summary of Enhanced Traffic Indexes

TABLE No. D1 - Traffic Group Summary

Aircraft		Aircraft	Aircraft 60%	Aircraft	Gear
Group	Aircraft Type	Empty (lbs)	Fuel (lbs)	MTOW (lbs)	Configuration
1	Beech Baron	4,190	4,930	5,424	Single
2	Conquest	6,210	8,439	9,925	Single
	Citation CJ1	6,160	8,704	10,400	Single
	Raytheon Premier I	8,600	10,940	12,500	Single
	King Air 350	10,000	13,000	15,000	Single
3	Citation CJ II Bravo	9,300	12,780	15,100	Single
3	Lear 31	10,250	13,400	15,500	Dual
	Raytheon Hawker 400	10,550	14,000	16,300	Single
	Citation Ultra/Encore	9,900	13,938	16,630	Single
4	Citation Excel	12,550	17,020	20,000	Single
	Lear 45	12,050	16,940	20,200	Dual
5	Citation III	13,500	18,600	22,000	Dual
	Lear 60	14,750	20,000	23,500	Dual
	Gulfstream 150	15,100	21,700	26,100	Dual
6	Raytheon Hawker 800	16,100	23,240	28,000	Dual
0	Citation Sovereign	20,800	26,500	30,300	Dual
	Raytheon Hawker 1000	17,220	25,488	31,000	Dual
	Gulfstream 200	21,200	29,390	34,850	Dual
7	Citation X	21,600	30,060	35,700	Dual
	Dessault Falcon 2000	19,700	29,360	35,800	Dual
	Challenger 300	23,800	32,020	37,500	Dual
8	Raytheon Hawker 4000	23,500	33,100	39,500	Dual
8	Dassault Falcon 50 EX	20,200	31,900	39,700	Dual
	Dassault Falcon 2000EX	23,190	34,596	42,200	Dual
_	Dassault Falcon 900B	22,610	36,344	45,500	Dual
	Challenger 605	26,990	39,716	48,200	Dual
9	Dassault Falcon 900EX	24,700	38,860	48,300	Dual
	Legacy	30,000	41,760	49,600	Dual
10	Gulfstream III	38,000	57,020	69,700	Dual
10	Gulfstream IV	43,000	61,120	73,200	Dual
4.4	Gulfstream V	48,300	73,920	91,000	Dual
11	Bombardier Global Express	52,000	79,600	98,000	Dual

Note: 60% Fuel Weight is the weight of the aircraft with 60% of the total fuel, passengers, and payload allowable.

G \FWD\Truckee\2011\05 14 35 37 Table 2-1 4-3 Appendix C and D 40_04-13 Truckee Fatigue Analysis Data Tables FAARFIELD Analysis xlsAppendix D - Traffic Indexes

APPENDIX D - TRAFFIC SUMMARY

TABLE No. D2 - Summary of Traffic Data for Truckee Tahoe Airport

		Aircraft			Annual
	Aircraft	MTOW	Gear	2011	Growth
	Group	(lbs)	Type	Operations	Rate
	1	5,500	Single	16,746	0.70%
	2	10,000	Single	2,618	2.27%
Small to	3	16,000	Single	2,654	2.90%
Medium	4	20,000	Single	464	4.40%
Aircraft	5	23,000	Dual	312	4.40%
	6	30,000	Dual	192	4.40%
	7	35,700	Dual	416	4.40%
	8	42,000	Dual	58	4.32%
Large	9	49,000	Dual	98	4.27%
Aircraft	10	73,000	Dual	50	3.65%
	11	94,000	Dual	72	3.30%
	Total 2	011 Opera	ations	23,680	

