

CURRENT 2024 PAVEMENT CONDITION INDEX

Branch ID	Section ID	Branch Name	Surface Type	Section Area (SF)	Approx. Age at Inspection	Last Major Work Date	Last Inspection Date	Pavement Condition Index	PCI Category
RW01	01	Runway 01-19	AAC	315,000	14.3	8/1/2010	10/3/2024	87	Good
TW	01	Taxiway	AAC	56,700	14.4	7/1/2010	10/3/2024	86	Good
TW	02	Taxiway	AC	42,000	33.1	9/30/1991	10/3/2024	81	Satisfactory
TW	03	Taxiway	AAC	60,000	14.4	7/1/2010	10/3/2024	77	Satisfactory
TW	04	Taxiway	AC	17,500	22.3	8/1/2002	10/3/2024	75	Satisfactory
TW	05	Taxiway	AC	6,200	33.1	9/30/1991	10/3/2024	73	Satisfactory
AP	01	Apron	AAC	76,125	14.3	8/1/2010	10/3/2024	82	Satisfactory

AIRFIELD PAVEMENT WORK HISTORY

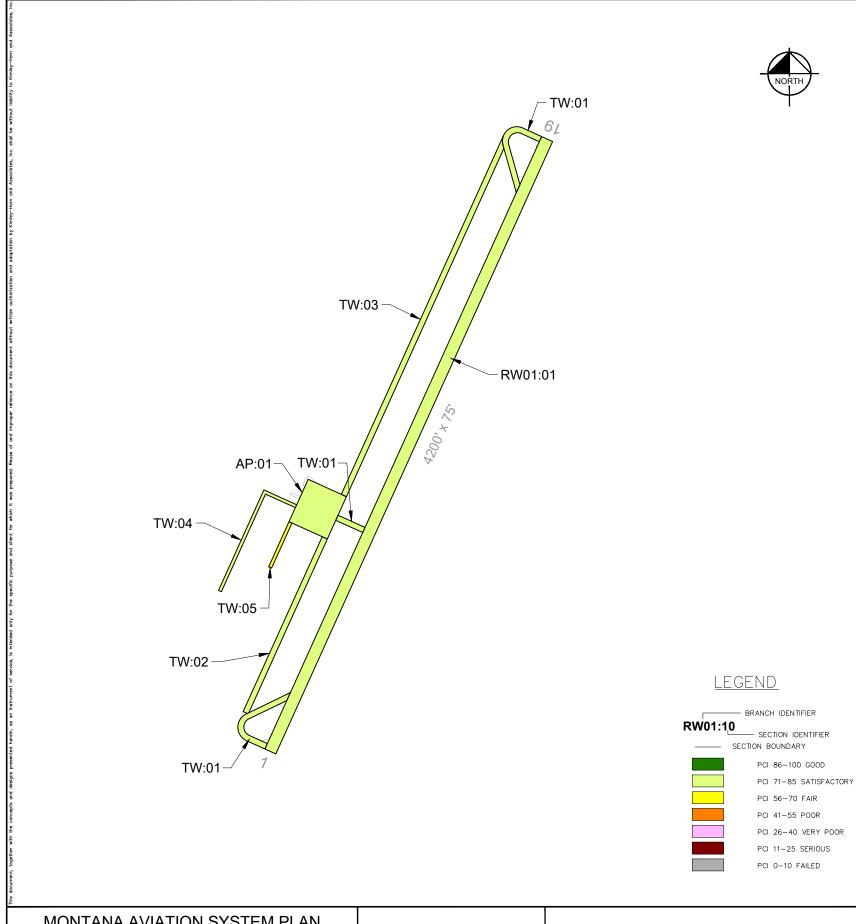
- AIP-003-1991, ALL NEW CONSTRUCTION AIP-004, 2002, CONSTRUCT TAXIWAYS (TW:03,TW:04); CRACK SEAL, FOG SEAL, AND REMARK REMAINING PAVEMENTS.
- AIP-011/012-2010, OVERLAY RUNWAY (RW01:01), TAXIWAYS (TW:01,TW:03) AND APRON (AP:01).
 AIP-013-2014, CRACK SEAL, SEAL COAT, AND REMARK ALL PAVEMENTS.
- 5. AIP-017-2021 CRACK SEAL, SEAL COAT, AND REMARK ALL PAVEMENTS. [INSPECTED AFTER MAINTENANCE PROJECT]

MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES
PREPARED FOR Montana Department of Transportation

Division of Aeronautics



2024 Pavement Condition Index Map 88M - EUREKA AIRPORT



FORECASTED PAVEMENT CONDITION INDEX

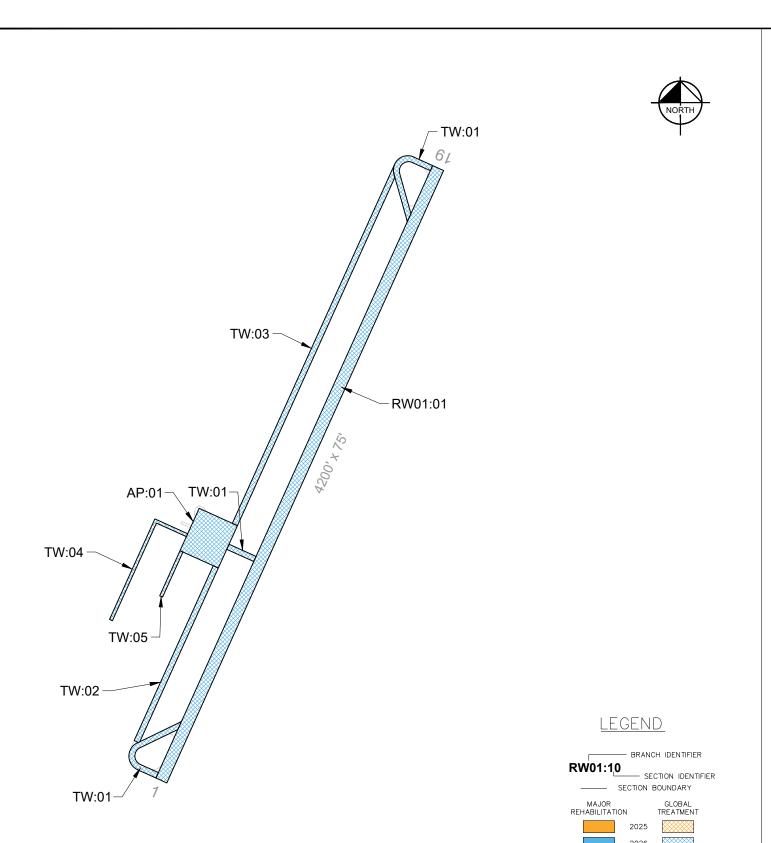
Branch ID	Section ID	Surface Type	Current PCI (2024)	2025	2026	2027	2028	2029
RW01	01	AAC	87	86	84	83	81	80
TW	01	AAC	86	85	83	82	80	79
TW	02	AC	81	81	79	78	77	76
TW	03	AAC	77	77	76	75	74	73
TW	04	AC	75	75	74	73	72	72
TW	05	AC	73	73	72	71	71	70
AP	01	AAC	82	81	79	77	75	74

MONTANA AVIATION SYSTEM PLAN 2024 PAVEMENT CONDITION INDEXES PREPARED FOR

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2029 Forecasted
Pavement Condition Index Map
88M - EUREKA AIRPORT



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5-Year Maintenance and Rehabilitation Map 88M - EUREKA AIRPORT

2027 2028 2029

5-YEAR PAVEMENT NEEDS BY SECTION

Year	Branch ID	Section ID	Surface Type	Section Area (SF)	PCI at Treatment	Recommended Treatment	Treatment Category	
2026	RW01	01	AAC	315,000	84	Crack Seal and Seal Coat	Global Treatment	
2026	TW	01	AAC	56,700	83	Crack Seal and Seal Coat	Global Treatment	
2026	TW	02	AC	42,000	79	Crack Seal and Seal Coat	Global Treatment	
2026	TW	03	AAC	60,000	76	Crack Seal and Seal Coat	Global Treatment	
2026	TW	04	AC	17,500	74	Crack Seal and Seal Coat	Global Treatment	
2026	TW	05	AC	6,200	72	Crack Seal and Seal Coat	Global Treatment	
2026	AP	01	AAC	76,125	79	Crack Seal and Seal Coat	Global Treatment	

