

USCG Training Center, Petaluma, CA

Roadways and drainage maintenance

Project Overview

For this roadway and drainage improvement project, Sustainable Group provided comprehensive design-build construction services to address deteriorated pavement conditions and on-going drainage issues throughout the expansive Training Center property.

Reference

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Project Description

Sustainable Group teamed with Goebel construction to complete this large project which included full-depth saw-cut removal and replacement of asphalt concrete pavement at multiple locations. Pavement sections were then restored through proper preparation of subbase, base and new asphalt pavement sections. Additional roadway elements included erosion control around existing concrete headwalls, adding new asphalt speed humps, and the installation of new thermoplastic pavement markings.

Drainage improvements included installation of High-Density Polyethylene (HDPE) piping, subgrade preparation to direct runoff to existing drain inlets, construction of concrete culverts around existing buildings to establish defined flow paths, and placement of compacted ginger rock and riprap where required.

During the course of construction, a geotextile Petromat layer was discovered within the existing asphalt pavement which required special handling to include recycling where feasible, and disposal in accordance with applicable environmental regulations. Additionally, a section of roadway near the Child Development Center required lime stabilization treatment in order to meet compaction requirements. Once a contract modification was issued for this unknown condition, the work was completed without delay in order to reduce impacts to the Training Center as much as possible.



Pavement Removal and Subbase Preparation



Lime Stabilization Application

Key Personnel Certifications

PE, LEED AP, PMP, CFM

Sustainable Group is a Service Disabled Veteran Owned Small Business Corporation.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.



Storm Drain Repairs



Asphalt Paving in Progress

In summary, the completed improvements enhanced roadway safety, functionality, and long-term durability for base operations. The design-build approach also allowed for constructability input, accelerated delivery and reduced risk through a single point of responsibility. The project was executed with careful attention to traffic

control, public safety coordination and environmental considerations. Finally, Sustainable Group's Management and Field Superintendence of this project allowed an on-time completion within budget.



Paving Complete

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy

and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 35 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Veterans Affairs, Department of Defense, Department of Energy, Department of Transportation, Department of the Interior and the Army Corps of Engineers.