TABLE No. D3 - Summary of Traffic Indexes

	Aircraft		Traffic Index (Aircraft Operations in 2011)															
	Group	Α	В	С	D	Е	F	G	Н	1	J	K	L	M	N	0	Р	Q
	1	4,521	8,206	13,732	2,512	6,029	8,708	6,866	3,014	1,507	1,172	5,024	6,698	6,698	5,024	1,675	1,675	3,349
	2	707	1,283	2,147	393	942	1,361	1,073	471	236	183	785	1,047	1,047	785	262	262	524
Small to Medium	3	717	1,300	2,176	398	955	1,380	1,088	478	239	186	796	1,062	1,062	796	265	265	531
Aircraft	4	125	227	380	70	167	241	190	84	42	32	139	186	186	139	46	46	93
AllClait	5	84	153	256	47	112	162	128	56	28	22	94	125	125	94	31	31	62
	6	52	94	157	29	69	100	79	35	17	13	58	77	77	58	19	19	38
	7	112	204	341	62	150	216	171	75	37	29	125	166	166	125	42	42	83
	8	31	49	50	21	27	30	24	5	5	3	-	26	53	-	6	-	17
Large Aircraft	9	53	82	85	35	45	51	40	9	9	6	-	44	89	-	10	-	29
Large Allcraft	10	27	42	44	18	23	26	21	5	5	3	-	23	46	-	-	-	15
	11	39	60	63	26	33	37	30	6	6	4	-	32	66	-	-	-	22
Total 2011 Opera	ations	6,468	11,700	19,431	3,611	8,552	12,312	9,710	4,238	2,131	1,653	7,021	9,486	9,615	7,021	2,356	2,340	4,763
% Use of Small/Media	um Aircraft	27%	49%	82%	15%	36%	52%	41%	18%	9%	7%	30%	40%	40%	30%	10%	10%	20%
% Use of Large A	Aircraft	54%	84%	87%	36%	46%	52%	41%	9%	9%	6%	0%	45%	91%	0%	10%	0%	30%

TABLE No. D4 - Summary of Enhanced Traffic Indexes

	Aircraft		Enhanced Traffic Index (Aircraft Operations in 2011 with Large Aircraft Operations Doubled)															
	Group	A1	B1	C1	D1	E1 .	F1	G1	H1	11	J1	K1	L1	M1	N1	01	P1	Q1
	1	4,521	8,206	13,732	2,512	6,029	8,708	6,866	3,014	1,507	1,172	5,024	6,698	6,698	5,024	1,675	1,675	3,349
	2	707	1,283	2,147	393	942	1,361	1,073	471	236	183	785	1,047	1,047	785	262	262	524
Small to Medium	3	717	1,300	2,176	398	955	1,380	1,088	478	239	186	796	1,062	1,062	796	265	265	531
Aircraft	4	125	227	380	70	167	241	190	84	42	32	139	186	186	139	46	46	93
AllCraft	5	84	153	256	47	112	162	128	56	28	22	94	125	125	94	31	31	62
	6	52	94	157	29	69	100	79	35	17	13	58	77	77	58	19	19	38
	7	112	204	341	62	150	216	171	75	37	29	125	166	166	125	42	42	83
	8	62	98	100	42	54	60	48	10	10	6	-	52	106	-	12	-	34
Large Aircraft	9	106	164	170	70	90	102	80	18	18	12	-	88	178	-	20	-	58
Large Alician	10	54	84	88	36	46	52	42	10	10	6	•	46	92	-		_	_30
	11	78	120	126	52	66	74	60	12	12	8	-	64	132	-	-		44
Total 2011 Open	ations	6,618	11,933	19,673	3,711	8,680	12,456	9,825	4,263	2,156	1,669	7,021	9,611	9,869	7,021	2,372	2,340	4,846
% Use of Small/Medium Aircraft*		27%	49%	82%	15%	36%	52%	41%	18%	9%	7%	30%	40%	40%	30%	10%	10%	20%
% Use of Large Aircraft*		54%	84%	87%	36%	46%	52%	41%	9%	9%	6%	0%	45%	91%	0%	10%	0%	30%
* - Percent use inidcate	es the perce	ntage of	different a	aircraft grou	ps using a	an analyz	ed pavem	ent eleme	nt.									

TRUCKEE TAHOE AIRPORT PAVEMENT EVALUATION STUDY PAVEMENT MAINTENANCE/MANAGEMENT PLAN

Appendix E Supplement No. 1

This supplement to our Pavement Evaluation Study and Pavement Maintenance/Management Plan dated November 2011 includes additional information requested by the Truckee Tahoe Airport District.

Question No. 1 – Look at 2/20 with aircraft group 1-9 + 30% of traffic. You do not need to adjust 11-29.

Runway 2-20, Taxiway G and the cross taxiways at each end of Runway 2-20 have similar pavement sections and will receive similar traffic. Taxiway V, Taxiway P and Taxiway Q have thinner pavement sections but should not receive the heavy jet traffic. The analysis of increased traffic on Runway 2-20 and Taxiway G assumes no heavy jet traffic on Taxiways V, P, and Q. The Fatigue Analysis has been conducted for the following conditions:

- 10% of total traffic on Runway 2-20
- 30% of Groups 1 to 9 traffic on Runway 2-20
- 30% of all traffic operating on Runway 2-20

The results of this analysis showing the remaining structural life based on deep-seated failure using the Brandley Fatigue Analysis methodology is included in Table No. S1. It will be noted that the remaining pavement life exceeded 20 years except for that section of Taxiway G from Station 600 to Station 900 under 30% of all traffic. In this section the remaining life is 15 years.

