



**CITY COUNCIL/SUCCESSOR AGENCY/
FINANCING/POWER/
CALIFORNIA CHOICE ENERGY AUTHORITY
REGULAR MEETING
AGENDA**

Tuesday

December 12, 2017

Regular Meeting – **5:00 p.m.**

Council Chambers – Lancaster City Hall

The City Clerk/Agency/Authority Secretary hereby declares the agenda was posted
by 5:00 p.m. on Friday, December 8, 2017
at the entrance to the Lancaster City Hall Council Chambers.
44933 Fern Avenue, Lancaster, CA 93534

LEGISLATIVE BODY

City Council/Successor Agency/Financing/Power/ California Choice Energy Authority

Mayor/Chair R. Rex Parris

Vice Mayor/Vice Chair Marvin Crist

Council Member/Agency Director/Authority Member Raj Malhi

Council Member/Agency Director/Authority Member Ken Mann

Council Member/Agency Director/Authority Member Angela Underwood-Jacobs

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AGENDA ITEMS TO BE REMOVED

Sometimes it is necessary to remove items from the agenda. We apologize for any inconvenience this may cause you.

PUBLIC BUSINESS FROM THE FLOOR - AGENDIZED ITEMS

Any person who would like to address the Legislative Bodies on any agendized item is requested to complete a speaker card for the City Clerk/Agency/Authority Secretary and identify the agenda item you would like to discuss. Each person will be given an opportunity to address the Legislative Body at the time such item is discussed. Speaker cards are available at the rear of the Council Chambers and your speaker card must be filled out *prior* to the agenda item being called. We respectfully request that you fill the cards out completely and print as clearly as possible. Following this procedure will allow for a smooth and timely process for the meeting and we appreciate your cooperation. *Individual speakers are limited to three (3) minutes each.*

Consent Calendar items under the Legislative Body may be acted upon with one motion, a second and the vote. If you desire to speak on an item or items on the Consent Calendar, you may fill out one speaker card for the Consent Calendar. You will be given three minutes to address your concerns before the Legislative Body takes action on the Consent Calendar.

CALL TO ORDER

City Council/Successor Agency/Financing/Power/ California Choice Energy Authority

ROLL CALL

City Council Members /Agency Directors /Authority Members: Malhi, Mann, Underwood-Jacobs; Vice Mayor/Vice Chair Crist, Mayor/Chair Parris

INVOCATION

LA County Fire Chaplain Wade Little

PLEDGE OF ALLEGIANCE

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PRESENTATIONS

1. Recognition of Lancaster Community Contributor, Joyce Mayberry
Presenter: Mayor Parris

2. Recognition of Lancaster Baptist Football Team 2017 CIF 8-Man Division 2 Champions
Presenter: Mayor Parris

3. Recognition of Vern Lawson, Economic Development Director
Presenters: Mark Bozigian, City Manager and Mayor Parris

4. Recognition of Brian Ludicke, Planning Director
Presenters: Mark Bozigian, City Manager and Mayor Parris

5. Recognition of Sea Scouts
Presenter: Mayor Parris

CALIFORNIA CHOICE ENERGY AUTHORITY ACTIONS

CONSENT CALENDAR

CCEA CC 1. Agreement for Energy Data Services with the Company X

- a. Authorize the City Manager to enter into an agreement between the California Choice Energy Authority (CCEA) and the Company X for energy data services.
- b. Appropriate: \$100,000 from General Fund Balance account 101-2900-000 to expenditure account 101-4633-301, \$270,000 from Lighting Maintenance District Fund Balance account 483-2900-000 to account 483-4755-301 and \$80,000 from Lancaster Power Authority Fund Balance account 486-2900-000 to account 486-4370-301.

The CCEA would like to engage X to help the CCEA explore technologies that could reduce consumer energy costs and help the City of Lancaster achieve its goal of becoming a net-zero city, by generating and sourcing as much renewable energy as the city consumes.

COUNCIL ACTIONS

MINUTES

- M 1.** Approve the City Council/Successor Agency/Financing/ Power/ California Choice Energy Authority Regular Meeting Minutes of November 14, 2017.

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CONSENT CALENDAR

CC 1. Waive further reading of any proposed ordinances. (This permits reading the title only in lieu of reciting the entire text.)

CC 2. Approve the Check and Wire Registers for October 15, 2017 through November 25, 2017 in the amount of **\$16,736,202.61**. Approve the Check Register as presented.

At each regular City Council Meeting, the City Council is presented with the financial claims (invoices) against the City for purchase of materials, supplies, services, and capital projects for checks and Automated Clearing House (ACH) payments issued the prior two to three weeks. This process provides the City Council the opportunity to review the expenses of the City. The justifying backup information for each expenditure is available in the Finance Department.

CC 3. Accept and approve the October 2017, Monthly Report of Investments as submitted.

Each month, the Finance Department prepares a report listing the investments for all separate entities under the jurisdiction of the City as identified in the City's Comprehensive Annual Financial Report.

CC 4. Accept the Sanitary Sewer Collection System Annual Performance Report for Fiscal Year 2016/2017

The City of Lancaster assumed responsibility for the operation and maintenance of its sanitary sewer system from the County of Los Angeles Consolidated Sewer Maintenance District (CSMD) on July 1, 2008, believing that local control of the system was in the best interest of its residents. The production of an annual report is one of the performance measures approved by City Council in the Fiscal Year 2011-2012 Program and Financial Plan.

CC 5. Adopt **Resolution No. 17-59**, to summarily vacate and abandon a certain portion of street right-of-way located along Avenue K-8 at 10th Street West, more particularly described in Exhibit "A" and shown on Exhibit "B" of the resolution.

In 1993, the City of Lancaster accepted street right-of-way as per Instrument No. 93-2522322 recorded in the county of Los Angeles, State of California. Viper Enterprises, Inc. (Developer), intends to develop the site. As part of the approval to develop said site under Site Plan Review 16-07, the right-turn pocket at the northeast corner of Avenue K-8 at 10th Street West was determined to be no longer needed. Therefore, the portion of street right-of-way of Avenue K-8 along said right-turn pocket was concluded to be excess right-of-way and conditioned to be vacated. This street right-of-way may be abandoned through a summary vacation process according to the Streets and Highways Code Sections 8330 to 8336.

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CC 6. Adopt **Resolution No. 17-60**, amending Resolution 14-64 establishing a compensation schedule for various classifications of employees of the City.

In order to continue to provide a high level of service delivery within the Administration Department, staff recommends establishing the classification of Administrative and Community Services Director.

CC 7. Adopt **Resolution No. 17-61**, approving the filing of a State Disability Insurance Coverage Application for elective coverage under Section 710.5 of the Unemployment Insurance Code.

Currently the City offers a short-term disability insurance program to all employees that provides for partial wage-replacement for employees out on an extended personal medical leave for themselves only. However, the City does not provide partial wage replacement for employees out on an extended medical leave for the care of a qualified family member or for maternity/paternity leave. Therefore, employees must use accrued vacation and, often, employees are without income during the time they are caring for a seriously ill or injured family member such as a child or spouse. This is especially burdensome on new employees who have not had a chance to build their time banks. In order to implement SDI, the State requires a resolution by the City Council approving the filing of an application for elective coverage under Section 710.5 of the Unemployment Insurance Code.

CC 8. Approve and accept substitution of the Subdivision Improvement and Lien Agreement submitted by Sapphire Dunes, LLC, in place of the Subdivision Undertaking Agreement and securities submitted by First Pacifica Housing Corporation, for Tract Map No. 54025, located on the southeast corner of 20th Street East and Lancaster Boulevard.

On January 9, 2007, First Pacifica Housing Corporation entered into a Subdivision Undertaking Agreement and posted securities to complete the required improvements for Tract Map No. 54025. The subject property subsequently changed hands, and the new developer, Sapphire Dunes, LLC, has requested that the City allow the substitution of the Subdivision Undertaking Agreement and securities so that the property can be developed. Sapphire Dunes, LLC, has submitted a Subdivision Improvement and Lien Agreement (Agreement) to guarantee and secure the performance of all the required public improvements. The lien will be in first position, and the Developer agrees to provide substitute security to the City prior to the commencement of the work of improvements. The Agreement satisfies the requirements of an undertaking agreement, and is an authorized form of security in accordance with the Subdivision Map Act and the City's Municipal Code.

