ANACONDA AIRPORT

Branch: 09A **APRON** **A-1**

Length: 234 LF **Width:** 210 LF **Area:** 49,140 SF **Last Const. :** 1992 **Family:** 9ACAM
From: STA 0+00A **To:** STA 2+34A **Surface:** AC

Inspections

Samples Surveyed: 4 **Total Samples:** 9 **Last Inspection Date:** 10/20/2009 **PCI: 58**

Sample # 1 **Area:** 5460 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	320 LF
WEATHERING/RAVELING	L	165 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	24 LF
DEPRESSION	L	28 SF
WEATHERING/RAVELING	M	25 SF
WEATHERING/RAVELING	H	4 SF
SWELLING	L	4 SF

Sample # 2 **Area:** 5460 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	378 LF
WEATHERING/RAVELING	L	165 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	27 LF
WEATHERING/RAVELING	M	50 SF
DEPRESSION	L	20 SF
SWELLING	L	15 SF

Sample # 5 **Area:** 5460 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	580 LF
WEATHERING/RAVELING	L	165 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	34 LF
PATCHING	M	36 SF
WEATHERING/RAVELING	M	25 SF
DEPRESSION	L	10 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	3 LF
DEPRESSION	M	9 SF
WEATHERING/RAVELING	H	2 SF
BLEEDING	N	2 SF

Sample # 9 **Area:** 5460 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	204 LF
WEATHERING/RAVELING	L	165 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	16 LF
WEATHERING/RAVELING	M	50 SF
DEPRESSION	L	27 SF
BLEEDING	N	10 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	3335 LF	6.79 %	18.27
LONGITUDINAL/TRANSVERSE CRACKING	M	227 LF	0.46 %	8.01
LONGITUDINAL/TRANSVERSE CRACKING	H	7 LF	0.01 %	7.50
PATCHING	M	81 SF	0.16 %	7.03
WEATHERING/RAVELING	M	337 SF	0.69 %	6.86
WEATHERING/RAVELING	H	13 SF	0.03 %	6.00
DEPRESSION	M	20 SF	0.04 %	5.20
WEATHERING/RAVELING	L	1485 SF	3.02 %	5.10
DEPRESSION	L	191 SF	0.39 %	2.39
SWELLING	L	43 SF	0.09 %	1.00
BLEEDING	N	27 SF	0.05 %	0.00

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 87.0 **% Climate/Durability** 13.0 **% Other**

ANACONDA AIRPORT

Branch: 09A **APRON** **A-2**

Length: 400 LF **Width:** 210 LF **Area:** 84,000 SF **Last Const. :** 1993 **Family:** 9ACAM
From: STA 2+34A **To:** STA 6+34A **Surface:** AC

Inspections

Samples Surveyed: 5 **Total Samples:** 17 **Last Inspection Date:** 10/20/2009 **PCI: 61**

Sample # 3 **Area:** 4970 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	441 LF
WEATHERING/RAVELING	L	150 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	35 LF
DEPRESSION	L	18 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	3 LF
WEATHERING/RAVELING	H	3 SF

Sample # 5 **Area:** 4970 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	353 LF
WEATHERING/RAVELING	L	150 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	36 LF
PATCHING	M	72 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	15 LF
WEATHERING/RAVELING	M	20 SF
DEPRESSION	L	19 SF
WEATHERING/RAVELING	H	4 SF
DEPRESSION	H	2 SF

Sample # 11 **Area:** 4970 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	441 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	50 LF
WEATHERING/RAVELING	L	150 SF
PATCHING	M	72 SF
DEPRESSION	L	16 SF

Sample # 15 **Area:** 4970 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	277 LF
WEATHERING/RAVELING	L	150 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	38 LF
DEPRESSION	L	9 SF
WEATHERING/RAVELING	H	4 SF

Sample # 16 **Area:** 4725 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	253 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	53 LF
WEATHERING/RAVELING	L	142 SF
DEPRESSION	L	13 SF
OIL SPILLAGE	N	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	6027 LF	7.18 %	18.96
DEPRESSION	H	7 SF	0.01 %	12.00
LONGITUDINAL/TRANSVERSE CRACKING	M	724 LF	0.86 %	10.52
PATCHING	M	492 SF	0.59 %	8.23
LONGITUDINAL/TRANSVERSE CRACKING	H	61 LF	0.07 %	7.50
WEATHERING/RAVELING	H	38 SF	0.04 %	6.00
WEATHERING/RAVELING	L	2533 SF	3.02 %	5.09
WEATHERING/RAVELING	M	68 SF	0.08 %	4.00
OIL SPILLAGE	N	3 SF	0.00 %	2.00
DEPRESSION	L	256 SF	0.30 %	1.67

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 79.0 **% Climate/Durability** 21.0 **% Other**

ANACONDA AIRPORT

Branch: 09R **RUNWAY** **R-1**

Length: 6,000 LF **Width:** 75 LF **Area:** 450,000 SF **Last Const. :** 2009 **Family:** 9ACRML
From: Sta 0+00 RWY 16/34 **To:** STA 60+00 RWY 16/34 **Surface:** AAC

