DILLON AIRPORT

Branch: 52A **APRON** **A-11**

Length: 0 LF **Width:** 0 LF **Area:** 193,569 SF **Last Const. :** 2008 **Family:** 9ACAM
From: WEST APRON **To:** OFF T-5 **Surface:** AC

Inspections

Samples Surveyed: 4 **Total Samples:** 11 **Last Inspection Date:** 10/6/2009 **PCI: 94**

Sample # 2 **Area:** 4380 SF

Distress Description	Severity	Quantity
NONE		

Sample # 5 **Area:** 3735 SF

Distress Description	Severity	Quantity
PATCHING	L	56 SF
OIL SPILLAGE	N	9 SF
DEPRESSION	H	1 SF

Sample # 8 **Area:** 4966 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF
OIL SPILLAGE	N	1 SF

Sample # 11 **Area:** 2419 SF

Distress Description	Severity	Quantity
OIL SPILLAGE	N	7 SF
DEPRESSION	L	5 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
DEPRESSION	H	12 SF	0.01 %	12.00
PATCHING	L	712 SF	0.37 %	2.22
OIL SPILLAGE	N	212 SF	0.11 %	1.99
DEPRESSION	L	62 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** 13.0 **% Climate/Durability** 87.0 **% Other**

DILLON AIRPORT

Branch: 52A **APRON** **A-3**

Length: 450 LF **Width:** 205 LF **Area:** 92,250 SF **Last Const. :** 1994 **Family:** 9ACAM
From: NORTH APRON **To:** **Surface:** AAC

Inspections

Samples Surveyed: 5 **Total Samples:** 18 **Last Inspection Date:** 10/6/2009 **PCI: 96**

Sample # 2 **Area:** 5100 SF

Distress Description	Severity	Quantity
SWELLING	L	6 SF
WEATHERING/RAVELING	H	1 SF
DEPRESSION	L	1 SF
OIL SPILLAGE	N	1 SF

Sample # 6 **Area:** 5100 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	M	2 SF

Sample # 11 **Area:** 5100 SF

Distress Description	Severity	Quantity
DEPRESSION	M	9 SF

Sample # 13 **Area:** 5100 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 16 **Area:** 5100 SF

Distress Description	Severity	Quantity
DEPRESSION	L	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	4 SF	0.00 %	6.00
DEPRESSION	M	33 SF	0.04 %	5.20
WEATHERING/RAVELING	M	7 SF	0.01 %	4.00
OIL SPILLAGE	N	4 SF	0.00 %	2.00
PATCHING	L	4 SF	0.00 %	2.00
SWELLING	L	22 SF	0.02 %	1.00
DEPRESSION	L	7 SF	0.01 %	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** 59.0 **% Climate/Durability** 41.0 **% Other**

DILLON AIRPORT

Branch: 52A **APRON** **A-4**

Length: 460 LF **Width:** 170 LF **Area:** 78,200 SF **Last Const. :** 2002 **Family:** 9ACAH
From: A-3 & T-3 **To:** HANGARS **Surface:** AC

Inspections

Samples Surveyed: 5 **Total Samples:** 15 **Last Inspection Date:** 10/6/2009 **PCI: 92**

Sample # 1 **Area:** 5198 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	H	4 SF
OIL SPILLAGE	N	3 SF
DEPRESSION	L	1 SF

Sample # 4 **Area:** 5198 SF

Distress Description	Severity	Quantity
NONE		

Sample # 9 **Area:** 5198 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	92 LF
WEATHERING/RAVELING	H	2 SF
DEPRESSION	L	1 SF

Sample # 12 **Area:** 5198 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	92 LF
DEPRESSION	L	3 SF
WEATHERING/RAVELING	H	1 SF

Sample # 14 **Area:** 5198 SF

Distress Description	Severity	Quantity
DEPRESSION	L	11 SF
WEATHERING/RAVELING	H	5 SF
SWELLING	L	2 SF
OIL SPILLAGE	N	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	36 SF	0.05 %	6.00
LONGITUDINAL/TRANSVERSE CRACKING	L	554 LF	0.71 %	4.40
OIL SPILLAGE	N	12 SF	0.02 %	2.00
SWELLING	L	6 SF	0.01 %	1.00
DEPRESSION	L	48 SF	0.06 %	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** 76.0 **% Climate/Durability** 24.0 **% Other**

DILLON AIRPORT

Branch: 52R **RUNWAY** **R-3**

Length: 5,720 LF **Width:** 75 LF **Area:** 467,400 SF **Last Const. :** 1998 **Family:** 9ACRMU
From: RW 16-34 STA 10+00 **To:** RW 16-34 STA 67+20 **Surface:** AC

Inspections

Samples Surveyed: 7 **Total Samples:** 95 **Last Inspection Date:** 10/6/2009 **PCI: 81**

Sample # 4 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	157 LF
DEPRESSION	L	3 SF

Sample # 19 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	264 LF
SWELLING	L	4 SF
DEPRESSION	L	4 SF
WEATHERING/RAVELING	M	4 SF
PATCHING	L	2 SF

Sample # 34 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	263 LF
DEPRESSION	L	6 SF
PATCHING	L	2 SF
SWELLING	L	1 SF