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CC 9. Prepayment per February 28, 2017 Amendment to September 23, 2013 Disposition and Development Agreement (DDA) with BYD Coach & Bus, LLC (BYD)

a. Authorize the City Manager to prepay the One Million Four Hundred Fifty Thousand Dollars due to BYD Coach & Bus, LLC (“BYD”) pursuant to the terms of the Disposition and Development Agreement dated as of September 24, 2013, as amended on February 28, 2017 (“DDA”) upon receipt of security in the form of a promissory note and deed of trust or other security satisfactory to the City Attorney and City Manager.

b. Appropriate up to \$900,000 from General Fund Balance account number 101-2900-000 to expenditure account number 101-4330-998.

In September 2013, the City of Lancaster entered into a Disposition and Development Agreement (DDA) with BYD to establish and operate an electric bus manufacturing facility and an energy storage (large-scale battery) facility in Lancaster. The City agreed to provide a number of considerations as an incentive package for the new firm in return for the creation of 250 full-time jobs. This expansion effort requires a number of off-site public improvements. Under the DDA entered into in 2013, the City agreed to provide incentives valued at \$1,450,000 in exchange for the previously referenced job creation. The DDA, as amended, requires BYD to install the public improvements, with the City reimbursing the associated costs up to \$1,450,000. The proposed authorization now before the Council would allow the City of Lancaster to satisfy its commitment to BYD while securing the completion of the public improvements by a promissory note and deed of trust recorded against the Expansion Site.

CC 10. Award a three year Professional Services Agreement for Audit Services, pursuant to RFP 669-18, to White Nelson Diehl Evans LLP for \$78,010 in FY 17-18, \$80,350 in FY 18-19, and \$82,765 in FY 19-20, with two optional one-year extensions and authorize the City Manager to execute such agreement.

The City conducted a Request for Proposal using the Public Purchase web-based bidding system in July 2017 and received five responses. A five-member committee comprised of employees from the Finance and Administration departments evaluated the five respondents’ Technical Proposals. The firms were evaluated on their responses to the proposed audit plan, proposed staffing, experience on Municipal audits, preparation of the annual State Controller’s Report, GANN Limit Review Report, and Single Audit Report, and their responses to how they work with clients to comply with the changing auditing standards. The panel unanimously chose White Nelson Diehl Evans LLP based on their expertise and experience.

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CC 11. Approve a professional services agreement with Control Tech West, Inc., of Temecula, California, in the amount of \$663,789.00 for the procurement and integration of an Advanced Traffic Management System (ATMS) to replace the City's existing legacy central system, traffic signal controllers, and local firmware to the next generation ATMS and authorize the City Manager, or his designee, to sign all documents.

In 2016, Advantec Consulting Engineers, Inc., was issued a task order to complete an Advanced Traffic Management Systems Evaluation Study. The goal of the ATMS Evaluation Study was to facilitate the City of Lancaster's decision on the selection of a system that will fit their current and future needs. Advantec studied six systems and provided the City with a report detailing the qualifications of each product based on several criteria. Based on this report, three technically skilled City staff conducted a scored evaluation of each system. The results of the City's evaluation determined that Intelight's MaxView Advanced Traffic Management System software, 2070 ATC Controllers, and MaxTime local controller software is the best system available now that can meet the future needs of the City.

NEW BUSINESS

NB 1. Downtown Lancaster Update – Proposed Development

Recommendation:

Receive status update regarding proposed projects in Downtown Lancaster

NB 2. Traffic Signal System Modernization project

Recommendation:

Award **Public Works Construction Project No. 16-001, North County ITS Expansion and Traffic Signal System Modernization**, to Crosstown Electrical and Data, Inc., of Irwindale, California, in the amount of \$2,167,010.00 base bid, plus additive alternative in the amount of \$74,400.00, for a total bid of \$2,241,410.00, plus an 18% of \$403,453.80 contingency, to replace copper cable with fiber optic cable in the existing conduits, install new Ethernet switches in existing controller cabinets at signalized intersections, update existing fiber backbone equipment, install equipment to view images remotely through existing video detection, and install wireless communication to remote signalized intersections.

The Traffic Signal System Modernization project will replace 28 miles of copper cable with fiber optic cable in the existing conduits, install new Ethernet switches in existing controller cabinets at 147 signalized intersections, update existing fiber backbone equipment, install equipment to view images remotely through existing video detection at 54 signalized intersections, and install wireless communication to 18 remote signalized intersections. The project boundaries are from Avenue H to Avenue N, and 70th Street West to 30th Street East. The project will reduce travel times and increase level of service by providing real-time data, allowing for reduced cycle lengths at signalized intersections.

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COUNCIL AGENDA

CA 1. Nomination and appointment of Chairs and Vice Chairs for:

- Planning Commission
- Criminal Justice Commission
- Architectural and Design Commission
- Lancaster Homeless Impact Commission
- Lancaster Healthy Community Commission

Presenter: Mayor Parris

CA 2. Nomination and appointment of Angela Hearn and Timothy Wiley to Lancaster Healthy Community Commission

Presenter: Mayor Parris

CA 3. Discussion and possible action regarding opioid crisis

Presenter: Mayor Parris

CA 4. Discuss and possible action regarding monument sign at William J. "Pete" Knight Veterans Home in Lancaster

Presenter: Mayor Parris

COUNCIL REPORTS

CR 1. Report on the Activities of the Board of Directors for District No. 14 of the County Sanitation Districts of Los Angeles County

Presenter: Council Member Underwood-Jacobs

CR 2. Report on the Activities of the Board of Directors for the Antelope Valley Transit Authority

Presenters: Vice Mayor Crist and Council Member Underwood-Jacobs

CR 3. Council Reports

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LANCASTER HOUSING AUTHORITY

No action required at this time.

LANCASTER FINANCING AUTHORITY

No action required at this time.

LANCASTER POWER AUTHORITY

No action required at this time.

LANCASTER SUCCESSOR AGENCY

No action required at this time.

CITY MANAGER / EXECUTIVE DIRECTOR ANNOUNCEMENTS

CITY CLERK / AGENCY / AUTHORITY SECRETARY ANNOUNCEMENT

PUBLIC BUSINESS FROM THE FLOOR - NON-AGENDIZED ITEMS

This portion of the agenda allows an individual the opportunity to address the Legislative Bodies on any item ***NOT ON THE AGENDA*** regarding City/Agency/Authority business and speaker cards must be submitted ***prior*** to the beginning of this portion of the Agenda. Please complete a speaker card for the City Clerk/Agency/Authority Secretary and identify the subject you would like to address. We respectfully request that you fill the cards out completely and print as clearly as possible. Following this procedure will allow for a smooth and timely process for the meeting and we appreciate your cooperation. State law prohibits the Legislative Body from taking action on items not on the agenda and your matter may be referred to the City Manager/Executive Director. ***Individual speakers are limited to three (3) minutes each.***

COUNCIL / AGENCY / AUTHORITY COMMENTS

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CLOSED SESSION

1. Conference with Legal Counsel – Anticipated Litigation: significant exposure to litigation pursuant to Government Code Section 54956.9(d) (2) – two potential cases.
2. Conference with Legal Counsel – Anticipated Litigation: consideration of initiation of litigation pursuant to Government Code Section 54956.9(d) (4) - two potential cases.
3. Conference with Legal Counsel--Existing Litigation - Government Code Section 54956.9(d) (1)
4. Estarella v. City of Lancaster, LASC Case No.BC527749
5. Dunnagan v. City of Lancaster, LASC Case No. BC 615917
6. Simmons v. City of Lancaster, LASC Case No. BC 615471
7. Celebron v. City of Lancaster, LASC Case No. BC 615587
8. Bootleggers 2 v. City of Lancaster, LASC Case No. BS169660
9. Byrd v. City of Lancaster, LASC Case No. MC 026025
10. Antelope Valley Groundwater Cases
Included Actions:
Los Angeles County Waterworks District No. 40 v. Diamond Farming Co.
Superior Court of California, County of Los Angeles, Case No. BC325201;
Los Angeles County Waterworks District No. 40 v. Diamond Farming Co.
Superior Court of California, County of Kern, Case No. S-1500-CV-254-348
Wm. Bolthouse Farms, Inc. v. City of Lancaster, Diamond Farming Co. v. City of Lancaster,
Diamond Farming Co. v. Palmdale Water District
Superior Court of California County of Riverside, consolidated actions;
Case Nos. RIC 353 840, RIC 344 436, RIC 344 668
Santa Clara Case No. 1-05-CV 049053

ADJOURNMENT

Next Regular Meeting:

Tuesday, January 9, 2018 - 5:00 p.m.

