

National Park Service  
PROJECT DATA SHEET

Project Score/Ranking:	700
Planned Funding FY:	2007
Funding Source:	Line Item Construction

## Project Identification

Project Title: Coastal Watershed Restoration And Enhancement		
Project No: 006556	Unit/Facility Name: Point Reyes National Seashore	
Region: Pacific West	Congressional District: CA06	State: CA

## Project Justification

FCI-Before: 0.46	FCI-Projected: 0.14	API: 73								
<p><b>Project Description:</b> The purpose of this project is to remove or replace nine facilities in various states of repair that impair natural hydrologic process within the Drakes Estero watershed. The project involves treatment at three geomorphic restoration sites and six culvert crossing sites. Work at the geomorphic restoration sites would include removal of roads, culverts, a dam and fill; restoration of tidal marsh; and construction of a long-span bridge to replace visitor beach access via a road atop deteriorating dam and fill. Work at the six culvert crossing sites would include replacement or repair of failed culverts with natural-bottom arched culverts or cement-box culverts and in-channel grade changes to meet federal and state fish passage criteria, reduce stream velocities, and protect floodplain processes at the crossings. General work would include slope and grade restoration on abandoned roads and fill areas, re-routing of trails, and re-vegetation of disturbed areas.</p>										
<p><b>Project Need/Benefit:</b> This project intends to remove facilities from wilderness and estuarine areas, and replace existing road crossings with structures that allow for natural hydrologic process and fish passage for anadromous salmonids (two federally listed threatened species, coho salmon and steelhead trout) and other aquatic species. The project will restore five coastal watersheds within the park's wilderness area. The objective is to remove and restore physical impediments and correct abandoned roads associated with past land-use practices which are known to pose major ecological threats. These facilities were the centerpiece of coastal development activities that threatened the area in the late 1950s and led directly to the Congressional establishment of the Seashore on September 13, 1962 "to save and preserve, for the purpose of public recreation, benefit, and inspiration, a portion of the diminishing seashore of the United States that remains undeveloped (PL 87-657)." The project includes a number of specific physical treatments within five coastal watersheds, all draining into the Drakes Estero system. This area is recognized as a part of the most intact and ecologically significant estuarine areas in the state of California (State of California, 1983). The restoration will provide for the return of the natural hydrologic regime in the Drakes Estero system and ultimately allow for the reintroduction and enhancement of endangered aquatic populations. The project area lies within the Central California Ecologically Sensitive Unit (ESU) for the federally listed coho salmon and steelhead trout and contains habitat critical to these species' survival. During a recent storm in January 2006, six of the nine project sites experienced hydrologic failure that resulted in serious flood damage to adjacent structures, historic buildings and roadways, further highlighting the need to replace these structures as soon as possible.</p>										
<p><b>Ranking Categories:</b> Identify the percent of the project that is in the following categories of need.</p> <table> <tr> <td>0 % Critical Health or Safety Deferred Maintenance</td> <td>0 % Critical Mission Deferred Maintenance</td> </tr> <tr> <td>0 % Critical Health or Safety Capital Improvement</td> <td>0 % Compliance &amp; Other Deferred Maintenance</td> </tr> <tr> <td>100 % Critical Resource Protection Deferred Maintenance</td> <td>0 % Other Capital Improvement</td> </tr> <tr> <td>0 % Critical Resource Protection Capital Improvement</td> <td></td> </tr> </table>			0 % Critical Health or Safety Deferred Maintenance	0 % Critical Mission Deferred Maintenance	0 % Critical Health or Safety Capital Improvement	0 % Compliance & Other Deferred Maintenance	100 % Critical Resource Protection Deferred Maintenance	0 % Other Capital Improvement	0 % Critical Resource Protection Capital Improvement	
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Capital Asset Planning 300B Analysis Required: YES: NO: X Total Project Score: 700										

## Project Costs and Status

<p><b>Project Cost Estimate:</b></p> <table> <tr> <td></td> <td>\$'s</td> <td>%</td> </tr> <tr> <td>Deferred Maintenance Work :</td> <td>\$ 2,444,000</td> <td>100</td> </tr> <tr> <td>Capital Improvement Work:</td> <td>\$ 0</td> <td>0</td> </tr> <tr> <td>Total Project Estimate:</td> <td>\$ 2,444,000</td> <td>100</td> </tr> </table> <p>Class of Estimate: B Estimate Good Until: 09/30/07</p>		\$'s	%	Deferred Maintenance Work :	\$ 2,444,000	100	Capital Improvement Work:	\$ 0	0	Total Project Estimate:	\$ 2,444,000	100	<p><b>Project Funding History:</b></p> <table> <tr> <td>Appropriated to Date:</td> <td>\$ 0</td> </tr> <tr> <td>Requested in FY 2007 Budget:</td> <td>\$ 2,444,000</td> </tr> <tr> <td>Required to Complete Project:</td> <td>\$ 0</td> </tr> <tr> <td>Project Total:</td> <td>\$ 2,444,000</td> </tr> </table>	Appropriated to Date:	\$ 0	Requested in FY 2007 Budget:	\$ 2,444,000	Required to Complete Project:	\$ 0	Project Total:	\$ 2,444,000
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Project Complete:	3 / 2008																				

## Annual Operations Costs

Current: \$ 5,750	Projected: \$ 5,250	Net Change: (\$ 500)
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