Runway



RW01-01-24: Overview



RW01-01-62: L&T Cracking



Taxiway



TW-01-08: L&T Cracking



TW-04-05: Overview



Apron



AP-01-08: L&T Cracking



AP-01-14: Overview



Re-Inspection Report

MDT SASP 2024

Generated Date 1/7/2025 Page 1 of 7

Generated Date	1/7/2025					
Network: 88M		Name:	Eureka Airport			
Branch: AP	Name:	Apron	Use:	APRON	Area:	76,125 SqFt
Section: 01	of 1	From: ENTIRE AI	PRON	To:		Last Const.: 8/1/2010
Surface: AAC	Family: _MDT2024	AP AAC Zone:	EURE	Category: E		Rank: P
Area: 76,12	5 SqFt Length:	290 Ft	Width:	263 Ft		
Slabs:	Slab Length:	Ft Sla	b Width:	Ft	Joint Lengt	h: Ft
Shoulder:	Street Type: ACN	Gr	ade: 0		Lanes:	0
Section Comments:						
Work Date: 9/30/1991	Work Type: New	Construction - Initial	Cod	le: NU-IN	Is Majo	or M&R: True
Work Date: 8/1/2010	Work Type: Ove	rlay - AC Structural	Cod	le: OL-AS	Is Majo	or M&R: True
Work Date: 8/23/2021	Work Type: Crac	ck Sealing - AC	Cod	le: CS-AC	Is Majo	or M&R: False
Work Date: 8/23/2021	Work Type: Surf	ace Seal	Cod	le: SS-LO	Is Majo	or M&R: False
Last Insp. Date: 10/3/2024	TotalS	Samples: 15	Surveyed:	5		
Conditions: PCI: 82						
Inspection Comments:						
Sample Number: 03	Type: R	Area:	5075.00 SqFt	PCI: 86		
Sample Comments:						
48 L & T CR	L	128.00 Ft				
57 WEATHERING	L	2538.00 SqFt				
Sample Number: 04	Type: R	Area:	5075.00 SqFt	PCI: 80		
Sample Comments:						
48 L & T CR	L	164.00 Ft				
48 L & T CR 57 WEATHERING	M L	12.00 Ft 2538.00 SqFt				
Sample Number: 08	Type: R	Area:	5075.00 SqFt	PCI: 82		
Sample Comments:	Type. R	Aita.	3073.00 Sqf t	101. 02		
48 L & T CR	L	136.00 Ft				
48 L & T CR	M	7.00 Ft				
57 WEATHERING	L	2538.00 SqFt	5055.00.00			
Sample Number: 12	Type: R	Area:	5075.00 SqFt	PCI: 82		
Sample Comments:						
48 L & T CR	L	216.00 Ft				
57 WEATHERING	L Towns P.	2538.00 SqFt	5075 00 C E	DCI. 02		
Sample Number: 14	Type: R	Area:	5075.00 SqFt	PCI: 82		
Sample Comments:						
48 L & T CR	L	106.00 Ft				
48 L&TCR 57 WEATHERING	M	22.00 Ft				
57 WEATHERING	L	2538.00 SqFt				