MEETING ASSISTANCE INFORMATION

In compliance with the Americans with Disabilities Act, this meeting will be held at a location accessible to persons with disabilities; if you need special assistance to participate in this meeting, please contact the City Clerk at (661)723-6020. Services such as American Sign Language interpreters, a reader during the meeting, and/or large print copies of the agenda are available. To ensure availability, you are advised to make your request at least 72 hours prior to the meeting/event you wish to attend. Due to difficulties in securing sign language interpreters, five or more business days notice is strongly recommended. For additional information, please contact the City Clerk at (661)723-6020.

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AGENDA ADDENDUM INFORMATION

On occasion items may be added after the agenda has been mailed to subscribers. Copies of the agenda addendum item will be available at the City Clerk Department and are posted with the agenda on the windows of the City Council Chambers. For more information, please call the City Clerk Department at (661) 723-6020.

All documents available for public review are on file with the City Clerk Department.

STAFF REPORT
California Choice Energy Authority

CCEA CC 1
12/12/17
MVB

Date: December 12, 2017

To: Chairman Parris and Authority Members

From: Jason Caudle, Deputy City Manager

Subject: **Approval of Contract for Energy Data Services with the Company X**

Recommendations:

- a. Authorize the City Manager to enter into an agreement between the California Choice Energy Authority (CCEA) and the Company X for energy data services.
- b. Appropriate: \$100,000 from General Fund Balance account 101-2900-000 to expenditure account 101-4633-301, \$270,000 from Lighting Maintenance District Fund Balance account 483-2900-000 to account 483-4755-301 and \$80,000 from Lancaster Power Authority Fund Balance account 486-2900-000 to account 486-4370-301.

Fiscal Impact:

\$450,000 paid in three installments of \$150,000 in FY 17/18.

Background:

Since its inception in 2015, the CCEA has helped various cities including Pico Rivera implement and operate their Community Choice Aggregation (CCA) programs. The CCEA is the premier model for cities whose goal it is to implement a CCA in their community with minimal burden and maximum benefit.

The CCEA would like to engage X to help the CCEA explore technologies that could reduce consumer energy costs and help the City of Lancaster achieve its goal of becoming a net-zero city, by generating and sourcing as much renewable energy as the city consumes.

By partnering with X, CCEA will have the ability to reduce energy costs through the use of energy technologies such as demand response and battery storage for commercial and residential customers.

M 1
12/12/17
MVB

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CALL TO ORDER

Mayor Parris called the meeting of the Lancaster City Council/Successor Agency/Financing/Housing/Power/California Choice Energy Authority to order at 5:04 p.m.

ROLL CALL

PRESENT: Council Members/Agency Directors/Authority Members: Mann, Underwood-Jacobs, Vice Mayor/Vice Chair Crist, Mayor/Chair Parris

EXCUSED: Council Member/Agency Director/Authority Member Malhi

ROLL CALL

PRESENT: Housing Authority Members: Harvey, Mann; Vice Chair Crist

ABSENT: Chair Szeto

STAFF MEMBERS:

City Manager/Executive Director; Deputy City Manager/Deputy Executive Director; City Attorney/Agency/Authority Counsel; City Clerk/Agency/Authority Secretary; Parks, Recreation and Arts Director; Development Services Director; Planning Director; Economic Development Director; Finance Director; Housing Director; Public Safety Director

INVOCATION

Bishop Henry Hearn

PLEDGE OF ALLEGIANCE

Housing Authority Member Harvey

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PRESENTATION

1. Recognition of Lancaster Community Contributor, Deputy Mike Kuper – Retired Sheriff Volunteer
Presenter: Mayor Parris

It was the consensus of the City Council to move Item No. CA 1 to this part of the agenda.

CA 1. RESOLUTION NO. 17-58

Addressing the City Council on this item:

Lauren Karnstedt – resident in Lancaster and a rate payer for Cal Water, supports the proposed Resolution and requests support for the “grass roots campaign to reform ratemaking for investor owned water utilities through legislative action.”

Jim Kross – discussed his history in Lancaster, the members of and the purpose of the coalition; supports the proposed Resolution.

Sabrina Joy – spoke on behalf of the coalition; discussed her history in Lancaster and the “unintended environmental impacts of extreme water conservation measures enforced entirely by prohibitive pricing.”

Discussion among staff and the City Council included discussion of actions the City Council can take to affect this company. The City will continue to work with residents and Legislators towards a solution for those impacted. Additionally, discussion of ‘Water Revenue Adjustment Mechanism’ (WRAM) charges took place.

On a motion by Vice Mayor Crist and seconded by Council Member Underwood-Jacobs, the City Council adopted **Resolution No. 17-58**, in support of a statewide coalition of communities, under the working title of Coalition to End Water Rate Abuse, calling for the introduction and passage of statewide legislation to reform the ratemaking process for investor-owned, for-profit water utilities in California, by the following vote: 4-0-0-1; AYES: Mann, Underwood-Jacobs, Crist, Parris; NOES: None; ABSTAIN: None; ABSENT: Malhi

Mayor Parris requested a brief recess at this time.

Mayor Parris reconvened the meeting at 6:05 p.m.

M 1. MINUTES

On a motion by Vice Mayor Crist and seconded by Council Member Mann, the City Council/Successor Agency/Financing/Power/California Choice Energy Authority approved the City Council/Successor Agency/Financing/Power/California Choice Energy Authority Regular Meeting Minutes of October 24, 2017, by the following vote: 4-0-0-1; AYES: Mann, Underwood-Jacobs, Crist, Parris; NOES: None; ABSTAIN: None; ABSENT: Malhi

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CITY COUNCIL CONSENT CALENDAR

Item No. CC 3 was removed for separate discussion.

On a motion by Vice Mayor Crist and seconded by Council Member Mann, the City Council approved the Consent Calendar with the exception of Item No. CC 3, by the following vote: 4-0-0-1; AYES: Mann, Underwood-Jacobs, Crist, Parris; NOES: None; ABSTAIN: None; ABSENT: Malhi

Discussion among staff and the City Council regarding CC 3 included discussion of a modified approach to handling business license revocation appeals including potentially establishing a panel of hearing officers. The City Council requested that this item will be brought back for consideration at a future meeting.

Addressing the City Council on Item No. 3:

Michael Rives – stated he would like citizens to be able to appeal to the City Council immediately without an intermediary.

CC 1. ORDINANCE WAIVER

Waived further reading of any proposed ordinances. (This permits reading the title only)

CC 2. CHECK REGISTERS

Approved the Check and Wire Registers for October 1, 2017 through October 14, 2017 in the amount of **\$3,966,867.31**. Approved the Check Register as presented.

CC 3. RESOLUTION NO. 17-55

THIS ITEM WAS REMOVED AND WILL BE BROUGHT BACK TO A FUTURE CITY COUNCIL MEETING

CC 4. SUBDIVISION IMPROVEMENT AND LIEN AGREEMENT FOR TRACT MAP NO. 54007

Approved and accepted substitution of the Subdivision Improvement and Lien Agreement submitted by Pelican Landing, LP, in place of the Subdivision Undertaking Agreement and securities submitted by First Pacifica Housing Corp., for Tract Map No. 54007, located on the southwest corner of Avenue H-12 and Challenger Way.

