CHEVRON #93599 (Continued) **U003938785**

Comp Number: 5716
Number: 9
Board Of Equalization: 44-022280
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-005716-000001
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 5716
Number: 9
Board Of Equalization: 44-022280
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-005716-000002
Actv Date: Not reported
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 5716
Number: 9
Board Of Equalization: 44-022280
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 37-000-005716-000003
Actv Date: Not reported
Capacity: 5000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 5716
Number: 9
Board Of Equalization: 44-022280
Ref Date: Not reported
Act Date: 06-26-92
Created Date: 02-29-88

CHEVRON #93599 (Continued) **U003938785**

Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	37-000-005716-000004
Actv Date:	Not reported
Capacity:	1000
Tank Use:	PETROLEUM
Stg:	W
Content:	Not reported
Number Of Tanks:	Not reported

San Diego Co. HMMD:

Facility ID:	105716
Inactive Indicator:	Active
Business Code:	6HK29
SIC:	Not reported
Permit Expiration:	Not reported
Owner:	CHEVRON USA INC
2nd Name:	CHEVRON PROD CO-PERMIT DESK
Mailing Address:	PO BOX 6004
Mailing City,St,Zip:	SAN RAMON, CA 94583
Map Code/Business Plan on File:	Not reported
Corporate Code:	Not reported
Fire Dept District:	Chula Vista
Census Tract Number:	134.1
EPA ID:	CAL000588293
Gas Station:	Not reported
Inspection Date:	04/22/03
Reinspection Date:	Not reported
Inspector Name:	TTORRES
Violation Notice Issued:	Not reported
Facility Contact:	LARRY HAGEMAN
Delinquent Flag:	Not Delinquent
Last Update:	08/30/10
Last Delinquent Letter:	Not reported
Delinquent Comment:	Not reported
Last Letter Type:	Not reported
Property Owner:	KELTON TITLE CORP
Property Address:	903 OTAY LAKES RD
Property City,St,Zip:	CHULA VISTA, CA 91913
Tank Owner:	CHEVRON USA PRODUCTS COMPANY
Tank Address:	S PO BOX 2833
Tank City,St,Zip:	La Habra, CA 90632
Business Plan Acceptance Date:	Not reported
Reinspection Date Y2K Compatible:	Not reported
Facility Phone:	619-421-1378

HMMD DISCLOSURE INVENTORY:

Item Number:	Not reported
Chemical Name:	Not reported
Case Number:	Not reported
Quantity Stored At One Time:	Not reported
Quantity Stored at One Time:	Not reported
Annual Quantity String:	Not reported
Annual Quantity String:	Not reported
Measurement Units:	Not reported
Carcinogen:	No
1st Hazard Category:	Not reported

CHEVRON #93599 (Continued) **U003938785**

2nd Hazard Category: Not reported

HMMD UNDERGROUND TANKS:

Tank Number: T001
Tank ID Number: 1
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T002
Tank ID Number: 2
Waste or Product: 10000
Tank Contents: Not reported

Tank Number: T003
Tank ID Number: 3
Waste or Product: 5000
Tank Contents: Not reported

Tank Number: T004
Tank ID Number: 4
Waste or Product: 1000
Tank Contents: Not reported

Tank Number: T005
Tank ID Number: 005
Waste or Product: 1000
Tank Contents: Not reported

Tank Number: T006
Tank ID Number: 006
Waste or Product: 12000
Tank Contents: Not reported

Tank Number: T007
Tank ID Number: 007
Waste or Product: 12000
Tank Contents: Not reported

Tank Number: T008
Tank ID Number: 008
Waste or Product: 12000
Tank Contents: Not reported

HMMD VIOLATIONS:

Inspection Date: 01/23/02
Waste Code: Not reported
Occurrences: Not reported
Item Number: 9133

Inspection Date: 01/23/02
Waste Code: Not reported
Occurrences: Not reported
Item Number: 9134

Inspection Date: 01/23/02
Waste Code: Not reported

CHEVRON #93599 (Continued) **U003938785**

Occurrences: Not reported
Item Number: 9135

Inspection Date: 01/17/03
Waste Code: Not reported
Occurrences: Not reported
Item Number: 1977

Inspection Date: 01/17/03
Waste Code: Not reported
Occurrences: Not reported
Item Number: 1978

Inspection Date: 01/17/03
Waste Code: Not reported
Occurrences: Not reported
Item Number: 1979

Inspection Date: 01/17/03
Waste Code: Not reported
Occurrences: Not reported
Item Number: 1980

Inspection Date: 01/17/03
Waste Code: Not reported
Occurrences: Not reported
Item Number: 1981

Inspection Date: 04/29/98
Waste Code: Not reported
Occurrences: Not reported
Item Number: 9299

Inspection Date: 04/29/98
Waste Code: Not reported
Occurrences: Not reported
Item Number: 9300

HMMD WASTE STREAMS:
Inspection Date: Not reported
Waste Item #: Not reported
Waste Code: Not reported
Waste Name: Not reported
Qnty at Inspection: Not reported
Quantity String: Not reported
Annual Qty: Not reported
Annual Qty String: Not reported
Measurement Unit: Not reported
Treatment Method: Not reported
Storage Method: Not reported
Haz Waste Hauler: Not reported
Waste Desc: Not reported
Carcinogen: No

SAN DIEGO CO. SAM:

CHEVRON #93599 (Continued) **U003938785**

Case Number: H05716-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
FType: Soils Only
FStatus: 9
Date: 1/16/2002
Date Began: 11/30/1993

Case Number: H05716-002
Agency: DEH Site Assessment & Mitigation
Funding: **Non Billable**
FType: Soils Only
FStatus: 9
Date: 12/5/1994
Date Began: 11/23/1994

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHULA VISTA	S106923922	CALTRANS T0168	HIGHWAY 54	91910	SWEEPS UST
CHULA VISTA	S109349401	PARADISE MARSH BURN SITE/GUN POWDE	TB 69-B3 TIDELANDS AVE		SWF/LF
CHULA VISTA	S110041739	ROHR INDUSTRIES INC	NONE H ST	91910	SLIC
CHULA VISTA	S110041740	ROHR INDUSTRIES INC	NONE H ST	91910	SLIC
CHULA VISTA	S110041741	ROHR INDUSTRIES INC	NONE H ST	91910	SLIC
CHULA VISTA	S110041743	ROHR INDUSTRIES INC	NONE H ST	91910	SLIC
CHULA VISTA	S106915925	ROHR INDUSTRIES INC	NONE H ST	91910	LUST, SLIC
CHULA VISTA	1003878449	APACHE SERV LDFL	4551 OTAY VALLEY RD		CERC-NFRAP
CHULA VISTA	S105155605	SHINOHARA II	OTAY VALLEY ROAD		SWF/LF
CHULA VISTA	S108407211	ROHR INDUSTRIES INC	H ST	91910	SAN DIEGO CO. SAM
CHULA VISTA	S106931541	ROHR INDUSTRIES INC	H ST (FOOT OF)	91910	SWEEPS UST
CHULA VISTA	S106916353	PLENUMS PLUS SHEET METAL FABRI	67 VIA BRISBANE RD	91910	LUST, SAN DIEGO CO. SAM
SAN DIEGO COUNTY	M300003193	NELSON & SLOAN CO.	OTAY PIT & MILL		MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 08/18/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/18/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/23/2010
Date Data Arrived at EDR: 08/24/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 36

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 11/01/2011
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 09/27/2010
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 9

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 10/12/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/03/2010
Date Data Arrived at EDR: 08/04/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/29/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/18/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/29/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 07/23/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 8

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/27/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 20

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/29/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/18/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/16/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/19/2010
Date Data Arrived at EDR: 08/23/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8
Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 07/27/2010
Date Data Arrived at EDR: 08/13/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 7
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 30

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 27

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/14/2009
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 5

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/29/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/14/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/24/2010
Date Data Arrived at EDR: 08/24/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 07/08/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 34

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/06/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES].

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/15/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/05/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/07/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 36

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/19/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/29/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 07/23/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 8
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/03/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 13
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/21/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/20/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/27/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 08/13/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/14/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/16/2010
Date Data Arrived at EDR: 08/17/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 3

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/19/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/18/2010
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 08/10/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 10

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/09/2010
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 03/04/2010
Number of Days to Update: 20

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 07/27/2010
Date Data Arrived at EDR: 07/28/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 15

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/07/2010
Date Data Arrived at EDR: 07/30/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/18/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/19/2010
Date Data Arrived at EDR: 08/16/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 45

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/12/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/23/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/23/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/23/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 38

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/13/2010
Date Data Arrived at EDR: 09/14/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 15

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 08/13/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 7

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 08/13/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 48

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/30/2010
Date Data Arrived at EDR: 07/21/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/12/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 08/16/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 4

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/12/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/07/2010
Date Data Arrived at EDR: 09/08/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 21

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 12/04/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 45
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/23/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/08/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 20
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 05/14/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 30
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 07/15/2010
Date Data Arrived at EDR: 07/16/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 27
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/20/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 8
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 10/04/2010
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/07/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 19
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/07/2010
Date Data Arrived at EDR: 09/14/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 16
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/12/2010
Date Data Arrived at EDR: 07/13/2010
Date Made Active in Reports: 08/12/2010
Number of Days to Update: 30

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/13/2010
Date Data Arrived at EDR: 09/14/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 16

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 07/26/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 28

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 10/13/2009
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/21/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 9

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 07/20/2010
Date Data Arrived at EDR: 09/16/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 14

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/19/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SOUTHWESTERN COMUNITY COLLEGE
SOUTHWEST CORNER OF E. H STREET AND OTAY LAKES R
CHULA VISTA, CA 91910

TARGET PROPERTY COORDINATES

Latitude (North):	32.64380 - 32° 38' 37.7''
Longitude (West):	116.9986 - 116° 59' 54.9''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	500131.3
UTM Y (Meters):	3611609.8
Elevation:	445 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32116-F8 JAMUL MOUNTAINS, CA
Most Recent Revision:	1994
West Map:	32117-F1 NATIONAL CITY, CA
Most Recent Revision:	1975

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

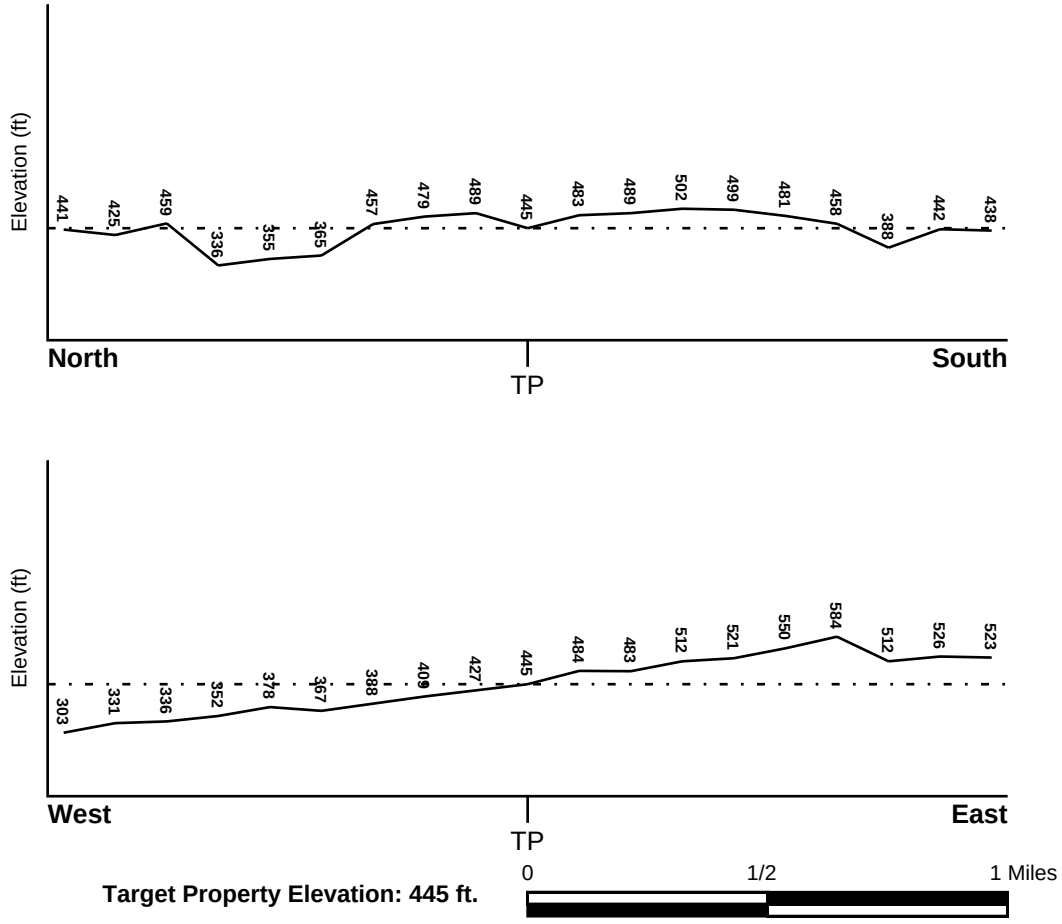
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SAN DIEGO, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06073C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JAMUL MOUNTAINS	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A1	1/8 - 1/4 Mile ESE	Not Reported
A2	1/8 - 1/4 Mile ESE	SW
3	1/4 - 1/2 Mile ESE	W

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

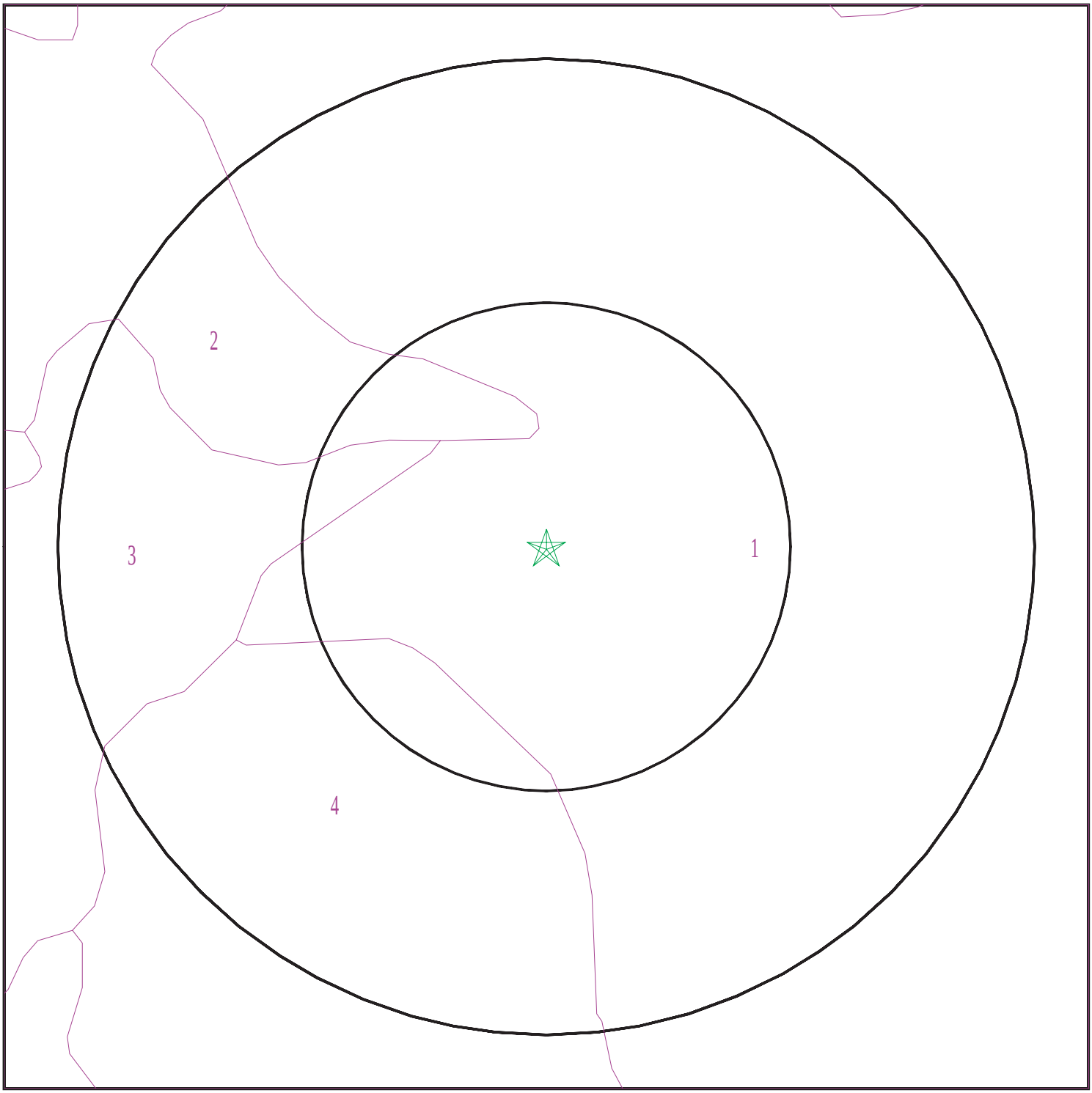
Era:	Cenozoic
System:	Tertiary
Series:	Pliocene
Code:	Tp *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2912924.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Southwestern Comunity College	CLIENT:	ERM West, Inc.
ADDRESS:	Southwest Corner of E. H Street and Otay Lakes R Chula Vista CA 91910	CONTACT:	Kevin Bryan
LAT/LONG:	32.6438 / 116.9986	INQUIRY #:	2912924.2s
		DATE:	November 04, 2010 8:32 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: OLIVENHAIN

Soil Surface Texture: cobbly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
2	9 inches	42 inches	very cobbly clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1
3	42 inches	59 inches	cobbly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 5.1

Soil Map ID: 3

Soil Component Name: LINNE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	37 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	37 inches	40 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: DIABLO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	31 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	35 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No PWS System Found

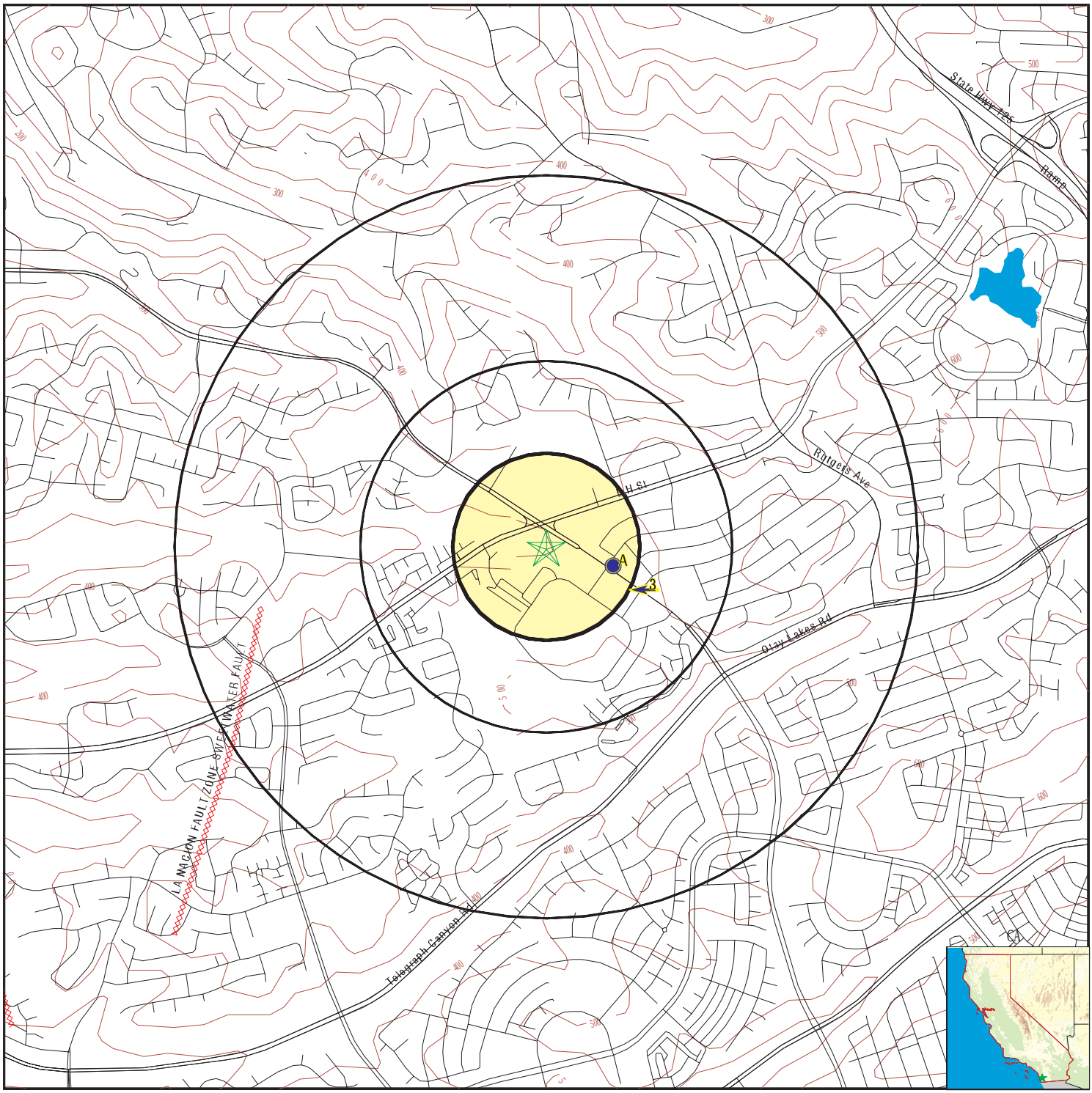
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 2912924.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Southwestern Comunity College	CLIENT:	ERM West, Inc.
ADDRESS:	Southwest Corner of E. H Street and Otay Lakes R Chula Vista CA 91910	CONTACT:	Kevin Bryan
LAT/LONG:	32.6438 / 116.9986	INQUIRY #:	2912924.2s
		DATE:	November 04, 2010 8:32 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **ESE** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 17.5 04/14/1986	**AQUIFLOW**	**38438**
A2 **ESE** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT119 SW 3 13 Not Reported 06/04/1986	**AQUIFLOW**	**33944**
3 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT1657 W Not Reported Not Reported 200 03/10/1992	**AQUIFLOW**	**38315**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91910	20	2

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

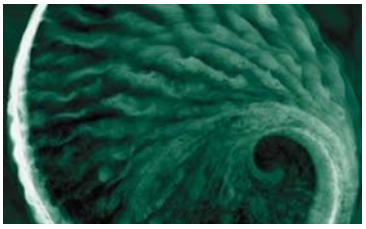
Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

Appendix D
User Questionnaire



HELPFUL DOCUMENTS

Project No. _____
Site Address _____
Client _____

INTRODUCTION

To comply with the requirements of the Federally promulgated Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the property owner, key site manager and user (client) is asked if they know whether any of the below-listed documents exist and, if so, whether copies can be provided for our review within reasonable time and cost constraints **prior to or at the beginning of our site visit**. Even partial information may be useful.

(1.) **Environmental site assessment reports.** No

(2.) **Environmental compliance audit reports.** No

(3.) **Environmental Permits** (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollution Discharge Elimination System (NPDES) permits and underground injection permits). No

(4.) **Registrations for underground and above-ground storage tanks.** No

(5.) **Registration for underground injection systems.** No

(6.) **Material safety data sheets.** No

(7.) **Community right-to-know plans.** No

(8.) **Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.** No

(9.) **Reports regarding hydrologic conditions and the property or surrounding area.** No

(10.) **Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.** No

(11.) **Hazardous waste generation notices or reports.** Yes

(12.) **Geotechnical studies.** Yes

(13.) **Recorded Activity and Use Limitations.** No

Alex Muna
Printed Name and Signature of Respondent

11/9/10
Date

USER QUESTIONNAIRE

Project No. _____
Site Address _____
Client_____

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protection (LLPs)* [35] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments"*),[36] the *user* must provide the following information (if available) to the *environmental professional.* Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).
Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? No

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).
Are you aware of any AULS, such as *engineering controls,* land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local laws? No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).
As the *user* of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current for former *occupants of the property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? No

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).
Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? No Knowledge Of Property Purchase Value

---

[35] *Landowner Liability Protections, or LLPs,* is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability ("Common Elements" Guide)* Issued on March 6, 2003.
[36] P.L. 107-118.

(5.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**
Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*? No

(a.) Do you know the past uses of the *property*? No

(b.) Do you know of specific chemicals that are present or once were present at the *property*? No

(c.) Do you know of spills or other chemical releases that have taken place at the *property*? No

(d.) Do you know of any environmental cleanups that have taken place at the *property*? No

(6.) **The degree of obviousness of the presence of likely presences of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**
As the *user* of this ESA, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*? No

X31. In addition, certain information should be collected, if available, and provided to the *environmental professional* selected to conduct the Phase I. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the LLPs. The information includes:

(a) the reason why the Phase I is required,

(b) the type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc.,

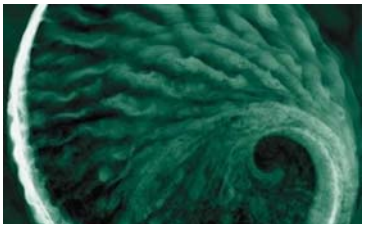
(c) the complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful),

(d) the scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527 are to be considered),

(e) identification of all parties who will rely on the Phase I *report*,

(f) identification of the site contact and how the contact can be reached,

Appendix E
Professional Profiles



Kevin A. Bryan
P.G., C.E.G., CESSWI

Mr. Kevin Bryan is a Program Director in ERM's Irvine, California office with over 20 years of diverse project management and consulting experience in the geotechnical, environmental, and land development fields. His experience includes geotechnical feasibility studies for planning purposes and preliminary geotechnical investigations to develop grading and foundation recommendations for site-specific public and private sector projects and infrastructure and large acreage master planned developments. Mr. Bryan has worked with both the public and private sectors and has negotiated with regulatory and resource agencies across Southern California.

Mr. Bryan has managed numerous site investigations and cleanups, property redevelopments, due diligence associated with mergers and acquisitions, project feasibility, risk, cost allocation/ recovery, general environmental compliance, and regulatory support.

Mr. Bryan has extensive experience in due diligence and detailed field mapping, analysis of aerial photographs and geotechnical and environmental data, fault investigations, and subsurface investigations. In addition to his geotechnical experience, Mr. Bryan's background includes 4 years as the Southern California Division Director of Land Development for the largest Public Builder in the Nation where his duties included oversight of all land development budgets and schedules as well as managing Storm Water Pollution Prevention Plan (SWPPP) implementation and documentation as the compliance executive across the entire Southern California market. He has been directly responsible for the successful management of land development budgets, personnel and implementation for numerous large single-family detached and attached residential developments, and mixed-use parcels with combined budgets of over $600 million dollars in value.

Professional Affiliations & Registrations

- Certified Engineering Geologist (CA #2182)
- Professional Geologist (CA #6950)
- Certified Erosion, Sediment, and Storm Water Inspector (CA#0163)
- OSHA 40hr HAZWOPER Certification and refreshers
- Private Pilot – single engine land with endorsements

Fields of Competence

- Project management
- Engineering geology
- Regulatory agency negotiations
- Soil and ground water investigation
- Due diligence
- SWPPP/NPDES implementation and compliance
- Site investigation and characterization
- Environmental Health and Safety Auditing Protocols
- Training and mentoring programs
- Phase I and Phase II Site Assessments

Education

- M.S., Geology, San Diego State University, 1995
- B.S., Geology, San Diego State University, 1992

Key Industry Sectors

- Construction & Engineering
- Transportation
- Consumer Products & Retailers
- Government
- Service & Entertainment
- Education
- Energy
- Institutional

Key Projects

Land Development

San Elijo Hills Areas I-1 and I-2, San Marcos, CA. Project Manager
Managed all stages of 207-unit residential development from grading and erosion control plan approval, lot mix, product development, improvement plan reviews and approvals, City Council hearings, Community Facilities District (CFD) formation and negotiation, Bonds, NPDES permitting and SWPPP implementation and compliance. Directly responsible for land development budgets and schedules through successful project completion.