Inspections

Samples Surveyed: 7 **Total Samples:** 99 **Last Inspection Date:** 10/20/2009 **PCI: 99**

Sample # 6 **Area:** 4875 SF

Distress Description	Severity	Quantity
NONE		

Sample # 20 **Area:** 4875 SF

Distress Description	Severity	Quantity
NONE		

Sample # 34 **Area:** 4875 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 48 **Area:** 4875 SF

Distress Description	Severity	Quantity
NONE		

Sample # 62 **Area:** 4875 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 76 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	49 LF

Sample # 90 **Area:** 4875 SF

Distress Description	Severity	Quantity
NONE		

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	646 LF	0.14 %	2.68
PATCHING	L	26 SF	0.01 %	2.00

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 100.0 **% Climate/Durability** 0.0 **% Other**

ANACONDA AIRPORT

Branch: 09R **RUNWAY** **R-2**

Length: 4,520 LF **Width:** 60 LF **Area:** 271,200 SF **Last Const. :** 1993 **Family:** 9ACRML

From: Sta 0+00 RWY 4/22 **To:** STA 45+20 RWY 4/22 **Surface:** AC

Inspections

Samples Surveyed: 7 **Total Samples:** 56 **Last Inspection Date:** 10/20/2009 **PCI: 69**

Sample # 8 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	488 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF

Sample # 15 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	371 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	7 LF

Sample # 22 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	433 LF
WEATHERING/RAVELING	L	96 SF
WEATHERING/RAVELING	H	7 SF
DEPRESSION	L	5 SF

Sample # 29 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	232 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	4 LF
WEATHERING/RAVELING	H	10 SF
DEPRESSION	L	7 SF
PATCHING	L	1 SF
SWELLING	L	1 SF

Sample # 36 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	317 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	10 LF
WEATHERING/RAVELING	M	10 SF
DEPRESSION	L	7 SF

Sample # 43 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	266 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	5 LF
DEPRESSION	L	2 SF
WEATHERING/RAVELING	H	1 SF

Sample # 50 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	341 LF
WEATHERING/RAVELING	L	96 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	10 LF
WEATHERING/RAVELING	H	15 SF
DEPRESSION	L	8 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	19764 LF	7.29 %	19.15
WEATHERING/RAVELING	H	266 SF	0.10 %	6.00
LONGITUDINAL/TRANSVERSE CRACKING	M	315 LF	0.12 %	4.01
WEATHERING/RAVELING	M	81 SF	0.03 %	4.00
WEATHERING/RAVELING	L	5424 SF	2.00 %	3.99
PATCHING	L	8 SF	0.00 %	2.00
SWELLING	L	8 SF	0.00 %	1.00
DEPRESSION	L	234 SF	0.09 %	0.30

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

ANACONDA AIRPORT

Branch: 09R **RUNWAY** **R-2**

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load**	97.0 **% Climate/Durability**	3.0 **% Other**

ANACONDA AIRPORT

Branch: 09T **TAXIWAY** **T-1**

Length: 4,352 LF **Width:** 25 LF **Area:** 108,800 SF **Last Const. :** 2009 **Family:** 9ACRML

From: RWY 4/22 **To:** RWY 34/16, and Hangars **Surface:** AAC

Inspections

Samples Surveyed: 5 **Total Samples:** 20 **Last Inspection Date:** 10/20/2009 **PCI: 96**

Sample # 2 **Area:** 5000 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	M	1 SF
OIL SPILLAGE	N	1 SF

Sample # 5 **Area:** 5000 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 8 **Area:** 5000 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 11 **Area:** 5000 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	H	2 SF
PATCHING	L	1 SF

Sample # 14 **Area:** 4960 SF

Distress Description	Severity	Quantity
NONE		

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	9 SF	0.01 %	6.00
WEATHERING/RAVELING	M	4 SF	0.00 %	4.00
OIL SPILLAGE	N	4 SF	0.00 %	2.00
PATCHING	L	13 SF	0.01 %	2.00

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 86.0 **% Climate/Durability** 14.0 **% Other**

ANACONDA AIRPORT

Branch: 09T **TAXIWAY** **T-1A**

Length: 618 LF **Width:** 25 LF **Area:** 15,450 SF **Last Const. :** 1992 **Family:** 9ACRML
From: Southeast corner **To:** A-1 **Surface:** AC

Inspections

Samples Surveyed: 3 **Total Samples:** 4 **Last Inspection Date:** 10/20/2009 **PCI: 77**

Sample # 1 **Area:** 4500 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	L	90 SF
WEATHERING/RAVELING	M	25 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	6 LF
OIL SPILLAGE	N	15 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	2 LF
WEATHERING/RAVELING	H	2 SF

Sample # 2 **Area:** 4500 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	30 LF
WEATHERING/RAVELING	L	90 SF
OIL SPILLAGE	N	10 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	2 LF
WEATHERING/RAVELING	M	4 SF
PATCHING	L	1 SF