CC 5. PUBLIC WORKS CONSTRUCTION PROJECT NO. 16-002, LANCASTER BOULEVARD, 30TH TO 40TH STREET EAST

Accepted the work constructed by R. C. Becker and Son, Inc., for **Public Works Construction Project No. 16-002, Lancaster Boulevard, 30th to 40th Street East**, and directed the City Clerk to file the Notice of Completion for the project. Retention on this project has been disbursed in accordance with California Public Contract Code.

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CC 6. ORDINANCE NO. 1037, AMENDMENT TO TITLE 16 (SUBDIVISIONS) OF THE LANCASTER MUNICIPAL CODE

Adopted **Ordinance No. 1037**, amending Title 16 (Subdivisions) of the Lancaster Municipal Code by adding Chapter 16.24 Article XI (Covenant of Easement), relating to the creation of easements by covenant.

JPH 1. DISPOSITION AND DEVELOPMENT AGREEMENT BETWEEN THE LANCASTER HOUSING AUTHORITY AND INSITE DEVELOPMENT, LLC FOR PROPERTY LOCATED AT FUTURE 32ND STREET WEST AND WEST AVENUE I

Mayor Parris stated he needs to recuse himself from this item because the party involved is a client and left the dais at this time.

Vice Mayor/Vice Chair Crist opened the Public Hearing.

The Housing and Neighborhood Revitalization Director presented the Staff Report on this item.

Discussion among the developer and the City Council and Housing Authority included discussion of the property involved and the City's contributions towards the project. Discussion took place regarding the opportunities being provided to the homeless to work their way out of homelessness as opportunities to better themselves and not simply temporary shelter. Discussion of currently using City resources to provide services for the homeless and the timeline of the project also took place.

Addressing the City Council and Housing Authority on this item:
Michael Rives – stated approving the project will destroy the City.

George Beatty – discussed security for the project and an influx of homeless through the use of the Metrolink, discussed free handouts.

Dennis Anderson – discussed his history working at the homeless shelter and the proposed services to be provided to homeless individuals.

Henry Hearn – discussed his history with homelessness.

Fran Sereseres – discussed her history with homelessness, discussed the number of units involved.

David Paul – proud of the City and likes the concept; supports the project.

Vice Mayor/Vice Chair Crist closed the Public Hearing.

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JPH 1. DISPOSITION AND DEVELOPMENT AGREEMENT BETWEEN THE LANCASTER HOUSING AUTHORITY AND INSITE DEVELOPMENT, LLC FOR PROPERTY LOCATED AT FUTURE 32ND STREET WEST AND WEST AVENUE I CONTINUED...

On a motion by Council Member Mann and seconded by Council Member Underwood-Jacobs, the City Council adopted **Resolution No. 17-56**, approving the Disposition and Development Agreement by and between the Lancaster Housing Authority and InSite Development, LLC a California Limited Liability Company for property located at future 32nd Street West and West Avenue I, by the following vote: 3-0-1-1; AYES: Mann, Underwood-Jacobs, Crist, NOES: None; RECUSED: Parris; ABSENT: Malhi

On a motion by Authority Member Mann and seconded by Authority Member Harvey, the Housing Authority adopted **Resolution No. HA 01-17**, approving the Disposition and Development Agreement by and between the Lancaster Housing Authority and InSite Development, LLC a California Limited Liability Company for property located at future 32nd Street West and West Avenue I, by the following vote: 3-0-0-1; AYES: Mann, Harvey, Crist; NOES: None; ABSTAIN: None; ABSENT: Szeto

Mayor Parris returned to the dais at this time.

It was the consensus of the City Council to move Item No. NB 2 to this part of the agenda.

NB 2. BLVD AMBASSADOR UPDATE: IMPROVING OUR DOWNTOWN

The Projects Assistant and The BLVD Ambassadors presented the update on this item.

Received and filed the update regarding The BLVD Ambassador Program.

PH 1. LANCASTER TOURISM BUSINESS IMPROVEMENT DISTRICT

Mayor Parris opened the Public Hearing.

It was the consensus of the City Council to waive the Staff Report for this item.

Mayor Parris closed the Public Hearing.

On a motion by Vice Mayor Crist and seconded by Council Member Mann, the City Council adopted **Resolution No. 17-57**, declaring results of majority protest and renewing the Lancaster Tourism Business Improvement District (TBID), by the following vote: 4-0-0-1; AYES: Mann, Underwood-Jacobs, Crist, Parris; NOES: None; ABSTAIN: None; ABSENT: Malhi

LANCASTER CITY COUNCIL/ SUCCESSOR AGENCY/
FINANCING/HOUSING/POWER/CALIFORNIA CHOICE ENERGY AUTHORITY
MINUTES

November 14, 2017

NB 1. STATUS ON SPECIFIC HOUSING PROJECTS

Mayor Parris stated he needs to recuse himself from this item due to the proximity of the project to property he owns and left the dais at this time.

The Housing and Neighborhood Revitalization Director presented the update on this item.

Vice Mayor Crist requested a brief recess at this time.

Vice Mayor Crist reconvened the meeting at 7:48 p.m.

Received and filed status report regarding specific housing projects.

Mayor Parris returned to the dais at this time.

CA 101. DISCUSSION AND DIRECTION REGARDING PROPOSED GABRIEL’S LAW TO ENSURE TRANSPARENCY AND ACCOUNTABILITY IN LOS ANGELES COUNTY, DEPARTMENT OF CHILDREN AND FAMILY SERVICES’ INVESTIGATIONS

Council Member Underwood-Jacobs discussed the background leading up to this item and discussed protecting the future of our community. This is a proposed new law to protect children who “are trapped in horrible, abusive situations” and would require recording investigative interviews conducted by the Department of Children and Family Services.

Discussion among staff and the City Council included potentially making it a crime if interviews are conducted without being recorded. Additionally, discussion took place regarding required interviews and anonymous reporting; interviews will be conducted with parents, guardians and children – not the reporting individuals.

CR 1. REPORT ON THE ACTIVITIES OF THE BOARD OF DIRECTORS FOR DISTRICT NO. 14 OF THE COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

Vice Mayor Crist discussed the audits of the Sanitation District that were requested by the Mayor; representatives from Palmdale were not in support of this action. The item may be brought back to a future meeting. Vice Mayor Crist stated a ground lease was signed with a local farmer.

CR 2. REPORT ON THE ACTIVITIES OF THE BOARD OF DIRECTORS FOR THE ANTELOPE VALLEY TRANSIT AUTHORITY

No report given.

CR 3. COUNCIL REPORTS

LANCASTER CITY COUNCIL/ SUCCESSOR AGENCY/
FINANCING/HOUSING/POWER/CALIFORNIA CHOICE ENERGY AUTHORITY
MINUTES

November 14, 2017

CALIFORNIA CHOICE ENERGY AUTHORITY

No action required at this time.

LANCASTER FINANCING AUTHORITY

No action required at this time.

LANCASTER POWER AUTHORITY

No action required at this time.

LANCASTER SUCCESSOR AGENCY

No action required at this time.

CITY MANAGER / EXECUTIVE DIRECTOR ANNOUNCEMENT

The City Manager thanked the Mayor for the concept of Community Contributors and discussed the construction at the Senior Center. The City Manager stated potentially 5 of the 10 licenses for medical cannabis may be approved soon, and a video highlighting the City's citizen emergency preparedness campaign 'Ready Lancaster' was shown.

CITY CLERK / AGENCY / AUTHORITY SECRETARY ANNOUNCEMENT

The City Clerk provided the public with the procedure to address the City Council/Successor Agency/Authority regarding non-agendized item.