La Costa Ridge, Carlsbad, CA. Project Manager
Managed all stages of 90-unit residential development from grading and erosion control plan approval, lot mix, product development, improvement plan reviews and approvals, City Council hearings, Community Facilities District (CFD) formation and negotiation, Bonds, NPDES permitting and SWPPP implementation and compliance. Directly responsible for land development budgets and schedules.

Aubrey Glen, Santee, CA. Project Manager
Managed all stages of 87-unit attached 2-3 story residential development. Completed NPDES permitting, SWPPP implementation and compliance, and demolition/disposal of previous site improvements and debris including several commercial water production wells, asbestos, and lead containing structures. Negotiated easements and deeds for both utilities and street sections with private and public entities. Managed design alternatives for common fire/domestic water system saving substantial additional engineering and construction costs. Directly responsible for land development schedules and budgets through successful completion.

Covington Heights, Yorba Linda, CA. Project Manager
Managed 453-unit residential development during negotiations with California State Parks, USFW, ACOE, RWQCB, and City of Yorba Linda regarding Section 7 Consultation, dedicated easements of open space and habitat conservation including endowments. Managed negotiations with City of Yorba Linda regarding NPDES permit requirements, WQMP conditions, and SWPPP implementation and compliance. Directly responsible for project close-out budgets, schedules and bond exoneration.

Lennar Greer Ranch, Murrieta, CA. Sr. Project Geologist
Managed geotechnical investigations for 2 sets of bolted steel drinking water tanks for extensive due diligence project. Managed geotechnical observation and testing services during grading and improvements for ± 600 acre site. Developed recommendations for deep alluvial removals as well as blasting and oversized material placement. Implemented onsite material testing program for bedrock material addressing suitability for onsite crushing/handling. Material was deemed suitable for use as aggregate, rip-rap for design erosion control, and utility bedding materials providing client significant cost savings.

Silverhawk II, Murrieta Hot Springs Area, CA. Project Manager / Sr. Project Geologist
Completed investigation and grading services included defining numerous traces of potentially active Murrieta Hot Springs Fault which traverses the ±250 acre residential development site. Project had unique grading requirements in the areas surrounding 48-inch, high pressure gas line easements. Additional services managed included observation and testing services during major off-site CFD storm drain and sewer installation and backfill compaction.

Harveston, Temecula, CA. Sr. Project Geologist
Geotechnical observation and testing services during grading and improvement stages for 550-acre master planned development including 17.5-acre man-made lake. Lake design included proprietary clay liner construction utilizing onsite clay materials identified and qualified by geotechnical investigations and extensive laboratory testing. Performed additional investigations to characterize the nature and extent of potentially liquefiable soils utilizing CPT borings. Provided remedial earthwork recommendation.

East Grove, William Lyon Homes, Escondido, CA. Project Geologist
Geotechnical investigation of 500-acre residential site including trenching, hollow stem, and air-percussion borings, detailed mapping, and rippiablity evaluation for proposed 297 lot development with proposed granitic bedrock cuts up to 65 feet and rock fills up to 85 feet thick.

COMMERCIAL AND INDUSTRIAL

Carlsbad Ranch, Carlsbad, CA. Project Geologist
Work included numerous investigations and project management activities to provide site-specific recommendations for a multi-phased, 500-acre master planned commercial development of former agricultural packing plant and growing areas. Specific key project clients during development included:

- LEGOLAND
- Gemological Institute of America (GIA)
- Grand Pacific Resort
- National Museum of Making Music
- Natural Alternatives International
- Carlsbad Company Stores Outlet Center
- DENSO, International.

FEDERAL

U.S. Navy Bachelor Enlisted Quarters, San Clemente Island, CA.
Geotechnical investigation (bucket auger) and detailed geologic mapping of soils. Included interfacing with Southwest Division personnel to facilitate movement of all equipment, including vehicles, via USN barges to and from San Clemente Island.

U.S. Navy Bachelor Enlisted Quarters, San Diego Naval Station, Point Loma, CA.
Geotechnical investigation for planned multi-story BEQ building and associated appurtenances at waters edge of San Diego Bay.

TRANSPORTATION

Cannon Road extension, Carlsbad, CA. Project Geologist
Conducted geotechnical investigation and detailed mapping for roadway extension from Lego Drive to Macario Canyon Bridge. Recommendations included remedial grading around 30-inch high pressure gas line and placement of fill slopes > 50 feet in height. Investigation included hollow stem auger borings and trenching to provide design parameters for proposed concrete bridge abutments.

Faraday Avenue, Carlsbad, CA. Project Geologist
Conducted geotechnical investigation and mapping during roadway extension and completed large diameter borings to identify and characterize several large landslides. Provided recommendations for deep removals, and construction of buttress slopes.

Nutmeg Road extension and realignment, Murrieta, CA. Project Geologist
Performed geotechnical investigation for roadway realignment and extension. Proposed improvements included construction of a 250-foot-long box culvert.

Newport Road Extension Menifee Area, CA. Project Geologist
Performed preliminary investigation for ±4 mile, six-lane roadway alignment studies. Responsible for providing grading recommendations and reviewing earthwork quantities as well as providing material specifications.

ENVIRONMENTAL

Rancho Santa Fe School District Expansion Properties, Rancho Santa Fe, CA. Project Manager
Directly responsible for all aspects of Human Health Risk Assessment (HHRA), Preliminary Endangerment Assessment (PEA), and Supplemental Site Investigation (SSI), associated with planned school district expansion properties proposed for new parking and ball fields. Managed personnel, fieldwork, report preparation, and negotiations with Department of Toxic Substances Control (DTSC) for Land Use Restrictions under extremely tight scheduling requirements resulting in agency approval of PEA and SSI. PEA approval required by school district for approximately $4 million in California Department of Education (CDE) funding.

Kop-Coat, Inc., City of Vernon, CA. Project Manager
Directly responsible for preparation and management of Facility Closure Plan for former industrial paint and marine coatings manufacturer. Facility closure operations included detailed inventory and evaluation of equipment previously used during manufacturing processes. Equipment included large hydraulic floor-mounted mixers, steel mixing and storage vessels, aboveground storage tanks that held solvents and hazardous materials, hydraulic lifts, and industrial sized ball and pebble mills. Observation and documentation during removal and dismantling of equipment for sale and scrap. Completion of closure report for manufacturing equipment.

Phase I Environmental Site Assessments, Project Manager
Preparation of numerous Phase I Environmental Site Assessments in general accordance with ASTM Standard E1527-05 and AAI not limited to the following:

- City of National City, CA. Phase I ESA for multi-block commercial and residential portion of downtown redevelopment area.
- City of Carlsbad, CA. Phase I ESA for confidential client, multi-family residential development of former agricultural facilities including greenhouse areas.
- Rancho Santa Fe, Ca. Phase I ESA for school district expansion properties. Site included known groundwater contamination issues and surficial use of organochlorine pesticides.
- County of San Diego, Campo Area. Phase I ESA at former Camp Lockett Military Facility.
- Temecula, CA, Phase I ESA for facility operator of machine shop making parts for medical device manufacturing process.
- Riverside, Ca, Phase I Transactional Due Dilligence ESA for 400,00 square foot industrial manufacturing plant consisting of 14 separate buildings at 5 discrete locations.
- Mission Viejo, Ca. Phase I ESA for former auto dealership with multiple buildings and in-ground hydraulic lifts, former UST's.
- Vernon, Ca. Phase I ESA for Transactional Due Dilligence ESA of former fertilizer manufacturing plant consisting of 7 separate buildings and associated equipment and industrial facilities.
- Vernon, Ca. Phase I ESA for Transactional Due Dilligence ESA of former bulk chemical mixing facility consisting of 10 separate buildings and associated equipment and industrial facilities.
- Imperial, Ca. Third party review of Ph I and Phase II ESA reports for EIR/EIS related to proposed 2,000 acre solar power generation facilities and associated transmission cooridors.
- San Diego , Ca Phase I ESA and limited EH&S Review at 200,000 square foot medical diagnostic test kit manufacturing facility, included laboratories and R&D areas.
- Mecca, Ca. Transactional due diligence and Phase I ESA including limited EH&S audtit of 47 MW biomass-fired power plant located on tribal land.
- Visalia, Ca confidantial transactional due diligence at a bulk chemical mixing and transfer station.
- Aliso Viejo, Ca. confidential transactional due diligence and Phase I ESA with EH&S audit for 150,000 square foot medical diagnostice cancer screening facility with R&D laboratories and clean rooms.

Balfour Beatty Group Audit Protocol (BBGAP-US) North American Environmental Health and Safety Audit Program
Lead environmental auditor during Balfour Beatty EH&S audit protocol program including

- San Diego, CA., Douglas Barnhart- MCRD Barracks Building 570 Reconstruction.
- Luke AFB, demolition and remodel, 570 units of residential housing, BB Facilities - Luke AFB, AZ;
- Plano, Tx., Bank of America Data Center, complete reconfiguration and retrofitting of 400,000 square foot data center facility BB - Construction.
- Gillette, Wy., Team lead auditor for EH&S audit of BB-Rail Construction and Maintnance during operations at active 5,000 acre open pit coal mine.

BBGAP Audit protocol included evaluation of management systems, EH&S operations , Stormwater, and onsite project evaluations and document review, formal presentation of findings to BB executives and project team.

Imerys/World Minerals – Celite Mine Site Environmental Audit Team
Environmental Improvement Team Lead during EH&S review and assessment of 5,000-ac diatomaceous earth (DE) mine and processing facility located in Lompoc, Ca. Assessment included audit of environmental documentation and permitting, SWPPP and mine facility compliance with NPDES permit requirements as well as visual assessment of existing tailings impoundments.

USAA Insurance Smoke Damage Assessments
Performed numerous qualitative and quantitative smoke damage assessments in support of Certified Industrial Hygienist for claims response after the 2007 Southern California Wildfires. Included: scheduling, site

inspections, documentation and discrete sampling and analysis per project protocol at over 40 discrete locations.

McMillin – Liberty Station
Project Manager - implementation of ERM prepared Asbestos Management Plan. Work included providing 2-hr. Asbestos Awareness Training to client and sub-contractors onsite during project improvements as well as management of asbestos related documents (manifests, notifications, laboratory analyses).

McMillin – Land Development
Provided consulting services associated with property impacted by unexploded ordinance (UXO) and Formerly Used Defense Site (FUDS) overlay. Initiated negotiations between client and United States Army Corps of Engineers (USACE) and California Environmental Protection Agency – Department of Toxic Substances Control related to Voluntary Clean-up Agreement (VCA) options.

County of San Diego – Campo Area
Project Manager – Underground Fuel Storage Tank (UST) removal and groundwater investigation to determine source of contamination in groundwater used for irrigation at historic former military facility.

OSKI Energy – Environmental Consulting Services
Performed environmental review support services and completed engineering geologic review of former geothermal resource area and exploratory pads, slopes, and access roads for proposed re-initiation of deep drilling exploration operations in Lake County, CA. Pad areas contained asbestos bearing rock and other environmentally sensitive natural and engineered materials.

Truong T. Mai, PE

Partner

Mr. Truong Mai is a Partner within ERM based in Irvine, California. He has over 16 years of diverse consulting and client advocacy experience in the environmental field. He has focused primarily on due diligence, site investigation and cleanup, property redevelopment, cost allocation/ recovery, general environmental compliance, regulatory negotiations, and litigation support.

Mr. Mai has managed projects at numerous high-profile sites, including multiple-PRP sites, state and federal Superfund sites, Brownfields, airports, industrial/manufacturing sites, a major national park, and military bases (active and closed). Time after time, Mr. Mai has demonstrated his ability to effectively manage all aspects of large-scale environmental projects or programs. His leadership results in successful technical strategies and regulatory negotiations, effective client communication, efficient resource allocation, budget control, and accelerated schedules to meet client objectives, where desired.

Mr. Mai has performed and directed numerous soil vapor, indoor air, soil, and ground water investigations, in complex field settings. He has developed and evaluated remedial alternatives, performed cost/benefit analyses, designed pilot tests and remedial systems, and managed remedial implementation activities. His specific technical experience includes in situ chemical oxidation, soil vapor extraction, air sparging, ground water extraction and treatment, and injections at sites impacted with chlorinated solvents, hydrocarbons, metals, pesticides, and emerging compounds. He also has extensive regulatory agency negotiation experience with Federal, state, and local agencies.

Professional Affiliations & Registrations

- Professional Engineer (Civil), California (#C63484)

Fields of Competence

- Project management
- Regulatory agency negotiations and site closure
- Litigation support
- Due diligence
- Soil and ground water investigation
- Remedial alternatives evaluations
- Remedial design
- Remedial cost estimation
- Construction management
- Remedial action implementation
- General EHS compliance

Education

- B.S., Civil/Environmental Engineering, University of California at Davis, 1994

Languages

- English, native speaker

Key Industry Sectors

- Legal and Financial
- Aerospace
- Transportation
- Government
- Oil & Gas

Key Projects

Glendale Operable Unit, San Fernando Valley Superfund Site, Glendale, California, Glendale Respondents Group, 2007-present. Principal-in-Charge
Project elements/attributes:
- PRP group coordination
- Confidential innovative remedial technology evaluation and project strategy development
- Regulatory interactions
- Focused feasibility study to update existing remedy, including modeling, investigation, risk assessment, engineering evaluation

Old Hammer Field, Fresno, California, City of Fresno, Boeing Company, USACE, NGB, 2003-present. Project Manager/Project Coordinator
Project elements/attributes:
- PRP group coordination
- Regulatory interactions (multiple agencies)
- RI/FS/RAP/RD/RA implementation
- Litigation and settlement support
- Large-scale remedy
- Public/community outreach

El Monte Operable Unit, San Gabriel Valley, CA Superfund Site, PRP Group, 2002-2003. Project Engineer/Regulatory Support
Project elements/attributes:
- Litigation and settlement support

Former Turco Facility, Carson, California, Black Equities, LLC and Legacy Site Services, LLC, 2006-present. Principal-in-Charge
Project elements/attributes:
- PRP group coordination
- Due diligence
- Regulatory interactions
- RCRA requirements (negotiated consent agreement)
- Investigation, risk assessment, engineering design, and remedy implementation
- Regional impacts/co-mingled plumes
- Public/community outreach
- Large-scale remedy

Fansteel, Los Angeles, California, Black Equities, LLC, 2008-present. Principal-in-Charge
Project elements/attributes:
- Due diligence
- Regulatory interactions
- Investigation and engineering evaluations
- Regional impacts/co-mingled plumes
- Environmental insurance claim

Former Ametek Manufacturing Facility, El Cajon, California, Ametek, 2006-present. Principal-in-Charge
Project elements/attributes:
- Due diligence
- Regulatory interactions
- Litigation and settlement support
- Investigation, risk assessment, engineering design
- Regional impacts/co-mingled plumes
- Public/community outreach

Former Dry Cleaner Site, Santa Ana, California, Sarofim, 2008-present. Principal-in-Charge
Project elements/attributes:
- Due diligence
- Regulatory interactions
- Investigation, risk assessment, engineering design
- Environmental insurance claim

Confidential Refinery, Southern California, Confidential Client, 2004-present. Technical and Regulatory Support
Project elements/attributes:
- Regulatory interactions
- Litigation and settlement support
- Investigation, risk assessment, engineering design, large-scale remedy implementation
- Regional impacts/co-mingled plumes
- CERCLA and RCRA issues
- Public/community outreach

Microsemi, Santa Ana, California, 2007-present. Principal-in-Charge
Project elements/attributes:
- Due diligence
- Regulatory interactions
- Real estate transaction support
- Property redevelopment support, including facility decontamination and demolition
- Investigation, risk assessment, engineering design, and remedy implementation

717 Facility, Long Beach, California, Boeing Realty Corporation, 2007. Principal- in-Charge
Project elements/attributes:

- Engineering design and large-scale remedy implementation (chemical injections)

Former Canon Facility, Costa Mesa, California, Canon USA, 2002-2006. Project Manager
Project elements/attributes:

- Due diligence
- Regulatory interactions
- Real estate transaction support
- Property redevelopment support
- Investigation, risk assessment, engineering design, and remedy implementation

Yosemite National Park, California, Yosemite Concession Services Corporation, 1994-2004. Project Engineer/Task Manager/Program Manager
Project elements/attributes:

- Regulatory interactions
- UST program management (30+ sites)
- Investigation, risk assessment, engineering design, and remedy implementation
- UST Fund cost reimbursement application

Los Valles Land & Golf LLC, California, Palmer Investments, 2003-2007. Project Manager
Project elements/attributes:

- Due diligence
- Regulatory interactions
- Real estate transaction support
- Property redevelopment support
- Investigation, risk assessment, engineering design, and remedy implementation

Los Angeles and Long Beach, California, UPRR, 2003-2004. Technical/Engineering Support
Project elements/attributes:

- Engineering design and large-scale remedy implementation

Multiple Sites, California, Burlington Northern Santa Fe Railway (BNSF), 2003-Present. Technical Support
Project elements/attributes:

- Due diligence
- Regulatory interactions
- Real estate transaction support
- Property redevelopment support
- Investigation, risk assessment, engineering design, and remedy implantation
- Corporate risk management

Rancho Cordova Facility, California, GenCorp/Aerojet, 2001-2003. Project Engineer
Project elements/attributes:

- Engineering design and large-scale remedy implementation

Portfolio Evaluation, Confidential Client, 2001. Project Engineer
Project elements/attributes:

- Due diligence
- Real estate transaction support
- Corporate risk evaluation

Curtis Park, California, Renova Partners, 2001. Project Engineer
Project elements/attributes:

- Due diligence
- Real estate transaction support
- Property redevelopment support
- Environmental insurance procurement

Sacramento Rail Yard, California, Union Pacific Rail Road (UPRR), 2000-2002. Project Engineer/Task Manager
Project elements/attributes:

- Due diligence
- Real estate transaction support
- Property redevelopment support
- Environmental insurance procurement

Various ANG Facilities, Western U.S., National Guard Bureau (NGB), 1998-2004. Project Manager
Project elements/attributes:

- Regulatory interactions (multiple agencies)
- RI/FS/RAP/RD/RA implementation
- Large-scale remedy
- Public/community outreach
- Multiple facilities: Kingsley Field, Oregon; Hayward Airport, California; Toledo Express, Ohio; Buckley ANGB, Colorado; Reno-Tahoe Airport, Nevada

Modesto Facility, California, FMC, 1998-2000.
Project Manager
Project elements/attributes:

- Regulatory interactions (multiple agencies)
- RI/FS/RAP
- Public/community outreach

Arcady Disposal Site, California, PRP Group, 1998-2000. Project Engineer/Project Manager

- PRP group coordination
- Regulatory interactions
- Investigation, risk assessment, engineering design,

Various California Naval Facilities, California, U.S. Navy, 1995-1999. Project Engineer/Task Manager
Project elements/attributes:

- Regulatory interactions (multiple agencies)
- RI/FS/RAP/RD/RA implementation
- Public/community outreach
- Multiple facilities in the San Francisco Bay Area

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Southwestern College Whole Site Modernization Project
Draft Mitigated Negative Declaration

Appendix F

Noise Study

Prepared by Ldn Consulting, Inc.

October 9, 2015

NOISE STUDY

Southwestern College
Corner Lot Project
City of Chula Vista

Prepared For:

BRG Consulting, Inc.
304 Ivy Street
San Diego, CA 92101

Prepared by:

Ldn Consulting, Inc.
446 Crestcourt Lane
Fallbrook, CA 92028
760-473-1253

October 7, 2015

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ATTACHMENTS

GLOSSARY OF TERMS

Sound Pressure Level (SPL): a ratio of one sound pressure to a reference pressure (L_{ref}) of 20 µPa. Because of the dynamic range of the human ear, the ratio is calculated logarithmically by 20 log (L/L_{ref}).

A-weighted Sound Pressure Level (dBA): Some frequencies of noise are more noticeable than others. To compensate for this fact, different sound frequencies are weighted more.

Minimum Sound Level (L_{min}): Minimum SPL or the lowest SPL measured over the time interval using the A-weighted network and slow time weighting.

Maximum Sound Level (L_{max}): Maximum SPL or the highest SPL measured over the time interval the A-weighted network and slow time weighting.

Equivalent sound level (L_{eq}): the true equivalent sound level measured over the run time. Leq is the A-weighted steady sound level that contains the same total acoustical energy as the actual fluctuating sound level.

Day Night Sound Level (LDN): Representing the Day/Night sound level, this measurement is a 24 –hour average sound level where 10 dB is added to all the readings that occur between 10 pm and 7 am. This is primarily used in community noise regulations where there is a 10 dB "Penalty" for night time noise. Typically LDN's are measured using A weighting.

Community Noise Exposure Level (CNEL): The accumulated exposure to sound measured in a 24-hour sampling interval and artificially boosted during certain hours. For CNEL, samples taken between 7 pm and 10 pm are boosted by 5 dB; samples taken between 10 pm and 7 am are boosted by 10 dB.

Octave Band: An octave band is defined as a frequency band whose upper band-edge frequency is twice the lower band frequency.

Third-Octave Band: A third-octave band is defined as a frequency band whose upper band-edge frequency is 1.26 times the lower band frequency.

Response Time (F,S,I): The response time is a standardized exponential time weighting of the input signal according to fast (F), slow (S) or impulse (I) time response relationships. Time response can be described with a time constant. The time constants for fast, slow and impulse responses are 1.0 seconds, 0.125 seconds and 0.35 milliseconds, respectively.

EXECUTIVE SUMMARY

This noise study has been completed to determine the noise and vibration impacts to and from the proposed residential project. The proposed modernization of Southwestern Community College in Chula Vista through four specific component projects. The four different projects include a new 98,724 sf Math and Science building, a new 80,795 sf Wellness and Aquatic complex, a new 41,345 sf Performing Arts and Cultural Center complex (PACCC) along with a 6,400 sf Security Complex, and a new parking structure. The project is located at the southwest intersection of East H Street and Otay Lakes Road within the City of Chula Vista, CA.

Although the Southwestern Community College District, as a State entity, is not subject to local municipal regulations, the local standards are a subject of importance to the District in evaluating impacts. For the purposes of this analysis the thresholds used were developed from the City of Chula Vista noise standards and policies.

Operational Noise Levels

Based upon the property line noise levels determined above none of the proposed noise sources exceeds the property line standards at the residential property lines. Therefore, the proposed development related operational noise levels comply with the noise standards at the adjacent property lines. No Impacts are anticipated and no mitigation is required.

Construction Noise Levels

Typical noise levels associated with construction activities range from approximately 65 dBA to 95 dBA at 50 feet from the source (U.S. EPA, 1971). Construction noise would be audible to surrounding uses and visitors in the vicinity of the project site, including students. However, this noise increase is temporary and limited only to typical work hours between 7:00 a.m. and 10:00 p.m. Monday through Friday and between 8:00 a.m. and 10:00 p.m. on Saturday and Sunday, in accordance with the City noise ordinance. No impacts to residential receptors would occur from construction noise.

Transportation Noise Levels – Onsite

It was determined that the worst-case, unshielded, future noise level of approximately 72 dBA CNEL at the building facade. This worst-case noise level is compatible with the City's General Plan for commercial developments and athletic uses and no impacts are anticipated and no mitigation is required.

Offsite Project Related Transportation Noise Levels

The project does will not create a direct impact of more than 3 dBA CNEL on any roadway segment and no cumulative noise increase of 3 dBA CNEL or more were found. Therefore, the proposed project's direct and cumulative contributions to off-site roadway noise increases will not cause any significant impacts to any existing or future noise sensitive land uses.

1.0 PROJECT INTRODUCTION

1.1 Purpose of this Study

The purpose of this Noise study is to determine noise impacts, if any, to the Project from off-site sources (i.e. traffic) and impacts from the Project construction and operations (i.e. traffic generated). Should impacts be determined, the intent of this study would be to recommend suitable mitigation measures to reduce impacts to below a level of significance.

1.2 Project Location

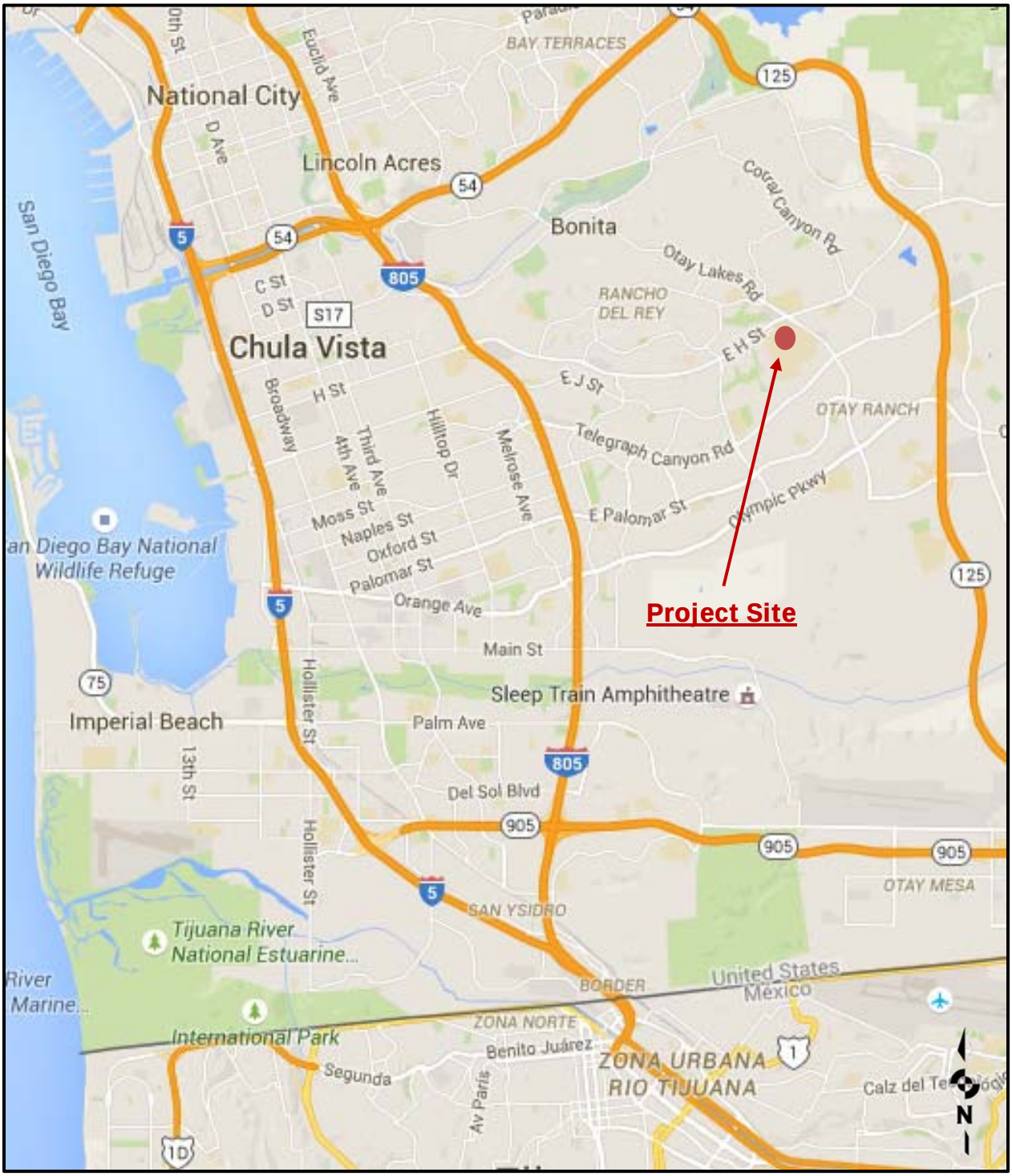
The proposed development is located in the City of Chula Vista in southern California. The project is located at the southwest intersection of East H Street and Otay Lakes Road, roughly 2.75 miles west of Interstate 805 and 6.4 miles north of the U.S./Mexican Border. Access to the Project site is provided by an entrance point at H Street and three others along Otay Lakes Road. A general Project vicinity map is shown in Figure 1–1 on the following page.

