



NOTICE OF EXEMPTION

TO: Office of Planning and Research
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FROM: Department of Parks and Recreation
1416 Ninth Street
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PROJECT TITLE: Storm Drainage Culvert Installation

LOCATION: New Brighton State Beach, McGregor Dr. & Park Ave.

COUNTY: Santa Cruz

DESCRIPTION OF THE NATURE AND PURPOSE OF PROJECT:

Remove an existing corrugated metal pipe (CMP) storm drain culvert at the New Brighton State Beach day-use parking lot that is undersized for large storm events and cannot handle excessive flows. Install new storm drain culvert that can accommodate three times the volume of storm water and greatly increase the level of flood protection. Project includes:

Removal of Existing CMP Drain Culvert: The existing CMP will be completely removed and the void backfilled and compacted.

New Storm Drain Culvert and Inlet Structure: A new 115" wide x 78" high corrugated metal pipe arch (CMPA) storm drain culvert will be installed by excavating a new trench through the parking lot approximately 20' wide x 16' deep x 680' long and backfilled with compacted granular soil. Also installed will be a cast-in-place reinforced concrete cutoff wall 48" deep x 12" thick x 13.5' long and a beveled concrete collar around the perimeter of the culvert inlet. Rock slope protection will be installed on earth banks around the pipe inlet and sloped 1.5:1 up the sides of the creek channel and extending 24" above finished grade. Four steel I-beam posts 10' long (5' above creek bed) x 1' diameter and 5' deep concrete footings will be installed 6'-8' upstream of the culvert inlet in the creek channel to protect the culvert inlet from blockage due to large debris dams.

Replacement of Existing Surface Drainage Inlets: Replace four existing drainage inlet structures located in the parking lot at the same locations and connect to the new CMPA storm drain culvert with 18" inch diameter CMP approximately 145' long at 10' depth.

Improvements to Existing Storm Drainage Outflow Structure: The CMPA storm drain culvert pipe end will be beveled to accommodate the existing outflow structure. The existing outlet concrete sack sloped protection will be replaced with similar sloped protection to protect the earth embankment from erosion.

Landscaping and Erosion Control: Approximately 460' long x 9' ft. wide raised-curb island to be replaced through center of parking lot and planted with native plants along with wood chip mulch. Parking lot capacity and configuration will be unchanged as a result of this project. Approximately 1,200 sq. ft. of sloped embankment area located at the southwest end of parking lot and 1,400 sq. ft. of sloped embankment area located on each side of Tanner Creek drainage inlet to be planted with native vegetative ground cover and fiber mulch.

Temporary protective construction fencing will be installed at least 15' from the base of a large oak tree located approx. 30' from the northeast end of the culvert. Landscaped willows between the west end of the parking lot and the beach access road will be salvaged and replanted. Pre-construction surveys for bird nests will be conducted if work is to occur during the nesting season (Feb. 1 – Aug. 31). If active nests are found, work will be redirected to provide at least a 50' buffer and construction noise levels will not exceed ambient levels until chicks have fledged. Construction equipment will be prohibited from modifying the west bank in any way. Prior to the start of work, a DPR-qualified cultural resource specialist will meet with the State's Representative and designate the areas of concern.

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In the event that previously unknown cultural resources are encountered during project construction by anyone, the state representative will put work on hold at that specific location and contractors will be redirected to other tasks. A DPR-qualified archaeologist will record and evaluate the find and work with state representative to implement avoidance, preservation, or recover.

PUBLIC AGENCY APPROVING THE PROJECT: California Department of Parks and Recreation

NAME OF DIVISION CARRYING OUT THE PROJECT: Acquisition and Development

EXEMPT STATUS: Categorical Exemption *Class: 3 Section: 15303*

REASONS WHY PROJECT IS EXEMPT: Project consists of construction and location of limited numbers of new, small facilities.

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Original signed by

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3/24/06

DATE