



City of Lemon Grove
City Council Regular Meeting Agenda
Tuesday, October 18, 2016, 6:00 p.m.
Lemon Grove Community Center
3146 School Lane, Lemon Grove, CA

The City Council also sits as the Lemon Grove Housing Authority, Lemon Grove Sanitation District Board, Lemon Grove Roadway Lighting District Board, and Lemon Grove Successor Agency

Call to Order

Pledge of Allegiance

Changes to the Agenda

Presentation

Community Planning Month Proclamation

1. Consent Calendar

(Note: The items listed on the Consent Calendar will be enacted in one motion unless removed from the Consent Calendar by Council, staff, or the public. Items that are pulled will be considered at the end of the agenda.)

A. Approval of Meeting Minutes

October 4, 2016 – Regular Meeting

Members present: Sessom, Gastil, Jones, Mendoza, and Vasquez

B. City of Lemon Grove Payment Demands

Reference: Gilbert Rojas, Interim Finance Director

Recommendation: Ratify Demands

C. Waive Full Text Reading of All Ordinances on the Agenda

Reference: Jim P. Lough, City Attorney

Recommendation: Waive the full text reading of all ordinances included in this agenda; Ordinances shall be introduced and adopted by title

D. Approval of Program Supplement Agreement No. O89

The City Council will consider a resolution approving the execution of the Program Supplement No. O89 required by the California Department of Transportation in order to request reimbursement for State funds.

Reference: Mike James, Assistant City Manager/Public Works Director

Recommendation: Adopt Resolution

2. Public Hearing to Consider General Plan Amendment GPA-140-0002 Amending the General Plan Community Development Element, Including the Land Use Plan, Creating a New Special Treatment Area (STA IX) for the Main Street Promenade Extension Project (Connect Main Street)

The City Council will consider amendments to the General Plan Community Development Element and to the Land Use Plan by adding a new Special Treatment Area around the Connect Main Street project corridor.

Reference: David De Vries, Development Services Director and Miranda Evans, Management Analyst

Recommendation: Conduct Public Hearing and Adopt Resolution

3. Ordinance No. 440 – Zoning Amendment ZA1-500-0004 Amending the Zoning District from Residential Low (RL) and Residential Low/Medium (RL/M) to Residential Medium (RM) on a Two Acre Property Located on the Southwest Corner of Palm Street and Camino De Las Palmas, Lemon Grove, CA

The City Council will consider conducting second reading of Ordinance No. 440 approving a Zoning Amendment. This project consists of a 24-lot subdivision, including 20 residential lots, one private street lot (0.30 acres), and three common area lots for the development of 14 single-family homes, three twin homes, two common area parks, and related improvements.

Reference: Ken Lounsbery, Deputy City Attorney
David De Vries, Development Services Director
Recommendation: Conduct Second Reading and Adopt Ordinance

4. Award a Contract to California Skateparks for the Skate Park Expansion Project

The City Council will consider a resolution approving the skatepark expansion project that includes adding approximately 800 square feet of concrete to the existing skatepark and incorporating skateable art and skate features.

Reference: Mike James, Assistant City Manager/Public Works Director
Recommendation: Adopt Resolution

5. Metro Wastewater Joint Powers Authority Update

The Sanitation District Board will provide direction to Boardmember Jones to represent the District Board's interest at upcoming public meetings.

Reference: Mike James, Assistant City Manager/Public Works Director
Recommendation: Directs the Metro Commission Representative to represent the District's interest in upcoming Metro Commission or City of San Diego City Council meetings

Public Comment

(Note: In accordance with State Law, the general public may bring forward an item not scheduled on the agenda; however, the City Council may not take any action at this meeting. If appropriate, the item will be referred to staff or placed on a future agenda.)

City Council Oral Comments and Reports on Meetings Attended at the Expense of the City.

(GC 53232.3 (d) states that members of a legislative body shall provide brief reports on meetings attended at the expense of the local agency at the next regular meeting of the legislative body.)

Department Director Reports (Non-Action Items)

Adjournment

In compliance with the Americans with Disabilities Act (ADA), the City of Lemon Grove will provide special accommodations for persons who require assistance to access, attend and/or participate in meetings of the City Council. If you require such assistance, please contact the City Clerk at (619) 825-3800 or email sgarcia@lemongrove.ca.gov prior to the meeting. A full agenda packet is available for public review at City Hall.

**MINUTES OF A MEETING OF
THE LEMON GROVE CITY COUNCIL**

October 4, 2016

The City Council also sits as the Lemon Grove Housing Authority, Lemon Grove Sanitation District Board, Lemon Grove Roadway Lighting District Board, and Lemon Grove Successor Agency

Call to Order

Members present: Mayor Mary Sessom, Mayor Pro Tem George Gastil, Councilmember Jerry Jones, Councilmember Jennifer Mendoza, and Councilmember Racquel Vasquez.

Members absent: None.

City Staff present: Lydia Romero, City Manager, Eric Craig, Associate Planner; David De Vries, Development Services Director; Greg Mc Alpine, Interim Fire Chief; Tim Gabrielson, City Engineer; James P. Lough, City Attorney; Mike James, Public Works Director; Lt. May, Sheriff's Department; and Gilbert Rojas, Interim Finance Director.

Presentations

New employee Introductions: Kecia Carrasco, Associate Accountant, Reggie Lawson, Park Ranger, and Francisco Rodriguez, Sanitation Tech I.

Lt. May introduced San Diego County Sheriff Department/Lemon Grove traffic Sergeant Jorge Dueno.

Public Comment

John Wood commented on the flag at the Toyota dealership and large trucks parked on Federal Boulevard.

Helen Ofield spoke in opposition to Measure V for medical marijuana dispensaries that will be voted on at the November 8, 2016, election. Due to the East County Chamber of Commerce Board's endorsement of Measure V, she requested the City cancel membership immediately.

Isle Hanning spoke in opposition to Measure V for medical marijuana dispensaries that will be voted on at the November 8, 2016, election.

Stephen Browne spoke in opposition to Measure V for medical marijuana dispensaries that will be voted on at the November 8, 2016, election.

Roger Ogden spoke in opposition to the City's Welcoming Communities resolution.

Ivy Westmoreland spoke in opposition to Measure V for medical marijuana dispensaries that will be voted on at the November 8, 2016, election.

Ernie (no last name given) spoke in opposition to the City's Welcoming Communities resolution.

John Moore spoke in opposition to the City's Welcoming Communities resolution.

Edie Andrade spoke in opposition to the City's Welcoming Communities resolution.

Reverend Wayne Riggs commented on immigration, the United States military, and spoke in support of the City's Welcoming Communities resolution.

Ofelia Cortes spoke in support of the City's Welcoming Communities resolution.

Ginger Jacobs, San Diego Immigrants' Rights Consortium, spoke in support of the City's Welcoming Communities resolution.

Erin Grassi spoke in support of the City's Welcoming Communities resolution.

1. Consent Calendar

A. Approval of City Council Minutes

September 20, 2016 Regular Meeting

B. Ratification of Payment Demands

C. Waive Full Text Reading of All Ordinances and Resolutions on the Agenda

D. Award a Contract for the FY 2016-2017 Sewer Capital Improvements Project: Sewer Upsizing, Replacement and Maintenance

E. Second Amendment to Option Agreement between City of Lemon Grove and the San Diego Community Land Trust for 8084 Lemon Grove Way

Action: Motion by Councilmember Jones, seconded by Councilmember Mendoza, to approve the Consent Calendar passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Resolution No. 2016-283: Resolution of the Lemon Grove Sanitation District Board of Directors Awarding a Contract for the FY 2016-2017 Sewer Capital Improvement Project: Upsizing, Replacement, and Maintenance (Contract 2016-24)

Resolution No. 2016-3467: Resolution of the City Council of the City of Lemon Grove, California Approving an Amendment to an Option Agreement with the San Diego Community Land Trust for the Parcel Identified as 8084 Lemon Grove Way (APN) 475-450-19-00

2. Public Hearing to Consider Planned Development Permit PDP150-0003, Tentative Map TM0-000-0062, General Plan Amendment GPA-150-0003, and Zoning Amendment ZA1-500-0004 Authorizing a 24-Lot Subdivision and Construction of 20 Dwelling Units on 2.064 Acres at the Southwest Corner of Palm Street and Camino De Las Palmas

Eric Craig, reported that the property is a vacant 89,887 square foot (2.064 acre) parcel, which is a former Caltrans right-of-way that remained after construction of State Route (SR) 125. The proposed project is a request to 1) amend the General Plan Land Use Designation from Transportation to Medium Density Residential (up to 14 dwelling units per acre), 2) amend the Zoning District from Residential Low and Residential Low/Medium to Residential Medium, 3) approve a Tentative Subdivision Map to authorize a 24-lot subdivision, including 20 residential lots, one private street lot, and three common area lots, and 4) approve an associated Planned Development Permit for the site improvements. This staff report provides a description of the existing site, the proposed project and the conformance to the regulatory framework.

The project proposes 14 single-family units and three twin-homes (six attached units) for a total of 20 dwelling units.

It is designed to provide a common area park and two detached single-family residences located along the Palm Street cul-de-sac compatible with the single-family homes to the south along Camino De Las Palmas. Twelve additional detached single-family residences are located along the perimeter of the project site on top of the hill along Palm Street and Camino De Las Palmas. The remaining six dwelling units are composed of three twin-homes, which are grouped together in the center or interior of the site not visible from the public right-of-way. The subdivision proposes 20 residential lots ranging in size from 1,330 square feet to 11,237 square feet and four additional lots that include a lot for the private street, two lots providing a separate active and passive common area park, and a common private parking lot. The two common area parks have a combined area of 8,287 square feet that includes a 1,525 square foot turf area surrounded by a walking path on Lot B; and a 2,020 square foot active use area with a play structure, bench, barbecue grill, shade canopy, and picnic table on Lot D. Total net area of the development (excluding the private street) is 1.752 acres. The maximum density for the proposed Medium Residential land use designation is 14 dwelling units per acre, or a maximum of 24 dwelling units. The proposed density is 11.4 dwelling units per acre, 20 total dwelling units.

The proposed private street will take access from the cul-de-sac portion of Palm Street at two locations. The private street provides sidewalks on both sides with rolled curb and gutters. Required guest parking will be provided by a combination of on-street parallel parking (two spaces) and off-street parking areas (four spaces including one ADA-compliant space). Other improvements for the project include a project monument sign on the cul-de-sac portion of Palm Street, hardscape, landscaping and irrigation, lighting, a detention basin at the southeast corner of the site, a six-foot high sound wall behind the proposed units on Lots 1 through 7 and the common area park (Lot B), and stairs and a walkway that provide access from the project to Palm Street to the north.

The State has established Regional Housing Needs Allocation (RHNA) targets for each city in order to ensure adequate housing stock. RHNA targets create a threshold for cities in order to obtain grant and transportation funding. This project works towards the City's goals of meeting its RHNA allotment for market-rate housing or affordable to above-moderate income households. The project also meets housing policies of the Housing Element as it relates to promoting a mix of housing types and encouraging a balanced mix of housing.

The existing General Plan land use designation is Transportation, which provides for transportation facilities and associated rights-of-way. The proposed project includes a General Plan Amendment to re-designate the site from Transportation to Medium Density Residential (up to 14 dwelling units per acre). The General Plan Special Treatment Area overlay acknowledged that a future general plan amendment would be required after Caltrans sold excess right-of-way subsequent to construction of SR-125, and anticipated the same designation as adjacent properties. The residential properties directly across the Palm Street cul-de-sac to the south of the project are designated Low/Medium Density Residential (up to 7 du/ac). The properties across Palm Street to the north have a Transportation land use designation and further north and northwest have a Low Density Residential designation (up to 4 du/ac). The site is conducive to a higher density due to its location, which is on a high trafficked collector street, it is directly adjacent to a school on the west, and it is within a quarter mile of a bus stop which is located at Sweetwater Road and Troy Street. There is vacant Caltrans right-of-way across Camino De Las Palmas to the east and across Palm Street to the north.

The property is currently zoned Residential Low (up to 4 du/ac) and Residential Low-Medium (up to 7 du/ac). The project proposes a Zoning Amendment to Residential Medium (up to 14 du/ac).

The Lemon Grove Municipal Code allows applicants to request deviations from development standards through the Planned Development Permit process where it can be found that the project provides equivalent benefits and/or achieves efficiencies in use, structures, transportation and/or utility systems.

The applicant proposes a pedestrian-oriented infill development with a mix of housing types, large setbacks from Palm Street and Camino De Las Palmas, bicycle racks for each residence and sited throughout the development, two enhanced common area parks that provide recreational areas for the project, enhanced landscaping throughout the site, and residences that exceed energy efficiency standards. In order to accomplish this project design, the applicant requests various deviations from the Zoning and Subdivision Codes, including deviations to the building envelope, setbacks, lot size and dimensions, building height, and public street requirements.

Mr. Craig noted that some of the proposed building separations are under four feet and recommended removing condition B. 7 "A minimum four foot separation shall be provided between buildings and building posts and proposed retaining walls, freestanding walls and fences" from the resolution to approve the tentative map.

Mayor Sessom opened the public hearing.

Public Speaker(s)

Chris Dahrling, project applicant, provided an overview of the project and the revisions to the original proposal. Mark Brencick and Roger Basinger were available to answer questions.

Andy Lupenko expressed concerns with the project such as noise, traffic and density.

Donald Beyer provided the City Council with a photo of the area and expressed concerns with the project such as parking issues, traffic, height of the proposed residences, and density.

Action: Motion by Councilmember Jones, seconded by Councilmember Vasquez, to close the public hearing and adopt the resolution passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Resolution No. 2016-3468: Resolution of the City Council of the City of Lemon Grove, California Approving General Plan Amendment GPA-150-003 Amending the General Plan Land Use Designation from Transportation to Medium Density Residential for a Property Located at the Southwest Corner of Palm Street and Camino De Las Palmas, Lemon Grove, California

Action: Motion by Councilmember Jones, seconded by Councilmember Vasquez, to introduce Ordinance No. 440 for first reading by title, passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Ordinance No. 440: An Ordinance of the City Council of the City of Lemon Grove, California Approving Zoning Amendment ZA1-500-0004 Amending the Zoning District from Residential Low (RI) and Residential Low/Medium (RI/M) to Residential Medium (RM) for Property Located At The Southwest Corner Of Palm Street And Camino De Las Palmas, Lemon Grove, California

Action: Motion by Councilmember Jones, seconded by Mayor Pro Tem Gastil, to adopt the resolution with amendment passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Resolution No. 2016-3469: Resolution of the Lemon Grove City Council Approving Tentative Subdivision Map TM0-000-062 (Planned Development) Authorizing the Subdivision of a 2.064 Acre Parcel Into Twenty Residential Lots, One Common Lot for a Private Street, One Common

Lot for Parking, and Two Common Lots for Open Space on An Undeveloped Site at the Southwest Corner of Palm Street and Camino De Las Palmas, Lemon Grove, California

Action: Motion by Councilmember Jones, seconded by Councilmember Vasquez, to close the public hearing and adopt the resolution passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Resolution No. 2016-3470: Resolution of the Lemon Grove City Council Approving Planned Development Permit PDP-150-0003 Authorizing the Development of a Twenty Unit Planned Development on a 2.064 Acre Undeveloped Site at the Southwest Corner of Palm Street and Camino De Las Palmas, Lemon Grove, California

3. Revised General Fund Reserve Policy

Gilbert Rojas reported that on June 5, 2012, the City Council adopted Resolution No. 3111 that approved a General Reserve Policy. This policy was to ensure that the City maintained an appropriate reserve fund. The reserve was set at a goal of 25% of General Fund operating expenditures. However in recent years one time purchases have routinely been budgeted from the reserve fund.

During FY 16-17 budget adoption staff recommended that the reserve policy be updated to allow for the reserve fund to be used only for an economic emergency or a catastrophic event. One time expenditures will be budgeted each year in the non-departmental fund.

The revised policy will only allow transfers from the Reserve Fund by City Council resolution that address repayment of the funds (if under the 25% threshold). The policy revision will assist the City Council and the public in identifying the reserve funds.

Public Speaker(s)

There were no requests from the public to speak.

Action: Motion by Councilmember Mendoza, seconded by Councilmember Vasquez, to adopt the resolution passed, by the following vote:

Ayes: Sessom, Gastil, Jones, Mendoza, Vasquez

Resolution No. 2016 – 3471: Resolution of the City Council of the City of Lemon Grove, California Approving the Revised General Fund Reserve Policy

City Council Oral Comments and Reports on Meetings Attended at the Expense of the City. (GC 53232.3 (d))

Councilmember Jones attended recent SANDAG meetings and provided a report from the East County Chamber of Commerce legislative committee meeting where Measure V was discussed.

Councilmember Mendoza attended the Mexican Consulate Independence Day celebration, St. John of the Cross Fall Festival, and the 2nd Annual Lemon Grove Community Picnic.

Councilmember Vasquez attended the 2nd Annual Lemon Grove Community Picnic and reported on a recent LAFCO meeting.

Mayor Pro Tem Gastil East County Economic Development Council and 2nd Annual Lemon Grove Community Picnic.

City Manager and Department Director Reports

Gilbert Rojas stated that preliminary report for the General Fund net income is \$1,200,000, but is subject to revision during the City Audit. Also, the gas tax fund has a deficit of \$36, 000.

Chief McAlpine reported on that the Annual Fire Department's Open House and Pancake breakfast will be held on October 8, 2016.

Lt. May reported that the Sheriff's Department will be participating in the Walk to School Day.

Mayor Pro Tem added that he attended Grossmont High School's dedication for the Student Services and Arts building.

Adjournment

There being no further business to come before the City Council, Housing Authority, Sanitation District Board, Lemon Grove Roadway Lighting District Board, and the Lemon Grove Successor Agency the meeting was adjourned at 7:50 p.m.

Susan Garcia

Susan Garcia, City Clerk

City of Lemon Grove Demands Summary

Approved as Submitted:

Gilbert Rojas, Interim Finance Director
For Council Meeting: 10/18/16

ACH/AP Checks 09/26/16-10/10/16 788,757.59

Payroll - 09/27/16 127,547.84

Total Demands 916,305.43

Check No	Vendor No	Vendor Name	Check Date	Vendor Name	Check Amount	Check Amount
CHECK NO	INVOICE NO	VENDOR NAME	CHECK DATE	Description	INVOICE AMOUNT	CHECK AMOUNT
ACH	Aug16	San Diego County Sheriff's Department	09/26/2016	Law Enforcement Services - Aug'16	431,850.16	431,850.16
ACH	Sep15 16 Sep29 16	Southern CA Firefighters Benefit Trust	09/28/2016	LG Firefighters Benefit Trust 9/15/16 LG Firefighters Benefit Trust 9/29/16	876.85 876.85	1,753.70
ACH	Sep27 16	US Treasury	09/29/2016	Federal Taxes 9/27/16	32,292.49	32,292.49
ACH	Sep27 16	Employment Development Department	09/29/2016	State Taxes 9/27/16	7,678.05	7,678.05
ACH	46852081	WEX Wright Express Fleet Services	09/29/2016	Fuel - Fire Dept - Aug'16	853.61	853.61
ACH	Sep16	Colonial Life	09/29/2016	Colonial Optional Insurance -Sep16	1,111.29	1,111.29
ACH	Sep14-Sep27	Calpers Supplemental Income 457 Plan	09/30/2016	457 Plan 9/14/16-9/27/16	4,017.34	4,017.34
ACH	Nov16	Aflac	09/30/2016	AFLAC Insurance Nov'16	656.50	656.50
ACH	Sep16	Dharma Merchant Services	10/03/2016	Merchant Fees - Sep'16	320.03	320.03
ACH	Sep16	Power Pay Biz	10/03/2016	Online Credit Card Processing - Sep'16	52.66	52.66
ACH	Oct16	Pers Health	10/04/2016	Pers Health Insurance - Oct'16	52,540.20	52,540.20
ACH	Aug17-Sep13	California Public Empl Retirement System	10/04/2016	Pers Retirement 8/17/16-9/13/16	65,481.42	65,481.42
ACH	Sep16	Authorize Net	10/04/2016	Merchant Fees In-Store & Online - Sep'16	41.00	41.00
ACH	Refill 10/5/16	Pitney Bowes Global Financial Services LLC	10/05/2016	Postage Usage 10/5/16	250.00	250.00
6447	071816	A&A Appliances and Air Conditioning Repair	09/28/2016	Clothes Dryer Diagnosis - Fire	85.00	85.00
6448	9614	AdminSure	09/28/2016	Workers' Compensation Claims Administration- Oct 16	415.00	415.00
6449	Alvarez	Alvarez, Adriana	09/28/2016	Refund/Alvarez, Adriana/Deposit-LeeHouse-9/18/16	200.00	200.00
6450	L1072895QI	American Messaging	09/28/2016	Pager Replacement Program - 9/1/16 - 9/30/16	40.71	40.71
6451	5656407812	AutoZone, Inc.	09/28/2016	Diesel Exhaust Fluid	27.00	27.00
6452	4518205	Bearcom	09/28/2016	Portable Radios Monthly Contract 9/22/16-10/21/16	150.00	150.00
6453	4019999102	Canon Solutions America, Inc	09/28/2016	Canon Maintenance-Copier Usage 5/27/16-8/26/16	38.33	38.33
6454	FRS0000019 HCA0000160 HFTA000017	City of El Cajon	09/28/2016	Overtime Reimbursement - 8/24, 9/4 HCFA Assessments - QTR 2 FY16/17 HFTA Fees - QTR 2	3,484.53 62,484.00 4,887.00	70,855.53
6455	18808	City of La Mesa	09/28/2016	Household Hazardous Waste Event- 7/16/16	1,115.00	1,115.00
6456	1029 1030 1031 1032 1033 1034 1035	Clark Telecom & Electric Inc.	09/28/2016	Street Light Maintenance- Aug '16 Street Light Repairs- Aug '16 Street Light Dig Alert Mark Outs - Aug '16 Traffic Signal Maintenance- Aug '16 Traffic Signal Repairs - Aug '16 Traffic Signal Dig Alert Mark Outs - Aug '16 Monthly PM Repairs - Aug '16	141.76 400.15 617.24 1,170.00 1,765.67 925.00 718.66	5,738.48
6457	212254-16	County of San Diego- Environmental Health	09/28/2016	Unified Program Facility Permit Renewal- 10/31/16-10/31/17	292.00	292.00
6458	9/18/2016	Cox Communications	09/28/2016	City Manager/Copy Room Fax Line- 9/18/16-10/17/16	3.96	3.96
6459	De Loach	De Loach, Ray Anthony	09/28/2016	Refund/De Loach, Ray Anthony/Deposit & Rental- CC-9/30/16	510.00	510.00
6460	0816 03 9010	Dexter Wilson Engineering, Inc	09/28/2016	Sanitary Sewer Master Plan - Aug'16	17,687.50	17,687.50
6461	4630	Discount Signs and Banners	09/28/2016	Open House- Revise Dates/Replace Logo on Existing Banners	77.76	77.76
6462	0909162305 0923162305	Domestic Linen- California Inc	09/28/2016	Shop Towels & Safety Mats 9/9/16 Shop Towels & Safety Mats 9/23/16	96.40 96.40	192.80
6463	94295 77614C 91444C	Fire Etc.	09/28/2016	F-500 Encapsulator Suppression Agent Apply Credit on Inv77614- Duffle Bag Apply Credit on Inv91444- Hose Clamp & Hydrant Wrench	712.80 -102.55 -450.36	159.89

6464	9/9/16-9/9/17	Firefighters Research & Education	09/28/2016	Personal Exposure Record System- 9/9/16-9/9/17	300.00	300.00
6465	PettyCash-9/28	Gill Rojas or Brenda Wardrip	09/28/2016	Petty Cash- Frame - Retirement Proclamation- Sitta Perry Cash- Mileage - Molina 6/29/16-8/11/16 Petty Cash- Interview Panel Lunch- Asso Accountant Petty Cash- Livescan- Lawson, Carrasco Petty Cash- Office Supplies Petty Cash- Refreshments for New Hire Testing Proctors-Fire Petty Cash- Mileage- Tamimi 7/25/16-9/22/16 Petty Cash- AA Batteries Petty Cash- Copies - County Recorder Petty Cash- Tools & Supplies - PW Petty Cash- Daycamp Supplies Petty Cash- Linens - North Ave Groundbreaking	18.48 25.41 20.36 40.00 6.46 15.90 136.62 11.98 14.00 21.58 75.19 30.00	415.98
6466	9257	Infrastructure Engineering Corporation	09/28/2016	Prof Svc: LGA Realignment - 7/30/16-8/26/16	5,102.63	5,102.63
6467	136	Janazz, LLC SD	09/28/2016	Computer Maintenance - Sep16	2,747.99	2,747.99
6468	6796983	LEAF	09/28/2016	Ricoh C3502 Copier System- PW Yard - Sep '16	174.74	174.74
6469	07-2188 07-2187	Lemon Grove School District	09/28/2016	Fuel Services-PW: Aug'16 Fuel Services- Fire Stn- Aug 16	2,004.23 1,283.83	3,288.06
6470	Reimb: 9/7/16	Lewis, Charles	09/28/2016	Reimb: 2016 CFC/CBC Fire Alarm Systems Class	60.00	60.00
6471	INV46378 INV47709	LN Curtis & Sons	09/28/2016	Turnouts/Jackets- Pepin, Schroeder, Garmester Turnouts/Pants- Pepin, Schroeder, Garmester	3,562.15 2,533.68	6,095.83
6472	INV14631	Logiccopy	09/28/2016	Ricoh C3502 Copier Contract Charge- PW Yard- 9/7-10/6	51.61	51.61
6473	43048	McNamara Pump and Electric Inc	09/28/2016	Duplex Sewage Pump Station 6-Mo. Maint. Svc- 6794 Central	275.00	275.00
6474	201301 201303	Ninyo & Moore	09/28/2016	Valencia Inspection thru 8/29/16 Grove Lofts Inspection thru 8/26/16	921.50 411.50	1,333.00
6475	4867 4923 4949	North County EVS, Inc.	09/28/2016	E10- Service Call/Brake Inspection E210 Service & Safety Inspection E10- Service Call/ Fire Pump & PUC Pump Repair	294.00 6,003.33 1,184.11	7,481.44
6476	0284892	SCS Engineers	09/28/2016	Consulting Svc: LGA Realignment 8/1/16-8/31/16	234.00	234.00
6477	481553	South Coast Emergency Vehicle Services	09/28/2016	E10-Foam Pump Repair	1,557.65	1,557.65
6478	7760 7859 7862 7865 7866	Spring Valley Lawn Mower Shop	09/28/2016	Walk Behind Roller Repair Hedge trimmer Repair- HCA-2400 Hedge trimmer Repair- HCA-261 Trimmer Line Saw Chains	30.00 139.30 137.84 15.07 54.92	377.13
6479	Sep27 16	Vantage Point Transfer Agents-457	09/28/2016	ICMA Deferred Compensation Pay Period Ending 9/27/16	580.77	580.77
6480	0127760-IN	Vavrinek, Trine, Day & Co., LLP	09/28/2016	Grant Accounting Service- Jul 16	1,625.00	1,625.00
6481	9771388778 9771921967	Verizon Wireless	09/28/2016	Models- Cardiac Monitors - 8/4/16-9/3/16 City Phone Charges- 8/13/16-9/12/16	14.08 362.93	377.01
6482	76129379	Waxie Sanitary Supply	09/28/2016	Cleaning Supplies	772.36	772.36
6483	0166697 0166718	Zumar Industries, Inc	09/28/2016	Street Name Signs Street Name Signs- Attachments	2,741.58 946.90	3,688.48
6484	C1711	A-Pot Rentals	10/05/2016	Portable Restroom Rental 9/9/16-10/8/16	132.20	132.20
6485	1943128	American Fence Company Inc	10/05/2016	North & Olive Temp Fence Rental 9/17/16-10/16/16	113.40	113.40
6486	L1072895QJ	American Messaging	10/05/2016	Pager Replacement Program 10/1/16 - 10/31/16	40.70	40.70
6487	55745	Anthem Blue Cross EAP	10/05/2016	Employee Assistance Program - Oct 16	165.00	165.00
6488	8611791 8636289	AT&T	10/05/2016	Fire Telephone - 8/13/16 - 9/12/16 Fire Backup Phone Line - 8/22/16-9/21/16	79.28 37.77	117.05

6489	27721	Broadway Auto Electric	10/05/2016	Truck#23 Repair for Sign Truck Arrow Board	100.00	100.00
6490	AF071102	Cal Poly Corporation	10/05/2016	CLG General Plan Update- Payment Request #4	2,500.00	2,500.00
6491	1342 1342 1343 1344 1345 1399 1400	Clothing International, Inc.	10/05/2016	Protective Clothing - PW Orange Shirts, Pants & Caps Protective Clothing - PW Orange Shirts, Pants & Caps Protective Clothing - PW-Sanitation- Orange Shirts & Pants Protective Clothing - PW-Streets- Orange Shirts & Pants Protective Clothing - PW-Facilities- Orange Shirts & Pants Protective Clothing - Park Ranger Shirts & Pants Protective Clothing - PW-Eng.- Jacket Embroidery	708.12 492.08 1,171.80 1,188.00 459.65 197.38 10.76	4,227.79
6492	9/6/2016 9/19/2016 9/6/2016 9/4/2016	Cox Communications	10/05/2016	Calsense Modem Line:2259 Washington Ave 9/6/16-10/5/16 Phone/PW Yard/2873 Skyline- 9/19/16-10/18/16 Calsense Modem Line:7071 Mt Vernon- 9/6/16-10/5/16 Phone/Rec Ctr/ 3131 School Ln - 9/4/16 - 10/3/16	21.08 211.78 19.97 97.70	350.53
6493	3290 3291	D- Max Engineering Inc.	10/05/2016	1993 Dain Drive SWQMP 2nd Review thru 9/28/16 Vista Azul SWQMP Conference Call- thru 8/31/16	900.00 60.00	960.00
6494	9/12-15/16 9/19-22/16 9/26-29/16	Esgil Corporation	10/05/2016	75% Building Fees- 9/12/16-9/15/16 75% Building Fees- 9/19/16-9/22/16 75% Building Fees- 9/26/16-9/29/16	3,114.40 18,905.30 3,296.61	25,316.31
6495	INV1010963	George Hills Company	10/05/2016	Talton-Rivers/Ponce/McDonald Claim - Aug '16	780.20	780.20
6496	107683247	Globalstar USA, Inc.	10/05/2016	Satellite Service 8/16/16-9/15/16	95.88	95.88
6497	AR008102	Grossmont Union High School District	10/05/2016	Buses for Daycamp Trip - SDSU Swimming 8/3/16	469.00	469.00
6498	Julien	Julien, Sharon	10/05/2016	Refund/Julien, Sharon/Deposit- LBH-10/1/16	200.00	200.00
6499	Lee	Lee, Barbara	10/05/2016	Refund/Lee, Barbara/Deposit-RecCtr- 9/24/16	200.00	200.00
6500	080316	Lemon Grove Ornamental Iron Works	10/05/2016	Fence Panel for Skatepark Repair	850.00	850.00
6501	McBrayer	McBrayer, Marilyn	10/05/2016	Refund/McBrayer, Marilyn/Deposit-CC-10/3/16	200.00	200.00
6502	1053	Pacific Safety Center	10/05/2016	Annual Membership Renewal 11/1/16-10/31/17	145.00	145.00
6503	Oct 2016	PLIC- SBD Grand Island	10/05/2016	Dental Insurance - Oct16	4,960.08	4,960.08
6504	901-001	Precision Concrete Cutting	10/05/2016	Russan Lane Trip Hazard Removal	3,788.00	3,788.00
6505	Reynolds	Reynolds, Delores	10/05/2016	Refund/Reynolds, Delores/Deposit-CC-9/24/16	200.00	200.00
6506	9/21/2016 9/21/2016	SDG&E	10/05/2016	3225 Olive- 8/18/16-9/19/16 3500 1/2 Main- 8/18/16-9/19/16	164.05 73.44	237.49
6507	Oct2016	Standard Insurance Company	10/05/2016	Long Term Disability Insurance - Oct16	1,749.91	1,749.91
6508	4360021	US Bank- Corporate Trust Services	10/05/2016	Administration Fees - 7/1/16--6/31/17 - 2014 Refunding Tabs	2,200.00	2,200.00
6509	2989471-CA 2993153-CA	US HealthWorks Medical Group, PC	10/05/2016	Medical Exam - 9/7/16, 9/13/16 Medical Exam - 9/9/16	409.00 201.00	610.00
6510	9771922588 9772327469 9771921968	Verizon Wireless	10/05/2016	Mobile Broadband Access- 8/13/16-9/12/16 MDC Engine Tablets- 8/21/16-9/20/16 PW Tablets- 8/13/16-9/12/16	76.02 190.05 178.76	444.83
6511	71178305 71192275 71227074 71228563 71233942 71236393 71245382 71252951	Vulcan Materials	10/05/2016	Asphalt Asphalt Asphalt Asphalt Asphalt Asphalt Asphalt Asphalt	150.83 112.32 176.26 150.83 149.41 167.11 171.94 93.53	1,172.23
6512	Walden	Walden, Charles	10/05/2016	Refund/Walden, Charles/Deposit-LeeHouse-10/1/16	300.00	300.00
6513	118893	West Coast Arborists, Inc	10/05/2016	Tree Maintenance - 8/16/16-8/31/16	1,120.80	1,120.80
6514	28750	KTU + A Planning + Landscape Architecture	10/10/2016	Prof Serv: Main St Promenade Phase 2 - Aug1-31, 2016	1,985.10	1,985.10
					788,757.59	788,757.59

**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 1.D
Mtg. Date October 18, 2016
Dept. Public Works

Item Title: Approval of Program Supplement Agreement No. O89

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Recommendation:

Adopt a resolution (**Attachment A**) approving the execution of the Program Supplement No. O89 (**Attachment A – Exhibit 1**) to the Administering Agency-State Master Agreement No. 00281S (**Attachment A – Exhibit 2**).

Item Summary:

On March 25, 2016, the City applied for \$30,690 of State funds from the Systemic Safety Analysis Report Program (SSARP). The scope of the project will be consistent with the approach and objectives of the Strategic Highway Safety Plan in analyzing the entire roadway system in the City's jurisdiction, paying specific attention to areas with a higher level of severity and frequency of collision.

On May 24, 2016, the City received notification that it was awarded funding as requested. In order to request reimbursement for funds, California Department of Transportation requires the City to execute the Program Supplement Agreement No. O89 (**Attachment A - Exhibit 1**).

Staff recommends that the City Council adopt a resolution (**Attachment A**) approving the execution of the Program Supplement No. O89 to the Administering Agency-State Master Agreement No. 00281S.

Fiscal Impact:

None.

Environmental Review:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption, Section | <input type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input type="checkbox"/> Notice to property owners within 300 ft. |
| <input type="checkbox"/> Notice published in local newspaper | <input type="checkbox"/> Neighborhood meeting | |

Attachments:

A. Resolution

Attachment A

RESOLUTION NO. 2016 -

RESOLUTION OF THE LEMON GROVE CITY COUNCIL APPROVING THE EXECUTION OF THE PROGRAM SUPPLEMENT AGREEMENT NO. O89 TO THE ADMINISTERING AGENCY-STATE MASTER AGREEMENT NO. 00281S

WHEREAS, the City of Lemon Grove participates in public work projects that are funded with Federal and State monies; and

WHEREAS, the City applied for and received State grant funds via the Systemic Safety Analysis Report Program; and

WHEREAS, in order to be reimbursed for grant funded work Program Supplement Agreement No. O89 must be approved via a resolution of the governing body; and

WHEREAS, the City Council finds it in the public interest that the Program Supplement Agreement No. O89 to the Administering Agency-State Master Agreement No. 00281S (**Exhibit 2**) be adopted by resolution.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lemon Grove, California hereby:

1. Approves the Program Supplement Agreement No. O89 (**Exhibit 1**); and
2. Appoints the City Manager or her designee as the agent to conduct all negotiations, execute and submit all documents including, but not limited to applications, agreements, amendments, and payment requests, which may be necessary for the completion of the aforementioned project(s).

/////
/////

Attachment A – Exhibit 1

PROGRAM SUPPLEMENT NO. 089
to
ADMINISTERING AGENCY-STATE AGREEMENT
FOR STATE FUNDED PROJECTS NO 00281S

Adv Project ID **Date:** September 14, 2016
1117000042 **Location:** 11-SD-0-LMGR
Project Number: SSARPL-5418(022)
E.A. Number:
Locode: 5418

This Program Supplement, effective _____, hereby adopts and incorporates into the Administering Agency-State Agreement No. 00281S for State Funded Projects which was entered into between the ADMINISTERING AGENCY and the STATE with an effective date of _____ and is subject to all the terms and conditions thereof. This PROGRAM SUPPLEMENT is executed in accordance with Article I of the aforementioned Master Agreement under authority of Resolution No. _____ approved by the ADMINISTERING AGENCY on _____ (See copy attached).

The ADMINISTERING AGENCY further stipulates that as a condition to the payment by the State of any funds derived from sources noted below encumbered to this project, Administering Agency accepts and will comply with the Special Covenants and remarks set forth on the following pages.

PROJECT LOCATION:

In the City of Lemon Grove

TYPE OF WORK: Analyze City's roadway system at areas with high level of severity and collisions.

Estimated Cost	State Funds		LOCAL	Matching Funds	OTHER
\$34,100.00	STATE	\$30,690.00	\$3,410.00		\$0.00

CITY OF LEMON GROVE

By _____
Title _____
Date _____
Attest _____

STATE OF CALIFORNIA
Department of Transportation

By _____
Chief, Office of Project Implementation
Division of Local Assistance
Date _____

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance:

Accounting Officer *[Signature]* Date 9/16/16 \$30,690.00

Attachment A – Exhibit 1

11-SD-0-LMGR
SSARPL-5418(022)

09/14/2016

SPECIAL COVENANTS OR REMARKS

Chapter	Statutes	Item	Year	Program	BC	Category	Fund Source	AMOUNT

Attachment A – Exhibit 1

11-SD-0-LMGR
SSARPL-5418(022)

09/14/2016

SPECIAL COVENANTS OR REMARKS

1. All obligations of STATE under the terms of this Agreement are subject to the appropriation of resources by the Legislature and the encumbrance of funds under this Agreement. Funding and reimbursement are available only upon the passage of the State Budget Act containing these STATE funds.
2. Any State and Federal funds that may have been encumbered for this project are available for disbursement for limited periods of time. For each fund encumbrance the limited period is from the start of the fiscal year that the specific fund was appropriated within the State Budget Act to the applicable fund Reversion Date shown on the State approved project finance letter. Per Government Code Section 16304, all project funds not liquidated within these periods will revert unless an executed Cooperative Work Agreement extending these dates is requested by the ADMINISTERING AGENCY and approved by the California Department of Finance.

ADMINISTERING AGENCY should ensure that invoices are submitted to the District Local Assistance Engineer at least 75 days prior to the applicable fund Reversion Date to avoid the lapse of applicable funds. Pursuant to a directive from the State Controller's Office and the Department of Finance; in order for payment to be made, the last date the District Local Assistance Engineer can forward an invoice for payment to the Department's Local Programs Accounting Office for reimbursable work for funds that are going to revert at the end of a particular fiscal year is May 15th of the particular fiscal year. Notwithstanding the unliquidated sums of project specific State and Federal funding remaining and available to fund project work, any invoice for reimbursement involving applicable funds that is not received by the Department's Local Programs Accounting Office at least 45 days prior to the applicable fixed fund Reversion Date will not be paid. These unexpended funds will be irrevocably reverted by the Department's Division of Accounting on the applicable fund Reversion Date.

3. ADMINISTERING AGENCY agrees to comply with Office of Management and Budget (OMB) Circular A-87, Cost Principles for State and Local Governments, and 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments. Notwithstanding the foregoing, ADMINISTERING AGENCY shall not be required to comply with 49 CFR, Part 18.36 (i), subsections (3), (4), (5), (6), (8), (9), (12) and (13).
4.
 1. This PROJECT is funded with State-Only funding from the Systemic Safety Analysis Report Program (SSARP). ADMINISTERING AGENCY agrees to administer PROJECT in accordance with the SSARP Guidelines under which the project was selected.
 2. The ADMINISTERING AGENCY agrees to follow all relevant State laws and requirements including the California Environmental Quality Act (CEQA).
 3. This PSA allows reimbursement of eligible PROJECT expenditures to the ADMINISTERING AGENCY for which the SSARP State funds are allocated. The effective State allocation date establishes the eligibility date for the ADMINISTERING AGENCY to start reimbursable work. Any work performed prior the effective allocation

Attachment A – Exhibit 1

11-SD-0-LMGR
SSARPL-5418(022)

09/14/2016

SPECIAL COVENANTS OR REMARKS

date is not eligible for reimbursement from the SSARP funds.

4. ADMINISTERING AGENCY agrees that SSARP funds available for reimbursement will be limited to the amount allocated and encumbered by the STATE consistent with the scope of work in the STATE approved application. Funds encumbered may not be used for a modified scope of work after a project is awarded unless approved by the Statewide SSARP Coordinator prior to performing work.

5. ADMINISTERING AGENCY agrees to the program delivery and reporting requirements established by the SSARP Guidelines. The study and the Systemic Safety Analysis Report (SSAR) must be completed within thirty-six (36) months of the funding allocation. The Final Report of Expenditure, the final invoice and the SSAR report must be submitted to the DLAE within six (6) months of the report completion.

Attachment A – Exhibit 1

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
 PROGRAM SUPPLEMENT AND CERTIFICATION FORM
 PSCF (REV. 01/2010)

Page 1 of 1

TO: STATE CONTROLLER'S OFFICE Claims Audits 3301 "C" Street, Rm 404 Sacramento, CA 95816	DATE PREPARED 9/16/2016 REQUISITION NUMBER / CONTRACT NUMBER RQS 11170000085	PROJECT NUMBER 111700042
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FROM: **Department of Transportation**

SUBJECT: **Encumbrance Document**

VENDOR / LOCAL AGENCY:
 CITY OF LEMON GROVE

CONTRACT AMOUNT:
\$30,690.00

PROCUREMENT TYPE:
Local Assistance

CHAPTER	STATUTES	ITEM	YEAR	PEC / PECT	COE/Category	AMOUNT
10	2015	2660-102-0042	2015/2015	2030010550	2620/0420	\$30,690.00

ADA Notice: For individuals with sensory disabilities, this document is available in alternate formats. For information, call (915) 654 6410 of TDD (916) -3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Attachment A – Exhibit 2

MASTER AGREEMENT
ADMINISTERING AGENCY-STATE AGREEMENT FOR
STATE-FUNDED PROJECTS

11 City of Lemon Grove

District Administering Agency

Agreement No. 00281S

This AGREEMENT, is entered into effective this _____ day of _____, 2009, by and between the City of Lemon Grove, hereinafter referred to as "ADMINISTERING AGENCY," and the State of California, acting by and through its Department of Transportation (Caltrans), hereinafter referred to as "STATE", and together referred to as "PARTIES" or individually as a "PARTY."

RECITALS:

1. WHEREAS, the Legislature of the State of California has enacted legislation by which certain State funds are made available for use on local transportation related projects of public entities qualified to act as recipients of these state funds; and
2. WHEREAS, ADMINISTERING AGENCY has applied to the California Transportation Commission (CTC) and/or STATE for funding from either the State Transportation Improvement Program (STIP), or other State-funded programs (herein referred to as STATE FUNDS), as defined in the Local Assistance Program Guidelines (LAPG), for use on local authorized transportation related projects as a local administered project(s), hereinafter referred to as "PROJECT"; and
3. WHEREAS, said PROJECT will not receive any federal funds; and
4. WHEREAS, before STATE FUNDS will be made available for PROJECT, ADMINISTERING AGENCY and STATE are required to enter into an agreement to establish terms and conditions applicable to the ADMINISTERING AGENCY when receiving STATE FUNDS for a designated PROJECT facility and to the subsequent operation and maintenance of that completed facility.

NOW, THEREFORE, the PARTIES agree as follows:

Attachment A – Exhibit 2

ARTICLE I - PROJECT ADMINISTRATION

1. This AGREEMENT shall have no force or effect with respect to any program project unless and until a project-specific Program Supplement to this AGREEMENT for state funded projects, hereinafter referred to as "PROGRAM SUPPLEMENT", has been fully executed by both STATE and ADMINISTERING AGENCY.
2. The State approved project-specific allocation letter designate the party responsible for implementing PROJECT, type of work and location of PROJECT.
3. The PROGRAM SUPPLEMENT sets out special covenants as a condition for the ADMINISTERING AGENCY to receive STATE FUNDS from/through STATE for designated PROJECT. The PROGRAM SUPPLEMENT shall also show these STATE FUNDS that have been initially encumbered for PROJECT along with the matching funds to be provided by ADMINISTERING AGENCY and/or others. Execution of PROGRAM SUPPLEMENT by the PARTIES shall cause ADMINISTERING AGENCY to adopt all of the terms of this AGREEMENT as though fully set forth therein in the PROGRAM SUPPLEMENT. Unless otherwise expressly delegated in a resolution by the governing body of ADMINISTERING AGENCY, and with written concurrence by STATE, the PROGRAM SUPPLEMENT shall be approved and managed by the governing body of ADMINISTERING AGENCY.
4. ADMINISTERING AGENCY agrees to execute and return each project-specific PROGRAM SUPPLEMENT within ninety (90) days of receipt. The PARTIES agree that STATE may suspend future allocations, encumbrances and invoice payments for any on-going or future STATE FUNDED PROJECT performed by ADMINISTERING AGENCY if any project-specific PROGRAM SUPPLEMENT is not returned within that ninety (90) day period unless otherwise agreed by STATE in writing.
5. ADMINISTERING AGENCY further agrees, as a condition to the release and payment of STATE FUNDS encumbered for the PROJECT described in each PROGRAM SUPPLEMENT, to comply with the terms and conditions of this AGREEMENT and all of the agreed-upon Special Covenants or Remarks incorporated within the PROGRAM SUPPLEMENT, and Cooperative/Contribution Agreement where appropriate, defining and identifying the nature of the specific PROJECT.
6. STATE FUNDS will not participate in any portion of PROJECT work performed in advance of the effective date of the executed PROGRAM SUPPLEMENT for said PROJECT.
7. Projects allocated with STATE FUNDS from the STIP will be administered in accordance with the current CTC STIP Guidelines, as adopted or amended and in accordance with Chapter 23 of the Local Assistance Program Guidelines (LAPG) published by STATE.
8. Projects allocated with STATE FUNDS not programmed in the STIP will be administered in accordance with the applicable chapter of the LAPG and/or any other instructions published by STATE.
9. ADMINISTERING AGENCY's eligible costs for preliminary engineering work includes all preliminary work directly related to PROJECT up to contract award for construction, including, but not limited to, environmental studies and permits (E&P), preliminary surveys and reports, laboratory work, soil investigations, the preparation of plans, specifications and estimates (PS&E),

Attachment A – Exhibit 2

advertising for bids, awarding of a contract and project development contract administration.

10. ADMINISTERING AGENCY's eligible costs for construction engineering includes actual inspection and supervision of PROJECT construction work; construction staking; laboratory and field testing; and the preparation and processing of field reports, records, estimates, final reports, and allowable expenses of employees/consultants engaged in such activities.

11. Unless the PARTIES agree otherwise in writing, ADMINISTERING AGENCY's employees or its sub-contractor engineering consultant shall be responsible for all PROJECT engineering work.

12. ADMINISTERING AGENCY shall not proceed with final design of PROJECT until final environmental approval of PROJECT. Final design entails the design work necessary to complete the PS&E and other work necessary for a construction contract but not required earlier for environmental clearance of that PROJECT.

13. If PROJECT is not on STATE-owned right-of-way, PROJECT shall be constructed in accordance with Chapter 11 of the Local Assistance Procedures Manual (LAPM) that describes minimum statewide design standards for local agency streets and roads. The design standards for projects off the National Highway System (NHS) allow STATE to accept either the STATE's minimum statewide design standards or the approved geometric design standards of ADMINISTERING AGENCY. Additionally, for projects off the NHS, STATE will accept ADMINISTERING AGENCY-approved standard specifications, standard plans, materials sampling and testing quality assurance programs that meet the conditions described in the then current Local Assistance Procedures Manual.

14. If PROJECT involves work within or partially within STATE-owned right-of-way, that PROJECT shall also be subject to compliance with the policies, procedures and standards of the STATE Project Development Procedures Manual and Highway Design Manual and where appropriate, an executed cooperative agreement between STATE and ADMINISTERING AGENCY that outlines the PROJECT responsibilities and respective obligations of the PARTIES. ADMINISTERING AGENCY and its' contractors shall each obtain an encroachment permit through STATE prior to commencing any work within STATE rights of way or work which affects STATE facilities.

15. When PROJECT is not on the State Highway System (SHS) but includes work to be performed by a railroad, the contract for such work shall be prepared by ADMINISTERING AGENCY or by STATE, as the PARTIES may hereafter agree. In either event, ADMINISTERING AGENCY shall enter into an agreement with the railroad providing for future maintenance of protective devices or other facilities installed under the contract.

16. The Department of General Services, Division of the State Architect, or its designee, shall review the contract PS&E for the construction of buildings, structures, sidewalks, curbs and related facilities for accessibility and usability. ADMINISTERING AGENCY shall not award a PROJECT construction contract for these types of improvements until the State Architect has issued written approval stating that the PROJECT plans and specifications comply with the provisions of sections 4450 and 4454 of the California Government Code, if applicable. Further requirements and guidance are provided in Title 24 of the California Code of Regulations.

17. ADMINISTERING AGENCY shall provide or arrange for adequate supervision and inspection of each PROJECT. While consultants may perform supervision and inspection work for PROJECT with a fully qualified and licensed engineer, ADMINISTERING AGENCY shall provide a

Attachment A – Exhibit 2

full-time employee to be in responsible charge of each PROJECT.

18. Unless otherwise provided in the PROGRAM SUPPLEMENT, ADMINISTERING AGENCY shall advertise, award, and administer the PROJECT construction contract or contracts.

19. The cost of maintenance, security, or protection performed by ADMINISTERING AGENCY or contractor forces during any temporary suspension of PROJECT or at any other time may not be charged to the PROJECT.

20. ADMINISTERING AGENCY shall submit PROJECT-specific award information, using Exhibit 23-A of the LAPG, to STATE's District Local Assistance Engineer, within sixty (60) days after contract award. A copy of Exhibit 23-A shall also be included with the submittal of the first invoice for a construction contract by ADMINISTERING AGENCY to: Department of Transportation, Division of Accounting Local Programs Accounting Branch, MS #33, PO Box 942874, Sacramento, California 94274-0001.

21. ADMINISTERING AGENCY shall submit the final report documents that collectively constitute a "Report of Expenditures" within one hundred eighty (180) days of PROJECT completion. Failure by ADMINISTERING AGENCY to submit a "Report of Expenditures" within 180 days of project completion will result in STATE imposing sanctions upon ADMINISTERING AGENCY in accordance Chapters 17 and 19 of the Local Assistance Procedures Manual.

22. ADMINISTERING AGENCY shall comply with the Americans with Disabilities Act (ADA) of 1990 that prohibits discrimination on the basis of disability and all applicable regulations and guidelines issued pursuant to the ADA.

23. The Governor and the Legislature of the State of California, each within their respective jurisdictions, have prescribed certain nondiscrimination requirements with respect to contract and other work financed with public funds. ADMINISTERING AGENCY agrees to comply with the requirements of the FAIR EMPLOYMENT PRACTICES ADDENDUM, attached hereto as Exhibit A and further agrees that any agreement entered into by ADMINISTERING AGENCY with a third party for performance of work connected with PROJECT shall incorporate Exhibit A (with third party's name replacing ADMINISTERING AGENCY) as parts of such agreement.

24. ADMINISTERING AGENCY shall include in all subcontracts awarded when applicable, a clause that requires each subcontractor to comply with California Labor Code requirements that all workers employed on public works aspects of any project (as defined in California Labor Code sections 1720-1815) be paid not less than the general prevailing wage rates predetermined by the Department of Industrial Relations as effective at the date of contract award by the ADMINISTERING AGENCY.

Attachment A – Exhibit 2

ARTICLE II - RIGHTS OF WAY

1. No contract for the construction of a STATE FUNDED PROJECT shall be awarded until all necessary rights of way have been secured. Prior to the advertising for construction of PROJECT, ADMINISTERING AGENCY shall certify and, upon request, shall furnish STATE with evidence that all necessary rights-of-way are available for construction purposes or will be available by the time of award of the construction contract.

2. The furnishing of rights of way by ADMINISTERING AGENCY as provided for herein includes, and is limited to, the following, unless the PROGRAM SUPPLEMENT provides otherwise.

(a) Expenditures to purchase all real property required for PROJECT free and clear of liens, conflicting easements, obstructions and encumbrances, after crediting PROJECT with the fair market value of any excess property retained and not disposed of by ADMINISTERING AGENCY.

(b) The cost of furnishing of right-of-way as provided for herein includes, in addition to real property required for the PROJECT, title free and clear of obstructions and encumbrances affecting PROJECT and the payment, as required by applicable law, of damages to owners of remainder real property not actually taken but injuriously affected by PROJECT.

(c) The cost of relocation payments and services provided to owners and occupants pursuant to Government Code sections 7260-7277 when PROJECT displaces an individual, family, business, farm operation or nonprofit organization.

(d) The cost of demolition and/or the sale of all improvements on the right-of-way after credit is recorded for sale proceeds used to offset PROJECT costs.

(e) The cost of all unavoidable utility relocation, protection or removal.

(f) The cost of all necessary hazardous material and hazardous waste treatment, encapsulation or removal and protective storage for which ADMINISTERING AGENCY accepts responsibility and where the actual generator cannot be identified and recovery made.

3. ADMINISTERING AGENCY agrees to indemnify and hold STATE harmless from any liability that may result in the event the right-of-way for a PROJECT, including, but not limited to, being clear as certified or if said right-of-way is found to contain hazardous materials requiring treatment or removal to remediate in accordance with Federal and State laws. ADMINISTERING AGENCY shall pay, from its own non-matching funds, any costs which arise out of delays to the construction of PROJECT because utility facilities have not been timely removed or relocated, or because rights-of-way were not available to ADMINISTERING AGENCY for the orderly prosecution of PROJECT work.

Attachment A – Exhibit 2

ARTICLE III - MAINTENANCE AND MANAGEMENT

1. ADMINISTERING AGENCY will maintain and operate the property acquired, developed, constructed, rehabilitated, or restored by PROJECT for its intended public use until such time as the parties might amend this AGREEMENT to otherwise provide. With the approval of STATE, ADMINISTERING AGENCY or its successors in interest in the PROJECT property may transfer this obligation and responsibility to maintain and operate PROJECT property for that intended public purpose to another public entity.

2. Upon ADMINISTERING AGENCY's acceptance of the completed construction contract or upon contractor being relieved of the responsibility for maintaining and protecting PROJECT, ADMINISTERING AGENCY will be responsible for the maintenance, ownership, liability, and the expense thereof, for PROJECT in a manner satisfactory to the authorized representatives of STATE and if PROJECT falls within the jurisdictional limits of another Agency or Agencies, it is the duty of ADMINISTERING AGENCY to facilitate a separate maintenance agreement(s) between itself and the other jurisdictional Agency or Agencies providing for the operation, maintenance, ownership and liability of PROJECT. Until those agreements are executed, ADMINISTERING AGENCY will be responsible for all PROJECT operations, maintenance, ownership and liability in a manner satisfactory to the authorized representatives of STATE. If, within ninety (90) days after receipt of notice from STATE that a PROJECT, or any portion thereof, is not being properly operated and maintained and ADMINISTERING AGENCY has not satisfactorily remedied the conditions complained of, the approval of future STATE FUNDED PROJECTS of ADMINISTERING AGENCY will be withheld until the PROJECT shall have been put in a condition of operation and maintenance satisfactory to STATE. The provisions of this section shall not apply to a PROJECT that has been vacated through due process of law with STATE's concurrence.

3. PROJECT and its facilities shall be maintained by an adequate and well-trained staff of engineers and/or such other professionals and technicians as PROJECT reasonably requires. Said operations and maintenance staff may be employees of ADMINISTERING AGENCY, another unit of government, or a contractor under agreement with ADMINISTERING AGENCY. All maintenance will be performed at regular intervals or as required for efficient operation of the complete PROJECT improvements.

Attachment A – Exhibit 2

ARTICLE IV - FISCAL PROVISIONS

1. All contractual obligations of STATE are subject to the appropriation of resources by the Legislature and the allocation of resources by the CTC.
2. STATE'S financial commitment of STATE FUNDS will occur only upon the execution of this AGREEMENT, the execution of each project-specific PROGRAM SUPPLEMENT and/or STATE's approved finance letter.
3. ADMINISTERING AGENCY may submit signed duplicate invoices in arrears for reimbursement of allowable PROJECT costs on a monthly or quarterly progress basis once the project-specific PROGRAM SUPPLEMENT has been executed by STATE.
4. ADMINISTERING AGENCY agrees, as a minimum, to submit invoices at least once every six months commencing after the STATE FUNDS are encumbered on either the project-specific PROGRAM SUPPLEMENT or through a project-specific finance letter approved by STATE. STATE reserves the right to suspend future allocations and invoice payments for any on-going or future STATE FUNDED project performed by ADMINISTERING AGENCY if PROJECT costs have not been invoiced by ADMINISTERING AGENCY for a six-month period
5. Invoices shall be submitted on ADMINISTERING AGENCY letterhead that includes the address of ADMINISTERING AGENCY and shall be formatted in accordance with Chapter 5 of the LAPM.
6. Invoices must have at least one copy of supporting backup documentation for allowable costs incurred and claimed for reimbursement by ADMINISTERING AGENCY. Acceptable backup documentation includes, but is not limited to, agency's progress payment to the contractors, copies of cancelled checks showing amounts made payable to vendors and contractors, and/or a computerized summary of PROJECT costs.
7. Payments to ADMINISTERING AGENCY can only be released by STATE as reimbursements of actual allowable PROJECT costs already incurred and paid for by ADMINISTERING AGENCY.
8. An indirect cost allocation plan and related documentation are to be provided to STATE (Caltrans Audits & Investigations) annually for review and approval prior to ADMINISTERING AGENCY seeking reimbursement of indirect cost incurred within each fiscal year being claimed for reimbursement. The indirect cost allocation plan must be prepared in accordance with the requirements set forth in Office of Management and Budget Circular A-87 and Chapter 4 of the Local Assistance Procedures Manual.
9. STATE will withhold the greater of either two (2) percent of the total of all STATE FUNDS encumbered for each PROGRAM SUPPLEMENT or \$40,000 until ADMINISTERING AGENCY submits the Final Report of Expenditures for each completed PROGRAM SUPPLEMENT PROJECT.
10. The estimated total cost of PROJECT, the amount of STATE FUNDS obligated, and the required matching funds may be adjusted by mutual consent of the PARTIES with an allocation letter and finance letter. STATE FUNDING may be increased to cover PROJECT cost increases only if such additional funds are available and the CTC and/or STATE concurs with that increase in the form of an allocation and finance letter.