1.3 Project Description

The Southwestern College Corner Lot Project is a specific plan development that proposes a modernization of Southwestern Community College through four specific component projects. The four different projects include a new 98,724 sf Math and Science building, a new 80,795 sf Wellness and Aquatic complex, a new 41,345 sf Performing Arts and Cultural Center complex (PACCC) along with a 6,400 sf Security Complex, and a new parking structure.

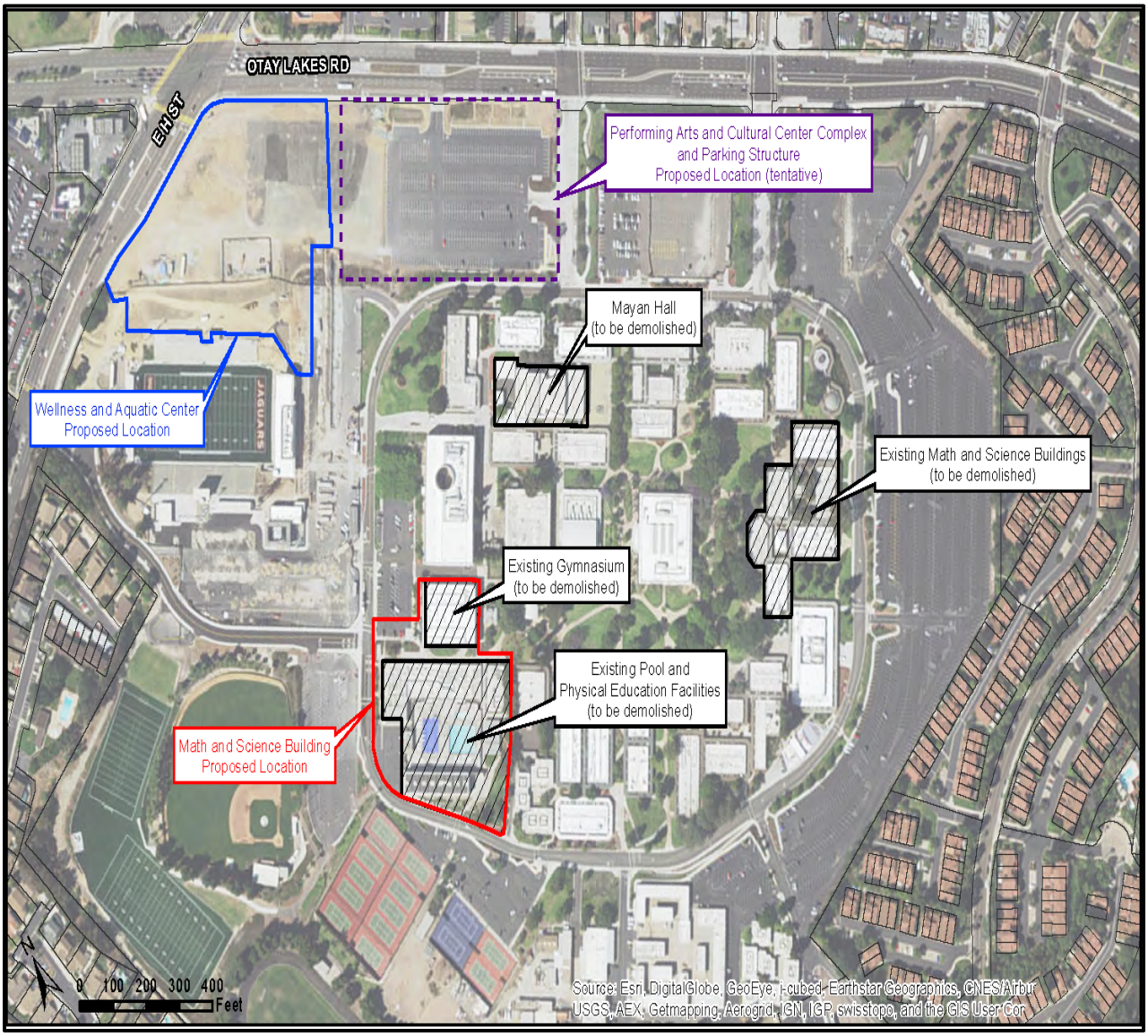
In addition the Wellness and Aquatic complex, PACCC, and new parking structure would be developed on the currently underdeveloped Corner Lot and Lot O at the southwestern portion of the college. Demolition of specific existing campus buildings would be required for the development of the Math and Science building. The project site plan can be seen in Figure 1-2 on Page 3 of this report.

Figure 1-1: Project Vicinity Map



Source: (Google 2015)

Figure 1-2: Project Site Development Plan



Source: (BRG Consulting, Inc, 2015)

2.0 ACOUSTICAL FUNDAMENTALS

Noise is defined as unwanted or annoying sound which interferes with or disrupts normal activities. Exposure to high noise levels has been demonstrated to cause hearing loss. The individual human response to environmental noise is based on the sensitivity of that individual, the type of noise that occurs, and when the noise occurs.

Sound is measured on a logarithmic scale consisting of sound pressure levels known as a decibel (dB). The sounds heard by humans typically do not consist of a single frequency but of a broadband of frequencies having different sound pressure levels. The method for evaluating all the frequencies of the sound is to apply an A-weighting to reflect how the human ear responds to the different sound levels at different frequencies. The A-weighted sound level adequately describes the instantaneous noise whereas the equivalent sound level depicted as Leq represents a steady sound level containing the same total acoustical energy as the actual fluctuating sound level over a given time interval.

The Community Noise Equivalent Level (CNEL) is the 24-hour A-weighted average for sound, with corrections for evening and nighttime hours. The corrections require an addition of 5 decibels to sound levels in the evening hours between 7 p.m. and 10 p.m. and an addition of 10 decibels to sound levels at nighttime hours between 10 p.m. and 7 a.m. These additions are made to account for the increased sensitivity during the evening and nighttime hours when sound appears louder.

A vehicles noise level is a combination of the noise produced by a vehicle's engine, exhaust, and tires. The cumulative traffic noise levels along a roadway segment are based on three primary factors: the amount of traffic, the travel speed of the traffic, and the vehicle mix ratio or number of medium and heavy trucks. The intensity of traffic noise is increased by higher traffic volumes, greater speeds, and increased number of trucks.

Because mobile/traffic noise levels are calculated on a logarithmic scale, a doubling of the traffic noise or acoustical energy results in a noise level increase of 3 dBA. Therefore the doubling of the traffic volume, without changing the vehicle speeds or mix ratio, results in a noise increase of 3 dBA. Mobile noise levels radiate in an almost oblique fashion from the source and drop off at a rate of 3 dBA for each doubling of distance under hard site conditions and at a rate of 4.5 dBA for soft site conditions. Hard site conditions consist of concrete, asphalt, and hard pack dirt while soft site conditions exist in areas having slight grade changes, landscaped areas, and vegetation. Alternately, fixed/point sources radiate outward uniformly as it travels away from the source. Their sound levels attenuate or drop off at a rate of 6 dBA for each doubling of distance.

The most effective noise reduction methods consist of controlling the noise at the source and blocking the noise transmission with barriers. Any or all of these methods may be required to reduce noise levels to an acceptable level. To be effective, a noise barrier must have enough mass to prevent significant noise transmission through it and high enough and long enough to shield the receiver from the noise source. A safe minimum surface weight for a noise barrier is 3.5 pounds/square foot (equivalent to 3/4-inch plywood), and the barrier must be carefully constructed so that there are no cracks or openings.

Barriers constructed of wood or as a wooden fence must have minimum design considerations as follows: the boards must be ¾ inch thick and free of any gaps or knot holes. The design must also incorporate either overlapping the boards at least 1 inch or utilizing a tongue-and-grove design for this to be achieved.

3.0 SIGNIFICANCE THRESHOLDS AND STANDARDS

Although the Southwestern Community College District, as a State entity, is not subject to local municipal regulations, the local standards are a subject of importance to the District in evaluating impacts. For the purposes of this analysis the thresholds used were developed from the City of Chula Vista noise standards and policies.

3.1 Operational Noise

The City of Chula Vista Municipal Code *Section 19.68.030* sets an exterior hourly noise limit for the project site. The relevant sections are summarized below:

The noise standards for the various categories of land use as presented in Table III in the Noise Ordinance Section 19.68.030, and set forth in terms defined in the city land use code set forth in Chapter 19.04 CVMC, shall, unless otherwise specifically indicated, apply to each property or portion of property substantially used for a particular type of land use reasonably similar to the land use types shown in Table III. Where two or more dissimilar land uses occur on a single property, the more restrictive noise limits shall apply. Table 3-1 summarizes the exterior noise limits as described in Table III of Section 19.68.030.

Table 3-1: City of Chula Vista Exterior Noise Limits

Receiving Land Use Category	Noise Level (dBA)	
	10 p.m. to 7 a.m. (Weekdays)	7 a.m. to 10 p.m. (Weekdays)
	10 p.m. to 8 a.m. (Weekends)	8 a.m. to 10 p.m. (Weekends)
All residential (except multiple dwelling)	45	55
Multiple dwelling residential	50	60
Commercial	60	65
Light industry – I-R and I-L Zone	70	70
Heavy industry – I Zone	80	80
Environmental Noise – Leq in any hour. Nuisance Noise – Not to be exceeded any time.		

No person shall operate, or cause to be operated, any source of sound at any location within the city or allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person which causes the noise level to exceed the environmental and/or

nuisance interpretation of the applicable limits given in Table III of the City's Noise Ordinance Section 19.68.030.

The City's Noise Ordinance Section 19.68.030 (B4) allows corrections to exterior noise level limits if the measured ambient level exceeds the permissible noise levels in Table III, the allowable noise exposure standard shall be the ambient noise level. The ambient level shall be measured when the noise source is not operating.

3.2 Construction Noise

Construction activities are exempt from exterior noise standards in Section 19.68.060. However, the City of Chula Vista Municipal Code *Section 17.24.040 Item C8* limits the hours for construction activities as follows:

"The use of any tools, power machinery or equipment or the conduct of construction and building work in residential zones so as to cause noises disturbing to the comfort and repose of any person residing or working in the vicinity, between the hours of 10:00 P.M. and 7:00 A.M., Monday through Friday, and between the hours of 10:00 P.M. and 8:00 A.M., Saturday and Sunday, except when the same is necessary for emergency repairs required for the health and safety of any member of the community."

3.3 Offsite Transportation Noise

In accordance with CEQA, a project should not have a noticeable adverse impact on the surrounding environment. Noise level changes greater than 3 dBA, or a doubling of the acoustic energy, are often identified as audible and considered potentially significant, while changes less than 1 dBA are not discernible. In the range of 1 to 3 dBA, humans who are very sensitive to noise may perceive a slight change. For the purposes for this analysis, a direct and cumulative roadway noise impact would be considered significant if the project increases noise levels at a noise sensitive land use 3 dBA CNEL and if the noise level increases above an unacceptable noise level per the City's General Plan.

3.4 Onsite Transportation Noise (Land Use Compatibility)

The City of Chula Vista requires new projects to meet exterior noise level standards as established in the Exterior Land Use / Noise Compatibility Guidelines of the City's General Plan. Table 3-2 displays the land use compatibility standards. The City of Chula Vista has adopted interior and exterior noise standards as part of the General Plan Environmental Element for assessing the compatibility of land uses with transportation related noise impacts. For noise sensitive residential land uses, the City has adopted an exterior noise level goal of 65 dBA CNEL for the outdoor areas under Policy E 21.1 and requires an interior noise level of less than 45

dBA CNEL per Policy E 21.2. In the context of this noise analysis, the noise impacts associated with the project are controlled by the City's General Plan Environmental Element.

Table 3-2: City of Chula Vista Exterior Land Use/Noise Compatibility Guidelines

Location	Annual CNEL in Decibels					
	50	55	60	65	70	75
Residential						
Schools, Libraries, Daycare Facilities, Convalescent Homes, Outdoor Use Areas, and Other Similar Uses Considered Noise Sensitive						
Neighborhood Parks, Playgrounds						
Community Parks, Athletic Fields						
Offices and Professional						
Places of Worship (excluding outdoor use areas)						
Golf Courses						
Retail and Wholesale Commercial, Restaurants, Movie Theaters						
Industrial, Manufacturing						
Source: City of Chula Vista General Plan, December 2005						

4.0 EXISTING NOISE ENVIRONMENT

Noise measurements were taken September 28, 2015 in the late morning using a Larson-Davis Model LxT Type 1 precision sound level meter, programmed, in "slow" mode, to record noise levels in "A" weighted form. The sound level meter and microphone were mounted on a tripod, five feet above the ground and equipped with a windscreen during all measurements. The sound level meter was calibrated before and after the monitoring using a Larson-Davis calibrator, Model CAL 200.

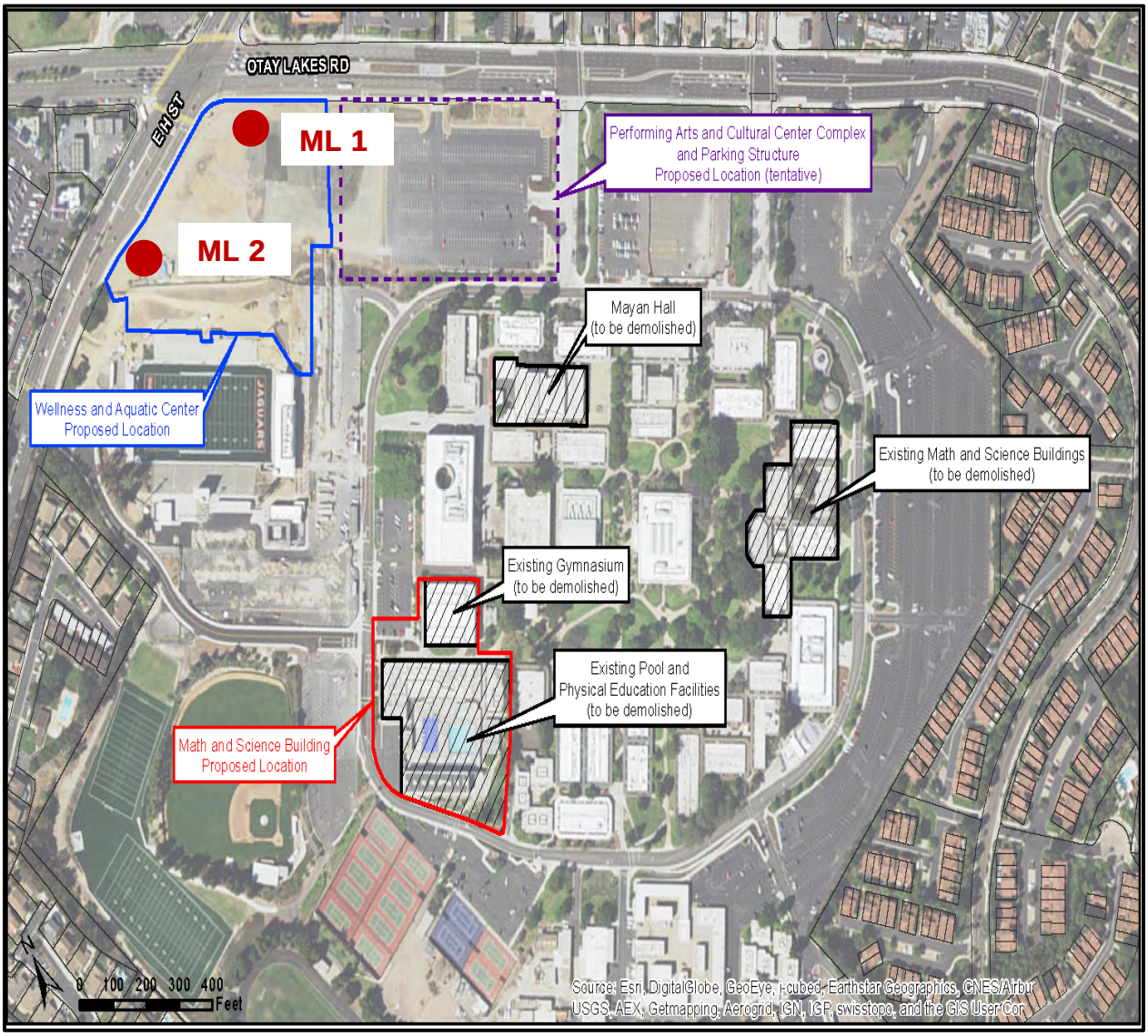
Monitoring location 1 (ML1) was located roughly 25 feet from the road edge of the outside travel lane of East H Street and ML2 was located along Otay Lakes Road about 25 feet from the back of sidewalk. The site topography is relatively flat with the roadway at both meter locations. The noise monitoring locations are provided graphically in Figure 4-1 on the following page. The results of the noise level measurements are presented in Table 4-1. The noise measurements were monitored for a time period of twenty minutes during late morning traffic conditions. The existing noise levels in the project area consisted primarily of traffic along the roadways.

The ambient Leq noise levels measured in the area of the project during the late morning, just before lunch, were found to be between 61-67 dBA Leq based on the close proximity of the adjacent roadways. The statistical indicators Lmax, Lmin, L10, L50 and L90, are given for the monitoring location. As can be seen from the L90 data, 90% of the time the noise level is under 60 dBA from traffic.

Table 4-1: Measured Ambient Noise Levels

Measurement Identification	Location	Time	Noise Levels (dBA)					
			Leq	Lmax	Lmin	L10	L50	L90
ML1	East H Street	11:05-11:25 a.m.	66.4	78.7	53.2	70.1	64.4	59.6
ML2	Otay Lakes Road	11:35-11:55 a.m.	61.3	69.3	46.5	66.0	59.7	51.9
Source: Ldn Consulting								

Figure 4-1: Ambient Noise Monitoring Locations



5.0 OPERATIONAL NOISE LEVELS

This section examines the potential operational noise source levels associated with the development and operation of the proposed project. Noise from a fixed or point source drops off at a rate of 6 dBA for each doubling of distance. Which means a noise level of 70 dBA at 5 feet would be 64 dBA at 10 feet and 58 dBA at 20 feet.

Property lines surrounding the project site are commercial to the north across Otay Lakes Road Street and East H Street. Existing residential uses are located to the west across the campus and northeast across Otay Lakes Road. Noise generated by the existing commercial uses near the site would normally include mechanical ventilation (HVAC) equipment, loading docks, and trash collection. Most of the adjacent commercial uses are grocery and neighborhood commercial. During the site visit and monitoring period no major noise sources for the commercial uses were identified. There were no activities from the businesses besides routine customers coming in and out of the shops. In addition, these noise sources are consistent with adjacent uses in the project vicinity.

During the approval of design review permits for the proposed buildings, the air conditioning, cooling and ventilating equipment and any other noise generating equipment shall be screened, shielded and/or sound buffered from surrounding land uses.

For the purposes of this analysis the thresholds used were developed from the City of Chula Vista noise standards and policies. According to the City's Municipal Code, no person shall operate, or cause to be operated, any source of sound at any location within the city or allow the creation of any noise on property owned, leased, occupied or otherwise controlled by such person which causes the noise level to exceed the environmental and/or nuisance interpretation of the applicable limits given in Table III of the City's Noise Ordinance Section 19.68.030. The City's Noise Ordinance Section 19.68.030 (B4) allows corrections to exterior noise level limits if the measured ambient level exceeds the permissible noise levels in Table III, the allowable noise exposure standard shall be the ambient noise level. The ambient level shall be measured when the noise source is not operating.

HVAC Noise Levels

This section will analyze the noise levels at the property line to determine the worst case noise levels, any impacts, and necessary mitigation solutions, if needed. It is important to note that the following projected noise levels assume the worst-case noise environment with all the roof-top mounted mechanical ventilation (HVAC) all occurring at the same time. In reality, these noise levels will vary throughout the day. The mechanical ventilation may operate during nighttime hours and early morning hours.

Rooftop mechanical ventilation units (HVAC) will be installed on the proposed building. In order to evaluate the HVAC noise impacts, the analysis utilized reference noise level measurements taken at a Kaiser Health Care Facility in Los Angeles, CA in 2012. The unshielded noise levels for the HVAC units were measured at 76 dBA Leq at a distance of 3 feet. Even though the mechanical ventilation system will cycle on and off throughout the day, this approach presents the worst-case noise condition. In addition, these units are designed to provide cooling during the peak summer daytime periods, and it is unlikely that all the units will be operating continuously.

The noise levels associated with the roof-top mechanical ventilation system will be limited with the proposed parapet walls on the building that may vary in height but will be used to shield them both visually and acoustically. Additionally, the HVAC units will be spread out over the roof at different distances to the property lines. The parapets will break the line of sight to the HVAC units and will reduce the noise levels a minimum of 5 decibels and more likely up to 20 decibels. The noise level reductions due to distance and the parapet walls for the nearest property line are provided in Table 5-1 below.

Table 5-1: Project HVAC Noise Levels (Nearest Property Line)

Source	Distance To Observer Location (Feet)	Hourly Reference Noise Level (dBA)	Noise Source Reference Distance (Feet)	Noise Reduction Due To Distance (dBA)	Minimum Reduction from Parapets (dBA)	Property Line Cumulative Noise Level (dBA)*
HVAC	200	76	3	-36.5	-5	35
HVAC	225	76	3	-37.5	-5	33
HVAC	250	76	3	-38.4	-5	33
HVAC	275	76	3	-39.2	-5	32
HVAC	300	76	3	-40.0	-5	31
Cumulative Noise Level (dBA Leq)						**40**

Outdoor Pool Activity Noise Levels

Noise level measurements of typical daily operations of outdoor pool activities were taken at two San Diego YMCA facilities located in Escondido and Oceanside on September 9th, 2009 and September 13th, 2009, respectively. The Escondido YMCA measurements include an instructional swim class with at least 30 people participating and the use of a portable radio. The meter was located 45-feet from the main activities and measurements were found to 64.4 dBA. The Oceanside YMCA measurements consisted of open swimming activities of 25 people in

the main pool area. The meter was located 45-feet from the activities and found to 61.3 dBA. The highest measured reference noise levels of 66.8 dBA was utilized to determine if impacts will occur. The existing and proposed structures along with the perimeter walls that existing at the nearest residences will break the line of sight to the pool activities and reduce the noise levels at least 5 decibels and more. The resultant noise levels at the nearest property line are provided in Table 5-2.

Table 5-2: Project Pool Noise Levels (Nearest Property Line)

Source	Distance To Observer Location (Feet)	Hourly Reference Noise Level (dBA)	Noise Source Reference Distance (Feet)	Noise Reduction Due To Distance (dBA)	Reduction from Shielding (dBA)	Property Line Cumulative Noise Level (dBA)*
Pool 1	465	65	45	-20.3	-5	40
Pool 2	545	65	45	-21.7	-5	38
Pool 3	615	65	45	-22.7	-5	37
Cumulative Noise Level (dBA Leq)						**43**

5.2 Conclusions

Based upon the property line noise levels determined above none of the proposed noise sources exceeds the City's property line standards at the residential property lines. Therefore, the proposed development related operational noise levels comply with the local noise standards at the adjacent property lines. No Impacts are anticipated and no mitigation is required.

6.0 CONSTRUCTION NOISE LEVELS

For the purposes of this analysis the thresholds used were developed from the City of Chula Vista noise standards and policies.

6.1 Guidelines for the Determination of Significance

Construction activities are exempt from exterior noise standards in Section 19.68.060. However, the City of Chula Vista Municipal Code *Section 17.24.040 Item C8* limits the hours for construction activities as follows:

"The use of any tools, power machinery or equipment or the conduct of construction and building work in residential zones so as to cause noises disturbing to the comfort and repose of any person residing or working in the vicinity, between the hours of 10:00 P.M. and 7:00 A.M., Monday through Friday, and between the hours of 10:00 P.M. and 8:00 A.M., Saturday and Sunday, except when the same is necessary for emergency repairs required for the health and safety of any member of the community."

6.2 Construction Noise Levels

Construction noise represents a short-term impact on the ambient noise levels. Noise generated by construction equipment includes haul trucks, water trucks, graders, dozers, loaders and pile drivers can reach relatively high levels. Grading activities typically represent one of the highest potential sources for noise impacts. The most effective method of controlling construction noise is through local control of construction hours and by limiting the hours of construction to normal weekday working hours.

The U.S. Environmental Protection Agency (U.S. EPA) and the U.S. Department of Transportation (U.S. DOT) have compiled data regarding the noise generating characteristics of specific types of construction equipment. Noise levels generated by heavy construction equipment can range from 60 dBA to in excess of 100 dBA when measured at 50 feet. However, these noise levels diminish rapidly with distance from the construction site at a rate of approximately 6 dBA per doubling of distance. For example, a noise level of 75 dBA measured at 50 feet from the noise source to the receptor would be reduced to 69 dBA at 100 feet from the source to the receptor, and reduced to 63 dBA at 200 feet from the source. Typical noise levels associated with construction activities range from approximately 65 dBA to 95 dBA at 50 feet from the source (U.S. EPA, 1971).

Table 6-1 presents the typical range of hourly average noise levels generated by different pieces of construction measured at a distance of 50-feet for the anticipated construction phases. The anticipated amount of equipment needed during each phase is also provided in

Table 6-1. Some of the equipment (i.e., cranes, water trucks, etc.) will be utilized in several phases. Typical operating cycles for these types of construction equipment may involve several minutes of full power operation followed by several minutes at lower power settings.

Table 6-1: Reference Noise Levels for Construction

Construction Phase		Construction Equipment	Quantity	Source Level @ 50-Feet (dBA Leq)[1]
Demolition		Backhoe/loader	1	72
		Industrial Saw	1	82
		Haul Trucks	2	75
		Bulldozers	1	74
		Water Trucks	1	70
Building Construction Equipment	Structural Foundations	Line Drills	1	83
		Pile Drivers	1	94
		Pile Driver Compressor	1	76
	Final Grading and Foundations	Aerial Manlift	1	70
		Backhoe/loader	1	72
		Bulldozers	1	74
		Excavators	1	72
		Dump Trucks	1	75
		Concrete Trucks	1	75
		Cranes	1	78
		water truck	1	70
		Misc. Remaining Equipment	1	72
	Final Building Construction	Cranes	1	78
		Flatbed Delivery Trucks	1	70
		Forklifts	2	72
		Welder	2	71
		Misc. Remaining Equipment	1	72
Roadway and Parking Lot Equipment		Misc. Remaining Equipment	1	72
		Mortar Mixer	4	70
		Paver	1	74
		Asphalt paving equipment	2	72
		Roller	1	70
		Backhoe/loader	1	72

[1] Source: U.S. EPA 1971, U.S. DOT, 1995 and Empirical Data

6.3 Conclusions

Typical noise levels associated with construction activities range from approximately 65 dBA to 95 dBA at 50 feet from the source (U.S. EPA, 1971). Construction noise would be audible to surrounding uses and visitors in the vicinity of the project site, including students. However, this noise increase is temporary and limited only to typical work hours between 7:00 a.m. and 10:00 p.m. Monday through Friday and between 8:00 a.m. and 10:00 p.m. on Saturday and Sunday, in accordance with the City noise ordinance. No impacts to residential receptors would occur from construction noise.

7.0 TRANSPORTATION NOISE LEVELS

For the purposes of this analysis the thresholds used were developed from the City of Chula Vista noise standards and policies.

7.1 Onsite Transportation Related Noise Levels

The primary source of noise impacts to the project site will be from the combination of vehicular noise from adjacent Otay Lakes Road and East H Street. The projected roadway noise levels from vehicular traffic were calculated using the methods in the Highway Noise Model published by the Federal Highway Administration (FHWA Highway Traffic Noise Prediction Model, FHWA-RD-77-108, December, 1978). The FHWA Model uses the traffic volume, vehicle mix, speed, and roadway geometry to compute the equivalent noise level. A spreadsheet calculation was used which computes equivalent noise levels for each of the time periods used in the calculation of CNEL. Weighting these equivalent noise levels and summing them gives the CNEL for the traffic projections.