Sample # 3 **Area:** 1880 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	38 LF
WEATHERING/RAVELING	L	56 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	8 LF
WEATHERING/RAVELING	H	4 SF
DEPRESSION	L	3 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	9 SF	0.06 %	6.00
WEATHERING/RAVELING	M	41 SF	0.27 %	5.04
LONGITUDINAL/TRANSVERSE CRACKING	L	105 LF	0.68 %	4.35
WEATHERING/RAVELING	L	335 SF	2.17 %	4.19
LONGITUDINAL/TRANSVERSE CRACKING	M	17 LF	0.11 %	3.98
OIL SPILLAGE	N	36 SF	0.23 %	2.64
PATCHING	L	1 SF	0.01 %	2.00
DEPRESSION	L	4 SF	0.03 %	0.30

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 90.0 **% Climate/Durability** 10.0 **% Other**

ANACONDA AIRPORT

Branch: 09T **TAXIWAY** **T-2**

Length: 840 LF **Width:** 25 LF **Area:** 21,000 SF **Last Const. :** 1993 **Family:** 9ACRML

From: RWY 4/22 End Turnarounds **To:** **Surface:** AC

Inspections

Samples Surveyed: 3 **Total Samples:** 4 **Last Inspection Date:** 10/20/2009 **PCI: 65**

Sample # 2 **Area:** 5250 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	460 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	50 LF
WEATHERING/RAVELING	L	158 SF
WEATHERING/RAVELING	M	36 SF
ALLIGATOR CRACKING	L	24 SF
WEATHERING/RAVELING	H	2 SF
SWELLING	L	1 SF

Sample # 3 **Area:** 5250 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	177 LF
WEATHERING/RAVELING	L	158 SF
WEATHERING/RAVELING	M	26 SF
SWELLING	L	4 SF
DEPRESSION	L	4 SF

Sample # 4 **Area:** 5250 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	194 LF
WEATHERING/RAVELING	L	158 SF
WEATHERING/RAVELING	M	26 SF
SWELLING	L	13 SF
DEPRESSION	L	8 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	1 LF
WEATHERING/RAVELING	H	2 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	1108 LF	5.28 %	15.35
ALLIGATOR CRACKING	L	32 SF	0.15 %	7.59
LONGITUDINAL/TRANSVERSE CRACKING	H	1 LF	0.01 %	7.50
LONGITUDINAL/TRANSVERSE CRACKING	M	67 LF	0.32 %	6.67
WEATHERING/RAVELING	M	117 SF	0.56 %	6.38
WEATHERING/RAVELING	H	5 SF	0.03 %	6.00
WEATHERING/RAVELING	L	632 SF	3.01 %	5.09
SWELLING	L	24 SF	0.11 %	1.15
DEPRESSION	L	16 SF	0.08 %	0.30

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

14.0 **% Load** 83.0 **% Climate/Durability** 3.0 **% Other**

ANACONDA AIRPORT

Branch: 09T **TAXIWAY** **T-4**

Length: 255 LF **Width:** 35 LF **Area:** 8,925 SF **Last Const. :** 1985 **Family:** 9ACRML

From: RWY 4-22 **To:** APRON **Surface:** AC

Inspections

Samples Surveyed: 2 **Total Samples:** 2 **Last Inspection Date:** 10/20/2009 **PCI: 44**

Sample # 1 **Area:** 4200 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	579 LF
DEPRESSION	L	165 SF
WEATHERING/RAVELING	L	150 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	27 LF
LONGITUDINAL/TRANSVERSE CRACKING	H	23 LF
WEATHERING/RAVELING	M	50 SF
WEATHERING/RAVELING	H	19 SF
ALLIGATOR CRACKING	M	15 SF
SWELLING	L	5 SF
PATCHING	L	1 SF

Sample # 2 **Area:** 4200 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	417 LF
WEATHERING/RAVELING	L	150 SF
DEPRESSION	L	145 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	43 LF
LONGITUDINAL/TRANSVERSE CRACKING	H	4 LF
WEATHERING/RAVELING	H	5 SF
PATCHING	L	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	1059 LF	11.86 %	25.60
DEPRESSION	L	329 SF	3.69 %	16.40
ALLIGATOR CRACKING	M	16 SF	0.18 %	14.57
LONGITUDINAL/TRANSVERSE CRACKING	H	29 LF	0.32 %	12.15
LONGITUDINAL/TRANSVERSE CRACKING	M	74 LF	0.83 %	10.37
WEATHERING/RAVELING	H	25 SF	0.29 %	8.65
WEATHERING/RAVELING	M	53 SF	0.60 %	6.52
WEATHERING/RAVELING	L	319 SF	3.57 %	5.62
PATCHING	L	2 SF	0.02 %	2.00
SWELLING	L	5 SF	0.06 %	1.00