Attachment A – Exhibit 2

11. When such additional STATE FUNDS are not available, ADMINISTERING AGENCY agrees that any increases in PROJECT costs must be defrayed with ADMINISTERING AGENCY's own funds.

12. ADMINISTERING AGENCY shall use its own non STATE FUNDS to finance the local share of eligible costs and all PROJECT expenditures or contract items ruled ineligible for financing with STATE FUNDS. STATE shall make the final determination of ADMINISTERING AGENCY's cost eligibility for STATE FUNDED financing with respect to claimed PROJECT costs.

13. ADMINISTERING AGENCY will reimburse STATE for STATE's share of costs for work performed by STATE at the request of ADMINISTERING AGENCY. STATE's costs shall include overhead assessments in accordance with section 8755.1 of the State Administrative Manual.

14. STATE FUNDS allocated from the STIP are subject to the timely use of funds provisions enacted by Senate Bill 45, approved in 1997, and subsequent STIP Guidelines and State procedures approved by the CTC and STATE.

15. STATE FUNDS encumbered for PROJECT are available for liquidation only for five (5) years from the beginning of the State fiscal year when those funds were appropriated in the State Budget. STATE FUNDS not liquidated within these periods will be reverted unless a Cooperative Work Agreement (CWA) is submitted by ADMINISTERING AGENCY and approved by the California Department of Finance in accordance with Government Code section 16304. The exact date of fund reversion will be reflected in the STATE signed PROJECT finance letter.

16. Payments to ADMINISTERING AGENCY for PROJECT-related travel and subsistence (per diem) expenses of ADMINISTERING AGENCY forces and its contractors and subcontractors claimed for reimbursement or as local match credit shall not exceed rates authorized to be paid to rank and file STATE employees under current State Department of Personnel Administration (DPA) rules. If the rates invoiced by ADMINISTERING AGENCY are in excess of DPA rates, ADMINISTERING AGENCY is responsible for the cost difference, and any overpayments inadvertently paid by STATE shall be reimbursed to STATE by ADMINISTERING AGENCY on demand.

17. ADMINISTERING AGENCY agrees to comply with Office of Management and Budget (OMB) Circular A-87, Cost Principles for State and Local Governments, and 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

18. ADMINISTERING AGENCY agrees, and will assure that its contractors and subcontractors will be obligated to agree that (a) Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31, et seq., shall be used to determine the allowability of individual PROJECT cost items and (b) those parties shall comply with federal administrative procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments. Every sub-recipient receiving PROJECT funds as a contractor or sub-contractor under this AGREEMENT shall comply with Federal administrative procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments. ADMINISTERING AGENCY agrees to comply with the provisions set

Attachment A – Exhibit 2

forth in 23 CFR Parts 140, 645 and 646 when contracting with railroad and utility companies.

19. Any PROJECT costs for which ADMINISTERING AGENCY has received payment or credit that are determined by subsequent audit to be unallowable under OMB Circular A-87, 48 CFR, Chapter 1, Part 31, 23 CFR Parts 140, 645 and 646 or 49 CFR, Part 18, are subject to repayment by ADMINISTERING AGENCY to STATE.

20. Upon written demand by STATE, any overpayment to ADMINISTERING AGENCY of amounts invoiced to STATE shall be returned to STATE.

21. Should ADMINISTERING AGENCY fail to refund any moneys due STATE as provided herein or should ADMINISTERING AGENCY breach this AGREEMENT by failing to complete PROJECT without adequate justification and approval by STATE, then, within thirty (30) days of demand, or within such other period as may be agreed to in writing between the PARTIES hereto, STATE, acting through the State Controller, the State Treasurer, the CTC or any other public entity or agency, may intercept, withhold and demand the transfer of an amount equal to the amount paid by or owed to STATE for each PROJECT, from future apportionments, or any other funds due ADMINISTERING AGENCY from the Highway Users Tax Fund or any other sources of funds, and/or may also withhold approval of future STATE FUNDED projects proposed by ADMINISTERING AGENCY.

22. Should ADMINISTERING AGENCY be declared to be in breach of this AGREEMENT or otherwise in default thereof by STATE, and if ADMINISTERING AGENCY is constituted as a joint powers authority, special district, or any other public entity not directly receiving funds through the State Controller, STATE is authorized to obtain reimbursement from whatever sources of funding are available, including the withholding or transfer of funds, pursuant to Article IV - 21, from those constituent entities comprising a joint powers authority or by bringing of an action against ADMINISTERING AGENCY or its constituent member entities, to recover all funds provided by STATE hereunder.

23. ADMINISTERING AGENCY acknowledges that the signatory party represents the ADMINISTERING AGENCY and further warrants that there is nothing within a Joint Powers Agreement, by which ADMINISTERING AGENCY was created, if any exists, that would restrict or otherwise limit STATE's ability to recover STATE FUNDS improperly spent by ADMINISTERING AGENCY in contravention of the terms of this AGREEMENT.

Attachment A – Exhibit 2

ARTICLE V

AUDITS, THIRD PARTY CONTRACTING, RECORDS RETENTION AND REPORTS

1. STATE reserves the right to conduct technical and financial audits of PROJECT work and records when determined to be necessary or appropriate and ADMINISTERING AGENCY agrees, and shall require its contractors and subcontractors to agree, to cooperate with STATE by making all appropriate and relevant PROJECT records available for audit and copying as required by paragraph three (3) of Article V.

2. ADMINISTERING AGENCY, its contractors and subcontractors shall establish and maintain an accounting system and records that properly accumulate and segregate incurred PROJECT costs and matching funds by line item for the PROJECT. The accounting system of ADMINISTERING AGENCY, its contractors and all subcontractors shall conform to Generally Accepted Accounting Principles, enable the determination of incurred costs at interim points of completion, and provide support for reimbursement payment vouchers or invoices sent to or paid by STATE.

3. For the purpose of determining compliance with Title 21, California Code of Regulations, Chapter 21, section 2500 et seq., when applicable, and other matters connected with the performance and costs of ADMINISTERING AGENCY's contracts with third parties pursuant to Government Code section 8546.7, ADMINISTERING AGENCY, ADMINISTERING AGENCY's contractors and subcontractors, and STATE shall each maintain and make available for inspection and audit all books, documents, papers, accounting records, and other evidence pertaining to the performance of such contracts, including, but not limited to, the costs of administering those various contracts. All of the above-referenced parties shall make such AGREEMENT and PROGRAM SUPPLEMENT materials available at their respective offices at all reasonable times during the entire PROJECT period and for three (3) years from the date of final payment to ADMINISTERING AGENCY under any PROGRAM SUPPLEMENT. STATE, the California State Auditor, or any duly authorized representative of STATE or the United States, shall each have access to any books, records, and documents that are pertinent to a PROJECT for audits, examinations, excerpts, and transactions and ADMINISTERING AGENCY shall furnish copies thereof if requested.

4. ADMINISTERING AGENCY is required to have an audit in accordance with the Single Audit Act of OMB Circular A-133 if it receives a total of \$500,000 or more in STATE FUNDS in a single fiscal year. The STATE FUNDS received under PROGRAM SUPPLEMENT are a part of the Catalogue of Federal Domestic Assistance (CFDA) 20.205, Highway Planning and Research.

5. ADMINISTERING AGENCY agrees to include all PROGRAM SUPPLEMENTS adopting the terms of this AGREEMENT in the schedule of projects to be examined in ADMINISTERING AGENCY'S annual audit and in the schedule of projects to be examined under its single audit prepared in accordance with OMB Circular A-133.

6. ADMINISTERING AGENCY shall not award a construction contract over \$10,000 or other contracts over \$25,000 [excluding professional service contracts of the type which are required to be procured in accordance with Government Code sections 4525 (d), (e) and (f)] on the basis of a noncompetitive negotiation for work to be performed under this AGREEMENT without the prior written approval of STATE. All contracts awarded by ADMINISTERING AGENCY intended or used as local match credit must meet the requirements set forth in this AGREEMENT regarding local match funds.

Attachment A – Exhibit 2

7. Any subcontract entered into by ADMINISTERING AGENCY as a result of this AGREEMENT shall contain all of the provisions of Article IV, FISCAL PROVISIONS, and this ARTICLE V, AUDITS, THIRD-PARTY CONTRACTING, RECORDS RETENTION AND REPORTS and shall mandate that travel and per diem reimbursements and third-party contract reimbursements to subcontractors will be allowable as PROJECT costs only after those costs are incurred and paid for by the subcontractors.

8. To be eligible for local match credit, ADMINISTERING AGENCY must ensure that local match funds used for a PROJECT meet the fiscal provisions requirements outlined in ARTICLE IV in the same manner that is required of all other PROJECT expenditures.

9. In addition to the above, the pre-award requirements of third-party contractor/consultants with ADMINISTERING AGENCY should be consistent with LOCAL ASSISTANCE PROCEDURES.

Attachment A – Exhibit 2

ARTICLE VI - MISCELLANEOUS PROVISIONS

1. ADMINISTERING AGENCY agrees to use all PROJECT funds reimbursed hereunder only for transportation purposes that are in conformance with Article XIX of the California State Constitution and other California laws.
2. ADMINISTERING AGENCY shall conform to all applicable State and Federal statutes and regulations, and the Local Assistance Program Guidelines and Local Assistance Procedures Manual as published by STATE and incorporated herein, including all subsequent approved revisions thereto applicable to PROJECT unless otherwise designated in the project-specific executed PROJECT SUPPLEMENT.
3. This AGREEMENT is subject to any additional restrictions, limitations, conditions, or any statute enacted by the State Legislature or adopted by the CTC that may affect the provisions, terms, or funding of this AGREEMENT in any manner.
4. ADMINISTERING AGENCY and the officers and employees of ADMINISTERING AGENCY, when engaged in the performance of this AGREEMENT, shall act in an independent capacity and not as officers, employees or agents of STATE.
5. Each project-specific PROGRAM SUPPLEMENT shall separately establish the terms and funding limits for each described PROJECT funded under this AGREEMENT and that PROGRAM SUPPLEMENT. No STATE FUNDS are obligated against this AGREEMENT.
6. ADMINISTERING AGENCY certifies that neither ADMINISTERING AGENCY nor its principals are suspended or debarred at the time of the execution of this AGREEMENT, and ADMINISTERING AGENCY agrees that it will notify STATE immediately in the event a suspension or a debarment occurs after the execution of this AGREEMENT.
7. ADMINISTERING AGENCY warrants, by execution of this AGREEMENT, that no person or selling agency has been employed or retained to solicit or secure this AGREEMENT upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by ADMINISTERING AGENCY for the purpose of securing business. For breach or violation of this warranty, STATE has the right to annul this AGREEMENT without liability, pay only for the value of the PROJECT work actually performed, or in STATE's discretion, to deduct from the price of PROGRAM SUPPLEMENT consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.
8. In accordance with Public Contract Code section 10296, ADMINISTERING AGENCY hereby certifies under penalty of perjury that no more than one final unappealable finding of contempt of court by a federal court has been issued against ADMINISTERING AGENCY within the immediate preceding two (2) year period because of ADMINISTERING AGENCY's failure to comply with an order of a federal court that orders ADMINISTERING AGENCY to comply with an order of the National Labor Relations Board.
9. ADMINISTERING AGENCY shall disclose any financial, business, or other relationship with STATE that may have an impact upon the outcome of this AGREEMENT or any individual PROJECT encompassed within a PROGRAM SUPPLEMENT. ADMINISTERING AGENCY shall also list current contractors who may have a financial interest in the outcome of a PROJECT undertaken pursuant to this AGREEMENT.

Attachment A – Exhibit 2

10. ADMINISTERING AGENCY hereby certifies that it does not now have nor shall it acquire any financial or business interest that would conflict with the performance of any PROJECT initiated under this AGREEMENT.

11. ADMINISTERING AGENCY warrants that this AGREEMENT was not obtained or secured through rebates, kickbacks or other unlawful consideration either promised or paid to any STATE employee. For breach or violation of this warranty, STATE shall have the right, in its sole discretion, to terminate this AGREEMENT without liability, to pay only for PROJECT work actually performed, or to deduct from a PROGRAM SUPPLEMENT price or otherwise recover the full amount of such rebate, kickback, or other unlawful consideration.

12. Any dispute concerning a question of fact arising under this AGREEMENT that is not disposed of by agreement shall be decided by the STATE's Contract Officer, who may consider any written or verbal evidence submitted by ADMINISTERING AGENCY. The decision of the Contract Officer, issued in writing, shall be conclusive and binding on the PARTIES on all questions of fact considered and determined by the Contract Officer.

13. Neither the pending of a dispute nor its consideration by the Contract Officer will excuse the ADMINISTERING AGENCY from full and timely performance in accordance with the terms of this AGREEMENT and each PROGRAM SUPPLEMENT.

14. Neither STATE nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by ADMINISTERING AGENCY under or in connection with any work, authority or jurisdiction of ADMINISTERING AGENCY arising under this AGREEMENT. It is understood and agreed that ADMINISTERING AGENCY shall fully defend, indemnify and save harmless STATE and all of its officers and employees from all claims and suits or actions of every name, kind and description brought forth under, including but not limited to, tortious, contractual, inverse condemnation or other theories or assertions of liability occurring by reason of anything done or omitted to be done by ADMINISTERING AGENCY under this AGREEMENT.

15. Neither ADMINISTERING AGENCY nor any officer or employee thereof is responsible for any injury, damage or liability occurring by reason of anything done or omitted to be done by, under or in connection with any work, authority or jurisdiction arising under this AGREEMENT. It is understood and agreed that STATE shall fully defend, indemnify and save harmless the ADMINISTERING AGENCY and all of its officers and employees from all claims, suits or actions of every name, kind and description brought forth under, including but not limited to, tortious, contractual, inverse condemnation and other theories or assertions of liability occurring by reason of anything done or omitted to be done by STATE under this AGREEMENT.

16. In the event of (a) ADMINISTERING AGENCY failing to timely proceed with effective PROJECT work in accordance with the project-specific PROGRAM SUPPLEMENT; (b) failing to maintain any applicable bonding requirements; and (c) otherwise materially violating the terms and conditions of this AGREEMENT and/or any PROGRAM SUPPLEMENT, STATE reserves the right to terminate funding for that PROJECT upon thirty (30) days' written notice to ADMINISTERING AGENCY.

17. No termination notice shall become effective if, within thirty (30) days after receipt of a Notice of Termination, ADMINISTERING AGENCY either cures the default involved or, if the default is not reasonably susceptible of cure within said thirty (30) day period the ADMINISTERING

Attachment A – Exhibit 2

AGENCY proceeds thereafter to complete that cure in a manner and time line acceptable to STATE.

18. Any such termination shall be accomplished by delivery to ADMINISTERING AGENCY of a Notice of Termination, which notice shall become effective not less than thirty (30) days after receipt, specifying the reason for the termination, the extent to which funding of work under this AGREEMENT and the applicable PROGRAM SUPPLEMENT is terminated and the date upon which such termination becomes effective, if beyond thirty (30) days after receipt. During the period before the effective termination date, ADMINISTERING AGENCY and STATE shall meet to attempt to resolve any dispute. In the event of such termination, STATE may proceed with the PROJECT work in a manner deemed proper by STATE. If STATE terminates funding for PROJECT with ADMINISTERING AGENCY for the reasons stated in paragraph sixteen (16) of ARTICLE VI, STATE shall pay ADMINISTERING AGENCY the sum due ADMINISTERING AGENCY under the PROGRAM SUPPLEMENT and/or STATE-approved finance letter prior to termination, provided, however, ADMINISTERING AGENCY is not in default of the terms and conditions of this AGREEMENT or the project-specific PROGRAM SUPPLEMENT and that the cost of any PROJECT completion to STATE shall first be deducted from any sum due ADMINISTERING AGENCY.

19. In the case of inconsistency or conflicts with the terms of this AGREEMENT and that of a project-specific PROGRAM SUPPLEMENT and/or Cooperative Agreement, the terms stated in that PROGRAM SUPPLEMENT and/or Cooperative Agreement shall prevail over those in this AGREEMENT.

20. Without the written consent of STATE, this AGREEMENT is not assignable by ADMINISTERING AGENCY either in whole or in part.

21. No alteration or variation of the terms of this AGREEMENT shall be valid unless made in writing and signed by the PARTIES, and no oral understanding or agreement not incorporated herein shall be binding on any of the PARTIES.

IN WITNESS WHEREOF, the parties have executed this AGREEMENT by their duly authorized officer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

City of Lemon Grove

By _____

By _____

Chief, Office of Project Implementation
Division of Local Assistance

City of Lemon Grove
Representative Name & Title
(Authorized Governing Body Representative)

Date _____

Date _____

Attachment A – Exhibit 2

EXHIBIT A - FAIR EMPLOYMENT PRACTICES ADDENDUM

1. In the performance of this Agreement, ADMINISTERING AGENCY will not discriminate against any employee for employment because of race, color, sex, sexual orientation, religion, age, ancestry or national origin, physical disability, medical condition, marital status, political affiliation, family and medical care leave, pregnancy leave, or disability leave. ADMINISTERING AGENCY will take affirmative action to ensure that employees are treated during employment without regard to their race, sex, sexual orientation, color, religion, ancestry, or national origin, physical disability, medical condition, marital status, political affiliation, family and medical care leave, pregnancy leave, or disability leave. Such action shall include, but not be limited to, the following: employment; upgrading; demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. ADMINISTERING AGENCY shall post in conspicuous places, available to employees for employment, notices to be provided by STATE setting forth the provisions of this Fair Employment section.

2. ADMINISTERING AGENCY, its contractor(s) and all subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code, 1290-0 et seq.), and the applicable regulations promulgated thereunder (Cal. Code Regs., Title 2, 7285.0, et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code section 12900(a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this AGREEMENT by reference and made a part hereof as if set forth in full. Each of the ADMINISTERING AGENCY'S contractors and all subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreements, as appropriate.

3. ADMINISTERING AGENCY shall include the nondiscrimination and compliance provisions of this clause in all contracts and subcontracts to perform work under this AGREEMENT.

4. ADMINISTERING AGENCY will permit access to the records of employment, employment advertisements, application forms, and other pertinent data and records by STATE, the State Fair Employment and Housing Commission, or any other agency of the State of California designated by STATE, for the purposes of investigation to ascertain compliance with the Fair Employment section of this Agreement.

5. Remedies for Willful Violation:

(a) STATE may determine a willful violation of the Fair Employment provision to have occurred upon receipt of a final judgment to that effect from a court in an action to which ADMINISTERING AGENCY was a party, or upon receipt of a written notice from the Fair Employment and Housing Commission that it has investigated and determined that ADMINISTERING AGENCY has violated the Fair Employment Practices Act and had issued an order under Labor Code section 1426 which has become final or has obtained an injunction under Labor Code section 1429.

(b) For willful violation of this Fair Employment Provision, STATE shall have the right to terminate this Agreement either in whole or in part, and any loss or damage sustained by STATE in securing the goods or services thereunder shall be borne and paid for by ADMINISTERING AGENCY and by the surety under the performance bond, if any, and STATE may deduct from any moneys due

Attachment A – Exhibit 2

or thereafter may become due to ADMINISTERING AGENCY, the difference between the price named in the Agreement and the actual cost thereof to STATE to cure ADMINISTERING AGENCY's breach of this Agreement.

**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 2
Mtg. Date October 18, 2016
Dept. Development Services

Item Title: **Public Hearing to Consider General Plan Amendment GPA-140-0002 Amending the General Plan Community Development Element, Including the Land Use Plan, Creating a New Special Treatment Area (STA IX) for the Main Street Promenade Extension Project (Connect Main Street)**

Staff Contact: David De Vries, Development Services Director
Miranda Evans, Management Analyst

Recommendation:

1. Conduct a public hearing; and
2. Adopt a resolution (**Attachment B**) approving General Plan Amendment GPA-140-0002, certifying Mitigated Negative Declaration ND16-05, and accepting final deliverables from KTU+A.

Item Summary:

In 2014, the City received a SANDAG Smart Growth Incentive Program (SGIP) grant to fund the design and related studies for the Main Street Promenade Extension Planning Project (now named "Connect Main Street"). The project is an approximate two-mile-long corridor west of the Orange Line of the MTS trolley system that runs from Broadway to the south end of the City and includes walking and biking paths and park related activity areas. The project proposes a General Plan Amendment, including a new Special Treatment Area, to guide the future development and improvements that will occur within the project corridor consistent with the accepted vision, goals, and conceptual designs for the project. The conceptual design, 30% project design and related technical studies as outlined in KTU+A's Contract Scope of Work (**Attachment D**) have been completed to staff's satisfaction and the SANDAG SGIP Grant requirements. Environmental impacts will be mitigated to below a level of significance (**Attachment F**). The staff report outlines the proposed General Plan Amendment and final deliverables in detail.

Fiscal Impact:

Funded by the SGIP grant program.

Environmental Review:

- | | |
|---|--|
| <input type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption, Section | <input checked="" type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|---|---|--|
| <input type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input checked="" type="checkbox"/> Notice to property owners within 500 ft. |
| <input checked="" type="checkbox"/> Notice published in local newspaper | | <input checked="" type="checkbox"/> Tribal Government Consultation |

Attachments:

- | | |
|-----------------------------------|---|
| A. Staff Report | E. Michael Baker Int. Scope of Work |
| B. Resolution | F. Mitigated Negative Declaration ND16-05 |
| C. SANDAG Grant Agreement Excerpt | G. Exhibit "A"—Vol. I: Design Process |
| D. KTU+A Contract Scope of Work | H. Exhibit "B"—Vol. II: Conceptual Plans |

LEMON GROVE CITY COUNCIL STAFF REPORT

Item No. 2

Mtg. Date October 18, 2016

Item Title: Public Hearing to Consider General Plan Amendment GPA-140-0002 Amending the General Plan Community Development Element, Including the Land Use Plan, Creating a New Special Treatment Area (STA IX) for the Main Street Promenade Extension Project (Connect Main Street)

Staff Contact: David De Vries, Development Services Director
Miranda Evans, Management Analyst

Background:

On January 10, 2014, the City received a Notice to Proceed for a SANDAG Smart Growth Incentive Program (SGIP) grant for \$400,000. The grant funds a 30% design and related technical studies for the Main Street Promenade Extension Planning Project (now named "Connect Main Street"). The project area is an approximate two-mile-long corridor within the Main Street right-of-way and easement areas west of, and adjacent to, the Orange Line of the MTS San Diego Trolley system from Broadway to the south end of the City ending towards the end of San Altos Place. The project includes walking and biking paths and park related activity areas.

On January 21, 2014, the City Council selected citizen volunteers to participate as members of a working group. The Working Group originally consisted of five members and met for a year and a half as a part of the public outreach program.

On February 18, 2014, the City of Lemon Grove selected KTU+A to design the project and provide associated deliverables as outlined in the scope of work for the project (**Attachment D**).

After the March 2014 kick-off meeting, the consultant, working group and staff (team) completed numerous tasks including:

1. Conducting surveys, public workshops and an open house.
2. Generating videos and creating a website presence.
3. Preparing Technical Studies including:
 - Base map
 - Utility mapping
 - Real estate data and easements
 - Hazardous materials
 - Biological mapping
 - Cultural relevance
 - Drainage and flooding
 - Traffic counts
4. Analyzing data and interviewing stakeholders to understand opportunities and constraints for development of the linear park.

Attachment A

5. Preparing project alternatives and selecting a concept.

On September 16, 2014, City Council accepted the vision and goals for the project that are consistent with the SANDAG grant. The accepted vision and goals are incorporated verbatim into the proposed General Plan Amendment.

On June 26, 2015, the City was awarded \$364,500 in Housing-Related Parks program grant funds. Of which, \$279,500 have been earmarked for construction drawings and improvements within the Connect Main Street corridor.

On August 4, 2015, the City Council accepted the proposed project concept and directed staff to prepare a General Plan Amendment to incorporate the concept into the General Plan. The selected concept was generated from a series of alternatives and public outreach and measured against the adopted vision and goals. The concept plans include cross sections for each segment, thematic design districts, and themed amenities. Significant changes to the project site included themes throughout the corridor amongst six segments, street closures and one-way streets, trail and multi-use path concepts (design and location), amenities (picnic tables, shade structures, seating, trash receptacles, lighting, etc.); landscape improvements, creek restoration, park related activity areas (skate park, pump track, bouldering area, community gardens, dog parks, tot lot, exercise facilities, etc.), and park improvements at Civic Center Park. Public art is included throughout segments and in the form of gateway signs or monoliths, fence and wall art, and historic and natural art pieces and furnishings. Educational panels, similar to those in the existing Promenade Park, are also included and focus on mile- and date-markers, interpretive panels and kiosks.

On July 19, 2016, the City Council accepted a concept alternative for the segment between San Pasqual Street and Massachusetts Avenue to eliminate conflicts with SDG&E facilities and Union Pacific property. The City Council also directed staff to prepare a General Plan Amendment creating a new Special Treatment Area for the Connect Main Street Project.

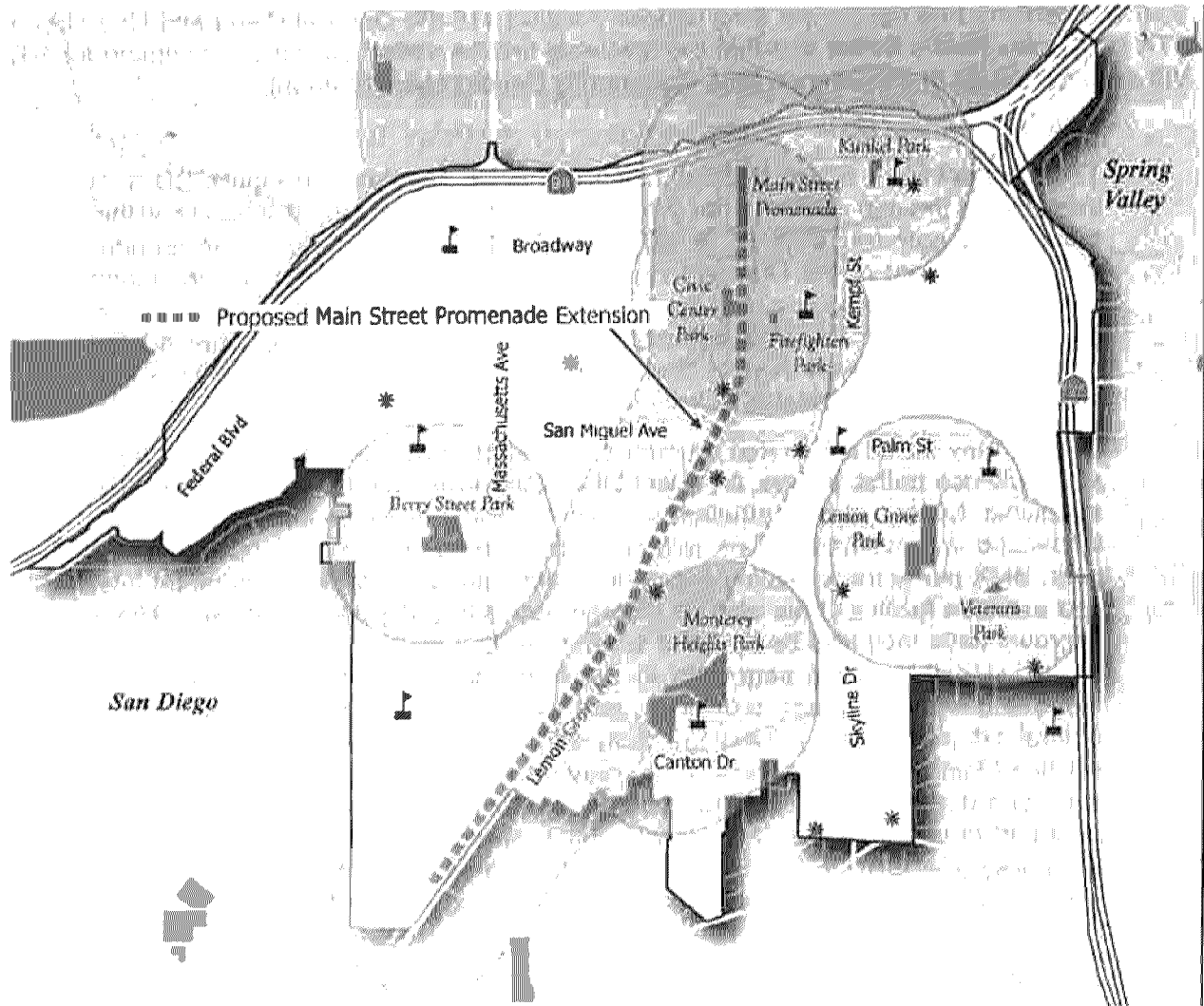
On August 16, 2016, the City Council received an overview presentation of Connect Main Street and provided feedback to staff. The City Council stipulated that the project should be constructed in segments and layers with the primary focus on constructing basic infrastructure improvements first. Specifically, sidewalks, the multi-use path, DG trails and shade related landscaping improvements should be completed prior to the installation of amenities like public art, themed activities and park related infrastructure.

On September 20, 2016, the City Council accepted a revised short-term plan, replacing the August 4, 2015 accepted short- and mid-term plans, for the segment from Broadway to Central Avenue. The purpose of the revisions were to eliminate street closures from the interim concept proposals and to enhance pedestrian mobility. As a part, the City Council approved a professional services agreement with Michael Baker International for the full construction drawings of the segment. The City Council provided direction that project phasing should include constructing basic infrastructure improvements first with phasing from north to south and then the remainder of the project improvements and amenities will be constructed thereafter from north to south.

Attachment A

Project Area:

The project area is an approximate two-mile long corridor that runs parallel and to the west of the San Diego Metropolitan Transit System (MTS) Orange Trolley Line from Broadway to the south end of the City and includes private properties, existing public rights-of-way (ROW) within or adjacent to Main Street, utility easement areas, and an adjacent drainage channel within the City of Lemon Grove, California. The project area includes utility easement areas behind the homes along the east side of San Altos Place. The project area between Broadway and Central Avenue and including the five properties south of Central Avenue west of Main Street are within the Downtown Village Specific Plan Area and Special Treatment Area I of the General Plan.



Attachment A

Discussion:

General Plan Amendment

Staff is proposing amendments to the General Plan Community Development Element, including amending the Land Use Plan (Figure CD-3), adding a new Special Treatment Area (STA) around the project area. The General Plan amendment includes a general description of Connect Main Street, the accepted vision and goals and guidelines for future improvements within the corridor. Staff believes the addition of a Special Treatment Area is sufficient to provide guidance for future development in the Connect Main Street corridor and the project will also be transferred into the draft Downtown Village Specific Plan Expansion and General Plan Update as appropriate.

Staff is proposing that the project area be incorporated into the General Plan Land Use Map as STA IX, Connect Main Street and that the following text be added after the description for STA VIII on page CD-32 of the General Plan Community Development Element:

STA IX, Connect Main Street

The Connect Main Street Special Treatment Area, illustrated in Figure CD-3, is intended to provide guidance for future development anticipated to occur within the project corridor. STA IX is an approximate two-mile-long linear corridor immediately west of the Orange Line of the MTS trolley system that runs along Main Street from Broadway to Massachusetts Avenue and then to the south end of the City through the Massachusetts Avenue Trolley Station and behind the residences on the east side of San Altos Place. STA IX includes walking and biking paths and park related activity areas.

STA IX may include a limited amount of street closures, one way streets, trails and multi-use paths, plazas, on-street bike boulevards, and other amenities such as picnic tables, shade structures, seating, trash receptacles, lighting, and landscape improvements. Park related activity areas such as a proposed skate park, BMX pump track, bouldering area, community gardens, dog parks, tot lots, and exercise facilities may also be incorporated along the project corridor. Minor improvements may also be included within Civic Center Park. Public art may also be included throughout segments in the form of gateway signs or monoliths, fence and wall art, street, crosswalk, and sidewalk finishing's, and historic and natural art pieces and furnishings. Educational panels, similar to those in the existing Main Street Promenade Park, may also be included. Other attributes like mile- and date-markers, wayfinding signage, interpretive panels and kiosks may be a part of the project. Key segments in the corridor, such as the area between Broadway and Central Avenue, will have the potential for temporary full street closures for special community events provided appropriate access to nearby properties are retained.

The project site includes six themes in a chronological arrangement that span the length of the two-mile corridor. The themes are an extension of the past, present, and future theme of the existing Main Street Promenade Park with a goal to go back in time from the 1900's to prehistoric times as you travel from the north end to the south end respectively. The themes may include, but are not limited to, the Early Pioneer Period, The Spanish/Mexican Period, The Kumeyaay Period, Natural Evolutionary Time Period, Weathering Forces Over Time Period and Geologic Time Periods. Although not accurately scaled in terms of time periods, using the geologic time period allows the concept to cover a longer distance, with

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most of the corridor being in the pre-historic period while the historic and modern segments represent a small portion of the corridor. These themes will be incorporated to provide a sense of place and could include themes for sidewalks, crosswalks, pavement, lighting, wayfinding signage, street signage, landscape, street amenities, public art, gateway signs, and recreational amenities to provide direction on future improvements along the corridor.

Vision

The vision is to create a community corridor that supports active lifestyles and transportation choices by providing a safe, beautiful, and sustainable linear parkway that connects people, places, and activities for generations to come.

Goals

1. Provide mobility options that support active healthy lifestyles;
2. Create a sense of place;
3. Enhance the natural environment;
4. Improve safety and access for all ages;
5. Improve connections between neighborhoods and business; and
6. Respect property and improve property values.

Guidelines for Future Development

Future development within Connect Main Street corridor shall conform to the following policies:

- ◇ Improvements should be consistent with the vision and goals.
- ◇ Project phasing shall include constructing basic infrastructure improvements first (e.g., pedestrian paths, storm drain systems, and shaded landscape) with phasing beginning at the north end continuing to the south end and then the remainder of the project improvements and amenities shall be constructed thereafter from north to south. Grant funding may require deviations from the phasing plan.
- ◇ All modes of transportation, including bicycling and skateboarding, shall be considered for all improvements.
- ◇ A six-foot wide decomposed granite (DG) trail shall be incorporated along the majority of the corridor.
- ◇ Wide separated bikeways and multi-use paths shall be encouraged where feasible. Bike routes with appropriate signage and markings shall be provided when separated paths are infeasible.
- ◇ Transitions to themed segments and the individual theme segments should evoke a sense of place and time.
- ◇ Defined entry and exit points shall be incorporated into each segment to create a sense of arrival within the given theme.
- ◇ Key segments in the corridor, such as the area between Broadway and Central Avenue, will have the potential for temporary full street closures for special community events provided appropriate access to nearby properties are retained.

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- ◇ Civic Center Park shall be improved, but will primarily retain its current open design to continue to allow for low intensity recreation while complementing the operations of the nearby H. Lee House and Parsonage Museum.
- ◇ Crime Prevention Through Environmental Design (CPTED) principles shall be incorporated into the design wherever possible.
- ◇ “Complete Streets” and “Green Streets” concepts and principles shall be strongly encouraged to be incorporated into final designs.
- ◇ Noise generating activities shall be appropriately mitigated when located near residences.
- ◇ Long-term maintenance costs shall be considered for all improvements.
- ◇ Technology should be utilized where feasible within the project corridor to best serve the users of today and tomorrow. For example, wayfinding signs should have the ability to be easily replaced and updated.
- ◇ Preserve the visual character of the topography through employment of sensitive grading techniques as feasible.
- ◇ As applicable, environmental mitigation measures identified through the preparation of an Initial Study shall be incorporated into projects associated with the corridor in compliance with CEQA requirements.

KTU+A Final Deliverables

The following table displays the deliverables outlined in the scope of work for the Connect Main Street project to be prepared by the consultants KTU+A, followed by the related SANDAG SGIP grant requirements and then the progress towards the completion. These deliverables have largely been compiled into two documents, Volume I: Design Process, which provides the background report for the project, and Volume II: Conceptual Plans, which provides the accepted conceptual plans, the 30% construction drawings, and City comments and Consultant recommendations which will guide the project's efforts as the 100% or final construction drawings are prepared and improvements are implemented. The community outreach, background report, conceptual design, 30% project design and related technical studies as outlined in KTU+A's Contract Scope of Work (**Attachment D**) have been completed to staff's satisfaction and the SANDAG SGIP Grant requirements. If the General Plan Amendment is approved, the contract requirements will be satisfied and final deliverables will be submitted to the City for final contract close-out and the City will forward final deliverables to SANDAG for final grant close-out.

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KTU+A Deliverable	SGIP Related Task (Deliverable)	Progress
<p>Community Outreach:</p> <ol style="list-style-type: none"> 1. Preparation and lead for workshops and public hearings; 2. Draft and final survey forms; 3. Incorporate feedback; 4. Attendance and participation in meetings; 5. Production of hand-outs and presentations; 6. Written and graphic record of workshops and public hearings. 	<p>Community Outreach and Workshop (Data/Comments)</p>	<p>Completed</p>
<p>Data Collection:</p> <ol style="list-style-type: none"> 1. Base Map compiling data in graphic form to support proposed design; 2. Copy of records with list of sources supporting base map; 3. Written record of stakeholder interviews. 	<p>Data Collection (Report/Memorandum)</p>	<p>Completed (pending AutoCAD files and D sheet submittal)</p>
<p>Technical Studies:</p> <ol style="list-style-type: none"> 1. Hydrology/Hydraulics Study; 2. Water Quality Report; 3. Traffic Study; 4. Historical Use and Hazardous Materials Assessment; 5. Preliminary Geotechnical Report; 6. Cultural Resource survey and Tribal Consultation; 7. Utility Assessment; 8. Other Studies. 	<p>Technical Studies (Studies)</p>	<p>Completed</p>
<p>Analysis of Data & Workshops:</p> <ol style="list-style-type: none"> 1. Constraints and Opportunities Map; 2. Written record of input and feedback. 	<p>Analysis of Data & Workshops (Report/Memorandum)</p>	<p>Completed</p>
<p>Draft Goals & Objectives:</p> <ol style="list-style-type: none"> 1. Written Vision Statement and Goals; 2. Identify policy area amendments; 3. Obtain City review and comment. 	<p>Draft Goals & Objectives (Goals & Objectives)</p>	<p>Completed</p>

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KTU+A Deliverable	SGIP Related Task (Deliverable)	Progress
Draft Park Concept: 1. Graphic draft park concept and boundaries; 2. Draft Pak Concept Design; 3. Draft phasing schedule;	Draft Park Concept ("D" Sheets)	Completed (pending D sheet submittal)
Prepare Memorandums of Understanding: 1. Record of agency participation and agreed upon solutions; 2. Draft Memorandums of Understanding.	N/A	Completed (pending minutes from agency meetings)
Environmental Clearance: 1. Draft initial study and environmental determination; 2. Public notices and records; 3. Response documentation; 4. Final Environmental documentation.	Environmental Clearance (Documentation)	Completed (pending filing of Notice of Determination)
General Plan Amendment: 1. Graphics and text for Amendment; 2. Final Environmental documentation;	General Plan Amendment (Ordinance)	Completed Drafted for Council Consideration (pending STA IX layer for GIS map)
Public Hearing at City Council Meeting 1. Presentation materials for public hearings; 2. Public hearing participation.	City Council Approval (Staff Report)	In Progress

Copies of all deliverables will be provided in their original format (e.g. AutoCAD, Word, Excel, etc.) upon final project close out. Appropriate D sheets (24" by 36") shall also be provided as appropriate.

Environmental Determination

A Mitigated Negative Declaration (MND) of Environmental Impact will be filed subsequent to the adoption and final approval of the proposed project by the City Council. The Initial Environmental Study prepared for this project identified potential impacts with appropriate mitigations associated with: Biological Resources, Cultural Resources, Hazards and Hazardous Materials, Noise, and Mandatory Findings of Significance. A draft MND was filed with the County Clerk prior to the City Council public hearing.

Public Information:

The Notice of Public Hearing was published in the September 22, 2016 edition of the East County Californian and mailed to all property owners within 500 feet of the project corridor.

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An AB52 and SB18 Native American Tribal Government Consultation was conducted pursuant to Government Code Sections 6540.2, 65092, 65351, 65352.3, 65352.4, 65562.5 et. seq. and appropriate mitigation is incorporated into the mitigated negative declaration.

City staff conducted several community presentations to stakeholder groups to share the project concept and to answer questions of residents and nearby property owners.

A webpage was created to engage the public (tinyurl.com/connectmain).

The City received no comments in response to the Notice of Public Hearing and Environmental Analysis at the time this staff report was prepared. Staff will provide the Council at the time of the public hearing with any comments that may come in past the distribution of the staff report.

Conclusion:

Staff recommends that the City Council conduct the public hearing and adopt a resolution (**Attachment B**) approving General Plan Amendment GPA-140-0002, certifying Mitigated Negative Declaration ND16-05 and accepting final deliverables from KTU+A.

Attachment B

RESOLUTION NO.

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LEMON GROVE, CALIFORNIA APPROVING GENERAL PLAN AMENDMENT GPA-140-0002 AMENDING THE GENERAL PLAN COMMUNITY DEVELOPMENT ELEMENT, INCLUDING THE LAND USE PLAN, CREATING A NEW SPECIAL TREATMENT AREA (STA IX) FOR THE MAIN STREET PROMENADE EXTENSION PROJECT (CONNECT MAIN STREET) LOCATED ALONG AN APPROXIMATE TWO-MILE LONG CORRIDOR THAT RUNS PARALLEL AND WEST OF THE SAN DIEGO METROPOLITAN TRANSIT SYSTEM ORANGE TROLLEY LINE FROM BROADWAY TO THE NORTHERN TERMINUS OF AKINS AVENUE WITHIN THE CITY OF LEMON GROVE, CALIFORNIA.

WHEREAS, the Connect Main Street Project will create a community corridor that supports active lifestyles and transportation choices in the City by providing a safe, beautiful, and sustainable linear parkway to connect people, places, and activities; and

WHEREAS, the Project area is an approximate two-mile long corridor that runs parallel and to the west of the San Diego Metropolitan Transit System (MTS) Orange Trolley Line from Broadway to the northern terminus of Akins Avenue and includes private properties, existing public rights-of-way (ROW) within or adjacent to Main Street, utility easement areas, and an adjacent drainage channel within the City of Lemon Grove; and

WHEREAS, the right-of-way along Main Street and the properties between the right-of-way on Main Street and the San Diego Metropolitan Transit System (MTS) Orange Trolley Line are within the Transportation Land Use Designation and are not within a zoning district; and

WHEREAS, the area between Broadway and Central Avenue and including the five properties south of Central Avenue west of Main Street are within the Downtown Village Specific Plan Area and Special Treatment Area I of the General Plan, which is a Civic land use designation; and

WHEREAS, the areas within Civic Center Park are within the Civic land use designation of the Downtown Village Specific Plan and are within the Civic Zoning District in the Downtown Village Specific Plan; and

WHEREAS, the utility easement areas behind the residences on the east side of San Altos Place are within the Low/Medium Density Residential Land Use Designation and the Residential Low/Medium Zoning District; and

WHEREAS, the Project includes walking and biking paths and may include street closures or one-way streets, trails and multi-use paths, plazas, on-street bike boulevards, open space, and park-related areas and amenities such as a skate park, bike pump track, bouldering area, community gardens, dog parks, tot lots, and exercise facilities; and

WHEREAS, the Project corridor would primarily serve as a travel way for pedestrians, bicyclists, and other non-motorized vehicles within a park-like setting, while maintaining emergency and utility access and access to residents; and

WHEREAS, the Project corridor includes six themes in a chronological arrangement (going back in time) that may include, but are not limited to, the Early Pioneer Period, the Spanish/Mexican Period, the Kumeyaay Period, the Natural Evolutionary Time Period, the Weathering Forces Over Time Period, and the Geologic Time Period; and

Attachment B

WHEREAS, on January 15, 2013, the City Council approved Resolution No. 2013-3158 authorizing the submittal of a grant application for the Main Street Promenade Extension Planning Project (City initiated); and

WHEREAS, on January 10, 2014, the City received a SANDAG Smart Growth Incentive Program (SGIP) Grant for \$400,000 to fund the 30% design and related technical studies for the Main Street Promenade Extension Planning Project, now named "Connect Main Street;" and

WHEREAS, on January 21, 2014, the City Council selected citizen volunteers to participate as members of a working group. The Working Group originally consisted of five members and met for a year and a half; and

WHEREAS, on February 18, 2014, the City of Lemon Grove selected KTU+A to design the project and provide associated deliverables; and

WHEREAS, on September 16, 2014, City Council accepted the vision and goals for the project that are consistent with the SANDAG SGIP Grant; and

WHEREAS, on June 26, 2015, the City was awarded \$364,500 in Housing-Related Parks Program (HRPP) grant funds. Of which, \$279,500 has been earmarked for construction drawings and improvements within the Connect Main Street corridor; and

WHEREAS, on August 4, 2015, the City Council accepted the proposed project concept for Connect Main Street and directed staff to prepare a General Plan Amendment to incorporate the concept into the General Plan; and

WHEREAS, the selected concept was generated from a series of alternatives and public outreach and measured against the adopted vision and goals. The concept plans include cross sections for each segment, thematic design districts, and themed amenities; and

WHEREAS, on July 19, 2016, the City Council accepted a concept alternative for the segment between San Pasqual Street and Massachusetts Avenue to eliminate conflicts with SDG&E facilities and Union Pacific property and directed staff to prepare a General Plan Amendment adding a new Special Treatment Area within the project area; and

WHEREAS, on September 20, 2016, the City Council accepted a revised short-term plan, replacing the August 4, 2015 accepted short- and mid-term plans, for the segment from Broadway to Central Avenue. The purpose of the revisions were to eliminate street closures from the interim concept proposals and to enhance pedestrian mobility. As a part, the City Council approved a professional services agreement with Michael Baker International for the full construction drawings of the segment. The City Council provided direction that project phasing should include constructing basic infrastructure improvements first with phasing from north to south and then the remainder of the project improvements and amenities will be constructed thereafter from north to south. Grant funding may require deviations from the phasing plan.

WHEREAS, on October 11, 2016 final deliverables from KTU+A were received to the satisfaction of staff thereby fulfilling grant requirements for closeout of the project; and

WHEREAS, a new Special Treatment Area will be incorporated into the General Plan Community Development Element will guide the future development of the project corridor; and

WHEREAS, a Mitigated Negative Declaration (MND) of Environmental Impact has been filed. The Environmental Initial Study prepared for this project found that the project would have no significant effect on the environment because identified potentially significant impacts associated with Biological Resources, Cultural Resources, Hazards and Hazardous Materials, Noise, and Mandatory Findings of Significance will be mitigated to below a level of significance.

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A notice of intent to adopt a mitigated negative declaration was filed with the County Clerk on September 22, 2016; and

WHEREAS, on October 18, 2016, a public hearing was duly noticed and held by the Lemon Grove City Council; and

WHEREAS, the City Council finds that the General Plan Amendment is in accordance with Government Code Sections 65350 to 65359 and is consistent with the goals and policies of the General Plan and Chapter 18.40 (General Plan Conformity) of the Municipal Code:

The Main Street Promenade Extension project includes a General Plan Amendment to create a Special Treatment Area to guide the future development of the six proposed segments that comprise the approximate two-mile long linear corridor. The site is conducive to this proposed use and is consistent with General Plan policies as follows:

1. Community Development Element Policy 1.7: Promote a healthy, family-oriented community through appropriate land use and development decisions.
2. Community Development Element Policy 4.4: Attract economic growth and increase property values by investing in public improvements throughout the City.
3. Community Development Element Policy 5.2: Establish identifiable gateways and community boulevards evoking a sense of arrival.
4. Community Development Element Policy 5.4: Create and maintain attractive public areas that contribute to a scenic community.
5. Community Development Element Policy 5.6: Consider the incorporation of art in public areas.
6. Conservation and Recreation Element Policy 11.2: Maximize the benefit of open spaces such as the trolley right-of-way, other undeveloped corridors, and plazas through enhanced landscaping and trails.
7. Health & Wellness Element Goal 1: Safe Connected Neighborhoods (associated objectives and policies included); and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lemon Grove, California hereby:

SECTION 1. Finds and determines that the facts set forth in the recitals of this Resolution are declared to be true; and

SECTION 2. Certifies the adequacy of the Mitigated Negative Declaration of Environmental Impact ND16-05; and

SECTION 3. Finds and determines that the project deliverables are completed per the scopes of work for the KTU+A Professional Services Agreement and for the SANDAG SGIP Grant Agreement to the satisfaction of City staff and the City Council and finds that the final deliverables fulfill the SANDAG SGIP Grant requirements; and

SECTION 4. Approves General Plan Amendment GPA-140-0002 amending the General Plan Community Development Element incorporating the Connect Main Street project into the General Plan and associated documents. This approval incorporates the project area into the General Plan Community Development Land Use Map (Figure CD-3) as "STA IX, Connect Main Street".

The project area is an approximate two-mile long corridor that runs parallel and to the west of the San Diego Metropolitan Transit System (MTS) Orange Trolley Line from Broadway to the

Attachment B

northern terminus of Akins Avenue in the City of San Diego and includes private properties, existing public rights-of-way (ROW) within or adjacent to Main Street, utility easement areas, and an adjacent drainage channel within the City of Lemon Grove, California. The project area includes utility easement areas behind the residents along the east side of San Altos Place. The subject property includes public ROW and utility easements that do not have a zoning classification and the project area is predominately designated as a Transportation Land Use Designation in the General Plan; however, improvements in and expansions to the Civic Center Park are designated as Civic land uses in the Downtown Village Specific Plan Land Use and Zoning Maps and the project area within the utility easements behind the residents on the east side of San Altos Place are designated as Low/Medium Density Residential on the General Plan Land Use Map and within the Low/Medium Density Residential Zoning District. The project area between Broadway and Central Avenue and including the five properties south of Central Avenue west of Main Street are within the Downtown Village Specific Plan Area and Special Treatment Area I of the General Plan.

Also, this General Plan amendment adds the following text after the description for STA VIII on page CD-32 of the General Plan Community Development Element:

STA IX, Connect Main Street

The Connect Main Street Special Treatment Area, illustrated in Figure CD-3, is intended to provide guidance for future development anticipated to occur within the project corridor. STA IX is an approximate two-mile-long linear corridor immediately west of the Orange Line of the MTS trolley system that runs along Main Street from Broadway to Massachusetts Avenue and then to the south end of the City through the Massachusetts Avenue Trolley Station and behind the residences on the east side of San Altos Place. STA IX includes walking and biking paths and park related activity areas.

STA IX may include a limited amount of street closures, one way streets, trails and multi-use paths, plazas, on-street bike boulevards, and other amenities such as picnic tables, shade structures, seating, trash receptacles, lighting, and landscape improvements. Park related activity areas such as a proposed skate park, BMX pump track, bouldering area, community gardens, dog parks, tot lots, and exercise facilities may also be incorporated along the project corridor. Minor improvements may also be included within Civic Center Park. Public art may also be included throughout segments in the form of gateway signs or monoliths, fence and wall art, street, crosswalk, and sidewalk finishing's, and historic and natural art pieces and furnishings. Educational panels, similar to those in the existing Main Street Promenade Park, may also be included. Other attributes like mile- and date-markers, wayfinding signage, interpretive panels and kiosks may be a part of the project. Key segments in the corridor, such as the area between Broadway and Central Avenue, will have the potential for temporary full street closures for special community events provided appropriate access to nearby properties are retained.

The project site includes six themes in a chronological arrangement that span the length of the two-mile corridor. The themes are an extension of the past, present, and future theme of the existing Main Street Promenade Park with a goal to go back in time from the 1900's to prehistoric times as you travel from the north end to the south end respectively. The themes may include, but are not limited to, the Early Pioneer Period, The Spanish/Mexican Period, The Kumeyaay Period, Natural Evolutionary Time Period, Weathering Forces Over Time Period and

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Geologic Time Periods. Although not accurately scaled in terms of time periods, using the geologic time period allows the concept to cover a longer distance, with most of the corridor being in the pre-historic period while the historic and modern segments represent a small portion of the corridor. These themes will be incorporated to provide a sense of place and could include themes for sidewalks, crosswalks, pavement, lighting, wayfinding signage, street signage, landscape, street amenities, public art, gateway signs, and recreational amenities to provide direction on future improvements along the corridor.

Vision

The vision is to create a community corridor that supports active lifestyles and transportation choices by providing a safe, beautiful, and sustainable linear parkway that connects people, places, and activities for generations to come.

Goals

1. Provide mobility options that support active healthy lifestyles;
2. Create a sense of place;
3. Enhance the natural environment;
4. Improve safety and access for all ages;
5. Improve connections between neighborhoods and business; and
6. Respect property and improve property values.

Guidelines for Future Development

Future development within Connect Main Street corridor shall conform to the following policies:

- ◇ Improvements should be consistent with the vision and goals.
- ◇ Project phasing shall include constructing basic infrastructure improvements first (e.g., pedestrian paths, storm drain systems, and shaded landscape) with phasing beginning at the north end continuing to the south end and then the remainder of the project improvements and amenities shall be constructed thereafter from north to south. Grant funding may require deviations from the phasing plan.
- ◇ All modes of transportation, including bicycling and skateboarding, shall be considered for all improvements.
- ◇ A six-foot wide decomposed granite (DG) trail shall be incorporated along the majority of the corridor.
- ◇ Wide separated bikeways and multi-use paths shall be encouraged where feasible. Bike routes with appropriate signage and markings shall be provided when separated paths are infeasible.
- ◇ Transitions to themed segments and the individual theme segments should evoke a sense of place and time.
- ◇ Defined entry and exit points shall be incorporated into each segment to create a sense of arrival within the given theme.
- ◇ Key segments in the corridor, such as the area between Broadway and Central Avenue, will have the potential for temporary full street

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closures for special community events provided appropriate access to nearby properties are retained.

- ◇ Civic Center Park shall be improved, but will primarily retain its current open design to continue to allow for low intensity recreation while complementing the operations of the nearby H. Lee House and Parsonage Museum.
- ◇ Crime Prevention Through Environmental Design (CPTED) principles shall be incorporated into the design wherever possible.
- ◇ "Complete Streets" and "Green Streets" concepts and principles shall be strongly encouraged to be incorporated into final designs.
- ◇ Noise generating activities shall be appropriately mitigated when located near residences.
- ◇ Long-term maintenance costs shall be considered for all improvements.
- ◇ Technology should be utilized where feasible within the project corridor to best serve the users of today and tomorrow. For example, wayfinding signs should have the ability to be easily replaced and updated.
- ◇ Preserve the visual character of the topography through employment of sensitive grading techniques as feasible.
- ◇ As applicable, environmental mitigation measures identified through the preparation of an Initial Study shall be incorporated into projects associated with the corridor in compliance with CEQA requirements.

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Excerpt from SANDAG SGIP Grant Agreement

ATTACHMENT A

SCOPE OF WORK, SCHEDULE, AND APPROVED PROJECT BUDGET

TransNet SMART GROWTH INCENTIVE GRANT PROGRAM SCOPE OF WORK, BUDGET, & SCHEDULE (FY 2013 Cycle)

Project Title: Main Street Promenade Extension Project
 Project Type: Planning

Project Location/Limits:

The Project area limits is the public right-of-way adjacent to the westerly side of the MTS/SDAE right-of-way from Broadway on the north to the City of Lemon Grove's southern boundary with the City of San Diego

Project Description:

The Main Street Promenade Extension Project would create a plan for a north/south travelway in existing public rights-of-ways for pedestrians and bicyclists.

Contract No.: SANDAG Use Only
 Project (TNet) No.: SANDAG Use Only

Task No	Task Description	Deliverables	Start Date*	Completion Date*	Duration	SANDAG Funds	Matching Funds	TOTAL
1	Consultant Selection & Admin.	RFP/ Agreement	NTP Date	5 Months	5 Months	\$27,270	\$2,730	\$30,000
2	Community Outreach & Workshop	Data/ Comments	5 Months	8 Months	3 Months	\$63,630	\$6,370	\$70,000
3	Data Collection	Report/ Memorandum	5 Months	8 Months	3 Months	\$27,270	\$2,730	\$30,000
4	Analysis of Data & Workshops	Report/ Memorandum	5 Months	9 Months	4 Months	\$9,100	\$900	\$10,000
5	Technical Studies	Studies	5 Months	11 Months	6 Months	\$147,000	\$14,700	\$161,700
6	Draft Goals & Objectives	Goal & Objectives	6 Months	10 Months	4 Months	\$13,640	\$1,370	\$15,010
7	Draft Park Concept	"D" Sheets	10 Months	13 Months	3 Months	\$72,720	\$7,280	\$80,000
8	Environmental Clearance	Documentation	13 Months	23 Months	10 Months	\$25,720	\$2,570	\$28,290
9	General Plan Amendment	Ordinance	16 Months	23 Months	7 Months	\$9,100	\$900	\$10,000
10	City Council Approval	Staff Report	23 Months	24 Months	1 Month	\$4,550	\$450	\$5,000
	Project Completion		NTP Date	24 Months	24 Months			
TOTALS						\$400,000	\$40,000	\$440,000

*Start Date and Completion Dates are all tracked from NTP Date

PROJECT REVENUES

Source	FY 2014	FY 2015	FY 2016	TOTAL
SGIP/ TransNet	\$249,770	\$140,508	\$9,722	\$400,000
Other	\$24,976	\$14,058	\$966	\$40,000
TOTALS	\$274,746	\$154,566	\$10,688	\$440,000

TransNet MPO ID NO.V10

KTU+A Contract Scope of Work

SCOPE OF WORK

The consultant team shall perform the following list of tasks (not necessarily in order) related to the development of a plan for its Main Street Promenade Extension Project.

1. Community Outreach – Community outreach is to be implemented for all workshops, meetings, public hearings and other methods proposed by the consultant team. Generate a presence on the City's website, in social media, articles in the newsletter, direct mailings to individuals and civic and public interest groups. Conduct workshops and/or surveys to obtain input, gain knowledge and solicit feedback and other methods as proposed by the consultant team. Collaborate with staff to consider schedule and tasks for the volunteer working group (selected by City Council) to obtain advice, knowledge, review and recommendations on the project. Staff foresees a minimum of two workshops (not including public hearings at Planning Commission and City Council).