Sample # 49 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	228 LF
DEPRESSION	L	20 SF
LONGITUDINAL/TRANSVERSE CRACKING	H	4 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF
WEATHERING/RAVELING	H	2 SF

Sample # 64 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	209 LF
DEPRESSION	L	4 SF

Sample # 79 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	132 LF
DEPRESSION	L	7 SF
WEATHERING/RAVELING	H	1 SF

Sample # 94 **Area:** 4800 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	278 LF
DEPRESSION	L	12 SF
WEATHERING/RAVELING	H	2 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	21303 LF	4.56 %	13.80
LONGITUDINAL/TRANSVERSE CRACKING	H	56 LF	0.01 %	7.50
WEATHERING/RAVELING	H	70 SF	0.01 %	6.00
WEATHERING/RAVELING	M	56 SF	0.01 %	4.00
LONGITUDINAL/TRANSVERSE CRACKING	M	42 LF	0.01 %	4.00
PATCHING	L	56 SF	0.01 %	2.00
SWELLING	L	70 SF	0.01 %	1.00
DEPRESSION	L	779 SF	0.17 %	0.54

* 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** 96.0 **% Climate/Durability** 4.0 **% Other**

DILLON AIRPORT

Branch: 52R **RUNWAY** **R-4**

Length: 780 LF **Width:** 75 LF **Area:** 58,500 SF **Last Const. :** 1998 **Family:** 9ACRMU

From: RW 16-34 STA 67+20 **To:** RW 16-34 STA 75+00 **Surface:** AC

Inspections

Samples Surveyed: 5 **Total Samples:** 12 **Last Inspection Date:** 10/6/2009 **PCI: 83**

Sample # 2 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	126 LF
BLEEDING	N	20 SF
DEPRESSION	L	10 SF
WEATHERING/RAVELING	H	3 SF
PATCHING	L	1 SF
OIL SPILLAGE	N	1 SF

Sample # 3 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	78 LF
DEPRESSION	L	3 SF

Sample # 6 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	M	19 LF
BLEEDING	N	36 SF
LONGITUDINAL/TRANSVERSE CRACKING	L	5 LF
SWELLING	L	4 SF
WEATHERING/RAVELING	H	2 SF
PATCHING	L	2 SF

Sample # 9 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	24 LF
DEPRESSION	L	6 SF

Sample # 12 **Area:** 4875 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	58 LF
WEATHERING/RAVELING	L	75 SF
SWELLING	L	10 SF
DEPRESSION	L	8 SF
DEPRESSION	M	8 SF
ALLIGATOR CRACKING	L	6 SF
OIL SPILLAGE	N	6 SF
WEATHERING/RAVELING	H	3 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
ALLIGATOR CRACKING	L	14 SF	0.02 %	7.00
WEATHERING/RAVELING	H	19 SF	0.03 %	6.00
LONGITUDINAL/TRANSVERSE CRACKING	L	699 LF	1.19 %	5.37
DEPRESSION	M	19 SF	0.03 %	5.20
LONGITUDINAL/TRANSVERSE CRACKING	M	46 LF	0.08 %	4.00
OIL SPILLAGE	N	17 SF	0.03 %	2.00
PATCHING	L	7 SF	0.01 %	2.00
BLEEDING	N	134 SF	0.23 %	1.48
WEATHERING/RAVELING	L	180 SF	0.31 %	1.41
SWELLING	L	34 SF	0.06 %	1.00
DEPRESSION	L	65 SF	0.11 %	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

20.0 **% Load** 52.0 **% Climate/Durability** 28.0 **% Other**

DILLON AIRPORT

Branch: 52R2 **RUNWAY** **R-21**

Length: 2,978 LF **Width:** 60 LF **Area:** 178,680 SF **Last Const. :** 2009 **Family:** 9ACRMU
From: RWY 4/22 STA. 12+00 **To:** RWY 4/22 STA. 48+00 **Surface:** AC

Inspections

Samples Surveyed: 7 **Total Samples:** 40 **Last Inspection Date:** 10/6/2009 **PCI: 98**

Sample # 2 **Area:** 3440 SF

Distress Description	Severity	Quantity
PATCHING	L	2 SF

Sample # 8 **Area:** 2880 SF

Distress Description	Severity	Quantity
WEATHERING/RAVELING	M	1 SF

Sample # 14 **Area:** 2880 SF

Distress Description	Severity	Quantity
NONE		

Sample # 20 **Area:** 2880 SF

Distress Description	Severity	Quantity
PATCHING	L	3 SF

Sample # 26 **Area:** 2880 SF

Distress Description	Severity	Quantity
NONE		

Sample # 32 **Area:** 2880 SF

Distress Description	Severity	Quantity
PATCHING	L	2 SF

Sample # 38 **Area:** 3440 SF

Distress Description	Severity	Quantity
PATCHING	L	3 SF
DEPRESSION	L	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	M	8 SF	0.00 %	4.00
PATCHING	L	84 SF	0.05 %	2.00
DEPRESSION	L	8 SF	0.00 %	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** 95.0 **% Climate/Durability** 5.0 **% Other**