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

14.0 **% Load** 69.0 **% Climate/Durability** 17.0 **% Other**

ANACONDA AIRPORT

Branch: 09T **TAXIWAY** **T-5**

Length: 345 LF **Width:** 35 LF **Area:** 12,075 SF **Last Const. :** 1993 **Family:** 9ACRML

From: Apron to Hangars **To:** **Surface:** AC

Inspections

Samples Surveyed: 3 **Total Samples:** 3 **Last Inspection Date:** 10/20/2009 **PCI: 67**

Sample # 1 **Area:** 4025 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	230 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	62 LF
WEATHERING/RAVELING	L	162 SF
WEATHERING/RAVELING	M	9 SF
DEPRESSION	L	6 SF

Sample # 2 **Area:** 4025 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	90 LF
WEATHERING/RAVELING	L	162 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	31 LF
WEATHERING/RAVELING	M	20 SF
DEPRESSION	L	9 SF
PATCHING	L	8 SF

Sample # 3 **Area:** 4025 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	215 LF
WEATHERING/RAVELING	L	170 SF
LONGITUDINAL/TRANSVERSE CRACKING	M	36 LF
DEPRESSION	L	11 SF
SWELLING	L	6 SF
WEATHERING/RAVELING	M	5 SF
PATCHING	M	5 SF
OIL SPILLAGE	N	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	535 LF	4.43 %	13.52
LONGITUDINAL/TRANSVERSE CRACKING	M	129 LF	1.07 %	11.58
PATCHING	M	5 SF	0.04 %	6.20
WEATHERING/RAVELING	L	494 SF	4.09 %	6.08
WEATHERING/RAVELING	M	34 SF	0.28 %	5.12
OIL SPILLAGE	N	1 SF	0.01 %	2.00
PATCHING	L	8 SF	0.07 %	2.00
SWELLING	L	6 SF	0.05 %	1.00
DEPRESSION	L	26 SF	0.22 %	0.90

* Multiple deduct values are scaled down from their algebraic sum to keep the model consistent with experimental data.

Percent of Deduct Values Based on Distress Mechanism

0.0 **% Load** 92.0 **% Climate/Durability** 8.0 **% Other**

ANACONDA AIRPORT

FIRST YEAR LOCAL:2010 LOCAL REPAIR COST: $33,458

Section	Distress Description	Severity	Quantity	Work Description	Quantity	Cost	Policy
A-1	L & T CR	H	7 LF	Crack Sealing - AC	7 LF	$10	PREV.
A-1	L & T CR	M	228 LF	Crack Sealing - AC	228 LF	$341	PREV.
A-1	DEPRESSION	M	21 SF	Patching - AC Deep	43 SF	$1,567	PREV.
A-1	PATCHING	M	81 SF	Patching - AC Deep	122 SF	$4,485	PREV.
A-2	L & T CR	H	62 LF	Crack Sealing - AC	62 LF	$92	PREV.
A-2	OIL SPILLAGE	N	4 SF	Patching - AC Shallow	15 SF	$223	PREV.
A-2	DEPRESSION	H	7 SF	Patching - AC Deep	22 SF	$790	PREV.
A-2	L & T CR	M	724 LF	Crack Sealing - AC	724 LF	$1,086	PREV.
A-2	PATCHING	M	492 SF	Patching - AC Deep	585 SF	$21,639	PREV.
R-2	L & T CR	M	315 LF	Crack Sealing - AC	315 LF	$472	PREV.
T-1	OIL SPILLAGE	N	5 SF	Patching - AC Shallow	17 SF	$251	PREV.
T-1A	L & T CR	M	18 LF	Crack Sealing - AC	18 LF	$26	PREV.
T-1A	OIL SPILLAGE	N	36 SF	Patching - AC Shallow	64 SF	$952	PREV.
T-2	L & T CR	H	2 LF	Crack Sealing - AC	2 LF	$2	PREV.
T-2	L & T CR	M	67 LF	Crack Sealing - AC	67 LF	$100	PREV.
T-4	L & T CR	H	29 LF	Crack Sealing - AC	29 LF	$43	SAFET
T-4	WEATH/RAVEL	H	26 SF	Patching - AC Shallow	26 SF	$382	SAFET
T-5	OIL SPILLAGE	N	1 SF	Patching - AC Shallow	10 SF	$135	PREV.
T-5	L & T CR	M	130 LF	Crack Sealing - AC	130 LF	$194	PREV.
T-5	PATCHING	M	5 SF	Patching - AC Deep	18 SF	$666	PREV.

