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I-710 Corridor Project EIR/EIS

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Hazardous Waste Study Methodology Overview

presented to the

Corridor Advisory Committee

February 18, 2010



Hazardous Waste Study - Purpose

- Identification of parcels with potential soil or groundwater contamination that may need to be acquired
- Goal is to identify and address hazardous waste concerns prior to acquisition in order to minimize risk to community and workers during construction

Hazardous Waste Study Assessment Process

- Define study area for Hazardous Waste concerns
 - Study area must consider potential for both soil and groundwater contamination
- Identify parcels that may be impacted
- Follow CALTRANS Standard Environmental reference (SER) Guidance and ASTM E-1527
 - Review Agency Databases
 - Review History
 - Conduct Limited Visual Surveys of the ROW
- Provide Recommendations/Mitigation Measures

Agency Database Review

- Obtain and review agency database for entire length of project
- Review database for listings corresponding to parcels potentially impacted by project alternatives and offsite properties of concern
- Determine whether listing represents potential environmental concern
- Describe type of listing and enter potentially impacted parcels into project table

Historical Review of Project

- Obtain historic aerial photographs
- Obtain historical topographic maps
- Obtain Sanborn Fire Insurance maps
- Review California Department of Oil and Gas well maps
- Review the historical information for use and development of land within the project boundaries
- Evaluate land use and land use changes over time for potential impacts to the project

Visual Surveys

- Drive by survey
- Review current aerial photographs
- Review of assessor/city maps
- Evaluate current land use for potential impacts to the project

Next Steps

- Complete Draft ISA/Hazardous Materials Report (January 2010)
- Complete Final ISA/Hazardous Materials Report (Spring 2010)
- Integrate findings and recommendations into the Draft EIR/EIS (Released Fall 2010)