

City of Seldovia Small Boat Harbor Improvement Project

Priority Selection Survey

Final Results: 50 surveys returned: June 9, 2005

INSTRUCTIONS: Please enter YOUR rankings in the "Priority" column boxes using the following choices:
 1 = Essential, 2 = High Priority, 3 = Medium Priority, 4 = Low Priority and 5 = Not necessary.

Minimum repairs recommended by MLFA Engineers to restore harbor to good working condition.

Item	Description	Estimated Cost	Comments	Priority
A	Approach/Ramp: Ramp must be replaced to accommodate larger loads and lengthened from the existing 60 feet to 90 feet to reduce severe grades during low tides. This includes a new float at the base of the ramp.	\$237,000.00		9
B	Piling Replacement: Replace 77 worn timber piles with only 47 steel piles	\$651,000.00		1
C	Main Floats A-E: If steel piles are used as indicated in Item B, a number of stall connections can be converted to integrated stalls with main floats, thereby reducing the number of stall piles requiring replacement. Replacing pile collars is also included. Main Float A will have all decking, tie-down rails and floatation ballast replaced.	\$410,000.00		6
D	Marginal Floats: Replace pile collars, decking, tie-down rails, and flotation ballasts on Marginal Float 2.	\$413,000.00		6
E	Seaplane Float: The entire float will be replaced.	\$113,000.00		15
F	Electrical System: Minimum and necessary electrical system modifications for code compliance. This includes service, panel, lighting wiring, and service cable modifications.	\$241,000.00		2
G	Water System: Replace the existing piped water distribution system with plastic pipe and freeze protected hydrants, this includes a hydrant at the end of each main float.	\$202,000.00		5
Total of Minimum Repairs		\$2,267,000.00		

Optional Repairs and Improvements - See page 3 for prioritizing instructions.

Item	Description	Estimated Cost	Comments	Priority
H	Grid No. 2 Repair: Replace grid caps, fenders and access stairs.	\$65,000.00		9
I	Dredging: Dredge below Main Floats C, D and E and the Seaplane Float to a minimum required depth of -12 feet.	\$678,000.00		12
J	Approach Upgrades: Renovate the piles and replace deck and rails.	\$127,000.00		9
K	Gangway Float: Increase the ramp float footprint to 16 feet x 60 feet to better support the floating harbor entry and traffic.	\$100,000.00		9
L	Remaining Pile Replacement: Replace all remaining 18 timber piles not included in Item B with steel piles to extend piling life expectancy.	\$220,000.00		8
M	Stall Conversions: Convert the remaining 25-foot and 32-foot long stalls not included in Item C to integral stalls. The hinged attachments between the stalls and the main floats will be replaced with rigid attachments. An antisway bar will be installed to limit stall rocking. This modification eliminates the need for stall piles, therefore, the number of piles and dependence on existing timber pile integrity can be reduced.	\$79,000.00		7
N	Decking Replacement: Replace the remaining 14,000 square feet of main float decking not included in Item C.	\$330,000.00		10
O	Cable Abrasion Protection: Power cable abrasion protection to protect power lines at float junctures.	\$15,000.00		3
P	Lighting System Replacement: Replace old lighting fixtures with units that have a longer life expectancy.	\$120,000.00		11
Q	Marginal Float 2: Commercial upgrade - rebuild & enlarge to 12 feet x 700 feet.	\$308,000.00		16
R	Main Float A: Commercial upgrade - rebuild Main Float A to accommodate larger vessels.	\$283,000.00		17
S	Electrical Replacement: Commercial Upgrade - Replace electrical distribution system to support increased commercial power demand capacity at Main Float and Marginal Float 2. This includes new distribution equipment and cabling, but maintains the existing service pedestals.	\$400,000.00		14
T	Heavy Duty Grid: Commercial Upgrade - Replace existing Grid No. 2 with a 400-ton capacity steel grid.	\$678,000.00		18
Total of Optional Repairs & Improvements		\$3,403,000.00		