Network:	: 88M				Name:	Eureka Airpo	rt						
Branch:	RW01		Name:	Runway (1-19	Us	se: RI	JNWA	Y	Area:	315	,000 SqFt	
Section:	01	of 1		From: ST.	4 0+00 RWY	18/36		To:	STA 42+0	00 RWY 18/36		Last Const.	8/1/2010
Surface:	AAC	Family: _M	1DT2024 -	RW AC AAC	Zone: E	URE		Categ	ory: E			Rank: P	
Area:	315,0	000 SqFt	Length	: 4,2	00 Ft	Width:			75 Ft				
Slabs:		Slab Length:		Ft	Slab W	idth:		Ft		Joint L	ength:]	₹t
Shoulder	:	Street Type:	ACR		Grade:	0				Lanes:	0		
Section C	Comments:												
Work Da	ite: 9/30/1991	Work '	Type: Ne	w Construction -	Initial		Code:	NU-I	N	Is I	Major M&	&R: True	
Work Da	ate: 8/1/2010	Work	Type: Ov	erlay - AC Struc	tural		Code:	OL-A	\S	Is I	Major Mé	&R: True	
Work Da	ate: 8/23/2021	Work '	Type: Cra	ck Sealing - AC			Code:	CS-A	.C	Is I	Major M&	&R: False	
Work Da	ate: 8/23/2021	Work '	Type: Sur	face Seal			Code:	SS-L	О	Is I	Major Mé	&R: False	
Last Insp	Date: 10/3/202	24	Total	Samples: 65		Surv	eyed:	7					
Condition	ns: PCI: 87												
Inspectio	n Comments:												
Sample N	Number: 04	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 90				
Sample C	Comments:												
48 L	& T CR		L	86.00 Ft									
57 W	'EATHERING		L	1219.00 Sc									
Sample N	Number: 14	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 88				
Sample C	Comments:												
48 L	& T CR		L	120.00 Ft									
57 W	EATHERING		L	1219.00 Sc	Ft								
Sample N	Number: 24	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 86				
Sample C	Comments:												
	& T CR		L	165.00 Ft									
57 W	EATHERING		L	1219.00 Sc	Ft								
•	Number: 34	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 89				
Sample C	Comments:												
	& T CR		L	105.00 Ft									
	EATHERING		L	1219.00 Sc									
-	Number: 44	Type:	R	Are	a:	4875.00 SqFt		F	PCI : 91				
Sample C	Comments:												
	& T CR		L	68.00 Ft									
	EATHERING		L	1219.00 Sc									
_	Number: 54	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 83				
Sample C	Comments:												
	& T CR		L	213.00 Ft									
	EATHERING		L	1219.00 Sc									
-	Number: 62	Type:	R	Are	a:	4875.00 SqFt		F	PCI: 84				
Sample C	Comments:												
	& T CR		L	199.00 Ft									
57 W	EATHERING		L	1219.00 Sc	Ft								

Network: 88M		Name:	Eureka Airport			
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	Area: 182	400 SqFt
Section: 01	of 5	From: APRON To	O RWY 18/36	To: AND TUR	NAROUNDS	Last Const.: 7/1/2010
Surface: AAC	Family: _MDT2024 -	TW AAC Zone:	EURE	Category: E	1	Rank: P
Area: 56,700	0 SqFt Length	: 1,620 Ft	Width:	35 Ft		
Slabs:	Slab Length:	Ft SI	ab Width:	Ft	Joint Length:	Ft
Shoulder:	Street Type: ACR	G	rade: 0		Lanes: 0	
Section Comments:						
Work Date: 9/30/1991	Work Type: Ne	w Construction - Initial	C	ode: NU-IN	Is Major M&	kR: True
Work Date: 7/1/2010	Work Type: Ov	erlay - AC Structural	C	ode: OL-AS	Is Major M&	kR: True
Work Date: 8/23/2021	Work Type: Cra	ck Sealing - AC	C	ode: CS-AC	Is Major M&	kR: False
Work Date: 8/23/2021	Work Type: Sur	face Seal	C	ode: SS-LO	Is Major Mé	kR: False
Last Insp. Date: 10/3/2024	Total	Samples: 12	Surveye	ed: 4		
Conditions: PCI: 86						
Inspection Comments:						
Sample Number: 02	Type: R	Area:	5325.00 SqFt	PCI: 84		
Sample Comments:	Type. R	ziica.	3323.00 Sq1 t	101. 01		
•	_					
8 L&TCR	L	56.00 Ft				
48 L & T CR 57 WEATHERING	M L	24.00 Ft 1331.00 SqFt				
			5075 00 G Fr	DCI 02		
Sample Number: 04	Type: R	Area:	5075.00 SqFt	PCI: 92		
Sample Comments:						
48 L & T CR	L	43.00 Ft				
7 WEATHERING	L	1269.00 SqFt				
Sample Number: 08	Type: R	Area:	3238.00 SqFt	PCI: 82		
Sample Comments:	••					
18 L & T CR	L	44.00 Ft				
18 L & T CR	M	16.00 Ft				
WEATHERING	L	1619.00 SqFt				
Sample Number: 12	Type: R	Area:	5075.00 SqFt	PCI: 86		
Sample Comments:			-			
18 L & T CR	L	60.00 Ft				
40 I 0 T CD	3.6	12.00 E				