Mobile noise levels radiant in an almost oblique fashion from the source and drop off at a rate of 3 dBA for each doubling of distance under hard site conditions and at a rate of 4.5 dBA for soft site conditions. Hard site conditions consist of concrete, asphalt and hard pack dirt while soft site conditions exist in areas having slight grade changes, landscaped areas and vegetation. Hard site conditions were used to develop and analyze the worst-case noise levels along the roadway segments. The future traffic noise model utilizes a typical vehicle mix for of 96% Autos, 2% Medium Trucks and 2% Heavy Trucks for both roadways. The vehicle mix provides the hourly distribution percentages of automobile, medium trucks and heavy trucks for input into the FHWA Model.

For the purposes of this analysis and to account for the worst-case traffic noise condition, traffic was modeled at level of service (LOS) C conditions with an Average Daily Traffic (ADT) volume of 33,077 at 40 miles per hour for Otay Lakes Road and along East H Street 48,785 ADT was utilized at a speed of 45 MPH as shown in Table 6. The Buildout scenario includes the future year 2030 traffic volume forecasts provided by Southwestern Community College Traffic Impact Analysis conducted by KOA Corporation, 2015. To assess the peak hour traffic noise conditions, 10% of the ADT was utilized.

Table 6: Future Traffic Parameters

Roadway	Year	Average Daily Traffic (ADT)	Peak Hour Volume[1]	Modeled Speeds (MPH)	Vehicle Mix %		
					Auto	Medium Trucks	Heavy Trucks
Otay Lakes Road	2030	33,077	3,308	40	96	2	2
East H Street	2030	48,785	4,879	45	96	2	2

[1] 10% of the ADT utilized for peak hour.

Based on the exterior noise model for each roadway the worst-case unshielded exterior noise levels at the building façade of the Wellness Center and at the outdoor pool area are 67.3 dBA CNEL from Otay Lakes Road at a distance of 200 feet and 70.1 dBA CNEL at the building facade from East H Street at a distance of 200 feet. The model does not take into account any noise reductions for existing or proposed structures, barriers or topographic features.

Sound levels are logarithmic and cannot be manipulated without being converted back to a linear scale. You must first antilog each number, add or subtract and then log them again in the following way.

$$L = 10 * Log\,[\sum_{i}^{n} 10\text{^}(\frac{Li}{10})]\ or\ L = 10 * Log\,[10^{\frac{70.1}{10}} + 10^{\frac{67.3}{10}}] = 71.9$$

Adding the two noise sources yields a worst-case, unshielded, future noise level of approximately 72 dBA CNEL at the building facade. This worst-case noise level is compatible with the City's General Plan for commercial developments and athletic uses and no impacts are anticipated and no mitigation is required. The combined roadway noise level calculation spreadsheet is provided as ***Attachment A*** to this letter.

7.2 Offsite Project Related Transportation Noise Levels

To determine off-site noise level increases associated with the development of the proposed project would create noise impacts. The traffic volumes for the existing conditions were compared with the traffic volume increase from the proposed project. Based on the Southwestern Community College Traffic Impact Analysis conducted by KOA Corporation, the project is estimated to only generate 535 daily trips. The existing average daily traffic (ADT) volumes on the area roadways are over 29,000 ADT according. Typically it requires a project to double (or add 100%) the traffic volumes to have a direct impact of 3 dBA CNEL or be a major contributor to the cumulative traffic volumes. The project will add less than a 2% increase to the exiting roadway volumes and no impacts are anticipated.

8.0 CERTIFICATIONS

The contents of this report represent an accurate depiction of the noise environment and impacts within and surrounding the proposed Southwestern Community College modernization development. This report was prepared utilizing the latest emission rates and reduction methodologies.

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760-473-1253
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Date October 7, 2015

ATTACHMENT A

FUTURE ROADWAY NOISE MODEL
RESULTS

Attachment: Combined Roadway Noise Levels

Project Name:	SWC	Date:	2-Oct-15
Project Number:	14-85	Location:	Chula Vista

Traffic Volumes, Mix and Speeds

	Autos	Med. Trucks	Heavy Trucks
Mix Ratio by Percent	96.0	2.0	2.0

Propagation Rule Hard

Roadway	ADT	Speed MPH	CNEL @ 50 Feet	60 CNEL (Feet)
Otay Lakes Road	33,077	40	73.3	1,070
East H Street	48,785	45	76.1	2,046

Noise Reduction due to Distance

	Distance	Reduction	Resultant Level
Otay Lakes Road	200	-6.02	67.3
East H Street	200	-6.02	70.1

Cumulative Noise Level **71.9** **dBA CNEL**

Southwestern College Whole Site Modernization Project
Draft Mitigated Negative Declaration

Appendix G

Traffic Impact Study

Prepared by KOA Corporation

April 29, 2015

SOUTHWESTERN COMMUNITY COLLEGE WELLNESS CENTER
TRAFFIC IMPACT STUDY

April 29, 2015

KOA CORPORATION
PLANNING & ENGINEERING
www.koacorporation.com

SOUTHWESTERN COMMUNITY COLLEGE WELLNESS CENTER
TRAFFIC IMPACT STUDY

April 29, 2015

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GLOSSARY OF TERMS AND ACRONYMS

Acronyms	Definitions
AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ADT	Average Daily Traffic
APE	Area of Potential Effect
AWSC	All-way Stop-Controlled
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
CMP	Congestion Management Program
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EPA	U.S. Environmental Protection Agency
FEIR	Final Environmental Impact Report
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
GIS	Geographic Information Systems
HCM	2000 Highway Capacity Manual
HUD	U.S. Department of Housing and Urban Development
ILV	Intersecting Lane Volume
ITS	Intelligent Transportation Systems
LOS	Level of Service
MHPA	Multi-Habitat Planning Area
MOA	Memorandum of Agreement
MOE	Measure of Effectiveness
MOU	Memorandum of Understanding
mph	miles per hour
MTDB	Metropolitan Transit Development Board
NOC	Notice of Completion
NOP	Notice of Preparation
PCE	Passenger Car Equivalent
pcphgpl	passenger cars per hour of green per lane
PeMS	Performance Measurement Systems
RTP	Regional Transportation Plan
SANDAG	San Diego Association of Governments
SANTEC	San Diego Traffic Engineers' Council
sf	Square feet
SR	State Route
TIF	Transportation Impact Fee
TIS	Traffic Impact Study
TWSC	Two-way Stop Controlled
V/C	Volume-to-Capacity ratio

EXECUTIVE SUMMARY

This traffic impact analysis has been prepared for the proposed Wellness Center project, which would consist of 17,834 square feet of space usable for public membership purposes. The balance of the space is school-related and would not induce new travel. The proposed development is located in of Otay Mesa on the south west corner of Otay Lakes Road and H Street.

Traffic counts for the project were taken in December of 2014. The project is anticipated to generate an overall 587 daily trips with 21 AM peak hour trips and 48 PM peak hour trips. The trip generation rates used in this analysis are determined based on rates contained in the *(SANDAG) (Not So) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region* (2002). This manual provides standards and recommendations for the probable traffic generation of various land uses based upon local, regional and nationwide studies of existing developments in comparable settings.

Trip distribution and assignment is the process of identifying the probable destinations, directions and traffic routes that project related traffic will likely affect. The trip distribution and assignment for this project is based on SANDAG's computerized travel forecast model (Series 12 Select Zone analysis).

The project was evaluated for potential direct, cumulative, and long term impacts. With the development of the Wellness Center, there are no impacts that are associated with the project. All of the roadway segments and intersections would operate at acceptable level of service.

CHAPTER 1
THE PROJECT

This traffic impact analysis has been prepared for the proposed Southwestern Community College Wellness center project. The proposed development is located in the Otay Mesa community of San Diego.. The project site is located south west of the intersection of Otay Lakes Road and H Street. Interstate 805 provides regional access to the project site at H Street. Figure 1-1 shows the project vicinity and study area.

1.1 PROJECT LOCATION AND DESCRIPTION

Project Location

The project is located in the community of Otay Mesa in East San Diego County, south of H Street, and west of Otay Lakes Road (Figures 1-1). The project site is included as (Figure 1-2).

Project Description

The proposed Wellness Center includes a Gymnasium and Pool Complex that would replace the current Gymnasium and support structures. The current building is aging and no longer meets the instructional and intercollegiate athletic needs for facilities. The building will house a competitive gymnasium, fitness labs, cardio-workout rooms, training and testing rooms, offices, locker rooms and classrooms.

The structure will provide both convenient student and community access. Of the 75,250 assignable square feet, 17,834 sf would be open for public membership purposes. The balance of the space is school-related and does not induce new travel.

Parking

The project would require 105 parking spaces. A parking lot occupancy study was recently conducted in which the results show that some lots approach maximum occupancy during the day but less so during evening classes. Lots D, I, M and N all exceed 90% occupancy in the afternoon during the class week. The average occupancy of all lots taken together in the AM is 60%, in the afternoon it is 57%, and in the evening it is 23%. Our conclusion is that sufficient parking exists for the expected spaces needed for Wellness Center users on the campus, but we recognize that the spaces may not always be available proximate to the Wellness Center, and that might benefit from some management techniques.

1.2 PROJECT ACCESS

The project would take access for the already existing four access points; one at the full signalized entrance at H Street located on the west side of the project, and three others located along Otay Lakes Road; a right-in (only) approximately 800 feet south of the intersection of H Street and Otay Lakes Road, a full signalized entrance off of Gotham Street, and a second non-signalized entry (right in – right out only) 500 feet south of Gotham Street.

1.3 STUDY AREA

The study area includes locations that are expected to be affected by the proposed project. The scope of the study area is based on the City of Chula Vista guidelines which specify that an intersection or

roadway segment should be analyzed if it will carry 25 project peak hour directional trips. The study area is shown in Figure 1-1. The specific study area includes sixteen (16) roadway segments, fifteen (15) intersections and two freeway mainline links.

1.3.1 Roadway Segments

- H Street
  - West of Paseo Ranchero
  - Buena Vista Way to Otay Lakes Road
  - Otay Lakes Road to Auburn Avenue
- Otay Lakes Road
  - Canyon Drive to H Street
  - H Street to Elmhurst Street
  - Elmhurst Street to Gotham Street
  - Gotham Street to Apache Drive
  - Apache Drive to Telegraph Canyon Road
  - South of Telegraph Canyon Road
- Telegraph Canyon Road
  - West of Otay Lakes Road
  - East of Otay Lakes Road

1.3.2 Intersections

- H St / Paseo Ranchero
- H. St / Buena Vista Way
- H. St / SWCC North Entrance
- Otay Lakes Rd / East H St
- H St & BHS Entrance
- H St & Auburn Ave
- Otay Lakes Rd / Ridgeback Rd - Canyon Dr
- Otay Lakes Rd / High School Dwy
- Otay Lakes Rd / Elmhurst St - College Dwy
- Otay Lakes Rd / Gotham St - College Dwy
- Otay Lakes Rd / Apache Dr
- Otay Lakes Rd / Telegraph Canyon Rd

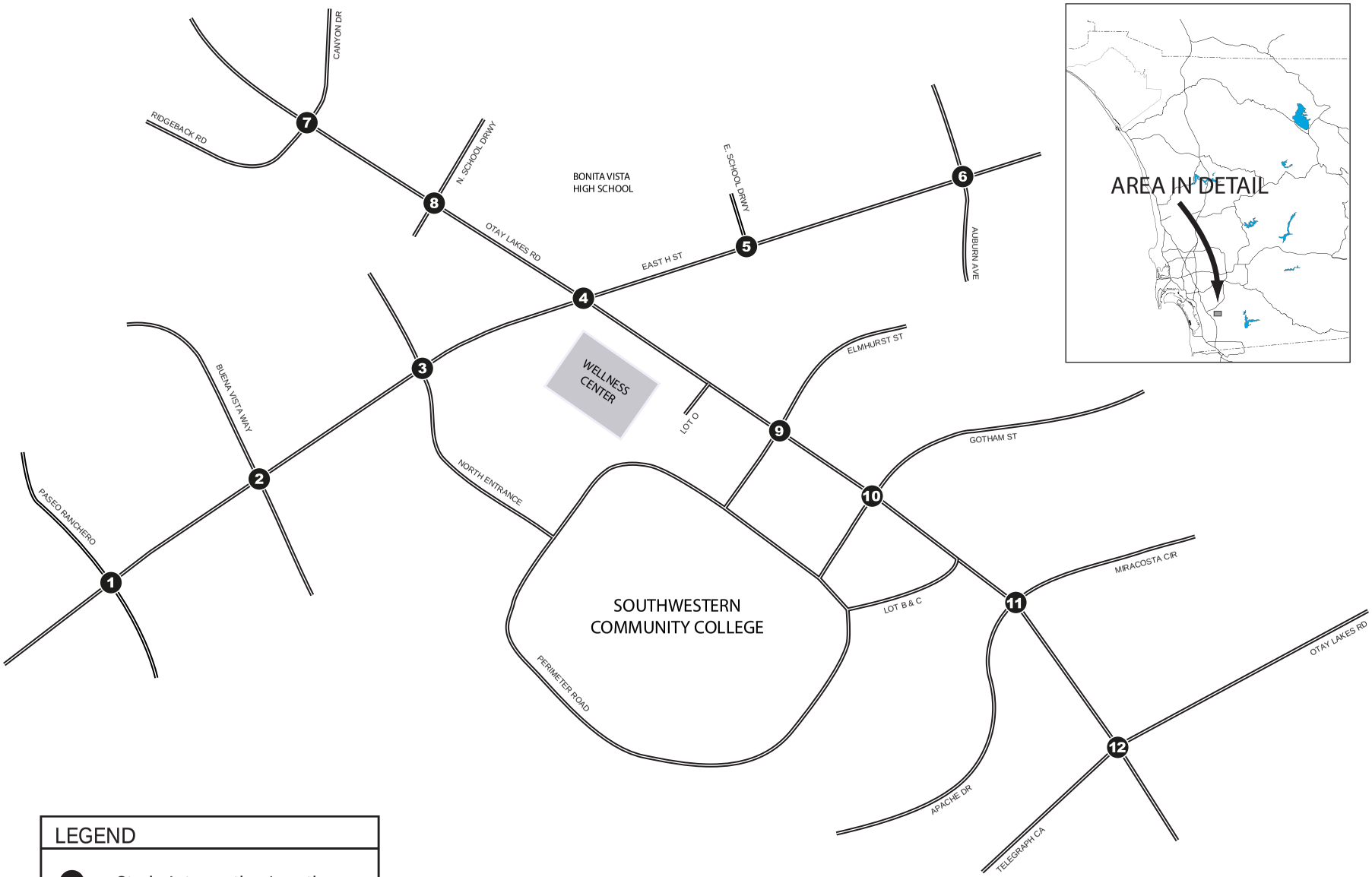

Figure 1-1
Project Study Area

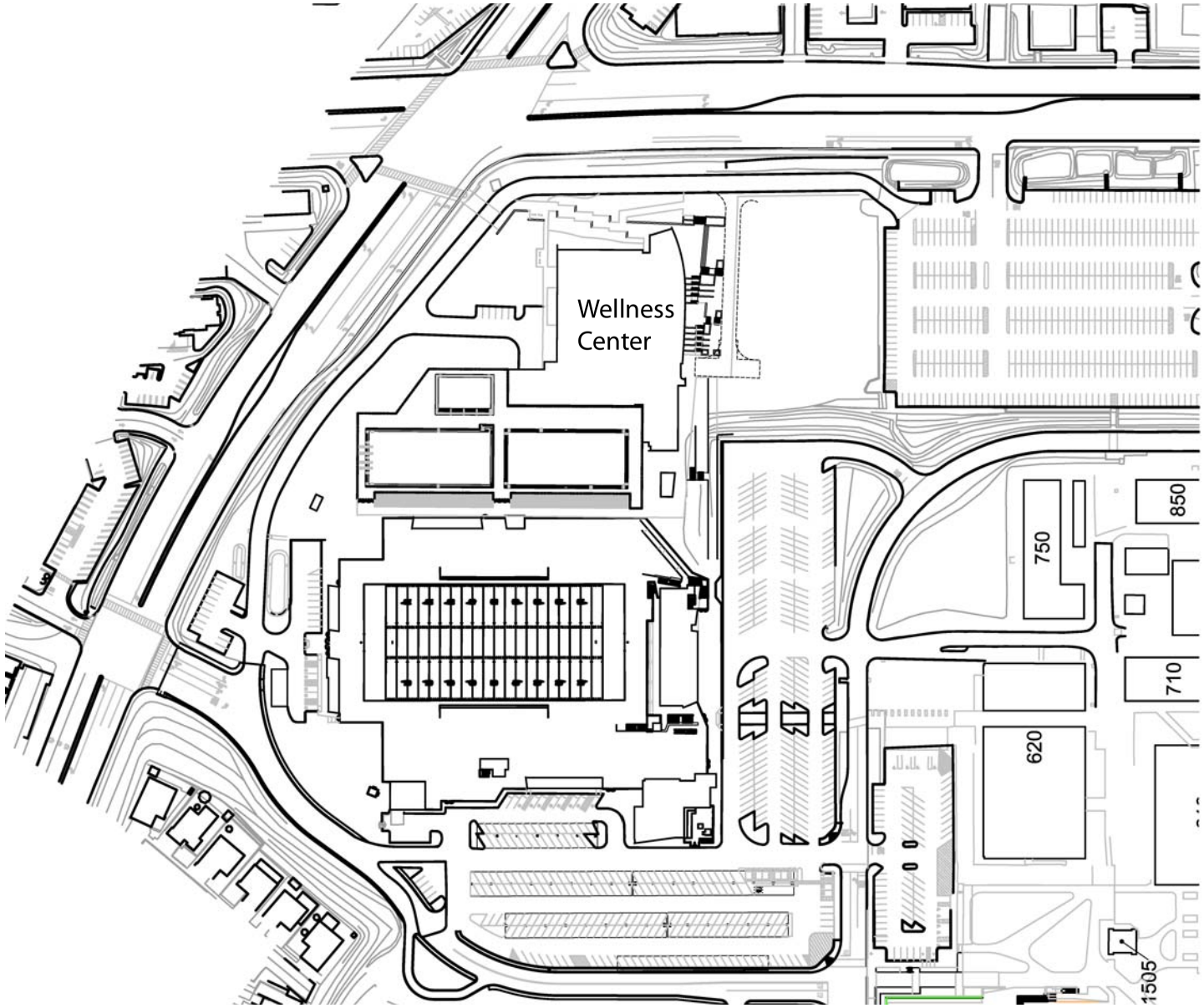

Figure 1-2
Project Site Plan

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Not To Scale

1.4 PROJECT TRIP GENERATION

Trip generation is a measure or forecast of the number of trips that begin or end at the project site. The traffic generated is a function of the extent and type of development proposed for the site. These trips will result in some traffic increases on the streets where they occur. Vehicular traffic generation characteristics for projects are estimated based on established rates. These rates identify the probable traffic generation of various land uses based studies of developments in comparable settings. The rates used in this analysis are determined based on rates contained in the *(SANDAG) (Not So) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region (2002.)* This manual provides standards and recommendations for the probable traffic generation of various land uses based upon local, regional and nationwide studies of existing developments in comparable settings. Appendix B contains excerpts from this manual.

As shown in Table 1-1, the project is anticipated to generate an overall 535 daily trips with 21 AM peak hour trips and 48 PM peak hour trips.

Table 1-1
Project Trip Generation

Land Use	Weekday Rate		Project Sq. ft.	Total Daily Trips	AM Peak Hour			PM Peak Hour		
					Total	In	Out	Total	In	Out
Health Club / Racquetball	Rate	30	17,834	**535**	4%	60%	40%	9%	60%	40%
	Sq. ft.	1,000			**21**	13	9	**48**	29	19

Source: SANDAG (Not So) Brief Guide of Vehicular Traffic Generation Rates
Note: Numbers may not total due to rounding

1.5 TRIP DISTRIBUTION AND ASSIGNMENT

Trip distribution and assignment is the process of identifying the probable destinations, directions and traffic routes that project related traffic will likely affect. Trip distribution and assignment information can be estimated from observed traffic patterns, experience or through use of a computerized travel forecast model. Once the proposed developments trips have been estimated, they are assigned to the study area network. The trip distribution and assignment for this project is based on SANDAG's computerized travel forecast model (Series 12 Select Zone analysis). Appendix B contains the select zone model plots.

The trip distribution and assignment for the project-related trips is shown in Figure 1-3. Figure 1-4 shows the project-only daily trips while Figures 1-5 and 1-6 show project-only AM and PM peak hour trips, respectively.

