

INFORMATION HANDOUT

MATERIALS INFORMATION

HAZARDOUS MATERIALS 65% REEVALUATION, ROUTE 76

July 9, 2010

ROUTE: 11-SD-76 PM 19.5/40.7

Memorandum

To: **Sandra Lavender**
Environmental Planner
Environmental Analysis

Date: July 9, 2010
File: 11-SD-76
PM: 19.5-40.7
EA: 281011

From: **Joel Kloth**
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Environmental Engineering

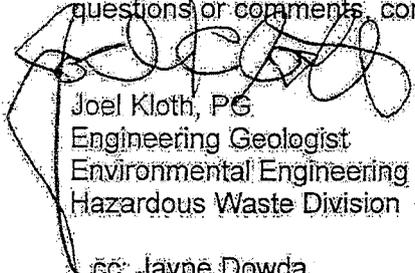
Subject: Hazardous Materials 65% Reevaluation, Route 76, Upgrade Metal Beam Guardrail Treatments, Upgrade AC Dike, and Install Center Line Rumble Strip

Environmental Engineering has performed a 65% reevaluation of the potential for hazardous materials for the subject project. Lead based paint may be in yellow and yellow thermoplastic paint stripe or pavement marking to be removed, aerially deposited lead may be in exposed soil along the shoulders of Route 76, and the guardrail posts to be removed may be coated with creosote.

Aerially deposited lead is expected in exposed soil with non-hazardous concentrations along the shoulders of Route 76. Overall, lead concentrations in soil are not considered a hazardous waste, but may be of concern regard to health and safety issues. Project activities involving exposed soil disturbance are to follow Standard Special Provision (SSP) 15-027. According to SSP 15-027, a site specific Lead Compliance Plan shall be prepared to include measures that limit exposure of lead affected soil to persons working onsite, and use of proper Personal Protective Equipment. Paragraph 4 of SSP 15-027 apply, excavated soil with ADL must remain within the project limits.

If yellow paint striping or yellow thermoplastic paint stripe is to be removed by itself, it shall be removed in accordance with SSP 14-001. Hazardous concentrations of lead chromate may be present in the removed paint material. According to SSP 14-001, the removed paint must be contained and collected immediately so that it is not emitted into ambient air, and properly disposed at a Class I Landfill facility. A Lead Compliance Plan shall be prepared for conducting the paint removal activities, this plan may be under the same cover as the ADL Lead Compliance Plan.

Treated wood waste is wood that has been treated with a chemical preservative, such as the wood posts from the guardrail and signs to be removed and not reused onsite. According to the attached treated wood non standard special provision (NSSP), the treated wood must be disposed at an approved treated wood waste facility. Headquarters approval is required to use the treated wood NSSP. If you have any questions or comments, contact me at (619) 688-3146.



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cc: Jayne Dowda