M L

48

57

L & T CR

WEATHERING

13.00 Ft 1269.00 SqFt

Network: 88M		Name	e: Eureka Airport			
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	Area:	182,400 SqFt
Section: 02	of 5	From: SOUTH	T-1 TURNAROUND	To: APRON		Last Const.: 9/30/1991
Surface: AC	Family: _MDT2024 -	TW AC Zone	: EURE	Category: E		Rank: P
Area: 42,00	00 SqFt Length:	1,200 Ft	Width:	35 Ft		
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Lengt	h: Ft
Shoulder:	Street Type: ACR		Grade: 0		Lanes:)
Section Comments:						
Work Date: 9/30/1991	Work Type: New	Construction - Initia	al C	Code: NU-IN	Is Majo	r M&R: True
Work Date: 8/23/2021	Work Type: Surf	ace Seal	(Code: SS-LO	Is Majo	r M&R: False
Work Date: 8/23/2021	Work Type: Crac	ck Sealing - AC	(Code: CS-AC	Is Majo	r M&R: False
Last Insp. Date: 10/3/2024	4 Totals	Samples: 6	Surveyo	ed: 3		
Conditions: PCI: 81						
Inspection Comments:						
Sample Number: 01	Type: R	Area:	6971.00 SqFt	PCI: 81		
Sample Comments:						
48 L & T CR	L	10.00 Ft				
48 L & T CR	M	109.00 Ft				
57 WEATHERING	L	3486.00 SqFt	(002.00 G Fr	DCI. 01		
Sample Number: 03	Type: R	Area:	6993.00 SqFt	PCI: 81		
Sample Comments:						
48 L & T CR 57 WEATHERING	M L	112.00 Ft				
Sample Number: 05	Type: R	3496.00 SqFt Area:	6993.00 SqFt	PCI: 82		
Sample Comments:	Type. R	Ai ca:	0333.00 SqFt	1 (1. 62		
•						
48 L & T CR 57 WEATHERING	M L	100.00 Ft				
3/ WEATHERING	L	3496.00 SqFt				

Network: 88M		Name	Eureka Airport		
Branch: TW	Name:	Taxiway	Use:	TAXIWAY	Area: 182,400 SqFt
Section: 03	of 5	From: A-1		To: T-1	Last Const.: 7/1/2010
Surface: AAC	Family: _MDT2024 -	TW AAC Zone:	EURE	Category: E	Rank: P
Area: 60,00	00 SqFt Length	2,400 Ft	Width:	25 Ft	
Slabs:	Slab Length:	Ft S	lab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACR	(Grade: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/2002	Work Type: Ne	w Construction - Initial	Со	de: NU-IN	Is Major M&R: True
Work Date: 7/1/2010	Work Type: Ov	erlay - AC Structural	Со	de: OL-AS	Is Major M&R: True
Work Date: 8/23/2021	Work Type: Cra	ck Sealing - AC	Со	de: CS-AC	Is Major M&R: False
Work Date: 8/23/2021	Work Type: Sur	face Seal	Со	de: SS-LO	Is Major M&R: False
Last Insp. Date: 10/3/2024	4 Total	Samples: 12	Surveyed	l: 4	
Conditions: PCI: 77					
Inspection Comments:					
Sample Number: 02	Type: R	Area:	6993.00 SqFt	PCI: 79	
Sample Comments:					
48 L & T CR	L	214.00 Ft			
48 L & T CR	M	62.00 Ft			
57 WEATHERING	L	6993.00 SqFt			
Sample Number: 05	Type: R	Area:	6993.00 SqFt	PCI: 76	
Sample Comments:					
48 L & T CR	L	240.00 Ft			
48 L & T CR	M	117.00 Ft			
57 WEATHERING	L	6993.00 SqFt			
Sample Number: 08	Type: R	Area:	6993.00 SqFt	PCI: 77	
Sample Comments:					
48 L & T CR	L	266.00 Ft			
48 L & T CR	M	99.00 Ft			
57 WEATHERING	L	6993.00 SqFt			
Sample Number: 11	Type: R	Area:	6993.00 SqFt	PCI: 76	
Sample Comments:					
48 L & T CR	L	247.00 Ft			