FIFTEEN YEAR PROJECTIONS: ESTIMATED AVERAGE ANNUAL COST: $190,260

PLAN YEAR: 2010 ESTIMATED COST: $700,072

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$6,404				$6,404	57	57
A-2	Prev. & Thin AC	$23,830	$134,400			$158,230	60	75
R-2	Prev. & Thin AC	$472	$433,921			$434,393	69	78
T-1	Basic Prev.	$251				$251	95	95
T-1A	Prev. & Thin AC	$978	$24,720			$25,698	76	93
T-2	Prev. & Thin AC	$102	$33,600			$33,702	65	72
T-4	Reconstruct			$21,078		$21,078	43	100
T-5	Prev. & Thin AC	$995	$19,320			$20,315	67	75

PLAN YEAR: 2011 ESTIMATED COST: $15,120

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$3,430				$3,430	55	55
A-2	Basic Prev.	$3,122				$3,122	72	72
R-2	Basic Prev.	$7,269				$7,269	76	76
T-1A	Basic Prev.	$32				$32	89	89
T-2	Basic Prev.	$852				$852	70	70
T-5	Basic Prev.	$416				$416	73	73

PLAN YEAR: 2012 ESTIMATED COST: $18,111

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$3,843				$3,843	52	52
A-2	Basic Prev.	$3,598				$3,598	69	69
R-2	Basic Prev.	$8,715				$8,715	74	74
T-1	Basic Prev.	$467				$467	87	87
T-1A	Basic Prev.	$122				$122	85	85
T-2	Basic Prev.	$898				$898	69	69
T-5	Basic Prev.	$468				$468	71	71

PLAN YEAR: 2013 ESTIMATED COST: $123,897

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Reconstruct			$104,553		$104,553	48	100
A-2	Basic Prev.	$3,907				$3,907	66	66
R-1	Basic Prev.	$2,697				$2,697	86	86
R-2	Basic Prev.	$9,975				$9,975	72	72
T-1	Basic Prev.	$1,087				$1,087	84	84
T-1A	Basic Prev.	$205				$205	82	82
T-2	Basic Prev.	$936				$936	67	67
T-4	Basic Prev.	$30				$30	88	88
T-5	Basic Prev.	$506				$506	69	69

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PLAN YEAR: 2014 ESTIMATED COST: $23,975

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-2	Basic Prev.	$4,216				$4,216	63	63
R-1	Basic Prev.	$5,176				$5,176	83	83
R-2	Basic Prev.	$11,066				$11,066	70	70
T-1	Basic Prev.	$1,644				$1,644	81	81
T-1A	Basic Prev.	$291				$291	79	79
T-2	Basic Prev.	$973				$973	66	66
T-4	Basic Prev.	$81				$81	84	84
T-5	Basic Prev.	$529				$529	68	68

PLAN YEAR: 2015 ESTIMATED COST: $29,762

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-2	Basic Prev.	$4,525				$4,525	60	60
R-1	Basic Prev.	$7,416				$7,416	80	80
R-2	Basic Prev.	$11,640				$11,640	69	69
T-1	Basic Prev.	$2,317				$2,317	78	78
T-1A	Basic Prev.	$389				$389	76	76
T-2	Basic Prev.	$1,012				$1,012	65	65
T-4	Prev. & Fog Seal	$128	$1,785			$1,913	81	88
T-5	Basic Prev.	$550				$550	67	67

PLAN YEAR: 2016 ESTIMATED COST: $32,998

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$186				$186	88	88
A-2	Basic Prev.	$5,136				$5,136	58	58
R-1	Basic Prev.	$10,393				$10,393	77	77
R-2	Basic Prev.	$12,121				$12,121	67	67
T-1	Basic Prev.	$2,976				$2,976	76	76
T-1A	Basic Prev.	$475				$475	74	74
T-2	Basic Prev.	$1,058				$1,058	63	63
T-4	Basic Prev.	$81				$81	84	84
T-5	Basic Prev.	$572				$572	65	65

PLAN YEAR: 2017 ESTIMATED COST: $37,849

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$477				$477	84	84
A-2	Basic Prev.	$5,819				$5,819	55	55
R-1	Basic Prev.	$13,019				$13,019	75	75
R-2	Basic Prev.	$12,603				$12,603	66	66
T-1	Basic Prev.	$3,547				$3,547	73	73
T-1A	Basic Prev.	$549				$549	72	72
T-2	Basic Prev.	$1,112				$1,112	61	61
T-4	Basic Prev.	$128				$128	81	81
T-5	Basic Prev.	$596				$596	64	64

PLAN YEAR: 2018 ESTIMATED COST: $87,676

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Prev. & Fog Seal	$750	$9,828			$10,578	81	88
A-2	Basic Prev.	$6,522				$6,522	52	52
R-1	Basic Prev.	$15,293				$15,293	73	73
R-2	Basic Prev.	$13,114				$13,114	65	65
T-1	Basic Prev.	$4,044				$4,044	72	72
T-1A	Basic Prev.	$614				$614	71	71
T-2	Reconstruct			$36,706		$36,706	59	100
T-4	Basic Prev.	$181				$181	78	78
T-5	Basic Prev.	$624				$624	62	62

PLAN YEAR: 2019 ESTIMATED COST: $1,129,443

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$476				$476	84	84
A-2	Reconstruct			$177,963		$177,963	49	100
R-1	Prev. & Thin AC	$17,262	$720,002			$737,264	71	83
R-2	Basic Prev.	$13,704				$13,704	63	63
T-1	Prev. & Thin AC	$4,478	$174,080			$178,558	70	81
T-1A	Basic Prev.	$655				$655	69	69
T-4	Basic Prev.	$236				$236	76	76
T-5	Reconstruct			$20,588		$20,588	60	100

