

## **ENGINEER'S REPORT**

**Annexation No. 69: CITY OF SAN JACINTO  
LANDSCAPING, LIGHTING AND PARK DISTRICT NO. 2**

**Preliminary Date: April 5, 2007**

**Confirmed Date: April 5, 2007**

## **INTRODUCTION**

Pursuant to the order of the City Council of the City of San Jacinto, this report is prepared in compliance with the requirements of Article 4, Chapter 1, Landscaping and Lighting Act of 1972, Part 2 of Division 15 of the Streets and Highways Code of the State of California.

This report presents the engineering analysis for the Annexation No. 69 to the district known as LANDSCAPING, LIGHTING AND PARK DISTRICT NO. 2 in the CITY OF SAN JACINTO (hereinafter referred to as "District").

This District, by special benefit assessments, provides funding for the installation, operation, maintenance and servicing of street lights and traffic signals; the installation, maintenance and servicing of landscaped areas (parkways, medians, open space, detention/retention basins, etc.); the installation, operation, maintenance and servicing of municipal parks; the installation, operation, maintenance and servicing of drainage facilities; and graffiti removal from horizontal and vertical surfaces which are appurtenant to the above items; all of which are located in public rights-of-way or easements in the District.

Reference is hereby made to the:

**ENGINEER'S REPORT**  
Formation of  
**CITY OF SAN JACINTO**  
**LANDSCAPING, LIGHTING AND PARK DISTRICT NO. 2**  
Fiscal Year 2002-2003,

that was confirmed on April 4, 2002, and is hereinafter referred to as the "Master Engineer's Report," which is hereby incorporated herein as though set forth in full.

## **BOUNDARIES OF DISTRICT**

The proposed boundary of Annexation No. 69 to the District is completely within the City Limits of the City of San Jacinto and is shown on the Boundary Map (attached hereto as Exhibit "A" and incorporated herein by reference and on file in the office of the City Clerk at the San Jacinto City Hall). Exhibit "A" serves as the Assessment Diagram for Zone 69 of the District and a copy of said Exhibit "A" may be found in the Appendix to this Report. The boundary includes the parcels of land that are located in the vicinity of street lighting, landscaping, drainage and/or park improvements that were, or soon will be, installed as a condition of approval of a land

development project; the operation and maintenance of which will be funded by this assessment district. All parcels of real property included within the District are described in detail on maps on file in the Riverside County Assessor's office or by a tract and parcel number legal description.

Zones

The 1972 Act provides for areas within a district to be classified into different zones. Annexation No. 69 to Landscaping, Lighting and Park District No. 2 is comprised of one zone. The costs of the installation, operation, maintenance and servicing of the various improvements and facilities within this zone, will be separately determined, and incidental costs will be prorated and added to determine the total cost. This zone is comprised of Conditional Use Permit (C.U.P.) No. 5-97 (Amended) (Calvary Chapel) and is designated as Zone 69. Future annexations will be assigned Zone designations e.g. Zone 70, Zone 71, Zone 71A, Zone 72, etc., as appropriate.

**IMPROVEMENTS**

The authorized facilities and items of servicing and maintenance are described in the "Master Engineer's Report." Said description is included within this report by reference. A copy of said "Master Engineer's Report" is on file in the Office of the City Clerk of the City of San Jacinto and may be reviewed, or a copy obtained, at City Hall during normal business hours.

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Zone 69 Improvements

The improvements included in Zone 69 to be installed, operated, serviced, and maintained are street lighting; traffic signals; and parkway landscaping. Also included is the servicing and maintenance required for graffiti removal.

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Plans and Specifications

The plans and specifications showing and describing the general nature, location and extent of the improvements to be operated and maintained within Annexation No. 69 are on file in the office of the City Clerk and are incorporated herein by reference.