PUBLIC BUSINESS FROM THE FLOOR - NON-AGENDIZED ITEMS

Addressing the City Council at this time:

Anita Bordlemax – discussed an issue she had with the Los Angeles County Sheriff Department, human trafficking and organized crime.

Anna Mae Matthews – discussed an issue she had with the Los Angeles County Sheriff Department.

Eric Vasquez – thanked Vice Mayor Crist for his assistance with an issue he had, thanked the Los Angeles County Sheriff Department for an arrest and discussed illegal dumping near an apartment complex.

Donita Winn – presented the City Council with a board game based on the City of Lancaster, similar to the board game Monopoly, for the City's 40th Anniversary.

Heather Brown – discussed progress made at a site where Chromium 6 is present in the water in the Antelope Valley.

David Paul – discussed the impact of social issues on individuals; thanked the Council for the great things being done in the City.

LANCASTER CITY COUNCIL/ SUCCESSOR AGENCY/
FINANCING/HOUSING/POWER/CALIFORNIA CHOICE ENERGY AUTHORITY
MINUTES

November 14, 2017

PUBLIC BUSINESS FROM THE FLOOR - NON-AGENDIZED ITEMS CONTINUED...

Anabelle Alvarez – student at Antelope Valley College; asked the Council what their most difficult task is that they have had to deal with as a Council member.

Orlando White Steele – thanked the Council for what they have done for him and veterans.

COUNCIL / AGENCY COMMENTS

Vice Mayor Crist thanked the Deputy Mayors for all they do for the City and thanked Vern Lawson and Brian Ludicke, who will be retiring soon, for their service to the City.

ADJOURNMENT

Mayor Parris stated the City Council meeting will be adjourned in memory of Wayne Ulberg.

Mr. Ulberg moved with his family to the Antelope Valley and in 1959 purchased a Shell Oil distributorship. Petro Lock, Inc. opened shortly thereafter and Mr. Ulberg opened Air Petro Corp, an aviation fuel company in 1977. Each of Mr. Ulberg's businesses were co-owned and managed by his three children and employed his mother, father and grandchildren. He was an avid pilot and was often found discussing politics at the café at Fox Field. Mr. Ulberg will be missed by his family, friends and the community.

Mayor Parris adjourned the meeting at 8:42 p.m. and stated the next City Council/Successor Agency/Financing/Power/California Choice Energy Authority meeting will be held on Tuesday, December 12, 2017 at 5:00 p.m.

PASSED, APPROVED and ADOPTED this 12th day of December, 2017, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

APPROVED:

BRITT AVRIT, MMC
CITY CLERK
AGENCY/AUTHORITY SECRETARY

R. REX PARRIS
MAYOR/CHAIRMAN

LANCASTER CITY COUNCIL/ SUCCESSOR AGENCY/
FINANCING/HOUSING/POWER/CALIFORNIA CHOICE ENERGY AUTHORITY
MINUTES
November 14, 2017

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES }ss
CITY OF LANCASTER }

CERTIFICATION OF MINUTES
CITY COUNCIL/SUCCESSOR AGENCY/FINANCING/HOUSING/POWER/CALIFORNIA
CHOICE ENERGY AUTHORITY

I, _____, _____ of the City of Lancaster,
CA, do hereby certify that this is a true and correct copy of the original City Council/Successor
Agency/Financing/Housing/Power/California Choice Energy Authority Minutes, for which the
original is on file in my office.

WITNESS MY HAND AND THE SEAL OF THE CITY OF LANCASTER, CA on this
_____ day of _____, _____.

(seal)

STAFF REPORT
City of Lancaster

Date: December 12, 2017
To: Mayor Parris and City Council Members
From: Pam Statsmann, Finance Director
Subject: **Check Registers – October 15, 2017 through November 25, 2017**

CC 2
12/12/17
MVB

Recommendation:

Approve the Check Registers as presented.

Fiscal Impact:

\$16,736,202.61 as detailed in the Check Registers.

Background:

At each regular City Council Meeting, the City Council is presented with check and ACH/wire registers listing the financial claims (invoices) against the City for purchase of materials, supplies, services, and capital projects issued the prior three to four weeks. This process provides the City Council the opportunity to review the expenditures of the City. Claims are paid via checks, Automated Clearing House (ACH) payments, or federal wires. The justifying backup information for each expenditure is available in the Finance Department.

Check Nos.:	7390735-7391691	\$ 7,834,491.32
ACH/Wire Check Nos.:	101009914-101009936	<u>\$ 8,901,711.29</u>
		\$16,736,202.61
Voided Check Nos.:	7390777; 7390998; 7391031; 7391178; 7391510; 7391540	
Voided ACH/Wire Nos.:	101009920; 101009921	

PS:sp

Attachments:

Check Register
ACH/Wire Register

City of Lancaster Check Register



From Check No.: 101009914 - To Check No.: 101009936

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:53

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
101009914	04867	CITY OF LANCASTER-PARKS	BOO-PETTY CASH	7,570.00	101 1020004	7,570.00
101009915	05945	CUTWATER INVESTORS SRVCS CORP	09/17-INVESTMENT ADVISORY SRVC	2,371.40	101 4310301	2,371.40
101009916	04867	CITY OF LANCASTER-PARKS	BOO-PETTY CASH-CORN	600.00	101 4684222B	600.00
101009917	C9589	U S BANK CORP PAYMENT SYSTEMS	10/10/17-CALCARD STATEMENT	74,216.15	101 2601000	74,216.15
101009918	04867	CITY OF LANCASTER-PARKS	BOO-PETTY CASH-MOVIE NIGHTS	500.00	101 1020004	500.00
101009919	A7515	U S BANK	TRANSFER-LT SECURITY FUNDS	3,000,000.00	101 1013000	3,000,000.00
101009920		VOID				
101009921		VOID				
101009922	07172	ENERGY AMERICA, LLC	08/17-LCE ENERGY CHARGES	5,186,676.09	490 4370301	59,396.82
					490 4370653	5,127,279.27
				5,186,676.09		5,186,676.09
101009923	07936	WESTERN ANTELOPE DRY RANCH LLC	09/17-LCE ENERGY CHARGES-SPOWER	133,621.80	490 4370653	133,621.80
101009924	00370	CITY OF LANCASTER/PETTY CASH	PETTY CASH EXPENSE	324.09	101 4200201	12.00
					101 4310286	207.09
					101 4320256	25.00
					101 4761206	20.00
					101 4762202	20.00
					480 4755202	40.00
				324.09		324.09
101009925	00370	CITY OF LANCASTER/PETTY CASH	PETTY CASH DRAW	628.00	101 1020000	628.00
101009926	06209	WAGeworks	10/17-FSA ADMIN FEES	445.99	101 2170213	38.97
					101 2170213	383.28
					101 2170214	23.74
				445.99		445.99
101009927	08486	BGC ENVIR BROKERAGE SRVS, LP	INLAND EMPIRE ENRGY-BRKRG FEE	2,511.00	490 4370653	2,511.00
101009928	04867	CITY OF LANCASTER-PARKS	FOD-PETTY CASH-CORN	800.00	101 4681222	800.00
101009929	04867	CITY OF LANCASTER-PARKS	FOD-PETTY CASH-CHANGE FUND	1,600.00	101 1020004	1,600.00
101009930	06984	PACIFIC DESIGN & INTEGRATION	PROMAX SYSTEM-FINAL PAYMENT	59,633.30	101 4305753	59,633.30
101009931	04867	CITY OF LANCASTER-PARKS	PAC-ATM CASH REQUEST	7,200.00	101 1020006	7,200.00

