



**Asphalt Consulting Services, LLC**

April 8, 2022

Don Elias  
General Manager  
Christian Valley Park CSD

Proposal for Consulting Services

Dear Don,

I enjoyed our recent “ride-around” on your roads. Thank you for that opportunity and your request for a proposal. That said, I must admit I am hesitant to offer you this proposal. It is not because your community roads do not need assistance; they do. It is not because I cannot help you because I can. It is only because I am currently over-booked with commitments. I have the time to write this proposal but not much more. This week I was in Santa Maria laying out a project that I need to prepare a bid package for. Next week I will be in Pomona for a job walk with a contractor that I am committed to inspect starting April 25, ending sometime the first week in June. Following one day at Pomona next week, I fly to Henderson, Nv. for another job walk on a project starting April 20, ending sometime in late May or early June. I have an inspector for that project who will be leaving for a project in Salt Lake City as soon as the project in Henderson finishes.

I don't want to belabor this any longer but I am sure you get the picture. I don't expect any “let-up” in my schedule until late July or early August. That would be the soonest I could supply services for Christian Valley Park. Should this be acceptable, I offer my proposal below.

As discussed on our ride, your highest priority is to improve your roadside ditches. This should be followed by some minimal patching and the application of a Geosynthetic Reinforced Chip Seal (GRCS) on most if not all of your roads. A video where I outline this process can be viewed on the Asphalt Interlayer Association's website [www.aia-us.org](http://www.aia-us.org)

This proposal is intended to provide you with a plan to complete the objective, which is to provide a surface that should last for 15-20 years without severe failure or a need to continue your semi-annual chip seals.

## **Asphalt Problems?**

SkipBrown@AsphaltConsultingServices.com

Phone: (916) 761-1817    11369 Sunrise Gold Circle, Ste A    Rancho Cordova 95742

Last year I applied a single chip seal on a GRCS project completed around 2004 due to the Board's request. I don't think it was necessary but the Board wanted to do it so we did. I can supply the reference if you wish. Seventeen years had passed without additional repairs since the GRCS project was originally performed and it still was functioning well.

**Proposal:**

This proposal is to provide a complete survey of your roads and ditches. I will examine culvert entrance and exits but won't be providing a culvert condition report. I will measure the amount of ditch work to be improved along with measuring your roads while viewing the condition of the surface. On our ride, I noted a considerable amount of alligator failures in the pavement which will need to be addressed as soon as the budget allows. A priority will be developed on a "worst first" basis. I will also provide an estimate of costs for this work, based upon today's price of asphalt binder which has more than doubled in the last year, due mainly to our current Federal Administration's policy of cancelling pipelines and withdrawing drilling and fracking permits, not to mention the ongoing war in Ukraine.

The cost of this report is \$7,500.00. This cost does not include any permits that might be required by public agencies. Bid packages for work will have to be developed annually. These packages will outline and quantify the work on a bid item basis. Using bid items such as lineal feet of ditch or square feet of paving or GRCS sets the prices per foot. This is beneficial when there is a change in the quantity of work for any reason, you have the cost per unit already established. Each bid package will provide specifications that the contractor must meet in order to get paid. The cost to develop a bid package usually runs between \$2,500 to \$3,000.

Inspection services are always difficult to estimate. It varies according to the work items the contract entails and how productive the contractor is. On work such as cleaning ditches, inspection would be on a "part-time" basis. When a contractor is paving or applying the GRCS process, full time inspection is necessary to be sure the process is installed correctly with proper binders applied at proper rates. Inspection will be charged at my normal rate of \$250.00 per hour with a minimum of 4 hours daily. Due to my errors and omissions insurance policy, I must inspect all work I develop.

If there is anything else you need, let me know.

Sincerely,



Skip Brown  
Owner