DILLON AIRPORT

Branch: 52T **TAXIWAY** **T-2**

Length: 610 LF **Width:** 25 LF **Area:** 16,510 SF **Last Const. :** 1994 **Family:** 9ACRMU
From: Apron A-3 **To:** HANGARS **Surface:** AAC

Inspections

Samples Surveyed: 3 **Total Samples:** 4 **Last Inspection Date:** 10/6/2009 **PCI: 96**

Sample # 1 **Area:** 4000 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 3 **Area:** 3625 SF

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

Sample # 4 **Area:** 3625 SF

Distress Description	Severity	Quantity
OIL SPILLAGE	N	1 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	3 SF	0.02 %	6.00
OIL SPILLAGE	N	1 SF	0.01 %	2.00
PATCHING	L	3 SF	0.02 %	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** 80.0 **% Climate/Durability** 20.0 **% Other**

DILLON AIRPORT

Branch: 52T **TAXIWAY** **T-3**

Length: 6,065 LF **Width:** 35 LF **Area:** 212,275 SF **Last Const. :** 1998 **Family:** 9ACRMU
From: RW 16-34 PARALLEL TW **To:** AND MID-FIELD CONNECTO **Surface:** AC

Inspections

Samples Surveyed: 6 **Total Samples:** 43 **Last Inspection Date:** 10/6/2009 **PCI: 80**

Sample # 5 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	120 LF
DEPRESSION	L	16 SF
WEATHERING/RAVELING	H	1 SF

Sample # 12 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	156 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	9 LF
DEPRESSION	L	8 SF
WEATHERING/RAVELING	H	2 SF
PATCHING	L	2 SF

Sample # 19 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	152 LF
LONGITUDINAL/TRANSVERSE CRACKING	H	4 LF
DEPRESSION	M	6 SF
WEATHERING/RAVELING	H	2 SF
SWELLING	L	2 SF

Sample # 26 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	63 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	3 LF
WEATHERING/RAVELING	H	1 SF
DEPRESSION	L	1 SF

Sample # 33 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	147 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	10 LF
DEPRESSION	L	23 SF
SWELLING	L	15 SF

Sample # 40 **Area:** 4900 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	108 LF
LONGITUDINAL/TRANSVERSE CRACKING	M	28 LF
DEPRESSION	L	60 SF
SWELLING	L	5 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
LONGITUDINAL/TRANSVERSE CRACKING	L	5388 LF	2.54 %	8.84
LONGITUDINAL/TRANSVERSE CRACKING	H	29 LF	0.01 %	7.50
WEATHERING/RAVELING	H	43 SF	0.02 %	6.00
DEPRESSION	M	43 SF	0.02 %	5.20
LONGITUDINAL/TRANSVERSE CRACKING	M	361 LF	0.17 %	4.69
DEPRESSION	L	780 SF	0.37 %	2.21
PATCHING	L	14 SF	0.01 %	2.00
SWELLING	L	159 SF	0.07 %	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

0.0 **% Load** 78.0 **% Climate/Durability** 22.0 **% Other**

DILLON AIRPORT

Branch: 52T **TAXIWAY** **T-4**

Length: 1,063 LF **Width:** 25 LF **Area:** 26,575 SF **Last Const. :** 2002 **Family:** 9ACRMU
From: R-2 **To:** HANGARS **Surface:** AC

Inspections

Samples Surveyed: 3 **Total Samples:** 5 **Last Inspection Date:** 10/6/2009 **PCI: 96**

Sample # 1 **Area:** 5000 SF

Distress Description	Severity	Quantity
LONGITUDINAL/TRANSVERSE CRACKING	L	31 LF
SWELLING	L	20 SF

Sample # 3 **Area:** 5000 SF

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

Sample # 5 **Area:** 5000 SF

Distress Description	Severity	Quantity
NONE		

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	H	2 SF	0.01 %	6.00
LONGITUDINAL/TRANSVERSE CRACKING	L	55 LF	0.21 %	3.15
SWELLING	L	35 SF	0.13 %	1.28
DEPRESSION	L	4 SF	0.01 %	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** 85.0 **% Climate/Durability** 15.0 **% Other**

DILLON AIRPORT

Branch: 52T **TAXIWAY** **T-5**

Length: 912 LF **Width:** 37 LF **Area:** 33,288 SF **Last Const. :** 2009 **Family:** 9ACRMU

From: North end of T-3 **To:** Southern end of A-3 **Surface:** AC

Inspections

Samples Surveyed: 4 **Total Samples:** 8 **Last Inspection Date:** 10/6/2009 **PCI: 97**

Sample # 1 **Area:** 4445 SF

Distress Description	Severity	Quantity
PATCHING	L	4 SF
DEPRESSION	L	1 SF
WEATHERING/RAVELING	M	1 SF

Sample # 3 **Area:** 4445 SF

Distress Description	Severity	Quantity
PATCHING	L	2 SF

Sample # 5 **Area:** 3939 SF

Distress Description	Severity	Quantity
PATCHING	L	1 SF

Sample # 7 **Area:** 3939 SF

Distress Description	Severity	Quantity
PATCHING	L	2 SF

Extrapolated Distress Quantities*

Distress Description	Severity	Quantity	Density	Deduct
WEATHERING/RAVELING	M	2 SF	0.01 %	4.00
PATCHING	L	18 SF	0.05 %	2.00
DEPRESSION	L	2 SF	0.01 %	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** 95.0 **% Climate/Durability** 5.0 **% Other**