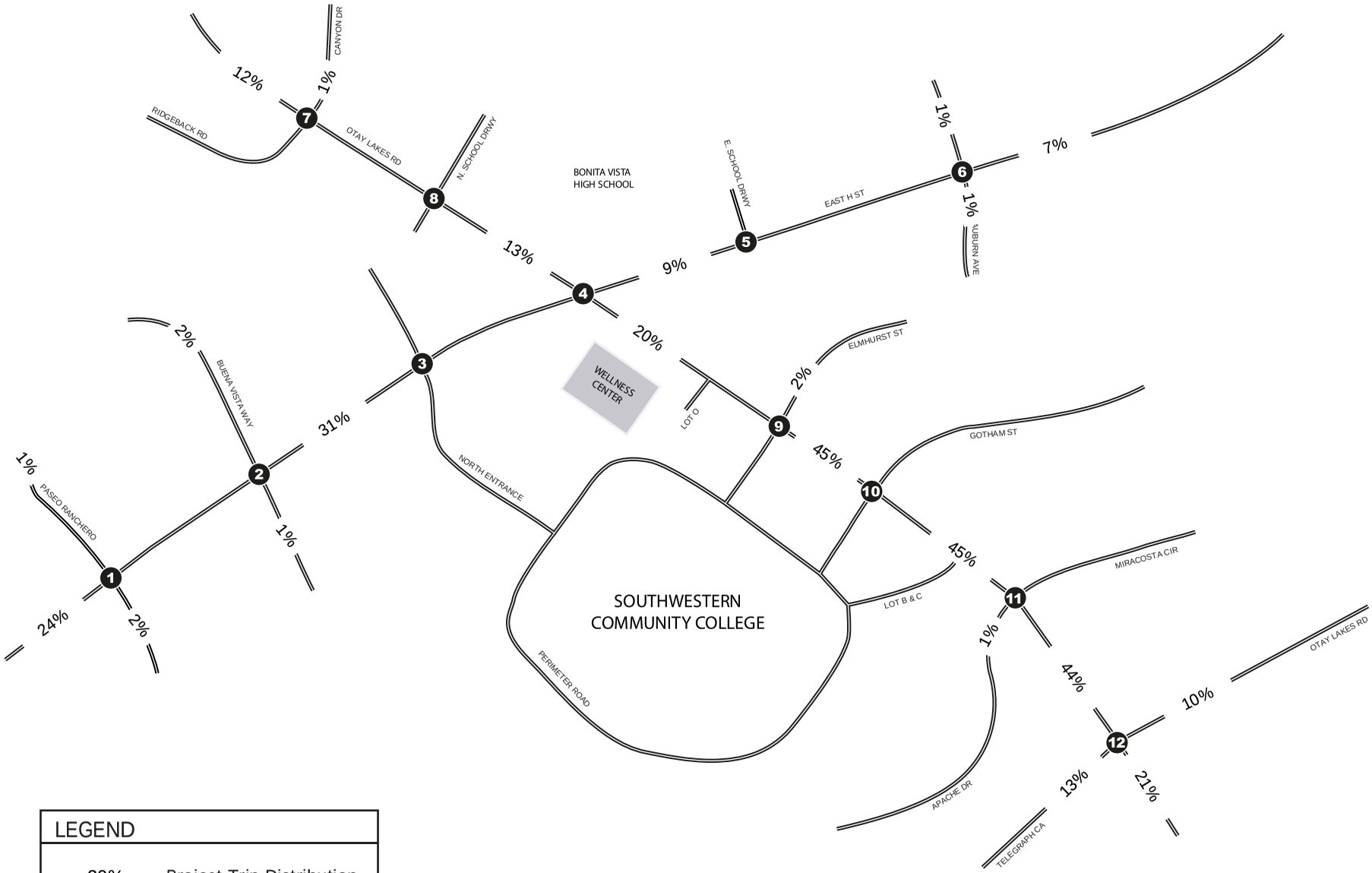

Figure 1-3
Project Trip Distribution

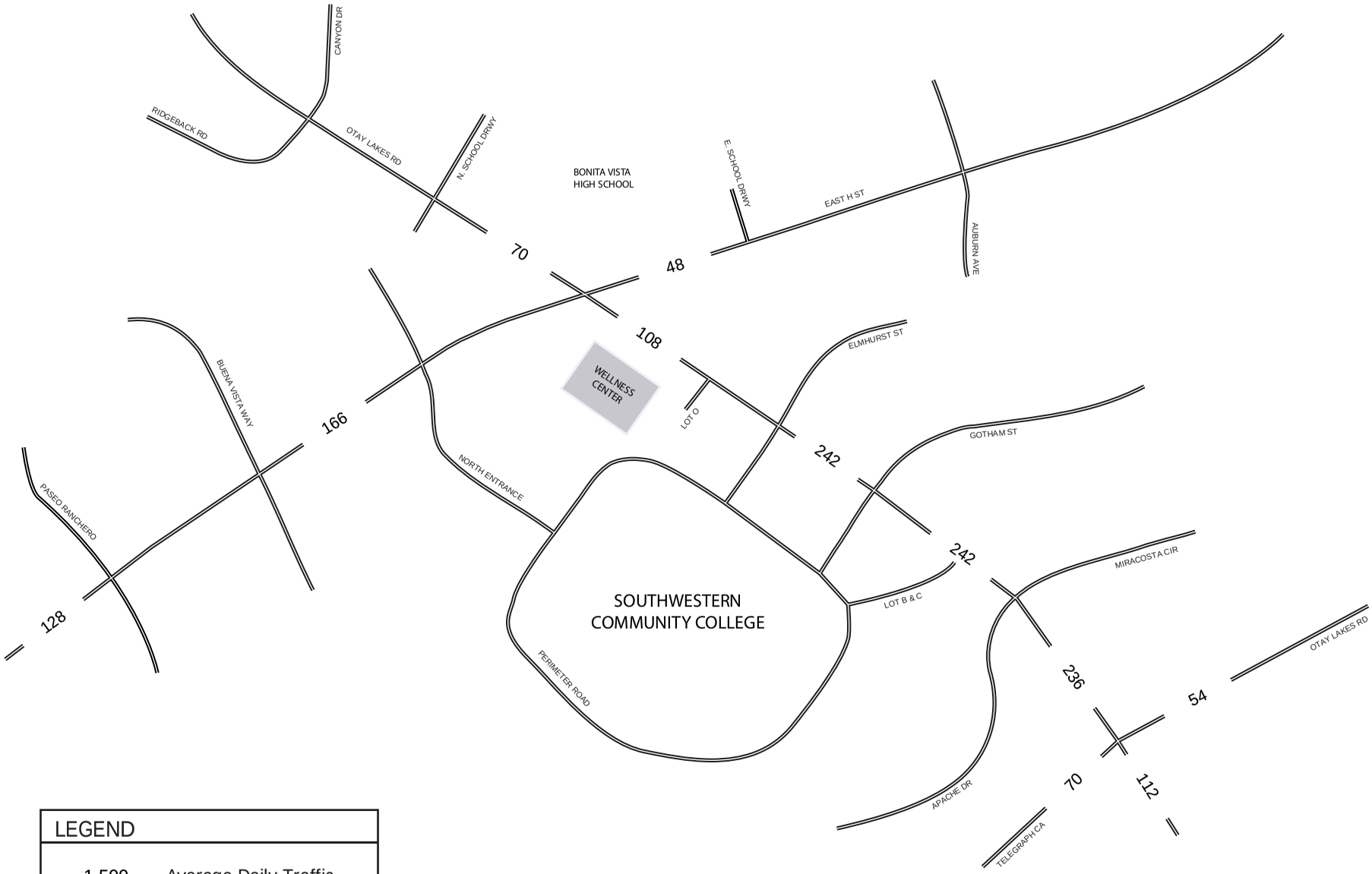

Figure 1-4
Project Daily Roadway Segment Volumes

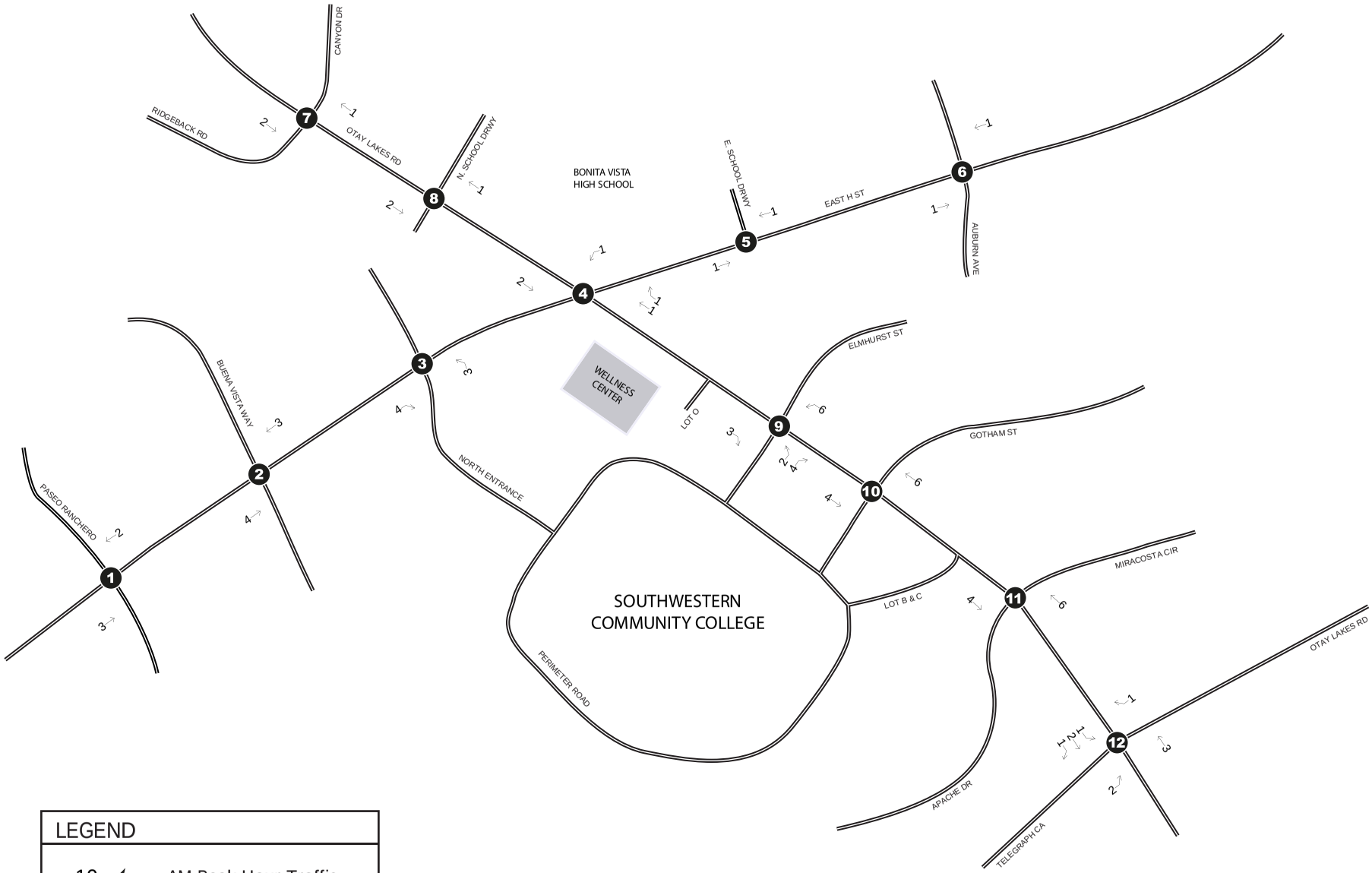

Figure 1-5
Project AM Peak Hour Intersection Volumes

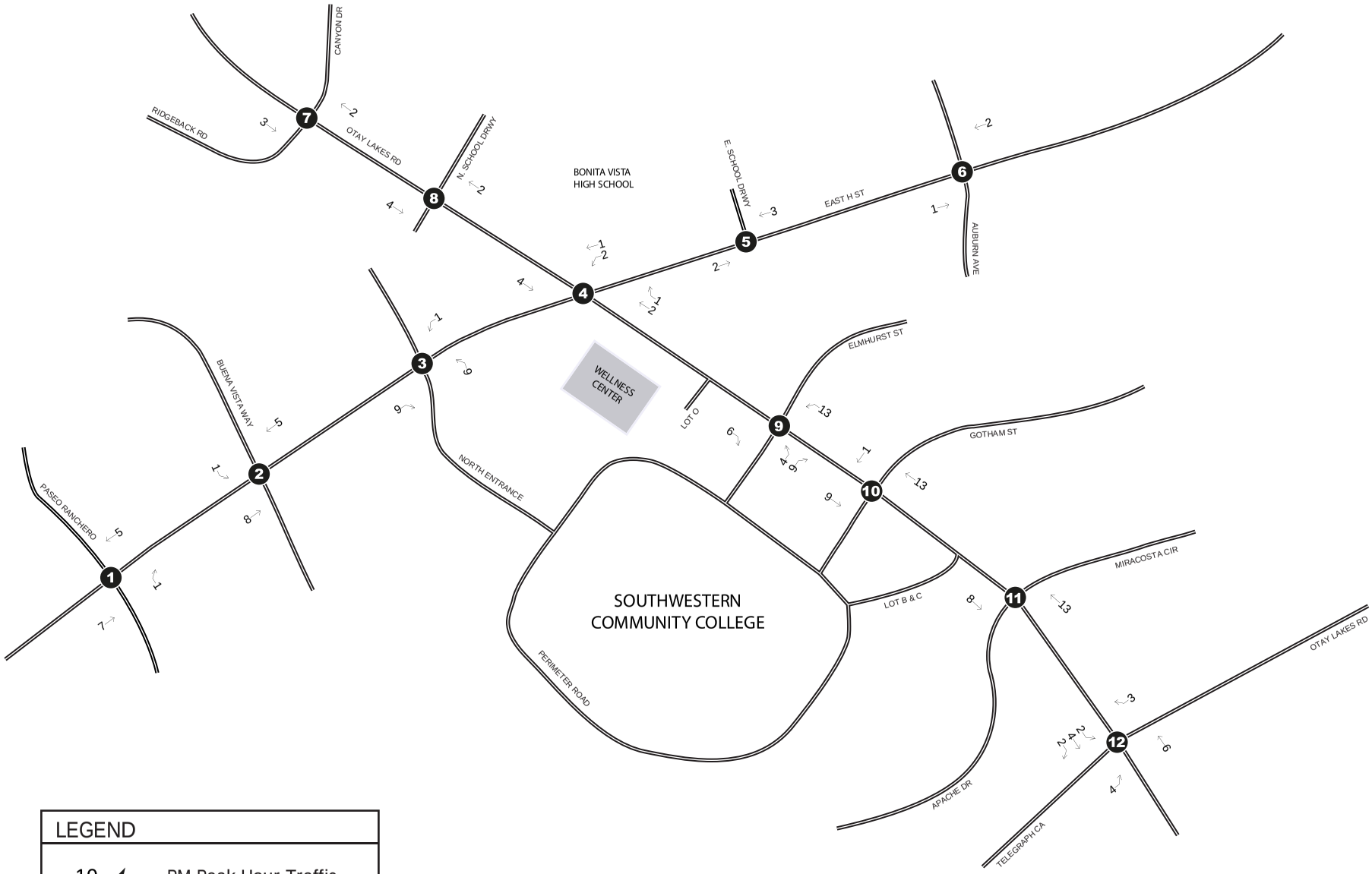

Figure 1-6
Project PM Peak Hour Intersection Volumes

1.6 PARKING

The City of Chula Vista requirements for parking are being met by the project, and there are 105 spaces being provided within the project. A parking occupancy study was recently where the results show that some lots approach maximum occupancy during the day but less so during evening classes. Lots D, I, M and N all exceed 90% occupancy in the afternoon during the class week. The average occupancy of all lots taken together in the AM is 60%, in the afternoon it is 57%, and in the evening it is 23%. This demonstrated that sufficient parking would exists for the expected 105 spaces needed for Wellness Center users on the campus, however we do recognize that the spaces may not always be available in closer proximity to the Wellness Center, and that might benefit from some management techniques.

CHAPTER 2
METHODOLOGIES

This chapter documents the methodologies and assumptions used to conduct the traffic impact analysis for the project. The City of Chula Vista utilizes the SANTEC/ITE guidelines. The guidelines are used to determine the project's conformance and evaluate whether a project's impacts are perceptible to the average driver. This section contains the following background information:

- Study scenarios
- Study time periods
- Capacity analysis methodologies

2.1 STUDY SCENARIOS

This report presents an analysis of the following scenarios:

- Existing Conditions
- Existing Conditions With Project
- Cumulative Conditions Without Project
- Cumulative Conditions With Project
- Long Term Conditions Without Project
- Long Term Conditions With Project

2.2 ANALYSIS METHODOLOGIES

Street system operating conditions are typically described in terms of "level of service." Level of service is a report-card scale used to indicate the quality of traffic flow on roadway segments and at intersections. Level of service (LOS) ranges from LOS A (free flow, little congestion) to LOS F (forced flow, extreme congestion). A more detailed description of the concepts described in this section is provided in Appendix A of this document. The following methods are outlined in this publication and used in this study.

2.2.1 Roadway Segment Capacity Analysis

The City of Chula Vista has published daily traffic volume standards for roadways within its jurisdiction. To determine service levels on study area roadway segments, a comparison is made between the appropriate average daily traffic thresholds for level of service to the daily capacity of the study area roadway segments, and the existing and future volumes in the study area. The thresholds for determining level of service used in this analysis are summarized in Appendix A. The acceptable LOS is C for all street classifications, except for streets in the Urban Core Subarea, which have an acceptable LOS of D.

2.2.3 Intersection Capacity Analysis

The analysis of peak hour intersection performance was conducted using the Synchro analysis software programs, which uses methodologies defined in the 2010 Highway Capacity Manual (HCM) to calculate results. Level of service (LOS) for intersections is determined by control delay. Control delay is defined as the total elapsed time from when a vehicle stops at the end of a queue to the time the vehicle departs from the stop line. The total elapsed time includes the time required for the vehicle to travel from the last-in-queue position to the first-in-queue position, including deceleration of

vehicles from free-flow speed to the speed of vehicles in the queue. Appendix A lists the HCM delay/LOS criteria for both signalized and unsignalized intersections.

2.2.3.1 Signalized Intersections

The HCM analysis methodology for evaluating signalized intersections is based on the "operational analysis" procedure. This technique uses 1,900 passenger cars per hour of green per lane (pcphgpl) as the maximum saturation flow of a single lane at an intersection. This saturation flow rate is adjusted to account for lane width, on-street parking, conflicting pedestrian flow, traffic composition, (e.g., the percentage of vehicles that are trucks) and shared lane movements (e.g., through and right-turn movements from the same lane). Average control delay is calculated by taking a volume-weighted average of all the delays for all vehicles entering the intersection.

2.2.3.2 All-way Stop-controlled (AWSC) Intersections

The HCM analysis methodology for evaluating all-way Stop-controlled intersections is based on the degree of conflict for each independent approach created by the opposing approach and each conflicting approach. Level of Service for AWSC intersections is also based on the average control delay. However, AWSC intersections have different threshold values than those applied to signalized intersections. This is based on the rationale that drivers expect AWSC intersections to carry lower traffic volumes than at signalized intersections. Therefore, a higher level of delay is acceptable at a signalized intersection for the same LOS.

2.2.3.3 Two-way Stop-controlled (TWSC) Intersections

The HCM analysis methodology for evaluating two-way Stop-controlled (TWSC) intersections is based on gap acceptance and conflicting traffic for vehicles stopped on the minor-street approaches. The critical gap (or minimum gap that would be acceptable) is defined as the minimum time interval in the major-street traffic stream that allows intersection entry for one minor-street vehicle. Average control delay and LOS for the "worst approach" are reported. Level of service is not defined for the intersection as a whole.

2.2.6 Analysis of Significance

To determine direct project impacts, the City of Chula Vista has developed a series of thresholds based on allowable increases in volume-to-capacity ratios that become more stringent as level of service worsens. The acceptable LOS is C for all street classifications, except for streets in the Urban Core Subarea, which have an acceptable LOS of D.

In general, a significant impact would be identified when the addition of project traffic results in a level of service dropping from LOS C or better to substandard LOS D,E or F. Table 2-1 summarizes the impact significance thresholds for facilities operating at substandard level of service with and without the project. These thresholds as applied to roadway segments are based upon an acceptable increase in the Volume / Capacity (V/C) ratio.

Table 2-1 SANTEC Measures of Significant Project Traffic Impacts

LOS With Project	Allowable Change Due to Impact					
	Freeways		Roadway Segment		Intersections	Ramp Metering
	V/C	Speed (mph)	V/C	Speed (mph)	Delay(sec)	Delay(sec)
D,E, and F	0.0	1.0	0.0	1.0	2.0	2.0

CHAPTER 3
EXISTING CONDITIONS

3.1 EXISTING TRAFFIC VOLUMES

The intersection turning movement counts were conducted during the weekday morning peak period from 7:00 AM to 9:00 AM, and during the weekday evening peak period from 4:00 PM to 6:00 PM in December of 2014. Average daily traffic volumes were obtained through machine data collection in December of 2014. Traffic count data is included in Appendix C. The existing daily traffic volumes are shown in Figure 3-3. The existing weekday morning (AM) and evening (PM) peak hour intersection volumes are shown in Figures 3-4 and 3-5, respectively.

3.2 EXISTING WITH PROJECT TRAFFIC VOLUMES

The Existing With Project daily traffic volumes are shown in Figure 3-6. The Existing With Project AM and PM peak hour intersection volumes are shown in Figures 3-7 and 3-8, respectively.

3.3 ROADWAY NETWORK

The principal roadways in the project study area are described briefly below. The description includes the physical characteristics, adjacent land uses, and traffic control devices along these roadways. The existing roadway geometry and control conditions are shown in Figure 3-1 and 3-2.

East H Street runs east/west in the study area. It has a functional classification of a 6 lane prime and transitions to a 4 lane major after Otay Lake Road. The adjacent land uses are mostly residential with some institutional uses near Otay Lakes Road. It has a striped two-way left lane in the study area. The posted speed limit is 45 miles per hour (MPH).

Otay Lakes Road runs north/south in the study area. It has a functional classification of a 6 lane prime south of E. H Street and transitions to a 4 lane major north of. The adjacent land uses are mostly residential with some institutional and commercial in the project vicinity. The posted speed limit is 40 MPH.

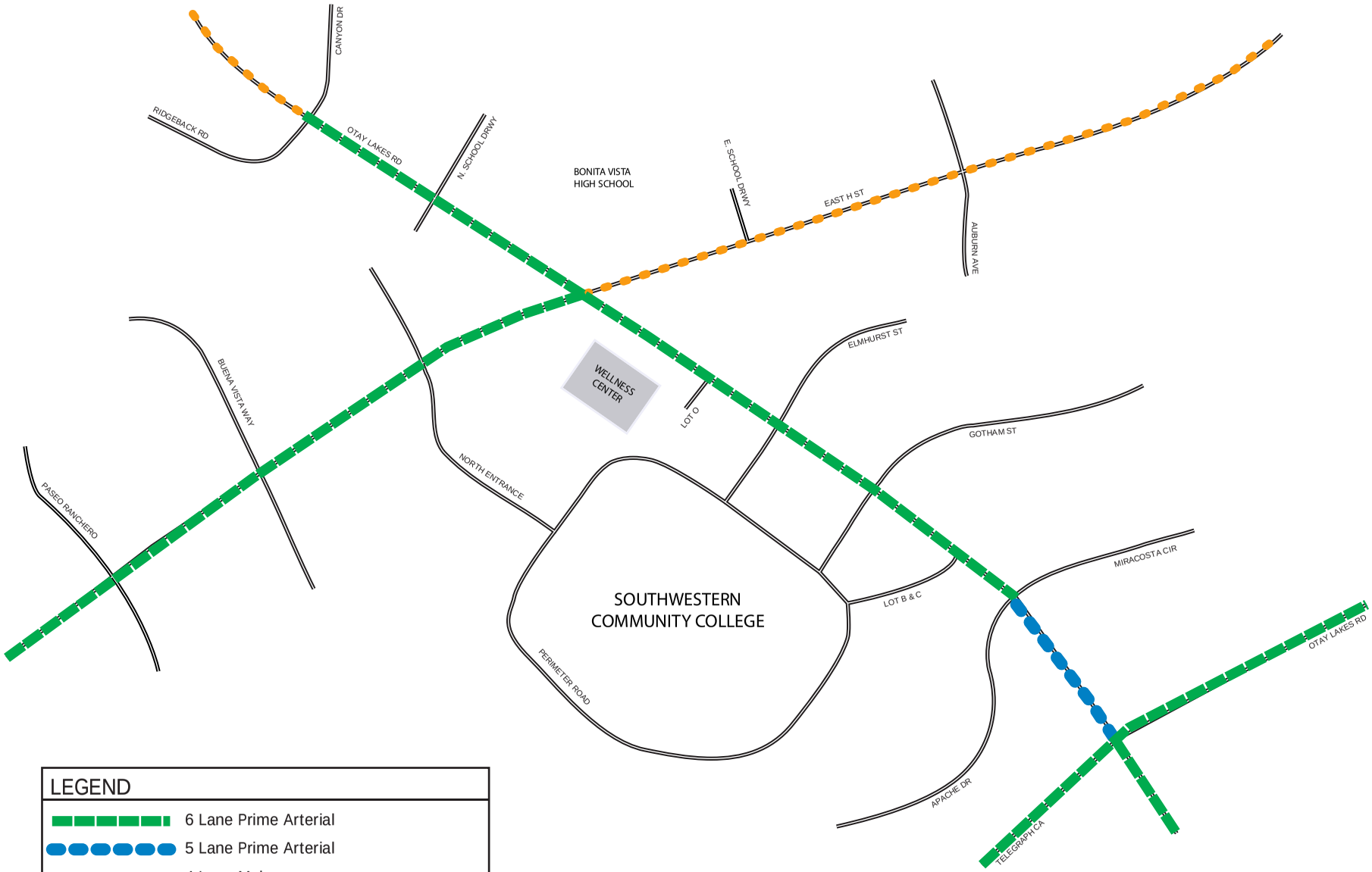

Figure 3-1
Existing Circulation Network

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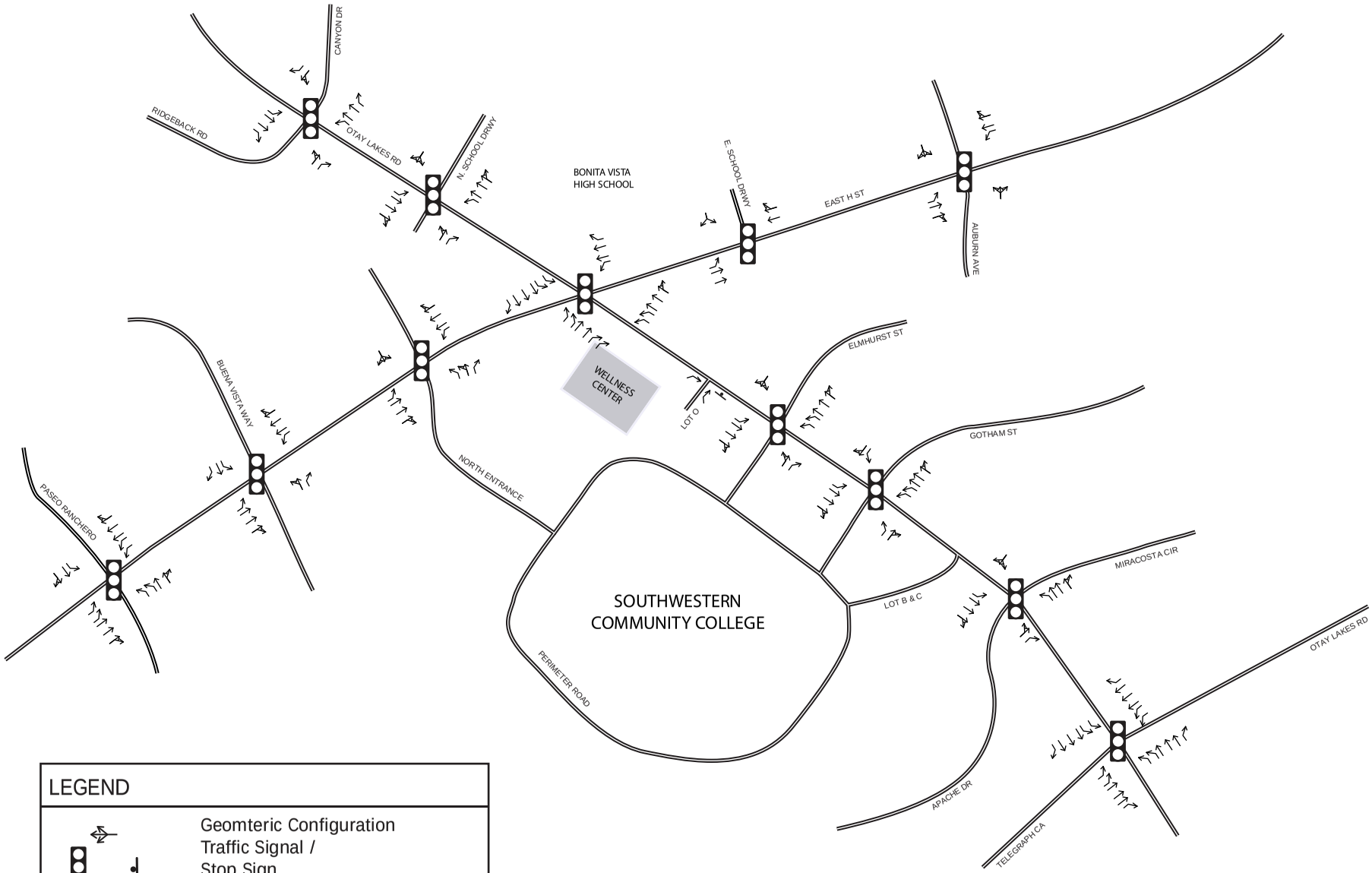

Figure 3-2
Existing Geometric Configuration

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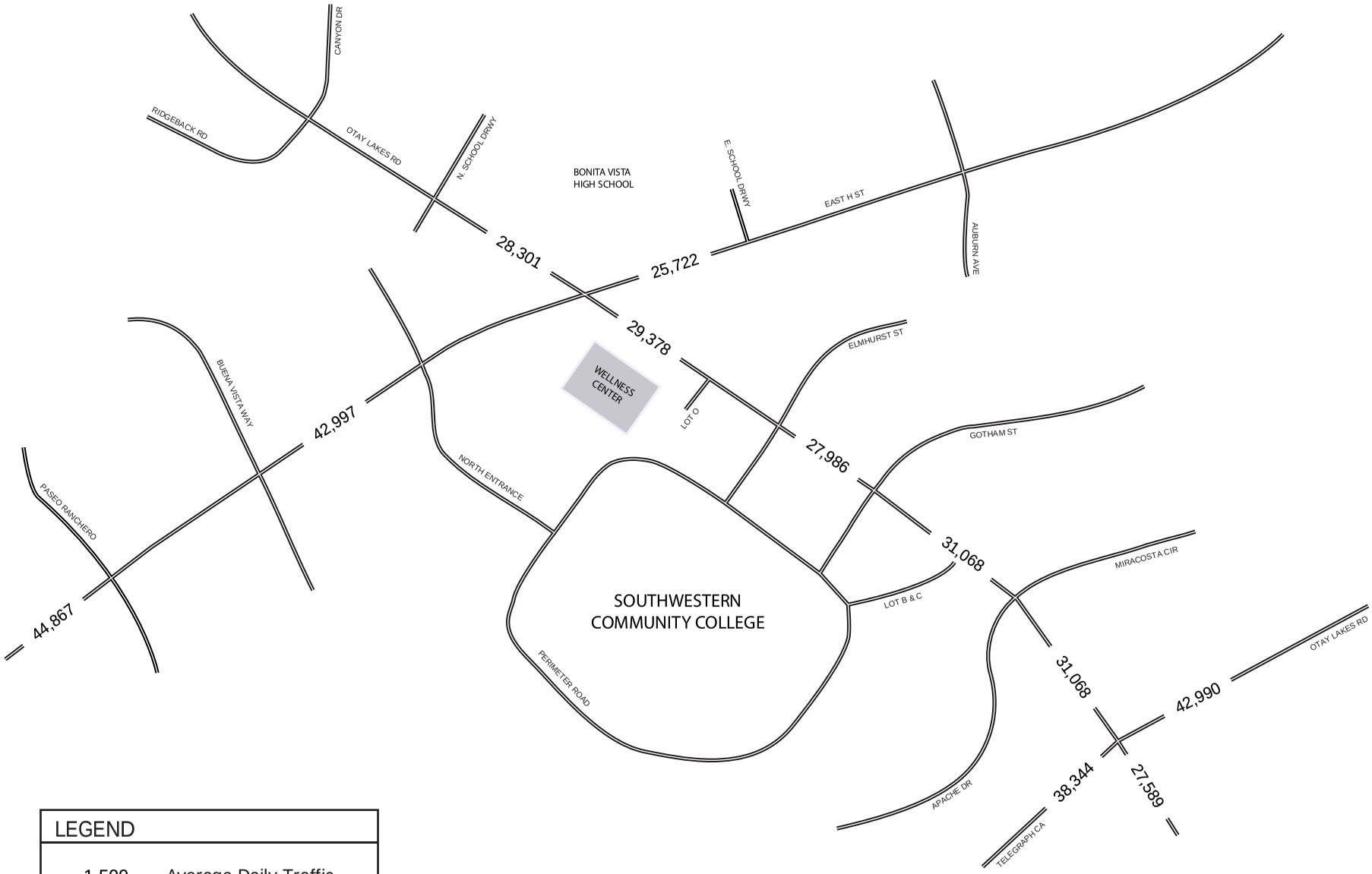

