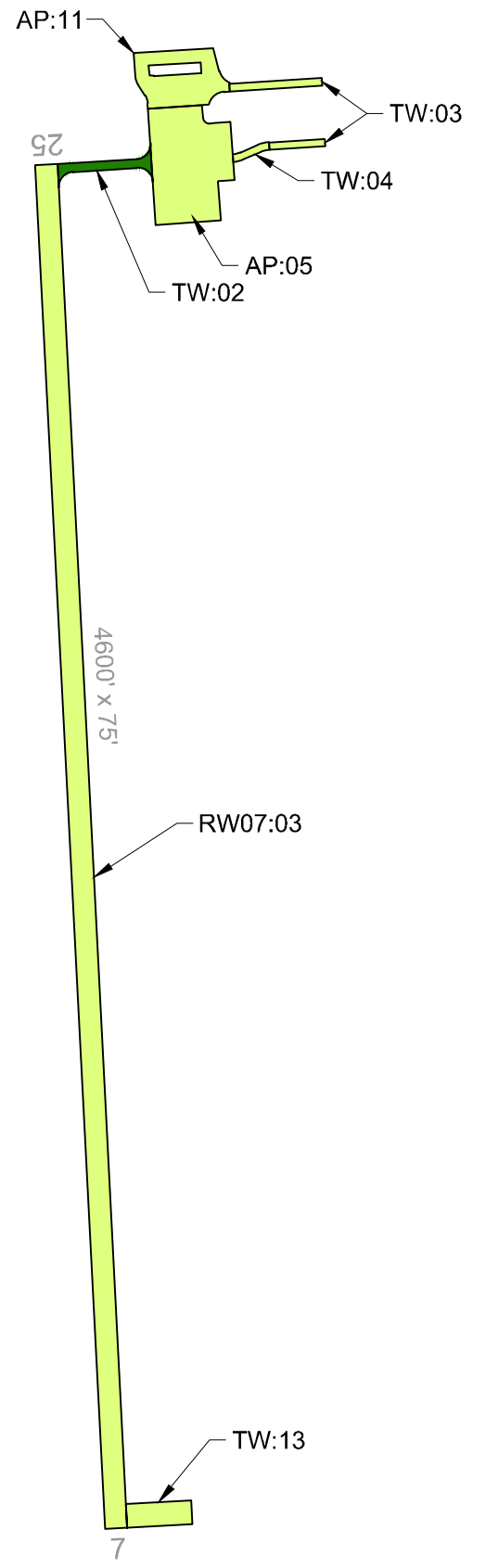


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LEGEND

BRANCH IDENTIFIER
SECTION IDENTIFIER
SECTION BOUNDARY

	PCI 86-100 GOOD
	PCI 71-85 SATISFACTORY
	PCI 56-70 FAIR
	PCI 41-55 POOR
	PCI 26-40 VERY POOR
	PCI 11-25 SERIOUS
	PCI 0-10 FAILED

CURRENT 2021 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
AP	05	Apron	AC	96,824	24.2	8/20/1997	9/2/2021	71	Satisfactory
AP	11	Apron	AC	42,706	11.1	10/1/2010	9/2/2021	81	Satisfactory
RW07	03	Runway 07-25	AC	345,000	24.2	8/20/1997	9/2/2021	82	Satisfactory
TW	02	Taxiway	AC	10,850	11.1	10/1/2010	9/2/2021	88	Good
TW	03	Taxiway	AC	16,825	24.2	8/20/1997	9/2/2021	72	Satisfactory
TW	04	Taxiway	AC	3,250	11.1	10/1/2010	9/2/2021	73	Satisfactory
TW	13	Taxiway	AC	17,600	24.2	8/20/1997	9/2/2021	79	Satisfactory