Deliverables:

- *Preparation and lead for workshops and public hearings;*
 - *Draft and final survey forms (if recommended);*
 - *Incorporate feedback into subsequent workshops, materials, presentations;*
 - *Attendance and participation in all community-wide meetings;*
 - *Production of any hand-outs and PowerPoint presentations; and*
 - *Written and graphic record of workshops and public hearings.*
2. Data Collection – Document existing conditions. A base map must be generated and will be a compilation of data obtained from but not limited to: records research, land survey, interviews with stakeholders (MTS, SANDAG, property owners, easement holders, utility companies, City staff, etc.). The base map shall include the following illustrated information to be submitted to the City in AutoCAD format and D Sheets:
 - Property and right of way lines described with metes and bounds.
 - Existing right-of-way location and dimensions including Main Street, intersecting roadways, and other contiguous public rights-of-way (MTS, SDAE, etc.).
 - Utility locations annotated with size, type, depth (record search), overhead utilities and type including but not limited to water, sanitation sewer, irrigation, fiberoptics, drainage, power, cable, data, and telephone.
 - Utility easements annotated with width and recordation data.
 - Private and public parcels contiguous to Main Street right-of-way annotated with property owner name, Assessor Parcel Numbers, Zone, Land Use Designation, size, and access (location and improvements).

Attachment D

- Topography shown in 2' increments.
- Existing street improvements including but not limited to curb, gutter sidewalks, and mature street trees (crowns).
- Other topics as recommended by the consulting team.

Deliverables:

- *Base map (draft and final) compiling data in graphic form (AutoCAD electronic files and D Sheets) to support proposed design;*
- *Copy of records with list of sources supporting base map; and*
- *Written record of stakeholder interviews.*

3. Prepare and coordinate subconsultants (if any) on Technical Studies to inform project design and to identify mitigation measures consistent with the CEQA. Consultant shall ensure that subconsultants are familiar with Base Map (Item 2 and acknowledge accuracy for study purposes). The technical studies shall be incorporated into the environmental review identified in Item #8 below.

Deliverables (2 draft and 2 final printed versions and electronic copies):

- *Hydrology/Hydraulics Study;*
- *Water Quality Report;*
- *Traffic Study;*
- *Historical Use and Hazardous Materials Assessment (Phase I);*
- *Preliminary Geotechnical Survey*
- *Cultural Resource survey and Tribal Consultation*
- *Utility Assessment, and*
- *Other studies recommended by consultant team.*

4. Analysis of Data & Workshops. Generate a constraints and opportunities map. Present draft conceptual project boundaries during workshops. Obtain community and stakeholder input and solicit feedback.

Deliverables:

- *Draft constraints and opportunities map with draft project boundaries for presentation and records;*
- *Written record of input and feedback.*

5. Draft Goals & Objectives – Develop concept vision statement and draft goals/objectives, based on community input, surveys, stakeholders and feedback. Evaluate the draft goals and objectives against the existing General Plan and identify proposed amendments.

Deliverables:

- *Written vision statement and statement of goals and objectives;*
- *Identify policy areas of the General Plan to be referenced as is or requires amendments; and*
- *Obtain City review and comment.*

6. Draft Park Concept – Generate preliminary engineering and design (design development or 30% horizontal and vertical) documents, conceptual landscape plan, showing all proposed improvements consistent with applicable regulations including ADA/accessibility requirements and landscape ordinances. Prepare preliminary construction and maintenance cost estimates (spreadsheet), implementation plan, potential funding sources and phasing schedule. Identify future construction permitting and/or entitlement requirements (ACOE, CDFW, USFW, RWQCB, Caltrans, CPUC, private parties, etc). Recommend final project boundaries and/or alternatives. The concept plan documents shall be in CAD format and D Sheets and text, spreadsheets shall be generated in a program compatible with City programs (editable).

Deliverables:

- *Graphic draft park concept and boundaries (alternatives if appropriate) to City Staff for review.*
 - *Draft Park Concept Design – includes Preliminary Engineering and Design documents, conceptual landscape plan, (30% horizontal and vertical) utilizing base map document;*
 - *Draft phasing schedule identifying interrelated phases, required order of construction (if any), independent segments, future construction permitting requirements, Preliminary construction and maintenance costs, implementation plan, potential funding sources.*
7. Prepare memorandum(s) of understanding for execution between the City of Lemon Grove and those stakeholder agencies identified during the project (i.e., MTS, SDG&E, Helix Water, etc.) to memorialize participation and agreed upon solutions reached during the course of preliminary design. The agreements shall require the commitment of each entity to participate in the phasing, design and construction of the project consistent with preliminary design decisions.

Deliverables:

- *Record of agency participation and agreed upon solutions.*
 - *Draft memorandums of understanding for City review.*
8. Environmental Clearance – Conduct environmental review and analysis consistent with the California Environmental Quality Act (CEQA) including the discussion of all issue areas, evaluation of environmental impacts (if any), identification of potential mitigation measures (if any), analysis of appropriate project alternatives, and statements of facts and findings in relationship to the existing MEIR.

Deliverables:

- *Draft initial study and environmental determination for city review;*
- *Notices and records;*
- *Response documentation;*
- *Final environmental documentation.*

Attachment D

9. General Plan Amendment – The Promenade Plan will result in a General Plan Amendment incorporating the final concept. The General Plan Amendment and final concept will provide the guidance for the development of construction documents, cost estimates and phasing of the development. The amendment must propose revisions to the Mobility Plan, but may also include revisions to the Health Element (underway), Conservation and Recreation Element, Community Development Element, STA II discussion, and Bicycle Master Plan. Environmental Mitigation measures shall be identified and included into the proposed General Plan Amendment in compliance with CEQA.

Deliverables:

- *Graphics and text for the amendment insert in the General Plan (Exhibit A); and*
- *Final environmental documentation.*

10. Public Hearings at Planning Commission and City Council. A minimum of two public hearings to obtain Planning Commission advice and City Council approval of the General Plan Amendment. Assist in the preparation of the Staff Report and participate as lead presenter of the proposed project. Prepare graphics and text for presentation and insertion into the General Plan. All materials must be provided in an electronic format compatible to existing City software programs (editable).

Deliverables:

- *Presentation materials for public hearings at the Planning Commission and City Council; and*
- *Participate in public hearing presentations.*

ATTACHMENT A

SCOPE OF WORK, SCHEDULE, AND APPROVED PROJECT BUDGET

TransNet SMART GROWTH INCENTIVE GRANT PROGRAM SCOPE OF WORK, BUDGET, & SCHEDULE (FY 2013 Cycle)

Project Title: Main Street Promenade Extension Project
 Project Type: Planning

Project Location/Work Area

The Project area is the public right-of-way adjacent to the west side of the MTS/SDAG right-of-way from Broadway on the north to the City of Lemon Grove's southern boundary with the City of San Diego.

Project Description

The Main Street Promenade Extension Project would provide a safe, low-impact, south-to-north link to existing public transportation for cyclists, strollers, and bicyclists.

Contract #: _____ SANDAG Use Only
 Project (TNE) #: _____ SANDAG Use Only

Task No.	Task Description	Deliverables	Start Date*	Completion Date*	Duration	SANDAG Funds	Assisting Funds	TOTAL	
1	Construction Estimate & Admin	RFP/ Estimates	NTP Date	5 Months	5 Months	\$37,370	\$1,710	\$39,080	
2	Community Outreach & Assistance	Call/ Community	15 Months	8 Months	3 Months	\$23,570	\$6,370	\$30,000	
3	Design Concepts	Report/ Memorandum	15 Months	8 Months	3 Months	\$27,470	\$2,770	\$30,000	
4	Analysis of Data & Information	Report/ Memorandum	15 Months	9 Months	6 Months	\$9,100	\$0	\$9,100	
5	Final Design	Drawings	15 Months	11 Months	6 Months	\$145,000	\$19,700	\$164,700	
6	Final Costs & Objectives	Cost & Objectives	16 Months	10 Months	4 Months	\$13,600	\$1,770	\$15,370	
7	Final Plan CD/Spec	CD/Spec	18 Months	13 Months	3 Months	\$72,700	\$9,200	\$81,900	
8	Final/Construction Estimate	Documentation	18 Months	13 Months	3 Months	\$24,700	\$2,770	\$27,470	
9	Final Plan Implementation	Distance	18 Months	13 Months	7 Months	\$8,100	\$0	\$8,100	
10	Final Report Approval	Staff Report	23 Months	14 Months	1 Month	\$0	\$3,000	\$3,000	
	Final Completion		NTP Date	14 Months	14 Months				
						FY Total	\$400,000	\$40,000	\$440,000

*Start Date and Completion Dates are all tracked from NTP Date

Project (TNE) #	FY 2014	FY 2013	FY 2012	TOTAL
201001000000	\$169,170	\$167,100	\$8,720	\$345,000
201001000000	\$24,000	\$14,000	\$800	\$38,800
201001000000	\$370,240	\$190,400	\$10,000	\$570,640

TransNet MPO ID NO V10

Michael Baker

INTERNATIONAL

Main Street Promenade Phase II – Segment 1

Consultant Manager:	Tim Thiele, Michael Baker International
City of Lemon Grove Manager:	Tim Gabrielson, Rick Engineering
Duration:	3 months
Total Contract Value:	\$45,965 (\$50,465 w/ options)

Project Understanding

The intent of this work is to provide plans, specifications and estimate for improvements to the west side of Main Street from Broadway to Central Avenue. The improvements will consist of walkways, pedestrian ramps, curb & gutter repairs and improvements, hardscape and landscape treatments, lighting and signage designs.

Scope of Services**Task 1: Field Survey (Optional Task)**

Consultant will perform a topographic survey on Main Street which will include the following:

- Establish horizontal and vertical control using appropriate benchmarks.
- Obtain information for edge conditions at limits of work where new improvements will meet existing.
- Obtain miscellaneous utility information such as invert elevations, pole locations and locations of other surface facilities within the project footprint.
- Detailed driveway topography at each property.
- Boundary survey to define existing right-of-way.

Deliverables

Topographic Base Map

Task 2: Street Improvement Plans

Consultant will prepare demolition and improvement plans for the addition of a walkways, curb, and gutter along the north side of Main Street from Broadway to City Hall. The plans will be prepared at a scale of one-inch equals twenty feet (1"=20') with accompanying profiles. Submittals of the improvement plans will be made at 65%, 90%, and Final. Improvement plans will indicate all surface improvements including, but not limited to curb, gutter, walkway, pedestrian ramps, driveways, pavement, utility relocations, curb returns, and grading. Plan submittals shall consist of fourteen 24" x 36" sheets.

Deliverables

PS&E submittals at 65%, 90% and Final milestones

Attachment E

Michael Baker

INTERNATIONAL

Task 3: Opinion of Probable Construction Costs & Specifications

Consultant will provide an opinion of probable construction costs in Microsoft Excel format that will include bid item description, bid unit, bid quantity, unit price, and total price for each bid item. The spreadsheet item description will correspond with the Bid Schedule item description to be used when advertising the project for construction bids. The opinion of probable construction costs will be submitted at 65%, 90%, and Final. As part of this task, Consultant will edit Parts 1, 2 and 3 of the Supplemental Provisions to the "Greenbook". It is assumed the City will provide and prepare the Notice Inviting Bids and the Bidder's Instructions for the Specifications Documents.

Deliverables

The opinion of probable construction costs and project specifications

Task 4: Landscape Architecture (KTU+A)

4.1 *Prepare landscape and natural storm water treatment plans*

Draft demolition plan to show plant material and hardscape features on the project site to be removed. Work with the Civil to determine opportunities for capture of storm water runoff in parkway strips. Create construction drawings indicating the placement and species of trees and any shrubs, groundcover, landscape surfacing and/or elements used in the project. Generate irrigation plans indicating mainline, lateral, and dripline placement as well as the location and types of irrigation equipment to be used. Prepare MAWA calculations and scheduling for the irrigation system.

4.2 *Prepare interpretive signage*

Research and design graphics for interpretive signs. Create plan specifying size, location, and types of interpretive signs and provide materials and finishes of sign elements.

4.3 *Prepare lighting plan and streetscape materials*

Create plan indicating placement and type of lighting products and other streetscape elements such as bollards, seating, trash receptacles or bike racks. Specify materials and finishes of lighting and streetscape elements.

4.4 *Update overall costs*

Perform plant, irrigation, and proposed streetscape element unit and square footage counts and prepare a cost estimate for the landscape portion of the project.

4.5 *Quality control and submit 65% package*

Senior Planner and Landscape Architect to plan check drawings and supervise corrections of any errors and/or omissions on the plans.

Deliverables:

*Project planning base map, concept plans and material exhibits on proposed choices
Construction drawings at 65%, 90% and Final*

Michael Baker

INTERNATIONAL

Task 5: Meetings, Coordination and Project Management

Consultant shall meet with and coordinate items related to the scope of work with the City, and design team members through design process. This task is based on an estimate of 12 hours of meetings and coordination. Consultant shall provide monthly progress reports including a description of work complete, a description of work remaining, and a summary of expenditures to day

Deliverables

Meeting minutes.

Monthly progress reports that will be submitted with each monthly invoice.

Schedule

Design work is anticipated to start in September 2016 and to last for approximately three (3) months. Major submittal milestones are as follows:

Deliverable	Submittal	City Review Period
Assumed City NTP 9/21/2016		
65% Submittal	10/12/16	10/13/16-10/19/16
90% Submittal	11/2/16	11/3/16-11/9/16
Final Design	11/16/16	11/17/16 Ready to Bid

Compensation Summary

Client agrees to compensate Michael Baker International for services indicated below: Monthly on a percentage of completion basis for fees as indicated below.

FINAL ENGINEERING

Task 2	Street Improvement Plans	23,805
Task 3	Cost Estimate and Specifications	3,810
Task 4	Landscape Architecture (KTU+A)	14,700
Task 5	Meetings, Coordination and Project Management	3,200
Task 6	Reimbursables	450

TOTAL \$ 45,965

Task 1	Field Survey	\$ 4,500
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TOTAL all TASKS including OPTIONAL Task 1 \$ 50,465

**ENVIRONMENTAL CHECKLIST FORM
CITY OF LEMON GROVE
DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL ASSESSMENT NO. ND16-05**

1. **Project Title:** Connect Main Street: Main Street Promenade Extension
2. **Lead Agency Name and Address:** City of Lemon Grove
Development Services Department
3232 Main Street
Lemon Grove, CA. 91945
3. **Contact Person and Phone Number:** David De Vries, Development Services Director
Phone: (619) 825-3812
4. **Project Location:** The Project site is located in the City of Lemon Grove ("City"), in southwestern San Diego County. The Project area is an approximate two-mile long corridor that runs parallel and to the west of the San Diego Metropolitan Transit System (MTS) Orange Trolley Line from Broadway to the northern terminus of Akins Avenue and includes private properties, existing public rights-of-way (ROW) within or adjacent to Main Street, utility easement areas, and a drainage channel within the City of Lemon Grove, California, 91945. The Project area includes utility easement areas behind the residents along the east side of San Altos Place.
5. **Project Sponsor's Name and Address:** City of Lemon Grove
Development Services Department
3232 Main Street
Lemon Grove, California 91945
6. **General Plan Designation:** The right-of-way along Main Street and the properties between the right-of-way on Main Street and the San Diego Metropolitan Transit System (MTS) Orange Trolley Line are within the Transportation Land Use Designation. The area between Broadway and Central Avenue and including the five properties south of Central Avenue west of Main Street are within the Downtown Village Specific Plan Area and Special Treatment Area I of the General Plan, which is a Civic land use designation.

The areas within Civic Center Park are within the Civic land use designation of the Downtown Village Specific Plan. The areas behind the residences on the east side of San Altos Place and the corresponding utility easements are within the Low/Medium Density Residential Land Use Designation.
7. **Zoning:** The right-of-way along Main Street and the properties between the right-of-way on Main Street and the trolley line are not within a zoning district.

The areas within Civic Center Park are within the Civic Zoning District in the Downtown Village Specific Plan. The areas behind the residences on the east side of San Altos Place and the corresponding utility easements are within the Residential Low/Medium Zoning District.

Attachment F

8. Description of the Project: The proposed General Plan Amendment (GPA) and Connect Main Street Project (the proposed "Project") are intended to provide a plan for creation of a north/south open space area along the Main Street corridor within the City of Lemon Grove, California. The proposed General Plan Amendment includes amendments to the General Plan Community Development Element and Land Use Map to include a new Special Treatment Area (STA IX) for the Project in accordance with Chapter 18.40 of the Lemon Grove Municipal Code (LGMC). The approximate two-mile linear project corridor would strengthen the north-south connections in the City and would ultimately serve as a travel way for pedestrians, bicyclists, and vehicles within a park-like setting, while maintaining emergency and utility access. The proposed corridor enhancements would strengthen the connection between the residential neighborhoods in central and southern Lemon Grove, the Massachusetts and Lemon Grove Trolley Stations, and the commercial/civic core of the City. The corridor includes six themes in a chronological arrangement (going back in time) that may include, but are not limited to, the Early Pioneer Period, the Spanish/Mexican Period, the Kumeyaay Period, the Natural Evolutionary Time Period, the Weathering Forces Over Time Period, and the Geologic Time Period. Additional details, including the accepted conceptual design, vision and goals may be found at tinyurl.com/connectmain.

Purpose of the Project

Within the northernmost portion of the Project area, the City has constructed the Main Street Promenade Project, aimed at transforming a segment of Main Street between Broadway and North Avenue into a walkable, linear park and transit plaza. As constructed, the Promenade supports educational features, a play area, restrooms, and areas for passive recreation (i.e. sitting, picnicking, etc.). The Main Street Promenade serves as a lively, walkable central hub that provides a meeting place for both residents and visitors while enhancing the potential for future privately-initiated development in the City's downtown area. The Promenade was designed to incorporate the overall theme "Where Yesterday, Today, & Tomorrow Meet" which celebrates the City's history, informs visitors about current happenings, and provides a look forward to the future. All furnishings, plantings, lighting fixtures, and art were installed as part of the project to reflect the three "time elements" of the past, present, and future of the City. Construction of the Promenade was completed in 2013.

Building on the vision of the Promenade, the overall vision for the proposed Project improvements along the approximately two-mile corridor is "to create a community corridor that supports active lifestyles and transportation choices by providing a safe, beautiful and sustainable linear parkway that connects people, places, and activities for generations to come" while providing a unique and useable space for City residents and visitors alike through the integration of landscaping, public art, and other amenities. Further, the Project represents an opportunity to enhance connections between existing (and future) residential neighborhoods in the central and southern areas of the City with the heart of the City, including the City's two trolley stations (the Massachusetts and the Lemon Grove Trolley Stations) and local businesses. Overall, the Project is intended to ultimately result in design and future construction of a safe, comfortable, and enjoyable place for people to socialize, walk, bike, and run, among other activities, while maintaining utility maintenance and emergency access spanning the length of the alignment.

The following are the key goals identified for the Project:

1. Provide multiple mobility options that support active healthy lifestyles;
2. Create a sense of place;

3. Enhance the natural environment;
4. Improve safety and access for all ages;
5. Improve connections between neighborhoods and businesses; and,
6. Respect property and improve property values.

Project Background

Construction of the Main Street Promenade project (described above) represented Phase I of the City's intended improvements to the Main Street corridor. The Project, the General Plan Amendment and the construction of Connect Main Street, represents Phase II, the actions of which are analyzed herein in this Initial Study.

On January 10, 2014, the City of Lemon Grove received a Notice to Proceed from SANDAG on the Connect Main Street Project. On January 21, 2014, the Lemon Grove City Council selected citizen volunteers to participate as members of a Working Group to work with City staff, consultants, and neighbors to provide focused input and to oversee technical aspects of the Project. The working group met and provided direction to the consulting team, six times over the course of one year. Subsequently, on September 16, 2014, the City Council accepted the proposed vision and goals of the Project.

Since that time, the City has held three public workshops to provide a forum for public input to contribute to the overall vision for the corridor improvements. Several design alternatives were developed, taking into account certain opportunities and constraints identified through technical analysis (i.e. biological, cultural, hazardous materials, drainage/flooding, etc.) and were presented at the interactive public workshops, allowing the community to provide comments. Additionally, during the design process, the City actively maintained a website through which the public could view Project progress and provide comments on the potential design alternatives. Ultimately, a final conceptual plan, measured against the adopted vision and goals, was developed and presented to the City Council on August 15, 2015. This conceptual plan represents the Project being analyzed in this Initial Study. Since the August 2015 meeting, the City Council has also accepted a revised short-term plan that replaces the previous short- and mid-term plans for the segment between Broadway and Central Avenue. Also, a segment alternative has been accepted by the City Council for the segment between Massachusetts Avenue and San Pasqual Street.

Funding

The Project is primarily being funded via a grant awarded to the City through the San Diego Association of Governments (SANDAG) Smart Growth Incentive Program (SGIP). Smart Growth funds are generally awarded to improvement projects that are intended to support compact, transit-oriented type development that also creates places of interest within a community.

Proposed Project

The selected concept for the Project was generated from several design alternatives and public outreach efforts and measured against the adopted vision and goals for the corridor. A series of conceptual plans and cross-sections have been prepared for the affected alignment to illustrate the intended thematic design, districts, and amenities (available under separate cover); refer also to Figures 2A to 2K, Proposed Project – Illustrative Cross Sections.

Attachment F

The majority of the proposed improvements would occur within the existing ROW of Main Street and utility easements; however, in limited areas, encroachment into the MTS Trolley ROW or Union Pacific “sliver” properties would occur. The Project would also result in limited encroachment onto private property in several areas along the corridor. Refer to *Figure 3, Property/ROW Ownership Overview*.

The Project has been designed to consider the potential for certain planned activities or land uses to increase noise levels within the corridor. Through sensitive Project design, such uses (i.e. Skate Park, public gathering spaces) have been strategically located in order to reduce potential noise impacts that may adversely affect existing residential uses in the surrounding area.

Design Theme

The Project design divides the Main Street corridor into various segments to exhibit certain design themes and enhancements that would reinforce the chronological arrangement of time. This approach would reflect and continue the theme of “Where Yesterday, Today, & Tomorrow Meet,” utilized for the Phase I Main Street Promenade project. Illustrative “Project Design Theme Segments” have been prepared to illustrate the intended themes along the corridor and are available under separate cover. Refer to *Figure 4, Project Design Theme Segments*, and *Figure 5, Project Design Theme (Sample)*. Although not accurately scaled in terms of time periods, this timeline concept would be extended from the Main Street Promenade to the southern Project boundary to depict geologic time. The majority of the corridor would be represented by the pre-historic time periods, with more historic and modern day elements being only a small portion of the corridor. The commencement and end of each such “time portal” would be clearly marked and further reinforced through installation of interpretive panels, milestone markers, dateline markers, kiosks, and overall design themes. Seven design themes are proposed along the corridor and include: Geologic Time; Weathering Forces Over Time; Natural Evolutionary Time; the Kumeyaay Period; the Spanish/Mexican Period; the Early Pioneer Period; and, the Yesterday, Today, & Tomorrow Promenade (previously-constructed Phase I).

Various streetscape improvements such as picnic tables, shade structures, seating, trash receptacles, and street and pedestrian lighting would be installed to reflect and reinforce the design themes. The integration of public art is also proposed throughout the corridor in the form of portals, fence and wall art, and historic and/or natural art pieces and furnishings.

Circulation/Access

The Project could result in the closure of Main Street in two places: 1) from Massachusetts Avenue to San Pasqual Street; and, 2) from the intersection of Main Street/Buena Vista Avenue/Mt. Vernon to the driveway entrance of the Lemon Grove Masonic Temple (2950 Main Street). An existing closure of Main Street (partial segment), from approximately 100 feet north of the intersection of San Pasqual Street, to approximately 980 feet south of the intersection of Beryl Street, would remain with Project implementation; refer to *Figure 3, Property/ROW Ownership Overview*, for the locations of the proposed street closures.

Additionally, traffic along Main Street could be converted to a one-way direction (versus current two-way traffic) at the segment from the San Miguel/Olive Street/Main Street Intersection to Burnell Avenue. A driveway closure is proposed at the Massachusetts Trolley Station lower parking lot driveway (right turn only) to Massachusetts Avenue. The north end of Main Street on the south side of Broadway could also be closed as a result of the Project.

The Project design includes the closure of the north end of Main Street on the south side of Broadway. The closure of this intersection was previously approved in concept as a part of the Downtown Village Specific Plan Amendment (Main Street Promenade); however, such closure may affect the provision of convenient access to the existing businesses south of Broadway on Main Street. The relocation of the bus stop on Main Street south of Broadway to be on the south side of Broadway north of Main Street is also a part. As such, the phasing of improvements is proposed to allow for implementation of a portion of the improvements to accommodate more efficient vehicle parking and enhanced sidewalk areas adjacent to the businesses in the short term. The final phase of the Main Street/Broadway intersection improvements would occur upon future redevelopment of the block, consistent with that identified in the Downtown Village Specific Plan.

Recreational Activities and Trails

The overall concept for the approximate two-mile corridor is the integration of features and activities that would provide recreational, social, and economic enhancement opportunities while enhancing the visual setting. The Project would provide a physical and visual link between the components to strengthen the overall character of the corridor. The Project design integrates the following elements to achieve this goal (refer to the Illustrative "Project Design Theme Segments" prepared to illustrate the intended themes along the corridor; available under separate cover).

- Native Gardens (mostly linear edge conditions with interpretive signage);

- Community Gardens (two potential locations);

- Dog Parks (two parks separated to accommodate large or small dogs);

- Skills/Health Park (tot lot, net climb course, rope climb course, par course);

- Sporting Park (expanded Skate Park, BMX pump track, rock climbing structure, yoga platform);
and/or,

- Education Park (ecosystems, historical, cultural).

Additionally, the Project includes a variety of trails intended to provide for various user groups and needs. All trails would be capable of accommodating emergency vehicles while visually appearing to serve only pedestrian or bicycle traffic, thereby maintaining a more pedestrian sense of scale.

Design of the trail system would be classified as trail only segments (Type 1-3) or paths with parks (Type 4-6). Trail-only segments would be either multi-use paths located away from the roadway (Type 1); a bike boulevard and side trail combination located along a roadway (Type 2); or, consist of more urban-type paved trails and bike boulevards along roadways (Type 3). Other trails are associated with the proposed street closures and parklands. These would include linear parks associated with partial street closures (one lane remaining open) (Type 4); pocket parks associated with wider parklands areas resulting from full street closure (Type 5); or, plazas resulting from a street closure (Type 6).

The proposed trail concepts include the following:

- Walking and hiking trails separated from the roadway (firm surfaces);

- Urban trails utilizing existing or expanded walkways (hard surfaces);

- Bike boulevard utilizing existing roadway surfaces (hard surfaces); and,

- Multi-use paths located away from vehicles but within the roadway right of way (hard surfaces).

Attachment F

Landscaping

Landscape plantings would be installed to further enhance the corridor and strengthen the sense overall cohesiveness. A variety of landscape treatments are proposed and are intended to be consistent with the established design theme within each segment of the alignment. Illustrative conceptual landscape plans have been prepared for the Project and are available under separate cover. To minimize water demands and maintenance costs, all Project landscaping would be with drought tolerant, native low maintenance plant material.

Infrastructure Improvements

The Project includes improvements to the existing earthen drainage channel that runs parallel to Lemon Grove Avenue, the trolley tracks, and Main Street. Portions of the existing natural drainage channel between the Project improvements and the existing railroad tracks could be restored to improve drainage capacity and functionality. These restored portions would serve as water quality treatment for stormwater runoff from the improvements. Areas of improvements outside of the improved channel areas could drain to proposed biofiltration areas (bioretention with underdrain) that would capture and treat runoff from the impervious areas onsite. Biofiltration facilities are vegetated surface water systems that filter water through vegetation and soil (or engineered media) prior to discharge via underdrain or overflow to the downstream conveyance system. Bioretention with underdrain facilities are commonly incorporated into a site within parking lot landscaping, along roadsides, and/or in open space areas. As these facilities have limited or no infiltration, they are generally designed to provide enough hydraulic head to move flows through the underdrain connection to the storm drain system. Treatment is achieved through filtration, sedimentation, sorption, biochemical processes, and plant uptake. The proposed onsite biofiltration areas would ultimately connect via storm drain outlet piping to the existing natural channel that runs parallel to the Project site. Any improvements within the railroad right-of-way would require approval of a right-of-way encroachment permit from the San Diego Metropolitan Transit Service (MTS).

The Project would enhance the onsite drainage channel through removal of trash and debris and planting of native vegetation and/or placement of cobble within some of the areas adjacent to the channel (not directly within the channel). Further, it is recommended that all non-native invasive species within the channel be removed to enhance the biological and aesthetic qualities of the channel; promote the proliferation of native plants in the channel; encourage greater use of the restored habitat by a more diverse assemblage of native wildlife; and, incorporate the channel as a linear feature for passive recreational use (e.g., birding) and human enjoyment (e.g., beautification), consistent with Project goals.

Although no specific grading plans are available at this time, future restoration efforts involving ground disturbance within the drainage feature may occur. Such activities would have the potential to impact jurisdictional areas, and would therefore require permits by the affected wildlife agencies (refer to Table 2, Matrix of Anticipated Permits and Approvals, for a listing of permits anticipated to be required from affected local, State, and/or federal agencies, as applicable).

Utilities

The Project would result in a number of utility improvements and/or relocation of existing utility lines to accommodate the Project as proposed. A number of sewer, gas, and water lines run parallel to or under large portions of the proposed improvements; however, it is anticipated that such utilities would incur limited impacts during Project construction. Additionally, multiple storm drains and electric

infrastructure throughout the Project site would be avoided. The anticipated utility improvements include the following:

- Several new water line connections for proposed water fountains located near the Skate Park, BMX track, picnic area, and dog park may be required;
- Street light improvements made throughout the length of the affected alignment;
- Multiple sewer and water accessories adjusted to grade; and,
- Tie-in of any new irrigation lines into the City's existing system.

Lighting

Appropriate street and pedestrian-level lighting could be provided along the corridor for purposes of public safety and security and to allow for safe and efficient circulation of vehicles, pedestrians, and bicycles. All lighting installed would be in conformance with the City's outdoor lighting ordinance and would be shielded and directed downward to avoid light trespass or spillover onto adjacent lands, particularly where residential uses are present or planned. Further, lighting would be selected to discourage and/or minimize the potential for vandalism of the lighting fixtures to occur.

Phasing

Implementation of the Project would be phased, consistent with the draft Phasing Plans that may include up to eight different phases. Project phasing will be determined mostly by possible funding sources, which is in turn, determined by community preferences, council policy and grant opportunities. In some cases, such as at the Broadway end of the project, adjacent development efforts are likely to be needed in order to accomplish the proposed improvements. As such, the phasing concepts are based upon logical construction phasing with those elements that may be the easiest or least expensive to do done first. Other segments that can help as project catalysts for follow on phases, will also be considered high priorities.

It is anticipated that Project construction of Phase 1 could start as early as the 1st quarter of 2017, with ultimate build-out of the Project likely taking several years to beyond 2020; however, the rate at which the improvements are constructed would be dependent upon available funding and prioritization for construction of the various elements proposed. Further, some components of the Project would be constructed independent of others, while some phases may be interrelated and may require prior completion of other improvements proposed (i.e. sequential). Prior to commencement of a particular phase, the City shall obtain all required local, State, and/or federal permits, as appropriate, from the affected agencies.

The final phasing schedule specifying interrelated phases, required order of construction (if any), independent segments, future construction permitting requirements, preliminary construction and maintenance costs, an implementation plan, and potential funding sources are addressed as part of this General Plan Amendment, and prior to the commencement of any construction within the Project boundaries. The GPA will therefore provide guidance for future development on the Project site.

Affected Plans and Policies

The Project revises the City's General Plan (i.e. Health and Wellness Element). The changes to the General Plan would be required to ensure that the improvements proposed along the alignment are not

Attachment F

in conflict with the City's intended long-term vision for future development on lands affected by the Project. For example, the Conservation and Recreation Element may require amendment to encourage construction of and identify the need for the various recreational amenities proposed, consistent with the City's overall goals for the provision of public recreational facilities within the community. Similarly, the Health and Wellness Element may require amendment to address transit, the active transportation network, and/or the bikeway network (see Map 6, Existing and Proposed Bikeway Network, of the Element) relative to the improvements proposed. However, by providing a new Special Treatment Area encompassing the project area, description, vision, goals, and guidance for future development, the need for amendments throughout the General Plan and Downtown Village Specific Plan is not required. As applicable, environmental mitigation measures identified through preparation of the Initial Study would also be incorporated into the GPA in compliance with CEQA requirements.

As previously stated, the Project alignment connects Special Treatment Area II (STA II) and SANDAG Smart Growth Area LG3 to the Lemon Grove Depot and SANDAG Smart Growth Area LG2 (STA I and Downtown Village Specific Plan). Both of these sites are zoned for mixed-use residential use; however, the City has determined that the Project as proposed is consistent with the intent of the Specific Treatment Areas and that no additional revisions are required.

Additionally, the Project design includes the closure of the north end of Main Street south of Broadway. The closure of this intersection was previously approved in concept as a part of the Downtown Village Specific Plan Amendment (Main Street Promenade), and therefore, the Project would not result in conflict with the Specific Plan; however, such closure may affect the provision of convenient access to the existing businesses south of Broadway on Main Street. As such, the phasing of improvements is proposed to allow for implementation of a portion of the improvements to accommodate more efficient vehicle parking, enhanced sidewalk areas adjacent to the businesses, and relocation of the existing bus stop from Main Street to Broadway. The final phase of the Main Street/Broadway intersection improvements would occur upon future redevelopment of the block, consistent with that identified in the Downtown Village Specific Plan.

The Project does not amend the City's Bikeway Master Plan Update (GPA06-001, November 2006). Figure 5-1, Lemon Grove Existing and Proposed Bikeway Network, of the current Bikeway Master Plan provides an illustration of the planned improvements to the City's bicycle network over the long-term. The system of bikeways is classified into Class I, II, and III bikeway categories (consistent with classifications used by the California Department of Transportation, or Caltrans). The Master Plan also includes a list of intended improvements to the bikeway network; refer to Section 5.3, Recommended Network Projects. The Project would result in the addition (and/or enhancement) of bike paths along the affected alignment to improve circulation and connectivity, encourage this mode of travel, and improve rider safety. At this time, the proposed Class 1 multi-use paths and the Class 3 bike route (bikeway boulevard) are consistent with the Bike Master Plan, and no changes are expected to this Plan.

TABLE 1 PROPOSED PROJECT IMPROVEMENTS

CATEGORY/ITEM	LENGTH (FT.)	LENGTH (MI.)	AREA (SQ. FT.)	COUNT
TRAIL				
TOTAL LENGTH OF PROMENADE	11,030	2.09	-	-
STREET CLOSURES	2,462	0.47	-	5
ONE-WAY STREETS	1,016	0.19	-	-
URBAN TRAIL	1,232	0.23	-	-
COUNTRY (D.G) TRAIL	9,640	1.83	-	-

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CATEGORY/ITEM	LENGTH (FT.)	LENGTH (MI.)	AREA (SQ. FT.)	COUNT
BIKE BOULEVARD	4,706	0.89	-	-
CLASS 1 MULTI-USE TRAIL	5,755	1.09	-	-
RE-LOCATED FENCE	1,288	0.24	-	-
FOOTBRIDGES	116	-	-	5
PROPOSED STREET CUL-DE-SACS	-	-	-	3
BULB-OUTS	-	-	-	7
CROSSWALKS	642	-	-	17
BUS STATIONS/STOPS	-	-	-	3
LANDSCAPING				
EXISTING TREES TO REMAIN	-	-	-	199
EXISTING TREES TO BE REMOVED	-	-	-	286
PROPOSED TREES	-	-	-	672
RESTORED CREEK	4,740	0.9	-	-
BIOSWALES	-	-	1,857	3
ACTIVE USE AREAS				
HORSESHOE COURT	-	-	500	1
BOULDERING	-	-	7,100	1
ROCK CLIMBING STRUCTURE	-	-	1,762	1
BMX PUMP TRACK	-	-	6,019	1
SKATE PARK	-	-	4,663	1
DOG PARK	-	-	7,914	1
ROPE-CLIMB COURSE	-	-	455	1
NET-CLIMB COURSE	-	-	553	1
HOPPING/CLIMBING COURSE	-	-	1,465	1
BALANCE/AGILITY COURSE	-	-	1,526	1
PARCOUSE STATIONS	-	-	1,075	7
CHILDREN'S ADVENTURE PLAYGROUND	-	-	1,364	1
KUMEYAAY THEMED PLAYGROUND	-	-	1,581	1
VIEWING DECK/YOGA PLATFORM	-	-	1,093	1

9. Surrounding Land Uses and Setting:

The affected segment of the Main Street alignment traverses existing and planned mixed-use high-density areas, single-family residential zones, and the City's Civic Center. From north to south, existing land uses along the Project alignment (Main Street) include: (1) Metropolitan Transit Services (MTS) Trolley Station at Main Street/Broadway, City Hall and visitor-serving commercial buildings, and the Civic Center Park between Broadway and Central Avenue; (2) multi- and single-family residences and a church between Central Avenue and Olive Street; and, (3) single-family residences between Olive Street and the southern end of the alignment and a large new 73 single-family residential development,

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with exception of several commercial uses located at the Main Street/Massachusetts Avenue intersection.

This Project area is located within an urbanized environment in the vicinity of downtown Lemon Grove. The Project site varies in width and generally includes the rights-of-way of Main Street and intersecting streets, a drainage channel, and utility easement areas. Habitat within the boundaries of the Project footprint includes developed areas; disturbed areas primarily consisting of bare dirt and/or non-native weedy vegetation; non-native vegetated areas dominated by ornamental plantings; and, disturbed wetlands (located within two segments of an earthen drainage channel that extends along the east edge of a portion of the Project alignment). Onsite elevations range from approximately 448 feet above mean sea level (amsl) at the northern end to approximately 275 feet amsl at the southern end.

The affected alignment connects Special Treatment Area II (STA II) and SANDAG Smart Growth Area LG3 [located at the northwest corner of Massachusetts/Lemon Grove Avenues next to the Metropolitan Transit System (MTS) Massachusetts Trolley Station] to the Lemon Grove Depot [located in the Downtown Village Specific Plan area adjacent to the recently completed first phase of the Main Street Promenade [SANDAG Smart Growth Areas LG1 and LG2]]. The Smart Growth Areas are zoned for mixed-use residential.

10. Other public agencies whose approval is required (e.g. permits, financing approval, or participation agreement): It is anticipated that Project implementation would require approval of the discretionary actions and permits listed in *Table 2*. The approvals/permits are listed in the approximate order they are expected to be obtained.

TABLE 2 MATRIX OF ANTICIPATED APPROVALS AND PERMITS

Permit/Action Required	Approving Agency	Lead/Trustee/Responsible Agency Designation
General Plan Amendment	City of Lemon Grove (City)	Lead Agency
Construction Permit	City	Lead Agency
Improvement Plans	City	Lead Agency
Storm Water Management Plan	City	Lead Agency
General Construction Storm Water Permit	Regional Water Quality Control Board (RWQCB)	Responsible Agency
Railway Right-of-Way Encroachment Permit	Metropolitan Transit Service (MTS)	Responsible Agency
Permit to Construct	San Diego Air Pollution Control District (SDAPCD)	Responsible Agency
Section 401 Water Quality Certification ¹	RWQCB	Responsible Agency
1602 Streambed Alteration Agreement ¹	California Department of Fish and Wildlife (CDFW)	Trustee Agency
Clean Water Act 404 Permit ¹	U.S. Army Corps of Engineers (ACOE)	Responsible Agency

¹ It should be noted that permits from the regulatory agencies (RWQCB, CDFW, and/or ACOE) would only be required if the City of Lemon Grove undertakes restoration improvements within the onsite drainage channel. If no ground disturbance occurs within the channel, these permits would not be required.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors highlighted below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

	Aesthetics		Greenhouse Gas Emissions		Population/Housing
	Agricultural Resources	X	Hazards and Hazardous Materials		Public Services
	Air Quality		Hydrology/Water Quality		Recreation
X	Biological Resources		Land Use/Planning		Transportation/Traffic
X	Cultural Resources		Mineral Resources		Utilities/Service Systems
	Geology/Soils	X	Noise	X	Mandatory Findings of Significance

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

 I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

 X I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

 I find that the proposed project MAY have a significant effect on the environment and an ENVIRONMENTAL IMPACT REPORT is required.

 I find that the proposed project MAY have a "potential significant impact" or "potentially significant unless mitigated" impact on the environment, but a least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addresses.

 I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed in and earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards and (b) have been avoided or mitigated to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

David De Vries, AICP, Development Services Director
 Printed Name

City of Lemon Grove
 For

September 22, 2016

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EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on the project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particularly physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4. "Negative Declaration: Potentially Significant Unless Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Significant Impact". The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section 17, "Earlier Analysis," may be cross-referenced).
5. Earlier analysis may be used where, pursuant to the tiering, program EIR or other CEQA process and effect has been adequately analyzed in an earlier EIR or negative declaration Section 1506.(c)(3)(d). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated" describe the mitigation measures which were incorporated or refined from the earlier document and extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances, etc.). Reference to a previously prepared or outside document should where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: a source list should be attached and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form and lead agencies are free to use different formats: however, lead agencies should normally address the questions from this checklist that relevant to the project's environmental effects in whatever format is selected.

9. The analysis of each issue should identify: (a) the significance criteria or threshold used to evaluate each question; and (b) the mitigation measure identified, if any, to reduce the impact to less than significance.

ISSUES AND SUPPORTING INFORMATION

1. AESTHETICS.

Would the Project:

- a) *Have a substantial adverse effect on a scenic vista?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

As stated in the MEIR, there are no visual features, focal points, or view corridors that would be significantly affected by build-out of the General Plan. Proposed land uses, architectural standards, landscaping and sign improvements, and City code enforcement would generally improve views into and within the City.

The Project site lies within a developed, urbanized setting within the City of Lemon Grove. The site is not located within or near a scenic vista or within view from a designated scenic highway, as no such aesthetic resources are located within the City of Lemon Grove.

The Project would result in improvements along the two-mile corridor to enhance mobility and circulation while providing opportunities for passive and active recreation. The Project would result in the design and construction of a safe and enjoyable place for people to socialize, walk, bike, and run, among other activities, and that incorporates landscaping, public art, and other amenities for residents and visitors to the area.

The majority of the proposed improvements would occur within the existing ROW of Main Street and utility easements; however, in limited areas, encroachment into the MTS Trolley ROW or Union Pacific "sliver" properties would occur. The Project would also result in limited encroachment onto private property in several areas along the corridor. As such, lands adjacent to the corridor would generally remain unaffected and in their present state.

It is not anticipated that the proposed improvements would adversely impact any visual resources within the Project vicinity, and the Project would not result in a substantial adverse effect on a scenic vista. **No impact** would occur.

- b) *Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

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Discussion:

Refer to Response 1a), above. No officially designated State Scenic Highways are located within the City's boundaries. The area affected by the proposed Project is presently disturbed and/or developed and does not support any scenic resources or rock outcroppings. No such resources would be affected by the Project as proposed.

A number of mature trees are present within the affected corridor; refer also to the Biological Reconnaissance Report (Michael Baker International, February 2016). Removal and/or replacement of any mature trees with future development along the Project alignment would occur in conformance with City requirements applicable at the time when such activities take place.

As identified in the Cultural Resources Report prepared by Rincon Consultants, Inc. (May 2014), ten historic resources have been identified within a 0.5-mile radius of the Project site. Four of these resources are located adjacent to the site on the west side of Main Street (3308, 3262, 3268, and 3270 Main Street); however, all of these sites have been previously determined ineligible for listing in the National Register of Historic Places (NRHP). None of these resources would be directly impacted by the proposed Project.

One newly recorded historic resource, the Lemon Grove Monument, lies within the boundaries of the Project site. The "Big Lemon" monument was originally part of a parade float that occurred in 1928 and was later plastered in 1930 and placed at the center of town on a concrete platform. The monument is a recognizable icon within the community, contributing to its overall character; however, as it does not meet any of the criterion for listing as a historically significant resource, the monument has been recommended ineligible for listing in the California Register of Historical Resources (CRHR). The monument does however contribute to the overall intended theme of the Project, which recognizes the City's history. Improvements are proposed with the Project to enhance the area within an urban plaza in order to make it more visually prominent and appropriately sited; however, relocation of the monument is not proposed, and no significant impacts to this resource would occur with Project implementation.

As proposed, the Project would not cause substantial damage to scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway. **No impact** would occur.

c) *Substantially degrade the existing visual character or quality of the site and its surroundings?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Refer also to Response 1a), above. A Visual Impact Assessment was prepared by KTU+A (December 2015) to evaluate potential impacts of the proposed improvements on the existing character of the site and surrounding lands; refer to Appendix A. Visual impacts are demonstrated by identifying visual resources in a project area, measuring the amount of change that would occur as a result of a project, and predicting how the affected public would respond to or perceive those changes.

The concept for the approximately two-mile corridor is the integration of features and activities that would provide recreational, social, and economic enhancement opportunities while enhancing the visual setting and providing a physical and visual link between the components to strengthen the overall

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character of the corridor. The corridor lies within an urban setting and lands onsite and adjoining the corridor are largely developed or highly disturbed along its length. The existing visual landscape is characterized by mostly flat terrain with only a few areas of substantial elevation change west of the Project corridor between Central Avenue and San Miguel and further south between Beryl Street and Broadway Avenue. Vegetation types within the Project area are made up mostly of decorative urban plantings with some native species and several known invasive species lining the onsite drainage channel where it surfaces along the Project corridor.

Land uses within the corridor are primarily composed of standard suburban residential developments with some commercial, institutional, transit-oriented, and recreational uses. Commercial areas are mostly composed of small shops at the north end, with a large U-Haul business towards the southern end being the main exception. The four main institutional land uses within the Project corridor include City Hall at the northern end, two churches in the middle portion, and the Mason's Hall building further to the south. Existing transit-oriented areas are made up primarily of the light-rail stations at the northern and southern ends of the Project, and the light-rail corridor that runs parallel to the Project corridor. Recreational uses within the Project envelope include Civic Center Park at the northern end and a small pocket park towards the middle of the Project site.

Because of its length and the fact that the Project site is along the edge of an open space created by the rail line ROW, the creek, and two roadways, the proposed Project area has a high level of visibility. The views of the Project elements are relatively open and can be seen from Main Street, properties immediately next to Main Street, the trolley corridor, and from Lemon Grove Avenue. The visibility is only interrupted by vegetation found in the onsite drainage channel and by the street trees along Main Street and Lemon Grove Avenue.

Temporary visual impacts would likely occur during the construction period of the Project. The construction phasing and staging area locations are unknown at this stage in the Project's development, although it is projected that the Project would be constructed in segments, with each segment taking approximately three to six months to complete. Impacts created by the construction process are expected to be negligible assuming standard best practices are followed, such as providing fencing to screen construction equipment staging areas. Additionally, when invasive species (palms) that line the onsite drainage channel to the south of the Massachusetts Trolley Station are removed during construction, there would be a temporary visual impact until the proposed native tree plantings reach maturity.

The visual character of the proposed Project elements would be compatible with the existing visual character of the Project corridor, although some elements would be more visible, due to their nature or design. The main Project elements, a Class I bike facility and pedestrian trail would lie low to the ground, following the line of the existing streets and property lines using neutral colors and textures that would blend into the surrounding visual setting. Similarly, the proposed road markings throughout the Project site would not be visually out of place, and would match the character of existing road striping within the area. Additionally, most of the supporting features proposed in the Project area would not clash with the existing semi-rural/suburban character of the current setting due to their small size, use of neutral materials, and support of existing uses. For example, the proposed plaza at the intersection of Broadway and Main Street would create a similar but improved setting for the lemon sculpture; the art wall proposed between San Pasqual and Massachusetts would add interest to the existing wall currently painted a flat bright green; and, the proposed tot-lot and Kumeyaay-themed play area would add amenities to existing park spaces where these types of features are not considered out of place.

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Some Project elements would be fairly conspicuous when compared to the current visual character because of their height, irregularity, and/or design purpose. The gateway portals for example, are meant to set off various segments of the Project corridor and carry through the design concept of a continuous timeline. Their aesthetic, height, and materiality would be easily distinguished from the surroundings. Elements such as the Skate Park, pump track, and bouldering amenities would be less visible due to their minimal height and neutral colors and materials. Further, the public art proposed throughout the Project site may be distinctive depending on the artist's intent, material choices, and art placement. Other elements proposed would have varying degrees of visibility and contribution to the overall character within the corridor; refer also to Appendix A for additional discussion.

Overall, the visual quality of the Project area would not be negatively altered by the proposed Project elements and would even be improved in some areas. Appendix A provides a list of specific improvements proposed with the Project that are anticipated to result in improved visual quality within the corridor. Such improvements include the addition of trees to create a visual unity or intactness throughout the site and create a more memorable aesthetic; placement of picnic tables, benches, seat walls, and/or shade structures for public use; a Class I bike path and pedestrian trail; integration of interpretive panels scattered by the trail and trail kiosk to promote a coherent message throughout the corridor; installation of public art, ranch art, and art, graffiti, and sedimentary walls that would contribute to increasing the vividness of the corridor by creating landmark features by which viewers could remember the route; and, two community garden areas that would reflect the character of the surrounding planted areas and enhance the overall theme of the Project area, among other improvements.

Project elements with visual prominence would result in a moderate-low contrast with the existing visual character, and a moderate to moderate-low contrast to the existing visual quality. None of the proposed elements would be out of place in the urban and semi-rural environment typical in the Project area. The intent of the proposed design elements and treatments is to enhance the character of the area by being consistent and harmonious, while at the same time providing an increase in the vividness and memorability of the place. The proposed tree plantings, signage, and fence improvements would improve the consistency and visual order of the area. The variation in themed design districts would add visual interest and a transition of character and contrast to the visual setting. Proposed building materials would also be consistent with those in the surrounding area including wood, decomposed granite, black vinyl fencing, asphalt, and native or naturalized plantings among others.

It should be noted that, if the Project were not built, the study area would continue to lack character, interest, and a unifying theme or element. Cyclist and pedestrian routes through the corridor would remain disjointed by existing obstructions and street-crossing deficiencies, and would be limited to poorly-maintained footpaths and on-street routes. In its current state, the drainage channel would continue to collect debris and to be choked with invasive plant species. Needed public spaces and amenities would remain absent, and existing open spaces would continue to be used as a dumping grounds for waste material instead of as park spaces.

Overall, as determined through Project evaluation provided in the Visual Impact Assessment Memo, the changes to visual character resulting with the Project would be moderate to low, with most features of the Project reflecting the overall form, line, color, and texture vocabulary of the place. The changes proposed with the Project would result in a moderate decrease in visual intactness caused by the addition of many new elements, an increase in vividness due to the use of visually interesting and memorable forms, and an increase in visual unity because of the application of a cohesive design theming strategy throughout the Project area. Overall, the visual character of the Project would be

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compatible with the existing visual character of the corridor and would not negatively impact the existing visual quality.

Although the proposed Project elements would result in a moderate degree of change in the current visual setting, and viewers within the area may be sensitive to such changes, the Project is not expected to create a negative or chaotic appearance, nor remove visual resources that currently contribute to visual quality within the area. Rather, the Project would improve the appearance of the existing visual environment surrounding Main Street and would add visual resources to increase the overall visual harmony, vividness, and/or memorability of the corridor. No major landform changes are proposed by the Project, nor would the Project result in the blocking of any designated view corridors to regionally or subregionally significant viewing scenes. Instead, the Project is part of a viewing scene that would be enhanced as a result of the Project. No designated scenic resources are located within the boundaries of or in the vicinity of the Project site that would be adversely impacted by the proposed improvements.

In conclusion, visual impacts associated with the proposed Project are not expected to have an adverse impact on the quality or character of the visual setting of the study area. Therefore, the Project would not substantially degrade the existing visual character or quality of the site and its surroundings. A **less than significant impact** would occur.

d) *Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

The Project site is located within a developed, urbanized area. Street lighting and lighting from other sources (i.e. existing land uses, vehicles, etc.) is readily present within the corridor under existing conditions. Installation of street lighting and other minor sources of lighting (i.e. lighting for signage, wayfinding, etc.) could occur with Project implementation for purposes of public safety and to allow for safe pedestrian, bicycle, and vehicular circulation, as well as to reinforce the intended overall theme. All street lighting installed would be shielded and directed downward to minimize the potential for light spillover and to reduce or avoid adverse effects on adjacent land uses.

The Project does not propose the construction of any buildings or other structural elements that would have the potential to result in a substantial source of glare (i.e. building materials, glazing, etc.). Additionally, the City General Plan MEIR (Section 4.6, Aesthetics/Light and Glare) identifies Mitigation Measure 4.6-1 which requires City review of all new development to determine if adverse light and glare impacts would occur and implementation of design methods to avoid or reduce light and glare impacts such as shielded light fixtures, sensible use of reflective surfaces (i.e. building materials, glass, and pavement surfaces), and integration of landscape elements such as trees for shade and ground cover to reduce ground surface glare (General Plan Implementation Manual, Community Development Program #34).

All future development onsite would occur in conformance with applicable local regulations, plans, and policies aimed at reducing the potential for outdoor nighttime lighting and/or glare effects. For the

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reasons above, the Project would not create a new source of substantial light or glare that could adversely affect day or nighttime views in the area. A **less than significant impact** would occur.

2. AGRICULTURE RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- a) *Convert Prime Farmland, Unique Farmland or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency to non-agricultural use?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Project site is located within the City of Lemon Grove, which is generally urbanized, particularly in the vicinity of the Project site. The majority of the proposed improvements would occur within the existing ROW of Main Street and utility easements; however, in limited areas, encroachment into the MTS Trolley ROW or Union Pacific "sliver" properties would occur. As such, lands affected by the Project are largely disturbed and/or developed nature.

The California Resources Agency implements its Farmland Mapping and Monitoring Program (FMMP), providing maps and statistical data used for analyzing impacts agricultural resources within the State of California. Agricultural lands are rated based on soil quality and irrigation status, with lands having the best quality rated as Prime Farmland. As shown on the maps prepared pursuant to the FMMP and the City's General Plan, the Project site does not contain any agricultural resources, lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance. Therefore, no agricultural resources including Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance would be converted to a non-agricultural use as a result of the proposed Project. **No impact** would occur.

- b) *Conflict with existing zoning for agricultural use, or a Williamson Act contract?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 2a), above. No lands onsite or adjacent to the proposed Project are zoned for agricultural use, nor are any such lands subject to a Williamson Act contract. Therefore, the Project would not conflict with existing zoning for agricultural use or a Williamson Act contract. **No impact** would occur.

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c) *Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 2a), above. No designated Farmland is present on or adjacent to the Project site. According to the City's General Plan Land Use Map (General Plan Community Development Element, Figure CD-3, Land Use Plan) and the City's Zoning Map, no lands onsite or adjacent to the proposed Project are designated for agricultural use, and no such lands are present within the City's boundaries. Therefore, the Project would not involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use. **No impact** would occur.

3. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Would the project:

a) *Conflict with or obstruct implementation of the applicable air quality plan?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The proposed Project is located in the San Diego Air Basin (SDAB), which is administered by the San Diego Air Pollution Control District (SDAPCD). The SDAPCD is responsible for protecting the public health and welfare within the County of San Diego through the administration of federal and State air quality laws, regulations, standards, and policies. The SDAPCD monitors air pollution, implementation of the County's portion of the State Implementation Plan (SIP), and application of the SDAPCD Rules and Regulations. The SIP contains strategies and tactics to be applied in order to attain and maintain acceptable air quality in the County, called the Regional Air Quality Strategy (RAQS). The RAQS is the applicable air quality plan for the proposed Project.

Consistency with the RAQS is determined by two standards: (1) whether the proposed project would exceed assumptions contained in the RAQS; and, (2) whether a project would increase the frequency or severity of violations of existing air quality standards, contribute to new violations, or delay the timely attainment of air quality standards or interim reductions as contained in the RAQS.

The air quality emission projections and emission reduction strategies in the RAQS are based on information from the California Air Resources Board (CARB) and San Diego Association of

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Governments (SANDAG) regarding mobile and area source emissions, as well as growth in the County (including the City of Lemon Grove). The CARB mobile source emissions projections and SANDAG growth projections are derived from population and vehicle use trends, and land use plans developed by the cities and County as part of their general plans. A project that proposed development consistent with the growth anticipated in a general plan would be consistent with the RAQS.

As proposed, the Project would be consistent with growth patterns identified for the Project area and would not represent a use that is not anticipated to occur with future build-out of the General Plan. The changes to the General Plan Elements are proposed to ensure that the improvements proposed along the alignment are not in conflict with goals or policies identified; however, the Project would not result in a change to the potential for future growth. As previously stated, the Project alignment connects Special Treatment Area II (STA II) and SANDAG Smart Growth Area LG2 (STA I or DVSP) and LG3 to the Lemon Grove Depot.

In addition, as discussed below in 3b), Project construction and operational emissions are not anticipated to exceed established SDAPCD thresholds. As a result, the Project would not result in violations or affect air quality attainment status in the SDAPCD, and a **less than significant impact** would occur.

b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Construction: The Project involves minor construction activities associated with grading, paving, and construction due to the limited extent of Project improvements. Although minor, these construction activities would result in temporary increases in air pollutant emissions at the Project site.

Construction equipment may include tractors/loaders/backhoes, pavers, forklifts, rollers, rubber tired dozers, concrete/industrial saws, cranes, and cement and mortar mixers. Total construction emissions would also be influenced by the level of activity, length of the construction period, number of pieces and types of equipment in use, site characteristics, weather conditions, number of construction personnel, and the amount of materials to be transported on- or offsite.

Emitted pollutants would likely include volatile organic compounds (VOCs), carbon monoxide (CO), nitrogen oxides (NO_x), sulfur dioxide (SO_x), coarse particulate matter (PM₁₀), and fine particulate matter (PM_{2.5}). The largest amount of CO and NO_x emissions would occur during the construction phase. PM₁₀ and PM_{2.5} emissions would occur from fugitive dust (due to earthwork and excavation) and from construction equipment exhaust. The majority of PM₁₀ and PM_{2.5} emissions would be generated by fugitive dust from earthwork activities.

