

Memorandum

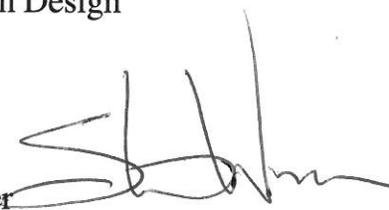
*Serious drought.
Help save water!*

To: Kelly Timmons, P.E.
North Region Design

Date: May 20, 2015,

File No.: 1-HUM-254-PM 0.8/43.1
01-430601
01 0000 0186

Avenue of the Giants – Four Bridges Project

From: Steve Werner 
North Region Office of Environmental Engineering—North

Subject: Updated Initial Site Assessment

We conducted a project review for the “Avenue of the Giants–Four Bridges Project” and updated our Initial Site Assessment (ISA). We found that the project had marginally changed from when we wrote the original ISA in 2010, and that we needed updated Aerially Deposited Lead (ADL) studies for Elk Creek and Bridge Creek because of revised excavation depths. We found the amounts of ADL present at Ohman Creek and Bear Creek are sufficiently low that statistical reevaluation of the data was not necessary. Also, additional field work with sample collection was found not to be necessary since we have sufficient data for the project corridor and for the updates that were performed.

The updated ISA found that excavated material from all proposed roadway shoulder widenings will contain lead, but at levels below hazardous waste thresholds. The excavated earth material may be used on the project without restriction. We recommend you use SSP 7-1.02K(6)(j)(iii) EARTH MATERIAL CONTAINING LEAD and the associated Lead Compliance Plan contract item

Since there have been no renovations on the project bridges since the asbestos-containing materials and lead-containing paint surveys were completed in 2010, additional surveys were found not to be required. We recommend that the survey for Bridge Creek be provided to the contractor since asbestos is present in that one structure. The asbestos present, however, should not be disturbed by the proposed work. Due to the revised scope of work on the bridges, Air Quality Management District NESHAP permits are not required. A copy of the Bridge Creek asbestos survey can be provided at the P&E project stage.

Treated wood Waste will be generated when guard railing is removed. We recommend that you use SSP 14-11.09 TREATED WOOD WASTE – for management of treated wood waste.

Asphaltic Concrete (AC) grinding waste will not be considered hazardous waste. We recommend you use SSP 15-1.03B RESIDUE CONTAINING LEAD FROM PAINT AND THERMOPLASTIC.

Note that the updated ISA found that the project work site is not on the *Hazardous Waste and Substances Site List (Cortese List)*.

If there are any changes to the scope of the project, please send an e-mail or letter describing the changes so that an evaluation can be made for possible hazardous waste issues that could affect your project.

e-mail copy to: Liza Walker

SSW