**FINANCIAL ANALYSIS**

The estimated annual cost requirements for Zone 69, for the improvements described in the "Improvements" section of this report, are summarized in Exhibit "B," attached hereto and incorporated herein by reference, in the Appendix to this report. Estimated costs are shown for each improvement or facility, and for incidental costs to be funded by the District.

Notes:

1. Incidental Costs are prorated in proportion to the respective servicing and maintenance costs in each Zone (or sub-zone). Future annexations will be treated in a similar manner.

**METHOD OF APPORTIONMENT**

The net amount to be assessed upon lands within the District in accordance with this report is apportioned by a formula and method which fairly distributes the total assessments among all assessable lots or parcels in proportion to the estimated special benefit to be received by each lot or parcel from the improvements. Said method is described in the "Master Engineer's Report" and is included within this report by reference. A copy of said "Master Engineer's Report" is on file in the Office of the City Clerk of the City of San Jacinto and may be reviewed, or a copy obtained, at City Hall during normal business hours.

**ASSESSMENT FORMULA**

The basic formula used to calculate the amount allocated to each lot or parcel within the District for each type of improvement or facility is described in the "Master Engineer's Report." Said formula, including but not limited to, the table entitled "ASSESSMENT FORMULA USING ASSESSMENT UNIT (AU) METHOD," and subsections entitled Special Benefit Analysis, Street Classification and corresponding General Benefit (%), and Assessment of Public Property is included within this report by reference.

**LIMITATION ON INCREASE OF ANNUAL ASSESSMENT**

The City Council intends to increase assessments, on an annual basis when necessary, in accordance with the Consumer Price Index for all Urban Consumers for the Los Angeles-Anaheim-Riverside area, published by the United States Department of Labor, Bureau of Labor Statistics; provided however, that any such annual increase shall not exceed seven and one-half percent (7.5%). The current Southern California telephone number for the Consumer Price Index (CPI) Hotline is (310) 235-6884.

**ASSESSMENT SPREAD**

The individual Zone 69 assessments, tabulated by Assessor's Parcel Number or other form of identification, are shown on the Assessment Spread on file in the Office of the City Clerk of the City of San Jacinto and attached hereto as Exhibit "C." The total cost of the improvements described in the "Improvements" section of the report for Annexation No. 69 for fiscal year 2007-2008 is estimated to be \$18,807.97. The maximum annual assessment for the two lots/parcels for the 2007-2008 fiscal year is as follows:

C.U.P. No. 5-97 (Amended) (Calvary Chapel):

APN 431-180-060	\$ 6,899.73
APN 431-180-068	\$11,908.23



  
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GFB-FRIEDRICH & ASSOC., INC.  
JOHN A. FRIEDRICH, P.E.

Date: 3-23-07

## **APPENDIX**

### **EXHIBITS**

Exhibit "A" – Boundary Map

Exhibit "B" – Cost Estimate

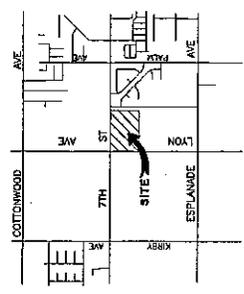
Exhibit "C" – Assessment Spread

EXHIBIT "A"

**BOUNDARY MAP  
LANDSCAPING, LIGHTING AND  
PARK DISTRICT NO. 2  
ANNEXATION NO. 69**

for the  
**CITY OF SAN JACINTO**  
FISCAL YEAR 2006-2007

**ZONE 69**



VICINITY MAP

FILED IN THE OFFICE OF THE CITY CLERK OF THE CITY OF SAN JACINTO, CALIFORNIA, THIS 24th DAY OF \_\_\_\_\_ 2007.

FILED IN THE OFFICE OF THE COUNTY AUDITOR, COUNTY OF RIVERSIDE, CALIFORNIA, THIS 24th DAY OF \_\_\_\_\_ 2007.