116.00 Ft

6993.00 SqFt

M

L

48

57

L & T CR

WEATHERING

Network: 88M		Name	: Eureka Airport		
Branch: TW	Name:	Taxiway	Use:	TAXIWAY A	rea: 182,400 SqFt
Section: 04	of 5	From: A-1		To: HANGARS	Last Const.: 8/1/2002
Surface: AC	Family: _MDT2024 -	TW AC Zone:	EURE	Category: E	Rank: P
Area: 17,5	600 SqFt Length:	875 Ft	Width:	20 Ft	
Slabs:	Slab Length:	Ft S	Slab Width:	Ft	Joint Length: Ft
Shoulder:	Street Type: ACR		Grade: 0		Lanes: 0
Section Comments:					
Work Date: 8/1/2002	Work Type: Nev	v Construction - Initia	1 C	ode: NU-IN	Is Major M&R: True
Work Date: 8/23/2021	Work Type: Sur	face Seal	C	ode: SS-LO	Is Major M&R: False
Work Date: 8/23/2021	Work Type: Cra	ck Sealing - AC	C	ode: CS-AC	Is Major M&R: False
Last Insp. Date: 10/3/202	24 Total	Samples: 5	Surveye	ed: 3	
Conditions: PCI: 75					
Inspection Comments:					
Sample Number: 01	Type: R	Area:	3500.00 SqFt	PCI: 74	
Sample Comments:					
48 L & T CR	L	198.00 Ft			
48 L & T CR	M	14.00 Ft			
57 WEATHERING	L	1750.00 SqFt			
Sample Number: 03	Type: R	Area:	3500.00 SqFt	PCI: 75	
Sample Comments:					
48 L & T CR	L	174.00 Ft			
48 L & T CR	M	22.00 Ft			
57 WEATHERING	L	1750.00 SqFt			
Sample Number: 05	Type: R	Area:	3500.00 SqFt	PCI: 75	
Sample Comments:					
48 L & T CR	L	190.00 Ft			
48 L & T CR	M	55.00 Ft			
57 WEATHERING	L	1750.00 SqFt			

1750.00 SqFt

L

WEATHERING

Network: 88M			Name: Euro	eka Airport			
Branch: TW	Na	me: Taxiwa	y	Use:	TAXIWAY	Area:	182,400 SqFt
Section: 05	of 5	From: A	1 -1		To: Hangars		Last Const.: 9/30/199
Surface: AC	Family: _MDT2	2024 - TW AC	Zone: EURE		Category: E		Rank: P
Area: 6,20	00 SqFt L	ength:	310 Ft	Width:	20 Ft		
Slabs:	Slab Length:	Ft	Slab Width:		Ft	Joint Length	h: Ft
Shoulder:	Street Type: A	CR	Grade: 0			Lanes: 0)
Section Comments:							
Work Date: 9/30/1991	Work Type	e: New Construction	n - Initial	Co	ode: NU-IN	Is Major	r M&R: True
Work Date: 8/23/2021	Work Type	e: Surface Seal		Co	ode: SS-LO	Is Major	r M&R: False
Work Date: 8/23/2021	Work Type	e: Crack Sealing - A	ı,C	Co	ode: CS-AC	Is Major	r M&R: False
Last Insp. Date: 10/3/2024	4	TotalSamples: 2		Surveyed	d: 2		
Conditions: PCI: 73							
Inspection Comments:							
Sample Number: 01	Type:	R Aı	rea: 3100	0.00 SqFt	PCI: 71		
Sample Comments:							
48 L & T CR	L	38.00	Ft				
48 L & T CR	M	103.00	Ft				
57 WEATHERING	L	1550.00	SqFt				
Sample Number: 02	Type:	R Aı	rea: 3100	0.00 SqFt	PCI: 75		
Sample Comments:							
48 L & T CR	L	161.00	Ft				
48 L & T CR	M	42.00	Ft				
	_		~ =				

57

WEATHERING

L

1550.00 SqFt