AIRFIELD PAVEMENT WORK HISTORY

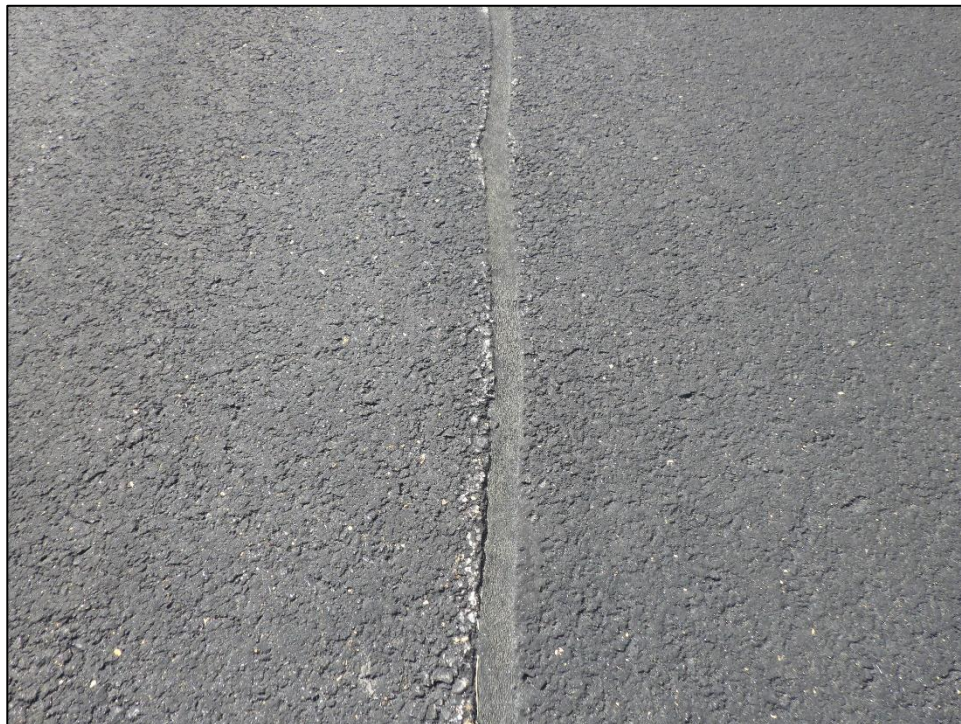
1. AIP-001-1985, RUNWAY EXTENDED 1400 LF; ALL SURFACES RECEIVED 1" P-402 OVERLAY.
2. AIP-002-1997, REHABILITATE RUNWAY 7/25, TAXIWAY, AND APRON; CONSTRUCT HANGAR ACCESS TAXIWAYS AND TURNAROUND EXTENSION; INSTALL EDGE DRAIN NORTH SIDE OF RUNWAY.
3. AIP-003-2005, CRACK SEAL, FOG SEAL, AND REMARK PAVEMENTS.
4. AIP-005-2010, 2" OVERLAY RUNWAY (RW07:03), TAXIWAYS (TW:02,TW:13); RECONSTRUCT APRON (AP:11); CRACK SEAL, FOG SEAL, AND REMARK REMAINING PAVEMENTS.
5. AIP-006-2015, CRACK SEAL, SEAL COAT, AND REMARK PAVEMENTS [INSPECTED AFTER MAINTENANCE PROJECT].
5. AIP-007-2020, CRACK SEAL, SEAL COAT, AND REMARK PAVEMENTS.

MONTANA AVIATION SYSTEM PLAN
2021 PAVEMENT CONDITION INDEXES
PREPARED FOR
Montana Department of Transportation
Division of Aeronautics