Fugitive Dust Emissions

Construction activities are a source of fugitive dust emissions that may have a substantial, temporary impact on local air quality. In addition, fugitive dust may be a nuisance to those living and working in the Project area. Fugitive dust emissions are associated with land clearing, ground excavation, cut-and-fill, and truck travel on unpaved roadways (including demolition as well as construction activities). Fugitive

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dust emissions vary substantially from day to day, depending on the level of activity, specific operations, and weather conditions. Fugitive dust from grading, excavation and construction is expected to be short-term and would cease upon Project completion. Additionally, most of this material is inert silicates, rather than the complex organic particulates released from combustion sources, which are more harmful to health.

Dust (larger than 10 microns) generated by such activities usually becomes more of a local nuisance than a serious health problem. Of particular health concern is the amount of PM₁₀ generated as a part of fugitive dust emissions. PM₁₀ poses a serious health hazard alone or in combination with other pollutants. PM_{2.5} is mostly produced by mechanical processes. These include automobile tire wear, industrial processes such as cutting and grinding, and re-suspension of particles from the ground or road surfaces by wind and human activities such as construction or agriculture. PM_{2.5} is mostly derived from combustion sources, such as automobiles, trucks, and other vehicle exhaust, as well as from stationary sources. These particles are either directly emitted or are formed in the atmosphere from the combustion of gases such as NO_x and SO_x combining with ammonia. PM_{2.5} components from material in the earth's crust, such as dust, are also present, with the amount varying in different locations.

Project construction would be short-term and would be phased over time. It is not anticipated that the Project would result in fugitive dust emissions that would exceed SDAPCD thresholds. The Project would be required to ensure compliance with SDAPCD fugitive dust control measures during all construction activities to minimize fugitive dust emissions to the extent feasible. Therefore, impacts in this regard would be **less than significant**.

Construction Equipment and Worker Vehicle Exhaust

Exhaust emissions from construction activities include emissions associated with the transport of machinery and supplies to and from the Project site, emissions produced onsite as any maintenance equipment is used, and emissions from trucks transporting materials to/from the site. Due to the limited extent of Project improvements, combined with the fact that the Project would be phased over time, it is anticipated that construction equipment and worker vehicle exhaust emissions would be below the established SDAPCD thresholds. Therefore, air quality impacts from equipment and vehicle exhaust emission would be **less than significant**.

Naturally Occurring Asbestos

Asbestos is a term used for several types of naturally occurring fibrous minerals that are a human health hazard when airborne. The most common type of asbestos is chrysotile, but other types such as tremolite and actinolite are also found in California. Asbestos is classified as a known human carcinogen by State, Federal, and international agencies and was identified as a toxic air contaminant by the California Air Resources Board in 1986.

Asbestos can be released from serpentinite and ultramafic rocks when the rock is broken or crushed. At the point of release, the asbestos fibers may become airborne, causing air quality and human health hazards. These rocks have been commonly used for unpaved gravel roads, landscaping, fill projects, and other improvement projects in some localities. Asbestos may be released to the atmosphere due to vehicular traffic on unpaved roads, during grading for development projects, and at quarry operations. All of these activities may have the effect of releasing potentially harmful asbestos into the air. Natural weathering and erosion processes can act on asbestos bearing rock and make it easier for asbestos fibers to become airborne if such rock is disturbed. According to the Department of Conservation Division of Mines and Geology, A General Location Guide for Ultramafic Rocks in California - Areas

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More Likely to Contain Naturally Occurring Asbestos Report (August 2000), serpentinite and ultramafic rocks are not known to occur within the Project area. Thus, there would be **no impact** in this regard.

As such, Project construction emissions are not anticipated to exceed the established SDAPC thresholds for criteria pollutants. Therefore, the Project would not violate any air quality standard or contribute substantially to an existing or Project-related air quality violation. Air quality impacts from construction of the proposed Project are considered to be **less than significant**.

Operation:

Mobile Source Emissions

Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, VOCs, NO_x, SO₂, PM₁₀, and PM_{2.5} are all pollutants of regional concern (NO_x and VOCs react with sunlight to form O₃ [photochemical smog], and wind currents readily transport SO_x, PM₁₀, and PM_{2.5}); however, CO tends to be a localized pollutant, dispersing rapidly at the source.

Area Source Emissions

Area source emissions are typically generated from consumer products, architectural coatings, and landscaping equipment. The primary area source emissions from the Project would be from consumer products, architectural coating, and landscaping.

Energy Source Emissions

Energy source emissions would be generated as a result of electricity and natural gas usage associated with the proposed Project. The primary use of electricity and natural gas by the Project would be for lighting and any electronics.

Due to the nature of the proposed Project (i.e. enhancing a travel corridor for multi-modal transport), it is not anticipated that the Project operation would result in a substantial amount of emissions capable of exceeding SDAPCD thresholds. Thus, operational air quality impacts are anticipated to be **less than significant**.

c) *Results in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under any applicable federal or state ambient air quality standard (including releasing emissions, which exceed quantitative thresholds for ozone precursors)?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

The County of San Diego is designated as non-attainment area for the federal ozone standard, and is also a non-attainment area for the State standards for ozone, PM₁₀, and PM_{2.5}. As such, significant cumulative impacts to air quality for VOCs (an ozone precursor), NO_x (an ozone precursor), PM₁₀, and PM_{2.5} exist. The greatest concern involving criteria air pollutants is whether a project would result in a cumulatively considerable net increase of PM₁₀ and/or PM_{2.5}, or exceed screening level thresholds of ozone precursors (VOCs and NO_x).

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It is anticipated that cumulatively considerable net increases during the construction phase would typically happen if two or more projects near each other are simultaneously constructing projects, or if a project's PM₁₀, PM_{2.5}, NO_x, and/or VOCs emissions are in exceedance of SDAPCD thresholds.

Construction timing for the proposed Project has not been specified at this time; however, all future development would be required to comply with the SDAPCD rules and regulations with regard to air emissions. Due to the nature of the proposed Project, combined with the fact that it would be phased over time, it is not anticipated that the proposed Project would generate construction air pollutant emissions in exceedance of SDAPCD thresholds.

Cumulative Long-Term Impacts

It is not anticipated that the Project would result in long-term air quality impacts, as emissions would likely not exceed the SDAPCD adopted operational thresholds. Additionally, adherence to SDAPCD rules and regulations would alleviate potential impacts related to cumulative conditions on a project-by-project basis. Emission reduction technology, strategies, and plans are constantly being developed. As a result, it is not anticipated that the proposed Project would contribute a cumulatively considerable net increase of any nonattainment criteria pollutant. Therefore, cumulative operational impacts associated with implementation of the proposed Project would be **less than significant**.

d) *Expose sensitive receptors to substantial pollutant concentrations?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Refer also to Response 3a, above. A sensitive receptor is a person in the population who is particularly susceptible to health effects due to exposure to an air contaminant than is the population at large.¹ Sensitive receptors are in locations such as day care centers, schools, retirement homes, and hospitals or medical patients in residential homes close to major roadways or stationary sources, which could be impacted by air pollutants. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over 65, children under 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis.

Sensitive receptors near the affected Project site include schools (i.e. Golden Avenue Elementary School, Lemon Grove Middle School) and a number of churches (i.e. First Baptist Church, Apostolic Church International of San Diego, Witness of the Word, Lemon Grove Assembly of God, and Trinity Christian Fellowship). Multi- and single-family residences are present between Central Avenue and Olive Street, and single-family residences are located on Olive Street and at the southern end of the alignment.

Construction activities in close proximity to these locations would potentially expose patients and residents to fugitive dust, although the site is generally developed and does not generally support wide expanses of exposed dirt. Additionally, construction activities would be phased and relatively short-term in nature, and would cease upon completion. All future development occurring within the Project

¹ As adopted by the South Coast Air Quality Management District CEQA Air Quality Handbook per City of San Diego, CEQA Significance Determination Thresholds, January 2011.

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boundaries would be required to conform to standard measures for the control of fugitive dust during site grading and excavation and/or construction. Due to the nature of the proposed land uses, it is anticipated that operational emissions from the proposed Project (parks, gardens, recreation amenities, streetscape improvements, enhanced modes of alternative transportation) would be below SDAPCD thresholds.

Further, the Project is anticipated to reduce vehicle trips in the area by improving access to public transit and means of circulation for bicyclists and pedestrians, thereby reducing potential emissions. As proposed, the Project would not be inconsistent with future development intended by the City for the Project area, and significant impact on air resources is not likely to occur.

As indicated in the City's General Plan MEIR, the City anticipates air quality impacts associated with future build-out of Lemon Grove, but not to a level of significance. Individual development projects would be subject to City evaluation to determine whether potential impacts on air quality would occur and to identify applicable mitigation measures to reduce such impacts to the extent feasible. Due to the nature of the Project as proposed, the Project is not considered to result in a cumulatively considerable net increase of any criteria pollutant. Impacts would be **less than significant**.

4. BIOLOGICAL RESOURCES

Would the project:

- a) *Have a substantial adverse effect either directly or through habitat modifications on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of fish and Game or U.S. Fish and Wildlife service?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Administered by the United States Fish and Wildlife Service (USFWS), the federal and State Endangered Species Acts (ESA) provide the legal framework for the listing and protection of species and their habitats identified as being endangered or threatened with extinction. Actions that jeopardize endangered or threatened species and their habitats are considered a "take" under the ESA. Section 9(a) of the federal ESA (FESA) defines take as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to engage in any such conduct." Section 4(d) of the FESA regulates action that could jeopardize endangered or threatened species. A special rule under Section 4(d) authorizes "take" of certain protected species under approved state NCCP programs.

Additionally, Section 2080 of the California Fish and Game Code prohibits take of any endangered or threatened under the California Endangered Species Act (CESA), which also allows for take incidental to otherwise lawful activity through Section 2081(b) of the Fish and Game Code. Section 2080 states that "no person shall import into this state, export out of this State, or take, possess, purchase, or sell within this State, any species, or any part or product thereof, that the commission determines to be an endangered species or a threatened species, or attempt any of those acts." CESA emphasizes early consultation to avoid potential impacts to rare, endangered, and threatened species and to develop appropriate mitigation planning to offset project-caused losses of listed species populations and their

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essential habitats. For those State-listed species that are also listed under the FESA, Section 2080.1 of the Fish and Game Code requires consistency determinations with federal incidental take statements.

As stated in the City's General Plan (Conservation and Recreation Element), almost all natural biological habitat in Lemon Grove has been previously removed during development activities. The remaining habitat consists of very limited amounts (approximately two acres total) of Diegan coastal sage scrub and/or disturbed wetlands (refer also to Figure CR-1, Vegetation Communities, of the General Plan). The City of Lemon Grove is not located within the boundaries of the County of San Diego Multiple Species Conservation Program (MSCP) or other adopted habitat conservation plan.

A Biological Reconnaissance Report was prepared by Michael Baker International in February 2016; refer to Appendix B. A site-survey determined that existing habitat within the approximate 23.8-acre Project footprint includes developed areas (12.3 acres); disturbed areas primarily consisting of bare dirt and/or non-native weedy vegetation (4.76 acres); non-native vegetated areas dominated by ornamental plantings (6.43 acres); and, disturbed wetlands (0.29 acre) in two segments of an earthen drainage channel that extends along the east edge of a portion of the Project alignment. Although the disturbed wetlands are dominated by cattails, this jurisdictional resource is considered a sensitive habitat.

No special-status plant or wildlife species were observed during the field reconnaissance, and the quality of the onsite habitats and their potential use by special-status species is considered low. Of the total development footprint, the Project would result in permanent impacts to 11.2 acres of disturbed/ornamental areas. Such habitat impacts would not be significant, due to the quality and low potential for use by special-status species. Furthermore, rare plant and protocol wildlife surveys are not recommended due to the disturbed conditions onsite. Future development on the site would occur consistent with all applicable federal, State, and/or local regulations pursuant to the protection of biological resources.

As stated above, if ground disturbance activities occur within the drainage channel for restoration, and if listed species are found to occur within the areas covered by the regulatory agency permitting actions associated with this work, then the Project would have the potential to result in a substantial adverse effect either directly or through habitat modifications on species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Wildlife (CDFW) or U.S. Fish and Wildlife Service (USFWS). However, as no specific grading and/or improvement plans have been prepared to date for restoration efforts within the drainage channel, specific impacts are unknown at this time. Mitigation Measure BIO-1 below is required to ensure that potential Project impacts on any special status species would be reduced to **less than significant with mitigation incorporated**:

MM BIO-1 Prior to any ground disturbance within the onsite earthen drainage for channel restoration, the City shall obtain the required regulatory agency permits for this work, which will involve identifying the potential presence of listed species within the area of take covered by the State and federal permits. If present, then the required permitting actions will include preparation of a Biological Assessment to provide the basis for FESA Section 7 Consultations and issuance of a Biological Opinion by USFWS to evaluate indirect and direct impacts, and identify appropriate mitigation measures to reduce such impacts, which will authorize take of the affected listed species.

b) *Have a substantially adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plan, policies, or regulations or by the California Department of Fish and Game or U.S. Wildlife Service?*

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- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 4a), above. Fed by persistent urban runoff flows, disturbed emergent wetland occurs within the onsite drainage swale characterized by low-growing, perennial wetland species such as common tulle, broad-leaf cattail, and cocklebur. The southern end of the swale is a densely vegetated non-native thicket in which the invasive castor bean and Peruvian and Brazilian pepper trees account for greater than 50% of the total vegetative cover. The remaining swale is a densely vegetated riparian thicket in which non-native, invasive Mexican fan palms account for greater than 50% of the total vegetative cover.

The Project includes removal of trash and debris within the drainage channel, and planting of additional native vegetation and/or placement of cobble within some of the areas adjacent to the channel (not directly within the channel). In addition, future channel restoration activities are proposed that will involve ground disturbance; however, specific grading plans showing the locations and extent of such improvements are not available at this time. Such activities would have the potential to result in a significant impact on jurisdictional areas, and would therefore require federal and State permits pursuant to CWA Sections 404 and 401; and CFG Code Section 1602 (Streambed Alteration Agreement). Implementation of Mitigation Measure BIO-2 below would ensure that such impacts are reduced to **less than significant with mitigation incorporated**.

MM BIO-2

- a. Consistent with Section 15126.4(a)(B) of the CEQA Guidelines, prior to channel restoration within the onsite earthen drainage feature, the following performance measures shall be implemented:

The City shall prepare improvement and grading plans for any restoration activities planned within the onsite earthen drainage channel to specifically indicate the location(s) and extent of where such activities would occur and the specific improvements to be implemented. If phasing of any such restoration activities is proposed, such conditions shall be indicated on the plans.

A jurisdictional delineation and report shall be prepared to map and identify agency jurisdictional impacts.

The City shall meet with those regulatory agencies having jurisdiction over the affected areas to confirm the findings of the jurisdictional delineation.

A determination as to the required permits (e.g., CWA 404 Individual or Nationwide Permit; Section 1602 Streambed Alteration Agreement; and/or, CWA Section 401 Water Quality Certification) shall be made by the affected regulatory agencies. The City shall coordinate with the regulatory agencies to complete the regulatory permitting process. All required regulatory permits shall be obtained, prior to issuance of a grading permit for any channel restoration work.

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b. As part of the above-described permitting actions, FESA Section 7 Consultations may be required (see MM BIO-1), as well as National Historic Preservation Act (NHPA) Section 106 Compliance if ground disturbance activities (i.e. grubbing, excavation) associated with channel restoration activities affect buried cultural resources.

c) *Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including but not limited to marsh vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

As stated above, of the total 23.8-acre development footprint, approximately 0.29 acre of disturbed wetlands are present within two segments of the earthen drainage channel. Although the disturbed wetlands are dominated by cattails, this jurisdictional resource is considered a sensitive habitat. Project impacts would be limited to approximately 11.2 acres of disturbed/ornamental areas.

Refer to Response 4b), above with regard to potential impacts on jurisdictional resources. CWA Section 404 requires that a permit be obtained from the U.S. ACOE prior to the discharge of dredged or fill materials into any "waters of the U.S.," including wetlands. Such permits often require mitigation to offset losses of these habitat types. Waters of the U.S. are broadly defined in the ACOE's regulations (33 CFR 328) to include navigable waterways and their tributaries. Waters of the U.S. encompass both wetland and non-wetland aquatic habitats, such as streams, creeks, rivers, lakes, ponds, bays, and oceans. Wetlands are defined as: "Those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that normally do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas." To fit this definition, an area suspected of being a wetland must have hydrophytic vegetation, hydric soils, and hydrology. Wetlands that are not specifically exempt from Section 404 regulations (such as drainage channels excavated on dry land) are considered to be "jurisdictional wetlands." The ACOE is required to consult with the USFWS, federal and State Environmental Protection Agency (EPA), RWQCB, and CDFW in carrying out its discretionary authority under Section 404.

The Project would enhance the through removal of trash and debris and planting of native vegetation and/or placement of cobble within some of the areas adjacent to the channel (not directly within the channel). Removal of non-native invasive species will promote the proliferation of native plants in the channel; encourage greater use of the enhanced habitat by a more diverse assemblage of native wildlife; and, advance the Project goals by incorporating such restored linear features as a Project amenity for passive recreational use (e.g., birding) and human enjoyment (e.g., beautification). As recommended in the Biological Reconnaissance Report, these wetlands should be maintained as such (i.e., free of non-native invasive vegetation) in perpetuity to enhance the ecological and storm water pollution filtration functions in the channel. Such maintenance work would not require permits under CWA Sections 404 and 401 and Section 1602 of the California Fish and Game Code).

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As described under Response 4b), above, if the City undertakes future channel restoration activities, the Project would have the potential to result in a substantial adverse effect on jurisdictional areas through direct removal, filling, hydrological interruption, or other means. However, implementation of Mitigation Measure BIO-2 would ensure that such impacts are reduced to **less than significant with mitigation incorporated**.

d) *Interfere substantially with the movement of any resident, migratory wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?*

Potentially Significant Impact

X Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

All migratory bird species that are native to the U.S. or its territories are protected under the federal Migratory Bird Treaty Act (MBTA), as amended under the Migratory Bird Treaty Reform Act of 2004 (FR Doc. 05-5127). The MBTA prohibits "take" (kill, harm, harass, capture, etc.) of any migratory bird listed in 50 CFR 10, including their nests, eggs, or products. Migratory birds include geese, ducks, shorebirds, raptors, songbirds, and many other species.

The Project site is located within an urban environment and lands onsite and adjacent to the affected alignment are generally developed and/or disturbed. The existing conditions of the Project area contain a variety of improvement conditions including an earthen drainage channel running parallel with Lemc Grove Avenue, the trolley tracks, and Main Street. Due to the existing setting and the lack of natural habitat, no migratory or wildlife corridors are located on or affect the site.

Common nesting bird species and sensitive raptors protected by the federal MBTA and the California Fish and Game Code could be adversely affected by future implementation of proposed Project if removal of suitable nesting habitat (i.e., mature trees) would occur during the general breeding season (January through September). Mitigation measures are proposed if grading/construction activities would occur during this timeframe and would require a pre-construction survey within 500 feet of the proposed work limits, creation of a buffer around active nests if identified, monitoring of the site during construction activities, and/or cessation of construction activities if nesting birds are observed onsite or adjacent to the site to avoid potential noise impacts. Direct impacts may involve the removal of vegetation with an active nest, and indirect impacts involve construction-related noise levels affecting nesting behavior at active nests near the construction activities possibly resulting in nest abandonment. Direct and indirect Project impacts to nesting birds would be reduced to below a level of significance with implementation of Mitigation Measure BIO-3 listed below.

Although the Project would result in permanent loss of trees that are used by protected avian species and raptors, this would not be a significant cumulative impact because it is assumed these species exist within stable populations in the region.

As such, implementation of the proposed Project would not interfere with the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites with implementation of Mitigation Measure BIO-3. Impacts would be **less than significant with mitigation incorporated**.

MM BIO-3

Vegetation removal, grading and construction performed during the breeding season of avian species protected by the MBTA (January through September) could result in significant direct or indirect impacts to nesting birds, if such nesting is occurring within existing vegetation onsite or adjacent to the construction site(s). Direct impacts could involve the removal of vegetation and trees with an active nest; and indirect impacts could involve construction-related noise levels affecting nesting behavior at active nests near the construction activities possibly resulting in nest abandonment. Therefore, the following mitigation measures shall be implemented to reduce these potential impacts to below a level of significance:

- c. Within 30 days prior to commencement of construction activities, a qualified biologist shall perform a preconstruction survey within 500 feet from the proposed work limits.
- d. If active avian nest(s) are discovered within or 500 feet from the work limits, a buffer shall be delineated around the active nest(s). The appropriate buffers from active nest(s) shall be the distance the biologist determines is necessary to avoid the taking, capturing, or killing of any migratory bird, or any part of their nests or eggs. Areas restricted from such activities shall be staked or fenced under the supervision of the biologist.
- e. The biologist shall monitor the nest(s) weekly after commencement of construction to ensure that nesting behavior is not adversely affected by construction activities. If the biologist determines that nesting behavior is adversely affected by construction activities, then the following noise mitigation program shall be implemented in consultation with CDFW to allow Project construction to proceed:

No construction activities shall occur within any portion of the site where such activities would result in noise levels exceeding 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold) at the edge of occupied habitat, based on noise measurements conducted by a qualified acoustician (possessing a current noise engineer license or registration and noise level monitoring experience for the avian species). Under the direction of a qualified acoustician, noise attenuation measures (e.g., berms, temporary walls, etc.) shall be implemented to ensure that construction-related noise levels do not exceed 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold) at the edge of occupied habitat.

Noise monitoring² shall be conducted at the edge of occupied habitat to ensure that noise levels do not exceed 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold). If the noise attenuation techniques implemented are determined by the biologist to be inadequate to achieve the noise thresholds or otherwise prevent the taking, capturing or killing of any migratory bird, their nests or eggs, then the associated construction activities shall cease until such time that either:

² Construction noise shall continue to be monitored at least twice weekly on varying days, or more frequently depending on the construction activity, to verify that noise levels at the edge of occupied habitat are maintained below 60 dB(A) hourly average (or the ambient noise level, if it already exceeds 60 dB(A) hourly average) and are avoiding the taking, capturing, or killing of any migratory bird, or any part of their nests or eggs.

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enhanced attenuation techniques (e.g., higher walls, more walls, relocated walls, limitations on the placement of construction equipment, simultaneous use of loud equipment) are implemented that can achieve the noise threshold (or the no tak capture or kill standard); OR,

until the young have fledged and are no longer returning to the nest(s).

All such mitigation requirements determined by the biologist to meet the above stated performance standards shall be incorporated into the final biological construction monitoring report.

Once the young have fledged and have left the nest(s), then construction activities may proceed within 300 feet (500 feet for raptor species) of the fledged nest(s). The point in time that the young have fledged from the nest(s) shall be determined by the biologist.

Raptor nests are protected under California Fish and Game Code 3503.5 (California Law 2011) which makes it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes; or to take, possess, or destroy the nests or eggs of any such birds. Consultation with CDFW shall be required prior to the removal of any raptor nest(s) observed during the preconstruction clearance surveys.

e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Refer to Response 4a), above. Due to the largely disturbed/developed nature of the Project site, impacts to existing habitat resulting with the Project would be limited. A number of mature trees are present within the Project boundaries and may be disturbed and/or removed with Project implementation; however, no tree species considered to be sensitive biological resources (i.e., threatened or endangered species at the State or federal level) are present onsite.

The City does not have a formally adopted tree protection ordinance; however, limited regulations are provided in Title 12, Chapter 12.04, Article V, Planting, Trimming, and Removal of Trees, Hedges, and Shrub of the City's Municipal Code pertaining to tree removal and related permitting requirements. Removal and/or replacement of any mature trees with future development along the Project alignment would occur in conformance with City requirements applicable at the time when such activities take place. Additionally, future development onsite would be subject to all applicable federal, State, and local policies and regulations pertaining to the protection of biological resources and tree preservation, as appropriate.

Additionally, the Project would result in the planting of new trees and ornamental landscaping within the Project boundaries as part of the intended enhancements and to reinforce the overall design theme. Ultimately, the Project would result in an increase in the number of trees within the affected corridor over that which exists under current conditions.

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The proposed Project would not result in conflict with local policies or ordinances protecting biological resources or tree preservation. Impacts would be **less than significant**.

f) *Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan and other approved local, regional, or State habitat conservation plan?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 4a), above. The Project site is located within a highly urbanized area and is generally comprised of the existing public ROW along or adjacent to Main Street, utility easement areas, and the onsite drainage channel. Natural habitat within the City is very limited (approximately two acres remaining) due to previous development activities. As such, the City does not lie within the boundaries of an adopted plan intended for long-term conservation of natural or biological resources.

Therefore, the Project would not conflict the provisions of an adopted HCP, NCCP, or other approved local, regional, or State habitat conservation plan. **No impact** would occur.

5. CULTURAL RESOURCES

Would the project:

a) *Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 1b), above. As identified in the Cultural Resources Report prepared by Rincon (May 2014), ten historic resources have been identified within a 0.5-mile radius of the Project site; refer to Appendix C. Four of these resources are located adjacent to the site on the west side of Main Street (3308, 3262, 3268, and 3270 Main Street); however, all of these sites have been previously determined ineligible for listing in the National Register of Historic Places (NRHP). None of these resources would be directly or indirectly impacted by the proposed Project.

One newly recorded resource, the Lemon Grove Monument, lies within the boundaries of the Project site. The monument was originally part of a parade float that occurred in 1928 and was later plastered in 1930 and placed at the center of town on a concrete platform. The monument is a recognizable icon within the community, contributing to its overall character, and is considered locally significant; however, as it does not meet any of the criterion for listing as a historically significant resource, the monument has been recommended ineligible for listing in the California Register of Historical Resources (CRHR). In the event that the City of Lemon Grove develops a local register of historic resources, it is recommended

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that the Lemon Grove Monument be evaluated for listing in that register. The monument would not be disturbed or relocated by the proposed Project, and instead, contributes to the overall intended theme which recognizes the City's history. Therefore, no indirect or direct impacts to this resource would occur.

As such, the Project would not cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5. **No impact** would occur.

b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Rincon initiated Native American coordination for the Project on May 2, 2014. The Native American Heritage Commission (NAHC) was contacted to request a review of the Sacred Lands File (SLF). The NAHC indicated that a search of the SLF "failed to identify Native American cultural resources" within the Project site. The NAHC provided a list of 13 Native American individuals or tribal organizations that may have knowledge of cultural resources in or near the Project site. Because the Project is subject to Senate Bill 18 of 2005 (SB 18), which has been codified into California Law, (California Public Resources Code §65352.3 - 65352.4), the contact list was forwarded to the City of Lemon Grove which will conduct government-to-government consultation.

Additionally, the City undertook consultation for tribal cultural resources, pursuant to State Assembly Bill 52 (AB 52). Per AB 52, lead agencies are required to evaluate a project's potential impact to a "tribal cultural resource." A tribal cultural resource is defined as a site, feature, place, cultural landscape, sacred place or object with cultural value to a California Native American tribe, which may include non-unique archeological resources previously subject to limited review under CEQA. "California Native American tribes" are all tribes (federally recognized or not) on the "contact list" maintained by the Native American Heritage Commission. If substantial evidence demonstrates that a project may cause a substantial adverse change to a tribal cultural resource, AB 52 provides that a project may have a significant effect on the environment. AB 52 also contains a list of potential mitigation measures, including a preference for preservation in place, which must be considered by a lead agency, unless it determines that the measure is infeasible. All consultation requirements were fulfilled by the City of Lemon Grove, pursuant to State regulations. An AB 52/SB 18 tribal notification and request for consultation was sent to all tribes requesting AB 52 tribal consultation for projects and to a July 25, 2016 consultation list of tribes provided by the Native American Heritage Commission (NAHC) after notification of the proposed Project was given to NAHC. As a result of such consultation efforts, the City received a request for consultation from one tribe only. A comment letter from the Viejas Band of Kumeyaay Indians requested that a Kumeyaay Cultural Monitor must be on site for ground disturbing activities to inform the Viejas Band of Kumeyaay Indians of any new developments such as the inadvertent discovery of cultural artifacts, cremation sites, or human remains. This condition will be made a mitigation measure/condition of approval prior to grading permit issuance for grading activities within the Project area. This concluded the tribal consultation.

In May 2014, Rincon conducted a records search was conducted at the South Coastal Information Center (SCIC) located at San Diego State University conducted a search of the California Historical

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Resources Information System (CHRIS). The SCIC records search identified a total of 36 previous studies within a 0.5-mile radius of the Project site, five of which (SCIC report numbers 1121218, 1127505, 1130018, 1130058, and 1131826) include portions of the Project site. Additionally, the SCIC records search identified two previously recorded cultural resources within a 0.5-mile radius of the Project site. Neither of these resources is located within the Project site.

A cultural resources field survey of the Project site was conducted on May 27, 2014. Bare ground visibility during survey varied, as portions of the Project site are paved with asphalt or concrete. Ground visibility within the unpaved portions of the Project site was poor (approximately 30 percent), due to presence of vegetation and duff. All exposed ground surface was examined for artifacts; soil discoloration that might indicate the presence of a cultural midden; soil depressions; and, features indicative of the former presence of structures or buildings or historic debris. Ground disturbances such as burrows were visually inspected. No cultural resources were discovered during the site survey; refer also to Response 5a), above.

The results of the records search, Native American scoping, and field survey indicate that no cultural resources would be impacted by the Project. Based on the results of the records search, Native American scoping, and field survey, no further cultural resources work is recommended for the Project.

However, the Project would have the potential to impact unknown cultural resources during ground disturbing activities occurring with Project implementation. If cultural resources are encountered during ground-disturbing activities, work in the immediate area would halt and such resources would require evaluation. If the discovery proves to be significant under CEQA, additional work such as data recovery excavation may be warranted. As such, the Project would have the potential to cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5. Impacts would be reduced to **less than significant with mitigation incorporated**.

MM CR-1 As buried (unknown) significant archaeological resources (including human remains) may be present onsite or offsite in areas where earth-disturbing activities may occur during Project construction, construction monitoring by a qualified archaeologist and Native American monitor, including a Kumeyaay Cultural Monitor, shall be required during all earth-disturbing activities associated with the Project.

Prior to the issuance of grading or building permits, the Project proponent shall prepare a Cultural Resources Management Plan that will detail how all known cultural resources within the Project site will be avoided and managed, and how unknown resources will be treated in the event of their discovery during earth disturbing activities. The Cultural Resources Management Plan shall be prepared by a qualified archaeologist (defined as an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards as published in Title 36, Code of Federal Regulations, part 61), and shall be submitted to the City of Lemon Grove Development Services Department for review and approval, prior to issuance of the grading and/or improvement permits for the Project.

The Cultural Resources Management Plan shall include the following:

- a. Avoidance and Protection Provisions

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Detailed plan for avoiding, managing and protecting all known cultural sites that have been identified within the Project site boundaries; and, any resources deemed eligible or potentially eligible for the California Register of Historic Resources or other Local Register (if established).

The provisions shall demonstrate that, during all Project earth disturbing activities, avoidance of cultural resource sites shall be the preferred treatment measure, and all impacts to sites that are potentially eligible for the California Register of Historical Resources or other Local Register (if established) shall be avoided to the greatest extent possible by Project redesign. In addition, the Project shall, to the greatest extent possible, avoid the placement of temporary and permanent support facilities within 25 feet of the identified sites.

b. Unanticipated Discovery Protocol

- 1) The provisions shall demonstrate that, during all Project design, construction, and operational activities, avoidance of cultural resource sites shall be the preferred treatment measure, and all impacts to sites that are potentially eligible for the California Register of Historical Resources or other Local Register (if established) shall be avoided to the greatest extent possible by Project redesign. In addition, the Project shall, to the greatest extent possible, avoid the placement of temporary and permanent support facilities within 25 feet of the identified sites.

Specific wording that if evidence of archaeological resources (e.g., chipped or ground stone, historical debris, building foundations, or human bone) is identified during earth disturbing activities, all work within 50 feet of the discovery site shall cease until a qualified archaeologist can assess the significance of the find;

Notification requirements, including immediate notification by the Project proponent to a qualified archeologist and the City of Lemon Grove Development Services Department;

Consultation with the City of Lemon Grove Development Services Department; the qualified archaeologist; Native American representatives (if appropriate); the Project proponent; and, other appropriate agencies, to determine whether the discovered resource can be avoided and if impacts have not occurred, whether work can continue. If it is determined that the resource has been impacted and an assessment of its significance is required, then a qualified archaeologist shall develop appropriate treatment measures for the discovered and impacted resource in consultation with appropriate agencies, and work shall not resume until permission is received from the City.

c. Sensitive Archaeological Locations Monitoring Provisions

- 1) The Project proponent shall provide for a City-approved archaeologist to monitor all earthmoving activities in areas within 50 feet of identified archaeological sites, or in areas that have been determined to have a high sensitivity for prehistoric resources. The archaeologist shall be authorized to halt construction, if necessary, in the immediate area where buried cultural resources are encountered. The monitor shall maintain a daily monitoring log

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that describes monitoring activities and results. This report shall be submitted within 90 days of completion of the archaeological monitoring to the City of Lemon Grove Development Services Department and the South Coastal Information Center.

d. Pre-Construction Onsite Personnel Workshop

- 1) The Plan shall include provisions for a workshop to brief all Project construction workers and supervisors on monitor roles, responsibilities, and authority; restricted areas and approved vehicle corridors; the types of artifacts that may be encountered; penalties for unauthorized collection of artifacts; and, the need to temporarily redirect work away from the location of any unanticipated discovery until it is recorded and adequately documented and treated. The names of all personnel who attend the training shall be recorded. An information package shall be provided for construction personnel not present at the initial preconstruction briefing.

e. Curation Requirements

- 1) The Plan shall state that archaeological collections, final reports, field notes, and other standard documentation collected during Project implementation shall be permanently curated at a facility in San Diego County that meets federal standards per 36 CFR Part 79.

f. Standards for Discovery of Human Remains

- 1) The Plan shall specify standard procedures for recording and treating human remains in accordance with applicable laws, regulations, and guidelines. In-place preservation and protection from further disturbance shall always be the preferred approach. If human remains are discovered, work in the immediate vicinity shall stop until the San Diego County coroner can determine whether the remains are those of a Native American. If they are those of a Native American, the following would apply:

The coroner shall contact the Native American Heritage Commission.

The human remains shall be protected until the County coroner and the MLD and property owner (City) or their representative consult regarding the disposition of the human remains. If the human remains are determined to be prehistoric, the coroner will notify the NAHC, which will determine and notify a most likely descendant (MLD). The MLD shall complete the inspection of the site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

According to the California Health and Safety Code, six or more human burials at one location constitute a cemetery (Section 8100), and willful disturbance of human remains is a felony (Section 7052).

- c) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

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- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

According to the Preliminary Geotechnical Report prepared by GECON (October 2015), the majority of the affected length of the corridor is underlain by either the Mission Valley Formation or the Stadium Conglomerate Formation. A limited area in the northern portion of the site is underlain by Quaternary-age Very Old Terrace Deposits. Areas underlain by the San Diego Formation lie just to the west of the affected alignment as well. Undocumented fill and topsoil (unmapped) are also anticipated to be present within the boundaries of the site.

As indicated in the City's General Plan MEIR (Section 4.10, Geologic Resources), the Mission Valley Formation exhibits a moderate to high potential for the occurrence of paleontological resources. This Formation typically supports a rich middle Eocene molluscan fauna. The Stadium Conglomerate has a low to moderate potential for paleontological resources. The San Diego Formation sandstone part has a very high potential for paleontological resources and typically contains important marine mammal and invertebrate fossils. The Quaternary-age Very Old Terrace Deposits exhibit a moderate to high potential for the occurrence of paleontological resources.

No known paleontological resources are present within the Project area. Due to the highly-disturbed nature of the site, it is not anticipated that unique paleontological resources would be encountered during Project implementation; however, the potential for the discovery of unknown resources does exist. As such, mitigation is required in the event that unknown paleontological resources are discovered to reduce potential impacts to less than significant. All proposed future development shall require impact assessment and mitigation consistent with CEQA requirements for impacts to paleontological resources and in compliance with the City's General Plan Implementation Manual, Conservation and Recreation Program #8. Additionally, the Project would comply with recommendations identified in the geotechnical study prepared for the Project. As such, potential direct or indirect impacts on unique paleontological resources or sites or unique geologic features would be reduced to **less than significant with mitigation incorporated**.

MM CR-2

- a. A Standard Monitor for paleontological resources shall attend a pre-construction meeting to consult with the grading and excavation contractors concerning excavation schedules, paleontological field techniques, and safety issues. A Standard Monitor is defined as an individual who is onsite during all original cutting of undisturbed substratum. The Standard Monitor shall be designated by the Project Applicant and given the responsibility of observing for fossils to ensure that all excavation and grading activities occur.

If a fossil of greater than twelve inches in any dimension, including circumference, is encountered during excavation or grading, all excavation operations in the area where the fossil was found shall be suspended immediately, the City of Lemon Grove Development Services Department shall be notified, and a Project Paleontologist shall be retained to assess the significance of the find. If the fossil is determined to be significant, the Project Paleontologist shall be contracted to

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oversee the salvage program, including salvaging, cleaning, and curating the fossil(s), and documenting the find.

- b. If fossils are discovered, they shall be recovered by the qualified Project Paleontologist. In most cases, fossil salvage can be completed in a short period of time, although some fossil specimens (such as a complete large mammal skeleton) may require an extended salvage period. In these instances, the paleontologist (or paleontological monitor) shall be allowed to temporarily direct, divert, or halt grading to allow recovery of fossil remains in a timely manner. Because of the potential for recovering small fossil remains, such as isolated mammal teeth, it may be necessary to set up a screen-washing operation on the recovery site.
- c. If any sub-surface bones or other potential fossils are found anywhere within the Project site by construction personnel in the absence of a qualified paleontologist or paleontological monitor, the qualified paleontologist shall be notified immediately to assess their significance and make further recommendations.
- d. Fossil remains collected during monitoring and salvage shall be cleaned, repaired, sorted, and cataloged as part of the mitigation program.
- e. Prepared fossils, along with copies of all pertinent field notes, photographs, and maps, shall be deposited (as a donation) in a scientific institution with permanent paleontological collections such as the San Diego Natural History Museum. Donation of the fossils shall be accompanied by financial support from the Project applicant for initial specimen storage.
- f. A final summary report outlining the results of the mitigation program shall be prepared by the Project Paleontologist and submitted to the City of Lemon Grove for concurrence. This report shall include discussions of the methods used; stratigraphic section(s) exposed; fossils collected; and, significance of recovered fossils.

d) *Disturb any human remains, including those interred outside of formal cemeteries?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

e) *Cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code, Section 21074?*

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- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 5b), above. The City has conducted the required consultation per SB 18 and AB 52. No tribal cultural resources (which can include human remains) have been identified on the Project site; however, the proposed Project could result in the inadvertent disturbance of undiscovered tribal cultural resources. Mitigation Measure CUL-1 would be implemented to reduce potential impacts to unknown resources to less than significant.

Although not anticipated, due to the highly disturbed/developed nature of the affected Main Street corridor, the potential to disturb unknown human remains during Project grading and/or excavation activities does exist. To ensure that, if uncovered, any human remains are properly handling and evaluated during future Project development, Mitigation Measure CR-1 would be implemented. As such, Project impacts with regards to potential disturbance of human remains, including those interred outside of formal cemeteries, would be reduced to **less than significant with mitigation incorporated**.

6. GEOLOGY AND SOILS

Would the project:

a) *Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death involving:*

(i) *Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area based on the other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

As indicated in the Preliminary Geotechnical Report prepared for the Project site (GECON Incorporated, October 2015), there are no active or potentially active faults occur onsite or within close proximity; refer to Appendix D. No known Alquist-Priolo Earthquake Fault Zones are located within the boundaries of the City of Lemon Grove. The Newport-Inglewood/Rose Canyon Fault Zone, located approximately seven miles west of the City boundaries is the closest known active fault and is the dominant source of potential ground motion in the City; the Coronado Bank Fault, also a known active fault, is located approximately 14 miles west of the City. The nearest potentially active fault is the La Nacion Fault located approximately two miles west of the City. Seismic activity along other faults within the southern California and northern Baja California area are also considered potential generators of significant ground motion within the City, as these faults have the potential to create moderate to large earthquake events.

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All future construction within the Project boundaries would be required to occur in compliance with applicable local and State building codes (i.e. California Building Code) to minimize the risk of damage or loss as the result of a seismic event, and as reviewed and approved by the City. Additionally, all onsite improvements would be required to comply with the recommendations in the Preliminary Geotechnical Report prepared for the Project as proposed. Such measures would be adequate to ensure that potential impacts relative to the rupture of a known earthquake fault remain **less than significant** for the proposed Project.

(ii) *Strong seismic ground shaking?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 6a.i), above. The City of Lemon Grove is located in southern California which is a seismically-active region that typically experiences relatively small to larger earthquakes on a frequent basis. The Project site is not located within a known fault zone or within one-half mile of a known fault, as discussed above in 6a.i), above. Any future construction onsite would occur in compliance with applicable local and State building codes (i.e. California Building Code), as well as the recommendations provided in the Preliminary Geotechnical Study, to minimize the potential risk of damage or loss from strong seismic ground shaking. Therefore, a **less than significant impact** from strong seismic ground shaking would occur with the proposed Project.

(iii) *Seismic-related ground failure, including liquefaction?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Liquefaction typically occurs when a property is located within a zone with seismic activity, onsite soils are cohesionless or silt/clay with low plasticity, groundwater is encountered within 50 feet of the ground surface, and soil densities are less than approximately 70 percent of maximum dry densities. As indicated in the Preliminary Geotechnical Report, the site and/or adjacent land areas are underlain by Undocumented Fill and Topsoil, Quaternary-age Very Old Terrace Deposits, San Diego Formation, Mission Valley Formation, and Stadium Conglomerate. Due to the lack of near-surface groundwater table and the dense nature of the underlying formational units, liquefaction potential for the site is considered to be low. Additionally, as indicated in the City's General Plan MEIR (Section 4.10, Geologic Resources), there are no known areas subject to liquefaction within the City.

Any construction occurring onsite in the future on the Project site would be in compliance with applicable local and State building codes (i.e., California Building Code) and in conformance with the recommendations of the Preliminary Geotechnical Report for the Project to minimize the potential risk of

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damage or loss from liquefaction. Therefore, a **less than significant impact** from liquefaction would occur with the proposed Project.

(iv) Landslides?

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 6.a.i), above. The Project site is does not support hillsides that would be susceptible to landslides. As stated in the City's General Plan MEIR (Section 4.10, Geologic Resources), no slope failures have been identified within the City boundaries with exception of two residential neighborhoods which have experienced minor slope failure during heavy rain events; however, neither if these areas lies within proximity to the Project boundary. Based on the Preliminary Geotechnical Report, landslide deposits have not been mapped on the Project site, and the risk associated with landslides is considered to be low.

Any future construction occurring onsite would be in compliance with applicable local and State building codes (i.e., California Building Code) and the recommendations of the Preliminary Geotechnical Report to minimize the potential risk of damage or loss from landslides. Therefore, a **less than significant impact** relative to landslides would occur with the proposed Project.

b) Result in substantial soil erosion or the loss of topsoil?

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Ground disturbance occurring with future improvements along the corridor would have the potential to contribute to soil erosion and/or the loss of topsoil during grading or excavation activities where the ground is temporarily exposed. All future development onsite would be subject to applicable local, State, and federal regulations pertaining to grading activities and storm water pollution prevention, including preparation and implementation of a Stormwater Quality Management Plan (SWQMP) to establish erosion and sediment controls (i.e. Best Management Practices) for construction activities. Such development would also be required to comply with the National Pollutant Discharge Elimination System (NPDES) regulations. Compliance with applicable regulations and implementation of standard construction-related erosion control measures would ensure that a **less than significant impact** associated with soil erosion or loss of topsoil would occur with Project implementation.

c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or offsite landslide, lateral spreading, subsidence, liquefaction or collapse?

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Responses 6a.i) to 6a.iv), above. As stated in the Preliminary Geotechnical Report, due to the distance from known active local and regional faults, and absence of inactive, potentially active, and active faulting to occur on or adjacent to the site, the potential for ground rupture hazard to occur onsite is considered to be low. The Preliminary Geotechnical Report also identified a low potential risk for landslides, subsidence, seismic settlement, or liquefaction to occur onsite.

Based on the soil types listed above, the Project corridor itself is not located on a geologic unit or soil that is unstable, or that would become unstable as a result of proposed grading or excavation activities, or other future improvements that would be implemented as part of the Project. The Preliminary Geotechnical Report indicates that the Project site is suitable for the proposed improvements, provided the recommendations identified in in the Report are implemented. Site-specific investigations shall be performed once engineering plans are prepared to provide updated recommendations based on actual soil conditions in areas where structural improvements are proposed, and in particular to determine areas where undocumented fill and/or topsoil underlie the Project corridor. As such, **a less than significant impact** would occur relative to unstable geologic units or soils.

d) *Be located on the expansive soil, as defined in Table 18-I-b of the Uniform Building Code (1997), creating substantial risks to life or property?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Expansive soils are significant because they have the potential to damage foundations, structures, and other improvements due to volumetric changes (shrinking and swelling) caused by variations in moisture and content. As stated in the Preliminary Geotechnical Report prepared for the Project, the potential to encounter expansive soils on the Project site is considered to be moderate to high, based on known conditions on adjacent lands.

Specific design recommendations are identified in the Preliminary Geotechnical Report to reduce the expansion potential of clayey soils that may be discovered onsite, and a site-specific field investigation is recommended to evaluate onsite soils once Project-specific engineering plans are prepared for the proposed improvements. Additionally, any future construction occurring onsite would occur in compliance with applicable local and State building codes (i.e. California Building Code), in addition to the recommendations of the Preliminary Geotechnical Report, to minimize the potential risk of damage or loss from expansive soils. Therefore, impacts would be **less than significant** relative to expansive soils.

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e) *Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

The Project site is located within an urbanized area. The Lemon Grove Sanitation District is responsible for the provision of wastewater collection system management services for the City and its residents and ongoing maintenance and repair of the sanitary sewer main lines. Wastewater from the City is transported to the San Diego Metropolitan Wastewater Department (Point Loma Wastewater Treatment Plant located in the City of San Diego) for treatment.

Due to the nature of the proposed Project, limited demand (i.e. public restrooms) for wastewater treatment would be generated by future development. Adequate capacity is available to serve the Project as proposed. As such, the use septic tanks or alternative wastewater disposal systems for wastewater disposal is not required or proposed. **No impact** would occur.

7. GREENHOUSE GAS EMISSIONS

Would the project:

a) *Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment??*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Global Climate Change

California is a substantial contributor of global greenhouse gases (GHGs), emitting over 400 million tons of carbon dioxide (CO₂) per year.³ Climate studies indicate that California is likely to see an increase of three to four degrees Fahrenheit (°F) over the next century. Methane is also an important GHG that potentially contributes to global climate change. GHGs are global in their effect, which is to increase the earth's ability to absorb heat in the atmosphere. As primary GHGs have a long lifetime in the atmosphere, accumulate over time, and are generally well-mixed, their impact on the atmosphere is mostly independent of the point of emission.

The impact of human activities on global climate change is apparent in the observational record. Air trapped by ice has been extracted from core samples taken from polar ice sheets to determine the global atmospheric variation of CO₂, methane (CH₄), and nitrous oxide (N₂O) from before the start of industrialization (approximately 1750), to over 650,000 years ago. For that period, it was found that CO₂ concentrations ranged from 180 parts per million (ppm) to 300 ppm. For the period from approximately

³ California Energy Commission, California Greenhouse Gas Inventory for 2000-2012 – Trends of Emissions and Other Indicators, May 2014.

1750 to the present, global CO₂ concentrations increased from a pre-industrialization period concentration of 280 ppm to 379 ppm in 2005, with the 2005 value far exceeding the upper end of the pre-industrial period range.

Regulations and Significance Criteria

The Intergovernmental Panel on Climate Change (IPCC) constructed several emission trajectories of GHGs needed to stabilize global temperatures and climate change impacts. It concluded that a stabilization of GHGs at 400 to 450 ppm carbon dioxide equivalent (CO₂eq)⁴ concentration is required to keep global mean warming below 2 degrees Celsius (°C), which in turn is assumed to be necessary to avoid dangerous climate change.

Executive Order S-3-05 was issued in June 2005, which established the following GHG emission reduction targets:

2010: Reduce GHG emissions to 2000 levels;

2020: Reduce GHG emissions to 1990 levels; and,

2050: Reduce GHG emissions to 80 percent below 1990 levels.

Assembly Bill (AB) 32 requires that the California Air Resources Board (CARB) determine what the statewide GHG emissions level was in 1990, and approve a statewide GHG emissions limit that is equivalent to that level, to be achieved by 2020. CARB has approved a 2020 emissions limit of 427 million metric tons (MMT) of CO₂eq.

Due to the nature of global climate change, it is not anticipated that any single development project would have a substantial effect on global climate change. In actuality, GHG emissions from the proposed Project would combine with emissions emitted across California, the United States, and the world to cumulatively contribute to global climate change.

In June 2008, the California Governor's Office of Planning and Research (OPR) published a Technical Advisory, which provides informal guidance for public agencies as they address the issue of climate change in CEQA documents.⁵ This is assessed by determining whether a proposed Project is consistent with or obstructs the 39 Recommended Actions identified by CARB in its Climate Change Scoping Plan which includes nine Early Action Measures (qualitative approach). The Attorney General's Mitigation measures identify areas where GHG emissions reductions can be achieved in order to achieve the goals of AB 32. As set forth in the OPR Technical Advisory and in the amendments to the CEQA Guidelines Section 15064.4, this analysis examines whether the Project's GHG emissions are significant based on a qualitative and performance based standard (CEQA Guidelines Section 15064.4[a][1] and [2]).

City of Lemon Grove

The City of Lemon Grove adopted its Greenhouse Gas Emissions Inventories and Forecast (April 2015), which identified GHG emissions for the City for the years 2010 to 2013 and provided a forecast of likely emissions in 2020. The GHG emissions inventory was intended to provide a foundation for future emissions reductions for the City. The report considers emissions generated by electricity, transportation, natural gas, water, and wastewater. Greenhouse gas emissions for 2010 to 2013 ranged from 78,245 to 79,430 metric tons (MT) per year of CO₂e. Emissions in 2020 are anticipated to be

⁴ Carbon Dioxide Equivalent (CO₂eq) – A metric measure used to compare the emissions from various greenhouse gases based upon their global warming potential.

⁵ Governor's Office of Planning and Research, CEQA and Climate Change: Addressing Climate Change through California Environmental Quality Act (CEQA) Review, 2008.

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82,522 MT CO₂e. It is anticipated that, in order to assist the State in meeting its goal of reducing emissions to 1990 levels by 2020 and to 80% below 1990 levels by 2020, the best opportunities for the City to reduce its emissions would be relative to the electricity, natural gas, and transportation sectors.

Project-related GHG emissions would include emissions from direct and indirect sources. Direct Project-related GHG emissions may include emissions from construction activities, area sources, and mobile sources, while indirect sources include emissions from electricity consumption, water demand, and solid waste generation. Operational GHG estimations are based on energy emissions from natural gas usage and automobile emissions.

The uses proposed are considered to be consistent with that intended and planned for by the City, and would therefore, not result a substantial increase in growth or land use intensity as planned for in the General Plan. As a smart growth project, the intended improvements would be aimed at enhancing opportunities for alternative modes of transit, such as pedestrian and bicycle movement, and connection to public transit (i.e. MTS trolley or bus line). As such, it is anticipated that the Project would contribute to a reduction single-occupancy individual vehicle use, as well as related emissions generated by such modes of transit. As such, the Project would not hinder the City's ability to reduce its GHG emissions in accordance with AB 32 requirements.

In addition to transportation-related improvements, the Project also proposes a number of recreational-related amenities along the alignment. Such amenities may include a skateboard park, bouldering course, art wall, BMX pump track, graffiti wall, a leash-free dog park, par course, Mission Garden and Education Center, enhanced Park Paseo, urban walk, Public Plaza Art Square, Horseshoe/Bocce Ball Court, children's adventure course and sand lot, balance and agility course, rope climbing course, and other recreational amenities. Such activities would generally not involve the generation of substantial quantities of GHG-related emissions, due to their nature; however, limited amounts of GHG emissions would be generated over time from the use of water use, electricity, and transportation (maintenance vehicles).

All future development on the Project site would be required to be consistent with regulations, policies, and goals adopted by the City with regard to GHG emissions and evaluating the effects of climate change. If appropriate, the City may identify the future need for additional project-specific analysis to occur for any element of the proposed Project to ensure that potential effects with regard to GHG emissions are properly identified and mitigation for, if needed. Further, the Project is anticipated to reduce vehicle trips in the area by improving access to public transit and means of circulation for bicyclists and pedestrians, thereby reducing potential greenhouse gas emissions. As proposed, the Project would not be inconsistent with future development intended by the City for the Project area.

Based on the above discussion, the Project is not anticipated to result in the generation of greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. Impacts would be **less than significant**.

b) *Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Refer to Response 7a), above. Impacts would be **less than significant**.

8. HAZARDS AND HAZARDOUS MATERIALS

Would the project:

- a) *Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The majority of the proposed improvements would occur within the existing ROW of Main Street and utility easements; however, in limited areas, encroachment into the MTS Trolley ROW or Union Pacific “sliver” properties would occur. The Project would also result in limited encroachment onto private property in several areas along the corridor.

With development of the site as proposed, the use, transport, or disposal of hazardous materials or substances (i.e. diesel fuel, hydraulic oil, grease, solvents, adhesives, paints, and other petroleum based products) would likely occur; however, these materials would commonly be used during construction and/or routine maintenance activities with the anticipated improvements as proposed. All applicable local, State, and federal safety standards for the safe handling, use, and disposal of such materials would be adhered to in order to ensure that potential impacts are minimized to the extent feasible. As appropriate, a Spill Prevention Control and Countermeasures Plan (SPCCP) would be prepared and implemented in order to minimize the potential for, and effects from, spills of hazardous, toxic, or petroleum substances during construction activities for all contractors. As such, the Project is not expected to create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials. With compliance with applicable regulations, Project impacts would be **less than significant**.

- b) *Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

A Phase I Environmental Site Assessment (Phase I ESA) was completed for the Project site in July 2014; refer to Appendix E. Evidence was identified that suggests that hazardous materials and/or petroleum products may exist along the proposed Project corridor. As part of the Phase I ESA, Rincon reviewed assessment documents available on the Regional Water Quality Control Board (RWQCB) Geotracker⁶ website and the Department of Toxic Substances control (DTSC) Envirostor⁷ website.

⁶ <http://geotracker.waterboards.ca.gov/>

⁷ <http://www.envirostor.dtsc.ca.gov/public/>

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Additionally, Environmental Data Resources (EDR) was contacted to provide a database search of public lists of sites that generate, store, treat, or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the Project and included data from surrounding sites within a specified search radius from the proposed Project area. Properties located adjacent to and near the proposed corridor were listed in the databases searched by EDR. Additionally, historical sources reviewed as part of the Phase I ESA included aerial photographs and topographic maps to determine historic land uses within the Project area.

The sites of interest identified through the databases searched by EDR are generally located within one block of the proposed corridor and have had known chemical releases to soil and groundwater. These sites may have been listed as active or closed environmental cleanup sites on the State Water Board Geotracker website or the Department of Toxic Substances Control (DTSC) Envirostor website.

The Phase I ESA identified evidence of historical unauthorized releases of hazardous materials that have known or potential impacts to the soil, and in some cases, the groundwater within the corridor. The following terms are utilized to classify the unauthorized releases located along the corridor:

Known Areas of Concern are environmental concerns sites that are located immediately adjacent to or within the Main Street Promenade Project corridor within 20 feet of Main Street.

Potential Areas of Concern are environmental sites that are: 1) located between 20 to 200 feet of the subject property; and, 2) have known or suspected impacts to soil or groundwater. Such sites may or may not affect the proposed Project.

Nearby Areas of Concern are sites with no additional information available on the location of a release point, or the nature and extent of contamination or areas historically used by drycleaners, gas station, or other common sources of contamination. Nearby Areas of Concern also include sites where a known release to groundwater has occurred, impacted groundwater plume data is available online, and the impacted groundwater plume is not located within 200 feet of the Project corridor.

It should be noted that an in-house file review at San Diego County Department of Environmental Health (DEH) was not conducted for the sites identified through the EDR database search to identify the actual former location of the known releases and associated areas of potentially impacted soil and groundwater. As such, the sites identified herein may not ultimately affect the Project site. The following represents the findings of the EDR database search; refer to Appendix E for locations of each of the sites identified relative to the proposed Project.

Known Areas of Concern

K1. Eastern Adjacent Presence of Railroad Tracks - A railroad right-of-way (ROW) has been located adjacent to the east of the Project corridor since approximately 1930. Railroad ties were historically treated with creosote, and the track beds were historically treated with herbicides for weed management. Therefore, hydrocarbons, metals, herbicides, and SVOCs (creosote, naphthalene) from the railroad activities are potentially present in the soils surrounding the railroad tracks. Due to the railroad tracks adjacent proximity to the subject property and the potential presence of contaminants from the railroad tracks and railroad maintenance, the nearby presence of the railroad tracks is considered a known area of concern.

Potential Areas of Concern

P1. 2717 Lemon Grove Avenue – AM/PM Mini Market ARCO: According to the Geotracker database this property is located approximately 140 feet southeast of the subject property and experienced a release of gasoline that impacted the soil and groundwater at the facility. The Case Closure Summary,

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ARCO 5393, 2717 Lemon Grove Avenue, Lemon Grove, CA prepared by the County of San Diego, Environmental Health, SAM and dated November 2, 2004, states that “approximately 356 cubic yards of soil with concentrations exceeding 100 mg/kg remain onsite” and that groundwater contamination extends offsite to the northwest. According to the report, groundwater is encountered between 1 and 18 feet below grade and flows to the north. No further information regarding the extent of contamination is provided. Therefore, since the extent of contamination is not delineated, and the fact that contamination is known to extend offsite toward the subject property, the release from this property is considered a Potential Area of Concern.

P2. 3011/3015 Lemon Grove Avenue – Former Shell Service Station: According to the Geotracker database, this facility is located approximately 140 feet east of the subject property and is an open case as of June 30, 2011. Based on our review of the Groundwater Monitoring Report – Section Quarter 2013, Former Shell Service Station, 3015 Lemon Grove Avenue, Lemon Grove, California prepared by Conestoga-Rovers & Associates and dated May 20, 2013, groundwater at this facility is reported to be located between 7 and 12 feet below the top of the well casing and flows toward the west. The quarterly report also states that “hydrocarbon and oxygenate concentrations are not currently delineated to the west of MW-1 and MW-2.” MW-1 and MW-2 are located between the release and the subject property. Therefore, based on the direction of groundwater flow toward the corridor and the fact that the extent of contamination is not delineated, this facility is considered a Potential Area of Concern.