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PLAN YEAR: 2020 ESTIMATED COST: $486,289

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$749				$749	81	81
R-1	Basic Prev.	$7,416				$7,416	80	80
R-2	Prev. & Thin AC	$14,414	$433,921			$448,335	61	69
T-1	Basic Prev.	$2,317				$2,317	78	78
T-1A	Prev. & Thin AC	$683	$24,720			$25,403	68	76
T-4	Prev. & Fog Seal	$284	$1,785			$2,069	74	78

PLAN YEAR: 2021 ESTIMATED COST: $27,393

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$1,108				$1,108	78	78
R-1	Basic Prev.	$10,406				$10,406	77	77
R-2	Basic Prev.	$12,121				$12,121	67	67
T-1	Basic Prev.	$2,976				$2,976	76	76
T-1A	Basic Prev.	$475				$475	74	74
T-2	Basic Prev.	$71				$71	88	88
T-4	Basic Prev.	$236				$236	76	76

PLAN YEAR: 2022 ESTIMATED COST: $32,030

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$1,479				$1,479	75	75
A-2	Basic Prev.	$318				$318	88	88
R-1	Basic Prev.	$13,019				$13,019	75	75
R-2	Basic Prev.	$12,603				$12,603	66	66
T-1	Basic Prev.	$3,547				$3,547	73	73
T-1A	Basic Prev.	$549				$549	72	72
T-2	Basic Prev.	$191				$191	84	84
T-4	Basic Prev.	$284				$284	74	74
T-5	Basic Prev.	$41				$41	88	88

PLAN YEAR: 2023 ESTIMATED COST: $50,480

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Prev. & Fog Seal	$1,834	$9,828			$11,662	72	78
A-2	Basic Prev.	$816				$816	84	84
R-1	Basic Prev.	$15,293				$15,293	73	73
R-2	Basic Prev.	$13,114				$13,114	65	65
T-1	Basic Prev.	$4,044				$4,044	72	72
T-1A	Basic Prev.	$614				$614	71	71
T-2	Prev. & Fog Seal	$301	$4,200			$4,501	81	88
T-4	Basic Prev.	$326				$326	72	72
T-5	Basic Prev.	$110				$110	84	84

PLAN YEAR: 2024 ESTIMATED COST: $58,800

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-1	Basic Prev.	$1,479				$1,479	75	75
A-2	Prev. & Fog Seal	$1,281	$16,800			$18,082	81	88
R-1	Basic Prev.	$17,262				$17,262	71	71
R-2	Basic Prev.	$13,704				$13,704	63	63
T-1	Basic Prev.	$4,478				$4,478	70	70
T-1A	Basic Prev.	$655				$655	69	69
T-2	Basic Prev.	$191				$191	84	84
T-4	Basic Prev.	$362				$362	70	70
T-5	Prev. & Fog Seal	$173	$2,415			$2,588	81	88

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10/20/2009

A-1, overview with depression

A-1, surface detail with cracks

A-2, surface detail with cracks

A-2, overview with patch & crack

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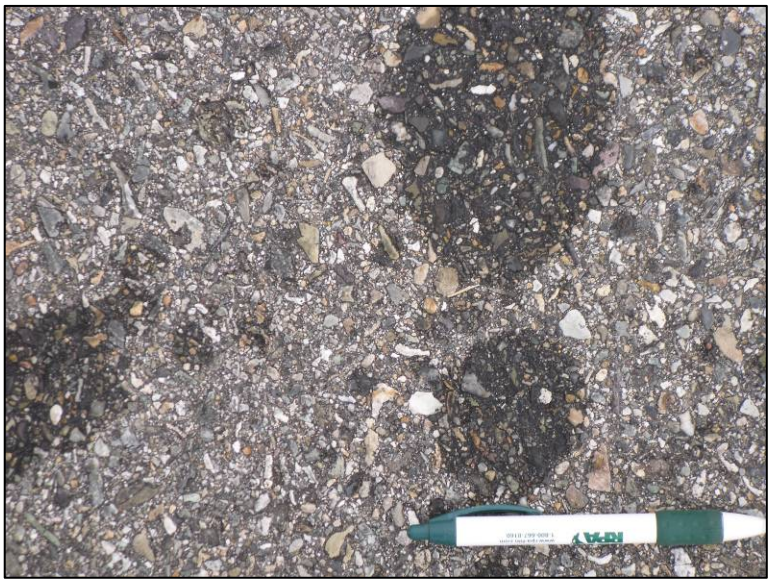
10/20/2009