DILLON AIRPORT

FIRST YEAR LOCAL:2010 LOCAL REPAIR COST: $13,898

Section	Distress Description	Severity	Quantity	Work Description	Quantity	Cost	Policy
A-11	DEPRESSION	H	13 SF	Patching - AC Deep	31 SF	$1,136	PREV.
A-11	OIL SPILLAGE	N	213 SF	Patching - AC Shallow	275 SF	$4,124	PREV.
A-3	OIL SPILLAGE	N	4 SF	Patching - AC Shallow	16 SF	$229	PREV.
A-3	DEPRESSION	M	33 SF	Patching - AC Deep	60 SF	$2,202	PREV.
A-4	OIL SPILLAGE	N	13 SF	Patching - AC Shallow	30 SF	$450	PREV.
R-3	L & T CR	M	42 LF	Crack Sealing - AC	42 LF	$63	PREV.
R-3	L & T CR	H	56 LF	Crack Sealing - AC	56 LF	$83	PREV.
R-4	L & T CR	M	46 LF	Crack Sealing - AC	46 LF	$68	PREV.
R-4	OIL SPILLAGE	N	17 SF	Patching - AC Shallow	38 SF	$559	PREV.
R-4	DEPRESSION	M	20 SF	Patching - AC Deep	41 SF	$1,511	PREV.
T-2	OIL SPILLAGE	N	2 SF	Patching - AC Shallow	11 SF	$155	PREV.
T-3	L & T CR	H	29 LF	Crack Sealing - AC	29 LF	$43	PREV.
T-3	L & T CR	M	362 LF	Crack Sealing - AC	362 LF	$542	PREV.
T-3	DEPRESSION	M	44 SF	Patching - AC Deep	74 SF	$2,731	PREV.

FIFTEEN YEAR PROJECTIONS: ESTIMATED AVERAGE ANNUAL COST: $259,994

PLAN YEAR: 2010 ESTIMATED COST: $1,275,397

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$5,261				$5,261	93	93
A-3	Prev. & Thin AC	$2,432	$147,600			$150,032	95	100
A-4	Basic Prev.	$450				$450	91	91
R-3	Prev. & Thin AC	$146	$747,842			$747,988	80	93
R-4	Basic Prev.	$2,139				$2,139	82	82
T-2	Prev. & Thin AC	$155	$26,416			$26,571	95	100
T-3	Prev. & Thin AC	$3,316	$339,641			$342,957	79	92

PLAN YEAR: 2011 ESTIMATED COST: $2,163

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$299				$299	89	89
A-4	Basic Prev.	$496				$496	86	86
R-4	Basic Prev.	$944				$944	80	80
T-3	Basic Prev.	$424				$424	89	89

PLAN YEAR: 2012 ESTIMATED COST: $174,942

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$1,466				$1,466	85	85
A-4	Prev. & Thin AC	$1,034	$125,120			$126,154	82	100
R-21	Basic Prev.	$61				$61	90	90
R-3	Basic Prev.	$2,050				$2,050	87	87
R-4	Basic Prev.	$1,261				$1,261	78	78
T-3	Basic Prev.	$1,319				$1,319	86	86
T-4	Prev. & Thin AC	$64	$42,520			$42,585	89	100
T-5	Basic Prev.	$46				$46	89	89

PLAN YEAR: 2013 ESTIMATED COST: $50,371

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Prev. & Fog Seal	$2,572	$38,714			$41,286	82	89
A-3	Basic Prev.	$350				$350	88	88
R-21	Basic Prev.	$855				$855	87	87
R-3	Basic Prev.	$3,917				$3,917	85	85
R-4	Basic Prev.	$1,604				$1,604	76	76
T-2	Basic Prev.	$33				$33	89	89
T-3	Basic Prev.	$2,138				$2,138	84	84
T-5	Basic Prev.	$189				$189	87	87

PLAN YEAR: 2014 ESTIMATED COST: $14,933

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$1,466				$1,466	85	85
A-3	Basic Prev.	$896				$896	84	84
A-4	Basic Prev.	$60				$60	90	90
R-21	Basic Prev.	$1,560				$1,560	85	85
R-3	Basic Prev.	$5,654				$5,654	83	83
R-4	Basic Prev.	$1,961				$1,961	73	73
T-2	Basic Prev.	$102				$102	86	86
T-3	Basic Prev.	$2,917				$2,917	82	82
T-5	Basic Prev.	$318				$318	84	84

DILLON AIRPORT

PLAN YEAR: 2015 ESTIMATED COST: $20,994

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$2,568				$2,568	82	82
A-3	Basic Prev.	$1,407				$1,407	81	81
A-4	Basic Prev.	$640				$640	85	85
R-21	Basic Prev.	$2,219				$2,219	82	82
R-3	Basic Prev.	$7,373				$7,373	80	80
R-4	Basic Prev.	$2,331				$2,331	71	71
T-2	Basic Prev.	$165				$165	84	84
T-3	Basic Prev.	$3,796				$3,796	79	79
T-4	Basic Prev.	$52				$52	89	89
T-5	Basic Prev.	$441				$441	82	82

