

Project Description

Project Name: Environmental Re-Evaluation of I-25		
Milepost Begin: 161	Milepost End: 149	County Name(s): El Paso
Location: I-25 from Highway 105 to Woodmen Road		
Main Project Elements: Widening of I-25 from Highway 105 to Woodmen Road (Site). EA and FONSI prepared in 2004 for widening of I-25 between the Highway 105 and S. Academy Blvd. (milepost 135). A portion of the proposed was implemented as part of the COSMIX project (6/2005 - 12/2007). Because the approved EA and FONSI are over seven years old, a re-evaluation of the area from Highway 105 to Woodmen Road is required.		
Project Features (Check if applies):		
Easements <input checked="" type="checkbox"/>	Utility Relocation <input checked="" type="checkbox"/>	Excavation/Drilling <input checked="" type="checkbox"/>
Structure Acquisition <input type="checkbox"/>	Structure Modification <input checked="" type="checkbox"/>	Structure Demolition <input checked="" type="checkbox"/>
Disturbance depth (if known) _____ ft	New ROW <input type="checkbox"/>	
GW Anticipated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Unknown	Depth to gw (if known) <u>11+</u> ft	Gw flow direction (if known) <u>S-SW</u>
		Dewatering <input type="checkbox"/>

Records Review & Interview(s)

The following records/sources were used in this assessment ('No' is implied if unchecked):

ASTM Standard Environmental Record Sources OPS CDPHE CDOT Internal Database

ASTM Standard Search Radii or Modified Search Radii: 1000-foot buffer around centerline of highway. Radii expanded to 1-mile outside buffer for all databases.

Previous Environmental Reports/CDOT Files: Modified Environmental Site Assessment, prepared by Kumar and Associates, February 13, 2002, revised October 22, 2002.

Other Files/Databases (Assessor, Fire dept., Building, etc.): USGS, FEMA, CU Sanborn Map Collection, USEPA Envirofacts

Topographic Map(s) Current - date 2010 Historic - year(s): 1893, 1909, 1948, 1949, 1961, 1969, 1975, 1986, 1994

Aerial Photograph(s) Current - date 2011 Historic - year(s): 1999, 2003, 2004, 2005, 2006, 2008, 2010

Sanborn Map(s) Yes - year(s) No Sanborn maps available for this area.

Local Street Directories Yes - year(s) Due to the size of the corridor (approx. 12.5-miles long), City Directories were not reasonably ascertainable.

Historic land use(s) within the project area (if known): Vacant land.

Interview(s): Yes

Name/Title/Date/Comments: _____

Name/Title/Date/Comments: _____

Site Reconnaissance & Description

Was a visual inspection conducted? No Yes - Inspection Date 1/17/2012

If 'No' document the reason: N/A

Project area and land use(s) description:
No development within the CDOT ROW with the exception of roadway and interchanges. Current use is mixed commercial and residential.

Industrial Light Industrial Commercial Residential Agricultural Undeveloped Other: _____

Adjacent land use(s): Land was originally vacant. First development was generally residential (homestead, ranching).

Industrial Light Industrial Commercial Residential Agricultural Undeveloped Other: _____

Potential environmental concerns on the immediate project area or directly adjacent to it (select from dropdown menu):

	Project Area	Adjacent		Project Area	Adjacent
Evidence of underground tanks, (pipes, vents, fill caps, etc.)	no	yes	Protected/fenced/placarded area(s)	no	no
Aboveground storage tank(s)	no	yes	Liquid waste (pits, ponds, etc.)	no	no
Monitoring/Water Well(s)	no	yes	Oil Sheen (soil/water)	no	expected
Electrical/Transformer Equipment	yes	yes	Oil/Gas wells	no	yes
Cistern(s), sump(s), drain(s)	unknown	unknown	Mine tailings/waste	no	no
Barrel(s), drum(s), container(s)	no	no	Painted/Preserved Materials	yes	yes
Stockpile, surface trash, debris	yes	Incidental trash	Odors	no	no
Exposed/buried landfill	no	no	Chemical Storage	no	expected
Batteries	no	no	Suspect asbestos containing material	no	expected
Surface Staining	expected	expected	Suspect methamphetamine lab waste	no	no
Stressed Vegetation	no	no			

Findings/Conclusions:

Are known hazardous or other waste sites on or adjacent to the project area, which may affect the project (explain below)? Yes No

A total of five sites were identified as sites of potential concern presenting recognized environmental conditions or historic recognized environmental conditions. Of these five sites, three of the sites are recommended for further investigation based on known groundwater contamination, potential for purchase, proximity to the Site, and/or located upgradient of the Site. The Conoco Fuel Stop, Amoco Gas Station, and Diamond Shamrock are all active LUST sites with ongoing groundwater remediation and monitoring. The other two sites have been determined to not pose a concern to the subject Site based on downgradient location or distance from the Site. Lead-based paint was detected at the Academy Boulevard bridge. Numerous transformers (potential for polychlorinated biphenyl-containing materials) were observed inside and within close proximity of the CDOT right-of-way. Appropriate demolition, handling, and disposal practices for these hazardous materials as required by regulatory guidelines should be followed during demolition activities associated with the I-25 expansion.

Recommendations:

Materials Management Plan Force Account Modified CDOT Specification(s) Additional Assessment/Investigation *

SUMMIT recommends review of most current groundwater monitoring reports available for the three sites of concern, and additional investigation of soil and groundwater impacts within the project construction area prior to construction activities.

* - Additional work must be approved by CDOT.

Attachments:

Environmental Database Map	<input checked="" type="checkbox"/> Yes	Appendix B
Modified CDOT Specification(s)	<input type="checkbox"/> Yes	
General Plan Note(s)	<input type="checkbox"/> Yes	
Site Photographs	<input checked="" type="checkbox"/> Yes	Appendix D
Maps & Figures	<input checked="" type="checkbox"/> Yes	Figure 1 is a site location map. Figures 2-7 are segment specific maps
Agency File Data	<input type="checkbox"/> Yes	
Historic USGS Topographic Maps	<input checked="" type="checkbox"/> Yes	Appendix C
EDR Well Search Report	<input checked="" type="checkbox"/> Yes	Appendix A
	<input type="checkbox"/> Yes	
	<input type="checkbox"/> Yes	

Completed by (Name and Title): Monique R. Ammidown, P.G., Project Manager

Signature: _____ Date: _____ Revised (if necessary): _____

CDOT Environmental Project Manager Approval: _____ Date: _____