T-1, overview

T-1, surface detail

T-1A, overview



T-1A, surface detail with oil spills

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10/20/2009

T-2, overview

T-2, surface detail with cracks

T-4, surface detail with crack

T-4, overview with depressions

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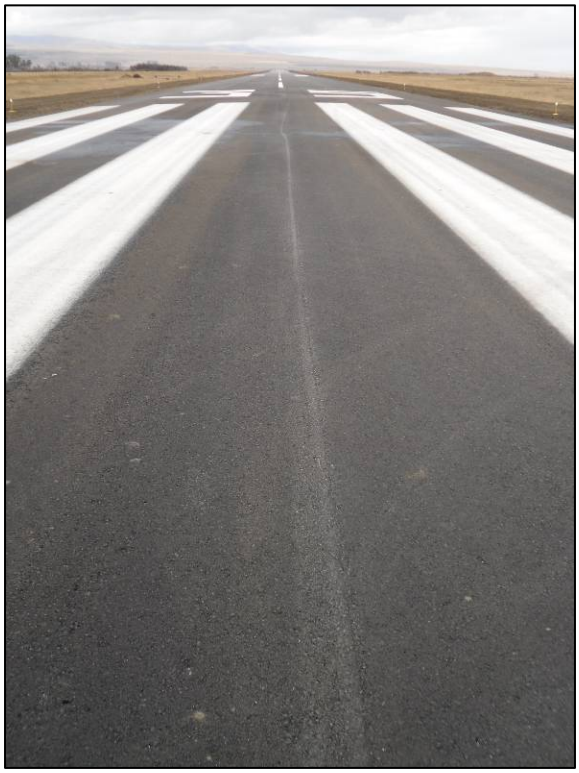
10/20/2009

T-5, overview

T-5, surface detail



R-1, overview

R-1, surface detail

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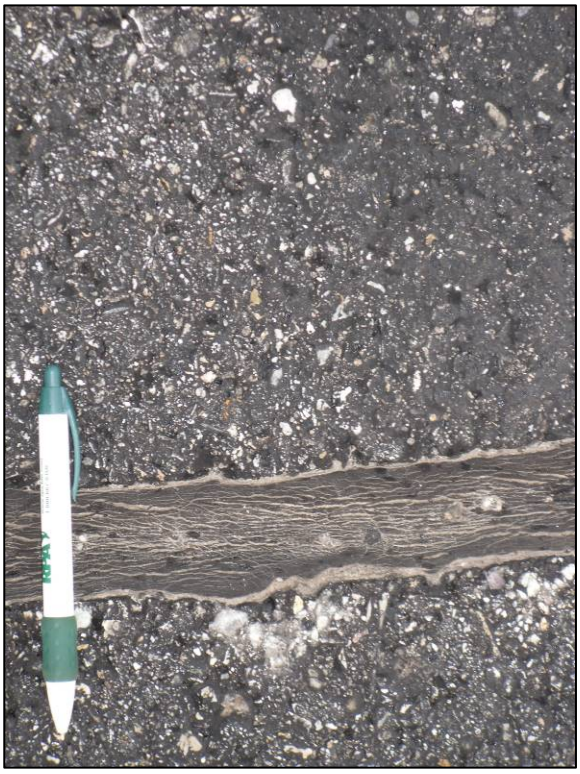
10/20/2009