CITY CLERK

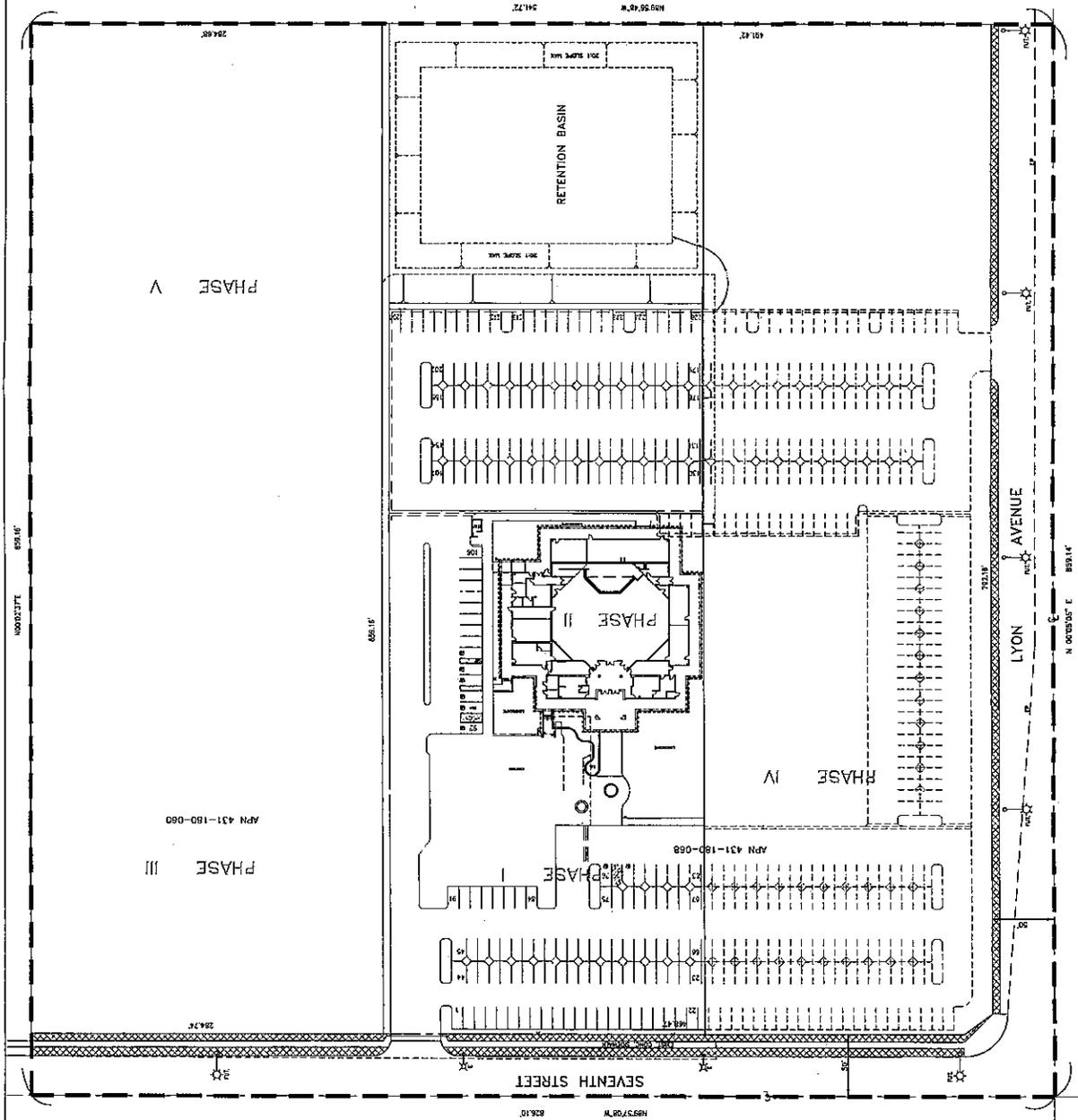
CITY CLERK

THE ASSESSMENT NUMBERS FOR EACH LOT OR PARCEL WITHIN THE DISTRICT IS THE ASSESSOR'S PARCEL NUMBER AS ASSIGNED BY THE COUNTY OF RIVERSIDE ASSESSOR'S OFFICE.