Figure 3-3
Existing Daily Roadway Segment Volumes

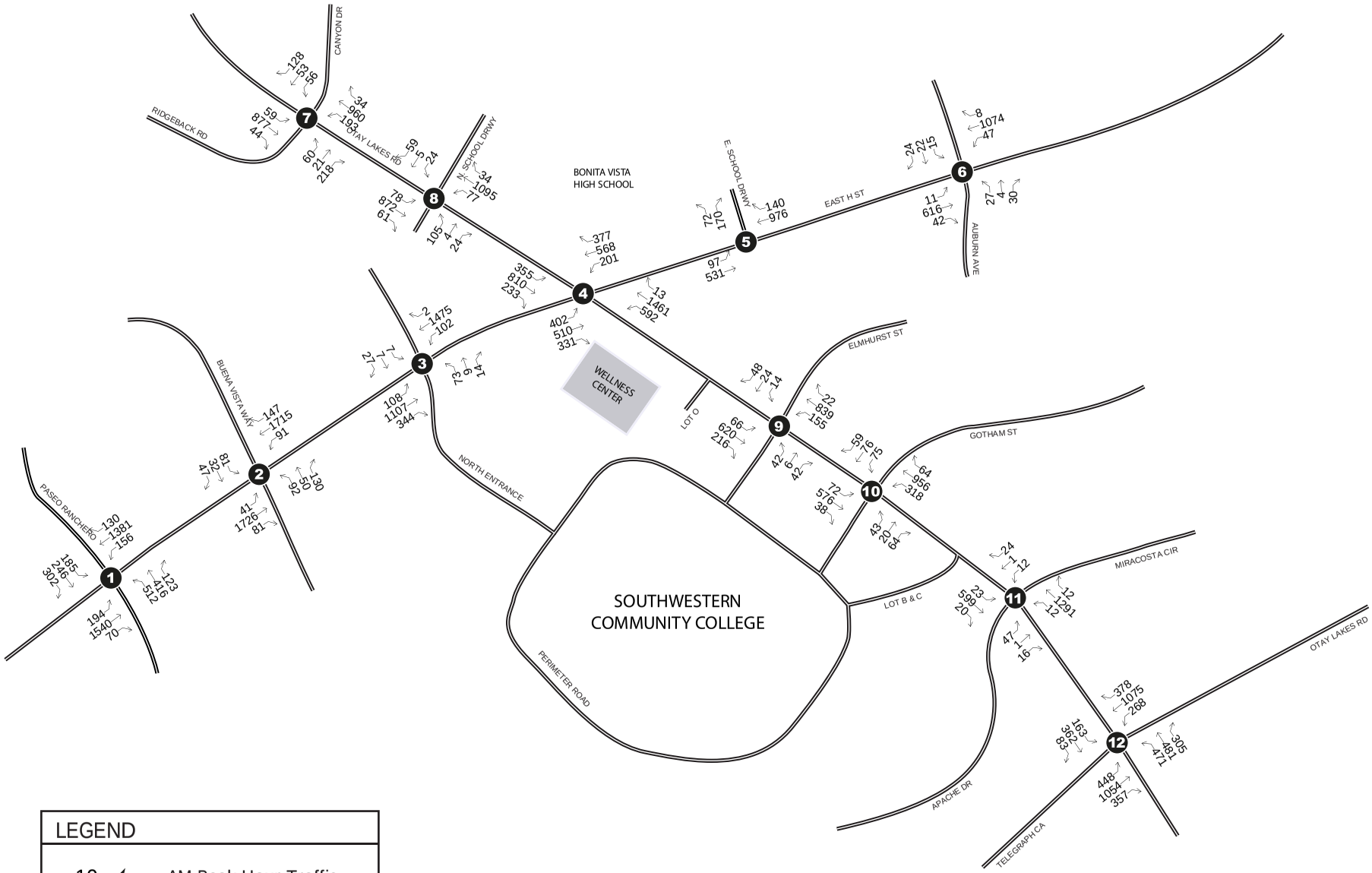

Figure 3-4
Existing AM Peak Hour Intersection Volumes

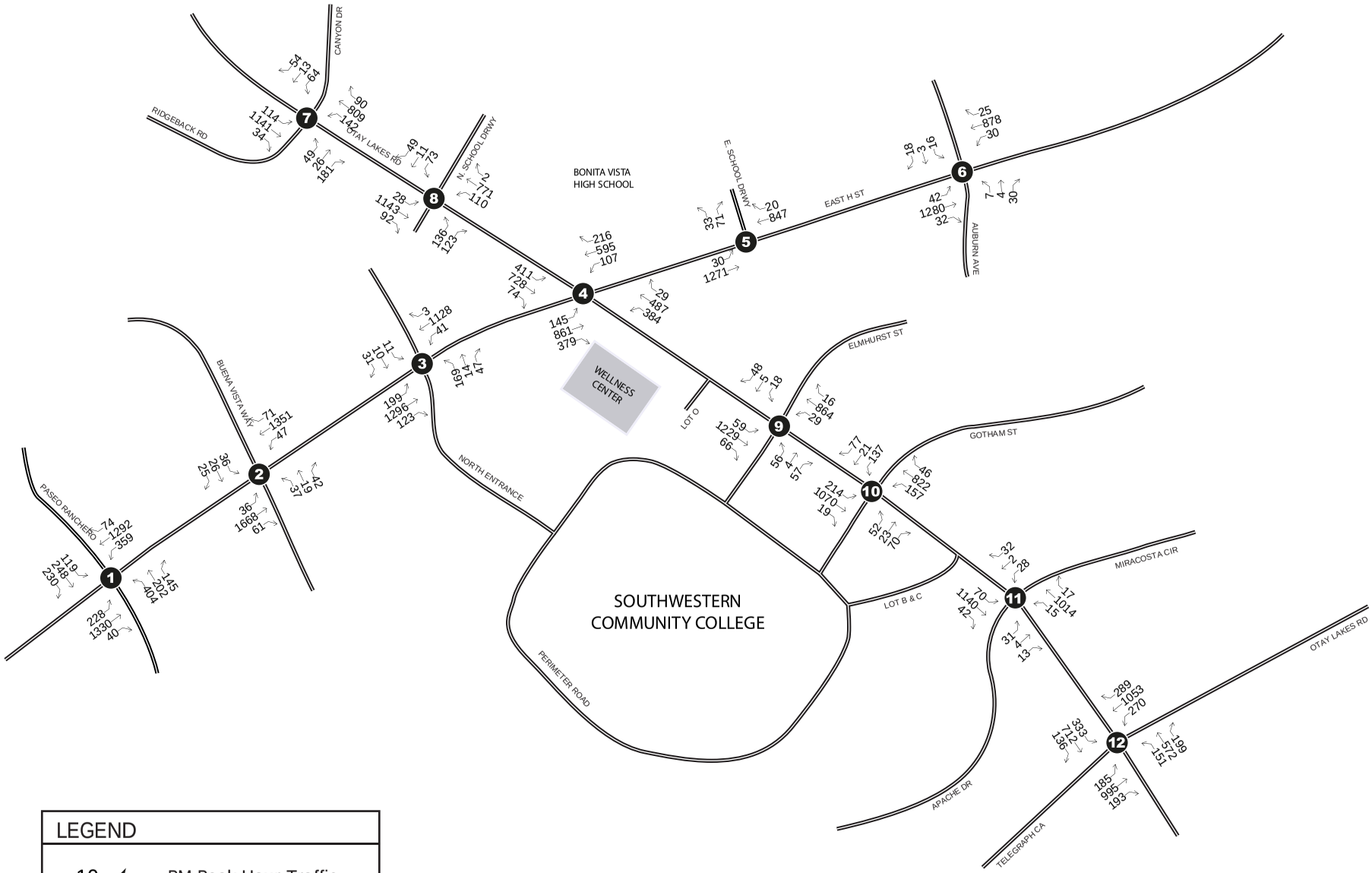

Figure 3-5
Existing PM Peak Hour Intersection Volumes

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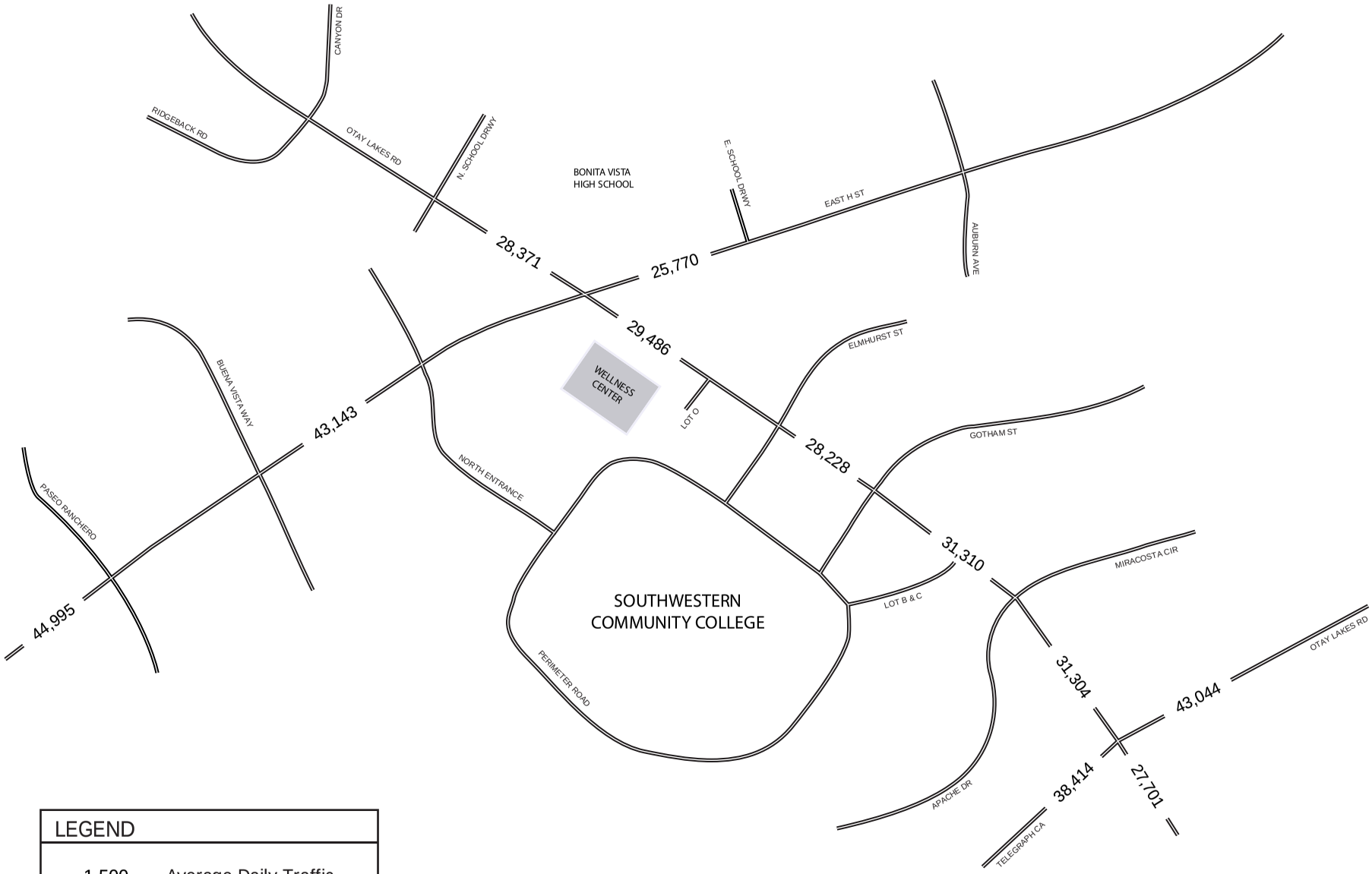

Figure 3-6
Existing With Project Daily Roadway Segment Volumes

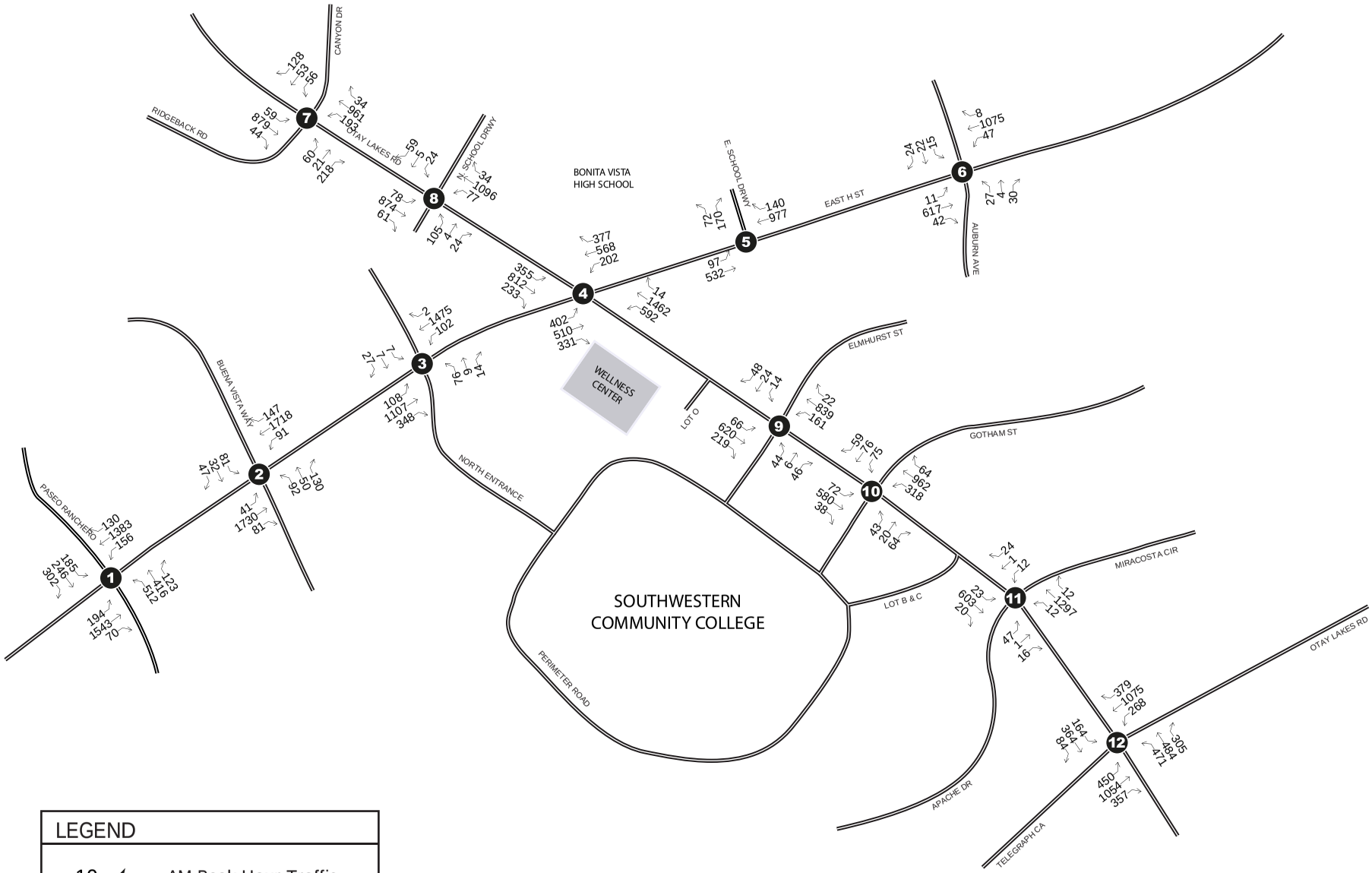

Figure 3-7
Existing With Project AM Peak Hour Intersection Volumes

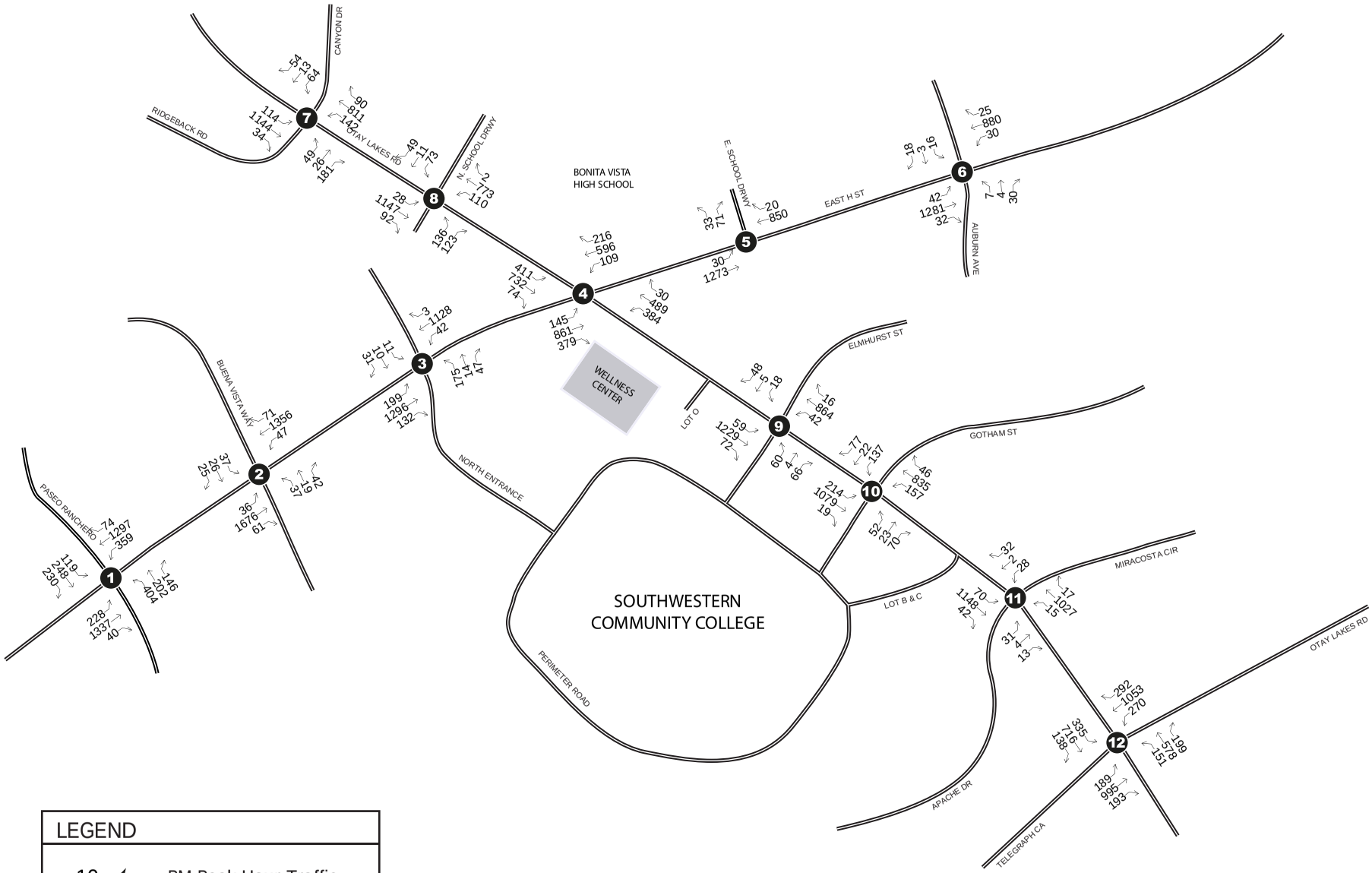

Figure 3-8
Existing With Project PM Peak Hour Intersection Volumes

3.4 EXISTING WITH PROJECT CONDITIONS ROADWAY SEGMENT ANALYSIS

Table 3-1 summarizes the roadway segment analysis results for existing conditions without and with the project. The roadway segment analysis methodology is described in Section 2.2.1 of this report.

As shown in Table 3-1, all segments will operate at an acceptable level of service without and with project.

3.5 EXISTING WITH PROJECT CONDITIONS INTERSECTION ANALYSIS

Table 3-2 summarizes the intersection operations analysis results for existing conditions without and with the project. The intersection operations analysis methodology is described in Section 2.2.3 of this report. Existing conditions intersection operations analysis worksheets are included in Appendix D. Existing With Project conditions intersection operations analysis worksheets are included in Appendix E. All of the study area intersections would operate at acceptable service levels without and with the project.

Table 3-1
Existing With Project Conditions Roadway Segment Analysis Summary

Roadway Segment	Lanes/ Class	LOS E Capacity	Without Project			Project Trips	With Project		
			ADT	V/C	LOS		ADT	V/C	LOS
H Street									
West of Paseo Ranchero	6P	62,500	44,867	0.718	C	128	44,995	0.720	C
Buena Vista Way to Otay Lakes Road	6P	62,500	42,977	0.688	B	166	43,143	0.690	B
Otay Lakes Road to Auburn Avenue	4M	37,500	25,722	0.686	B	48	25,770	0.687	B
Otay Lakes Road									
Canyon Drive to H Street	6P	62,500	28,301	0.453	A	70	28,371	0.454	A
H Street to Elmhurst Street	6P	62,500	29,378	0.470	A	108	29,486	0.472	A
Elmhurst Street to Gotham Street	6P	62,500	27,986	0.448	A	242	28,228	0.452	A
Gotham Street to Apache Drive	6P	62,500	31,068	0.497	A	242	31,310	0.501	A
Apache Drive to Telegraph Canyon Road	5P	52,083	31,068	0.597	A	236	31,304	0.601	B
South of Telegraph Canyon Road	6P	62,500	27,589	0.441	A	112	27,701	0.443	A
Telegraph Canyon Road									
West of Otay Lakes Road	6P	62,500	38,344	0.614	B	70	38,414	0.615	B
East of Otay Lakes Road	6P	62,500	42,990	0.688	B	54	43,044	0.689	B

Abbreviations: 6P: 6 lane Prime Arterial. 5P: 5 lane Prime Arterial. 4M: 4 lane Major

Table 3-2
Existing With Project Conditions Intersection Operations Analysis Summary

Intersection	Existing Without Project		Existing With Project		Δ Delay	Significant
	Delay	LOS	Delay	LOS		
AM Peak Hour						
1. H St / Paseo Ranchero	37.0	D	37.0	D	0.0	No
2. H. St / Buena Vista Way	8.3	A	8.3	A	0.0	No
3. H. St / SWCC North Entrance	23.3	C	23.5	C	0.2	No
4. Otay Lakes Rd / East H St	31.1	C	31.2	C	0.1	No
5. H St & BHS Entrance	14.3	B	14.4	B	0.1	No
6. H St & Auburn Ave	17.0	B	17.0	B	0.0	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	17.4	B	17.4	B	0.0	No
8. Otay Lakes Rd / High School Dwy	19.1	B	19.1	B	0.0	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	20.2	C	20.2	C	0.0	No
10. Otay Lakes Rd / Gotham St - College Dwy	26.6	C	26.6	C	0.0	No
11. Otay Lakes Rd / Apache Dr	5.7	A	5.7	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	35.0	C	35.0	C	0.0	No
PM Peak Hour						
1. H St / Paseo Ranchero	33.2	C	33.3	C	0.1	No
2. H. St / Buena Vista Way	8.8	A	8.8	A	0.0	No
3. H. St / SWCC North Entrance	23.0	C	23.0	C	0.0	No
4. Otay Lakes Rd / East H St	23.0	C	23.0	C	0.0	No
5. H St & BHS Entrance	10.4	B	10.5	B	0.1	No
6. H St & Auburn Ave	7.6	A	7.6	A	0.0	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	17.1	B	17.1	B	0.0	No
8. Otay Lakes Rd / High School Dwy	18.3	B	18.2	B	-0.1	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	17.7	B	17.6	B	-0.1	No
10. Otay Lakes Rd / Gotham St - College Dwy	14.7	B	14.7	B	0.0	No
11. Otay Lakes Rd / Apache Dr	5.9	A	5.9	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	31.3	C	31.3	C	0.0	No

CHAPTER 4
CUMULATIVE CONDITIONS

Cumulative baseline conditions represent opening day of the proposed project. Project traffic is added to the Cumulative baseline volumes to create the "With Project" scenario.

4.1 CUMULATIVE BASELINE TRAFFIC VOLUMES

Traffic growth on roadways is a function of the expected land development, economic activity, and changes in demographics. Several methods can be used to estimate this growth.

For this analysis it is conservatively assumed that every parcel builds out to the General Plan designation as modeled by SANDAG for the year 2030; and that all General Plan Amendments within the study area are approved and implemented. One cumulative project has been identified that we included data for in our analysis. The project consists of a small school of a maximum of 300-350 students. It is to be developed in four phases however for this analysis full development was assumed as a conservative approach. The project is located in the northwest quadrant of the intersection of East H Street and Buena Vista Way. The cumulative project information can be found in Appendix F

The Cumulative Without Project daily traffic volumes are shown in Figure 4-1. The Cumulative Without Project AM and PM peak hour intersection volumes are shown in Figures 4-2 and 4-3, respectively.

4.2 CUMULATIVE WITH PROJECT CONDITIONS TRAFFIC VOLUMES

The Cumulative With Project daily traffic volumes are shown in Figure 4-4. The Cumulative With Project AM and PM peak hour intersection volumes are shown in Figures 4-5 and 4-6, respectively.

4.3 CUMULATIVE WITH PROJECT CONDITIONS ROADWAY SEGMENT ANALYSIS

Table 4-1 summarizes the roadway segment analysis results for Cumulative conditions without and with the project. The roadway segment analysis methodology is described in Section 2.2.1 of this report. All roadway segments would operate at an acceptable level of service without and with project.