P3. 7770 Broadway – Lemon Grove Property: According to the EDR report, this property is the source of gasoline that impacted the aquifer, which is used for the drinking water supply. No additional information regarding the extent of the release is provided on the Geotracker database. This property is located at the northern terminus of the corridor, on the north side of Broadway, approximately 128 feet to the northwest. This case was reportedly closed on May 17, 1996; however, based on the distance from the subject property and the fact that the extent of contamination is unknown, the release from this property is considered a Potential Area of Concern.

P4. 2607 Lemon Grove Avenue – Sam Somo: This property is located approximately 145 feet to the southeast of the subject property. According to the EDR report, this facility is listed on the SWEEPS UST database and is reported to have 4 tanks of motor vehicle fuel on the property. No releases are reported. No additional information is provided on the Geotracker database; however, there is a possibility that an unauthorized release has occurred on the property. No groundwater information is available for this property.

P5. 1688 San Altos Place: The former Circle K gasoline station is listed on the HIST UST database. Three historical underground storage tanks (USTs) are reported to be associated with the Circle K facility. No releases are reported, and no information is available for the property on the Geotracker or Envirostor database. This property is currently an asphalt-paved parking lot and is located approximately 195 feet northwest of the subject property. Based on the former use of the property as a gasoline station, there is a possibility that an unauthorized release has occurred on the property. No groundwater information is available for this property.

P6. 1801 Massachusetts Avenue – Bell Boy Cleaners: According to the EDR report, this property was occupied by Bell Boy Cleaners in 1971. This property is located adjacent to the northwest (approximately 49 feet northwest) of the subject property. No additional information is provided on the Geotracker database; however, based on the former use of the property as a dry cleaner, there is a potential that an unauthorized release has occurred on this property. No groundwater information is available for properties in the vicinity of this property.

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P7. 1805 Massachusetts Avenue – U-HAUL Moving Center: According to the EDR report, this facility is listed on the HIST UST and SWEEPS UST database. This property is located adjacent to the northwest (approximately 49 feet northwest) of the subject property. No releases are reported; however, three tanks are reported to have been located on the property. No additional information is provided on the Geotracker database; however, there is a possibility that an unauthorized release has occurred on the property. No groundwater information is available for this property.

P8. 7733 Palm Street- 7-Eleven Food Store: According to Geotracker, this facility is listed as a Cleanup Program Site. No additional information pertaining to the release or the extent of contamination is provided on the Geotracker database or in the EDR report. No groundwater information is available for this property. This property is located approximately 140 feet to the east of the subject property.

Nearby Areas of Concern

N1. 7870 Broadway – Palomar Cleaners: According to the EDR report, this property experienced a release of chlorinated hydrocarbons to the aquifer used for the drinking water supply. This property is located approximately 475 feet to the northeast of the subject property. According to the Geotracker database, this property has been occupied by a dry cleaner since the late 1940s, with trichloroethylene (TCE) contamination identified as deep as 40 feet below grade. A letter to DTSC dated August 29, 2013 indicates that in addition to the soil and groundwater contamination found at the subject property, a human health risk to the occupants of the buildings located on the property potentially exists as a result of the contamination beneath the property. According to The Gas Stop Quarterly Groundwater Remediation Report, 7988 Broadway, Lemon Grove, California prepared by Stantec Consulting Corporation and dated July 30, 2009, groundwater is reported between 10 and 23 feet below ground surface and flows to the southwest, in the direction of the subject property. The Gas Stop property is located approximately 765 feet to the east of the Palomar Cleaners property. Based on the proximity to the subject property and the direction of groundwater flow towards the subject property, the release from the Palomar Cleaners property is considered a Potential Area of Concern.

N2. 7988 Broadway – The Gas Stop, Inc.: According to the EDR report, this property experienced a release of gasoline to the aquifer used for the drinking water supply. The case is reported to be open for site remediation. This property is located approximately 1,273 feet to the east northeast of the subject property. According to The Gas Stop Quarterly Groundwater Remediation Report, 7988 Broadway, Lemon Grove, California prepared by Stantec Consulting Corporation and dated July 30, 2009, groundwater is reported between 10 and 23 feet below ground surface and flows to the southwest, in the direction of the subject property. The closest monitoring wells to the subject property are MW-53, located approximately 0.17 mile to the east of the subject property, and MW-63, and located approximately 0.07 mile to the east of the subject property. During the most recent monitoring report, methyl tert-butyl ether (MTBE) was detected in MW-53 at a concentration of 13 micrograms/liter ($\mu\text{g/L}$) and benzene was detected in MW-63 at a concentration of 0.98 $\mu\text{g/L}$. The extent of contamination is not fully delineated. Therefore, the release from this property is considered a Potential Area of Concern.

N3. 8001 Broadway – Arco Petroleum: According to the Geotracker database, this property experience a release of gasoline that impacted the aquifer used for the drinking water supply. The release was discovered during removal of underground storage tanks (USTs) in 1990. This release case is reported to be comingled with the groundwater plume to the northwest associated with Gas Stop located at 7988 Broadway, described above. Groundwater at this property is reported to be between 8 and 22 feet and flow toward the southwest, in the direction of the subject property. This property is located approximately 1,463 feet to the east of the subject property. According to Semi-Annual Groundwater Remediation Report, Tesoro Station No. 42002 (Former ARCO Facility No. 68), 8001 and 7988 Broadway, Lemon

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Grove, California prepared by Stantec Consulting and dated October 30, 2013, groundwater is reported to be encountered between 8 and 22 feet below ground surface and flows toward the southwest, in the direction of the subject property. The closest monitoring wells to the subject property are MW-63, located approximately 370 feet to the east of the subject property, MW-54, located approximately 895 feet to the east of the subject property, and MW-53, and located approximately 365 feet to the east of the subject property. MW-63 reported a concentration of 0.67 µg/L of toluene, MW-54 reported a concentration of 43 µg/L of MTBE, and MW-53 reported a concentration of 14 µg/L of MTBE. The extent of contamination is not fully delineated. Therefore, the release from this property is considered a Potential Area of Concern.

N5. 3516 Main Street – Grove Quality Cleaners: According to the EDR report, this property was occupied by Grove Quality Cleaners in 1956. No additional information is provided in the EDR report or on the Geotracker database. No releases are reported; however, based on the former use of the property as a dry cleaner, it is possible that an unauthorized release has occurred on this property. This property is located approximately 390 feet to the north (upgradient) of the subject property.

N6. 7979 Broadway – Various Dry Cleaners: This property is located approximately 1,265 feet east of the subject property. According to the EDR report, this property was occupied by various dry cleaners since at least 1956. No releases are reported; however, based on the former use of the property as a dry cleaner, it is possible that an unauthorized release has occurred on this property. No groundwater information is available for this property.

Therefore, based on the results of the Phase I ESA, and as discussed above, one known, eight potential, and six nearby areas of concern occur within or adjacent to the Project corridor, due to the unauthorized release of hazardous materials to soil or groundwater. The locations of these concern areas are shown in Figures 2 and 3 of Appendix E. As these sites may have the potential to result in significant impacts relative to hazards and hazardous materials on future development of the Project site, Mitigation Measures HAZ-1 to HAZ-4 are proposed. Implementation of such mitigation measures would reduce Project impacts to less than significant.

Further, the Project does not propose to demolish or renovate any structures onsite that were constructed prior to 1980 and that may contain Lead Based Paint (LBP) or Asbestos Containing Materials (ACMs). Lead is a highly toxic metal that was used up until 1978 in paint used on walls, woodwork, siding, windows and doors. Lead containing materials shall be managed by applicable regulations including, at a minimum, the hazardous waste disposal requirements (Title 22 CCR Division 4.5, the worker health and safety requirements (Title 8 CCR Section 1532.1) and the State Lead Accreditation, Certification, and Work Practice Requirements (Title 17 CCR Division 1, Chapter 8). Asbestos was used extensively from the 1940's until the late 1970's in the construction industry for fireproofing, thermal and acoustic insulation, condensation control, and decoration. The USEPA has determined that there is no "safe" exposure level to asbestos. It is therefore highly regulated by the USEPA, CalEPA, and the CalOSHA. Demolition or renovation operations that involve asbestos-containing materials must conform to San Diego Air Pollution Control District (SDAPCD) Rules 361.140-361.156.

The Project would be subject to applicable requirements that regulate hazardous substances outlined above in compliance with local, State, and federal regulations. Due to conditions in the surrounding area, the Project may create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment; however, a **less than significant impact with mitigation incorporated** would occur.

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MM HAZ-1 Prior to the commencement of any ground-disturbing activities, the City shall prepare a general Soil and Groundwater Management Plan to identify guidelines to sample, excavate, and transport contaminated soil and groundwater, should they be encountered during construction. Onsite monitoring by a qualified professional, as contracted by the City, shall also be conducted during Project excavation in the Known and Potential Areas of Concern to minimize risk to workers and to identify hazardous materials requiring sampling and special handling.

MM HAZ-2 As impacted soils are likely to be present along the railroad corridor, the railroad ROW shall be sampled and analyzed for potential constituents of concern, prior to any Project grading, excavation, and/or construction activities. Data gained from soil sampling and analysis shall be used to:

Identify if impacted soil is present and requires special handling;

Calculate the volume of impacted soil present in the Project area; and,

Profile the soil for removal and disposal/recycling.

All handling, evaluation, and disposal of any contaminated soils shall occur in compliance with applicable local, State, and federal regulations pertaining to such activities.

MM HAZ-3 Prior to Project grading, excavation, and/or construction activities, and consistent with anticipated Project phasing, regulatory files for the following facilities shall be reviewed to determine if hazardous materials or substances may potentially be encountered during Project ground-disturbing activities:

1688 San Altos Place – Former Circle K

1801 Massachusetts Avenue – Bell Boy Cleaners

1805 Massachusetts Avenue – U-HAUL Moving Center

If, after review of available regulatory files, it is determined that any such sites pose the potential to result in the release and/or exposure of hazardous materials and/or substances relative to the Project site, an evaluation shall be conducted to determine the appropriate course of action, if any. All such actions shall occur consistent with applicable local, State, and federal regulations pertaining to the release of or exposure to hazardous materials or substances.

MM HAZ-4 During Project grading and/or excavation, the following shall apply with regard to natural gas pipelines within the area affected by Project improvements:

Natural gas pipelines are present along and across the Project corridor. If the proposed construction activity occurs within the vicinity of a known natural gas or oil pipeline, environmental monitoring may be required. Prior to the commencement of any onsite grading or excavation activities, a qualified hazardous materials

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professional shall be consulted by the City to determine if additional measures are required (i.e. construction monitoring).

- c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The nearest schools to the Project site include the Golden Avenue Elementary School, located at 7885 Golden Avenue, and Lemon Grove Middle School, located at 7866 Lincoln Street, both approximately 0.1 mile to the east of the corridor; Christian Creative Learning Academy, located at 2920 Main Street, adjacent to the west of the corridor; Monterrey Heights Elementary School, located at 7550 Canton Drive, approximately 0.2 mile to the east of the corridor; and, the Keiller Leadership Academy, located at 7270 Lisbon Street, approximately 0.24 mile to the east of the corridor.

Refer to Responses 8a) and 8b), above. As several area schools occur within 0.25 mile of the Project site, the Project may have the potential to result in the emission of hazardous materials or require the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of a school. However, any use of hazardous materials may be required during the construction and/or operational phases (i.e. gasoline, oil, exhaust from construction equipment, pesticides/herbicides, fertilizers, etc.) would be minimal and typical of construction and/or maintenance activities and are not anticipated to result in the use, handling, and/or disposal of substantial amounts of hazardous materials or substances. All Project construction and long-term operation activities would occur in conformance with applicable local, State, and federal regulations pertaining to the handling of hazardous wastes or materials. As such, Project impacts would be **less than significant**.

- d) *Be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 8a), above. All future development on the Project would be subject to applicable local, State, and federal regulations pertaining to the handling and disposal of such substances, as applicable, to ensure that potential impacts are minimized to the extent feasible. As appropriate, conditions would be evaluated on a project-specific basis, and at the time when specific improvements are proposed. As such, the Project would not create a significant hazard to the public or the environment, and a **less than significant impact** would occur.

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- e) *For a project located within an airport land use plan, or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the area?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The nearest airports to the site include Gillespie Field (public), located approximately 6.2 miles to the northeast; Montgomery Field (public), located approximately 7.6 miles to the northwest; and, San Diego International Airport (public), located approximately 7.5 miles to the west.

The subject property is not located within the boundaries of an airport land use plan for a private airstrip or public airport, and due to the nature of the proposed improvements, the Project would not result in a safety hazard for people residing or working in the area. **No impact** would occur.

- f) *For a project within the vicinity of a private airstrip would the project result in a safety hazard for people resident or working in the project area?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion

The Project site is not located within the vicinity of a private airstrip. No residential uses are proposed as part of the Project. Due to the nature of the proposed improvements along the Project alignment, the Project would not result in a safety hazard with regard for people resident or working within the Project area. **No impact** would occur.

- g) *Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The City, along with 17 other cities, San Diego County, and the Rancho Santa Fe Fire Department, implements the Multi-Jurisdictional Hazard Mitigation Plan which is a Countywide plan that identifies risks and ways to minimize damage by natural and manmade disasters. The plan is a comprehensive resource document that serves many purposes such as enhancing public awareness, creating a decision tool for management, promoting compliance with State and federal program requirements, enhancing local policies for hazard mitigation capability, and providing inter-jurisdictional coordination.

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Pursuant to the State Emergency Services Act, all cities in California are required to implement a plan for response to emergency and disaster situations. The City of Lemon Grove's Emergency Plan was last updated in 1992. The purpose of the Emergency Plan is to provide the framework for responding to all types of emergencies or disasters that may potentially occur in the City. The Plan takes a multi-hazard, or all hazard planning approach, and is compatible with the State's Multi-hazard Functional Planning Guidance (MHFP), the federal Integrated Emergency Management System (IEMS), and other local plans.

The proposed Project would result in improvements along the affected alignment to ultimately result in design and future construction of a safe, comfortable, and enjoyable place for people to socialize, walk, bike, and run, among other activities, while maintaining utility maintenance and emergency access spanning the length of the Project alignment. The Project design has been carefully evaluated with regard to how circulation patterns along the corridor and surrounding streets would be potentially affected by the proposed improvements; refer also to Section 16, Traffic and Transportation, of this Initial Study. Further, Project phasing has been considered to ensure that disruption to traffic circulation and parking for existing adjacent land uses is minimized. As applicable, a traffic control plan would be prepared and implemented for the various improvements proposed along the corridor to ensure continued public safety and to minimize disruption to the flow of traffic during Project construction.

The proposed improvements are not anticipated to impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan. A **less than significant impact** would occur.

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas, or where residences are intermixed with wildlands?

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Wildland urban interface (WUI) areas typically have steep slopes, limited precipitation, and plenty of available fuel/combustible plant material. As indicated in the City's General Plan MEIR (Section 4.15, Public Health and Safety), the potential for wildland fires to occur within the City's boundaries is considered to be low as the City is generally built out, and limited areas where large expanses of natural vegetation exist. Vacant areas within the City lack sufficient fuel to produce a dangerous, uncontrolled wildfire with the potential to quickly spread.

The City of Lemon Grove Fire Department became part of Heartland Fire and Rescue in 2010. In forming Heartland Fire and Rescue, the cities of El Cajon, La Mesa, and Lemon Grove agreed to co-manage fire and emergency medical services in order to provide high-quality services and cost-saving opportunities. Heartland Fire and Rescue offers combined resources including eight fire stations, nine engine companies, two truck companies, three paramedic transport units, and one transport unit (Peak Hour Unit) and serves approximately 180,000 residents. The Project site would be served from Station 10 located at 7853 Central Avenue with support from other area stations, as needed.

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All future development on the Project site would be required to conform to City requirements to reduce the risks of wildfire. Heartland Fire Rescue actively promotes fire prevention through a variety of programs to reduce the risk of injury and property damage. The City's Weed Control and Waste Matt Ordinance permits the Fire Department Chief to identify potential fire hazards on private property such as weeds, dry grasses and shrubs, and rubbish. Where fire hazards are identified, the Chief can serve the property owner with a notice and require clean-up of the property to reduce the potential fire hazard.

As such, the Project site is located within a highly urbanized area of the City of Lemon Grove and is not considered to be located in an area susceptible to a high risk of fire. Rather, the potential for wildfire to occur is considered to be low. No physical development would occur with the proposed Project that would expose people or structures to a significant risk caused by wildfire. Therefore, **no impact** with regard to wildfire would occur.

9. HYDROLOGY AND WATER QUALITY

Would the project:

a) *Violate any water quality standards or waste discharge requirements?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

A Preliminary Drainage Study and Stormwater Quality Management Plan (SWQMP) were prepared by Michael Baker International in January 2016 to analyze the Project's potential impacts to Hydrology and Water Quality; refer to Appendices F-1 and F-2, respectively.

The Project site is located in the Major Drainage Basin Area 136 as defined by the City of Lemon Grove Master Plan of Drainage (October 1997). The Lemon Grove Ave Drainage Basin (Area 136) is located in the southeasterly portion of the City and encompasses approximately 1.7 square miles (or 1,059 acres). The Project site accounts for approximately 1.04 percent of this local drainage area.

The Project would comply with applicable Regional Water Quality Board regulations and requirements, and the proposed construction documents shall be consistent with the entitlement approvals. The Lemon Grove Municipal Code requires that the construction documents submitted to the City of Lemon Grove for permits shall conform to the Regional Water Quality Board regulations and requirements.

In general, runoff from the Project site currently sheet flows to the east into a system of culverts and drainage ditches located between Main Street/San Altos Place and the train tracks. The ditch system runs to the south, ultimately outfalling to an existing concrete culvert at Broadway Avenue and Akins Avenue. Only the northern-most drainage area of the site drains to the northwest, and not to the ditch system.

With Project implementation, imperviousness would decrease in certain areas of the site, due to the removal of portions of Main Street; however, overall the Project would add approximately 0.63 acres of impervious area with construction of the proposed 12-foot wide, two-way multi-paved trail, picnic areas, and parking improvements to achieve compliance with the American Disabilities Act (ADA); however, the Project would not increase the peak 100-year storm discharge from the onsite contributing watershed due to the addition of proposed onsite biofiltration areas (bioretention with underdrain), as

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shown in *Table 9-1, Project Hydrology*, below. Additionally, portions of the existing natural channel would be restored with planting, amended soil, and cobble as part of the Project. These improvements would help improve the drainage capacity of the channel, and therefore, decrease the potential for flooding to occur. Flows from all onsite impervious areas would enter the proposed biofiltration areas, or the restored natural drainage channel, prior to discharging from the site. The biofiltration areas would serve as a surface and sub-surface water filtration system that would capture and treat runoff from the impervious areas onsite by filtering onsite storm water flows through vegetation and soil (or engineered media) prior to discharge via underdrain or overflow to the downstream conveyance system. Such areas would provide for the removal of sediments and pollutants by controlling runoff peaks through onsite retention and reduction in the rate of stormwater flows through the site. Existing drainage patterns of the watershed would therefore be maintained, and the Project would not increase the peak 100-year storm discharge as the biofiltration areas would capture and attenuate flow rates of the majority of runoff from the site.

The SWQMP identifies Project-specific design and maintenance measures (Best Management Practices, or BMPs) for both construction and long-term operations onsite to ensure that water quality is maintained and that polluted stormwater does not exit the site to other offsite lands or the storm drain system.

Additionally, Project construction would be required to occur in compliance with the San Diego Municipal Storm Water Permit (Order No. 2001-01, NPDES). A Project-specific SWQMP would be prepared to ensure that the potential for erosion to occur during Project construction would be minimized. The SWQMP would identify specific pollution prevention measures (BMPs) for implementation during the construction phase in order to minimize or avoid potential point and non-point pollution sources on the subject site. The SWQMP would be prepared consistent with applicable requirements of the NPDES and would: identify potential pollutant sources during construction, as well as potential non-stormwater discharges; provide a water quality monitoring and sampling plan; and, identify, implement, and maintain appropriate BMPs to minimize potential pollutants associated with Project construction.

As designed, the Project would not violate or conflict with any adopted water quality standards or waste discharge requirements. Impacts would be **less than significant**.

TABLE 9-1 PROJECT HYDROLOGY

Drainage Area 136	1,059 acres
Existing Impervious Area	539.25 acres = 50.91% of drainage area
Proposed Impervious Area	539.88 acres = 50.97% of drainage area
Existing Runoff Coefficient	0.63
Proposed Runoff Coefficient	0.63

- b) *Substantially degrade groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the groundwater table level ((e.g. the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?*

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- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 9b), above. The Project would add approximately 0.63 acre of impervious area within the 1,059-acre Project watershed in the proposed condition, thereby potentially reducing the amount of water that can infiltrate through the earth's surface to replenish groundwater supplies; however, the Project has been designed to mitigate peak flows from the site to pre-Project levels via onsite biofiltration areas. Flows from all onsite impervious areas would enter the new biofiltration areas, prior to discharging from the site.

The Project site is currently served by the Helix Water District which provides public water service within the City's boundaries. The Project would result in a slight increase in demand for water services, due to the nature of the proposed improvements (i.e. public restrooms); however, the use of groundwater is not proposed, as the public water system is available and adequate to serve the proposed Project.

As such, the Project would not substantially degrade groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the groundwater table level. A **less than significant impact** would occur.

- c) *Substantially alter existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would resulting a substantial erosion or siltation on- or off-site?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

No rivers or streams traverse the Project site, and no such features would therefore be affected by the proposed improvements. As indicated in the Preliminary Drainage Study for the Project site (Michael Baker International, January 2016), storm water runoff volumes from the Project site would not substantially increase from existing conditions with implementation of the Project.

The Project would not result in physical ground disturbance (such as grubbing, excavation, etc.) within the onsite drainage channel, and the proposed limits of grading would be set back from the channel edge. The Project proposes to preserve the existing alignment and profile of existing drainage patterns throughout the Project site and would enhance and incorporate the channel into the Project design through removal of trash and debris, amended soil, planting of additional vegetation, and/or placement of cobble within some of the vegetation areas adjacent to the drainage channel (not directly within the channel). Such improvements would help to decrease the potential for erosion within the channel to occur. Further, the removal of non-native invasive species within the disturbed wetland habitat is recommended to promote the proliferation of native plants in the channel; encourage greater use of the enhanced habitat by a more diverse assemblage of native wildlife; and, advance the Project goals by

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incorporating such restored linear features as a Project amenity for recreational use (e.g., birding) and human enjoyment (e.g., beautification).

All Project improvements would occur in conformance with applicable regulations and requirements of the Regional Water Quality Control Board. Additionally, Best Management Practices, as identified in the SWQMP prepared for the Project (Michael Baker International, January 2016) would be implemented to ensure that the potential for erosion or siltation to occur onsite or on offsite lands during construction or over the long-term is reduced to the maximum extent feasible.

Therefore, the Project would not substantially alter existing drainage pattern of the site or area in a manner that would result in a substantial erosion or siltation on- or offsite. Impacts would be **less than significant**.

d) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate of surface runoff in a manner which would resulting flooding on- or off-site.*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Refer to Response 9c) above. The Project site is not located within a floodplain or zone, and is not subject to the potential for flooding. As indicated in the Preliminary Drainage Study prepared for the Project site (Michael Baker International, January 2016), storm water runoff volumes from the Project site would not substantially increase from existing conditions with implementation of the Project.

No streams or rivers occur onsite. The Preliminary Drainage Study determined that the Project would not increase the peak 100-year storm discharge from the onsite contributing watershed with the addition of proposed onsite biofiltration areas. In both the existing and proposed conditions, the flow paths and drainage areas would not substantially change as a result of the proposed improvements. The only variable that would change is the runoff coefficient, due to changes to the quantity of impervious area onsite. Overall, impervious area within the 1,059-acre Project watershed would increase by 0.63 acre with Project implementation, and thus, the peak flow from the site would increase by that proportion, which would be negligible; however, the peak flow would be mitigated to pre-Project levels via the proposed onsite biofiltration areas. Flows from all impervious onsite areas would enter the new biofiltration areas onsite, prior to discharging to the existing drainage ditch that runs parallel to the site.

As such, drainage patterns and drainage areas would not substantially change as a result of the Project. The Project site would continue to drain to the east to the existing drainage ditch system. As described under Response 4b), the Project includes removal of trash and debris within the onsite drainage channel, and planting of additional native vegetation and/or placement of cobble within some areas adjacent to the channel (not directly within the channel). In addition, future channel restoration activities are proposed that would involve ground disturbance; however, specific grading plans showing the locations and extent of such improvements are not available at this time. Such elements would improve functionality of the channel; however, the ultimate downstream discharge points would remain the same, and an increase in peak runoff would not occur as a result of the Project.

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Additionally, all Project construction activities would occur in compliance with applicable Regional Water Quality Control Board regulations and requirements. The City's Municipal Code also requires that all construction documents prepared for development projects conform to Regional Water Quality Control Board regulations and requirements.

Therefore, the Project would not substantially alter the existing drainage pattern of the site or area or substantially increase the rate of surface runoff in a manner which would result in flooding on- or offsite. Impacts would be **less than significant**.

e) *Create or contribute runoff which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 9c), above. As indicated in the Preliminary Drainage Study, the proposed Project would not result in an increase in peak stormwater runoff from the site. The Project would not contribute runoff that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. The City's existing stormwater drainage system facilities serving the Project area are considered to be adequate to accommodate the proposed Project. **No impact** would occur.

f) *Otherwise substantially degrade water quality?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Responses 9a) and 9c), above. A **less than significant** impact would occur.

g) *Place housing within a 100-year floodplain on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Project is not located within the boundaries of a 100-year floodplain. No residential housing is proposed with the Project. Therefore, the Project would not place housing within a 100-year floodplai

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on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map. **No impact** would occur.

h) *Place within a 100-year flood hazard area structures which would impede or redirect flood flows?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 9g), above. The Project would not place within a 100-year flood hazard area structures that would impede or redirect flood flows. **No impact** would occur.

i) *Expose people or structures to significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

As number of flood-prone areas have been mapped by the Federal Emergency Management Agency (FEMA) within Lemon Grove, as shown in Figure S-3, Flood Zones, of the General Plan Safety Element; however, the Project site lies outside of any delineated inundation areas for the 100-year and 500-year floodplains. Other areas within the City are subject to recurring flooding, generally during heavy rains, due to insufficient drainage infrastructure, but are not located within the vicinity of the Project site. Additionally, the General Plan and General Plan EIR do not indicate that the Project site lies within an inundation zone for a dam or levee, and therefore, the potential for adverse effects resulting with the failure of such infrastructure is considered to be low.

The Project would therefore not expose people or structures to significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam. **No impact** would occur.

j) *Inundation by seiche, tsunami, or mudflow?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

As indicated in the Geotechnical Report prepared for the Project (GEOCON, October 2015), the Project site is not located in the vicinity of any large water body that is susceptible to the occurrence of seiche or tsunami. The Project site is located approximately 5.2 miles to the northeast of San Diego Bay (Pacific Ocean) at its closest point. Additionally, the proposed Project is not located in an area where mudflows

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occur, and the site and surrounding lands are relatively flat. The City General Plan Safety Element also states that the probability of tsunami or seiche is extremely low, and therefore, such conditions are not further addressed within the Element.

Therefore, the potential for inundation from seiche or tsunami is considered to be low. **No impact** would occur.

10. LAND USE PLANNING

Would the project:

a) *Physically divide an established community?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

This Project area is located within an urbanized environment in the vicinity of downtown Lemon Grove. The Project site varies in width and generally includes the rights-of-way of Main Street and intersecting streets, a drainage channel, and utility easement areas.

The affected segment of the Main Street alignment traverses existing and planned mixed-use high-density areas, single-family residential zones, and the City's Civic Center. From north to south, existing land uses along the Project alignment (Main Street) include: (1) Metropolitan Transit Services (MTS) Trolley Station at Main Street/Broadway, City Hall and visitor-serving commercial buildings, and the Civic Center Park between Broadway and Central Avenue; (2) multi- and single-family residences and a church between Central Avenue and Olive Street; and, (3) single-family residences between Olive Street and the southern end of the alignment and a large vacant lot (planned future Citrus Heights development, to the west of the MTS Substation), with exception of several commercial uses located at the Main Street/Massachusetts Avenue intersection.

The affected segment of Main Street is an existing roadway supporting relatively high volumes of traffic. The MTS light rail is present between Main Street and Lemon Grove Avenue, adjacent and easterly of the proposed Project. Further, the existing drainage channel runs through the central portion of the site. These elements in themselves currently provide somewhat of a physical division within this portion of the community, posing restrictions to vehicular circulation and barriers to pedestrian and bicycle use and safety, particularly to east-west movements.

The Project is primarily being funded via a grant awarded to the City through the SANDAG Smart Growth Incentive Program, aimed at improvement projects that are intended to support compact, transit-oriented type development that also creates places of interest within a community. The Project proposes improvements to create a community corridor that supports active lifestyles and transportation choices by providing a safe, beautiful, and sustainable linear parkway that connects people, places, and activities for future generations. Further, the Project represents an opportunity to enhance connections between existing (and future) residential neighborhoods in the central and southern areas of the City with the heart of the City, including the City's two trolley stations (the Massachusetts and the Lemon Grove Trolley Stations) and local businesses. Overall, the Project is intended to ultimately result in design and future construction of a safe, comfortable, and enjoyable place for people to socialize, walk,

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bike, and run, among other activities, while maintaining utility maintenance and emergency access spanning the length of the alignment.

Although the Project would result in several road closures along the alignment, such actions are intended to enhance vehicular and alternative modes of transportation, increase public safety for visitors to the area, and allow for construction of the proposed improvements for public enjoyment and recreation. As such, the Project would not physically divide an established community. Impacts would be **less than significant**.

b) Conflict with an applicable land use plan, policy or regulation of agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating environmental effect?

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Lands within the affected Project alignment have varied General Plan land use designations and zoning classifications. The Project does not propose to change any such existing conditions. As proposed, the Project is considered to be consistent with the existing General Plan land use designation and zoning classification of adjoining lands, and would not represent a land use that would conflict with surrounding uses. The Project site consists of ROW and utility easements and is designated in the General Plan as transportation land use but is not zoned. Due to its inland location, the site is not located within the boundaries of a Local Coastal Program.

The Project would revise the General Plan to allow for revisions to implement the project's goals, vision, guidelines for future construction, and proposed land uses into the Land Use Element through a Special Treatment Area. The changes to the General Plan ensure that the improvements proposed along the alignment are not in conflict with the City's intended long-term vision for future development on lands affected by the Project. The Project is consistent with the goals of the Conservation and Recreation Element because the Project will construct recreational amenities consistent with the City's overall goals for the provision of public recreational facilities within the community. Similarly, the Project addresses transit, the active transportation network, and/or the bikeway network consistent with the Health and Wellness Element (refer to Map 6, Existing and Proposed Bikeway Network, of the Element). As applicable, environmental mitigation measures identified through preparation of the Initial Study are incorporated into the GPA in compliance with CEQA requirements.

As previously stated, the Project alignment connects Special Treatment Area II (STA II) and SANDAG Smart Growth Area LG3 to the Lemon Grove Depot (SANDAG Smart Growth Area LG2 and DVSP).

Additionally, the Project design includes the closure of the north end of Main Street south of Broadway. The closure of this intersection was previously approved in concept as a part of the Downtown Village Specific Plan Amendment (Main Street Promenade), and therefore, the Project would not result in conflict with the Downtown Village Specific Plan (DVSP); however, such closure may affect the provision of convenient access to the existing businesses south of Broadway on Main Street. As such, the phasing of improvements is proposed to allow for implementation of a portion of the improvements to accommodate more efficient vehicle parking, enhanced sidewalk areas adjacent to the businesses, and

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relocation of the existing bus stop from Main Street to Broadway. The final phase of the Main Street/Broadway intersection improvements would occur upon future redevelopment of the block, consistent with that identified in the Downtown Village Specific Plan.

Figure 5-1, Lemon Grove Existing and Proposed Bikeway Network, of the current Bikeway Master Plan (GPA06-001, November 2006) provides an illustration of the planned improvements to the City's bicycle network over the long-term. The system of bikeways is classified into Class I, II, and III bikeway categories (consistent with classifications used by the California Department of Transportation, or Caltrans). The Master Plan also includes a list of intended improvements to the bikeway network; refer to Section 5.3, Recommended Network Projects. The Project would result in the addition (and/or enhancement) of bike paths along the affected alignment to improve circulation and connectivity, encourage this mode of travel, and improve rider safety; however, as proposed, several of these improvements may be inconsistent with those identified in the Bikeway Master Plan, and hence, the new Special Treatment Area allows for these deviations to the Bikeway Master Plan. At this time, the proposed Class 1 multi-use paths and the Class 3 bike route (Bikeway Boulevard) are consistent with the Bike Master Plan, and no changes are expected to this plan.

Due to the Project's inland location, the site is not located within a Local Coastal Zone. Therefore, the site is not subject to an adopted Local Coastal Program, and no conflicts would occur.

As described above, the Project as proposed may result in conflict with several applicable plans adopted for the purpose of avoiding or mitigating an environmental effect; however, following City approval of the proposed amendment to the General Plan, the Project would be considered consistent with these documents, and a conflict would no longer occur. As such, the Project would result in a **less than significant impact** in this regard.

c) *Conflict with any applicable habitat conservation plan or natural communities' conservation plan?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Multiple Species Conservation Program (MSCP) is a comprehensive habitat conservation planning program that addresses multiple species habitat needs and the preservation of native vegetation communities for a 900-square-mile (582,243 acres) area in southwestern San Diego County. The MSCP includes 11 city jurisdictions, portions of the unincorporated County of San Diego, and several special districts. It is one of three sub regional habitat planning efforts in San Diego County that contribute to the preservation of regional biodiversity through coordination with other habitat conservation planning efforts throughout southern California. The City of Lemon Grove is not located within the boundaries of the MSCP or other adopted habitat conservation plan.

As stated in the City's General Plan (Conservation and Recreation Element), almost all natural biological habitat in Lemon Grove has been previously removed during development activities. The remaining habitat consists of very limited amounts (approximately two acres total) of Diegan coastal sage scrub and/or disturbed wetlands (refer also to Figure CR-1, Vegetation Communities, of the General Plan).

Therefore, the Project would not conflict with any applicable habitat conservation plan or natural communities' conservation plan. **No impact** would occur.

11. MINERAL RESOURCES

Would the project:

a) *Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

There are no known mineral resources of value located within the City of Lemon Grove. Additionally, as stated in Chapter 6.0, Other Required CEQA Sections, of the General Plan MEIR, as the City is primarily built-out, and only 65 acres of land remain undeveloped in the City, no significant resources with respect to aggregate resources exist.

Lands within the Project boundaries are generally highly disturbed and/or developed, and the majority of ground surface has been previously graded and/or excavated. Therefore, the potential for unknown mineral resources to occur is considered to be low. As such, the Project would not result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State. **No impact** would occur.

b) *Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 11a), above. No known mineral resources are located within the City boundaries. **No impact** would occur.

12. NOISE

Would the project:

a) *Expose persons to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

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Discussion:

Sound is mechanical energy transmitted by pressure waves in a compressible medium such as air, and is characterized by both its amplitude and frequency (or pitch). The human ear does not hear all frequencies equally. In particular, the ear deemphasizes low and very high frequencies. To better approximate the sensitivity of human hearing, the A-weighted decibel scale (dBA) has been developed. On this scale, the human range of hearing extends from approximately three dBA to around 140 dBA.

Noise is generally defined as unwanted or excessive sound, which can vary in intensity by over one million times within the range of human hearing; therefore, a logarithmic scale, known as the decibel scale (dB), is used to quantify sound intensity. Noise can be generated by a number of sources, including mobile sources such as automobiles, trucks, and airplanes, and stationary sources such as construction sites, machinery, and industrial operations. Noise generated by mobile sources typically attenuates (is reduced) at a rate between three dBA and 4.5 dBA per doubling of distance. The rate depends on the ground surface and the number or type of objects between the noise source and the receiver. Hard and flat surfaces, such as concrete or asphalt, have an attenuation rate of three dBA per doubling of distance. Soft surfaces, such as uneven or vegetated terrain, have an attenuation rate of about 4.5 dBA per doubling of distance. Noise generated by stationary sources typically attenuates at a rate between 6 dBA and about 7.5 dBA per doubling of distance.

There are a number of metrics used to characterize community noise exposure, which fluctuate constantly over time. One such metric, the equivalent sound level (L_{eq}), represents a constant sound that, over the specified period, has the same sound energy as the time-varying sound. Noise exposure over a longer period of time is often evaluated based on the Day-Night Sound Level (L_{dn}). This is a measure of 24-hour noise levels that incorporates a 10-dBA penalty for sounds occurring between 10:00 p.m. and 7:00 a.m. The penalty is intended to reflect the increased human sensitivity to noises occurring during nighttime hours, particularly at times when people are sleeping and there are lower ambient noise conditions. Typical L_{dn} noise levels for light and medium density residential areas range from 55 dBA to 65 dBA. Two of the primary factors that reduce levels of environmental sounds are increasing the distance between the sound source to the receiver and having intervening obstacles such as walls, buildings, or terrain features between the sound source and the receiver. Factors that act to increase the loudness of environmental sounds include moving the sound source closer to the receiver, sound enhancements caused by reflections, and focusing caused by various meteorological conditions.

REGULATORY FRAMEWORK

State of California

The State Office of Planning and Research Noise Element Guidelines include recommended exterior and interior noise level standards for local jurisdictions to identify and prevent the creation of incompatible land uses due to noise. The Noise Element Guidelines contain a land use compatibility table that describes the compatibility of various land uses with a range of environmental noise levels in terms of the Community Noise Equivalent Level (CNEL).

City of Lemon Grove

General Plan

Applicable policies and standards governing environmental noise in the City of Lemon Grove are set forth in the Noise Element of the *City's General Plan*. Such policies are part of a comprehensive program to limit the exposure of the community to excessive noise levels. The Element contains noise

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and land use compatibility standards for general planning/land use decisions. *Table 12-1, Existing Land Use Compatibility Standards*, categorizes the City's land uses in terms of community noise exposure.

Municipal Code

Local discretionary authority lies in establishing policy to protect noise-sensitive uses from noise sources, rather than in controlling the source itself. Non-transportation noise sources are regulated by the City's Noise Abatement and Control Ordinance (Chapter 9.24 of the Municipal Code). The Ordinance regulates the allowable noise exposure on receiving properties (varying with differing noise sensitivity), the noise generation level of certain activities, and in some cases, allowable hours of operation for activities that generate substantial levels of noise.

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TABLE 12-1 EXISTING LAND USE COMPATIBILITY STANDARDS

LAND USE CATEGORY	COMMUNITY NOISE EXPOSURE L _{dn} or CNEL, dB						
	55	60	65	70	75	80	85
Residential							
Transient Lodging – Motels, Hotels							
Schools, Libraries, Churches, Hospitals, Nursing Homes							
Auditoriums, Concert Halls, Amphitheaters, Sports Arenas							
Playgrounds, Neighborhood Parks							
Gold Courses, Riding Stables, Water Recreation, Cemeteries							
Office Buildings, Business Commercial and Professional							
Industrial, Manufacturing, Utilities, Agriculture							

INTERPRETATION

NORMALLY ACCEPTABLE

Specified land use is satisfactory, based upon the assumption that any buildings involved area of normal conventional construction, without any special noise insulation requirements.

CONDITIONALLY ACCEPTABLE

New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction closed windows and fresh air supply systems or air conditioning will normally suffice.

NORMALLY UNACCEPTABLE

New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and the needed noise insulation features included in the design.

CLEARLY UNACCEPTABLE

New construction or development should generally not be undertaken.

Source: Lemon Grove General Plan Master Environmental Impact Report, 1996.

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The City General Plan Noise Element identifies 60 dB(A) (exterior noise levels) and 45 dB(A) (interior noise levels) as the goal for residential use and indicates that efforts should be made to mitigate noise levels in any area exceeding 70 dB(A). This is consistent with the first entry in *Table 12-1*, which shows 60 dB(A) Ldn or CNEL or less to be normally acceptable, and 70 dB(A) or more to be normally unacceptable. Additionally, the City typically recognizes the noise sensitivity of schools, libraries, churches, and in-patient medical care facilities, and requires the same level of noise protection as residential uses.

As shown in Figure 4.7-4, Existing Noise Conditions, of the General Plan Noise Element, the Project site lies within the 65 dB(A) noise contour. The General Plan indicates that many land uses within the 65 dB(A) contour are either Normally Acceptable (i.e. playgrounds, neighborhood parks, water recreation, utilities, golf courses, riding stables, etc.) or Conditionally Acceptable (schools, libraries, residential, amphitheaters, churches, hotels, etc.). The General Plan states that for land uses considered Conditionally Acceptable within the 65 dB(A) contour, new construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design; however, conventional construction, but with closed windows and a fresh air supply systems or air conditioning will normally suffice. At the time when improvements are proposed within a particular phase, and as appropriate, the City may require additional noise analysis where construction and/or proposed land uses occur adjacent to sensitive land uses; however, such a need is unknown at this time and would be somewhat dependent upon the conditions at the time when improvements within a particular phase are proposed.

Lands along the affected alignment are generally developed and are not pristine or isolated within the highly-urbanized setting. Major sources of noise within the Project area are generally attributable to transportation sources which include vehicles traveling along Main Street, Lemon Avenue, and intersection roadways; operation of the MTS trolley and bus systems; and, operation of other adjoining land uses currently present along the corridor. Sensitive noise receptors near the Project site include residential uses (i.e. in the southern portion), schools (i.e. Golden Avenue Elementary School, Lemon Grove Middle School) and a number of churches (i.e. First Baptist Church, Apostolic Church International of San Diego, Witness of the Word, Lemon Grove Assembly of God, and Trinity Christian Fellowship). Additionally, the Lemon Grove Fire Department (now part of Heartland Fire & Rescue since 2010 operates out of its Station #10 located at 7853 Central Avenue, approximately 0.06 mile to the west of Main Street.

Due to the existing setting and surrounding noise-generating uses, it is anticipated that the proposed Project would generally not introduce significant noise sources in the vicinity that are inconsistent with the surrounding area. A number of passive and active recreational uses are proposed with the Project; however, the Project has been designed to consider the potential for certain planned activities or land uses to increase noise levels within the corridor. Through sensitive Project design, such uses (i.e. Skate Park, public gathering spaces) have been strategically located in order to reduce potential noise impacts that may adversely affect existing residential uses in the surrounding area. All proposed uses would be subject to the City's Noise Ordinance, and therefore, it is not anticipated that operation (or occupation) of any recreational areas (i.e. parks, Skate Park, etc.) would exceed the established thresholds. The City would also have the option to restrict any particularly noisy uses during the evening or nighttime hours to ensure that noise impacts on sensitive land uses do not occur.

Further, although the Project proposes improvements to the corridor to enhance vehicular and transit circulation, these modes of transit already contribute to the existing noise setting, and the Project would not generate an increased level of activity in this regard. It is also anticipated that the Project would

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result in a reduction in vehicle use, thereby potentially also resulting in reduced traffic noise within the Project area.

For the above reasons, it is not anticipated that the Project would result in a significant impact relative to operational noise. Construction noise impacts would be reduced to **less than significant with mitigation incorporated**.

MM NOI-1 Prior to Grading Permit issuance, to the satisfaction of the City of Lemon Grove Development Services Director, it shall be demonstrated that the Project complies with the following:

Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices.

Construction haul routes shall be designed to avoid noise sensitive uses (e.g., residences, convalescent homes, etc.), to the extent feasible.

During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers.

Construction activities shall not take place outside of the allowable hours specified by the Lemon Grove Municipal Code for use of construction equipment (7:00 a.m. and 6:00 p.m. Monday through Friday, and 9:00 a.m. to 5:00 p.m. on Saturdays; construction activities are not permitted on Sundays or on legal holidays).

b) *Expose persons to or generate excessive ground borne vibration or ground borne noise levels?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

Temporary noise would be generated in localized areas during construction of the proposed improvements along the affected alignment. Construction activities generally are temporary and have a short duration, resulting in periodic increases in the ambient noise environment. Construction activities associated with the Project would include grading, construction, and paving. Groundborne noise and other types of construction-related noise impacts would typically occur during the initial construction phases. These phases of construction have the potential to create the highest levels of noise. Typical noise levels generated by construction equipment are shown in Table 12-2, Maximum Noise Levels Generated by Construction Equipment. It should be noted that the noise levels identified in Table 12-2 are maximum sound levels (L_{max}), which are the highest individual sound occurring at an individual time period. Operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Other primary sources of acoustical disturbance would be due to random incidents, which would last less than one minute (such as dropping large pieces of equipment or the hydraulic movement of machinery lifts).

TABLE 12-2 MAXIMUM NOISE LEVELS GENERATED BY CONSTRUCTION EQUIPMENT

Type of Equipment	L _{max} at 50 Feet (dBA)	L _{max} at 135 Feet (dBA)	L _{max} at 220 Feet (dBA)
Concrete Saw	90	81.4	77.1
Crane	81	72.4	68.1
Concrete Mixer Truck	79	70.4	66.1
Backhoe	78	69.4	65.1
Dozer	82	73.4	69.1
Excavator	81	72.4	68.1
Forklift	78	69.4	65.1
Paver	77	68.4	64.1
Roller	80	71.4	67.1
Tractor	84	75.4	71.1
Water Truck	80	71.4	67.1
Grader	85	76.4	72.1
General Industrial Equipment	85	76.4	72.1

Source: Federal Highway Administration, Roadway Construction Noise Model User's Guide, 2006.

Pursuant to the City of Lemon Grove Municipal Code, all construction activities may only occur between the hours of 7:00 a.m. and 6:00 p.m., Monday through Friday, and on Saturdays between the hours of 9:00 a.m. and 5:00 p.m. Construction is not allowed on Sundays or public holidays. These permitted hours of construction are required in recognition that construction activities undertaken during daytime hours are a typical part of living in an urban environment and do not cause a significant disruption. All construction noise would occur consistent with City noise regulations pertaining to allowable hours of construction and within established noise limits.

Mitigation Measure NOI-1 is proposed to ensure that standard noise reduction measures are implemented to reduce potential noise effects during construction. Implementation of Mitigation Measure NOI-1 ensure that a **less than significant impact with mitigation incorporated** would occur.

c) *Result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated**
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 12a), above. All Project operational noise levels would be required to be consistent with the City's adopted thresholds and any noise restrictions identified in the Municipal Code. Mitigation Measure NOI-1 is proposed to ensure that standard noise reduction measures are implemented to reduce potential noise effects during construction. Implementation of Mitigation Measure NOI-1 would ensure that a **less than significant impact with mitigation incorporated** would occur.

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- d) *Result in a substantially temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 12a), above. Construction of the Project would have the potential to cause a temporary or periodic increase in ambient noise levels in the Project vicinity during the use of equipment, construction vehicles, and other machinery. Additionally, certain proposed land uses, in combination with public transit and vehicular use within the corridor, may result in a temporary or periodic increase in ambient noise levels in the Project vicinity above levels existing without the Project. All Project construction and operational noise levels would be required to be consistent with the City's adopted thresholds and any noise restrictions identified in the Municipal Code. At the time when improvements are proposed within a particular phase, the City may require additional noise analysis where construction and/or proposed land uses occur adjacent to sensitive land uses. Implementation of Mitigation Measure NOI-1 ensure that a **less than significant impact with mitigation incorporated** would occur.

- e) *For a project located within an airport land use plan or where such a plan has not been adopted, within two miles of a public use airport, would the project expose people residing or working in the area to excessive noise levels?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The nearest airports to the site include Gillespie Field (public), located approximately 6.2 miles to the northeast; Montgomery Field (public), located approximately 7.6 miles to the northwest; and, San Diego International Airport (public), located approximately 7.5 miles to the west.

The subject property is not located within the boundaries of an airport land use plan for a public airport, and due to the nature of the proposed improvements, the Project would not expose people residing or working in the area to excessive noise levels area. **No impact** would occur.

- f) *For a project within vicinity of a private airstrip would the project expose people residing or working in the project area to excessive noise levels?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 12e), above. The site is not located within the Influence Area of a private airstrip or public airport as it relates to noise. **No impact** would occur.

13. POPULATION AND HOUSING

Would the project:

a) *Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

The proposed Project would not induce substantial population growth in an area because the Project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: new or extended infrastructure or public facilities (refer to Project Description, above); new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or, regulatory changes including zone reclassifications, sewer or water annexations, or Local Agency Formation Commission (LAFCO) annexation actions for the provision of public services. The proposed amendment to the General Plan ensures Project consistency with the affected General Plan Elements, and does not result in an increase in allowable density or intensity of uses which could potentially allow for increased population growth above that which could occur under existing conditions, and as anticipated by the City. Impacts would be **less than significant**.

b) *Displace substantial numbers of existing housing units, necessitating the construction of replacement housing units elsewhere?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

The Project site includes an approximately 2-mile long corridor consisting of Main Street, existing utility easements, and/or ROW to be improved as a result of Project implementation. The majority of improvements would occur within the ROW or utility easements. No existing housing would be demolished or displaced as a result of the Project, thereby necessitating the construction of replacement housing elsewhere. **No impact** would occur.

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c) *Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 12b), above. The majority of improvements would occur within the roadway ROW or utility easements; As such, the Project would not result in the displacement of substantial numbers of people, and the construction of replacement housing would not be required. **No impact** would occur.

14. PUBLIC SERVICES

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

a) *Fire protection?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

As stated previously the City of Lemon Grove Fire Department became part of Heartland Fire and Rescue in 2010. In forming Heartland Fire and Rescue, the cities of El Cajon, La Mesa, and Lemon Grove agreed to co-manage fire and emergency medical services in order to provide high-quality services and cost-saving opportunities. Heartland Fire and Rescue offers combined resources including eight fire stations, nine engine companies, two truck companies, three paramedic transport units, and one transport unit (Peak Hour Unit) and serves approximately 180,000 residents. The Project site would be served from Station 10 located at 7853 Central Avenue with support from other area stations, as needed.

All future development on the Project site would be required to conform to City requirements to reduce the risks of fire. Heartland Fire Rescue actively promotes fire prevention through a variety of programs to reduce the risk of injury and property damage. The City's Weed Control and Waste Matter Ordinance permits the Fire Department Chief to identify potential fire hazards on private property such as weeds, dry grasses and shrubs, and rubbish. Where fire hazards are identified, the Chief can serve the property owner with a notice and require clean-up of the property to reduce the potential fire hazard.

Due to the nature of proposed Project, it is not anticipated that the Project would result in a substantial increase in demand on existing fire protection services (i.e. require new equipment, facilities, or staff). The Project does not propose the construction of new residential structures that would directly increas

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local population and/or that may have the potential to adversely affect the City's ability to provide fire protection services.

As such, the Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, with regard to fire protection services. Project impacts would be **less than significant**.

b) *Police protection?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Police protection services for the Project site would be provided by the San Diego County Sheriff's Department via contract with the City. The Sheriff's Department operates out of its station located at 3420 Main Street, and therefore, law enforcement services are within close proximity to the Project site. The Lemon Grove Station has been providing contract law enforcement services to the City of Lemon Grove and unincorporated communities of Spring Valley, Rancho San Diego, Jamul, Mt. Helix, Casa De Oro, La Mesa and El Cajon since 1977.⁸ As indicated in the General Plan Public Facilities Element, the service standard established for the City of Lemon Grove is five minutes for priority one calls and eight minutes for priority two calls.

Although the Project may result in an incremental increase in the demand for police protection services over the life of the Project, due to an increase in residents and visitors to the area, it is not anticipated that the Project would adversely affect the ability of the Sheriff's Department to provide adequate service to the area or the larger local community, due to the nature of the proposed land uses. As such, the Project would not result in a substantial adverse physical impact associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, with regard to police protection services. Project impacts would be **less than significant**.

c) *Schools?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Lemon Grove School District currently serves the Project area for elementary and middle schools; Grossmont Union High School District serves the Project area for high school-aged children.

⁸ City of Lemon Grove – Law Enforcement. <http://www.lemongrove.ca.gov/departments/law-enforcement>. Accessed October 19, 2015.

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The Project would not result in the construction of any new residential units or businesses that would directly generate additional school-aged population or increase the number of students in the area requiring public educational services. Due to the nature of the proposed improvements, it is anticipated that the Project would adversely affect the ability of local school districts to provide adequate school services within its boundaries, and the addition of new facilities or the expansion of existing facilities would not be required as a result of the Project. Therefore, the Project would not have a significant impact with regard to schools. **No impact** would occur.

d) *Parks?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Project is a corridor improvement project and does not propose any new residential uses, included but not limited to, a residential subdivision, mobile home park, or construction of single-family residences that may increase public use of existing neighborhood or regional parks or other recreational facilities in the vicinity.

The corridor would ultimately serve as a travel way for pedestrians, bicyclists, and vehicles within a park-like setting, providing recreational amenities such as a decomposed granite (d.g.) pedestrian path, paved bike path, an urban trail, and a multi-use trail along portions of the corridor to provide opportunities for public recreation. The Project also proposes a number of potential recreational-related amenities along the alignment. Such amenities may include a skateboard park, bouldering course, art wall, BMX pump track, graffiti wall, a leash-free dog park, par course, Mission Garden and Education Center, enhanced Park Paseo, urban walk, Public Plaza Art Square, Horseshoe/Bocce Ball Court, children's adventure course and sand lot, balance and agility course, rope climbing course, and other recreational amenities. The Project would also include four linear parks. As such, the Project would contribute a number of recreational facilities to the City's existing amenities, thereby increasing recreational opportunities for City residents, as well as visitors to the area.

As such, it is not anticipated that the Project would increase the use of existing neighborhood or regional parks or other recreational facilities. The Project would not result in a substantial adverse physical impact associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, with regard to parks. **No impact** would occur.

e) *Other public facilities?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

All services would be adequate to support the Project as proposed. The Project would not result in a substantial adverse physical impact associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, with regard to other public facilities. Impacts would be **less than significant**.

15. RECREATION

Would the project:

a) *Would the project increase the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Project is a corridor improvement project and does not propose any new residential uses, included but not limited to, a residential subdivision, mobile home park, or construction of single-family residences that may increase public use of existing neighborhood or regional parks or other recreational facilities in the vicinity.

The corridor would ultimately serve as a travel way for pedestrians, bicyclists, and vehicles within a park-like setting, providing recreational amenities such as a decomposed granite (d.g.) pedestrian path, paved bike path, an urban trail, and a multi-use trail along portions of the corridor to provide opportunities for public recreation. The Project also proposes a number of potential recreational-related amenities along the alignment. Such amenities may include a skateboard park, bouldering course, art wall, BMX pump track, graffiti wall, a leash-free dog park, par course, Mission Garden and Education Center, enhanced Park Paseo, urban walk, Public Plaza Art Square, Horseshoe/Bocce Ball Court, children's adventure course and sand lot, balance and agility course, rope climbing course, and other recreational amenities.

As such, the Project would contribute a number of recreational facilities to the City's existing amenities, thereby increasing recreational opportunities for City residents, as well as visitors to the area.

As such, it is not anticipated that the Project would increase the use of existing neighborhood or regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated. **No impact** would occur.

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- b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 15a), above. The Project does not include recreational facilities or require the construction or expansion of recreational facilities that would themselves directly result in an adverse physical effect on the environment. All significant impacts identified within this Initial Study as resulting with Project construction and/or operations (i.e. impacts on biological or cultural resources) can be mitigated to less than significant. Impacts in this regard would be **less than significant**.

16. TRANSPORTATION/TRAFFIC

Would the project:

- a) *Cause an increase in the traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., resulting a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections?)*

Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

A Traffic Assessment was prepared for the proposed Project by Michael Baker International in February 2016; refer to Appendix G. The study assessed existing conditions and potential Project impacts to the roadway and intersection system, transit facilities, pedestrian and bicycle facilities, and parking.

The study area for the Traffic Assessment considered the following nine intersections:

1. Main Street / Broadway
2. Lemon Grove Avenue / Broadway
3. Main Street / Central Avenue
4. Lemon Grove Avenue / Central Avenue
5. Main Street / San Miguel
6. Lemon Grove Avenue / San Miguel & Palm Street
7. San Altos Place / Massachusetts Avenue
8. Main Street / Massachusetts Avenue
9. Lemon Grove Avenue / Massachusetts Avenue / Canton Drive / Eldora Street

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Analysis of all intersections within the Project study area was based on the SANTEC/ITE traffic study guidelines. The operating conditions of the roadway facility is described in terms of level of service (LOS) with a scale ranging from LOS A (free-flow conditions) to LOS F (severely congested conditions). Further, the Highway Capacity Manual (HCM) 2000 methodology was used to analyze signalized and unsignalized intersections. The peak hour LOS for the intersection was determined by calculating control delay. Synchro analysis software were used to calculate control delay and determine the LOS of signalized and unsignalized intersections. Table 16-1, Signalized and Unsignalized Intersections Level of Service & Delay Ranges below shows the LOS criteria for signalized and unsignalized intersections.

**TABLE 16-1 SIGNALIZED AND UNSIGNALIZED INTERSECTIONS
LEVEL OF SERVICE & DELAY RANGES**

LOS	Delay (seconds/vehicle)	
	Signalized Intersections	Unsignalized Intersections
A	< 10.0	< 10.0
B	> 10.0 to < 20.0	> 10.0 to < 15.0
C	> 20.0 to < 35.0	> 15.0 to < 25.0
D	> 35.0 to < 55.0	> 25.0 to < 35.0
E	> 55.0 to < 80.0	> 35.0 to < 50.0
F	> 80.0	> 50.0

Source: 2000 Highway Capacity Manual.

Level of service is based on the average delay per vehicle for all movements at signalized and all-way stop controlled intersections. For one-way or two-way stop controlled intersections, LOS is based on the approach with the worst delay.

As per SANTEC/ITE traffic impact study guidelines, a project is considered to have significant impact if it causes the study roadway facility to deteriorate by a certain defined threshold. Mitigation measures need to be identified for facilities that are significantly impacted by a project. In the City of Lemon Grove, the acceptable level of service for intersections is LOS D or better. When a project causes the LOS to deteriorate from LOS D or better to LOS E or F, the project is considered to cause a significant impact. For intersections operating at LOS E or F, if a project increases delay equal to or greater than two seconds, the project is considered to result in a significant impact.