Pavement Condition Index Map
LTY - LIBERTY COUNTY (CHESTER)
AIRPORT

Runway



RW07-03-05: L&T Cracking



RW07-03-25: Weathering

Taxiway



TW02-01: L&T Cracking

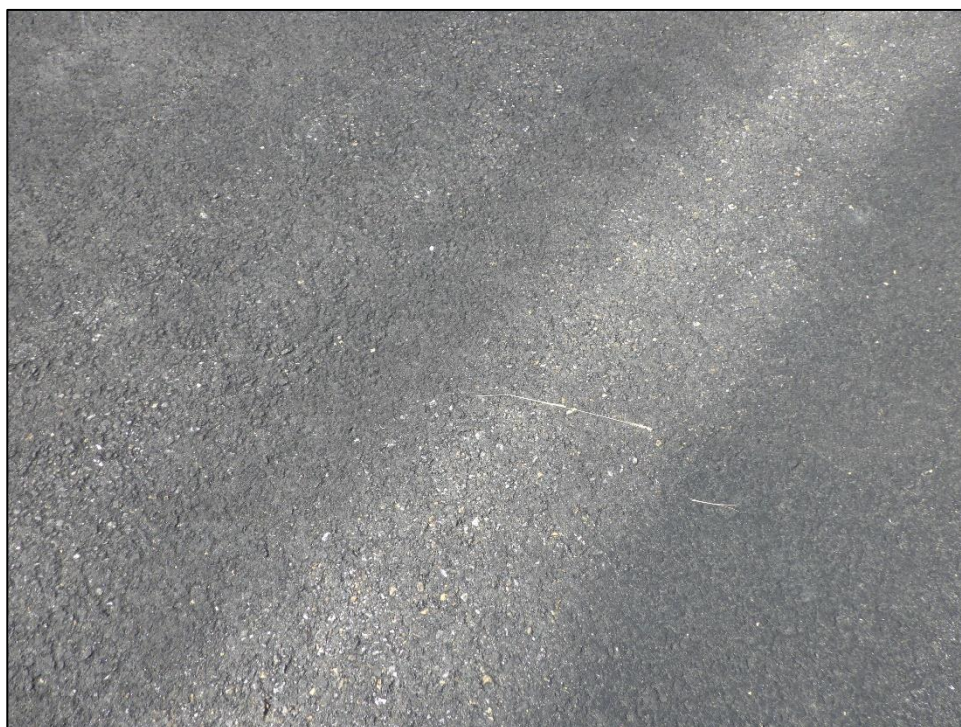


TW03-02: Alligator Cracking

Apron



AP05-07: L&T Cracking



AP11-02: Weathering

Re-Inspection Report

MDT SASP 2021

Generated Date 12/6/2021

Page 1 of 7

Network: LTY **Name:** Liberty County (Chester) Airport

Branch: AP **Name:** Apron **Use:** APRON **Area:** 139,530 SqFt

Section: 05 of 2 **From:** T-2 **To:** A-2 AND A-4 **Last Const.:** 8/20/1997

Surface: AC **Family:** DEFAULT **Zone:** **Category:** D **Rank:** P

Area: 96,824 SqFt **Length:** 392 Ft **Width:** 247 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** ACN **Grade:** 0 **Lanes:** 0

Section Comments:

Work Date: 8/20/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2020 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Work Date: 1/1/2020 **Work Type:** Surface Seal **Code:** SS-LO **Is Major M&R:** False

Last Insp. Date: 9/2/2021 **TotalSamples:** 18 **Surveyed:** 5

Conditions: PCI: 71

Inspection Comments:

Sample Number: 03 **Type:** R **Area:** 5390.00 SqFt **PCI:** 71

Sample Comments:

48 L & T CR L 307.00 Ft
 48 L & T CR M 153.00 Ft
 57 WEATHERING L 5390.00 SqFt

Sample Number: 07 **Type:** R **Area:** 5390.00 SqFt **PCI:** 68

Sample Comments:

48 L & T CR L 407.00 Ft
 48 L & T CR M 206.00 Ft
 57 WEATHERING L 5390.00 SqFt

Sample Number: 11 **Type:** R **Area:** 5390.00 SqFt **PCI:** 69

Sample Comments:

48 L & T CR L 467.00 Ft
 48 L & T CR M 25.00 Ft
 57 WEATHERING L 5390.00 SqFt

Sample Number: 13 **Type:** R **Area:** 5390.00 SqFt **PCI:** 76

Sample Comments:

48 L & T CR L 388.00 Ft
 57 WEATHERING L 5390.00 SqFt

Sample Number: 15 **Type:** R **Area:** 5390.00 SqFt **PCI:** 73

Sample Comments:

48 L & T CR L 328.00 Ft
 48 L & T CR M 56.00 Ft
 57 WEATHERING L 5390.00 SqFt

Network:	LTY		Name:	Liberty County (Chester) Airport					
Branch:	AP	Name:	Apron	Use:	APRON	Area:	139,530 SqFt		
Section:	11	of 2	From:	A-5	To:	T-3	Last Const.:	10/1/2010	
Surface:	AC	Family:	DEFAULT	Zone:		Category:	D	Rank:	P
Area:	42,706 SqFt	Length:	315 Ft	Width:	180 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:	ACN	Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	10/1/2010	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	1/1/2020	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Work Date:	1/1/2020	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Last Insp. Date:	9/2/2021	TotalSamples:	11	Surveyed:	5				
Conditions:	PCI:	81							
Inspection Comments:									
Sample Number:	02	Type:	R	Area:	4860.00 SqFt	PCI:	78		
Sample Comments:									
48	L & T CR	L	302.00	Ft					
57	WEATHERING	L	4860.00	SqFt					
Sample Number:	03	Type:	R	Area:	4860.00 SqFt	PCI:	85		
Sample Comments:									
48	L & T CR	L	145.00	Ft					
57	WEATHERING	L	4860.00	SqFt					
Sample Number:	05	Type:	R	Area:	4860.00 SqFt	PCI:	77		
Sample Comments:									
48	L & T CR	L	204.00	Ft					
48	L & T CR	M	12.00	Ft					
57	WEATHERING	L	4860.00	SqFt					
Sample Number:	07	Type:	R	Area:	4050.00 SqFt	PCI:	81		
Sample Comments:									
45	DEPRESSION	L	8.00	SqFt					
48	L & T CR	L	172.00	Ft					
57	WEATHERING	L	4050.00	SqFt					
Sample Number:	09	Type:	R	Area:	3938.00 SqFt	PCI:	84		
Sample Comments:									
45	DEPRESSION	L	6.00	SqFt					
48	L & T CR	L	129.00	Ft					
57	WEATHERING	L	3938.00	SqFt					