Question No. 2 – What will the new load-bearing capacity of the west side of 10/28 be after we construct your design?

The allowable load-bearing capacity for each area of the airport has been prepared for all sections of the airport for the condition where 100 annual departures of all aircraft are allowed and is included in Table S2. This analysis has been prepared showing the allowable load-bearing capacity for existing conditions and for various design options. In some instances only one or two options are applicable and these are the only ones that are shown. With some options the subgrade strength is the critical factor in determining load-bearing capacity and in other instances it is the strength of the pulverized existing AC and AB used as aggregate base. On this

table we indicate a range of costs per square foot for each option of pavement rehabilitation. Option 3 on this table shows the increased strength of the easterly 2,000 feet of Runway 11-29, which was reconstructed in 2008.

Question No. 3 - If we add 3" of asphalt on the east side, what is the load-bearing capacity?

The load-bearing capacity for adding 3" of asphalt is shown in Table No. S2 under Option 3.

Table S1 <u>Truckee Tahoe Airport</u>

Runway 2-20 Remaining Life Sensitivity Analysis December 21, 2011

		Remaining Structural Life (Years)									
Element	Station	10% AI	I Traffic	30% Gr	oups 1-9	30% All Traffic					
		Standard	Enhanced	Standard	Enhanced	Standard	Enhanced				
	0 - 1000	145	114	89	75	74	57				
Runway 2-20	1000 - 1700	87	68	52	43	43	32				
	1700 - 4600	93	73	55	46	46	34				
	0 - 600	59	45	34	28	28	20				
Taxiway G	600 - 900	46	36	26	21	21	15				
(Including Cross Taxiways at each End	900 - 1500	97	76	58	48	48	36				
of the Runway)	1500 - 4500	122	96	74	62	62	48				
	4500 - 4800	97	76	58	48	48	36				

Notes:

- 1. Midfield cross Taxiways P, Q, & V are not included as they will not receive any of the large jet traffic. Remaing life of these Taxiways remain greater than 20 years.
- 2. Standard Traffic is the forecast traffic for each segment of pavement.
- 3. Enhanced Traffic is the forecast traffic with the operations of aircraft greater than 40,000 pounds doubled for each segment of pavement.

Table S2 <u>Truckee Tahoe Airport</u>

Bearing Capacity Analysis December 21, 2011

Element	Gear Type	Maximum Load Limit - (x 1,000 lbs)	Allowable Bearing Capacity (x 1,000 lbs) - 100 Annual Departures								
		(X 1,000 lb3)	Existing	Option 1	Option 2	Option 3	Option 4				
Runway 11-29 (West 5,000 ft) &	Dual	80	55	70	80 *	-	100				
Associated Taxiways	Single	50	40	45	50	-	60				
Runway 11-29 (East 2,000 ft) &	Dual	80	55	-	-	80 *	100				
Associated Taxiways	Single	50	40	-	-	50	60				
Runway 2-20 & Associated Taxiways	Dual	50	50	65	80 *	-	100				
Hullway 2-20 & Associated Taxiways	Single	35	35	40	50	-	60				
Aprons	Dual	50	35	-	-	-	80 *				
Aprons	Single	35	25	-	-	-	50				
Hangar Tavilance	Dual	50	35	-	-	-	50 *				
Hangar Taxilanes	Single	30	25	-	-	-	35				

Option 1 - Pulverize and Recompact Existing AC & AB, Place 3" New AC - \$3.15 / sq.ft.

Option 2 - Add 2" Rock, Pulverize and Recompact Existing AC & AB, Place 3" New AC - \$3.75 / sq.ft.

Option 3 - Place 3" New AC Overlay - \$2.50 / sq.ft.

Option 4 - Pulverize and Recompact Existing AC & AB, Place 4" New AB, Place 3" New AC - \$4.35 / sq.ft.

Note - Unit costs not applicable in areas where existing grade cannot be raised, such as Aprons and Hangar Taxilanes.

* - Rehabilitation Option Recommended in the Pavement Maintenance/Managament Plan dated November 2011.