PLAN YEAR: 2016 ESTIMATED COST: $28,277

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$3,811				$3,811	79	79
A-3	Basic Prev.	$2,081				$2,081	78	78
A-4	Basic Prev.	$1,162				$1,162	81	81
R-21	Basic Prev.	$2,877				$2,877	80	80
R-3	Basic Prev.	$9,814				$9,814	78	78
R-4	Basic Prev.	$2,570				$2,570	68	68
T-2	Basic Prev.	$226				$226	82	82
T-3	Basic Prev.	$5,003				$5,003	77	77
T-4	Basic Prev.	$164				$164	86	86
T-5	Basic Prev.	$570				$570	80	80

PLAN YEAR: 2017 ESTIMATED COST: $36,628

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$5,298				$5,298	76	76
A-3	Basic Prev.	$2,778				$2,778	74	74
A-4	Basic Prev.	$1,800				$1,800	77	77
R-21	Basic Prev.	$3,850				$3,850	78	78
R-3	Basic Prev.	$12,541				$12,541	76	76
R-4	Basic Prev.	$2,776				$2,776	65	65
T-2	Basic Prev.	$294				$294	79	79
T-3	Basic Prev.	$6,267				$6,267	75	75
T-4	Basic Prev.	$266				$266	84	84
T-5	Basic Prev.	$759				$759	77	77

PLAN YEAR: 2018 ESTIMATED COST: $83,827

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Prev. & Fog Seal	$6,717	$38,714			$45,431	73	79
A-3	Basic Prev.	$3,445				$3,445	72	72
A-4	Basic Prev.	$2,422				$2,422	74	74
R-21	Basic Prev.	$4,890				$4,890	76	76
R-3	Basic Prev.	$15,376				$15,376	73	73
R-4	Basic Prev.	$2,978				$2,978	63	63
T-2	Basic Prev.	$388				$388	77	77
T-3	Basic Prev.	$7,577				$7,577	72	72
T-4	Basic Prev.	$364				$364	82	82
T-5	Basic Prev.	$956				$956	75	75

PLAN YEAR: 2019 ESTIMATED COST: $389,816

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$5,294				$5,294	76	76
A-3	Basic Prev.	$3,958				$3,958	69	69
A-4	Basic Prev.	$2,971				$2,971	71	71
R-21	Prev. & Thin AC	$5,979	$285,889			$291,868	73	85
R-3	Basic Prev.	$18,324				$18,324	71	71
R-4	Basic Prev.	$3,176				$3,176	60	60
T-2	Basic Prev.	$486				$486	75	75
T-3	Basic Prev.	$8,845				$8,845	70	70
T-4	Basic Prev.	$474				$474	79	79
T-5	Prev. & Thin AC	$1,159	$53,261			$54,420	73	84

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PLAN YEAR: 2020 ESTIMATED COST: $1,313,257

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$6,717				$6,717	73	73
A-3	Prev. & Thin AC	$4,299	$147,600			$151,899	66	81
A-4	Basic Prev.	$3,344				$3,344	69	69
R-21	Basic Prev.	$2,219				$2,219	82	82
R-3	Prev. & Thin AC	$20,374	$747,842			$768,216	68	80
R-4	Basic Prev.	$3,567				$3,567	58	58
T-2	Prev. & Thin AC	$588	$26,416			$27,004	72	84
T-3	Prev. & Thin AC	$9,584	$339,641			$349,225	67	79
T-4	Basic Prev.	$625				$625	77	77
T-5	Basic Prev.	$441				$441	82	82

PLAN YEAR: 2021 ESTIMATED COST: $36,922

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$8,040				$8,040	70	70
A-3	Basic Prev.	$2,083				$2,083	78	78
A-4	Basic Prev.	$3,566				$3,566	67	67
R-21	Basic Prev.	$2,880				$2,880	80	80
R-3	Basic Prev.	$9,827				$9,827	78	78
R-4	Basic Prev.	$3,941				$3,941	55	55
T-2	Basic Prev.	$226				$226	82	82
T-3	Basic Prev.	$5,007				$5,007	77	77
T-4	Basic Prev.	$783				$783	75	75
T-5	Basic Prev.	$571				$571	80	80

PLAN YEAR: 2022 ESTIMATED COST: $211,875

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$8,758				$8,758	67	67
A-3	Basic Prev.	$2,778				$2,778	74	74
A-4	Prev. & Thin AC	$3,757	$125,120			$128,877	65	77
R-21	Basic Prev.	$3,850				$3,850	78	78
R-3	Basic Prev.	$12,541				$12,541	76	76
R-4	Basic Prev.	$4,285				$4,285	53	53
T-2	Basic Prev.	$294				$294	79	79
T-3	Basic Prev.	$6,267				$6,267	75	75
T-4	Prev. & Thin AC	$947	$42,520			$43,467	72	84
T-5	Basic Prev.	$759				$759	77	77

