

## Dock and Engine Replacement Reserve Account

Plan 1 - HMC funds infrastructure repairs and replacement primarily through  
Special Assessments

Year	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Repair Item A		Small Boat Docks All Piles					
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C		Cable Replacement					Cable Replacement
Repair Item D						Ferry Engine Replacement	
Repair Item E			Ramp Painting				
<b>Reserve Contribution</b>	<b>\$ 220,561.81</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>
Special Assessment		\$ 234,000.00				\$ 126,750.00	
Repair Expense A		\$ (250,000.00)					
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C		\$ (25,000.00)					\$ (25,000.00)
Repair Expense D						\$ (200,000.00)	
Repair Expense E			\$ (212,000.00)				
<b>Reserve Balance</b>	<b>\$ 220,561.81</b>	<b>\$ 213,661.81</b>	<b>\$ 41,761.81</b>	<b>\$ 75,861.81</b>	<b>\$ 115,961.81</b>	<b>\$ 76,811.81</b>	<b>\$ 91,911.81</b>

Year	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Repair Item A			Ferry Dolphins				
Repair Item B	Inspections		Inspections		Inspections		Inspections
Repair Item C					Cable Replacement		
Repair Item D							
Repair Item E					Ramp Painting		
<b>Reserve Contribution</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>
Special Assessment			\$ 762,450.00				
Repair Expense A			\$ (768,000.00)				
Repair Expense B	\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)
Repair Expense C					\$ (25,000.00)		
Repair Expense D							
Repair Expense E					\$ (212,000.00)		
<b>Reserve Balance</b>	<b>\$ 126,011.81</b>	<b>\$ 166,111.81</b>	<b>\$ 194,661.81</b>	<b>\$ 234,761.81</b>	<b>\$ 31,861.81</b>	<b>\$ 71,961.81</b>	<b>\$ 106,061.81</b>

## Dock and Engine Replacement Reserve Account

**Plan 1 - HMC funds infrastructure repairs and replacement primarily through  
Special Assessments**

Year	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031
Repair Item A							
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C			Cable Replacement				
Repair Item D							
Repair Item E							Ramp Painting
<b>Reserve Contribution</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>	<b>\$ 40,100.00</b>
Special Assessment							
Repair Expense A							
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C			\$ (25,000.00)				
Repair Expense D							
Repair Expense E							\$ (212,000.00)
<b>Reserve Balance</b>	<b>\$ 146,161.81</b>	<b>\$ 180,261.81</b>	<b>\$ 195,361.81</b>	<b>\$ 229,461.81</b>	<b>\$ 269,561.81</b>	<b>\$ 303,661.81</b>	<b>\$ 131,761.81</b>

### Assumptions:

Replace all piles for small boat docks due to \$194,000.00 savings.  
 Inflation is zero. If inflation is factored in then reserve contributions increase at the inflation factor.  
 Engineering estimates are accurate.  
 No unexpected expenses occur.  
 Reserve expense is based on minimum estimated time frame when item is recommended to be taken care of. Conservative approach is used.  
 Ramp cable replacement is every 5 to 7 years. Five years was used as the schedule with the last cost of \$25,000.00 as the amount.  
 Ferry engine replacement is included in 2016 because this is the year our current engines are rebuilt on their normal cycle.

### Notes:

Insurance carrier has stated that liability insurance will not be issued on small boat docks unless mitigation plan is in place to repair/replace prior to use in 2012.  
 Repair Item A is Small Boat Docks scheduled for 2012 and Ferry Dolphins in 2020.  
 Repair Item B is State Inspections.  
 Repair Item C is Ferry Ramp cable replacement.  
 Repair Item D is Ferry Engine replacement.  
 Repair Item E is Ramp Painting.

\$600.00 Special assessment in 2012  
 \$325.00 Special assessment in 2016  
 \$1,955.00 Special assessment in 2020  
 \$25.90 Increase in annual assessment per assessable unit for reserves to cover routine maintenance costs.

