

2006/07

Project: Shop Parking Lot Repaving
Unit: Hungry Valley SVRA
Estimate: \$499,000
Type of Project: Code Violation

PROJECT DESCRIPTION

This project will place approximately 140,000 SF of 2" Asphalt Concrete over 4" of compacted aggregate base in the Maintenance Yard, around the mechanic's shop and operations building. Prior to paving, any existing asphalt concrete will be ground down, all loose material and oil sand will be removed. Road base will be placed 4" thick and compacted. Curbs and /or gutters will be installed where necessary for drainage. Utility boxes will be set at correct grade. AC tack and sealants will be applied to mating surfaces to create bonding. The project will include ADA design and striping as required by Title 24, California's Uniform Building Code.

PROJECT JUSTIFICATION

The current parking areas were constructed in 1989. Since that time with the heavy use, rainstorms, snow and ice causing expansion and contraction the surface of the parking area has deteriorated to the point where most of the asphalt concrete overlay is no longer in place. Any base material originally present has been completely contaminated with fine clay silt, so that simply placing an AC overlay over the existing material would result in deterioration again. In a very short time it would need to be repaired or replaced. Oil sand is currently being used to control dust in other parts of the park. But under the current heavy equipment traffic conditions it will not prevent erosion and will further deterioration of the parking area.

With the AC protective surface being removed from the parking area major erosion has occurred by unseasonable heavy rains. Sediment from the erosion flows into Gorman Creek and is in violation of the Division's Soil Standards.

Alternatives: Take no action and continue to allow this parking lot to deposit sediment in near by drainage's and creek. Violation of the Division's Soil Standards will continue.

This project is consistent with the General Plan for Hungry Valley State Vehicular Recreation Area.