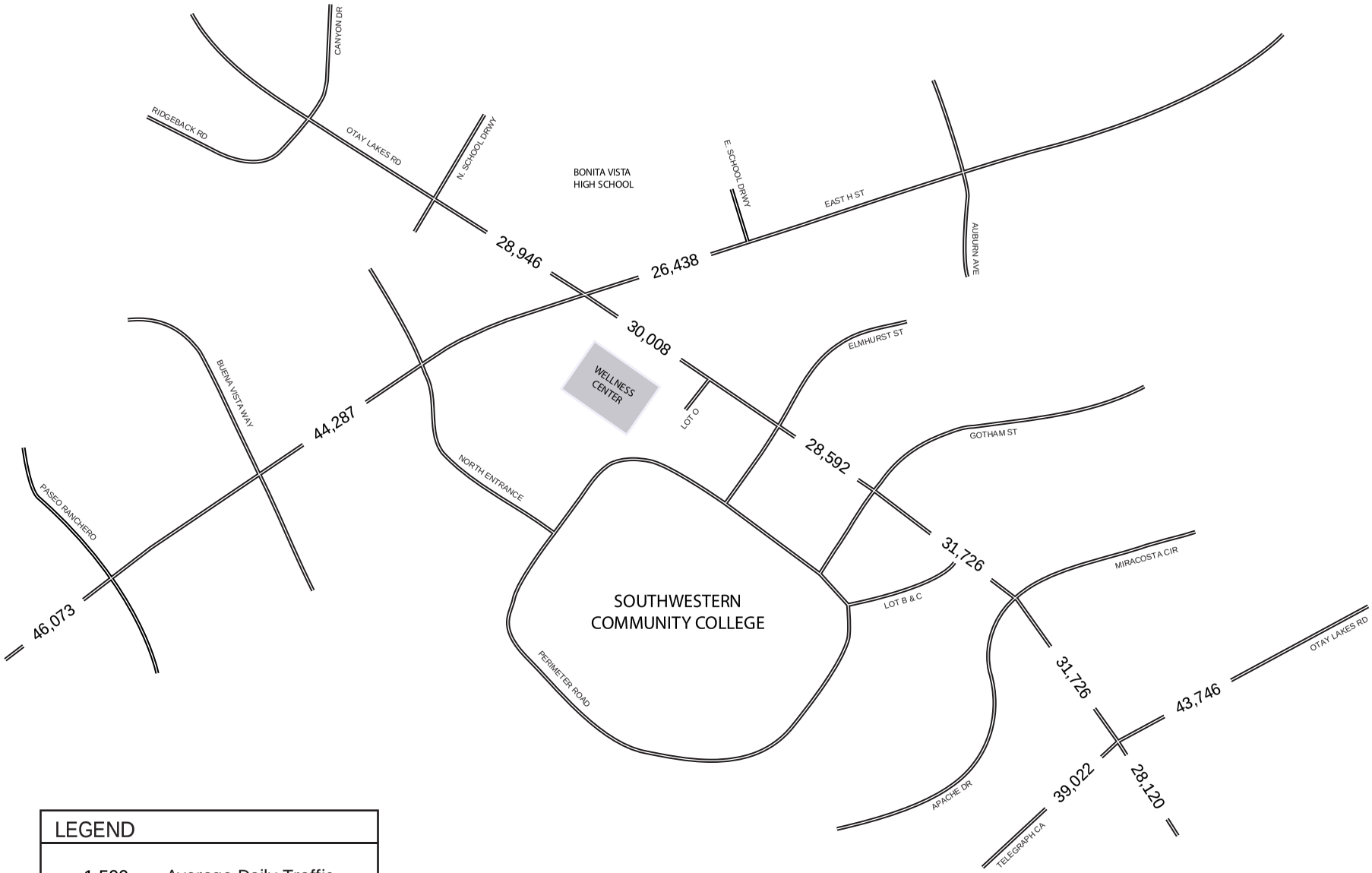

Figure 4-1
Cumulative Without Project Daily Roadway Segment Volumes

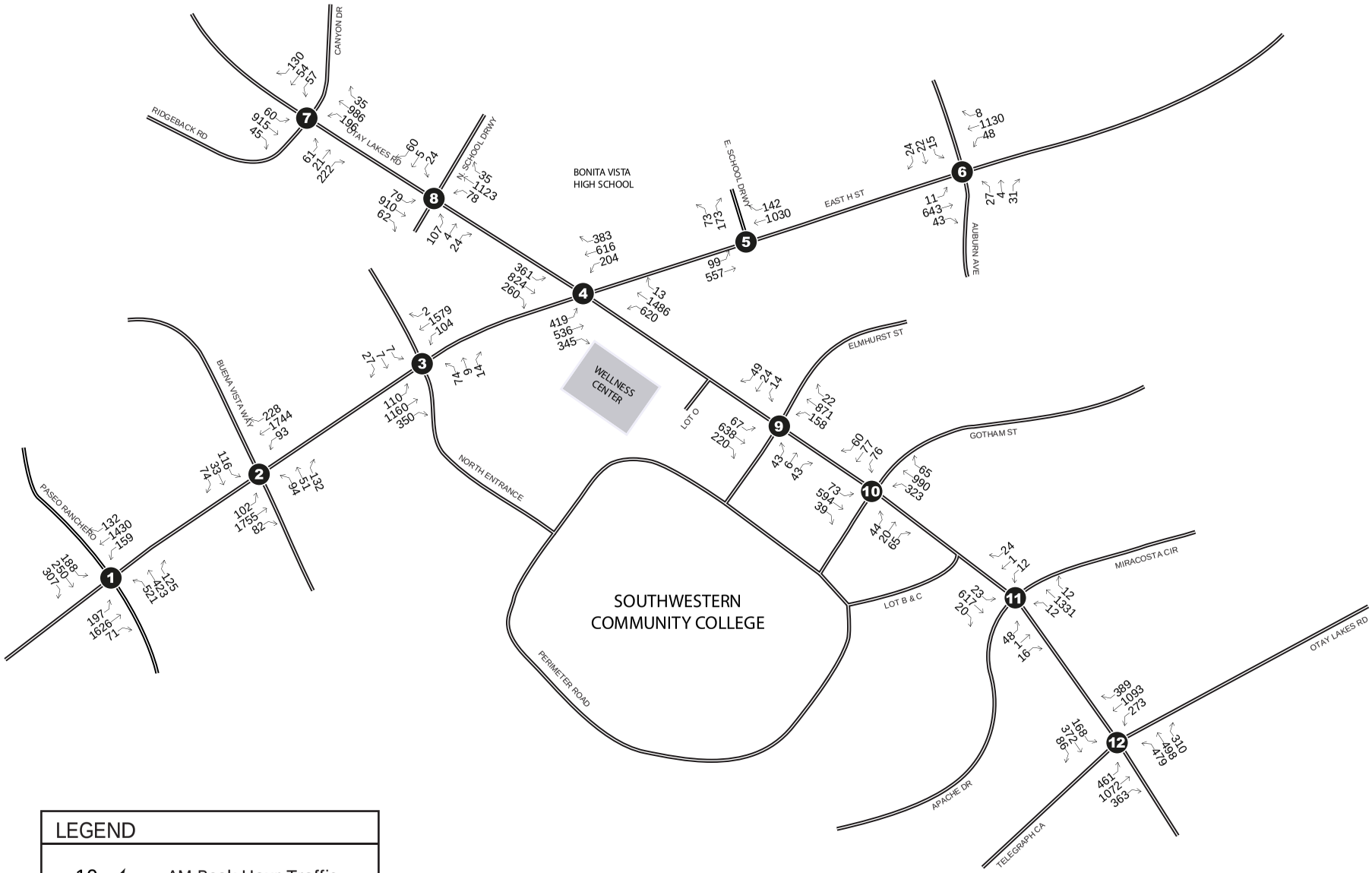

Figure 4-2
Cumulative Without Project AM Peak Hour Intersection Volumes

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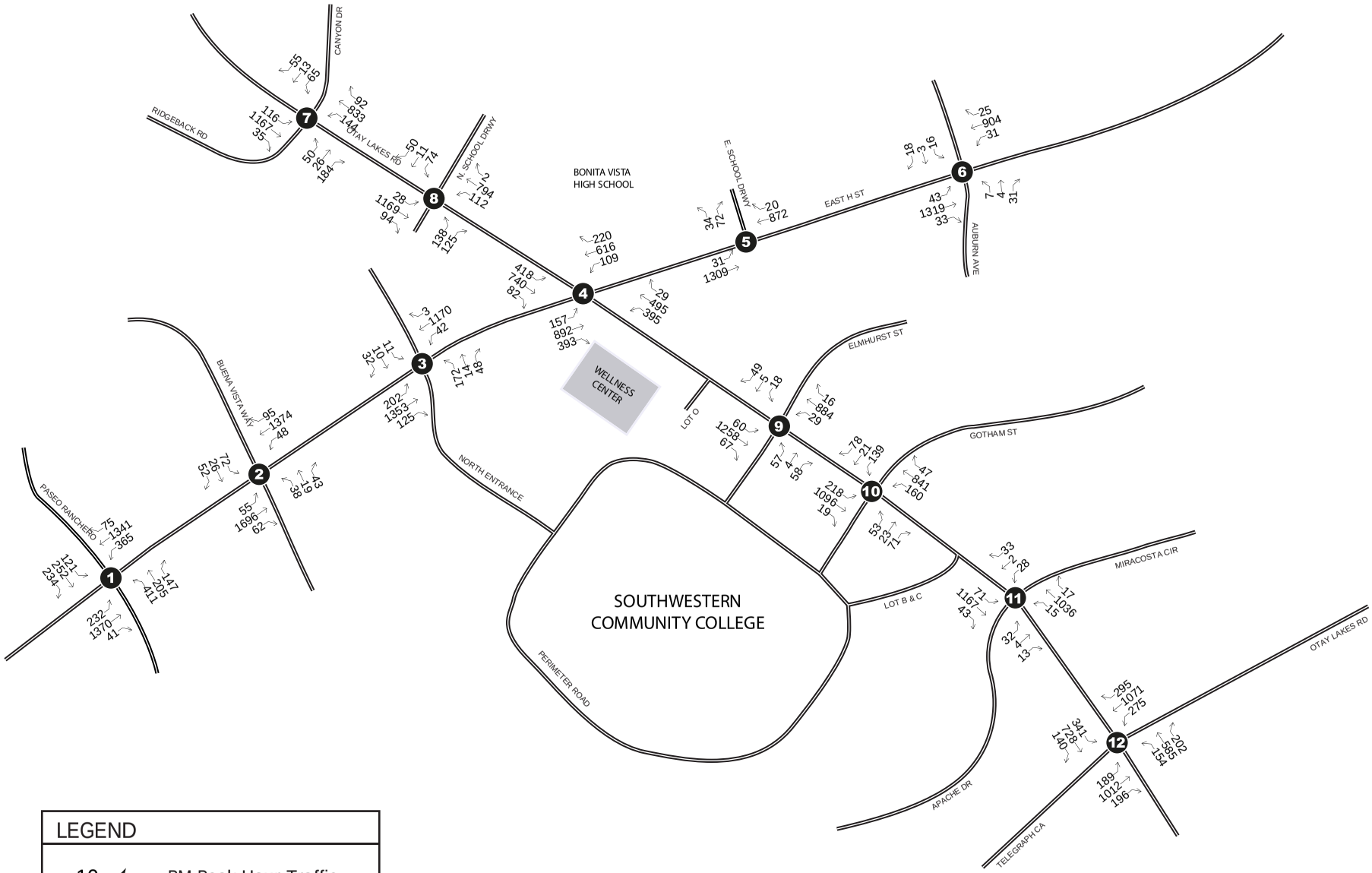

Figure 4-3
Cumulative Without Project PM Peak Hour Intersection Volumes

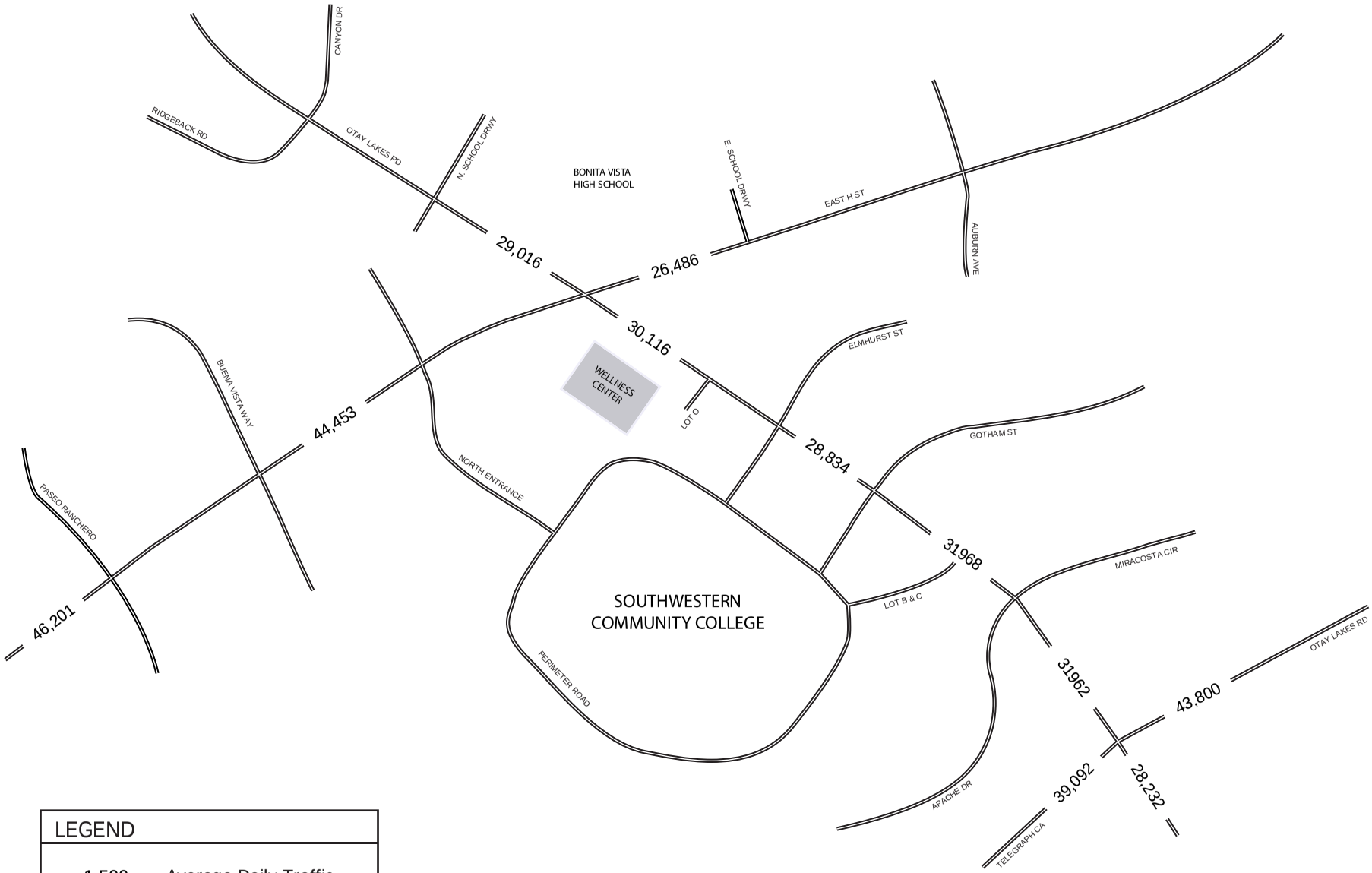

Figure 4-4
Cumulative With Project Daily Roadway Segment Volumes

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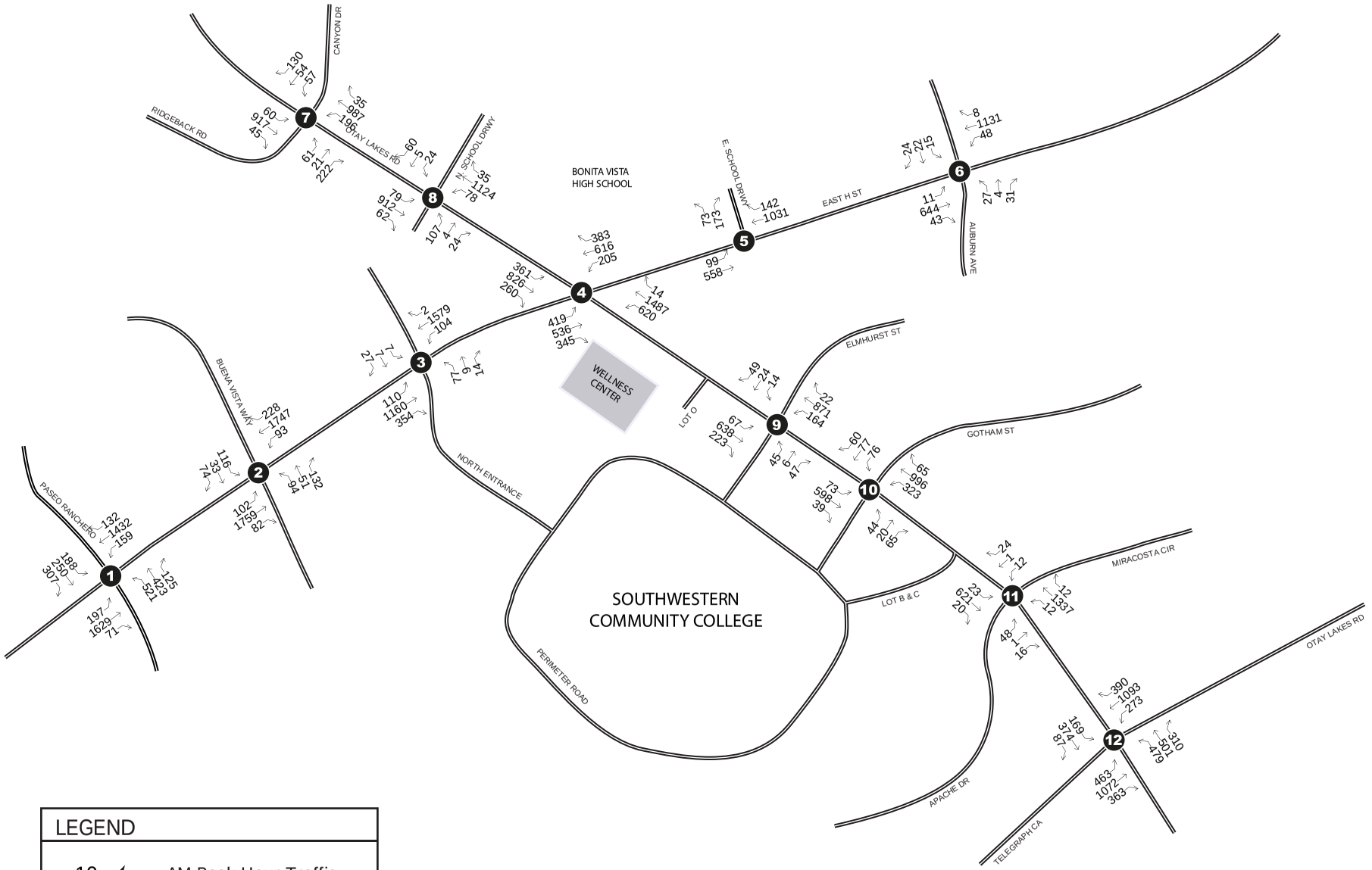

Figure 4-5
Cumulative With Project AM Peak Hour Intersection Volumes

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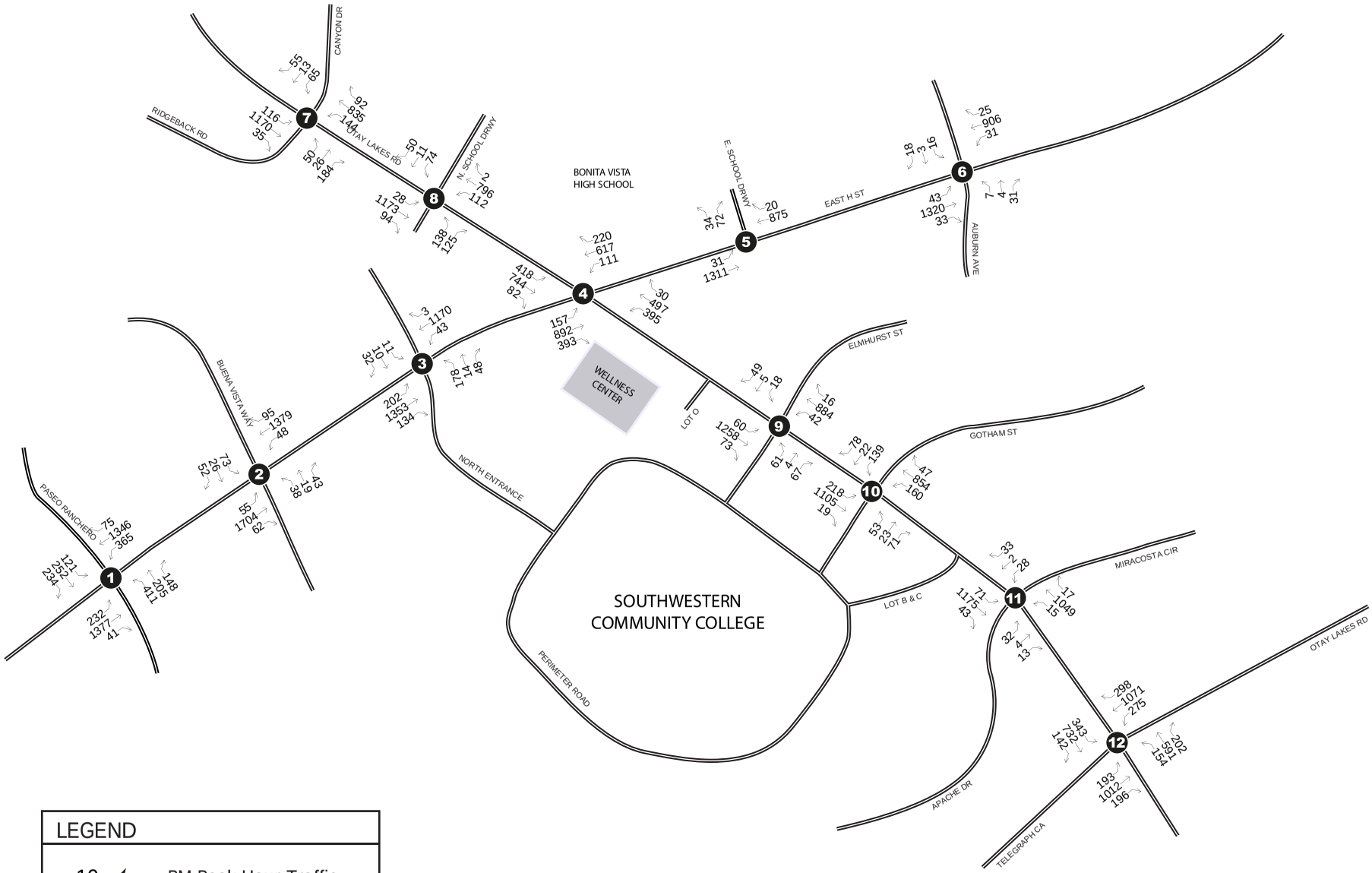

Figure 4-6
Cumulative With Project PM Peak Hour Intersection Volumes

N
Not To Scale

Table 4-1
Cumulative With Project Conditions Roadway Segment Analysis Summary

Roadway Segment	Lanes/ Class	LOS E Capacity	Without Project			Project Trips	With Project		
			ADT	V/C	LOS		ADT	V/C	LOS
H Street									
West of Paseo Ranchero	6P	62,500	46,073	0.737	C	128	46,201	0.739	C
Buena Vista Way to Otay Lakes Road	6P	62,500	44,287	0.709	C	166	44,453	0.711	C
Otay Lakes Road to Auburn Avenue	4M	37,500	26,438	0.705	C	48	26,486	0.706	C
Otay Lakes Road									
Canyon Drive to H Street	6P	62,500	28,946	0.463	A	70	29,016	0.464	A
H Street to Elmhurst Street	6P	62,500	30,008	0.480	A	108	30,116	0.482	A
Elmhurst Street to Gotham Street	6P	62,500	28,592	0.457	A	242	28,834	0.461	A
Gotham Street to Apache Drive	6P	62,500	31,726	0.508	A	242	31,968	0.511	A
Apache Drive to Telegraph Canyon Road	5P	52,083	31,726	0.609	B	236	31,962	0.614	B
South of Telegraph Canyon Road	6P	62,500	28,120	0.450	A	112	28,232	0.452	A
Telegraph Canyon Road									
West of Otay Lakes Road	6P	62,500	39,022	0.624	B	70	39,092	0.625	B
East of Otay Lakes Road	6P	62,500	43,746	0.700	B	54	43,800	0.701	B

Abbreviations: 6P: 6 lane Prime Arterial. 5P: 5 lane Prime Arterial. 4M: 4 lane Major

4.4 CUMULATIVE WITH PROJECT CONDITIONS INTERSECTION ANALYSIS

Table 4-2 summarizes the intersection operations analysis results for Cumulative conditions without and with the project. The intersection operations analysis methodology is described in Section 2.2.3 of this report. Cumulative Without Project conditions intersection operations analysis worksheets are included in Appendix F. Cumulative With Project conditions intersection operations analysis worksheets are included in Appendix G. All intersections without and with the project will operate at an acceptable level of service.

Table 4-2
Cumulative With Project Conditions Intersection Operations Analysis Summary

Intersection	Cumulative Without Project		Cumulative With Project		Δ Delay	Significant
	Delay	LOS	Delay	LOS		
AM Peak Hour						
1. H St / Paseo Ranchero	39.1	D	39.1	D	0.0	No
2. H. St / Buena Vista Way	9.7	A	9.7	A	0.0	No
3. H. St / SWCC North Entrance	26.1	C	26.5	C	0.4	No
4. Otay Lakes Rd / East H St	35.0	C	35.1	D	0.1	No
5. H St & BHS Entrance	15.7	B	15.7	B	0.0	No
6. H St & Auburn Ave	17.1	B	17.2	B	0.1	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	17.6	B	17.6	B	0.0	No
8. Otay Lakes Rd / High School Dwy	17.9	B	17.9	B	0.0	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	16.5	B	16.5	B	0.0	No
10. Otay Lakes Rd / Gotham St - College Dwy	18.8	B	18.8	B	0.0	No
11. Otay Lakes Rd / Apache Dr	6.8	A	6.8	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	33.8	C	33.8	C	0.0	No
PM Peak Hour						
1. H St / Paseo Ranchero	34.4	C	34.4	C	0.0	No
2. H. St / Buena Vista Way	8.6	A	8.6	A	0.0	No
3. H. St / SWCC North Entrance	19.2	B	19.4	B	0.2	No
4. Otay Lakes Rd / East H St	18.3	B	18.3	B	0.0	No
5. H St & BHS Entrance	10.3	B	10.3	B	0.0	No
6. H St & Auburn Ave	7.1	A	7.1	A	0.0	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	17.1	B	17.1	B	0.0	No
8. Otay Lakes Rd / High School Dwy	18.6	B	18.6	B	0.0	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	16.3	B	16.3	B	0.0	No
10. Otay Lakes Rd / Gotham St - College Dwy	15.5	C	15.6	C	0.1	No
11. Otay Lakes Rd / Apache Dr	5.0	A	5.0	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	32.1	D	32.1	D	0.0	No

CHAPTER 5
LONG TERM CONDITIONS

Long Term conditions represent long-range traffic conditions in 2030.

5.1 LONG TERM BASELINE TRAFFIC VOLUMES

Traffic growth on area roadways is a function of the expected land development, economic activity, and changes in demographics. Several methods can be used to estimate this growth. For this analysis SANDAG Series 11 traffic forecast model was used to develop Long Term baseline volumes. Appendix H contains detailed information about volume development. The Long Term Without Project daily traffic volumes are shown in Figure 5-1. The Long Term Without Project AM and PM peak hour intersection volumes are shown in Figures 5-2 and 5-3, respectively.

5.2 LONG TERM WITH PROJECT CONDITIONS TRAFFIC VOLUMES

The Long Term With Project daily traffic volumes are shown in Figure 5-4. The Long Term With Project AM and PM peak hour intersection volumes are shown in Figures 5-5 and 5-6, respectively.

5.3 LONG TERM WITH PROJECT CONDITIONS ROADWAY SEGMENT ANALYSIS

Table 5-1 summarizes the roadway segment analysis results for Long Term conditions without and with the project. The roadway segment analysis methodology is described in Section 2.2.1 of this report. Without any improvements by the project, there would be no impacts to the study area.

5.4 LONG TERM WITH PROJECT CONDITIONS INTERSECTION ANALYSIS

Table 5-2 summarizes the intersection operations analysis results for Long Term conditions without and with the project. The intersection operations analysis methodology is described in Section 2.2.3 of this report. Long Term Without Project conditions intersection operations analysis worksheets are included in Appendix H. Long Term With Project conditions intersection operations analysis worksheets are included in Appendix I. All intersections without and with the project will operate at an acceptable level of service.