City of Lancaster Check Register



From Check No.: 101009914 - To Check No.: 101009936

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:53

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
101009932	05987	THE VISITORS BUREAU/LANCASTER	09/17 TBID FEES	38,490.77	101 2501000	38,490.77
101009933	C9589	U S BANK CORP PAYMENT SYSTEMS	DEBT SVC-PUBLIC CAP IMP 2010	279,649.05	101 4330603	279,649.05
					991 1000001	(279,649.05)
					991 1000001	279,649.05
					991 3604100	(279,649.05)
					991 4540978	279,649.05
				<u>279,649.05</u>		<u>279,649.05</u>
101009934	04867	CITY OF LANCASTER-PARKS	WINTER DAY CAMP-CHANGE BANK	300.00	101 1020004	300.00
101009935	06735	W R E G I S	CCEA-ANNUAL GENERATOR FEE	125.00	491 4370206	125.00
101009936	C9589	U S BANK CORP PAYMENT SYSTEMS	11/10/17-CALCARD STATEMENT	104,448.65	101 2601000	104,448.65

Chk Count 23

Check Report Total 8,901,711.29

City of Lancaster Check Register



From Check No.: 7390735 - To Check No.: 7391691

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:40

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
7390735	00107	A V PRESS	PAC-09/17 ADVERTISING	2,123.15	402 4650205	2,123.15
7390736	00107	A V PRESS	09/17-ADVERTISING	3,914.96	101 4680225	400.00
					101 4684222C	550.00
					101 4684222S	2,964.96
				<u>3,914.96</u>		<u>3,914.96</u>
7390737	08415	AAA	SETTLEMENT-CLAIM #042-17	1,747.25	109 4330300	1,747.25
7390738	07637	ABAIED, KATHLEEN	KA-PR DM-LAS VEGAS-10/26-27/17	112.00	101 4320256	112.00
7390739	07637	ABAIED, KATHLEEN	KA-PR DM-RNCH MIRG-10/23-25/17	160.00	101 4320256	160.00
7390740	C9004	ALLEN, NICOLE	NA-MLG-RIVERSIDE-10/2-03/2017	95.02	491 4370201	95.02
7390741	08413	APPLETON, SEAN C	LCE-NEM PAYOUT	4.85	490 4370658	4.85
7390742	C4080	AVRIT, BRITT	BA-MILEAGE-RIVERSIDE-09/28/17	90.20	101 4110203	90.20
7390743	08417	BARILLAS, ANA LUCRECIA	LCE-NEM PAYOUT	103.54	490 4370658	103.54
7390744	07402	BEECHWOOD MANOR APTS	LCE-NEM PAYOUT	3.13	490 4370658	3.13
7390745	07402	BEECHWOOD MANOR APTS	LCE-NEM PAYOUT	3.14	490 4370658	3.14
7390746	07402	BEECHWOOD MANOR APTS	LCE-NEM PAYOUT	5.38	490 4370658	5.38
7390747	08416	BONDS, PHILLIP	LCE-NEM PAYOUT	2.90	490 4370658	2.90
7390748	D0919	CA BUILDING STANDARDS	JUL 17-SEP 17-GREEN BLDG FEES	535.50	251 2170000	595.00
					251 3201120	(59.50)
				<u>535.50</u>		<u>535.50</u>
7390749	C2060	CA WATER SERVICE COMPANY	09/08/17-10/06/17 WATER SVC	244.60	482 4636654	244.60
7390750	07778	CHARI, RAJA J	LCE-NEM PAYOUT	229.70	490 4370658	229.70
7390751	08418	COLBERT, JOHN	LCE-NEM PAYOUT	6.66	490 4370658	6.66
7390752	A6282	DANCIN IN ACTON	TCKT PRCDs-DNCN ACTON-10/7/17	9,089.51	101 2107000	21,173.50
					402 3405127	(4,299.74)
					402 3405300	(4,960.00)
					402 3405302	(485.25)
					402 3405303	(1,419.00)
					402 3405304	(60.00)
					402 3405306	(860.00)

City of Lancaster Check Register



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Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
				9,089.51		9,089.51
7390753	08420	DECK, MARIA ISABEL	LCE-NEM PAYOUT	4.31	490 4370658	4.31
7390754	5062	DEPT OF CNSRVTN-ADMIN SRV ACCT	JUL 17-SEP 17-STRNG MOTION FEE	1,406.09	101 2172000	(74.01)
					101 2172000	1,480.10
				1,406.09		1,406.09
7390755	08419	DOCKER, KEVIN M	LCE-NEM PAYOUT	44.90	490 4370658	44.90
7390756	07715	E C M C	LEVY PROCEEDS	49.14	101 2159000	49.14
7390757	02108	FRANCHISE TAX BOARD	LEVY PROCEEDS	50.00	101 2159000	50.00
7390758	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	92.59	101 2159000	92.59
7390759	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	100.00	101 2159000	100.00
7390760	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	155.00	101 2159000	155.00
7390761	07813	FYFFE, STEFANIE	LCE-NEM PAYOUT	495.01	490 4370658	495.01
7390762	08421	GODDARD, KAREN	LCE-NEM PAYOUT	430.83	490 4370658	430.83
7390763	07823	HAGGARD, MONICA	LCE-NEM PAYOUT	159.10	490 4370658	159.10
7390764	08422	HUTCHISON, THOMAS	LCE-NEM PAYOUT	42.06	490 4370658	42.06
7390765	C3189	J P MORGAN CHASE BANK	RFND-BL FEES-BUSA17-00905	850.00	101 2179004	4.00
					101 3102200	668.00
					101 3102250	178.00
				850.00		850.00
7390766	08424	KENNY, DARLENE	LCE-NEM PAYOUT	110.38	490 4370658	110.38
7390767	D3448	L A CO SHERIFF'S DEPT	FILE #3631104150058	125.00	101 2159000	125.00
7390768	1215	L A CO WATERWORKS	08/01/17-10/10/17 WATER SVC	12,722.20	101 4633654	218.28
					203 4636654	4,911.14
					363 4542770	100.20
					363 4542771	86.20
					482 4636654	7,406.38
				12,722.20		12,722.20
7390769	A2073	LANCASTER PERF ARTS CNTR FNDTN	RFND-TAX OVERPAYMENT	11.09	402 2175000	11.09
7390770	D3151	LNCSTR MUSEUM/PUBLIC ART FNDTN	LMPAF SALES/DONATNS-JUL-SEP 17	2,397.14	101 1101500	(237.52)
					101 2102500	2,460.70
					101 2175001	223.77
					101 4643235	(49.81)

City of Lancaster Check Register



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Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
				2,397.14		2,397.14
7390771	08425	LUM, DARYL L	RFND-COMP CERT FEE-ECR1701083	815.00	251 3202100	815.00
7390772	08427	MARBURY, DOROTHY	LCE-NEM PAYOUT	10.45	490 4370658	10.45
7390773	08429	MARROQUIN, FRAN	RFND-RNTL DEP-MOAH-10/05/17	100.00	101 2182001	100.00
7390774	08438	MARTIN, LISA	LM-PR DM-OAKLAND-10/12/17	51.75	101 4310201	51.75
7390775	08426	MASCETTI, DOMINC	LCE-NEM PAYOUT	7.59	490 4370658	7.59
7390776	08423	MEETHA VENTURES, LLC	RFND-BL FEE-BUSA17-00929	168.00	101 2179004 101 3102200 101 3102250	1.00 89.00 78.00
				168.00		168.00
7390777	VOID					
7390778	08428	METTLER, TYRONE	LCE-NEM PAYOUT	56.24	490 4370658	56.24
7390779	D1105	MONTERO, MAYRA	MM-PR DM-RNCH MIRG-10/23-25/17	160.00	101 4320256	160.00
7390780	08431	NAJERA, CARLOS	LCE-NEM PAYOUT	47.96	490 4370658	47.96
7390781	07643	NEAL, BARRY	BN-REIMB-LDGNG-STTL-9/5-6/17	454.84	402 4650201	454.84
7390782	07215	NEWTON, CRAIG	CARES-HSTRCL MUSIC-10/24/17	250.00	101 4670270	250.00
7390783	08432	NGUYEN, JANE	LCE-NEM PAYOUT	102.20	490 4370658	102.20
7390784	07951	PEREA, MAYRA	MP-PR DM-LAS VEGAS-10/24-27/17	224.00	101 4320256	224.00
7390785	D0072	PICOU, MILADA	LCE-NEM PAYOUT	0.79	490 4370658	0.79
7390786	1705	QUARTZ HILL WATER DISTRICT	09/01/17-10/02/17 WATER SVC	9,293.67	101 4634654 203 4636654 482 4636654	4,044.96 831.72 4,416.99
				9,293.67		9,293.67
7390787	08433	RAHIER, DAVID	LCE-NEM PAYOUT	9.03	490 4370658	9.03
7390788	08434	REED, NICOLE	LCE-NEM PAYOUT	29.85	490 4370658	29.85
7390789	08435	RIMA, RAFEH	RFND-BL FEE-BUSA17-00365	161.50	101 2179004 101 3102300 101 3102400	1.00 103.00 57.50
				161.50		161.50
7390790	03154	SO CA EDISON	09/01/17-10/01/17 ELECTRIC SVC	223.11	483 4755660	223.11