PLAN YEAR: 2023 ESTIMATED COST: $88,196

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Prev. & Fog Seal	$9,468	$38,714			$48,182	64	70
A-3	Basic Prev.	$3,445				$3,445	72	72
A-4	Basic Prev.	$2,422				$2,422	74	74
R-21	Basic Prev.	$4,890				$4,890	76	76
R-3	Basic Prev.	$15,376				$15,376	73	73
R-4	Basic Prev.	$4,596				$4,596	51	51
T-2	Basic Prev.	$388				$388	77	77
T-3	Basic Prev.	$7,577				$7,577	72	72
T-4	Basic Prev.	$364				$364	82	82
T-5	Basic Prev.	$956				$956	75	75

PLAN YEAR: 2024 ESTIMATED COST: $172,314

SectionI	Maintenance	Local	Global	Major<Crit	Major>Crit	Total	PCI before	PCI after
A-11	Basic Prev.	$8,758				$8,758	67	67
A-3	Basic Prev.	$3,958				$3,958	69	69
A-4	Basic Prev.	$2,971				$2,971	71	71
R-21	Basic Prev.	$5,979				$5,979	73	73
R-3	Basic Prev.	$18,324				$18,324	71	71
R-4	Reconstruct			$121,359		$121,359	50	100
T-2	Basic Prev.	$486				$486	75	75
T-3	Basic Prev.	$8,845				$8,845	70	70
T-4	Basic Prev.	$474				$474	79	79
T-5	Basic Prev.	$1,159				$1,159	73	73

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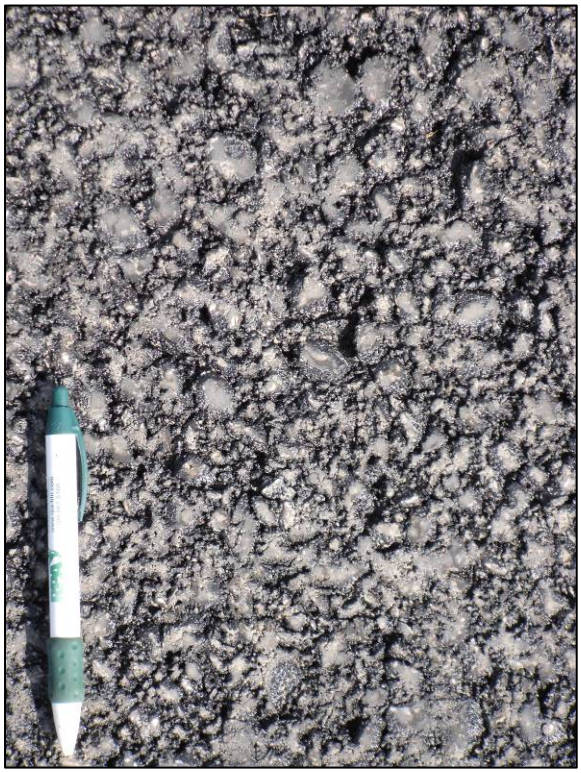
10/6/2009

