

Deer Creek Road Boulder Creek, CA

Chapman Engineering

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RE: Condition and evaluation of existing bridges

Owners Name Deer Creek Rd Association

Address Deer Creek Rd
Santa Cruz, CA

Date: July 28, 2012

I have inspected existing bridges on Deer Creek Road for the Deer Creek Road Association.

These bridges are on a private road which leaves Bear Creek Rd approximately six miles east of Boulder Creek. The location of the intersection is approximately 37 degree 10 minutes 3 second North 122 degree 4 minute 31 second West. The road is a single lane road with turnouts. All bridges are single lane.

The first bridge is a conventional beam bridge with a steel deck covered with concrete. The abutments are concrete. The bridge is rusty but otherwise in good condition. The abutments show no signs of any kind of distress.

The second, third and fourth bridges are Daniel Bridge – fabricated and installed by Daniel Steel of Ukiah CA. These are all steel beams supporting steel crossmembers and steel decks on steel abutments supported on Cast in Drilled Hole piles.

The second bridge has a broken weld between two bridge segments – this leads to an irritating tin can effect but does not harm to function of the bridge in any way.

The third and fourth bridges are without obvious faults.

As fo the date of the inspection all bridges were in functional condition for any highway legal load not exceeding eighty thousand lbs distributed on a minimum of five axles in accordance with the California Vehicle Code.

If you have any questions, please call me.

Marvin Chapman PE

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Deer Creek Road First Bridge



Deer Creek Road Second Bridge



Deer Creek Road Third Bridge



Jacks Road Bridge