## Dock and Engine Replacement Reserve Account

Plan 2 - HMC funds infrastructure repairs and replacement primarily through  
a combination of Special Assessments and annual increase to Reserve Accounts

Year	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Repair Item A		Small Boat Docks All Piles					
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C		Cable Replacement					Cable Replacement
Repair Item D						Ferry Engine Replacement	
Repair Item E			Ramp Painting				
<b>Reserve Contribution</b>	<b>\$ 220,561.81</b>	<b>\$ 30,000.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>
Special Assessment		\$ 60,450.00	\$212,550.00				
Repair Expense A		\$ (250,000.00)					
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C		\$ (25,000.00)					\$ (25,000.00)
Repair Expense D						\$ (200,000.00)	
Repair Expense E			\$ (212,000.00)				
<b>Reserve Balance</b>	<b>\$ 220,561.81</b>	<b>\$ 30,011.81</b>	<b>\$ 120,621.81</b>	<b>\$ 204,681.81</b>	<b>\$ 294,741.81</b>	<b>\$ 178,801.81</b>	<b>\$ 243,861.81</b>

Year	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Repair Item A			Ferry Dolphins				
Repair Item B	Inspections		Inspections		Inspections		Inspections
Repair Item C					Cable Replacement		
Repair Item D							
Repair Item E					Ramp Painting		
<b>Reserve Contribution</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 90,060.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>
Special Assessment			\$ 360,750.00				
Repair Expense A			\$ (768,000.00)				
Repair Expense B	\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)
Repair Expense C					\$ (25,000.00)		
Repair Expense D							
Repair Expense E					\$ (212,000.00)		
<b>Reserve Balance</b>	<b>\$ 327,921.81</b>	<b>\$ 417,981.81</b>	<b>\$ 94,791.81</b>	<b>\$ 184,851.81</b>	<b>\$ 31,911.81</b>	<b>\$ 72,051.81</b>	<b>\$ 106,191.81</b>

## Dock and Engine Replacement Reserve Account

**Plan 2 - HMC funds infrastructure repairs and replacement primarily through  
a combination of Special Assessments and annual increase to Reserve Accounts**

Year	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031
Repair Item A							
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C			Cable Replacement				
Repair Item D							
Repair Item E							Ramp Painting
<b>Reserve Contribution</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>	<b>\$ 40,140.00</b>
Special Assessment							
Repair Expense A							
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C			\$ (25,000.00)				
Repair Expense D							
Repair Expense E							\$ (212,000.00)
<b>Reserve Balance</b>	<b>\$ 146,331.81</b>	<b>\$ 180,471.81</b>	<b>\$ 195,611.81</b>	<b>\$ 229,751.81</b>	<b>\$ 269,891.81</b>	<b>\$ 304,031.81</b>	<b>\$ 132,171.81</b>

### Assumptions:

Replace all piles for small boat docks due to \$194,000.00 savings.  
 Inflation is zero. If inflation is factored in then reserve contributions increase at the inflation factor.  
 Engineering estimates are accurate.  
 No unexpected expenses occur.  
 Reserve expense is based on minimum estimated time frame when item is recommended  
 to be taken care of. Conservative approach is used.  
 Ramp cable replacement is every 5 to 7 years. Five years was used as the schedule with the last cost of \$25,000.00 as the amount.  
 Ferry engine replacement is included in 2016 because this is the year our current engines are rebuilt on their normal cycle.

### Notes:

Insurance carrier has stated that liability insurance will not be issued on small boat docks unless  
 mitigation plan is in place to repair/replace prior to use in 2012.  
 Repair Item A is Small Boat Docks scheduled for 2012 and Ferry Dolphins in 2020.  
 Repair Item B is State Inspections.  
 Repair Item C is Ferry Ramp cable replacement.  
 Repair Item D is Ferry Engine replacement.  
 Repair Item E is Ramp Painting.  
 \$155.00 Special assessment in 2012  
 \$545.00 Special assessment in 2013  
 \$925.00 Special assessment in 2020  
 \$154.00 Increase in annual assessment per assessable unit for reserves starting in 2013.