THE LINES AND DIMENSIONS FOR EACH LOT OR PARCEL OF AN UNIMPROVED TRACT OR PARCEL OF LAND OWNED BY THE COUNTY ASSESSOR, SHALL BE AS SHOWN ON THE MAP OF THE ASSESSOR'S COUNTY ASSESSOR.

**LEGEND**

- FUTURE STREET LIGHT
- EXISTING STREET LIGHT
- INDICATES LANDSCAPING
- ASSESSMENT DISTRICT BOUNDARY



**TRACT NO. 33509**  
A.P.N. 431-180-068  
A.P.N. 431-180-060

**CITY OF SAN JACINTO**  
**LIGHTING, LANDSCAPING AND PARK DISTRICT NO. 2**  
**Annexation No. 69**  
**(Zone 69)**

**COST ESTIMATE**

Item	Quantity	Unit	Unit Cost	Street Lights & Traffic Signals		Park Maintenance		Landscape Maintenance		Storm Drain Maint.		Graffiti Removal		TOTALS	
				Cost/Mo.	Cost/Yr.	Cost/Mo.	Cost/Yr.	Cost/Mo.	Cost/Yr.	Cost/Mo.	Cost/Yr.	Cost/Mo.	Cost/Yr.	Per Month	Per Year
<b>C.U.P. No. 5-97 (Amended)</b>															
<b>(Calvary Chapel)</b>															
<b>(2 Church Parcels)</b>															
<u>Street Lights and Traffic Signals</u>															
Street Lights															
22,000 lumen (Lyon Ave) <b>Funded by Asmt. District</b>	4	Ea.	\$14.08 /mo	\$56.32	\$675.84									\$56.32	\$675.84
Less General Benefit: \$14.08/Light x 0.5 Light =				(\$7.04)	(\$84.48)									(\$7.04)	(\$84.48)
22,000 lumen (Seventh St) <b>Funded by Owner</b>	4	Ea.	\$14.08 /mo											\$0.00	\$0.00
<i>Seventh St. street lights will be attached to Church meter.</i>															
Traffic Signals - Lyon Ave @ Seventh St and Lyon Ave @ Esplanade Ave															
Maintenance Cost / Signal	2	L.S.	\$278.67 /mo	\$557.33	\$6,688.00									\$557.33	\$6,688.00
Energy Cost (\$55/Signal/Month)	2	L.S.	\$55.00 /mo	\$110.00	\$1,320.00									\$110.00	\$1,320.00
Less General Benefit (50% for "Pass-through" Traffic and 30% for the non-project segments surrounding the signal = 80%) - two signals				(\$533.87)	(\$6,406.40)									(\$533.87)	(\$6,406.40)
Note: Assessments for future traffic signals and street lights shall not be collected until said signals are installed.															
<u>Landscape Maintenance</u>															
Lyon Ave Parkway	4,706	S.F.	\$0.150 /yr					\$58.83	\$705.90					\$58.83	\$705.90
Seventh St Parkway	9,296	S.F.	\$0.150 /yr					\$116.20	\$1,394.40					\$116.20	\$1,394.40
Irrigation Water (See Note below)	14,002	S.F.	\$0.129 /yr					\$150.52	\$1,806.26					\$150.52	\$1,806.26
														Subtotal, Owner	
														Contingency (10%)	
														City Inspection Costs	
														This total is included in the <u>without</u> Owner total only *	
<u>Storm Drain Maintenance</u>															
Lyon Ave Storm Drain	3	Man-hr.	\$80 /mo							\$240.00	\$2,880.00			\$240.00	\$2,880.00
Note: Assessments for storm drain maintenance shall not be collected until said storm drains are constructed.															