Existing Conditions Traffic Volumes

AM and PM peak hour intersection movement counts were collected in April 2014. Morning peak period intersection counts were collected from 7:00 AM to 9:00 AM, and afternoon peak period intersection counts were collected from 4:00 PM to 6:00 PM. The counts used in the analysis were taken from the highest hour within the peak period counted.

Refer to Exhibit 4 of Appendix G which shows existing conditions AM and PM peak hour volumes at the study intersections. Traffic count data sheets are included in Appendix A of Appendix G of this Initial Study.

Existing Conditions Traffic Analysis

Table 16-3, Future Year 2035 Peak Hour Intersection Conditions summarizes the existing AM and PM peak hour intersection traffic conditions. Appendix C of Appendix G includes the HCM intersection analysis worksheets.

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TABLE 16-2 EXISTING PEAK HOUR INTERSECTION CONDITIONS

ID	Intersection	Intersection Control	AM Peak Hour		PM Peak Hour	
			Delay	LOS	Delay	LOS
1	Main St. / Broadway	MSS	11.2	B	15.2	C
2	Lemon Grove Ave. / Broadway	Signal	34.5	C	44.5	D
3	Main St. / Central Ave.	MSS	14.7	B	14.4	B
4	Lemon Grove Ave. / Central Ave.	Signal	22.2	C	27.0	C
5	Main St. / San Miguel	MSS	12.8	B	14.5	B
6	Lemon Grove Ave. / San Miguel / Palm St.	Signal	35.5	D	35.7	D
7	San Altos Pl. / Massachusetts Ave.	MSS	12.6	B	15.3	C
8	Main St. / Massachusetts Ave.	MSS	11.0	B	10.8	B
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	Signal	43.2	D	46.2	D

MSS - Minor Street Stop

AWS - All-Way Stop

As shown in Table 16-2, Existing Peak Hour Intersection Conditions all intersections within the study area currently operate at an acceptable LOS D or better for both the AM and PM peak hours. The most heavily used intersections include the intersections of Lemon Grove Avenue/San Miguel/Palm Street and Lemon Grove Avenue/Massachusetts Avenue/Canton Drive/El Dora Street. Both operate at LOS D during peak hours. The intersection of Lemon Grove Avenue/ Broadway is also heavily utilized and currently operates at LOS D during the PM peak hour.

Future Year 2035 Traffic Conditions

Future Year 2035 Conditions Traffic Volumes

Future Year 2035 volumes were calculated based on the SANDAG Series 12 forecast model that accounts for new developments or redevelopments, future roadway networks, and intersection control in the City of Lemon Grove. The volumes calculated were used to evaluate the Future Year 2035 intersection conditions. Exhibit 5 of Appendix G shows the Future Year 2035 peak hour intersection volumes.

Future Year 2035 Traffic Analysis

For evaluation of the Future Year 2035 peak hour intersection conditions, it was assumed that the roadway network, intersection lane geometry, and general operational controls would remain the same as that under existing conditions. Table 16-3 summarizes the peak hour intersection conditions. Appendix D of Appendix G includes the HCM intersection analysis worksheets.

TABLE 16-3 FUTURE YEAR 2035 PEAK HOUR INTERSECTION CONDITIONS

ID	Intersection	Intersection Control	AM Peak Hour		PM Peak Hour	
			Delay	LOS	Delay	LOS
1	Main St. / Broadway	MSS	11.3	B	15.6	C
2	Lemon Grove Ave. / Broadway	Signal	35.5	D	48.3	D
3	Main St. / Central Ave.	MSS	16.2	C	16.0	C
4	Lemon Grove Ave. / Central Ave.	Signal	24.4	C	28.7	C
5	Main St. / San Miguel	MSS	15.6	C	17.8	C
6	Lemon Grove Ave. / San Miguel / Palm St.	Signal	39.5	D	42.0	D
7	San Altos Pl. / Massachusetts Ave.	MSS	13.5	B	17.7	C
8	Main St. / Massachusetts Ave.	MSS	11.7	B	11.5	B
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	Signal	47.9	D	50.9	D

MSS - Minor Street Stop
 AWS - All-Way Stop

As shown in *Table 16-3*, all of the intersections would operate at an acceptable LOS D or better for both the AM and PM peak hours. In 2035, the most heavily used intersections would continue to be the intersections of Lemon Grove Avenue/San Miguel/Palm Street and Lemon Grove Avenue/Massachusetts Avenue/Canton Drive/El Dora Street and Lemon Grove Avenue/Broadway. These intersections are projected to operate at LOS D during both peak hours.

With Proposed Project

With Project Pedestrian Conditions

Currently, the area between Main Street and the railway tracks is undeveloped and unusable for pedestrian activity. The Project proposes to provide pedestrian pathways throughout the Project area to connect existing residential uses with the Civic Center and the transit stops/stations. The proposed pedestrian pathway is generally separated from the roadway by either a bicycle path or parkway, which enhances safety for pedestrians. With consideration for residential land uses in the Project area, and with limited parks in the vicinity, it can be anticipated that the proposed Project would attract more pedestrians for either recreational purposes or to access commercial uses and transit stops/stations.

With Project Bicycle Conditions

With the construction of bike paths/trails and conversion of portions of Main Street to a bike boulevard, the proposed Project would connect bicyclists from the surrounding residents to the Civic Center and transit stops/stations. With no current bike facility in the vicinity of the Project area, it can be anticipated that the proposed Project would attract more bicyclists either for recreational purposes or to access commercial uses and transit stops/stations.

With Project Transit Conditions

It is not expected that changes would occur in the number of bus routes or frequency of service in the vicinity of the study area with Project implementation; however, the Project would connect the residential with the transit stops/stations, it is anticipated that there would be an increase in area transit ridership. As a result, there may be a future demand for new bus stops and new routes. Consideration should be given for potential locations of future bus stops where demand for transit service is expected to be greater.

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With Project Conditions Traffic Volumes

As part of the improvements to the pedestrian and bicycle facility along the Main Street corridor, the proposed Project intends to make changes along Main Street, such as selective road closures and/or restricted traffic movements. As a result of these changes, there would be a localized change in traffic patterns in the immediate vicinity of the Project site. Following are the locations where traffic circulation changes would occur and where there would be possible traffic rerouting:

Main Street / Broadway Intersection - Closure of south leg of Main Street. Traffic would be rerouted onto Pacific Avenue and Olive Street.

Main Street between Burnell Avenue and Olive Street – Eliminating northbound movement and maintaining only a one-way southbound movement. The displaced northbound Main Street traffic would be rerouted onto Olive Street and Burnell Avenue.

Main Street between Davidson Avenue and Buena Vista Avenue – Closure of the roadway segment to vehicular traffic. Traffic would be rerouted to Buena Vista Avenue and Davidson Avenue to travel around the closed street segment.

Main Street between Massachusetts Avenue and San Pasqual Street - Closure of the roadway segment to vehicular traffic. Traffic would be rerouted to El Prado Avenue and San Pasqual Street travel around the closed street segment.

Exhibit 7 and Exhibit 8 of Appendix G show the “With Project” peak hour intersection volumes for the Existing and Future Year 2035 scenarios respectively.

With Project Conditions Traffic Analysis for Primary Study Intersections

For the “With Project Conditions Traffic Analysis,” no changes to the study intersection lane geometry and control was assumed to occur, with exception of the following two intersections:

Main Street / Broadway – Removal of the south leg and resulting elimination of the intersection

Main Street / Massachusetts Avenue – Removal of the north leg of the intersection

Exhibit 6 of Appendix G shows the Project intersection lane geometry. For the analysis, it is anticipated that the “With Project” changes would affect the following study intersections:

Main Street / Broadway

San Altos Place / Massachusetts Avenue

Main Street / Massachusetts Avenue

Summary of the without and with Project intersection conditions comparison for the Existing scenario is shown in Table 16-4, Existing Peak Hour Intersection Without and With Project Conditions. The intersection worksheets are included in Appendix E of Appendix G. Table 16-5, Future Year 2035 Peak Hour Intersection Without and With Project Conditions summarizes the comparison of without and with Project intersection conditions for the Future Year 2035 scenario. The intersection worksheets are included in Appendix F of Appendix G.

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TABLE 16-4 EXISTING PEAK HOUR INTERSECTION WITHOUT AND WITH PROJECT CONDITIONS

D	Intersection	Existing		Existing + Project		Δ Delay	Significant Impact?
		Delay	LOS	Delay	LOS		
AM Peak Hour							
1	Main St. / Broadway ¹	11.2	B	--	--	--	--
2	Lemon Grove Ave. / Broadway	34.5	C	34.5	C	0.0	No
3	Main St. / Central Ave.	14.7	B	14.7	B	0.0	No
4	Lemon Grove Ave. / Central Ave.	22.2	C	22.2	C	0.0	No
5	Main St. / San Miguel	12.8	B	12.8	B	0.0	No
6	Lemon Grove Ave. / San Miguel / Palm St.	35.5	D	35.5	D	0.0	No
7	San Altos Pl. / Massachusetts Ave.	12.6	B	12.7	B	0.1	No
8	Main St. / Massachusetts Ave.	11.0	B	9.2	A	-1.8	No
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	43.2	D	43.2	D	0.0	No
PM Peak Hour							
1	Main St. / Broadway ¹	15.2	C	--	--	--	--
2	Lemon Grove Ave. / Broadway	44.5	D	44.5	D	0.0	No
3	Main St. / Central Ave.	14.4	B	14.4	B	0.0	No
4	Lemon Grove Ave. / Central Ave.	27.0	C	27.0	C	0.0	No
5	Main St. / San Miguel	14.5	B	14.5	B	0.0	No
6	Lemon Grove Ave. / San Miguel / Palm St.	35.7	D	35.7	D	0.0	No
7	San Altos Pl. / Massachusetts Ave.	15.3	C	15.5	C	0.2	No
8	Main St. / Massachusetts Ave.	10.8	B	9.7	A	-1.1	No
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	46.2	D	46.2	D	0.0	No

¹ - Intersection removed for the with Project scenario

As shown in *Table 16-4*, all the intersections with the Project would operate at an acceptable LOS for both the peak hours. Therefore, the Project would not result in a significant impact.

TABLE 16-5 FUTURE YEAR 2035 PEAK HOUR INTERSECTION WITHOUT AND WITH PROJECT CONDITIONS

ID	Intersection	Future Year 2035		Future Year 2035 + Project		Δ Delay	Significant Impact?
		Delay	LOS	Delay	LOS		
AM Peak Hour							
1	Main St. / Broadway ¹	11.3	B	--	--	--	--
2	Lemon Grove Ave. / Broadway	35.5	D	35.5	D	0.0	No
3	Main St. / Central Ave.	16.2	C	16.2	C	0.0	No
4	Lemon Grove Ave. / Central Ave.	24.4	C	24.4	C	0.0	No
5	Main St. / San Miguel	15.6	C	15.6	C	0.0	No
6	Lemon Grove Ave. / San Miguel / Palm St.	39.5	D	39.5	D	0.0	No
7	San Altos Pl. / Massachusetts Ave.	13.5	B	13.7	B	0.2	No
8	Main St. / Massachusetts Ave.	11.7	B	9.3	A	-2.4	No
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	47.9	D	47.9	D	0.0	No
PM Peak Hour							
1	Main St. / Broadway ¹	15.6	C	--	--	--	--
2	Lemon Grove Ave. / Broadway	48.3	D	48.3	D	0.0	No
3	Main St. / Central Ave.	16.0	C	16.0	C	0.0	No

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ID	Intersection	Future Year 2035		Future Year 2035 + Project		Δ Delay	Significant Impact?
		Delay	LOS	Delay	LOS		
4	Lemon Grove Ave. / Central Ave.	28.7	C	28.7	C	0.0	No
5	Main St. / San Miguel	17.8	C	17.8	C	0.0	No
6	Lemon Grove Ave. / San Miguel / Palm St.	42.0	D	42.0	D	0.0	No
7	San Altos Pl. / Massachusetts Ave.	17.7	C	18.1	C	0.4	No
8	Main St. / Massachusetts Ave.	11.5	B	9.9	A	-1.6	No
9	Lemon Grove Ave. / Massachusetts Ave. / Canton Dr. / El Dora St.	50.9	D	50.9	D	0.0	No

1 - Intersection removed for the "With Project" scenario

As shown in Table 16-5, with implementation of the Project, all intersections would operate at an acceptable LOS for both the peak hours. The Project would not result in a significant impact in the Future Year 2035 scenario.

With Project Conditions Traffic Analysis for Street Closures

The Project proposes total or partial street closures at four locations along Main Street. A conceptual layout of each street closure location is depicted in Exhibits 9 through 11 of Appendix G. An assessment of the closure impacts on circulation and access is discussed below.

Main Street Closure South of Broadway

Access to and from Main Street from Broadway is currently limited to right turns in and out. The street closure would affect approximately 12 vehicles during the morning peak and most are right turns onto Broadway from Main Street. During the evening peak hour, approximately 26 vehicles would be affected and these are fairly equally distributed between the right in and right out movements. The street closure would require that these peak hour vehicle movements and other off peak vehicle movements be re-routed to Olive Street and Pacific Street. During the peak, the traffic diversion would consist of approximately one vehicle in each direction every two minutes. As these volumes are very low and will only add to existing right turn movements to and from Pacific Street on Broadway, it is not anticipated that the traffic diversion would result in a significant impact.

Main Street Closure Between Burnell Avenue and San Miguel

This proposed street closure is a "partial closure" that would eliminate the northbound travel lane, but maintain a travel lane in the southbound direction. There are three existing driveways, two that serve the First Baptist Church School facility and one that serves a private residence. With the proposed Project, these driveways would be limited to right in and right out movements in the southbound direction. The school facility has three additional driveways on Burnell Avenue that could be used to accommodate traffic movements to the north on Main Street. The northbound traffic volume is currently 185 vehicles per day, with approximately 36 vehicles during the morning peak and 24 vehicles during the evening peak. The diverted northbound traffic flows would continue north on Olive Street and return east to Main Street on either Burnell Avenue or Central Avenue. During the peak, the traffic diversion would consist of approximately one vehicle in the northbound direction every two minutes. As this traffic volume would be very low, it is not anticipated that the traffic diversion would result in a significant impact.

Main Street Closure Between Davidson Avenue and Buena Vista Avenue

The proposed street closure would affect both directions of travel along this segment. Access to and from the Lemon Grove Assembly of God church parking lot would be maintained just north of the closure. The two-way traffic volume is currently 1,377 vehicle per day, with approximately 184 vehicles during the morning peak and 222 vehicles during the evening peak. The diverted northbound traffic flows would turn north on Buena Vista Avenue and return east on either Davidson Avenue or San Miguel. The diverted southbound traffic flows would turn west on Davidson Avenue or use San Miguel to access southbound Buena Vista Avenue. Based on the area circulation system, it appears that a significant portion of the traffic using this segment of Main Street is travelling between Mount Vernon Street and the San Miguel intersection at Main Street. During the peak, the traffic diversion would consist of between one and two vehicle per minute in each direction. As these traffic volumes are relatively low, it is anticipated that the traffic diversion would be dispersed along several streets and would therefore not result in a significant impact.

Main Street Closure Between San Pasqual Street and Massachusetts Avenue

The proposed street closure would affect both directions of travel along this segment. No access driveways are located along this segment. It should be noted that Main Street is not continuous to and from the north, north of San Pasqual Street. The two-way traffic volume is currently 319 vehicle per day, with approximately 34 vehicles during the morning peak and 57 vehicles during the evening peak. The diverted northbound and southbound traffic flows would use El Prado Avenue to access San Pasqual Street. During the peak, the traffic diversion would consist of approximately one vehicle every two minutes in each direction. As these traffic volumes are very low, it is not anticipated that the traffic diversion would result in a significant impact.

Multi-Modal Analysis

To assess the benefits of the Project, a qualitative analysis of the non-automobile modes was evaluated. As the Project area is not a typical arterial, the HCM 2010 methodology for determining multi-modal LOS cannot be utilized. An alternative and effective method was formulated for the purpose of evaluating the benefits of the Project for pedestrian and bicycle mobility. A point system was developed based on the type of facility provided for pedestrians and bicyclists and is shown in Table 16-6, Pedestrian Facility Point Scale and Table 16-7, Bicycle Facility Point Scale, respectively.

TABLE 16-6 PEDESTRIAN FACILITY POINT SCALE

Bicycle Facility	Scale
No Bicycle Facility	0
Class III	1
Class II	2
Class IV	3
Class I	4

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TABLE 16-7 BICYCLE FACILITY POINT SCALE

Pedestrian Facility	Scale
No sidewalk	0
D.G. Sidewalk	1
Paved sidewalk	2

As shown in *Table 16-6* and *Table 16-7*, zero (0) point was assigned to segments with no pedestrian or bicycle facility, and points increased depending on the type of facility provided. A comparison of amenity points assessed for existing and proposed pedestrian and bicycle facilities are summarized in *Table 16-8, Existing and With Project Pedestrian and Bicycle Facility Points Comparison* below.

TABLE 16-8 EXISTING AND WITH PROJECT PEDESTRIAN AND BICYCLE FACILITY POINTS COMPARISON

Segment	Existing Condition			With Project Condition		
	Pedestrian Facility		Bicycle Facility	Pedestrian Facility		Bicycle Facility
	West Side	East Side		West Side	East Side	
Main Street Between Broadway and Burnell Avenue	2	0	0	2	1	1
Main Street Between Burnell Avenue and San Miguel	2	0	0	2	1	4
Main Street Between San Miguel and Davidson Avenue	0	0	0	0	1	1
Main Street Between Davidson Avenue and Buena Vista Avenue	0	0	0	0	1	4
Main Street Between Buena Vista Avenue and 940 feet south of Beryl Street	0	0	0	0	1	1
Main Street Between 940 feet south of Beryl Street and San Pasqual Street	0	0	0	0	1	4
Main Street Between San Pasqual Street and Massachusetts Avenue	2	0	0	2	0	4
Main Street Between Massachusetts Avenue and Alberdi Drive	0	0	0	0	1	4
Total	6	0	0	6	7	23

As shown in *Table 16-8*, currently with nonexistence of sidewalk on east side and no bike lanes, no points are assigned throughout the study area. On the west side, locations which currently have sidewalk are assigned points.

It can be seen that the Project is assessed higher points for proposing pedestrian facility on the east side and a bicycle facility along the entire study area. With no changes proposed for the pedestrian facility on the west side, the points for the "With Project" scenario remains the same as the existing scenario. Comparing the total points for the without and with Project scenarios, the "With Project" has higher points for pedestrian facilities on the east side of the street and for bicycle facilities along the entire study area. From the results of the qualitative comparison, it can be concluded that the Project would provide more facilities and result in better mobility for pedestrians and cyclists.

As such, from the intersection analysis, the Project would not result in a significant impact on any of the study intersections during both the AM and PM peak hours. The Project alignment runs north-south and connects the Civic Center and the transit facilities with the existing residential uses in the area. In addition, the Project would provide space for recreational purposes. With the land use adjacent to major part of the Project area being residential, it can be anticipated that the Project would attract more pedestrians and bicyclists, who would use the facility either to access local commercial uses, transit stops/stations, or for

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recreational purposes. In addition, with the Project providing access to the transit stops/stations, it can be anticipated that there would be an increase in area transit ridership.

As evaluated above, the proposed Project would not cause an increase in the traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., resulting a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections. Impacts would be **less than significant**.

b) *Exceed, either individually or cumulatively, a level of service standard established by the County Congestion Management Agency for designated roads or highways?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 16a), above. The Project would not exceed, either individually or cumulatively, a level of service standard established by the County Congestion Management Agency for designated roads or highways. Impacts would be **less than significant**.

c) *Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that result in substantial safety risks?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

The Project site is distanced from any public or private airports, and is not located within the boundaries of an Airport Land Use Compatibility Plan. Development within the Project vicinity is not required to file an application with the Federal Aviation Administration (FAA) for a determination regarding impacts to navigation aids in the area.

As such, the Project would not result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks. **No impact** would occur.

d) *Substantially increase hazards to a design feature (e.g. sharp curves or dangerous intersection) or incompatible uses (e.g. farm equipment)?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

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Discussion:

The Project is intended to enhance the affected alignment for vehicular, pedestrian, and bicycle use, while providing improved access to public transit options and increasing public safety. No changes to the actual alignment of Main Street are proposed; however, a number of intersection improvements and/or road closures would occur as a result of Project implementation. All roadway and intersection improvements have been designed in conformance with City design standards and are not anticipated to result in any hazards with regard to design.

Therefore, the Project would not substantially increase hazards to a design feature (e.g. sharp curves or dangerous intersection) or incompatible uses. A **less than significant impact** would occur.

e) *Result in inadequate emergency access?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

As stated previously, the Project is intended to provide a north/south open space area for use as a travel way in a park setting for pedestrians and bicyclists while maintaining utility maintenance and emergency access spanning the approximate two-mile length of the alignment. The Project has been designed to ensure that resulting circulation patterns do not create unacceptable conflict or delays or adversely affect public safety. Further, the Project would ensure that access to private property and continued property use are maintained.

Project phasing has been considered to ensure that disruption to traffic circulation and parking for existing adjacent land uses is minimized. Additionally, as the Project would result in the closure of several streets, a key concern in the design was to ensure that emergency access is properly maintained and that adequate circulation of emergency vehicles can continue to be provided with the proposed improvements over the long-term.

As applicable, a traffic control plan would be prepared and implemented, as applicable, for phased construction of the various improvements proposed along the alignment to ensure continued public safety and to minimize disruption to the flow of traffic during Project construction.

It is therefore not anticipated that the Project would result in inadequate emergency access. Impacts would be **less than significant**.

f) *Result in inadequate parking capacity?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

According to the Traffic Impact Analysis (TIA), existing parking facilities along the affected segment of Main Street (within the Project study area) are described as follows:

Main Street between Broadway and Pacific Avenue –Time limit angled parking exists on both sides. West side includes one-time limit parallel parking space in addition to the angled parking.

Main Street between Pacific Avenue and Central Avenue –Time limit angled parking exists for the majority of the east side of the street. On the west side of the street parking is permitted on north half of the street with a mixture of time limit parallel parking, angled parking, and no time limit parallel parking.

Main Street between Central Avenue and San Miguel – No time limit parallel parking permitted for the majority of the west side of the street. No parking spaces available on the east side of the street.

Main Street between San Miguel and 940 feet south of Beryl Street – Width of the street does not permit parking on both sides of the street.

Main Street between San Pasqual Street and Massachusetts Avenue – Time limit parallel parking exists on both sides of the street.

Existing condition parking utilization analysis was conducted for the segment of Main Street between Broadway and Central Avenue. Morning, mid-day and evening hours parking occupancy survey was conducted on weekday and weekends from October 28, 2014 to November 12, 2014 and the maximum utilization analysis results are summarized in Table 16-9, Existing Parking Utilization Analysis, below. The parking survey is included in Appendix B of Appendix G.

TABLE 16-9 EXISTING PARKING UTILIZATION ANALYSIS

Main Street	Side of Street	Available Parking Spaces	Maximum Spaces Occupied			Maximum Parking Utilization		
			10:30 a.m.	2:30 p.m.	5:00 p.m.	10:30 a.m.	2:30 p.m.	5:00 p.m.
Between Broadway and Pacific Avenue	West	8	9	8	9	112.5%	100.0%	112.5%
	East	14	17	12	13	121.4%	85.7%	92.9%
Between Pacific Avenue and Central Avenue	West	17	13	10	11	76.5%	58.8%	64.7%
	East	33	20	21	17	60.6%	63.6%	51.5%

As shown in Table 16-9, the parking demand on west side of Main Street between Broadway and Pacific Avenue is higher than the available parking spaces during the morning and evening times, and parking demand is equal to the available parking spaces during the mid-day time. On the east side, the parking demand is higher than the available parking spaces during the morning time, and the demand for the mid-day and evening times are close to the available parking spaces.

For Main Street between Pacific Avenue and Central Avenue, the west side parking demand during the morning time is approximately 77 percent of the available parking spaces. The demand for the mid-day and evening times is between 58 percent and 65 percent of the available parking spaces. On the east side, the parking demand is between 52 percent and 64 percent of the available parking spaces.

Table 16-10, Summary of Parking Changes With the Project summarizes the changes to the parking spaces with the proposed Project conditions. The removal of one parking space on east side of Main Street between Pacific Avenue and Central Avenue due to the Project, will not have significant impact on the parking availability as the existing parking spaces are significantly underutilized.

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For the segment of Main Street between Burnell Avenue and San Miguel, the Project will result in the removal of approximately 12 on-street parallel parking spaces on the west side. With off-street parking spaces available within the development adjacent to the street, and on-street parking available on O Street and Burnell Avenue, these parking facilities should accommodate the parking demand in the affected area.

For Main Street between San Pasqual Street and Massachusetts Avenue, since the parking spaces are currently underutilized, the removal of approximately 30 parking spaces would not have significant impact on the availability of parking. On-street parking provided on San Pasqual Street should accommodate the displaced parking demand in the affected area.

TABLE 16-10 SUMMARY OF PARKING CHANGES WITH THE PROJECT

Main Street	West Side	East Side
Between Broadway and Pacific Avenue	No Change	No Change
Between Pacific Avenue and Central Avenue	No Change	Removal of one parking space to accommodate an intersection bulb-out
Between Central Avenue and Burnell Avenue	No Change	Addition of four (4) parallel parking spaces/school drop-off zone
Between Burnell Avenue and San Miguel	Removal of approximately 12 parallel parking spaces	N/A
Between San Miguel and 940 feet south of Beryl Street	No Change	Addition of fifteen (15) parallel parking spaces
Between 200 feet north of San Pasqual Street and San Pasqual Street	No Change	No Change
Between San Pasqual Street and Massachusetts Avenue	Removal of approximately 14 parallel parking spaces	Removal of approximately 16 parallel parking spaces

Although the Project would result in the elimination of parking spaces in some areas, it would also add parking spaces in various other locations. The net reduction in area parking is not anticipated to cause any significant impact on the availability of parking, as there is currently excess parking in the specific areas impacted.

Therefore, the Project would not result in inadequate parking capacity. Impacts would be **less than significant**.

g) *Conflict with adopted policies or programs supporting alternative transportation (e.g. bus turnouts, bicycle racks)?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

The Project is intended to encourage transit, pedestrian, and bicycle use by constructing a bicycle and pedestrian facility that connects the village/civic core with the existing residential neighborhoods in the area. The Project would provide connectivity to and from Lemon Grove's trolley and bus transfer stations at Massachusetts and Broadway and would enhance safety for pedestrians and bicyclists. The Project is designed to encompass multi-modal transportation providing mobility options that support active transportation and is focused on enhancing trail components including pedestrian paths separated from the roadway, trails contiguous with the roadway, a bike boulevard, and a parkway area throughout the Promenade Extension. As such, the Project is focused on improvements that would support and encourage alternative forms of transportation.

Refer also to Response 10b), above. The Project includes an amendment of the General Plan to ensure that the improvements proposed along the alignment are not in conflict with the City's intended long-term vision for future development of lands affected by the Project. The Project does not amend the City's Bikeway Master Plan Update (GPA06-001, November 2006); since the proposed Class 1 multi-use paths and the Class 3 bike route (Bikeway Boulevard) are consistent with the Bike Master Plan, and no changes are expected to the Plan.

As such, the Project does not conflict with adopted policies or programs supporting alternative transportation (e.g. bus turnouts, bicycle racks). Impacts would be **less than significant**.

17. UTILITIES AND SERVICE SYSTEMS

Would the project:

a) *Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

The Project would result in a number of utility improvements and/or relocation of existing utility lines to accommodate the Project as proposed. A number of sewer lines run parallel to or under large portions of the proposed improvements; however, it is anticipated that a minimal amount of utilities would be impacted during Project construction. The Project would result in multiple sewer and water appurtenances being adjusted to grade.

Wastewater treatment services are currently provided to the Project area by the Lemon Grove Sanitation District, which assumed maintenance and repair of the sanitary sewer main lines from the County of San Diego on July 1, 1989. The District provides wastewater collection system management services for the City and its residents. These services include the transport of wastewater to the San Diego Metropolitan Wastewater Department for treatment, sewer line operations and maintenance, management of sewer finances, revenue sources and user charges, and other related duties to ensure the system continues to operate efficiently.

An incremental increase in the demand for wastewater services would occur with Project implementation; however, the increase would not be substantial due to the nature of the proposed land uses. The City has

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indicated that sufficient capacity for wastewater treatment services is available to serve the proposed facilities.

The Project would comply with applicable Regional Water Quality Board regulations and requirements, and the proposed construction documents shall be consistent with the entitlement approvals. The Lemon Grove Municipal Code requires that the construction documents submitted to the City of Lemon Grove for permits shall conform to the Regional Water Quality Board regulations and requirements.

As such, the Project would not result in wastewater treatment elements that would exceed Regional Water Quality Control Board requirements. Impacts would be **less than significant**.

b) *Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 17a), above. As stated above, multiple sewer and water appurtenances would be adjusted to grade as part of the Project. Additionally, the Project would tie-in any new irrigation lines into the City's existing system, and several new water line connections for proposed water fountains located near the Skate Park, BMX track, picnic area, and dog park are anticipated. If available, recycled water may be used for purposes of landscape irrigation.

An incremental increase in the demand for wastewater or water treatment services would occur with Project implementation; however, the increase would not be substantial due to the nature of the proposed land uses. The City has indicated that sufficient capacity for wastewater or water treatment services is available to serve the proposed facilities.

Therefore, it is not anticipated that the Project would require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects. Impacts would be **less than significant**.

c) *Require or result in the construction of new storm drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

In general, runoff from the Project site currently sheet flows to the east into a system of culverts and drainage ditches located between Main Street/San Altos Place and the train tracks. The ditch system runs to the south, ultimately outfalling to an existing concrete culvert at Broadway Avenue and Akins Avenue. Only the northern-most drainage area of the site drains to the northwest, and not to the ditch system.

As designed, the Project would not increase the peak 100-year storm discharge from the onsite contributing watershed due to the addition of proposed onsite biofiltration areas. Additionally, portions of the existing natural channel would be restored with planting, amended soil, and cobble as part of the Project. These improvements would help improve the drainage capacity of the channel, and therefore, decrease the potential for flooding to occur. Flows from all onsite impervious areas would enter the new biofiltration areas, prior to discharging from the site. Existing drainage patterns of the watershed would therefore be maintained, and the Project would not increase the peak 100-year storm discharge, as the biofiltration areas would capture and attenuate flow rates of the majority of runoff from the site. The site would continue to drain to the east to the existing drainage ditch system. As indicated in the Preliminary Drainage Study (see *Appendix F-1*), the Project would not increase peak runoff to the existing facilities.

As such, the Project would require or result in the construction of new storm drainage facilities or expansion of existing facilities, the construction of which would not cause significant environmental effects. Impacts would be **less than significant**.

d) *Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

Discussion:

Refer to Response 17b), above. The Project would result in various park, bike, and pedestrian infrastructure improvements along the approximately 2-mile length of the corridor. No major land uses are proposed (i.e. residential, commercial, industrial, etc.) that would substantially increase existing demand for water supplies are proposed. Additionally, if available, recycled water may be used for purposes of landscape irrigation.

As such, no new or expanded entitlements are needed, and water supplies are adequate to serve the Project. Impacts would be **less than significant**.

e) *Result in a determination by the wastewater treatment facilities which services or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?*

- Potentially Significant Impact
- Less than Significant with Mitigation Incorporated
- Less Than Significant Impact
- No Impact

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Discussion:

Refer to Response 17a), above. The Project would result in infrastructure improvements along an approximately 2-mile length of the corridor. No land uses are proposed (i.e. residential, commercial, industrial, etc.) that would generate substantial new demand or increase in existing demand for wastewater treatment. Existing facilities are adequate to serve the Project site in addition to the provider's existing commitments. **No impact** would occur.

f) *Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?*

Potentially Significant Impact

Less than Significant with Mitigation Incorporated

Less Than Significant Impact

No Impact

Discussion:

The City of Santee currently contracts with EDCO Disposal Services for the provision of solid waste management services for residential, commercial, and municipal solid waste. The majority of solid waste from the City of Lemon Grove is taken to the Otay Landfill, located approximately 7.8 miles to the southeast of the subject site in the City of Chula Vista. A small portion of solid waste generated is taken to the Sycamore Landfill, located approximately 7.5 miles to the north of the site in the City of Santee.

As of August 2012, the Otay Landfill had a remaining capacity of 24,514,904 c.y. of a maximum permitted capacity of 61,154,000 c.y. Closure of the Landfill is anticipated to occur in February 2028. As of February 2011, the Sycamore Landfill had a remaining capacity of 42,246,551 cubic yards (c.y.) of a maximum permitted capacity of 71,233,171 c.y. Closure of the Landfill is anticipated to occur in October 2031.⁹

The proposed Project would generate solid waste during the construction phase; however, the amount of solid waste generated would only account for a fractional percentage of the annual permitted capacity of either of these landfills. Therefore, the proposed Project would not result in a significant indirect or direct impact on landfill capacity. During operation, occupants of the Project site may also generate solid waste while occupying various areas of the corridor; however, it is not anticipated that a substantial amount of waste would be generated, or that would adversely affect the capacity of landfills serving the Project site. Additionally, recycling bins would be provided at various locations within the corridor to encourage users to recycle, thereby reducing the amount of solid waste that would otherwise end up in the landfill.

The proposed Project would therefore not result in physical development onsite that would generate substantial amounts of construction or operational solid waste or substantially increase the demand for solid waste disposal services. The Project would be served by a landfill with sufficient permitted capacity to accommodate the Project's solid waste disposal needs. Therefore, a **less than significant impact** on landfill capacity would occur with Project implementation.

⁹ CalRecycle – Sycamore Landfill (37-AA-0023), <http://www.calrecycle.ca.gov/SWFacilities/Directory/37-AA-0023/Detail/>, Accessed September 21, 2015; CalRecycle – Otay Landfill (37-AA-0010), <http://www.calrecycle.ca.gov/SWFacilities/Directory/37-AA-0010/Detail/>, Accessed September 21, 2015.

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g) *Comply with the federal, state, and local statutes and regulations related to solid waste?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Response 17f), above. Under the California Public Resource Code, the California Integrated Waste Management Act of 1989 (AB 939) requires local jurisdictions to divert a minimum of 50% of all solid waste generated (by January 1, 2000) from landfills through source reduction, recycling, and/or composting. The City adopted the Source Reduction and Recycling Element in 1992 which was prepared pursuant to the requirements of AB 939.

Construction and/or demolition activities required for any future development on the subject property would be required to conform to all applicable local, State, and federal solid waste disposal regulations, including the California Green Building Code. Further, the City's General Plan Master EIR indicates that adequate landfill capacity is available at the Sycamore and Otay Landfills to accommodate the City's solid waste needs at build-out. Although the Project would allow for an increase in intensity in the use of the overall Project site, it is anticipated that solid waste demands generated (either from construction or operation) would not be substantial and that such waste could be adequately accommodated at the Otay Landfill. Waste indirectly generated by the proposed Project would represent a nominal fraction of the remaining capacity of the Landfill.

The Project would generate solid waste associated with both construction and operation. All Project phases would conform to applicable regulations aimed at the reduction of solid waste in order to reduce the overall amount of waste generated; reuse and/or recycle materials to the extent feasible; utilize products made of post-consumer materials where possible; and, dispose of solid waste at an appropriate facility in compliance with all federal, State, and local statutes and regulations. Impacts would be **less than significant**.

18. MANDATORY FINDINGS OF SIGNIFICANCE.

a) *Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

Refer to Section 4, Biological Resources, above. The Project would have the potential to result in a significant impact, either directly, indirectly, or cumulatively, with regard to any species identified as a candidate, sensitive, or special status species relative to a local or regional plan, policies, or regulations, or

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by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service if the City elects to undertake restoration activities within the drainage channel. Further, the Project would have the potential to result in a substantially adverse effect on a riparian habitat or other sensitive natural community identified in local or regional plan, policies, or regulations or by the CDFW or USFWS if wetland restoration activities occur. Mitigation Measures BIO-1 and BIO-2 would ensure that such impacts are reduced to less than significant with mitigation incorporated.

A formal jurisdictional delineation was not performed for the Project. As such, there is a potential for some of the disturbed wetland habitat onsite to be classified as disturbed wetland/riparian habitat. The Project would enhance and incorporate the channel into the Project design through removal of trash and debris and planting of additional ornamental vegetation and/or placement of cobble within some of the ornamental vegetation areas adjacent to the drainage channel (not directly within the channel).

However, future restoration activities may occur within the drainage channel, if deemed desirable by the City in the future. As grading and/or improvement plans relative to any restoration activities within the channel for restoration purposes have not been prepared to date, Mitigation Measure BIO-2 is proposed to ensure that impacts on wetland habitat would be reduced to **less than significant with mitigation incorporated**.

The Project site is located within a highly developed, urbanized area and is generally not anticipated to result in conflict with or obstruct wildlife movement onsite or in the surrounding area; however, the Project may have the potential to result in direct impacts including the removal of vegetation with an active nest or indirect impacts involving construction-related noise levels affecting nesting behavior at active nests near the construction activities, possibly resulting in nest abandonment. Direct and indirect Project impacts to nesting birds would be reduced to below a level of significance with implementation of Mitigation Measure BIO-3. As such, implementation of the proposed Project would not interfere with the movement of any native resident or migratory fish or wildlife species, or established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites with implementation of Mitigation Measure BIO-3. Impacts would be **less than significant with mitigation incorporated**.

Further, there are no known cultural or historic resources identified as important examples of the major periods of California history or prehistory are present on the Project site. Potential impacts to unknown resources would be mitigated to a level of less than significant through monitoring during Project construction. Therefore, it is not anticipated that the Project would or eliminate important examples of the major periods of California history or prehistory; however, implementation of Mitigation Measures CUL-1 and CUL-2 would ensure that discovery of any unknown historical resources, including human remains, during Project excavation and/or grading activities would be properly evaluated and protected, as appropriate, in compliance with applicable State and federal regulations. Impacts in this regard would be reduced to **less than significant with mitigation incorporated**.

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b) *Does the project have impacts that are individually limited, but cumulatively considerable? (Cumulatively Considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of the past projects, the effects of other current projects, and the effects of probable future projects)?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

No impacts were identified as potentially cumulatively significant. Any direct impacts resulting with the Project would be reduced to less than significant with incorporation of mitigation measures as proposed. Incremental increases relative to air quality, greenhouse gases, traffic, etc. were determined to be below the significance thresholds adopted by the City and would therefore not contribute to a cumulatively considerable environmental impact. Additionally, although the Project would result in the loss of trees that could be used by protected avian species and raptors, this would not be a significant cumulative impact because many more new trees would be planted, than those that would be removed, as part of the proposed corridor improvements, and it is assumed these species exist within stable populations in the region. A **less than significant impact** would occur.

c) *Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?*

- Potentially Significant Impact
 Less than Significant with Mitigation Incorporated
 Less Than Significant Impact
 No Impact

Discussion:

As identified in Section 8, Hazards and Hazardous Materials, several sites were identified through the databases searched as part of the Phase I ESA and are generally located within one block of the proposed corridor. Such sites have had or and have had known chemical releases to soil and groundwater. Mitigation is proposed to ensure that such sites are evaluated prior to Project excavation or grading activities to minimize and/or avoid potential adverse effects with regard to exposure of humans to such hazards. Impacts would be reduced to less than significant with implementation of the proposed mitigation measures. Additionally, the Project may have the potential to adversely affect human beings through accidental release or spill of hazardous materials or substances (i.e. diesel fuel, hydraulic oil, pesticides/herbicides, grease, solvents, adhesives, paints, and/or other petroleum based products) during construction or operation. All applicable local, State, and federal safety standards for the safe handling and use of these materials would be adhered to in order to ensure that potential impacts are minimized to the extent feasible. A SPCCP would be prepared and implemented in order to minimize the potential for, and effects from, spills of hazardous, toxic, or petroleum substances during construction activities for all contractors. Through Project compliance with applicable regulations pertaining to hazardous materials, the Project is not expected to have environmental effects that would cause substantial adverse effects on

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human beings, either directly or indirectly. Project impacts would be **less than significant with mitigation incorporated.**

In view of the above analysis, it is determined that the project will not have a significant impact the environment, with implementation of mitigation measures identified herein, and an environmental impact report is not required.

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Attachment F

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Mitigation Monitoring and Reporting Program

This document is the Mitigation Monitoring and Reporting Program (MMRP) for the Connect Main Street: Main Street Promenade Extension project (proposed project). An MMRP is required for the proposed project because the Initial Study prepared for the project has identified significant adverse impacts, and measures have been identified to mitigate those impacts. This MMRP has been prepared pursuant to Section 21081.6 of the California Public Resources Code, which requires public agencies to “adopt a reporting and monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment.”

As the lead agency, the City of Lemon Grove will be responsible for monitoring compliance with all mitigation measures. Different City departments are responsible for various aspects of the project. The MMRP identifies the department with the responsibility for ensuring that each individual mitigation measure is completed; however, it is expected that one or more departments will coordinate efforts to ensure such compliance.

The MMRP is presented in tabular form on the following pages. The components of the MMRP are described briefly below.

Mitigation Measure: The mitigation measures are taken from the Initial Study, in the same order they appear in the Initial Study.

Timing: Identifies at which stage of the project the mitigation must be completed.

Monitoring Responsibility: Identifies the department within the City with responsibility for mitigation monitoring.

Verification (Date and Initials): Provides a contact who reviewed the mitigation measure and the date that the measure is determined to be complete.

Attachment F

Biological Resources	Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>MM BIO-1</p> <p>Prior to any ground disturbance within the onsite earthen drainage for channel restoration, the City shall obtain the required regulatory agency permits for this work, which will involve identifying the potential presence of listed species within the area of take covered by the State and federal permits. If present, then the required permitting actions will include preparation of a Biological Assessment to provide the basis for FESA Section 7 Consultations and issuance of a Biological Opinion by USFWS to evaluate indirect and direct impacts, and identify appropriate mitigation measures to reduce such impacts, which will authorize take of the affected listed species.</p>	<p>Prior to any ground disturbing activities.</p>	<p>City of Lemon Grove Planning Department</p>		

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>MM BIO-2</p> <p>a. Consistent with Section 15126.4(a)(B) of the CEQA Guidelines, prior to channel restoration within the onsite earthen drainage feature, the following performance measures shall be implemented:</p> <ol style="list-style-type: none"> 1. The City shall prepare improvement and grading plans for any restoration activities planned within the onsite earthen drainage channel to specifically indicate the location(s) and extent of where such activities would occur and the specific improvements to be implemented. If phasing of any such restoration activities is proposed, such conditions shall be indicated on the plans. 2. A jurisdictional delineation and report shall be prepared to map and identify agency jurisdictional impacts. 3. The City shall meet with those regulatory agencies having jurisdiction over the affected areas to confirm the findings of the jurisdictional delineation. 4. A determination as to the required permits (e.g., CWA 404 Individual or Nationwide Permit; Section 1602 Streambed Alteration Agreement; and/or, CWA Section 401 Water Quality Certification) shall be made by the affected regulatory agencies. The City shall coordinate with the regulatory agencies to complete the regulatory permitting process. All required regulatory permits shall be obtained, prior to issuance of a grading permit for any channel restoration work. <p>b. As part of the above-described permitting actions, FESA Section 7 Consultations may be required (see MM BIO-1), as well as National Historic Preservation Act (NHPA) Section 106 Compliance if ground disturbance activities (i.e. grubbing, excavation) associated with channel restoration activities affect buried cultural resources.</p>	<p>Prior to any ground-disturbing activities or vegetation removal.</p>	<p>City of Lemon Grove Planning and Public Works Departments</p>	

Attachment F

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>MM BIO-3</p> <p>Vegetation removal, grading and construction performed during the breeding season of avian species protected by the MBTA (January through September) could result in significant direct or indirect impacts to nesting birds, if such nesting is occurring within existing vegetation onsite or adjacent to the construction site(s). Direct impacts could involve the removal of vegetation and trees with an active nest; and indirect impacts could involve construction-related noise levels affecting nesting behavior at active nests near the construction activities possibly resulting in nest abandonment. Therefore, the following mitigation measures shall be implemented to reduce these potential impacts to below a level of significance:</p> <ol style="list-style-type: none"> a. Within 30 days prior to commencement of construction activities, a qualified biologist shall perform a preconstruction survey within 500 feet from the proposed work limits. b. If active avian nest(s) are discovered within or 500 feet from the work limits, a buffer shall be delineated around the active nest(s). The appropriate buffers from active nest(s) shall be the distance the biologist determines is necessary to avoid the taking, capturing, or killing of any migratory bird, or any part of their nests or eggs. Areas restricted from such activities shall be staked or fenced under the supervision of the biologist. c. The biologist shall monitor the nest(s) weekly after commencement of construction to ensure that nesting behavior is not adversely affected by adversely affected by construction activities. If the biologist determines that nesting behavior is adversely affected by construction activities, then the following noise mitigation program shall be implemented in consultation with CDFW to allow Project construction to proceed: 	<p>Prior to any ground-disturbing activities or vegetation removal / During construction.</p>	<p>City of Lemon Grove Planning and Public Works Departments</p>	

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>1) No construction activities shall occur within any portion of the site where such activities would result in noise levels exceeding 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold) at the edge of occupied habitat, based on noise measurements conducted by a qualified acoustician (possessing a current noise engineer license or registration and noise level monitoring experience for the avian species). Under the direction of a qualified acoustician, noise attenuation measures (e.g., berms, temporary walls, etc.) shall be implemented to ensure that construction-related noise levels do not exceed 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold) at the edge of occupied habitat.</p> <p>2) Noise monitoring¹⁰ shall be conducted at the edge of occupied habitat to ensure that noise levels do not exceed 60 dB(A) hourly average (or the ambient noise level, if it already exceeds this threshold). If the noise attenuation techniques implemented are determined by the biologist to be inadequate to achieve the noise thresholds or otherwise prevent the taking, capturing or killing of any migratory bird, their nests or eggs, then the associated construction activities shall cease until such time that either:</p> <ul style="list-style-type: none"> i. enhanced attenuation techniques (e.g., higher walls, more walls, relocated walls, limitations on the placement of construction equipment, simultaneous use of loud equipment) are implemented that can achieve the noise threshold (or the no take, capture or kill standard); OR, ii. Until the young have fledged and are no longer returning to the nest(s). All such mitigation requirements determined by the biologist to meet the above stated performance standards shall be incorporated into the final biological construction monitoring report. 			

¹⁰ Construction noise shall continue to be monitored at least twice weekly on varying days, or more frequently depending on the construction activity, to verify that noise levels at the edge of occupied habitat are maintained below 60 dB(A) hourly average (or the ambient noise level, if it already exceeds 60 dB(A) hourly average) and are avoiding the taking, capturing, or killing of any migratory bird, or any part of their nests or eggs.

Attachment F

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>3) Once the young have fledged and have left the nest(s), then construction activities may proceed within 300 feet (500 feet for raptor species) of the fledged nest(s). The point in time that the young have fledged from the nest(s) shall be determined by the biologist.</p> <p>4) Raptor nests are protected under California Fish and Game Code 3503.5 (California Law 2011) which makes it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes; or to take, possess, or destroy the nests or eggs of any such birds. Consultation with CDFW shall be required prior to the removal of any raptor nest(s) observed during the preconstruction clearance surveys.</p>			

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>Cultural Resources</p> <p>MM CR-1 As buried (unknown) significant archaeological resources (including human remains) may be present onsite or offsite in areas where earth-disturbing activities may occur during Project construction, construction monitoring by a qualified archaeologist and Native American monitor, including a Kumeyaay Cultural Monitor, shall be required during all earth-disturbing activities associated with the Project.</p> <p>Prior to the issuance of grading or building permits, the Project proponent shall prepare a Cultural Resources Management Plan that will detail how all known cultural resources within the Project site will be avoided and managed, and how unknown resources will be treated in the event of their discovery during earth disturbing activities. The Cultural Resources Management Plan shall be prepared by a qualified archaeologist (defined as an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards as published in Title 36, Code of Federal Regulations, part 61), and shall be submitted to the City of Lemon Grove Development Services Department for review and approval, prior to issuance of the grading and/or improvement permits for the Project.</p> <p>The Cultural Resources Management Plan shall include the following:</p> <p>a. Avoidance and Protection Provisions</p> <p>1) Detailed plan for avoiding, managing and protecting all known cultural sites that have been identified within the Project site boundaries; and, any resources deemed eligible or potentially eligible for the California Register of Historical Resources or other Local Register (if established).</p>	<p>During to issuance of grading or building permits.</p>	<p>City of Lemon Grove Planning Department</p>	

Attachment F

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>(i) The provisions shall demonstrate that, during all Project earth disturbing activities, avoidance of cultural resource sites shall be the preferred treatment measure, and all impacts to sites that are potentially eligible for the California Register of Historical Resources or other Local Register (if established) shall be avoided to the greatest extent possible by Project redesign. In addition, the Project shall, to the greatest extent possible, avoid the placement of temporary and permanent support facilities within 25 feet of the identified sites.</p> <p>b. Unanticipated Discovery Protocol</p> <ol style="list-style-type: none"> 1) The provisions shall demonstrate that, during all Project design, construction, and operational activities, avoidance of cultural resource sites shall be the preferred treatment measure, and all impacts to sites that are potentially eligible for the California Register of Historical Resources or other Local Register (if established) shall be avoided to the greatest extent possible by Project redesign. In addition, the Project shall, to the greatest extent possible, avoid the placement of temporary and permanent support facilities within 25 feet of the identified sites. 2) Specific wording that if evidence of archaeological resources (e.g., chipped or ground stone, historical debris, building foundations, or human bone) is identified during earth disturbing activities, all work within 50 feet of the discovery site shall cease until a qualified archaeologist can assess the significance of the find; 3) Notification requirements, including immediate notification by the Project proponent to a qualified archeologist and the City of Lemon Grove Development Services Department; 			

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>4) Consultation with the City of Lemon Grove Development Services Department; the qualified archaeologist; Native American representatives (if appropriate); the Project proponent; and, other appropriate agencies, to determine whether the discovered resource can be avoided and if impacts have not occurred, whether work can continue. If it is determined that the resource has been impacted and an assessment of its significance is required, then a qualified archaeologist shall develop appropriate treatment measures for the discovered and impacted resource in consultation with appropriate agencies, and work shall not resume until permission is received from the City.</p> <p>c. Sensitive Archaeological Locations Monitoring Provisions</p> <p>1) The Project proponent shall provide for a City-approved archaeologist to monitor all earthmoving activities in areas within 50 feet of identified archaeological sites, or in areas that have been determined to have a high sensitivity for prehistoric resources. The archaeologist shall be authorized to halt construction, if necessary, in the immediate area where buried cultural resources are encountered. The monitor shall maintain a daily monitoring log that describes monitoring activities and results. This report shall be submitted within 90 days of completion of the archaeological monitoring to the City of Lemon Grove Development Services Department and the South Coastal Information Center.</p> <p>d. Pre-Construction Onsite Personnel Workshop</p> <p>1) The Plan shall include provisions for a workshop to brief all Project construction workers and supervisors on monitor roles, responsibilities, and authority; restricted areas and approved vehicle corridors; the types of artifacts that may be encountered; penalties for unauthorized collection of artifacts; and, the need to temporarily redirect work away from the location of any unanticipated discovery until it is recorded and adequately documented and treated. The names of all personnel who attend the training shall be recorded. An information package shall be provided for construction personnel not present at the initial preconstruction briefing.</p>			

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>e. Curation Requirements</p> <p>1) The Plan shall state that archaeological collections, final reports, field notes, and other standard documentation collected during Project</p>			

Attachment F

	<p>implementation shall be permanently curated at a facility in San Diego County that meets federal standards per 36 CFR Part 79.</p> <p>f. Standards for Discovery of Human Remains</p> <ol style="list-style-type: none"> 1) The Plan shall specify standard procedures for recording and treating human remains in accordance with applicable laws, regulations, and guidelines. In-place preservation and protection from further disturbance shall always be the preferred approach. If human remains are discovered, work in the immediate vicinity shall stop until the San Diego County coroner can determine whether the remains are those of a Native American. If they are those of a Native American, the following would apply: <ol style="list-style-type: none"> 2) The coroner shall contact the Native American Heritage Commission. 3) The human remains shall be protected until the County coroner and the MLD and property owner (City) or their representative consult regarding the disposition of the human remains. If the human remains are determined to be prehistoric, the coroner will notify the NAHC, which will determine and notify a most likely descendant (MLD). The MLD shall complete the inspection of the site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. 4) According to the California Health and Safety Code, six or more human burials at one location constitute a cemetery (Section 8100), and willful disturbance of human remains is a felony (Section 7052). 	
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Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>MM CR-2</p> <p>a. A Standard Monitor for paleontological resources shall attend a pre-construction meeting to consult with the grading and excavation contractors concerning excavation schedules, paleontological field techniques, and safety issues. A Standard Monitor is defined as an individual who is onsite during all original cutting of undisturbed substratum. The Standard Monitor shall be designated by the Project Applicant and given the responsibility of observing for fossils to ensure that all excavation and grading activities occur.</p> <p>If a fossil of greater than twelve inches in any dimension, including circumference, is encountered during excavation or grading, all excavation operations in the area where the fossil was found shall be suspended immediately, the City of Lemon Grove Development Services Department shall be notified, and a Project Paleontologist shall be retained to assess the significance of the find. If the fossil is determined to be significant, the Project Paleontologist shall be contracted to oversee the salvage program, including salvaging, cleaning, and curating the fossil(s), and documenting the find.</p> <p>b. If fossils are discovered, they shall be recovered by the qualified Project Paleontologist. In most cases, fossil salvage can be completed in a short period of time, although some fossil specimens (such as a complete large mammal skeleton) may require an extended salvage period. In these instances, the paleontologist (or paleontological monitor) shall be allowed to temporarily direct, divert, or halt grading to allow recovery of fossil remains in a timely manner. Because of the potential for recovering small fossil remains, such as isolated mammal teeth, it may be necessary to set up a screen-washing operation on the recovery site.</p> <p>c. If any sub-surface bones or other potential fossils are found anywhere within the Project site by construction personnel in the absence of a qualified paleontologist or paleontological monitor, the qualified paleontologist shall be notified immediately to assess their significance and make further recommendations.</p> <p>d. Fossil remains collected during monitoring and salvage shall be cleaned, repaired, sorted, and cataloged as part of the mitigation program.</p>	<p>Prior to and during ground-disturbing construction activities.</p>	<p>City of Lemon Grove Planning Department</p>	
<p>e. Prepared fossils, along with copies of all pertinent field notes, photographs, and maps, shall be deposited (as a donation) in a scientific institution with permanent paleontological collections such as the San</p>			

Attachment F

<p>Diego Natural History Museum. Donation of the fossils shall be accompanied by financial support from the Project applicant for initial specimen storage.</p> <p>f. A final summary report outlining the results of the mitigation program shall be prepared by the Project Paleontologist and submitted to the City of Lemon Grove for concurrence. This report shall include discussions of the methods used; stratigraphic section(s) exposed; fossils collected; and, significance of recovered fossils.</p>			
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Attachment F

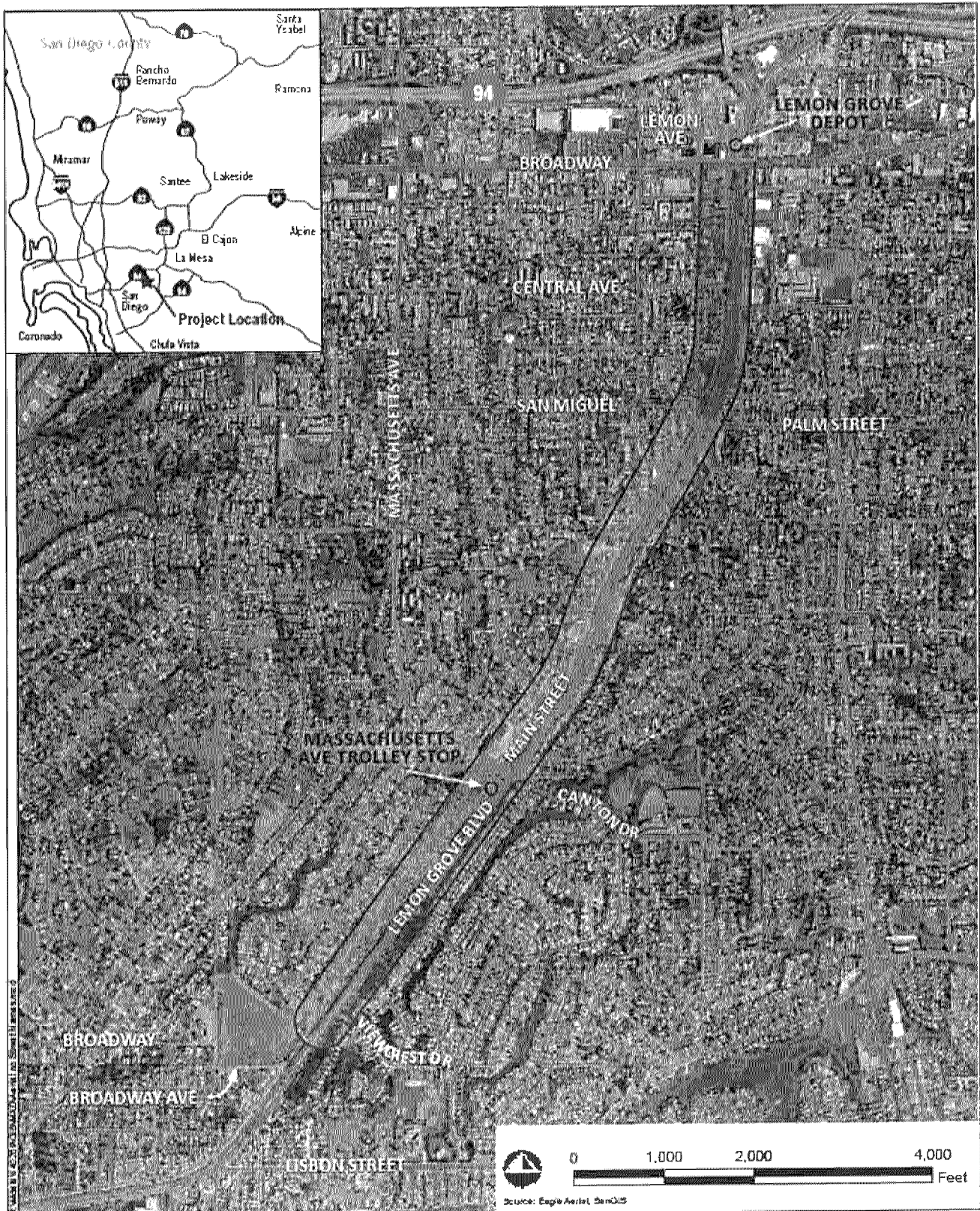
Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>Hazards and Hazardous Materials</p> <p>MM HAZ-1</p> <p>Prior to the commencement of any ground-disturbing activities, the City shall prepare a general Soil and Groundwater Management Plan to identify guidelines to sample, excavate, and transport contaminated soil and groundwater, should they be encountered during construction. Onsite monitoring by a qualified professional, as contracted by the City, shall also be conducted during Project excavation in the Known and Potential Areas of Concern to minimize risk to workers and to identify hazardous materials requiring sampling and special handling.</p>	<p>Prior to any ground-disturbing activities.</p>	<p>City of Lemon Grove Planning and Public Health Departments</p>	
<p>MM HAZ-2</p> <p>As impacted soils are likely to be present along the railroad corridor, the railroad ROW shall be sampled and analyzed for potential constituents of concern, prior to any Project grading, excavation, and/or construction activities. Data gained from soil sampling and analysis shall be used to:</p> <ul style="list-style-type: none"> • Identify if impacted soil is present and requires special handling; • Calculate the volume of impacted soil present in the Project area; and, • Profile the soil for removal and disposal/recycling. <p>All handling, evaluation, and disposal of any contaminated soils shall occur in compliance with applicable local, State, and federal regulations pertaining to such activities.</p>	<p>Prior to any grading, excavation, and/or construction activities.</p>	<p>City of Lemon Grove Planning and Public Health Departments</p>	