A-11, overview

A-11, surface detail



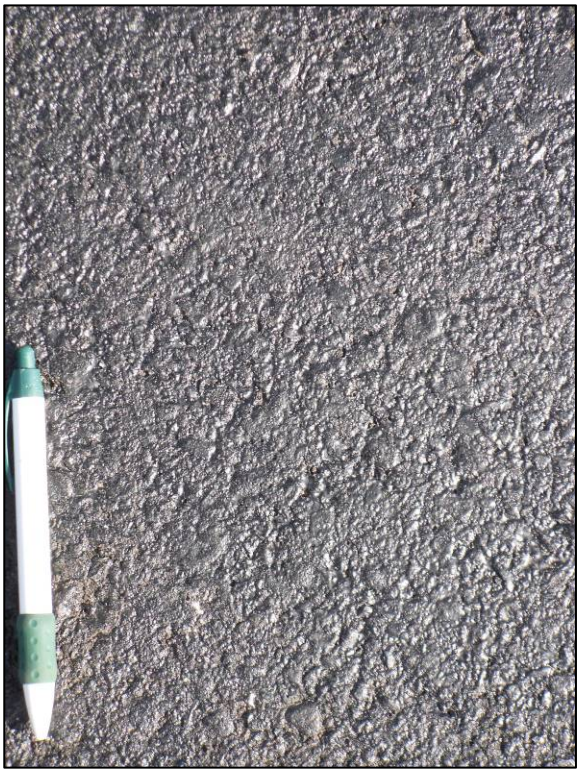
A-3, surface detail

A-3, overview

DILLON AIRPORT

10/6/2009

A-4, overview



A-4, surface detail

T-2, surface detail

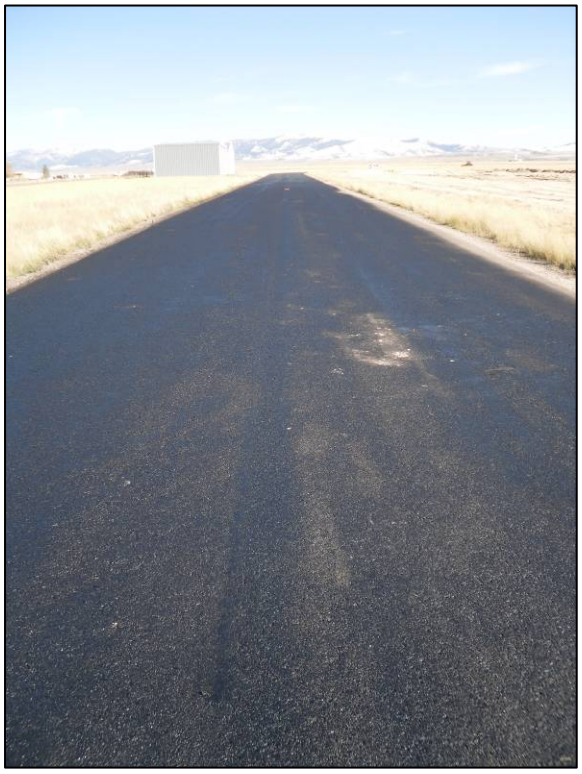
T-2, overview

DILLON AIRPORT

10/6/2009

T-3, surface detail with crack

T-3, overview



T-4, overview

T-4, surface detail

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10/6/2009

T-5, overview

T-5, surface detail with patch

R-21, surface detail

R-21, overview

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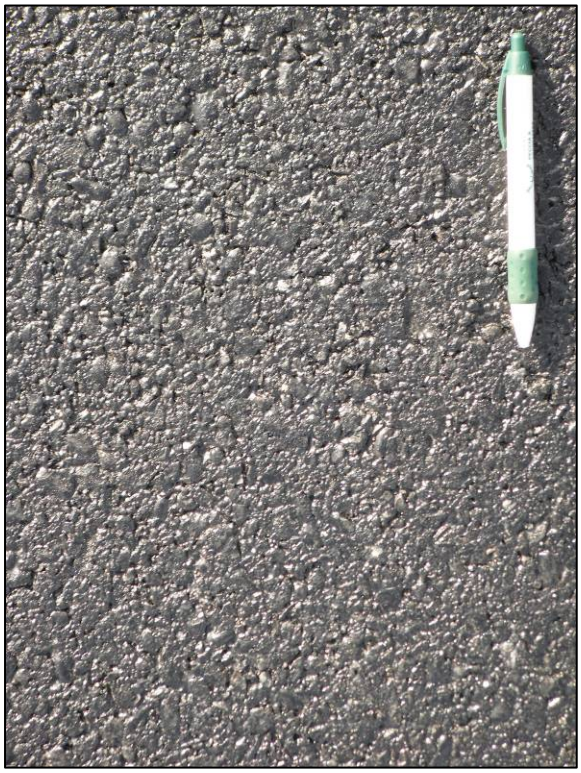
10/6/2009