City of Lancaster Check Register



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Printed: 11/27/2017 14:40

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
7390791	03154	SO CA EDISON	09/08/17-10/09/17 ELECTRIC SVC	1,264.58	203 4636652 482 4636652 484 4755652	61.41 1,174.12 29.05
				<u>1,264.58</u>		<u>1,264.58</u>
7390792	03154	SO CA EDISON	09/01/17-10/03/17 ELECTRIC SVC	1,773.99	483 4785652	1,773.99
7390793	03154	SO CA EDISON	09/01/17-10/03/17 ELECTRIC SVC	2,145.65	203 4636652 482 4636652	532.95 1,612.70
				<u>2,145.65</u>		<u>2,145.65</u>
7390794	03154	SO CA EDISON	09/01/17-10/03/17 ELECTRIC SVC	3,274.31	203 4636652 482 4636652 484 4755652	498.82 2,673.92 101.57
				<u>3,274.31</u>		<u>3,274.31</u>
7390795	03154	SO CA EDISON	09/01/17-10/05/17 ELECTRIC SVC	6,831.88	483 4785652 483 4785660	6,795.54 36.34
				<u>6,831.88</u>		<u>6,831.88</u>
7390796	03154	SO CA EDISON	08/25/17-10/12/17 ELECTRIC SVC	17,892.50	101 4631652 101 4633652 101 4651652 203 4636652 482 4636652 483 4785652 483 4785660 485 4755652	1,178.91 10,349.97 1,604.59 23.26 394.39 421.40 2,165.49 1,754.49
				<u>17,892.50</u>		<u>17,892.50</u>
7390797	03154	SO CA EDISON	09/01/17-10/04/17 ELECTRIC SVC	31,912.86	101 4631652 101 4633652 101 4634652 101 4635652 101 4810403 483 4785660	10,807.22 2,985.38 2,850.16 14,323.47 254.83 691.80
				<u>31,912.86</u>		<u>31,912.86</u>
7390798	05590	STUDIO EQUIPMENT RENTALS INC	SOL-GENERATORS/LGHT TWR/LIFT	11,020.00	101 4684222S	11,020.00
7390799	C2554	SUPERIOR COURT OF CA-CO OF L A	09/17-ALLCTN OF PRKG PENALTIES	18,143.20	101 3310200 101 3310200 101 3310200 101 3310200 101 3310200 101 3310200 101 3310200 101 3310200	715.20 1,828.50 1,828.50 1,828.50 2,190.50 2,438.00 3,657.00 3,657.00
				<u>18,143.20</u>		<u>18,143.20</u>

City of Lancaster Check Register



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7390800	08255	THE ERNEST EVANS CORP	BAL-CHUBBY CHECKER-10/20/17	8,600.00	402 2177000	(1,400.00)
					402 4650318	10,000.00
				8,600.00		8,600.00
7390801	C2555	TIME WARNER CABLE	10/14-11/13/17-BROADBAND SVC	144.99	101 4820651	144.99
7390802	08412	USA DANCE A V	LCE-COMMUNITY SPONSORSHIP	500.00	490 4370205	500.00
7390803	C6406	WELLS, KATHY	KW-MILGE-RIVERSIDE-10/02-04/17	93.09	491 4370201	93.09
7390804	C6406	WELLS, KATHY	KW-PR DM-NEW YORK-10/21-24/17	259.00	491 4370201	259.00
7390805	08436	WILSON, GARRETT R	LCE-NEM PAYOUT	19.58	490 4370658	19.58
7390806	C0077	A V E K	BACTERIOLOGICAL TESTS(2)	46.00	485 4755402	46.00
			BACTERIOLOGICAL TESTS(2)	46.00	485 4755402	46.00
			NSC-09/17-BACTERIOLOGICAL TEST	20.00	101 4635301	20.00
				112.00		112.00
7390807	00156	A V HOSPITAL	RFND-TOT-04/02-09/13/17-EB	968.59	101 3103100	968.59
7390808	03854	A V JANITORIAL SUPPLY	T PPR/TOWLS/LINERS/DISINFECTNT	1,878.95	101 4631406	1,878.95
			BUG SPRY/LRNS/TWLS/BOWL BRSH	920.55	101 4631406	920.55
			LMS-FRESHENERS/DISPENSERS	391.66	101 4632406	391.66
			PBP-T PPR/DISINFECTANT	332.12	101 4631406	332.12
				3,523.28		3,523.28
7390809	06099	A V RECYCLING CENTER	STORAGE CONTAINER TRANSFER	500.00	101 4684222S	500.00
7390810	02357	A V TRANSIT AUTHORITY	OCT-DEC 17-BUS STOP MAINTENNCE	19,316.50	207 4330404	19,316.50
			SEP 17-ANNUAL SENIOR PASSES	5,500.00	204 4330770	2,750.00
					207 4330301	2,750.00
				24,816.50		24,816.50
7390811	06294	A V WEB DESIGNS	NSC-10/17-MONTHLY HOSTING CHGS	99.95	101 4660301	99.95
7390812	07489	ACCESSO SHOWARE	PAC-09/17-TICKET SALES	4,625.65	402 4650302	4,625.65
7390813	05445	ADELMAN BROADCASTING, INC	PAC-09/17 ADS-MRTL ARTS TIANJN	600.00	402 4650205	600.00
			PAC-09/17 ADS-MRTL ARTS TIANJN	150.00	402 4650205	150.00
				750.00		750.00
7390814	A8728	ALL THINGS ENGRAVABLE	SOL-TROPHIES/DJ	905.50	101 4684222S	905.50
			CA-TROPHIES/DJ	905.50	101 4684222C	905.50
				1,811.00		1,811.00
7390815	D3147	AMERICAN PLUMBING SERVICES,INC	NSC-BACKFLOW TESTS(3)	160.00	101 4635404	160.00
7390816	C9032	AMERICAN WATER WORKS INC	HOT WTR PRSSURE WSHR-EQ3781	3,935.64	203 4752207	3,935.64