## Dock and Engine Replacement Reserve Account

Plan 3 - HMC funds infrastructure repairs and replacement primarily through  
one Special Assessment during Fiscal Year 2011-2012, and through annual increases to Reserve Accounts

Year	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
Repair Item A		Small Boat Docks All Piles					
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C		Cable Replacement					Cable Replacement
Repair Item D						Ferry Engine Replacement	
Repair Item E			Ramp Painting				
<b>Reserve Contribution</b>	<b>\$ 220,561.81</b>	<b>\$ 30,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>
Special Assessment		\$ 117,000.00					
Repair Expense A		\$ (250,000.00)					
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C		\$ (25,000.00)					\$ (25,000.00)
Repair Expense D						\$ (200,000.00)	
Repair Expense E			\$ (212,000.00)				
<b>Reserve Balance</b>	<b>\$ 220,561.81</b>	<b>\$ 86,561.81</b>	<b>\$ 21,561.81</b>	<b>\$ 162,561.81</b>	<b>\$ 309,561.81</b>	<b>\$ 250,561.81</b>	<b>\$ 372,561.81</b>

Year	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Repair Item A			Ferry Dolphins				
Repair Item B	Inspections		Inspections		Inspections		Inspections
Repair Item C					Cable Replacement		
Repair Item D							
Repair Item E					Ramp Painting		
<b>Reserve Contribution</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 147,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>
Special Assessment							
Repair Expense A			\$ (768,000.00)				
Repair Expense B	\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)
Repair Expense C					\$ (25,000.00)		
Repair Expense D							
Repair Expense E					\$ (212,000.00)		
<b>Reserve Balance</b>	<b>\$ 513,561.81</b>	<b>\$ 660,561.81</b>	<b>\$ 33,561.81</b>	<b>\$ 180,561.81</b>	<b>\$ 84,561.81</b>	<b>\$ 134,561.81</b>	<b>\$ 178,561.81</b>

## Dock and Engine Replacement Reserve Account

**Plan 3 - HMC funds infrastructure repairs and replacement primarily through one Special Assessment during Fiscal Year 2011-2012, and through annual increases to Reserve Accounts**

Year	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031
Repair Item A							
Repair Item B		Inspections		Inspections		Inspections	
Repair Item C			Cable Replacement				
Repair Item D							
Repair Item E							Ramp Painting
<b>Reserve Contribution</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>
Special Assessment							
Repair Expense A							
Repair Expense B		\$ (6,000.00)		\$ (6,000.00)		\$ (6,000.00)	
Repair Expense C			\$ (25,000.00)				
Repair Expense D							
Repair Expense E							\$ (212,000.00)
<b>Reserve Balance</b>	<b>\$ 228,561.81</b>	<b>\$ 272,561.81</b>	<b>\$ 297,561.81</b>	<b>\$ 341,561.81</b>	<b>\$ 391,561.81</b>	<b>\$ 435,561.81</b>	<b>\$ 273,561.81</b>

### Assumptions:

Replace all piles for small boat docks due to \$194,000.00 savings.  
 Inflation is zero. If inflation is factored in then reserve contributions increase at the inflation factor.  
 Engineering estimates are accurate.  
 No unexpected expenses occur.  
 Reserve expense is based on minimum estimated time frame when item is recommended to be taken care of. Conservative approach is used.  
 Ramp cable replacement is every 5 to 7 years. Five years was used as the schedule with the last cost of \$25,000.00 as the amount.  
 Ferry engine replacement is included in 2016 because this is the year our current engines are rebuilt on their normal cycle.

### Notes:

Insurance carrier has stated that liability insurance will not be issued on small boat docks unless mitigation plan is in place to repair/replace prior to use in 2012.  
 Repair Item A is Small Boat Docks scheduled for 2012 and Ferry Dolphins in 2020.  
 Repair Item B is State Inspections.  
 Repair Item C is Ferry Ramp cable replacement.  
 Repair Item D is Ferry Engine replacement.  
 Repair Item E is Ramp Painting.

\$300.00 Special assessment in 2012.

\$300.00 Increase in annual assessment per assessable unit for reserves starting in 2013.