Attachment F






Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>MIM HAZ-3</p> <p>Prior to Project grading, excavation, and/or construction activities, and consistent with anticipated Project phasing, regulatory files for the following facilities shall be reviewed to determine if hazardous materials or substances may potentially be encountered during Project ground-disturbing activities:</p> <ul style="list-style-type: none"> • 1688 San Altos Place – Former Circle K • 1801 Massachusetts Avenue – Bell Boy Cleaners • 1805 Massachusetts Avenue – U-HAUL Moving Center <p>If, after review of available regulatory files, it is determined that any such sites pose the potential to result in the release and/or exposure of hazardous materials and/or substances relative to the Project site, an evaluation shall be conducted to determine the appropriate course of action, if any. All such actions shall occur consistent with applicable local, State, and federal regulations pertaining to the release of or exposure to hazardous materials or substances.</p>	<p>Prior to any grading, excavation, and/or construction activities.</p>	<p>City of Lemon Grove Planning and Public Health Departments</p>	
<p>MM HAZ-4</p> <p>During Project grading and/or excavation, the following shall apply with regard to natural gas pipelines within the area affected by Project improvements:</p> <ul style="list-style-type: none"> • Natural gas pipelines are present along and across the Project corridor. If the proposed construction activity occurs within the vicinity of a known natural gas or oil pipeline, environmental monitoring may be required. Prior to the commencement of any onsite grading or excavation activities, a qualified hazardous materials professional shall be consulted by the City to determine if additional measures are required (i.e. construction monitoring). 	<p>During any grading and/or excavation activities.</p>	<p>City of Lemon Grove Planning and Public Health Departments</p>	

Attachment F

Mitigation Measure	Timing	Monitoring Responsibility	Verification (Date and Initials)
<p>Noise</p> <p>MM NOI-1</p> <p>Prior to Grading Permit issuance, to the satisfaction of the City of Lemon Grove Development Services Director, it shall be demonstrated that the Project complies with the following:</p> <ul style="list-style-type: none"> • Construction contracts specify that all construction equipment, fixed or mobile, shall be equipped with properly operating and maintained mufflers and other state required noise attenuation devices. • Construction haul routes shall be designed to avoid noise sensitive uses (e.g., residences, convalescent homes, etc.), to the extent feasible. • During construction, stationary construction equipment shall be placed such that emitted noise is directed away from sensitive noise receivers. • Construction activities shall not take place outside of the allowable hours specified by the Lemon Grove Municipal Code for use of construction equipment (7:00 a.m. and 6:00 p.m. Monday through Friday, and 9:00 a.m. to 5:00 p.m. on Saturdays; construction activities are not permitted on Sundays or on legal holidays). 	<p>Prior to issuance of grading permit.</p>	<p>City of Lemon Grove Planning and Public Works Departments</p>	



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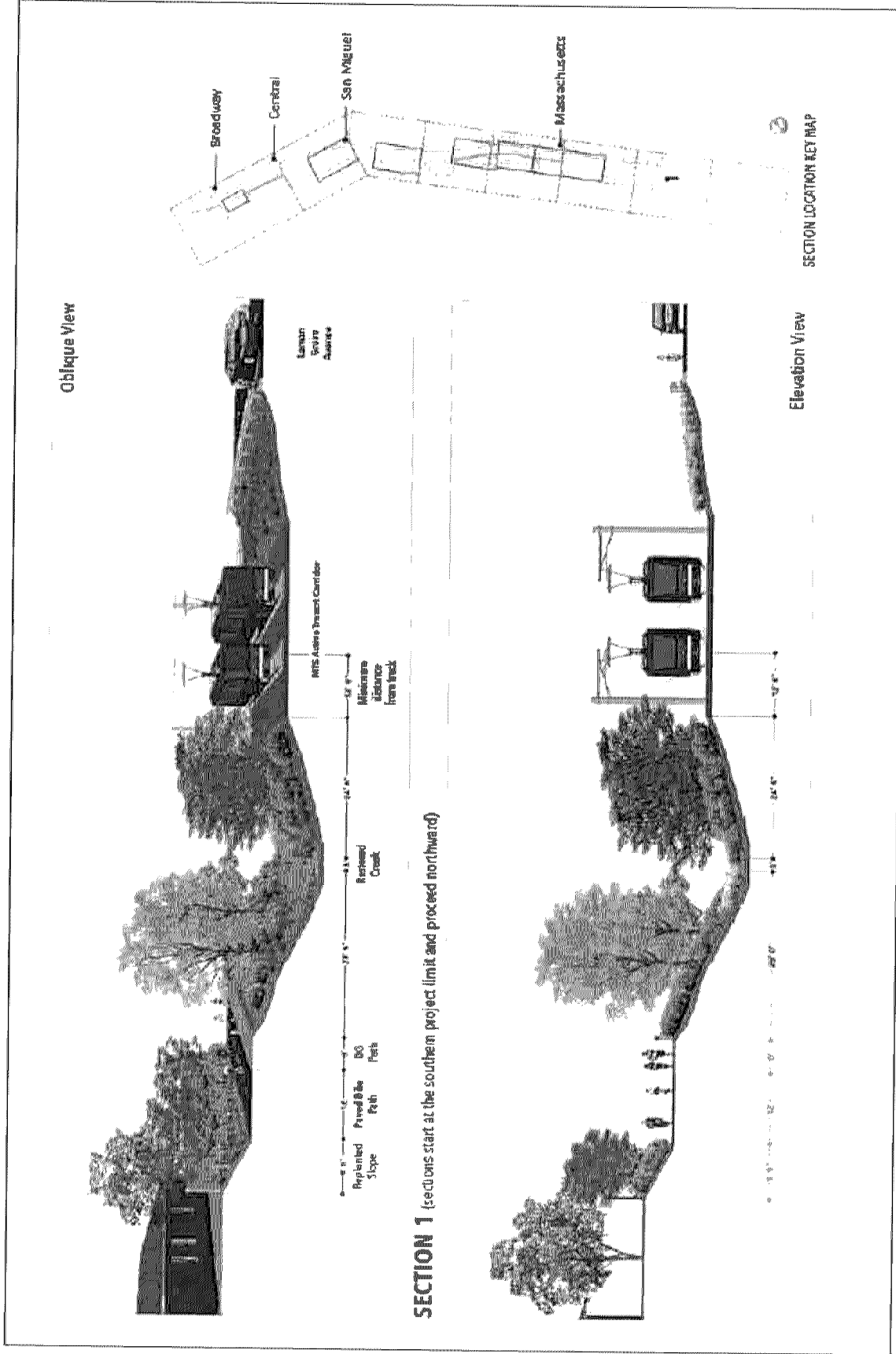
-  Main Street Promenade Completed 2013
-  Connect Main Street
-  North Project Segment
-  Central Project Segment
-  South Project Segment

Connect Main Street: Main Street Promenade - Phase 2

REGIONAL/LOCAL VICINITY MAP

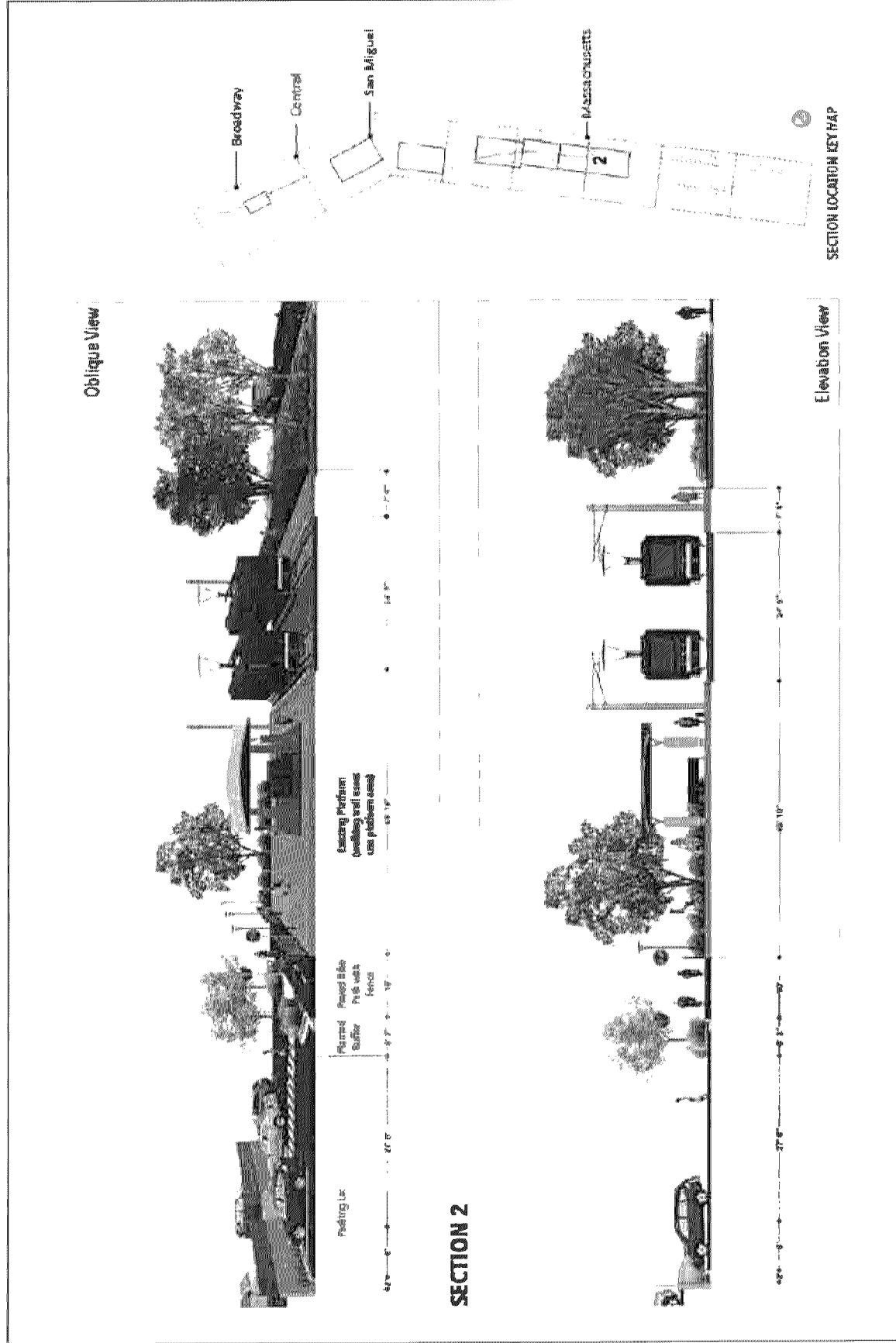
Figure 1

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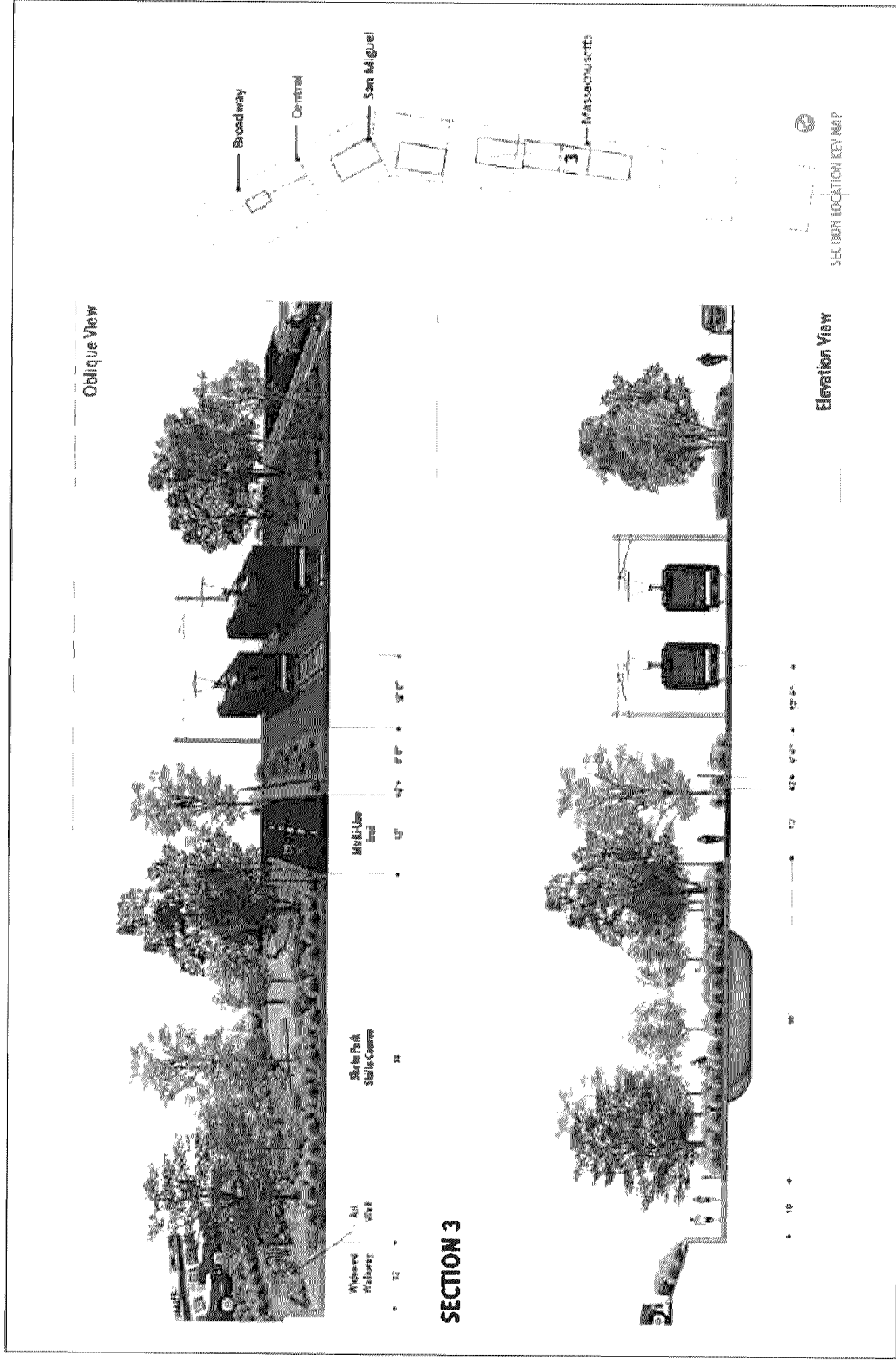


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Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
Figure 2A



Attachment F

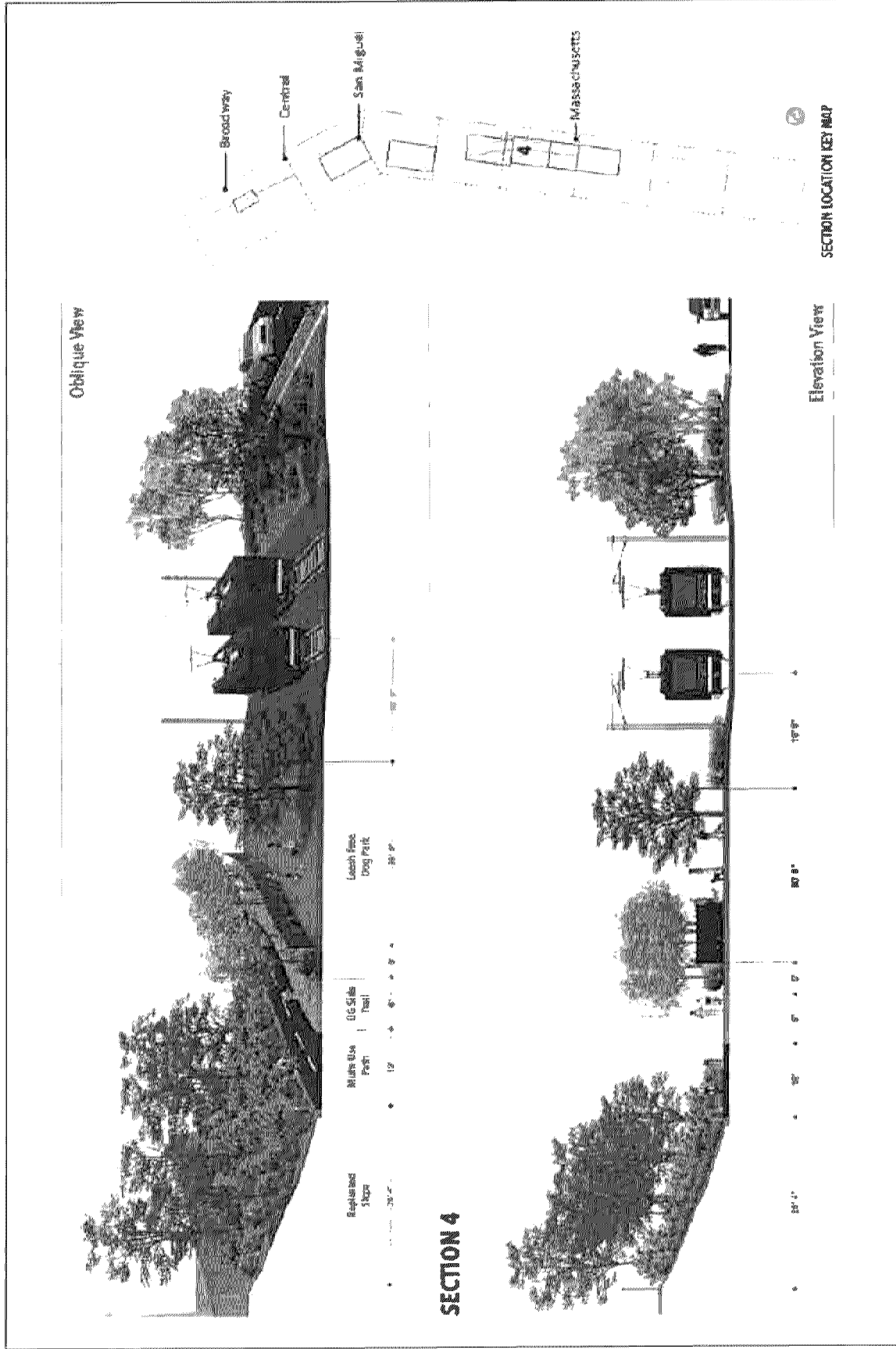


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December 17, 2013
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Connect Main Street: Main Street Promenade - Phase 2

PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS

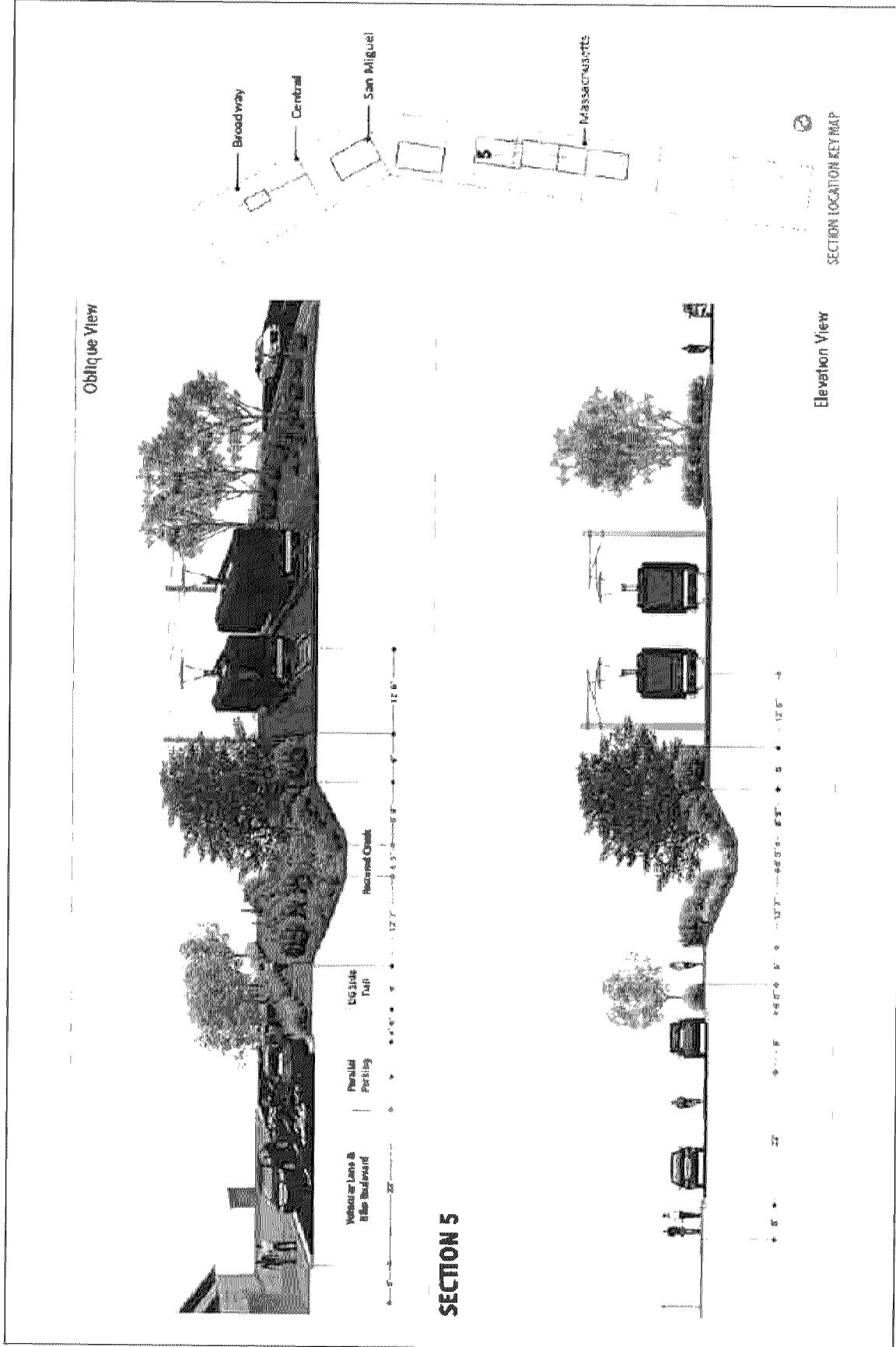
Figure 2C



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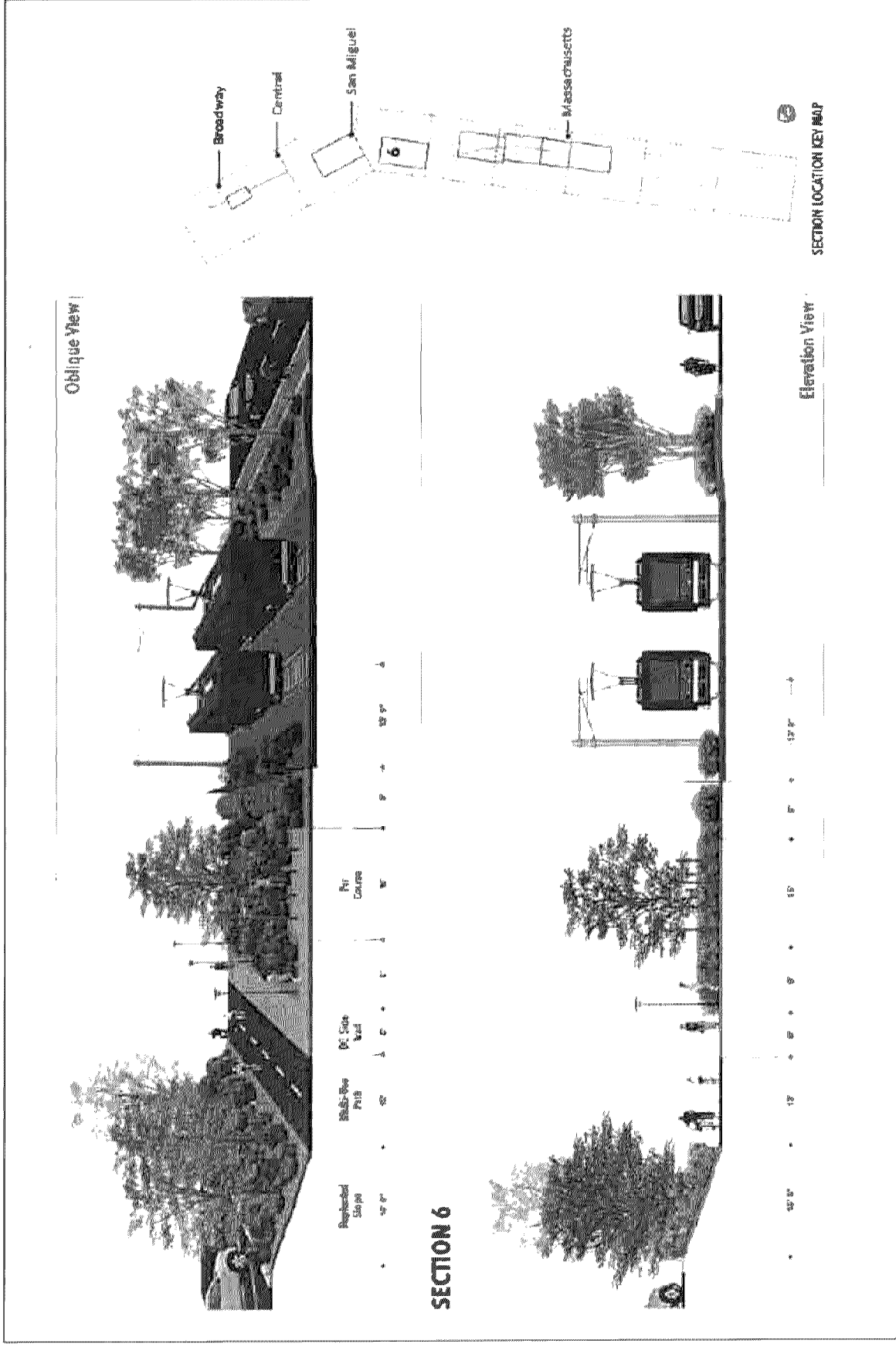
Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2D

Attachment F

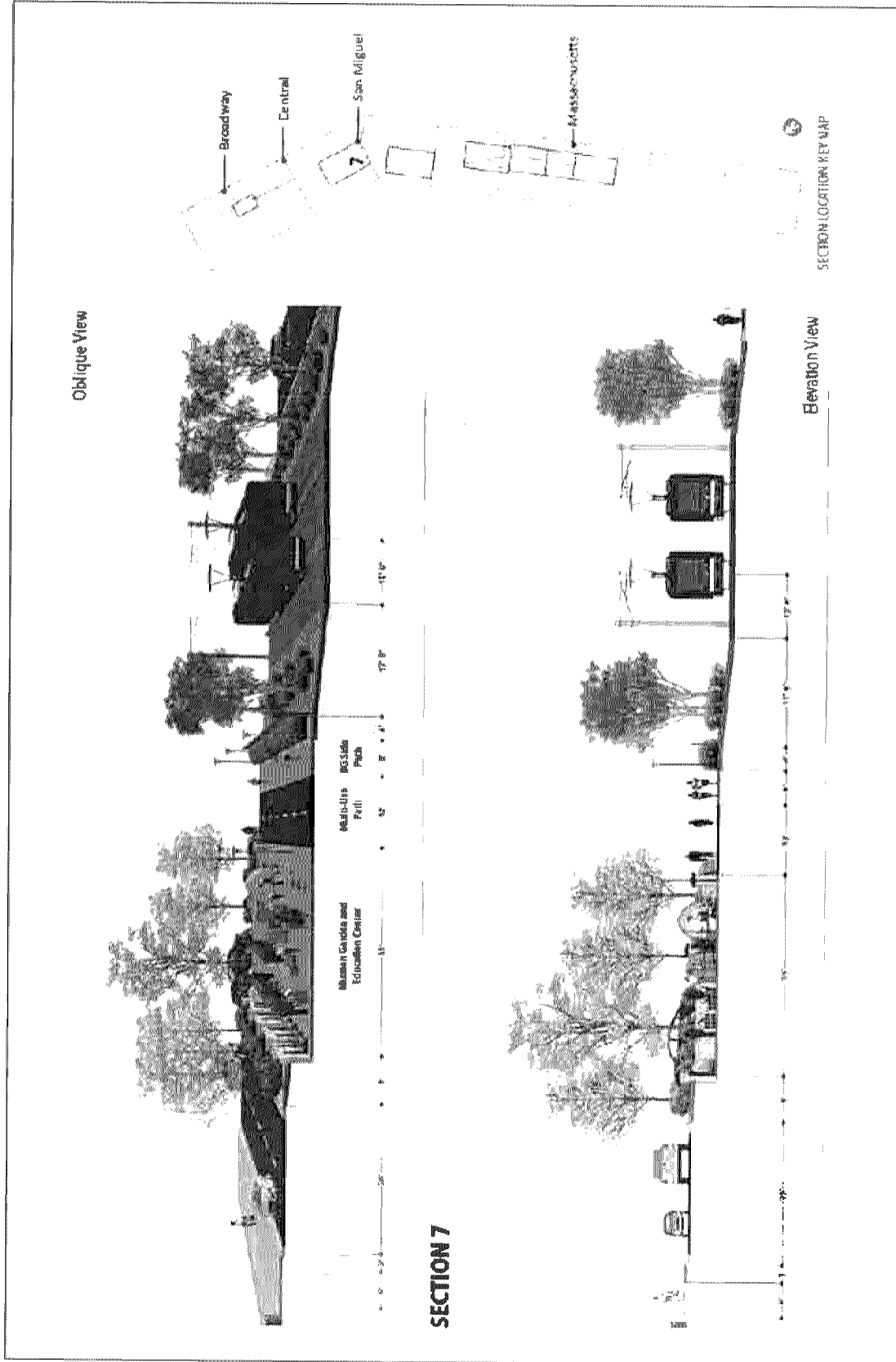


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Services: ERM-A, December 2015
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Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2E

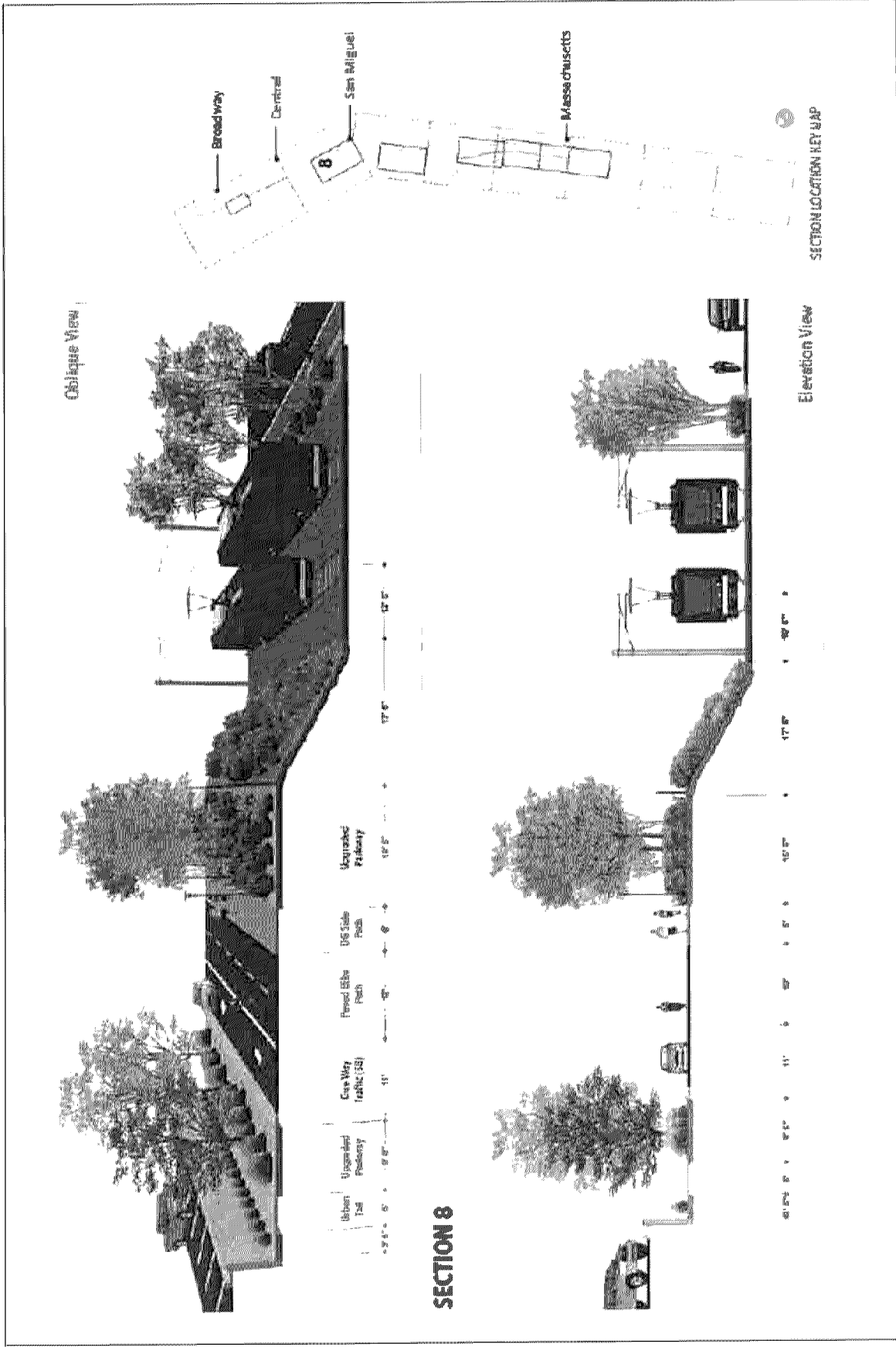


Attachment F



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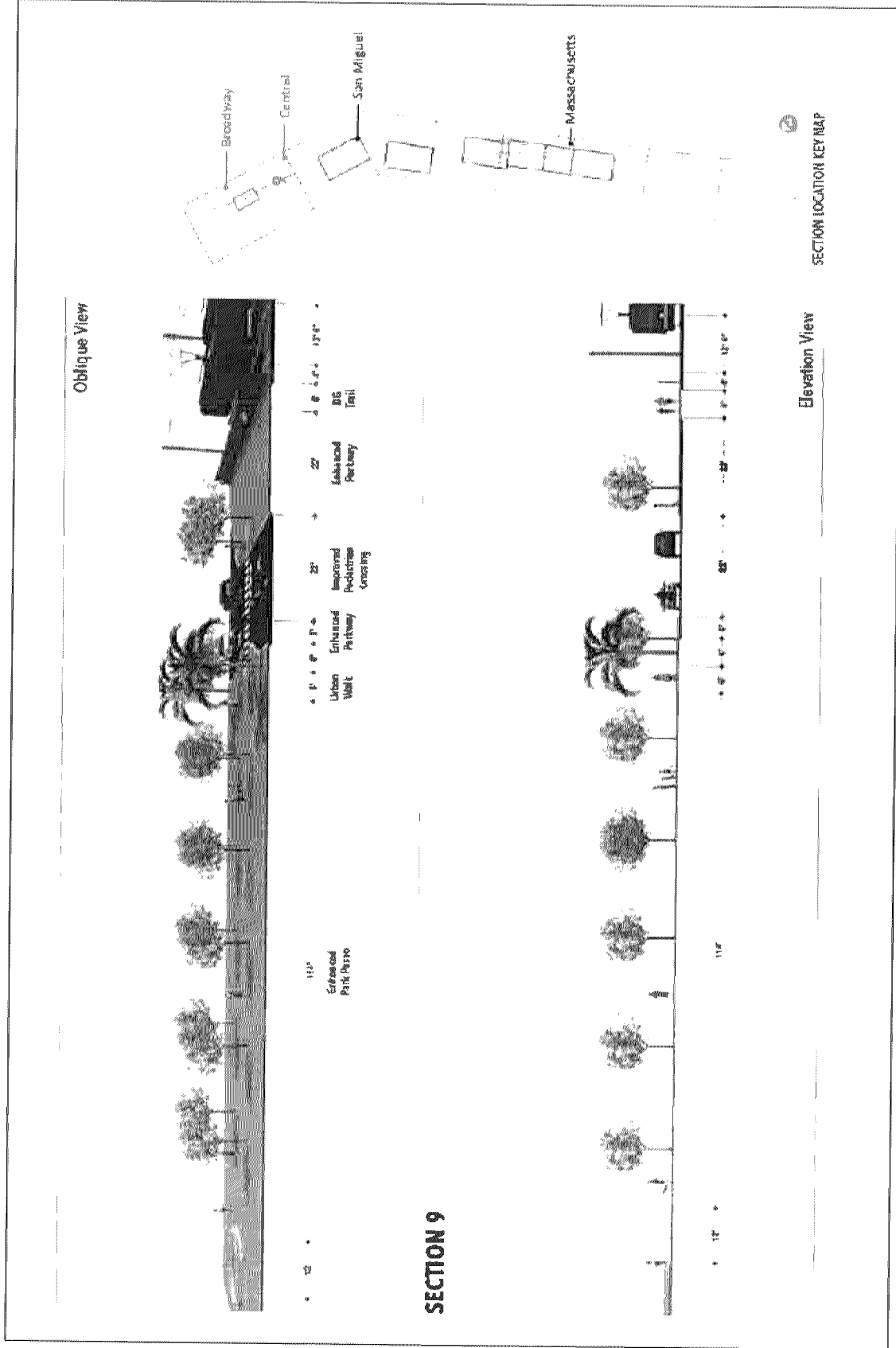
Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2.G



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Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2H

Attachment F

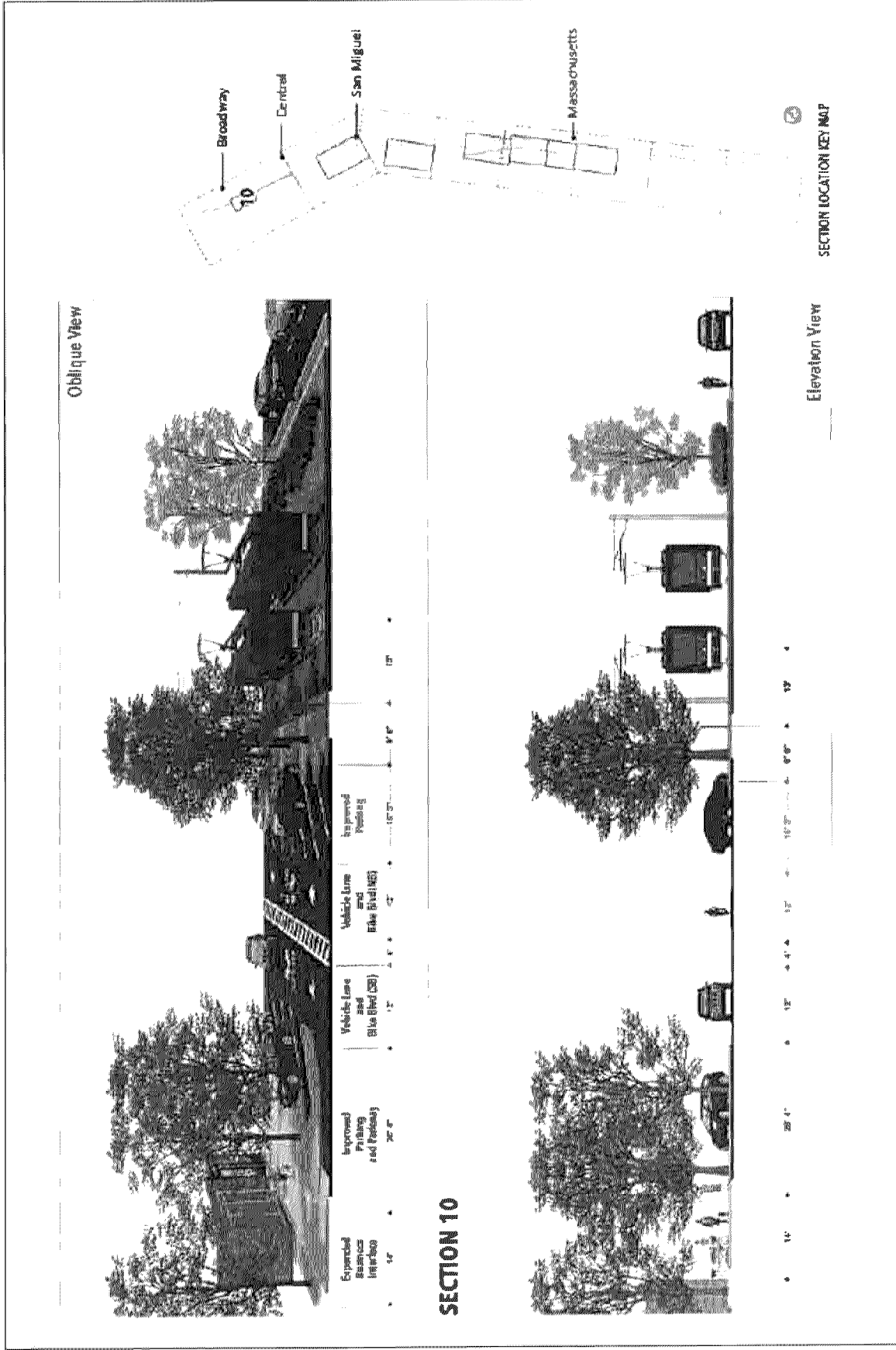


Michael Baker
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Source: CH2M, December 2013
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Connect Main Street: Main Street Promenade - Phase 2

PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS

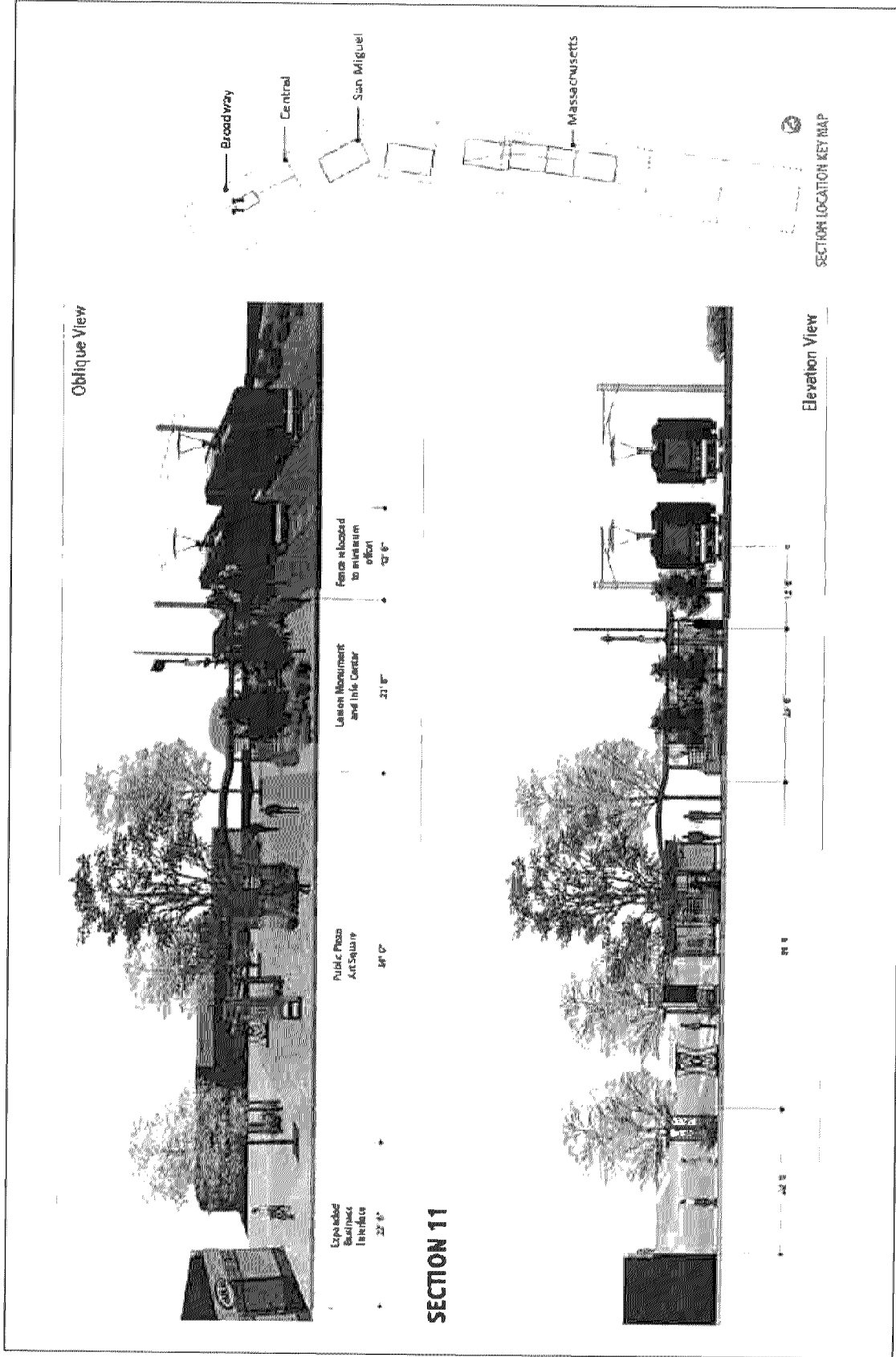
Figure 21



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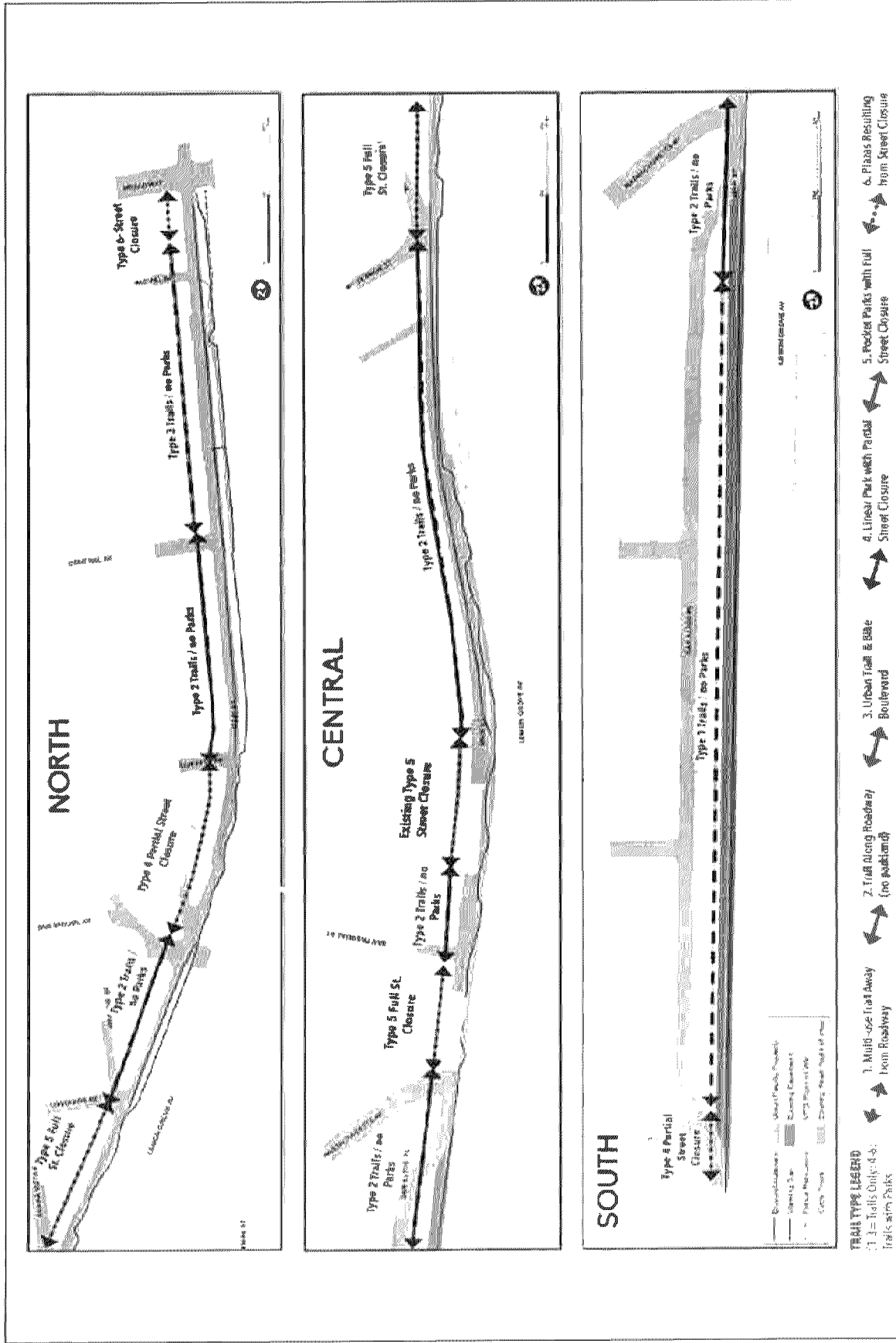
Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2J

Attachment F



Michael Baker
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Connect Main Street: Main Street Promenade - Phase 2
PROPOSED PROJECT - ILLUSTRATIVE CROSS SECTIONS
 Figure 2K

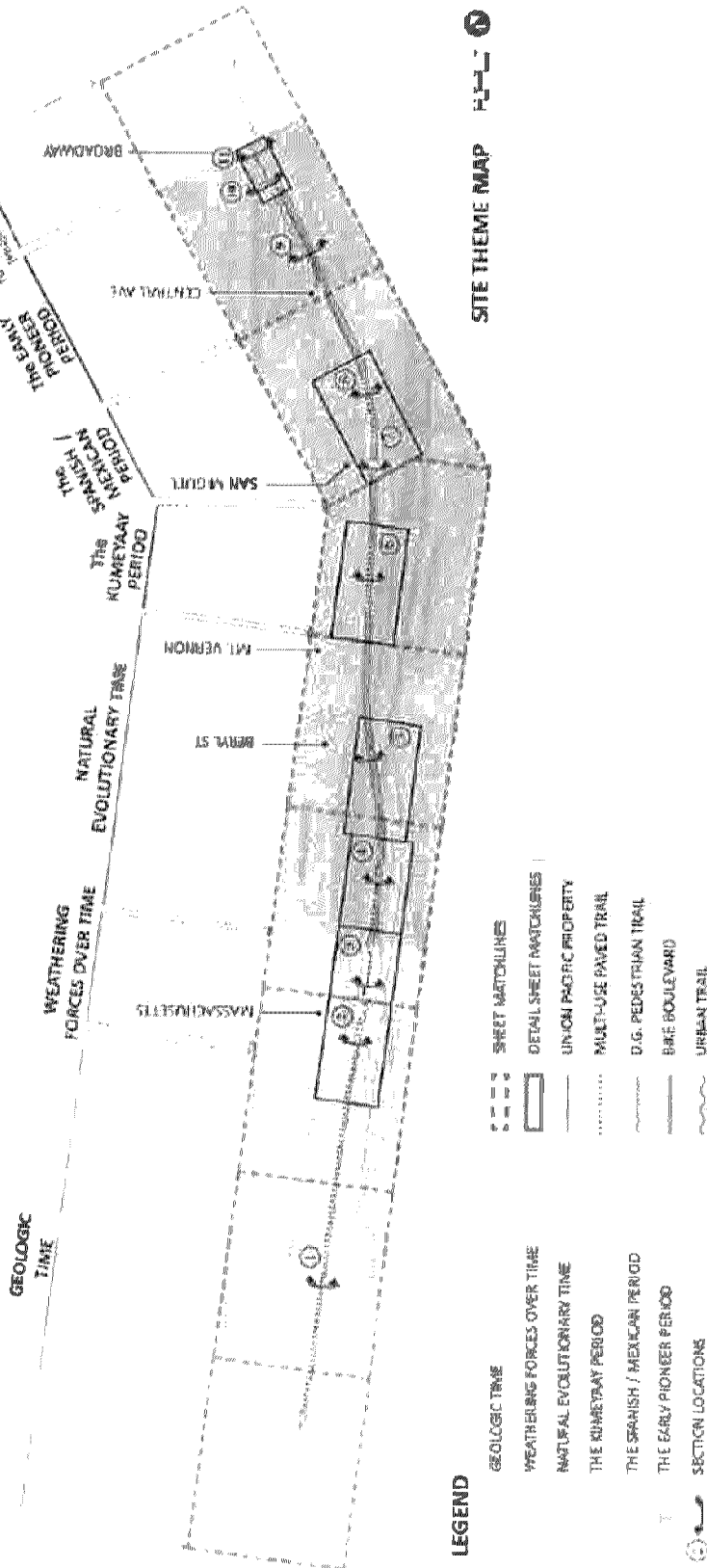


Connect Main Street: Main Street Promenade - Phase 2
PROPERTY / ROW OWNERSHIP OVERVIEW
 Figure 3

PROJECT DESIGN THEME SEGMENTS

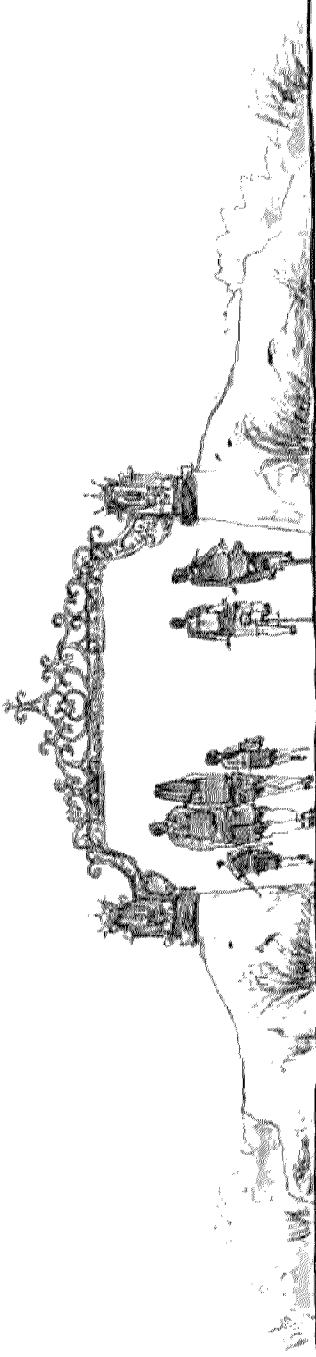
OVERALL DESIGN STATEMENT

The segments shown below will build on the conceptual zoning element of the phase 1 Main Street Promenade project titled "Urban Periodicity, Safety and Waterway Area". Since the historic markers were never added in the plans as planned, the form concept can be extended to the southern border of the phase 2 project. Although not explicitly stated in terms of form, the concept allows for a concept to draw a zone of change with most of the corridor being in the pre-historic period. The historic site markers would represent only a small portion of the corridor. The concept will be made clear through appropriate scale, milestones markers, design decisions and overall design theme a present in each segment. The changes will be made by "time periods" that begin and end in each segment.



The SPANISH / MEXICAN PERIOD EXAMPLES

Spanish and Mexican influences spanned from early Mexican Native Americans to the Spaniards. Stone, tile, mud-brick, and metal may be appropriate. Mileage markers could be explored based with compasses, sextants, and other elements added. Mexican and Spanish influences on landscapes includes mission gardens, pepper trees, agave, our Jords candle, etc. for a moody landscape.



The non-native discovery of the Americas would be portrayed through these Spanish and early Mexican influences

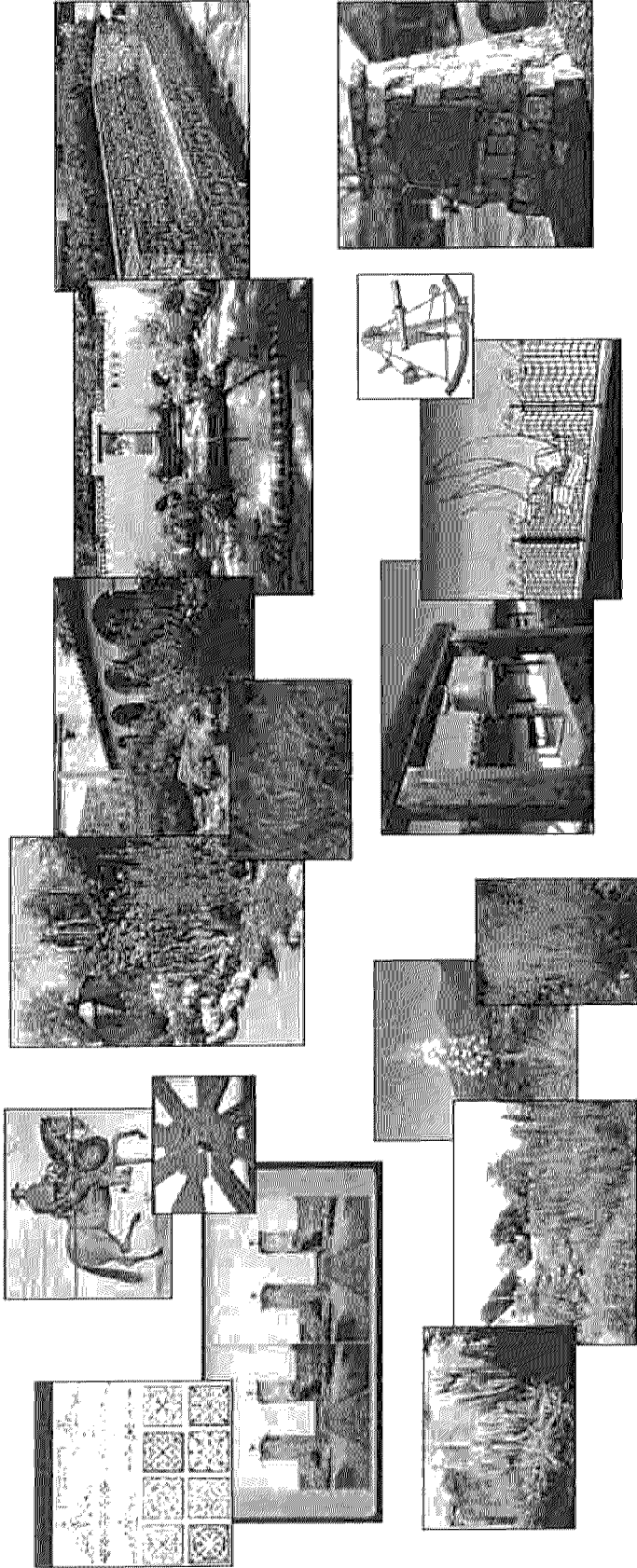


Exhibit "A"

Connect Main Street Volume I: Design Process

Exhibit "B"

Connect Main Street Volume II: Conceptual Plans

**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 3
Mtg. Date October 18, 2016
Dept. Development Services

Item Title: **Ordinance No. 440 – Zoning Amendment ZA1-500-0004 Amending the Zoning District from Residential Low (RL) and Residential Low/Medium (RL/M) to Residential Medium (RM) on a Two Acre Property Located on the Southwest Corner of Palm Street and Camino De Las Palmas, Lemon Grove, CA**

Staff Contact: Ken Lounsbery, Deputy City Attorney
David De Vries, Development Services Director

Recommendation:

Conduct second reading, by title only, and adopt Ordinance No. 440 amending the Zoning District from Residential Low (RL) and Residential Low/Medium (RL/M) to Residential Medium (RM) on a two acre property located on the southwest corner of Palm Street and Camino De Las Palmas, Lemon Grove, CA (APN: 503-252-42-00).