<u>Graffiti Removal</u>															
	1	L.S.	\$250 /mo									\$250.00	\$3,000.00	\$250.00	\$3,000.00
Subtotal, Maintenance and Servicing				\$182.75	\$2,192.96	\$0.00	\$0.00	\$325.55	\$3,906.56	\$240.00	\$2,880.00	\$250.00	\$3,000.00	\$672.75	\$8,072.96
Contingency (10%)				\$18.27	\$219.30	\$0.00	\$0.00	\$32.55	\$390.66	\$24.00	\$288.00	\$25.00	\$300.00	\$67.27	\$807.30
TOTAL, Maintenance and Servicing				\$201.02	\$2,412.26	\$0.00	\$0.00	\$358.10	\$4,297.21	\$264.00	\$3,168.00	\$275.00	\$3,300.00	\$740.02	\$8,880.26
<u>Incidental Costs</u>															
Assessment Engineer	1	L.S.	\$775 /yr	\$17.54	\$210.52	\$0.00	\$0.00	\$31.25	\$375.03	\$23.04	\$276.48	\$24.00	\$288.00	\$64.58	\$775.00
Legal Counsel	1	L.S.	\$0 /yr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Administration	1	L.S.	\$725 /yr	\$16.41	\$196.94	\$0.00	\$0.00	\$29.24	\$350.83	\$21.55	\$258.64	\$22.45	\$269.42	\$60.42	\$725.00
City Inspection Costs	1	L.S.	\$380 /yr	\$8.60	\$103.22	\$0.00	\$0.00	\$15.32	\$183.88	\$11.30	\$135.56	\$11.77	\$141.21	\$31.67	\$380.00
NPDES Costs	1	L.S.	\$1,250 /yr	\$28.30	\$339.55	\$0.00	\$0.00	\$50.41	\$604.88	\$37.16	\$445.93	\$38.71	\$464.51	\$104.17	\$1,250.00
County Collection Fees	1	L.S.	\$180 /yr	\$4.07	\$48.90	\$0.00	\$0.00	\$7.26	\$87.10	\$5.35	\$64.21	\$5.57	\$66.89	\$15.00	\$180.00
Miscellaneous	1	L.S.	\$220 /yr	\$4.98	\$59.76	\$0.00	\$0.00	\$8.87	\$106.46	\$6.54	\$78.48	\$6.81	\$81.75	\$18.33	\$220.00
Reserve Fund	1	L.S.	\$470 /yr	\$10.64	\$127.68	\$0.00	\$0.00	\$18.95	\$227.44	\$13.97	\$167.64	\$14.55	\$174.60	\$39.17	\$470.00
TOTAL, Incidental Costs			\$4,000 /yr	\$90.55	\$1,086.58	\$0.00	\$0.00	\$161.30	\$1,935.63	\$118.91	\$1,426.95	\$123.87	\$1,486.39	\$333.33	\$4,000.00
<u>Contributions to the District</u>															
Developer				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL AMOUNT TO ASSESSMENT				\$291.57	\$3,498.83	\$0.00	\$0.00	\$519.40	\$6,232.84	\$382.91	\$4,594.95	\$398.87	\$4,786.39	\$1,073.35	\$12,880.26

Notes: 1. The landscaping will be maintained and irrigated by the Owner (Calvary Chapel) unless the Owner fails to properly maintain said landscaping and irrigation facilities. At such time, the authorized assessments will be collected to fund any such landscaping and irrigation facilities that must be maintained by the City.

2. The term "with Owner" implies Owner participation to hold down assessments; the term "w/o Owner" implies full City assessments without Owner participation.

Assessment for Parcel 431-180-060 (with Owner) = \$4,725.14
Assessment for Parcel 431-180-068 (with Owner) = \$8,155.11
Assessment for Parcel 431-180-060 (w/o Owner) = \$6,374.95
Assessment for Parcel 431-180-068 (w/o Owner) = \$11,002.52