R-3, overview

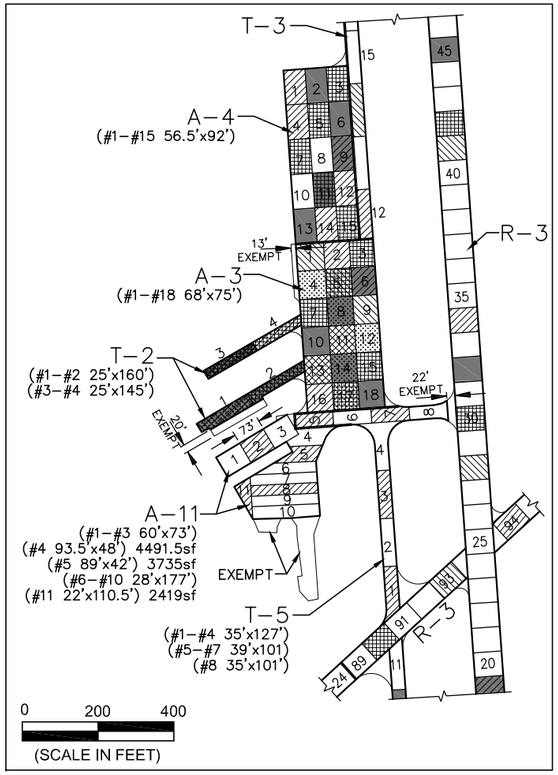
R-3, surface detail

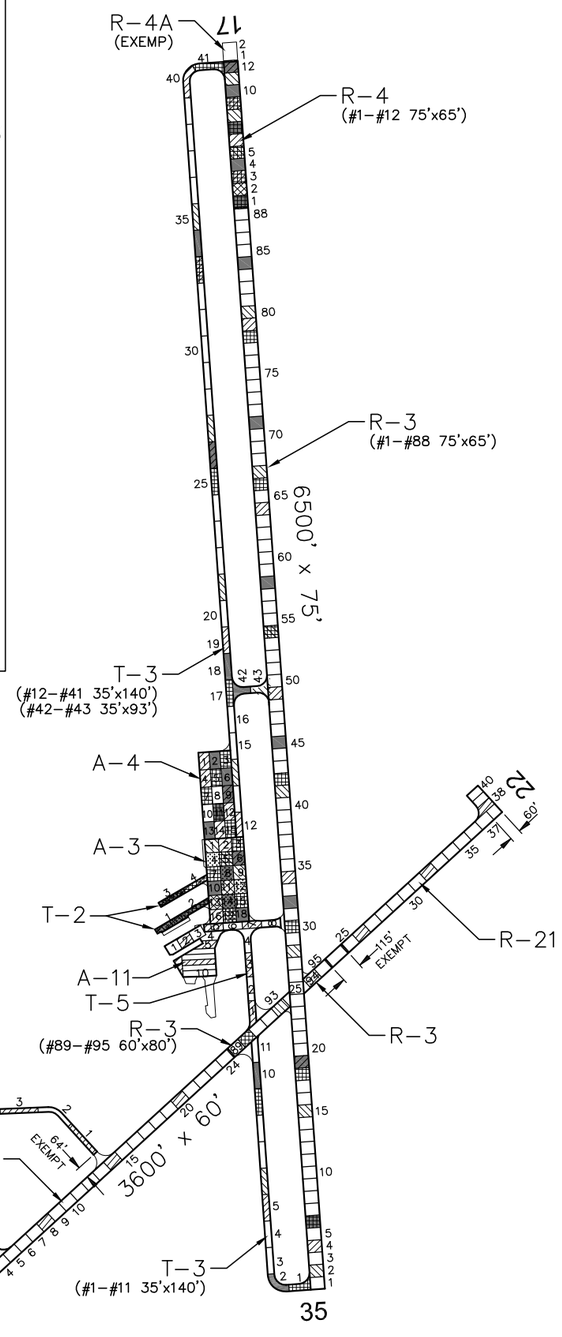


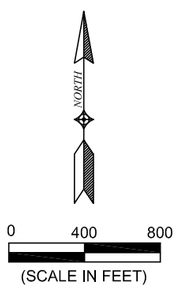
R-4, surface detail

R-4, overview

DILLON







PAVEMENT STRENGTH SURVEY/PAVEMENT CONDITION SURVEY

DILLON

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-21	CBR=5.4	E-6		6"P-207,11"P-208	3" P-401		30,000	30,000		<6
R-3	CBR=3.2	F4/7.5	P-152	6"P-207,9"P-208	3" P-401		30,000	30,000		<4 <5 <6
R-4	CBR=3.2	F4/7.5	24" P-208 WITH FABRIC	15" P-207	3" P-401		30,000	30,000		<4 <6
R-4A	CBR=3.2	F4/7.5		15" P-207	3" P-401		22,000	24,000		<6
TAXIWAYS										
T-2		P-152	10" P-154	4" P-208	1.5" P-401	1.5" P-401	16,000	19,000		<3 <6
T-3	CBR=3.2	P-152	7" P-154	4" P-208	3" P-401		12,500			<4 <6
T-4	CBR=3.2	P-152	7" P-154 WITH FABRIC	4" P-208	3" P-401		12,500			<5 <6
T-5	CBR=5.4	E-6		15" P-207	3" P-401		30,000	30,000		<6
APRONS										
A-11	CBR=5.4	E-6		6"P-207,5.5"P-208	3" P-401		22,000	25,000		<6
A-3		P-152	10" P-154	4" P-208	1.5" P-401	1.5" P-401	16,000	19,000		<3 <6
A-4	CBR=3.2	P-152	13" P-154 WITH FABRIC	6"P-208	4" P-401		33,000	40,000		<5 <6

REMARKS:

A> P-207 = RECLAIMED ASPHALT BASE COURSE AT 1.5" MINUS MATERIAL. PULVERIZING WAS DONE IN PLACE AND MIXED WITH SOME AGGREGATE BASE INTO FINAL MATERIAL.

1> AIP-02, 1988, NEW AND OVERLAY

2> AIP-03, 1988, NEW

3> AIP-04, 1994, EXPAND APRON AND CONSTRUCT ACCESS TAXIWAY.

4> AIP-05, 1998, FULL DEPTH PULVERIZATION AND RECONSTRUCTION RUNWAY 16-34 AND CROSSWIND TRANSITION; CONSTRUCT PARALLEL AND CONNECTING TAXIWAYS.

5> AIP-06, 2002, APRON EXPANSION (A-4); CONSTRUCT TAXIWAY (T-4); CRACK SEAL, FOG SEAL, AND REMARK RUNWAY 3-21.

6> AIP-008/009-2009, RECONSTRUCT RUNWAY 4-22 (R-21) AND APRON (A-11); CONSTRUCT TAXIWAY (T-5); CONSTRUCT RUNWAY 17 BLAST PAD (R-4A); MILL AND OVERLAY APRON (A-3) AND TAXILANES (T-2); CRACK SEAL, FOG SEAL, AND REMARK RUNWAY 17-35 (R-3,R-4), TAXIWAYS (T-3,T-4) AND APRON (A-4); REMOVE TAXIWAY (T-1) AND APRON (A-2).

LEGEND

- 1997 SURVEY AREA
- 2000 SURVEY AREA
- 2003 SURVEY AREA
- 2006 SURVEY AREA
- 2009 SURVEY AREA

DATE OF PAVEMENT STRENGTH SURVEY:	AUG. 22, 1988
EVALUATED BY:	J. STYBA
DATE OF MOST RECENT PAVEMENT CONDITION SURVEY:	OCT. 6, 2009
EVALUATED BY:	N.BELL

MONTANA AVIATION SYSTEM PLAN
2009 UPDATE - PAVEMENT CONDITION INDEXES

DILLON AIRPORT

PREPARED FOR: MONTANA AERONAUTICS DIVISION

DILLON MONTANA

DATE: NOV. 2009

PREPARED BY: RPA