Network:	LTY		Name:	Liberty County (Chester) Airport					
Branch:	RW07	Name:	Runway 07-25	Use:	RUNWAY	Area:	345,000 SqFt		
Section:	03	of	1	From:	T-2	To:	T-3	Last Const.:	8/20/1997
Surface:	AC	Family:	DEFAULT	Zone:		Category:	D	Rank:	P
Area:	345,000 SqFt	Length:	4,600 Ft	Width:	75 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:	ACR	Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	8/20/1997	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	10/1/2010	Work Type:	Thin Overlay-AC		Code:	OL-AC	Is Major M&R:	False	
Work Date:	1/1/2020	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Work Date:	1/1/2020	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Last Insp. Date:	9/2/2021	TotalSamples:	71	Surveyed:	7				
Conditions:	PCI:	82							
Inspection Comments:									
Sample Number:	05	Type:	R	Area:	4875.00 SqFt	PCI:	75		
Sample Comments:									
48	L & T CR	L	248.00	Ft					
48	L & T CR	M	8.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	15	Type:	R	Area:	4875.00 SqFt	PCI:	82		
Sample Comments:									
48	L & T CR	L	198.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	25	Type:	R	Area:	4875.00 SqFt	PCI:	88		
Sample Comments:									
48	L & T CR	L	88.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	35	Type:	R	Area:	4875.00 SqFt	PCI:	83		
Sample Comments:									
48	L & T CR	L	187.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	45	Type:	R	Area:	4875.00 SqFt	PCI:	80		
Sample Comments:									
48	L & T CR	L	156.00	Ft					
48	L & T CR	M	5.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	55	Type:	R	Area:	4875.00 SqFt	PCI:	85		
Sample Comments:									
48	L & T CR	L	144.00	Ft					
57	WEATHERING	L	4875.00	SqFt					
Sample Number:	65	Type:	R	Area:	4875.00 SqFt	PCI:	82		
Sample Comments:									
48	L & T CR	L	214.00	Ft					
57	WEATHERING	L	4875.00	SqFt					

Network:	LTY		Name:	Liberty County (Chester) Airport					
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	48,525 SqFt		
Section:	02	of 4	From:	R-3	To:	A-5	Last Const.:	10/1/2010	
Surface:	AC	Family:	DEFAULT	Zone:		Category:	D	Rank:	P
Area:	10,850 SqFt	Length:	310 Ft	Width:	35 Ft				
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft		
Shoulder:		Street Type:	ACR	Grade:	0	Lanes:	0		
Section Comments:									
Work Date:	8/20/1997	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	10/1/2010	Work Type:	2 in overlay		Code:	OL_2	Is Major M&R:	True	
Work Date:	1/1/2020	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Work Date:	1/1/2020	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Last Insp. Date:	9/2/2021	TotalSamples:	2	Surveyed:	2				
Conditions:	PCI: 88								
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	5257.00 SqFt	PCI:	87		
Sample Comments:									
48	L & T CR	L	113.00	Ft					
57	WEATHERING	L	5257.00	SqFt					
Sample Number:	02	Type:	R	Area:	5798.00 SqFt	PCI:	89		
Sample Comments:									
48	L & T CR	L	58.00	Ft					
57	WEATHERING	L	5798.00	SqFt					

Network: LTY **Name:** Liberty County (Chester) Airport

Branch: TW **Name:** Taxiway **Use:** TAXIWAY **Area:** 48,525 SqFt

Section: 03 of 4 **From:** A-11 **To:** HANGAR ACCESS **Last Const.:** 8/20/1997

Surface: AC **Family:** DEFAULT **Zone:** **Category:** D **Rank:** P

Area: 16,825 SqFt **Length:** 673 Ft **Width:** 25 Ft

Slabs: **Slab Length:** Ft **Slab Width:** Ft **Joint Length:** Ft

Shoulder: **Street Type:** ACR **Grade:** 0 **Lanes:** 0

Section Comments:

Work Date: 8/20/1997 **Work Type:** New Construction - Initial **Code:** NU-IN **Is Major M&R:** True

Work Date: 1/1/2020 **Work Type:** Surface Seal **Code:** SS-LO **Is Major M&R:** False

Work Date: 1/1/2020 **Work Type:** Crack Sealing - AC **Code:** CS-AC **Is Major M&R:** False

Last Insp. Date: 9/2/2021 **TotalSamples:** 3 **Surveyed:** 3

Conditions: PCI: 72

Inspection Comments:

Sample Number: 01 **Type:** R **Area:** 4775.00 SqFt **PCI:** 70

Sample Comments:

41 ALLIGATOR CR L 24.00 SqFt

48 L & T CR L 196.00 Ft

48 L & T CR M 45.00 Ft

57 WEATHERING L 4775.00 SqFt

Sample Number: 02 **Type:** R **Area:** 3838.00 SqFt **PCI:** 64

Sample Comments:

41 ALLIGATOR CR M 26.00 SqFt

48 L & T CR L 260.00 Ft

57 WEATHERING L 3838.00 SqFt

Sample Number: 03 **Type:** R **Area:** 3838.00 SqFt **PCI:** 80

Sample Comments:

48 L & T CR L 194.00 Ft

57 WEATHERING L 3838.00 SqFt

Network:	LTY	Name:	Liberty County (Chester) Airport						
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	48,525 SqFt		
Section:	04	of 4	From:	A-5	To:	T-3	Last Const.:	10/1/2010	
Surface:	AC	Family:	DEFAULT	Zone:	CHES	Category:	D	Rank:	P
Area:	3,250 SqFt	Length:	130 Ft	Width:	25 Ft				
Slabs:	Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft			
Shoulder:	Street Type:	ACR	Grade:	0	Lanes:	0			
Section Comments:									
Work Date:	10/1/2010	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R:	True	
Work Date:	1/1/2020	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R:	False	
Work Date:	1/1/2020	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R:	False	
Last Insp. Date:	9/2/2021	TotalSamples:	1	Surveyed:	1				
Conditions:	PCI:	73							
Inspection Comments:									
Sample Number:	01	Type:	R	Area:	3250.00 SqFt	PCI:	73		
Sample Comments:									
45	DEPRESSION	L	28.00	SqFt					
48	L & T CR	L	196.00	Ft					
57	WEATHERING	L	3250.00	SqFt					

Network:	LTY		Name:	Liberty County (Chester) Airport			
Branch:	TW	Name:	Taxiway	Use:	TAXIWAY	Area:	48,525 SqFt
Section:	13	of 4	From:	R-3	To:	End	Last Const.: 8/20/1997
Surface:	AC	Family:	DEFAULT	Zone:		Category:	D
Area:	17,600 SqFt	Length:	320 Ft	Width:	55 Ft	Rank:	P
Slabs:		Slab Length:	Ft	Slab Width:	Ft	Joint Length:	Ft
Shoulder:		Street Type:	ACR	Grade:	0	Lanes:	0
Section Comments:							
Work Date:	8/20/1997	Work Type:	New Construction - Initial		Code:	NU-IN	Is Major M&R: True
Work Date:	10/1/2010	Work Type:	Thin Overlay-AC		Code:	OL-AC	Is Major M&R: False
Work Date:	1/1/2020	Work Type:	Crack Sealing - AC		Code:	CS-AC	Is Major M&R: False
Work Date:	1/1/2020	Work Type:	Surface Seal		Code:	SS-LO	Is Major M&R: False
Last Insp. Date:	9/2/2021	TotalSamples:	4	Surveyed:	3		
Conditions:	PCI: 79						
Inspection Comments:							
Sample Number:	02	Type:	R	Area:	4400.00 SqFt	PCI:	78
Sample Comments:							
48	L & T CR	L	280.00	Ft			
57	WEATHERING	L	4400.00	SqFt			
Sample Number:	03	Type:	R	Area:	4400.00 SqFt	PCI:	78
Sample Comments:							
48	L & T CR	L	262.00	Ft			
57	WEATHERING	L	4400.00	SqFt			
Sample Number:	04	Type:	R	Area:	4400.00 SqFt	PCI:	82
Sample Comments:							
48	L & T CR	L	190.00	Ft			
57	WEATHERING	L	4400.00	SqFt			