R-2, overview



R-2, surface detail with crack

R-2, surface detail with vegetation & crack

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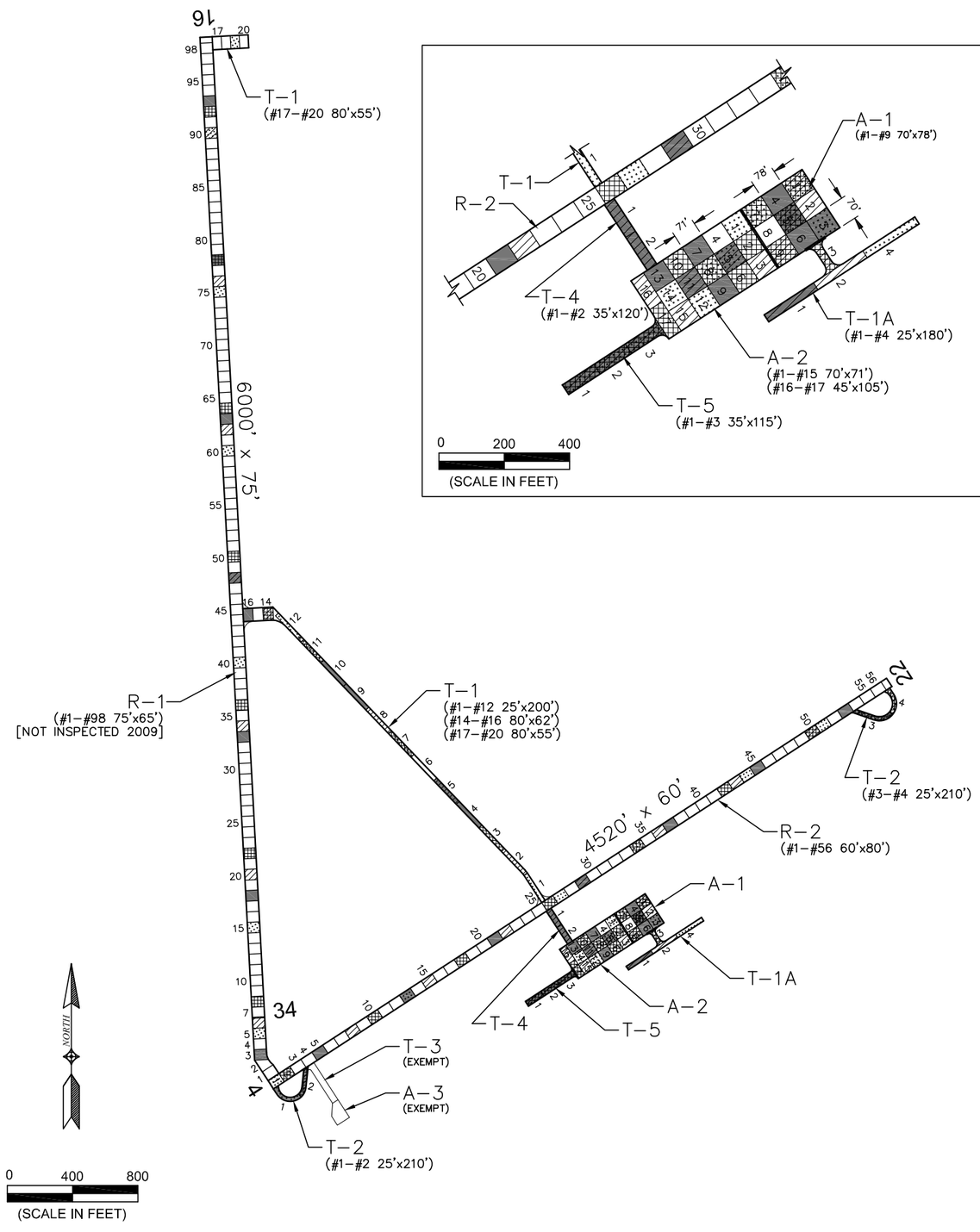

PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

ANACONDA

PAVE. IDENT.	SOIL CLASS	SUB GRADE CLASS	SUBBASE COURSE	BASE COURSE	SURFACE COURSE	OVERLAY	PAVEMENT STRENGTH MAX. GROSS LOAD (LBS) SINGLE	DUAL	DUAL TAN.	REMARKS
RUNWAYS										
R-1		CBR=3.5		9" P-208	3" P-401	2.75" P-401	16,000			2 4 6 7
R-2				9.7" P-208	4" P-401	P-609	12,500			3 4 6
TAXIWAYS										
T-1		CBR=3.5		9" P-208	3" P-401	2.75" P-401	16,000			2 4 6 7
T-1A				9" P-208	3" P-401	P-609	12,500			2 4 6
T-2				9.7" P-208	4" P-401	P-609	12,500			3 4 6
T-3						P-609				A
T-4	E-1	F1		6" P-208	2" P-401	P-609	30,000			1 4 6
T-5				9.7" P-208	4" P-401	P-609	12,500			3 4 6
APRONS										
A-1				9" P-208	3" P-401	P-609	12,500			2 4 6
A-2				9.7" P-208	4" P-401	P-609	12,500			3 4 6

REMARKS:

A UNKNOWN-CONSTRUCTED NON-FED, NO INFORMATION AVAILABLE, STRENGTHS ASSUMED.

1 AIP-01, 1985, REHABILITATE RUNWAY 4-22, TURNAROUNDS, APRON, AND CONNECTING TAXIWAY.

2 AIP-02, 1992, CONSTRUCT RUNWAY 16-34, CONNECTING AND ACCESS TAXIWAYS; APRON EXPANSION.

3 AIP-03, 1993, REHABILITATE RUNWAY (R-2) AND APRON, CONSTRUCT TAXIWAY (T-5).

4 AIP-04, 2001, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS.

5 AIP-008-2006, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS [NO PROJECT].

6 AIP-009-2007, CRACK SEAL, FOG SEAL, AND REMARK ALL PAVEMENTS [RE-BID OF AIP-008-2006].

7 AIP-010/011-2009, OVERLAY RUNWAY 16-34 (R-1) AND TAXIWAY (T-1).

LEGEND

- 1997 SURVEY AREA
- 2000 SURVEY AREA (NOT SURVEYED)
- 2003 SURVEY AREA
- 2006 SURVEY AREA
- 2009 SURVEY AREA

DATE OF PAVEMENT STRENGTH SURVEY:	
EVALUATED BY:	
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	OCT. 20, 2009
EVALUATED BY:	N. BELL

MONTANA AVIATION SYSTEM PLAN
2009 UPDATE - PAVEMENT CONDITION INDEXES

BOWMAN FIELD

PREPARED FOR: MONTANA AERONAUTICS DIVISION

ANACONDA MONTANA

DATE: NOV. 2009

PREPARED BY: RPA