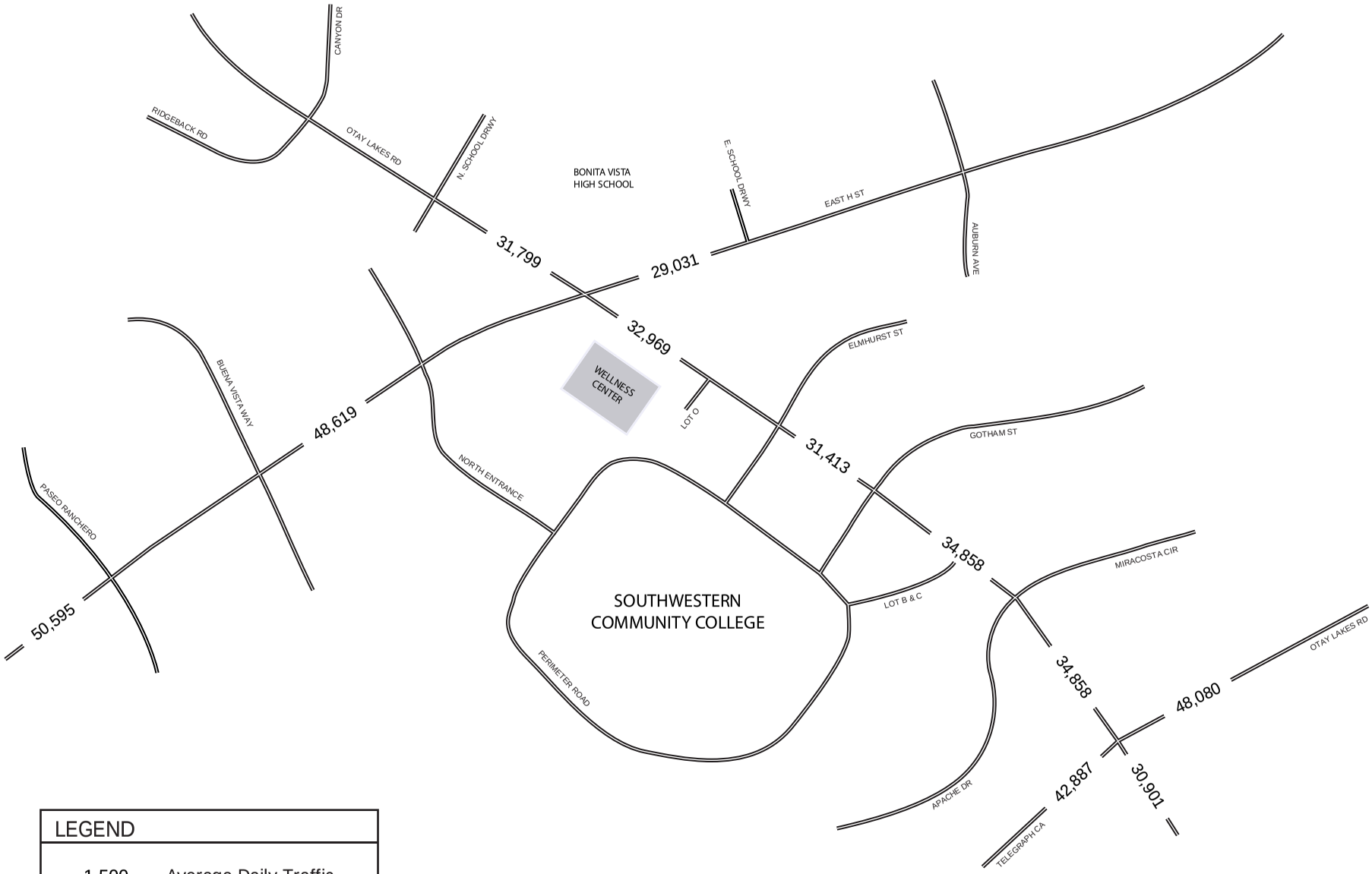

Figure 5-1
Long Term Without Project Daily Roadway Segment Volumes

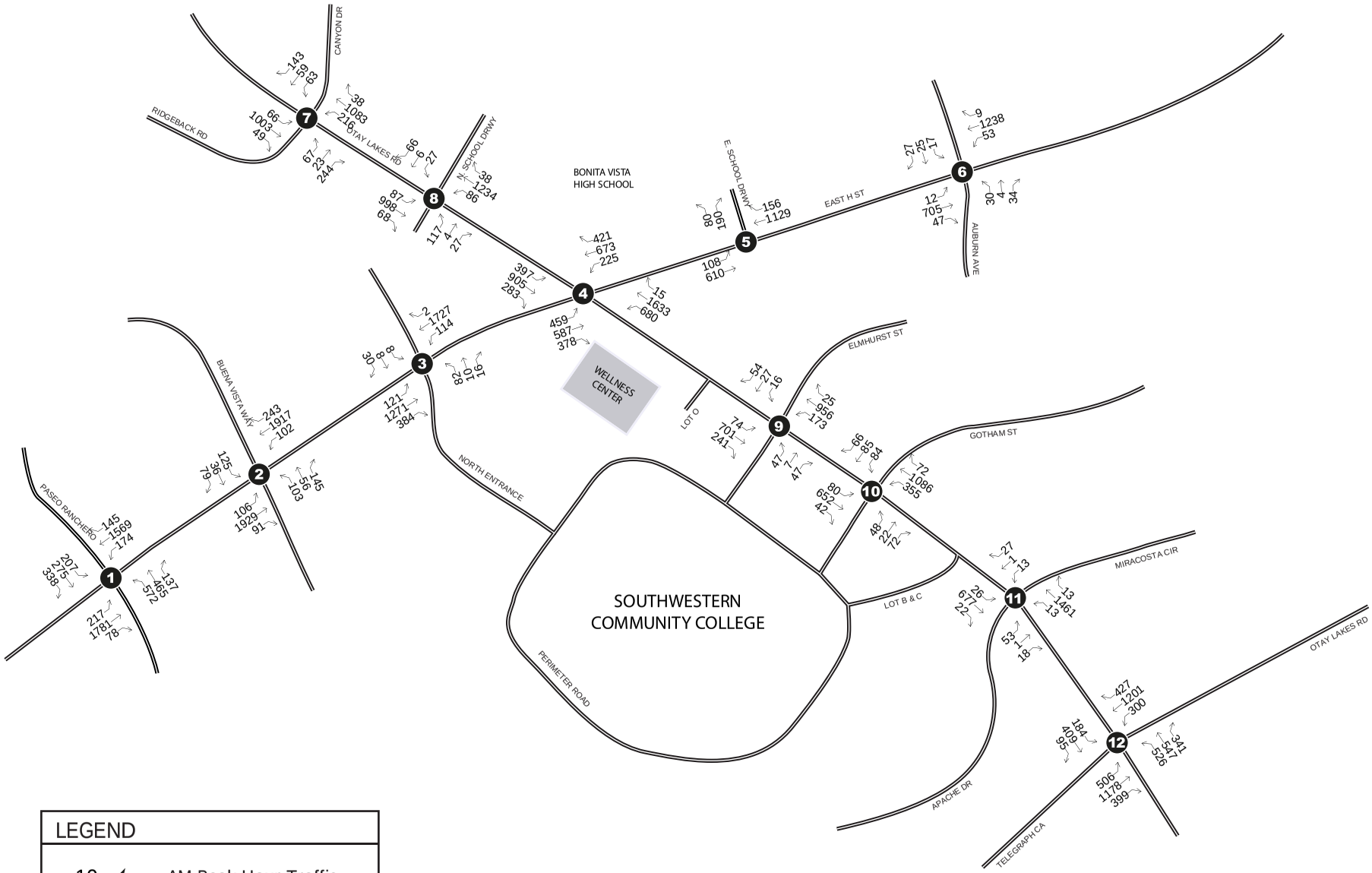

Figure 5-2
Long Term Without Project AM Peak Hour Intersection Volumes

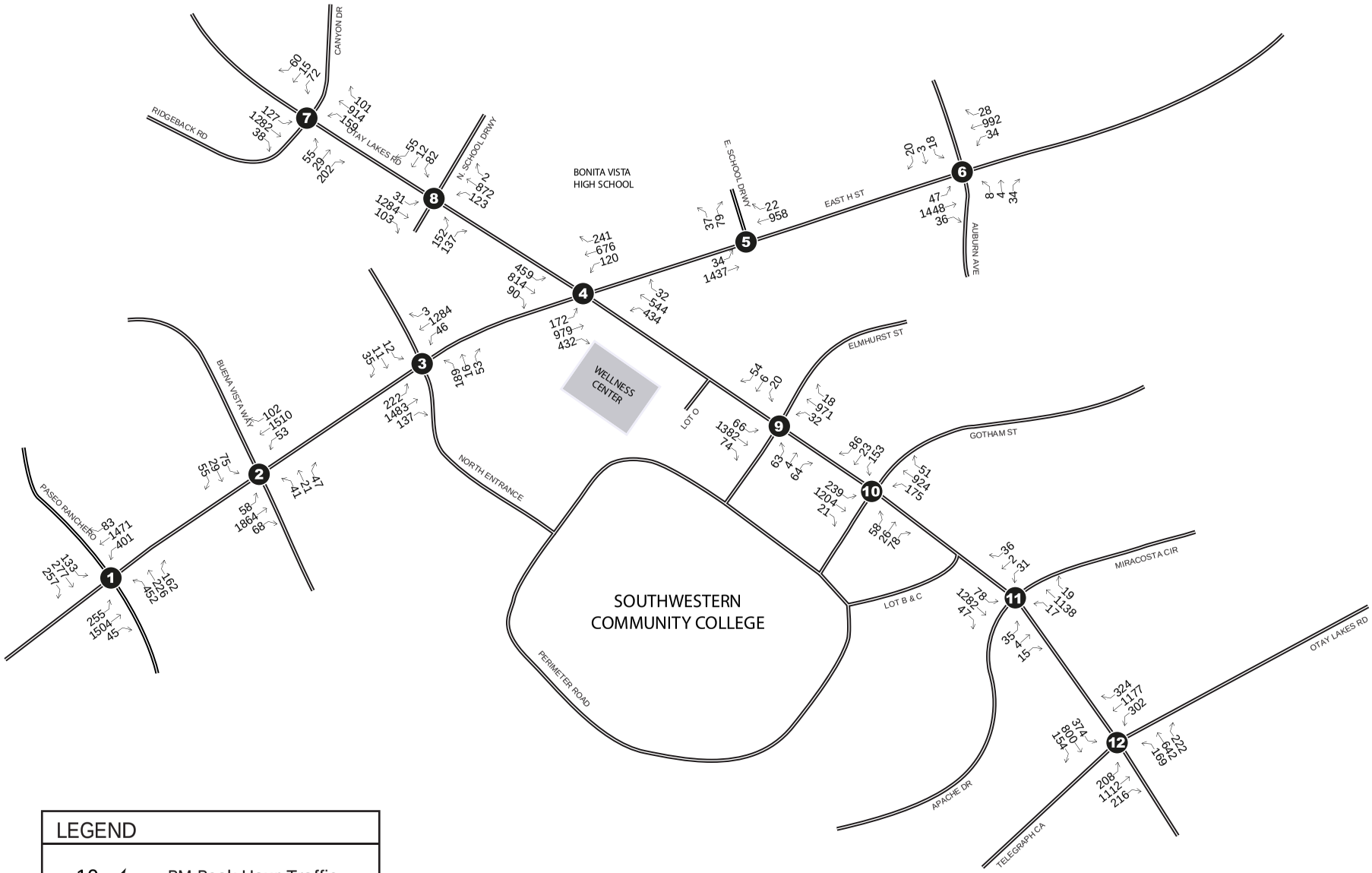

Figure 5-3
Long Term Without Project PM Peak Hour Intersection Volumes

N
Not To Scale

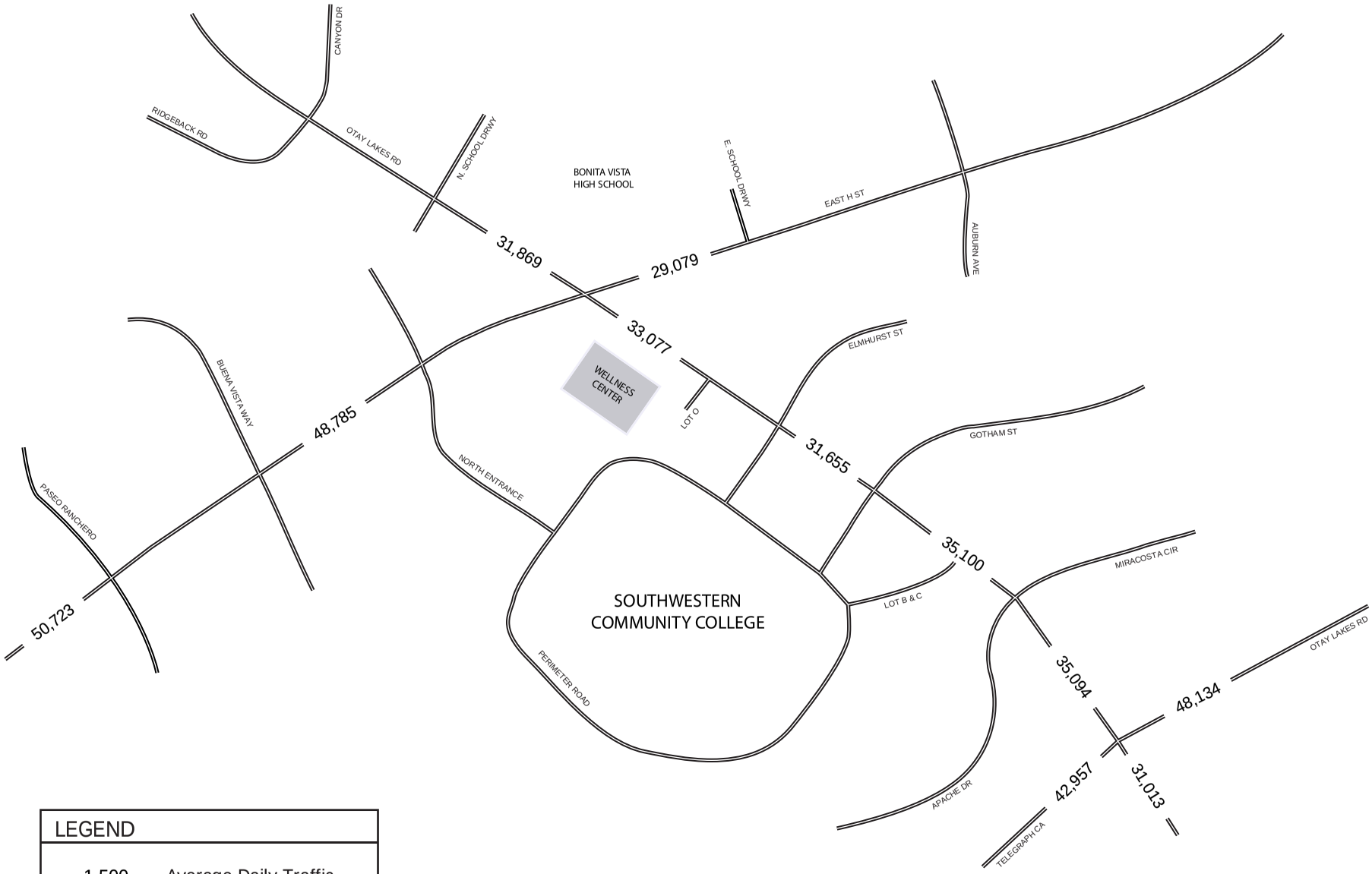

Figure 5.4
Long Term With Project Daily Roadway Segment Volumes

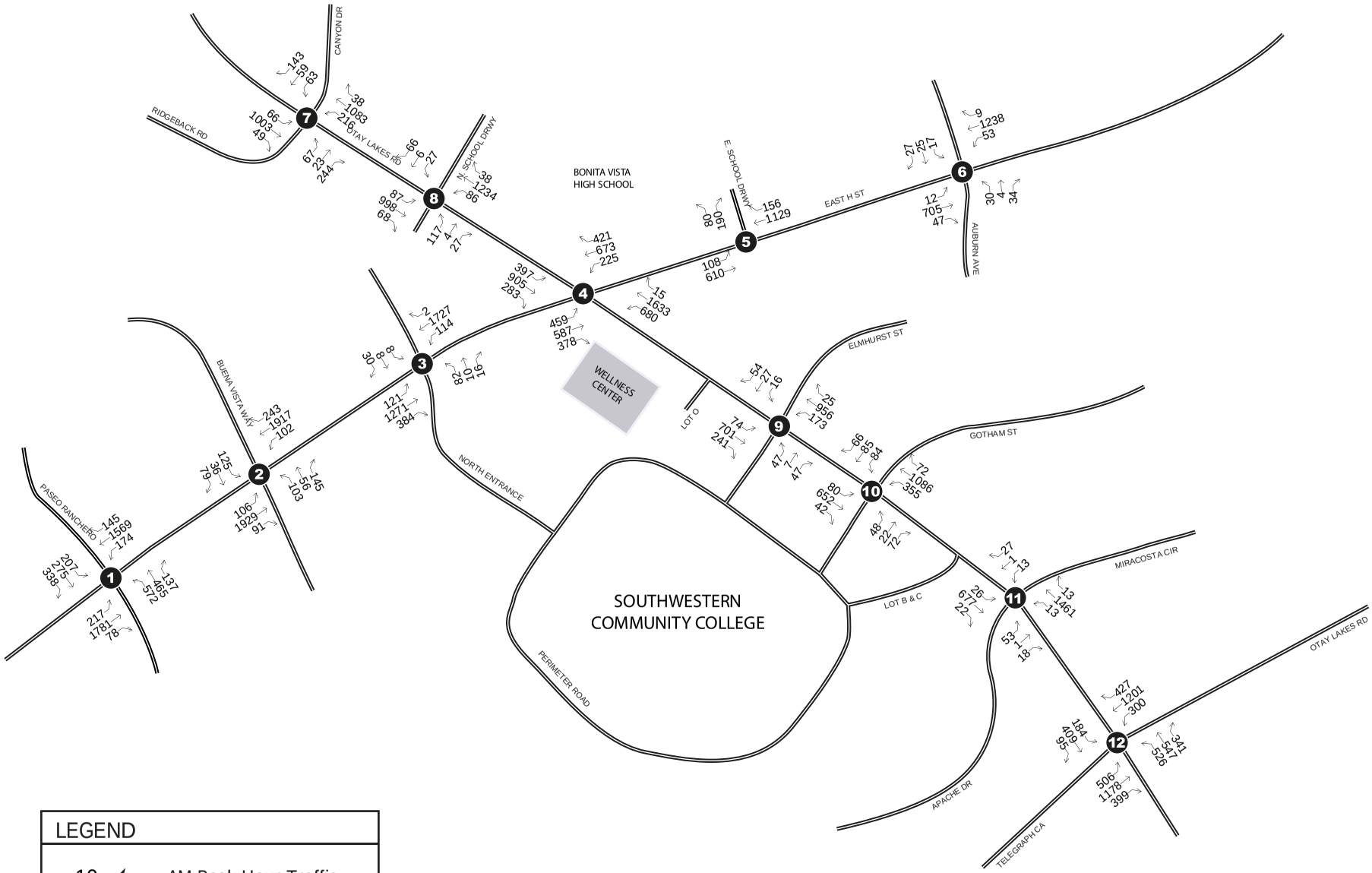

Figure 5-5
Long Term With Project AM Peak Hour Intersection Volumes

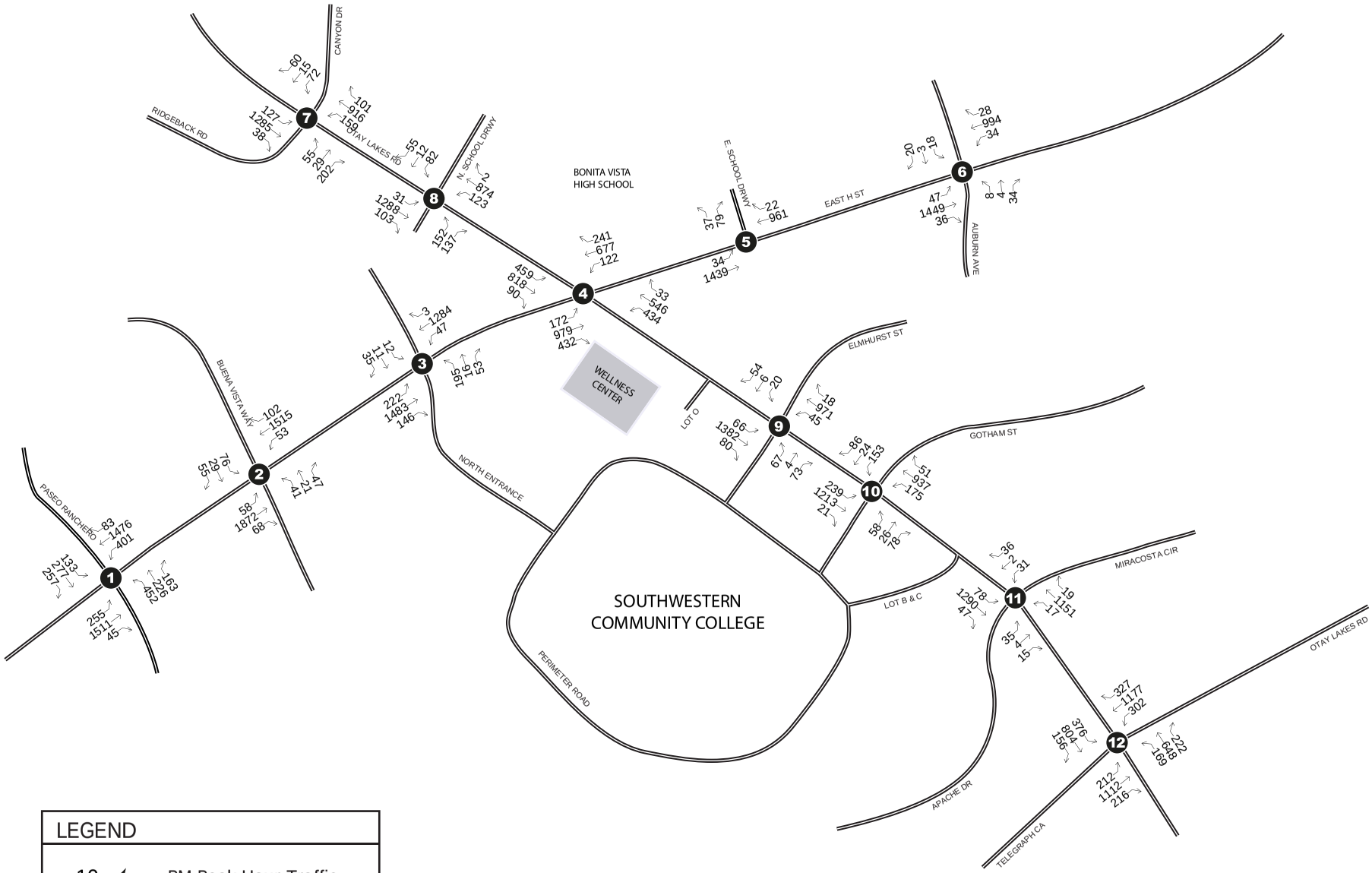

Figure 5-6
Long Term With Project PM Peak Hour Intersection Volumes

N
Not To Scale

Table 5-1
Long Term Conditions Roadway Segment Analysis Summary

Roadway Segment	Lanes/ Class	LOS E Capacity	Without Project			Project Trips	With Project		
			ADT	V/C	LOS		ADT	V/C	LOS
H Street									
West of Paseo Ranchero	6P	62,500	50,595	0.810	D	128	50,723	0.812	D
Buena Vista Way to Otay Lakes Road	6P	62,500	48,619	0.778	C	166	48,785	0.781	C
Otay Lakes Road to Auburn Avenue	4M	37,500	29,031	0.774	C	48	29,079	0.775	C
Otay Lakes Road									
Canyon Drive to H Street	6P	62,500	31,799	0.509	A	70	31,869	0.510	A
H Street to Elmhurst Street	6P	62,500	32,969	0.528	A	108	33,077	0.529	A
Elmhurst Street to Gotham Street	6P	62,500	31,413	0.503	A	242	31,655	0.506	A
Gotham Street to Apache Drive	6P	62,500	34,858	0.558	A	242	35,100	0.562	A
Apache Drive to Telegraph Canyon Road	5P	52,083	34,858	0.669	B	236	35,094	0.674	B
South of Telegraph Canyon Road	6P	62,500	30,901	0.494	A	112	31,013	0.496	A
Telegraph Canyon Road									
West of Otay Lakes Road	6P	62,500	42,887	0.686	B	70	42,957	0.687	B
East of Otay Lakes Road	6P	62,500	48,080	0.769	C	54	48,134	0.770	C

Abbreviations: 6P: 6 lane Prime Arterial. 5P: 5 lane Prime Arterial. 4M: 4 lane Major

Table 5-2
Long Term Conditions Intersection Analysis Summary

Intersection	Long Term Without Project		Long Term With Project		Δ Delay	Significant
	Delay	LOS	Delay	LOS		
AM Peak Hour						
1. H St / Paseo Ranchero	49.2	D	49.4	D	0.2	No
2. H. St / Buena Vista Way	11.5	B	11.5	B	0.0	No
3. H. St / SWCC North Entrance	43.5	D	43.8	D	0.3	No
4. Otay Lakes Rd / East H St	49.0	D	49.1	D	0.1	No
5. H St & BHS Entrance	15.9	B	15.9	B	0.0	No
6. H St & Auburn Ave	14.6	B	14.6	B	0.0	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	18.5	B	18.5	B	0.0	No
8. Otay Lakes Rd / High School Dwy	16.3	B	16.3	B	0.0	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	16.2	B	16.2	B	0.0	No
10. Otay Lakes Rd / Gotham St - College Dwy	18.1	B	18.1	B	0.0	No
11. Otay Lakes Rd / Apache Dr	7.4	A	7.4	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	36.8	D	36.9	D	0.1	No
PM Peak Hour						
1. H St / Paseo Ranchero	36.8	D	37.0	D	0.2	No
2. H. St / Buena Vista Way	8.9	A	8.9	A	0.0	No
3. H. St / SWCC North Entrance	20.4	C	23.8	C	3.4	No
4. Otay Lakes Rd / East H St	21.5	C	21.4	C	-0.1	No
5. H St & BHS Entrance	10.5	B	10.5	B	0.0	No
6. H St & Auburn Ave	6.2	A	6.2	A	0.0	No
7. Otay Lakes Rd / Ridgeback Rd - Canyon Dr	18.0	B	18.0	B	0.0	No
8. Otay Lakes Rd / High School Dwy	17.7	B	17.7	B	0.0	No
9. Otay Lakes Rd / Elmhurst St - College Dwy	14.6	B	14.7	B	0.1	No
10. Otay Lakes Rd / Gotham St - College Dwy	15.8	C	15.8	C	0.0	No
11. Otay Lakes Rd / Apache Dr	5.2	A	5.2	A	0.0	No
12. Otay Lakes Rd / Telegraph Canyon Rd	33.8	D	33.8	D	0.0	No

CHAPTER 6
TRANSIT AND ON-SITE CIRCULATION

6.1 ON-SITE CIRCULATION

The project will have a total of four access points with one access point on E. H Street and three access points on Otay Lakes Road as described below:

- Project Driveway 1 – A full access signalized entrance at H Street access located on the west side of the project,
- Project Driveway 2 – A non-signalized entry right-in (only) access located approximately 800 feet south of the intersection of H Street along Otay Lakes Road
- Project Driveway 3 – A full signalized entrance at Gotham Street off of Otay Lakes Road.
- Project Driveway 4 – A non-signalized entry (right in – right out only) access located 500 feet south of Gotham Street on Otay Lakes Road.

6.2 PEDESTRIAN

The existing pedestrian network provides a continuous sidewalk connecting adjoining land uses along the project frontage All internal pedestrian networks will be constructed to meet City standards as they relate to pedestrians.

6.3 TRANSIT

Transit service in the study is offered by the San Diego County Metropolitan Transit System (MTS). Southwerstern College is a major transfer station for a number of local bus routes. The bus transfer center facility is located immediately west of the project. It provides the following bus connections:

- 705 - E Street Station - Plaza Bonita - Southwestern College
- 707 - Southwestern College - Otay Ranch Town Center
- 709 - H Street Station - Southwestern College / Otay Ranch / Eastlake
- 712 - Palomar St. Station - Sharp Rees-Stealy - Southwestern College
- 712L - Limited stops: Palomar St. Station - Sharp Rees-Stealy - Southwestern College

Any impacts to area transportation facilities/resources during the construction period of the project frontage are expected to be short-term in nature and, therefore, insignificant in terms of transportation network operations.

6.4 BICYCLE

Bike lanes are currently available on both directions along Otay Lakes Road. Bike routes currently exist along the Southwestern College frontage on H Street.

6.5 PARKING

The project would require 105 parking spaces. A parking lot occupancy study was recently conducted in which the results show that some lots approach maximum occupancy during the day but less so during evening classes. Lots D, I, M and N all exceed 90% occupancy in the afternoon during the class week. The average occupancy of all lots taken together in the AM is 60%, in the afternoon it is 57%, and in the evening it is 23%. Our conclusion is that sufficient parking exists for the expected spaces needed for Wellness Center users on the campus, but we recognize that the spaces may not always be available proximate to the Wellness Center, and that might benefit from some management techniques.

CHAPTER 8
IMPACTS AND MITIGATION

This chapter identifies any significant impacts, project mitigations as a result of the project.

8.1.1 Direct Impacts

The project would not create any direct impacts to the roadway network.

8.2.1 Cumulative Impacts

The project would not create any cumulative impacts to the roadway network.

8.3.1 Long Term Impacts

The project would not create any long term impacts to the roadway network.

CHAPTER 9
RECOMMENDATIONS

This report summarized the results of a detailed investigation of the traffic impacts of the proposed project by reviewing the area's existing roadway characteristics and traffic conditions, estimating the vehicular volume and pattern that the proposed project will generate during peak hours, and analyzing the effect of the additional volume on the surrounding roadway network. The potential traffic impacts associated with the proposed project (Wellness Center) on the Southwestern College campus have been investigated.

Based on the results of the Traffic Impact Study as detailed in the body of this report, it is the professional opinion of the project team that, the construction of the proposed Wellness Center will not result in an adverse traffic impact at the study segments and intersections.

Prepared By:
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Rogelio Pelayo – Associate Transportation Planner