Item Summary:

On October 4, 2016, the City Council introduced Ordinance No. 440 (**Attachment A**). The proposed project is located on the southwest corner of Palm Street and Camino De Las Palmas on a 2.064 acre vacant site in the Residential Low and Residential Low/Medium zones (APN: 503-252-42-00). Ordinance No. 440 amends the Zoning District from Residential Low (RL) and Residential Low/Medium (RL/M) to Residential Medium (RM). Associated permits authorize a 24-lot subdivision, including 20 residential lots, one private street lot (0.30 acres), and three common area lots for the development of 14 single-family homes, three twin homes, two common area parks, and related improvements. The project is property owner initiated. If adopted, the Ordinance becomes effective on November 17, 2016.

Fiscal Impact:

No fiscal Impact.

Environmental Review:

- | | |
|--|--|
| <input type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption | <input checked="" type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input type="checkbox"/> Notice to property owners within 300 ft. |
| <input type="checkbox"/> Notice published in local newspaper | <input type="checkbox"/> Neighborhood meeting | |

Attachments: A. Ordinance No. 440 – (ZA1-500-0004)

Attachment A

ORDINANCE NO. 440

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF LEMON GROVE, CALIFORNIA APPROVING ZONING AMENDMENT ZA1-500-0004 AMENDING THE ZONING DISTRICT FROM RESIDENTIAL LOW (RL) AND RESIDENTIAL LOW/MEDIUM (RL/M) TO RESIDENTIAL MEDIUM (RM) FOR PROPERTY LOCATED AT THE SOUTHWEST CORNER OF PALM STREET AND CAMINO DE LAS PALMAS, LEMON GROVE, CALIFORNIA

WHEREAS, the applicant, Chris Dahrling, Vista Azul, LLC, filed a complete application for approval of a General Plan Amendment (GPA-150-0003) and a Zoning Amendment (ZA1-500-0004) on September 15, 2016 to amend the General Plan from Transportation to Medium Density Residential and to amend the Zoning District from Residential Low and Residential Low/Medium to Residential Medium as part of a request for approval of a Tentative Map (TM0062) and Planned Development Permit (PDP150-0003) to authorize the subdivision of 2.064 acres of land into 24 parcels, including 20 residential lots with 20 dwelling units, a lot for a private street, a lot for common parking, and two lots for common open space; and

WHEREAS, on April 19, 2016, a public hearing was duly noticed and held by the City Council. At the April 19th hearing, the City Council reviewed and disapproved the project which proposed 22 units, 16 of which were in the attached twin-home configuration, and six of which were single-family residences. The City Council provided feedback that the project density was excessive and the project design should more closely reflect a single-family residential community. In response, the applicant submitted final revisions to the project plans on September 15, 2016 for City Council consideration. The revised project proposes 14 detached single-family units and six units in the attached twin-home configuration (20 units total). An additional common area park replaced a single-family residential lot adjacent to the public cul-de-sac. The new project proposes less environmental impacts and less impacts on City public services; and

WHEREAS, a Mitigated Negative Declaration (MND) of Environmental Impact will be filed subsequent to the adoption and final approval of the proposed project by the City Council. The Initial Environmental Study prepared for this project found that the project would have no significant effect on the environment because identified potentially significant impacts associated with Cultural Resources, Geology and Soils, Noise, and Mandatory Findings of Significance will be mitigated to below a level of significance. A notice of intent to adopt a mitigated negative declaration was filed with the County Clerk prior to the City Council public hearing; and

WHEREAS, on October 4, 2016, a public hearing was duly noticed and held by the City Council; and

WHEREAS, on October 4, 2016, the City Council approved Zoning Amendment ZA1-500-0004 and certified Negative Declaration ND16-04; and

WHEREAS, on October 4, 2016, the City Council introduced and conducted the first reading of Ordinance No.440; and

WHEREAS, on October 18, 2016, the City Council conducted the second reading of Ordinance No. 440; and

Attachment A

WHEREAS, the City Council finds that the following findings required to approve a Zoning Amendment can be made in accordance with Section 17.28.080(B) of the Municipal Code:

1. That the proposed amendment is consistent with the General Plan, in accordance with Government Code Section 65860, as amended.

The existing General Plan land use designation is Transportation, which provides for transportation facilities and associated rights-of-way. This site was formerly Caltrans right-of-way which was sold after completion of SR-125. The proposed project includes a General Plan Amendment to redesignate the site from Transportation to Medium Density Residential. As a part of the Special Treatment Area overlay, the General Plan acknowledged that a future general plan amendment would be required after Caltrans sold excess right-of-way subsequent to construction of SR-125.

2. That the public health, safety, and general welfare benefit from the adoption of the proposed amendment.

The site is conducive to a higher density due to its location, which is on a high trafficked collector street, it is directly adjacent to a school on the west, and it is within a quarter mile of a bus stop.

THE CITY COUNCIL OF THE CITY OF LEMON GROVE, CALIFORNIA DOES ORDAIN AS FOLLOWS:

SECTION 1. Finds and determines that the facts set forth in the recitals of this Ordinance are declared to be true; and

SECTION 2. Approves Zoning Amendment ZA1-500-0004 amending the Zoning District from Residential Low and Residential Low/Medium to Residential Medium for property located at the southwest corner of Palm Street and Camino De Las Palmas (APN No. 503-252-42-00).

INTRODUCED by the City Council on October 4, 2016.

SECOND READING by the City Council on October 18, 2016.

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**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 4
Mtg. Date October 18, 2016
Dept. Public Works

Item Title: Award a Contract to California Skateparks for the Skatepark Expansion Project

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Recommendation:

Adopt a resolution (**Attachment B**) awarding a contract to California Skateparks for the skatepark expansion project.

Item Summary:

City staff managed the construction of the skatepark located in Firefighters Park at the intersection of Central Avenue and School Lane in 2008. The project constructed approximately 2,500 square feet of flat concrete surface with multiple skateboarding amenities. During the past several year’s staff has received complaints from park patrons stating the amenities were dated, broken or missing all together. Staff began working with multiple private companies to determine interest in partnering with the city to expand the skatepark in light of the complaints received. After receiving draft renderings in 2015, city staff applied for and received a Housing-Related Parks Program (HRPP) grant for \$85,000 to rehabilitate and expand the skatepark.

With funding identified, the staff report (**Attachment A**) details the selection process, the design process, and the staff’s recommendation to work with California Skateparks.

Fiscal Impact:

No funds have been allocated at this time. If the City Council approves the project, staff requests two budget adjustments. Add a new line item allocating \$85,000 to Fund 8 – Grant Funds, Capital Projects, Skatepark Expansion Project and \$5,000 to Fund 5 – Park Land Dedication Ordinance in the Fiscal Year 2016-2017 budget.

Environmental Review:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption, Section | <input type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input type="checkbox"/> Notice to property owners within 300 ft. |
| <input type="checkbox"/> Notice published in local newspaper | | <input type="checkbox"/> Neighborhood meeting |

Attachments:

- | | |
|------------------------|-------------------------------------|
| A. Staff Report | D. Community Meeting Survey Summary |
| B. Resolution | E. California Skateparks Proposal |
| C. Skatepark Rendering | F. Donated Work Schedule |

Attachment A

LEMON GROVE CITY COUNCIL STAFF REPORT

Item No. 4

Mtg. Date October 18, 2016

Item Title: **Award a Contract to California Skateparks for the Skatepark Expansion Project**

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Background:

In 2008, city staff oversaw the construction of the skatepark located in Firefighters Park at the intersection of Central Avenue and School Lane. The project removed approximately 2,500 square feet of turf and installed concrete with metal grading rails and other amenities. Additionally, it relocated irrigation lines to continue to water the remaining turf existing on site. Since its construction the skatepark continues to be an area that is heavily populated by residents and guests for skate boarding. In 2014 when the City held a special event that closed School Lane to vehicular traffic, the skatepark hosted a skate boarding competition.

In the most recent two years, staff has noticed an increase in the amount of vandalism, trash and graffiti that has occurred at the park. Based on staff's observations, it seems that when there was an increase in the amount of vandalism at the park (e.g. broken rails) there was also an increase in the amount of trash and illegal activity occurring at the park. For these reasons, staff researched any grant that would be able to rehabilitate the park to "re-energize" it so skate boarders could utilize the area once again and make the park a clean and fun family environment.

The Housing-Related Parks Program (HRPP) grant was identified because it provides funds to eligible projects that improve existing parks and recreation facilities. Staff applied for the grant funds and on June 26, 2015, the City was awarded \$364,500. The application identified two projects to use the grant funds for: Connect Main Street Sidewalk Rehabilitation project and the Skatepark Rehabilitation Project. \$85,000 was allocated to the design and expansion of the skatepark.

The remaining portion of this staff report will detail staff's work with other contractors, the design process, and the staff's recommendation to work with California Skateparks.

Discussion:

In April 2013, city staff began to research professional companies that the city may partner with to design and build an expansion to the skatepark. While there are a number of professional companies that exist there were few that were interested in partnering with the City. Since 2013, staff has contacted the following three companies and gauged its interest in working with the City:

Name	Location
California Skateparks	Upland, CA
Spohn Ranch	Los Angeles, CA
Tony Hawk Foundation	Vista, CA

Attachment A

Of the three only Spohn Ranch and California Skateparks were interested in meeting with city staff and providing its renderings of the expansion project. And of the two, only California Skateparks is still interested in continuing to work with the city to complete the design and oversee all construction activities.

The expansion project includes adding approximately 800 square feet of concrete to the existing skatepark and incorporating skateable art and skate features giving Lemon Grove a unique identity that reflects the community feedback into the design.

The rendering (**Attachment C**) showings multiple views from different angles of what California Skateparks created. Once city staff received the rendering, staff worked with the City Manager's Office to apply for grant funds. And in July 2015, this project was funded to receive \$85,000 from the HRPP grant.

Project Budget

Moving forward staff is anticipating the following project budget to complete the expansion project:

Description	Amount
Construction Costs	\$85,000
Private Company Donation / Assistance	\$15,000
Project Contingency ~ 5%	\$5,000
Total	\$105,000

There are three funding sources for this project. Each are identified and described below:

- *Grant Funds* – The HRPP grant will provide \$85,000 to fund the majority of the construction costs.
- *Park Land Dedication Ordinance Fund* – The project contingency of \$5,000 is requested to be funded from the Park Improvements expenditure line item (Acct. No. 05-00-00-7080). This will not be used unless an unforeseen emergency is encountered.
- *Donation / Assistance* – As shown in **Attachment E and F** there are approximately \$15,000 in costs that will be donated/funded by a private contractor. In exchange for this contribution a plaque will be created that recognizes both California Skateparks and the private contractor for supporting this project.

Design Build

A critical component of this project is the design/build service that California Skateparks has agreed to provide to the City. This methodology, is not new, however, it is typically reserved for more complex projects that have multiple moving segments that require specific design needs to be performed in the field, rather than the traditional design, bid and construction timeline. Other benefits of using the design build process includes:

- *Single Responsibility* – The design/build approach provides both design and construction under a single contract. Therefore the owner's control of the entire design/build process is strengthened and financial risk is reduced by contracting with a single firm.
- *Early Knowledge of the Firm Price* –A design/build conceptualizes the completed project at an early stage. Continuous and concurrent estimating during the development of design results in accurate construction costs and often times at a faster timeline than originally estimated.

Attachment A

- *Value-Engineering* – Design and construction personnel evaluate alternative systems, materials and methods efficiently and accurately. From the outset of the project, both design and construction teams review all components of a project.
- *Time Saving* – The design and construction processes can be overlapped, bidding periods and redesign time are eliminated, and long lead time purchases can be made early on in the design phase. The total project duration may be reduced, resulting in earlier utilization and superior total project economics.
- *Quality Enhancement* – Design/build inherently provides higher quality because the design/builder has responsibility for performance through both phases of work. It also allows resources and attention to be productively focused on cost effective solutions yield the best value and quality.

Community Meeting

Once funding was identified, staff requested California Skateparks assist with a community meeting at the current skatepark. On August 13, 2016, approximately 20 participants attended, skated, and provided their feedback, which is summarized in **Attachment D**, to eight questions and an exercise that ranked the most important features desired. Feedback received was very interesting and will shape what features will be included in the expansion project. From the summary provided by California Skateparks the following points were highlighted as important notes provided by the public:

- 80% of the participants were residents,
- 65% of the participants preferred street skating,
- Rails and ledges were the preference street amenities (each with 13%),
- The average number of years skaters have been riding is 5 years,
- 23% of the participants requested lighting to skate at night (this is not part of the expansion project at this time),
- The majority of the skaters are intermediate / advanced levels,
- 39% of the participants preferred steel coping as the edge treatment, and
- Each survey participant skates at the park daily.

The majority of the input from the community meeting will be incorporated into the final design of the skate park. Additional considerations will include the flow of the park, placement of the new amenities, and demolition of existing amenities will all be included in the design should the City Council award a contract to California Skateparks.

Company Information

Established in 1998, California Skateparks offers a variety of services that focus on the design and construction of skateparks. Its staff includes professional skateboarders, landscape architects, general contractors, civil & structural engineers, and master builders.

Since first contacted by the City, California Skateparks has provide a free design that incorporated a gap analysis between the existing site and the most optimal skatepark design with a limited budget. All the while balances the needs and desires of the community with the long term maintenance requirements from the City.

The two most recent design builds that California Skatepark are working on include the following:

Attachment A



Newark, New Jersey



(Linda Vista) San Diego, CA

Procurement Process

Staff recommends that the City Council waive the requirements for solicitations of multiple proposals when only one individual or firm can provide the professional services [Lemon Grove Municipal Code (LGMC) 3.24.070 (A) Professional Services].

Staff concluded that there may be other entities that can design and/or construct the skatepark expansion project. However, by combining the design/build process under one contract with one company, there was only one company that expressed an interest in partnering with the City and that was California Skateparks.

Conclusion:

Staff recommends that the City Council adopts a resolution (**Attachment B**) awarding a contract to California Skateparks to design and build the skatepark expansion project.

Attachment B

RESOLUTION NO. 2016 -

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LEMON GROVE, CALIFORNIA AWARDING A CONTRACT TO CALIFORNIA SKATEPARKS TO DESIGN AND BUILD THE SKATEPARK EXPANSION PROJECT

WHEREAS, in 2008, the city constructed a new skatepark located in Firefighters Park at the intersection of Central Avenue and School Lane. The project included approximately 2,500 square feet of flat concrete surface with multiple skateboarding amenities; and

WHEREAS, in the recent past, the skatepark has seen an increase in vandalism, theft and graffiti; and

WHEREAS, enhancing the skatepark with additional amenities and expanding the usable area may activate and re-energize the park to decrease the negative incidents at the skatepark; and

WHEREAS, staff contacted multiple skatepark builders and only one company, California Skateparks, expressed an interest in continuing the partnership from design through to construction; and

WHEREAS, the city and California Skateparks held a community meeting on August 13, 2016, where 20 participants attended and provided specific feedback about the initial design; and

WHEREAS, staff concluded that California Skateparks' design/build proposal is the best option for the City to effectively and efficiently construct the skatepark expansion; and

WHEREAS, a construction budget is approved in the amount of eighty-five thousand and zero cents (\$85,000.00); and

WHEREAS, a project budget that includes volunteer/donation and a contingency amount is approved at one hundred and five thousand and zero cents (\$105,000.00); and

WHEREAS, the City Council finds it in the public interest that a contract for is awarded to California Skateparks. :

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Lemon Grove, California hereby:

1. Approves the requested budget adjustments; and
2. Awards a contract to California Skateparks in an amount not to exceed eighty-five thousand dollars and zero cents (\$85,000.00); and
3. Establishes a project budget not to exceed one hundred five thousand dollars and zero cents (\$105,000.00); and
4. Authorizes the City Manager or her designee to manage and execute all contract documents.

/////
/////

Attachment C



 **CALIFORNIA**
skateparks

Lemon Grove Skatepark,
Lemon Grove, CA

2016.02.15

Concept A



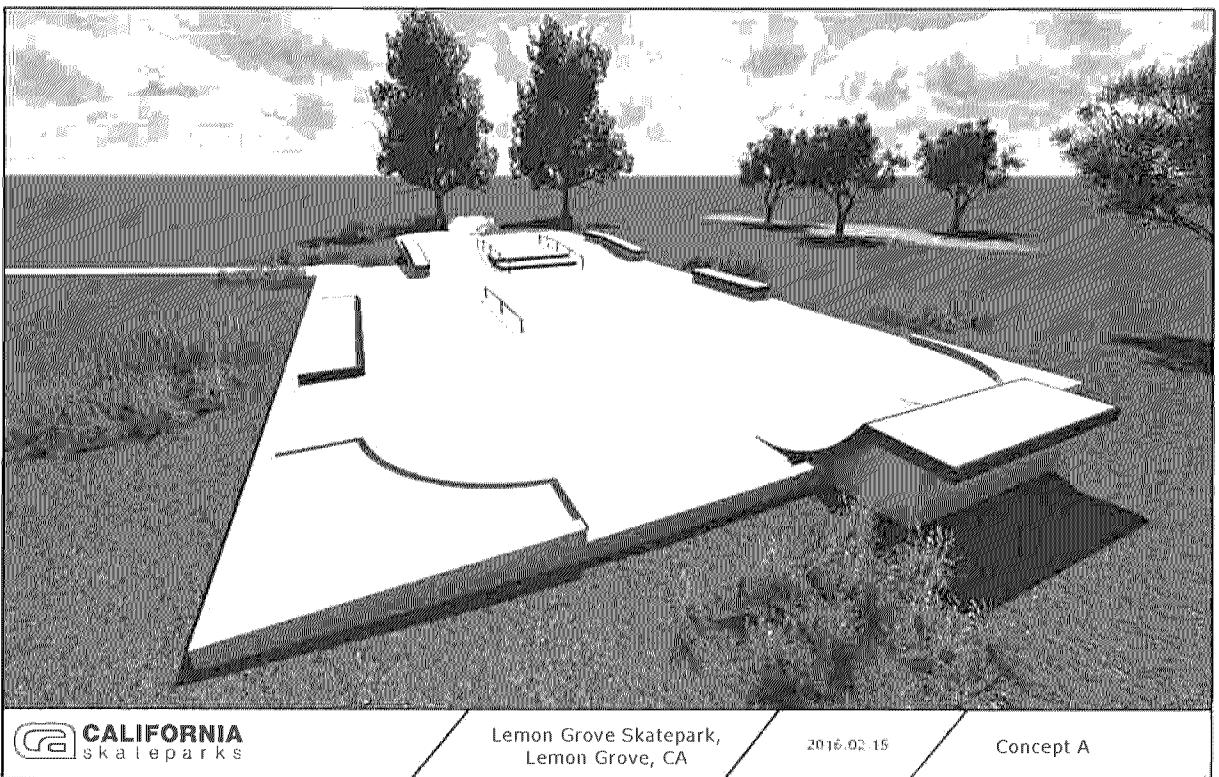
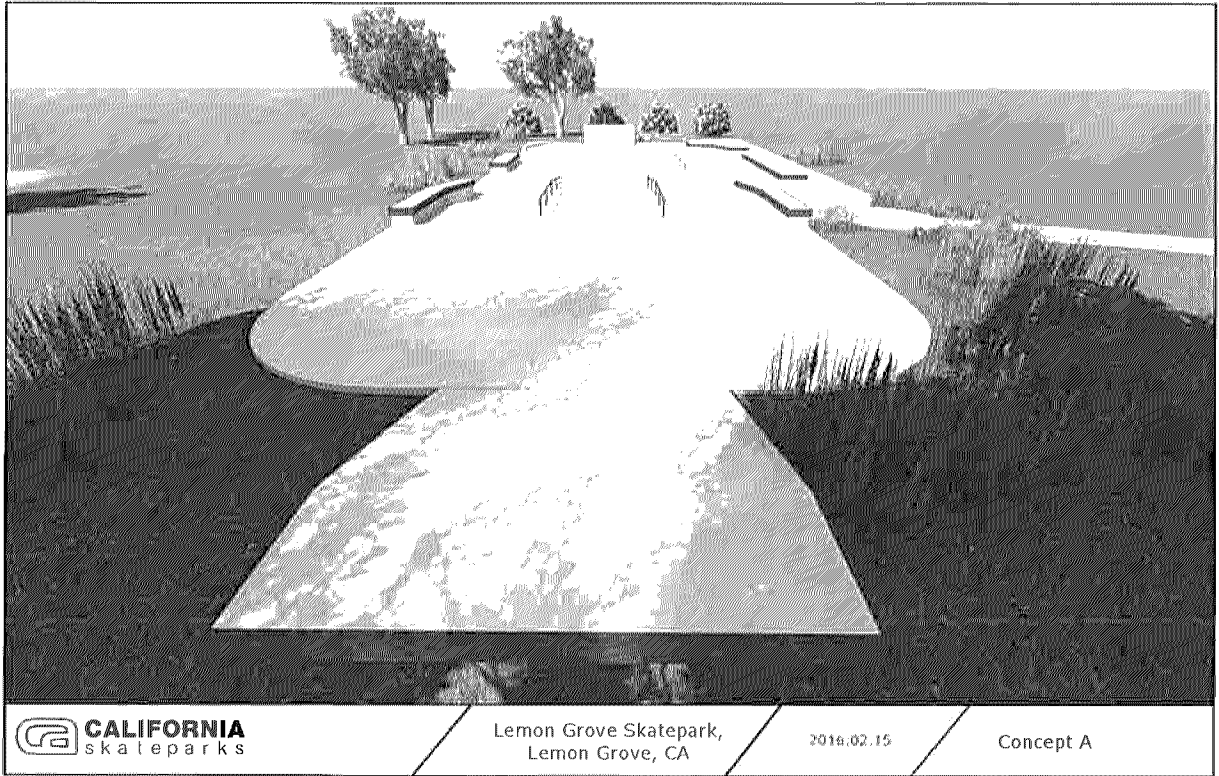
 **CALIFORNIA**
skateparks

Lemon Grove Skatepark,
Lemon Grove, CA

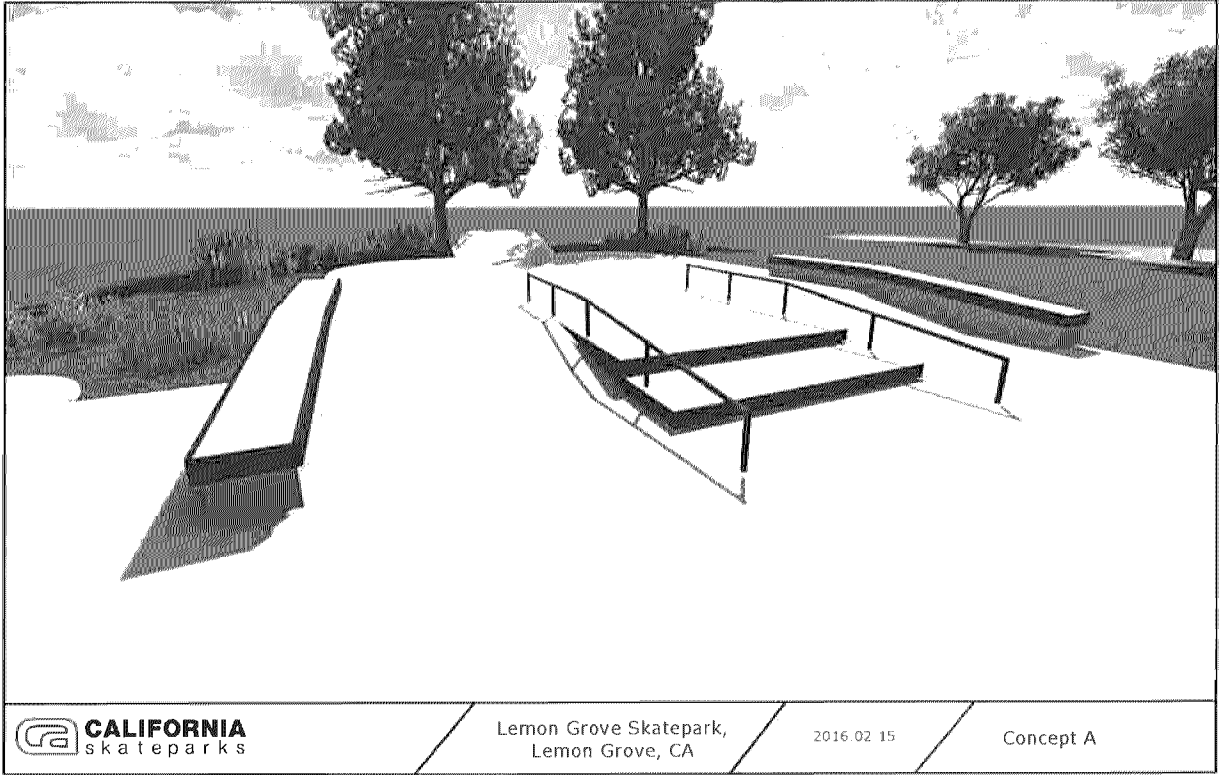
2016.02.15

Concept A

Attachment C



Attachment C



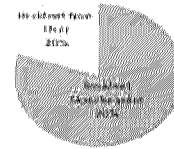
Attachment D

 **CALIFORNIA**
Skateparks
Project Moses Leon Drive Skatepark
Public Design Workshop 08/13/2015
Skatepark Program Inventory per Questionnaire

Survey Results
Total Points
Street - 57.9
Transition - 32.9



Echo Skate Park Public Meeting Attendees



Non-Resident
0%
Resident In-Line Skater
0%
Resident In-Line Skater
0%
Non-Resident
0%

User	Material type	Geometry/Shape	Finish/Slabtype	Max. Ramp Steepness	Stairs/Flooring	Safe Height	Clearance	Footcandle	4'x8' Decking	4'x6' Decking	Overall Features
1	Slab	Slab on grade, concrete	Concrete, m.s.w.	7 years	H/A	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
2	Slab	Slab on grade, concrete	Concrete	3 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
3	Slab	Slab on grade, concrete	Wood, concrete	10 years	H/A	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
4	Slab	Slab on grade, concrete	H/A	11 years	D/AV	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
5	Slab	Slab on grade, concrete	Concrete	4 years	H/A	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
6	Slab	Slab on grade, concrete	All	10 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
7	Slab	Slab on grade, concrete	Concrete	10 years	H/A	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
8	Slab	Slab on grade, concrete	Concrete	5 years	H/A	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
9	Slab	Slab on grade, concrete	All	4 years	4.57' Deck	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
10	Slab	Slab on grade, concrete	H/A	1.5 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
11	Slab	Slab on grade, concrete	All	4 years	D/AV	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
12	Slab	Slab on grade, concrete	Custom concrete, wood	3 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
13	Slab	Slab on grade, concrete	Concrete	4 years	D/AV	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
14	Slab	Slab on grade, concrete	Concrete	2 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
15	Slab	Slab on grade, concrete	All	1 month	H/A	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
16	Slab	Slab on grade, concrete	Concrete	4 years	D/AV	Advanced	1:12	1-20	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height
17	Slab	Slab on grade, concrete	Concrete	3 years	D/AV	Intermediate	1:12	1-10	4'x8' Decking	4'x6' Decking	Flow, quarter panels, not drilled sheet metal, 1/2" x 2 1/4" ledge height

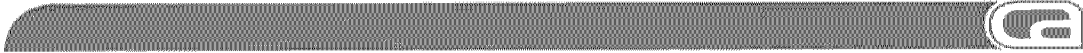
User	Ratio (flat rail, hand rails, etc.)	Legs (flat legs, ladder, etc.)	Boards (smooth, double, etc.)	Stairs (staircase, double, etc.)	"A" Frame (bank to bank with rail)	Kicker Gaps	Chin's (bank / stair) Height	1:12 Rise / Run	Step-up / down Gaps	Clearance (feet)	Skate ramp deck / features
1	10	10	0	0	0	0	0	0	0	0	0
2	10	10	0	0	0	0	0	0	0	0	0
3	10	10	0	0	0	0	0	0	0	0	0
4	10	10	0	0	0	0	0	0	0	0	0
5	10	10	0	0	0	0	0	0	0	0	0
6	10	10	0	0	0	0	0	0	0	0	0
7	8	8	0	0	0	0	0	0	0	0	0
8	10	10	0	0	0	0	0	0	0	0	0
9	4	4	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	10	10	0	0	0	0	0	0	0	0	0
12	10	10	0	0	0	0	0	0	0	0	0
13	10	10	0	0	0	0	0	0	0	0	0
14	8	8	0	0	0	0	0	0	0	0	0
15	9	9	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0
17	10	10	0	0	0	0	0	0	0	0	0
Average	8%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percentage	13%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%

User	Handrail (front support, etc.)	Separate Board	Flow Course	Ramp Run	Half-ramp / In-between	Surface	Ribs	Vert	Over vert	Wallride	Layback Bank	Pump Bump	Extensions
1	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10
Average	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Percentage	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%

User	Lighting - Night Stalling	Bench - Seating	Trash Receptacles	Distributing Fountain - Inside park	Restroom Facility	1:12 slope (rise/run)	Parking
1	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10
Average	8%	8%	8%	8%	8%	8%	8%
Percentage	13%	13%	13%	13%	13%	13%	13%

User	Wheel Support	Flattening	Flattening	Skateboard	Skateboard
1	10	10	10	10	10
2	10	10	10	10	10
3	10	10	10	10	10
4	10	10	10	10	10
5	10	10	10	10	10
6	10	10	10	10	10
7	10	10	10	10	10
8	10	10	10	10	10
9	10	10	10	10	10
10	10	10	10	10	10
11	10	10	10	10	10
12	10	10	10	10	10
13	10	10	10	10	10
14	10	10	10	10	10
15	10	10	10	10	10
16	10	10	10	10	10
17	10	10	10	10	10
Average	8%	8%	8%	8%	8%
Percentage	13%	13%	13%	13%	13%

User	Skateboard	Skateboard	Skateboard	Skateboard	Skateboard
1	10	10	10	10	10
2	10	10	10	10	10
3	10	10	10	10	10
4	10	10	10	10	10
5	10	10	10	10	10
6	10	10	10	10	10
7	10	10	10	10	10
8	10	10	10	10	10
9	10	10	10	10	10
10	10	10	10	10	10
11	10	10	10	10	10
12	10	10	10	10	10
13	10	10	10	10	10
14	10	10	10	10	10
15	10	10	10	10	10
16	10	10	10	10	10
17	10	10	10	10	10
Average	8%	8%	8%	8%	8%
Percentage	13%	13%	13%	13%	13%



DATE: October 12, 2016

RE: City of Lemon Grove, CA – Skate Park Expansion

TO: City of Lemon Grove
 Attn: Mike James | Assistant City Manager / Public Works Director
 3232 Main Street
 Lemon Grove, CA 91945

California Skateparks, Inc. (LIC. 962150) proposes to supply the following Design & Build services, including the necessary materials, labor, specialized tools, workman’s compensation, auto/general liability insurance and construction experience required to complete the Renovation & Expansion of 4,700 sq. ft. skate park plaza at Firemens Park (School Lane & Central Avenue, Lemon Grove CA 91945). CSP will perform the tasks outlined below for the proposed Skate Park as follows:

SKATE PARK SCOPE OF WORK:

Description	Fee
<p>Design & Construction Documents (CD's)</p> <p>Preparation of complete design and construction documents, stamped and signed, for new construction of the proposed skate park project, including skate park detailing, grading & drainage, earthwork, landscape, new & relocated electrical, new lighting, walkways, & structural calculations.</p> <ul style="list-style-type: none"> • 2 Electronic CD Submittals (90% / 100%) • 2 Electronic Specification Submittal (90% / 100%) • 1 Electronic Final Render (PDF) of the Proposed Project (100%) <ul style="list-style-type: none"> ○ NOT INCLUDED - Geotechnical Info. (Provided by the City / Client) ○ NOT INCLUDED – Survey (Provided by the City / Client) ○ NOT INCLUDED – Design Review Fees (Waived by the City / Client) 	<p>\$9,200.00</p>
<p>General Conditions</p> <p>Included in the general conditions are the applicable bond forms, insurance documents, and superintendent & storage container.</p> <ul style="list-style-type: none"> ○ NOT INCLUDED – construction trash bins, temporary office, temporary fence (Provided by the City / Client). 	<p>\$10,500.00</p>
<p>Skate Park Cast-In-Place Components.....</p> <p>Skate park plaza of 4,700 S.F. includes: reinforced cast-in-place concrete with 6" aggregate base for all new concrete, 12" thickened edges, skate stairs, skate ledges, ledge footings, retaining walls, retaining wall footings, 6" shotcrete for skate transitions and skate banks, expansion joints, cold joints, & sawcutting.</p>	<p>\$47,200.00</p>

Attachment E



SKATE PARK SCOPE OF WORK CONTINUED:

Description	Fee
Skate Park Metal Fabrication (coping & skate rails) Includes 2" round steel metal coping for quarter pipe, Curb protective steel plate (flat plate), 5" C-Channel steel coping for long edge of ledges, stairs risers and sides, quarter pipe cantilevers, 5" flat steel plates for short end of ledges, 2" round steel skate rails including their concrete footings.	\$18,100.00
DESIGN BUILD TOTAL AMOUNT	\$85,000.00

APPROXIMATE SCHEDULE:

- 1-2 Weeks:** Public Workshop #2 & final design
- 4-6 Weeks:** 90% CD's, 100% CD's, and City review time
- 2-3 Weeks:** Permitting, pre-construction meeting, ground breaking, submittals / shop drawings to client, team mobilization.
- 2-3 Weeks:** Demolition, Rough & Fine Grading & Compaction, 6" Aggregate Base, Formwork Material & Installation, Metal Fabrication and Placement for Steel Frames.
- 2-3 weeks:** Rebar material & installation, shotcrete banks and transitions, walls, ledges, stairs, thickened edge perimeter, install expansion joints, dowels, keyways, & saw cuts.
- 1 Week:** Park cleaning, sealing & caulking, painting metals, substantial completion review.
- 1 Week:** Project closeout, sign-off and client acceptance.

GENERAL CLIENT RESPONSIBILITIES:

- 1) Applicable Permit & Municipal Administrative Fees
- 2) Mobilization Items - Temporary Construction Fencing & Trash Receptacles (Material & Installation)
- 3) Clearing & Grubbing and Demolition – Demolition and preparation of site for the proposed skate park project.
 - a. Unforeseen items such as irrigation removal / re-routing.
 - b. Unforeseen items such as tree removal, relocation, and protection.
- 4) Earthwork – Earthwork for the proposed skate park project includes
 - a. Retaining wall backfill
 - b. Import / Export material
 - c. Rough & Fine grading: Site prepared for skate park renovation.
- 5) Geotechnical Investigation and Report
- 6) Soils Testing & Special Inspections Costs
- 7) Design Work Outside Limits of Skate Park / Additional work
- 8) Supply utility connection needed for the construction of the skate park (water & electrical).



EXCLUSIONS:

DESIGN: Electrical & Lighting (Design or Construction), Landscape planting & Irrigation (Design or Construction), Civil Design, Environmental studies / report.

EARTHWORK: Additional recommendations by Geotech Engineer if applicable.

DRAINAGE: PVC Storm Drain lines, Catch Basin, Manholes, Cleanout with Cap, etc...

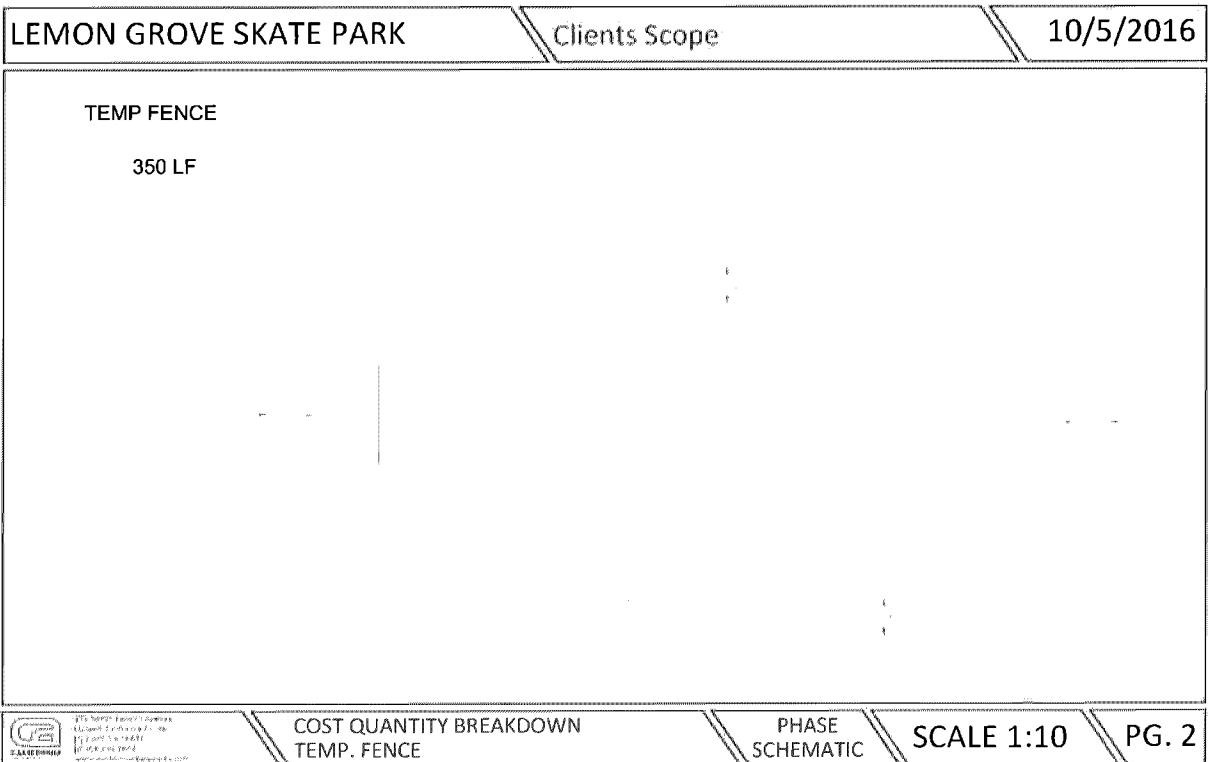
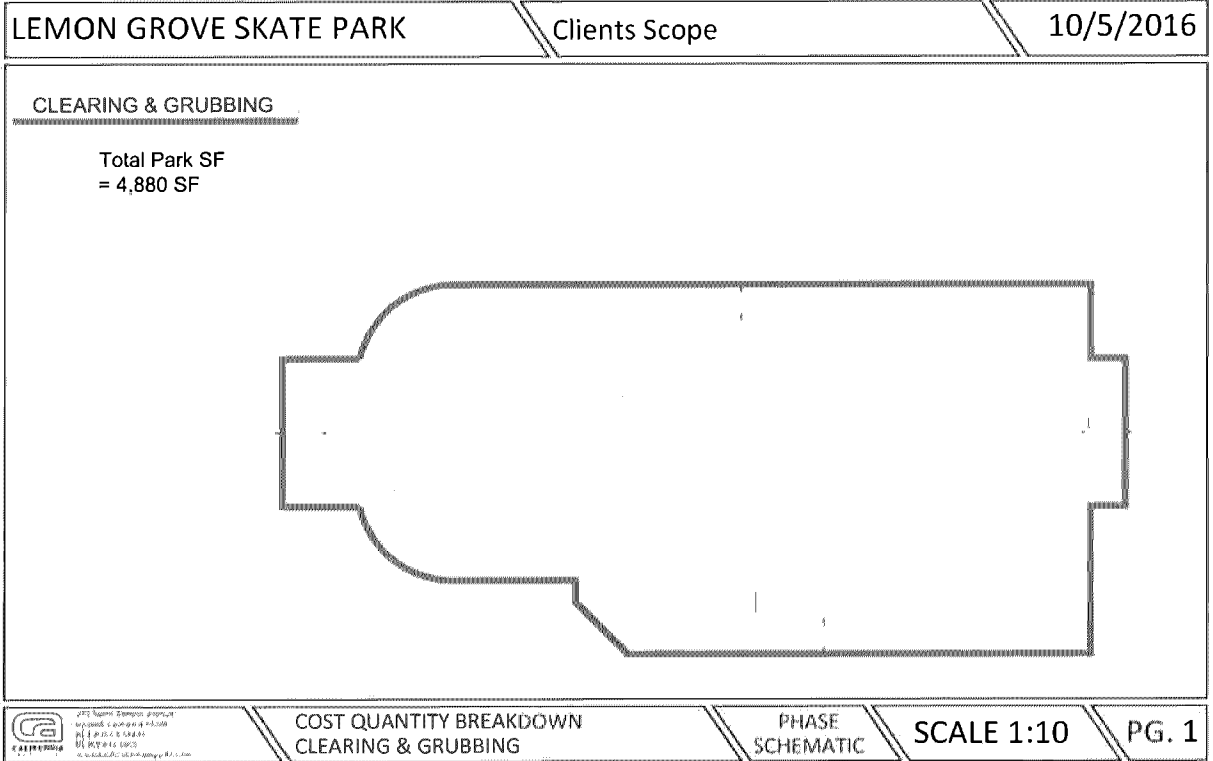
METAL PROTECTION: BMX Protection Plates

OTHER: Permanent Fencing or Guardrails / Handrails, Rules Sign.

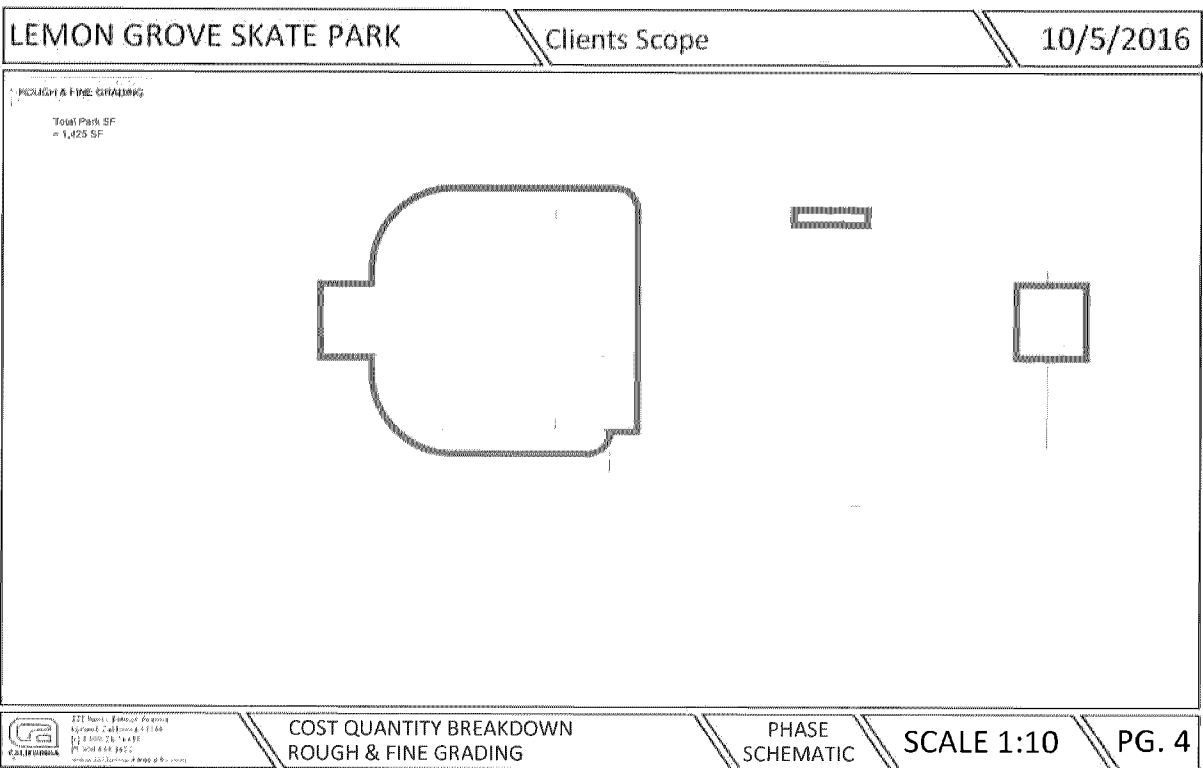
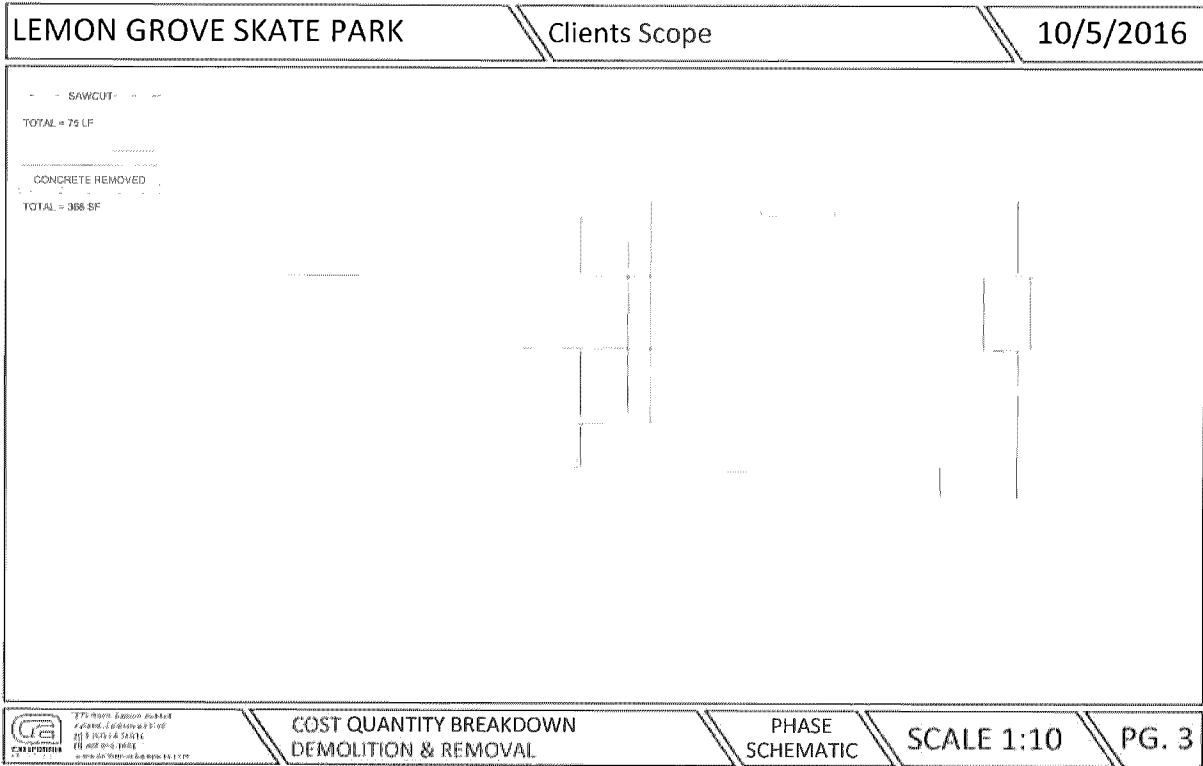
ACCEPTANCE:

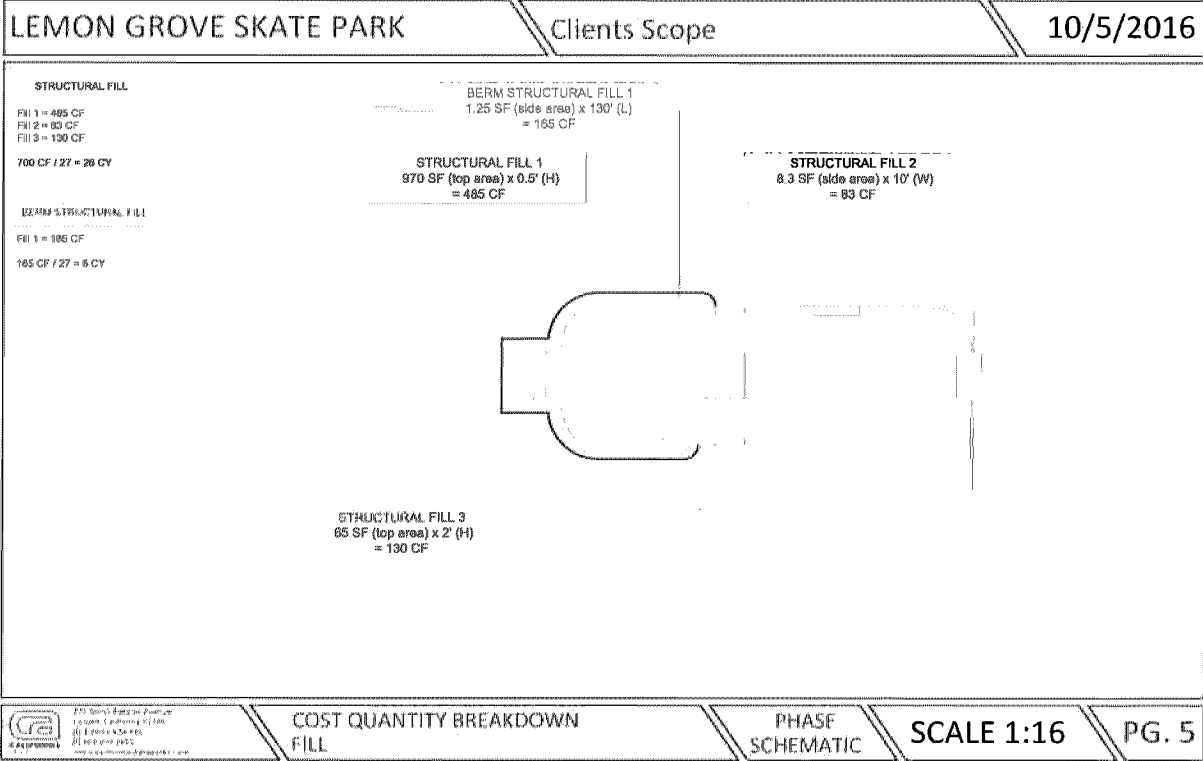
If this proposal meets with your approval, please sign and return to our office. When accepted, this proposal will serve as a mutual commitment between CSP, Inc. and the City / Client for the above outlined services and fees. Work will be scheduled upon receipt of signed agreement.

LUMP SUM \$85,000.00			
The above scope of work and specifications are satisfactory and hereby accepted.			
_____/	_____/		
City of Lemon Grove Acceptance	Date	California Skateparks Acceptance	Date



Attachment F





**LEMON GROVE SANITATION DISTRICT
AGENDA ITEM SUMMARY**

Item No. 5
Mtg. Date October 18, 2016
Dept. Public Works

Item Title: **Metro Wastewater Update**

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Recommendation:

Receive the report and provide direction to the District's representative to the Metro Wastewater Commission to represent the District Board's interest at upcoming public meetings.

Item Summary:

At the request of Boardmember Jerry Jones, the District's representative that serves on the Metro Wastewater Commission/Joint Powers Authority (Commission/JPA), staff prepared a report (**Attachment A**) detailing recent activities occurring with the Metro Commission.

After receiving the report, staff recommends that the District Board provide direction to Boardmember Jones to represent the District Board's interest at upcoming public meetings.

Fiscal Impact:

None.

Environmental Review:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption, Section | <input type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input type="checkbox"/> Notice to property owners within 300 ft. |
| <input type="checkbox"/> Notice published in local newspaper | <input type="checkbox"/> Neighborhood meeting | |

Attachments:

A. Staff Report

LEMON GROVE SANITATION DISTRICT STAFF REPORT

Item No. 5

Mtg. Date August 16, 2016

Item Title: **Metro Wastewater Update**

Staff Contact: Mike James, Assistant City Manager / Public Works Director

Background:

In 1972, the Federal Water Pollution Control Act Amendments of 1972 (Clean Water Act or CWA) was enacted as the primary federal law in the United States that governs water pollution. Its objective is to restore and maintain the chemical, physical, and biological integrity of the nation's waters by preventing point and nonpoint pollution sources, providing assistance to publicly owned treatment works for the improvement of wastewater treatment and maintaining the integrity of wetlands.

The CWA introduced the National Pollutant Discharge Elimination System (NPDES), which is a permit system for regulating point sources of pollution. Point sources include:

- Industrial facilities including manufacturing, mining, oil and gas extractions, and services industries; and
- Municipal governments and other government facilities such as military bases; and
- Some agricultural facilities such as animal feedlots.

Point sources may not discharge pollutants to surface waters without a permit from the NPDES, which is managed by the EPA in partnership with state environmental agencies. The EPA has authorized 46 states to issue permits directly to the discharging facilities. Since 1973, California was identified as one of those states.

The CWA and EPA have a direct impact to the Lemon Grove Sanitation District (District) because the District is a member of the Metro Wastewater Commission and all wastewater generated in the District is transported and treated at the Point Loma Wastewater Treatment Plant (Point Loma). Point Loma, which opened in 1963, treats approximately 175 million gallons of wastewater per day, of which the District is approximately 1.2%, generated in a 450 square mile area by more than 2.2 million residents. It has a treatment capacity of 240 million gallons per day (mgd) and is considered a point source outflow of treated wastewater into the Pacific Ocean and falls within the NPDES permit system.

Provisions in the law have allowed the City of San Diego (the City) to avoid upgrades to secondary treatment by showing that the advanced primary treatment process at Point Loma is doing no harm to the ocean. While scientific experts have confirmed that no harm is being done, each permit application has been challenged by the environmental community that has favored secondary upgrades. Among other things, requirements for extensive ocean monitoring and water recycling have come out of those challenges.

Advanced Primary treatment at Point Loma comes extremely close to the legal requirements. Those legal requirements are measured in parts per million, percentages, with discharge volumes no greater than 240 million gallons a day. The current permit application proposes to duplicate the mass emissions that would be discharged by a full secondary plant at the currently

Attachment A

permitted volumes of 240 mgd. This is called secondary equivalency and is proposed to be achieved by diverting wastewater flows to produce 83 mgd of purified potable water at other plants. That program is called Pure Water San Diego Program (Pure Water) and will lower the discharge limit at Point Loma from 240 mgd to less than 160 mgd.

Currently, the modified permit for Point Loma expired on July 31, 2015. The City submitted a renewal application in January 2015 and the existing Modified Permit has been administratively continued pending a decision by the regulatory agencies. The City anticipates that it will receive approval of a new Modified Permit by the end of the first quarter of 2017. If the City does not receive a renewal of the Modified Permit, the implementation of secondary treatment would be required at Point Loma. In Fiscal Year 2014 / 2015, the cost was estimated at \$2.1 billion.

The basis of the Point Loma Permit Application was originally outlined with the following tasks and deadlines as shown in the table below:

Task	Date (Not later than)
Environmental Review	
Issue Notice of Preparation for Program EIR	January 31, 2015
Public Draft Program EIR for Public Review	March 31, 2017
Certify Final Program EIR	October 31, 2019
North City Projects	
NTP – Final Design of 15 mgd pipeline from NCWRP to San Vicente Reservoir	January 31, 2017
NTP – Final Design of 15 mgd NCWRP Potable Reuse	May 31, 2017
Complete Design of 15 mgd pipeline from NCWRP to San Vicente Reservoir	October 31, 2019
Complete Design of 15 mgd NCWRP Potable Reuse	January 31, 2020
Goals, subject to approval of Secondary Equivalency Legislation	
Produce at least 15 mgd of potable reuse	December 31, 2023
Produce at least 30 mgd of potable reuse (Cumulative Total)	December 31, 2027
Produce at least 83 mgd of potable reuse (Cumulative Total)	December 31, 2035

Discussion:

At the request of Boardmember Jones, staff prepared this report to summarize the history of the permitting process. Additionally, there are a number of topics that are related to the Modified Permit which may impact the District's finances moving forward. Those topics include:

- Activities in the Modified Permit versus Activities that are currently underway.
- Perception that the City is rushing the Pure Water design/construction timelines.
- Financial impacts to the District Board.

Attachment A

After receiving the report, staff requests that the District Board provide direction to Boardmember Jones regarding the following items at City of San Diego or the Metro Commission/JPA future meetings as they related to the District's operations:

1. Work towards an agreement with the participating agencies (PA) and the City to share costs of Pure Water after secondary equivalency becomes law.
2. Work on and formalize an agreement between the City and the PA's for cost sharing of wastewater expenditures and revenue sharing of recycled water products.
3. Develop and agree on a long term financial plan between the PA's and the City.
4. Modify/Update the wastewater agreement to properly reflect the current/future activities that result from the water and wastewater cost sharing relationship.
5. Oppose the design and construction of future capital improvement projects that support any project other than what is currently listed in the Modified Permit.

Conclusion:

Staff recommends that the District Board:

1. Receives the report, and
2. Directs the Metro Commission Representative to represent the District's interest in upcoming Metro Commission or City of San Diego City Council meetings.