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7390817	04760	AMERINAT	09/17-MONTHLY SERVICE FEE	577.44	306 4542301	577.44
7390818	04190	AMERIPRIDE SERVICES	ZELDAS-LINEN RENTALS	177.94	402 4650251	177.94
7390819	05179	ARAMARK UNIFORM SVCS	UNIFORM CLEANINGS	122.78	480 4755209	122.78
7390820	D3495	AROUND A V, INC	FOD-2017 BUS ADVERTISING	2,572.10	101 4681222	2,572.10
			FOD-2017 BUS ADVERTISING	1,567.25	101 4681222	1,567.25
				<u>4,139.35</u>		<u>4,139.35</u>
7390821	04151	AXES FIRE INC	SOL-FIRE EXT RENTALS(120)	650.00	101 4684222S	650.00
7390822	06992	BREMER WHYTE BROWN & O'MEARA	CLAIM #062-15/CLGL-0002A2	13,076.49	109 4330300	13,076.49
			CLAIM #062-15A/CLGL-0003A2	4,382.80	109 4330300	4,382.80
			CLAIM #048-15/CLGL-0002A2	1,036.00	109 4330300	1,036.00
				<u>18,495.29</u>		<u>18,495.29</u>
7390823	C7114	BRUIN GEOTECHNICAL SVCS INC	ENVIRONMNTL SITE ASSESSMNT	2,150.00	306 4542301	2,150.00
7390824	08310	CALTERRA GRADING & SITE SVCS	1217 HOLGUIN ST-BOARD UP	4,865.00	101 4545940	4,865.00
7390825	05938	CENTERSTAGING LLC	PAC-EQUIPMENT RENTAL-09/15/17	1,000.00	402 4650602	1,000.00
			PAC-EQUIPMENT RENTAL-09/21/17	1,565.00	402 4650602	1,565.00
			PAC-EQUIPMENT RENTAL-09/22/17	1,645.00	402 4650602	1,645.00
				<u>4,210.00</u>		<u>4,210.00</u>
7390826	C8944	CLASS C SOLUTIONS GROUP	WHL WGHTS/CBL TIES/MSHER/SCRWS	266.82	101 4753214	266.82
7390827	05128	CLEANSTREET	09/17 MONTHLY STREET SWEEP	40,193.84	203 4751450	39,193.84
					484 4751450	1,000.00
				<u>40,193.84</u>		<u>40,193.84</u>
7390828	D1545	CLETEHOUSE CAFE, INC	SOL-CATERING	1,676.11	101 4684222S	1,676.11
7390829	C9399	DACO	TOOL BOX-EQ7510	748.36	101 4761207	748.36
7390830	03311	DELTA LIQUID ENERGY	PROPANE-EQ3409	22.40	203 4752217	22.40
7390831	A0925	DESERT HAVEN ENTERPRISES	09/17-JANITORIAL SERVICES	910.00	101 4633301	910.00
7390832	00414	DESERT LOCK COMPANY	PBP-LOCK/BOLT	151.35	101 4631402	151.35
			TBP-KEYS(4)	14.24	101 4631403	14.24
			NSC-LOCKS(16)	328.32	101 4635404	328.32
			OMP-LOCKS(4)	82.13	101 4634404	82.13
				<u>576.04</u>		<u>576.04</u>
7390833	06150	DIRECTV	MOAH-10/17-BUSINESS INFO	49.24	101 4315651	49.24
7390834	06857	ENTERTAINMENTMAX, INC	CMMSSN-STORY PIRATES-10/11/17	350.00	402 4650301	350.00

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			CMMSSN-MRTL ARTSTS-10/01/17	1,500.00	402 4650301	1,500.00
			DEP-40TH ANNIVERSARY-11/17/17	7,550.00	101 4330251	7,550.00
				<u>9,400.00</u>		<u>9,400.00</u>
7390835	D3240	FASTENAL COMPANY	CH-DRILLS(3)	14.04	101 4633403	14.04
7390836	00617	FEDERAL EXPRESS CORPORATION	EXPRESS MAILINGS	192.94	101 4620212	19 59
					101 4641212	31.21
					101 4782212	38.12
					306 4542212	37.74
					490 4370212	66.28
				<u>192.94</u>		<u>192.94</u>
7390837	07124	FIRST AMERICAN DATA TREE, LLC	09/17-PROFESSIONAL SERVICES	815.03	101 4400301	815.03
7390838	07369	FRONTIER COMMUNICATIONS CORP	09/25-10/24/17 TELEPHONE SVC	572.09	101 4633651	572.09
7390839	08384	GOLDEN GATE WEATHER SERVICES	CLAIM #062-15/CLGL-0002A2/3/4	10,191.93	109 4330300	10,191.93
7390840	819	HERC RENTALS INC	OMP-LIFT RNTL-07/27/17	841.19	101 4634602	841.19
			JRP-TRENCHER RENTAL-09/25/17	127.85	101 4631602	127.85
			SOL-FORKLIFT RNTL-9/25-10/2/17	1,675.28	101 4684222S	1,675.28
				<u>2,644.32</u>		<u>2,644.32</u>
7390841	07268	HIGH DESERT BROADCASTING	SOL-09/17-ADVERTISING	960.00	101 4684222S	960.00
			SOL-09/17-ADVERTISING	960.00	101 4684222S	960.00
				<u>1,920.00</u>		<u>1,920.00</u>
7390842	C4032	HOUSING RIGHTS CENTER	07/17-FAIR HOUSING PROGRAM	2,850.45	361 4541301	2,850.45
7390843	06350	INTELESYS ONE	SHORETEL SUPPORT SVCS	262.50	101 4315251	262.50
7390844	A2594	INTERSTATE BATTERY SYS OF A V	BATTERIES(4)-EQ5504	474.17	101 4633207	474.17
			BATTERIES(24)-EQ1738	199.30	101 4820207	199.30
				<u>673.47</u>		<u>673.47</u>
7390845	D4132	KEAY, BOBBI	AFY-GENTRI MARKETING	275.00	402 4650301	275.00
7390846	D1903	KERN MACHINERY INC-LANCASTER	NSC-CHAINS(2)	40.40	101 4635230	40.40
			LMS-MOWER REEL-EQ5603	402.79	101 4632207	402.79
				<u>443.19</u>		<u>443.19</u>
7390847	D4099	KYLE & KYLE RANCHES, INC	SOL-STRAW BALES(416)-09/28/16	2,496.00	101 4684222S	2,496.00
7390848	D2199	L A CO FIRE	CA-FIRE SFTY OFFICER-09/09/17	664.96	101 4684222C	664.96
7390849	03575	LANCASTER AUTO INTERIORS	SEAT REPAIR/LABOR-EQ5857	254.75	101 4640207	254.75
			LABOR/SEAT REPAIR-EQ3761	357.13	251 4783207	357.13
			SEAT REPAIR/LABOR-EQ3307	254.75	484 4752207	254.75
				<u>866.63</u>		<u>866.63</u>

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7390850	C7873	LANCASTER AUTO MALL ASSOC	10/17-AUTO MALL SIGN EXPENSES	930.67	101 4540340	930.67
7390851	1203	LANCASTER PLUMBING SUPPLY	OMP-STOP KIT/VALVE	20.58	101 4634403	20.58
			WATER HEATER	295.53	101 4636402	295.53
			CNNCTRS/DRN PAN/BSHNG	50.73	101 4636402	50.73
				<u>366.84</u>		<u>366.84</u>
7390852	D3426	LAW OFFICES CHRISTOPHER RAMSEY	CLAIM #035-15/CLGL-1371A1	432.00	109 4330300	432.00
			CLAIM #022-15/CLGL-0009A1	162.00	109 4330300	162.00
				<u>594.00</u>		<u>594.00</u>
7390853	04351	LYN GRAFIX	UNIFORM SHIRTS(14)	402.66	101 4660209	402.66
			JACKETS(462)	8,189.51	101 4641251	8,189.51
				<u>8,592.17</u>		<u>8,592.17</u>
7390854	07126	MAILFINANCE INC.	08/01-10/31/17 LEASE PAYMENT	965.40	101 4620211	965.40
7390855	C3413	MATHER BROS INC	SOL-ICE(105 BAGS)	471.25	101 4684222S	471.25
7390856	C8380	MC CORMICK ELECTRIC & CONST	OMP-MTNC DOOR REPAIR	750.00	207 4634402	750.00
			LMS-RESTROOM DOOR REPAIRS	140.00	101 4632402	140.00
			EPL-LIGHTING REPAIRS	800.00	101 4631402	800.00
			OMP-LIGHTING REPAIRS/REWIRE	650.00	101 4634402	650.00
				<u>2,340.00</u>		<u>2,340.00</u>
7390857	06966	MICHAEL BAKER INT'L INC	09/17-PROF SRVCS-AVANTI SOUTH	20,351.95	101 2185902	20,351.95
7390858	D3578	MINUTEMAN PRESS	LCE-00N1 WEEK 102 NOTICES	214.64	490 4370213	214.64
			LCE-00N2 WEEK 103 NOTICES	92.35	490 4370213	92.35
			BANNER	131.40	101 4330251	131.40
				<u>438.39</u>		<u>438.39</u>
7390859	31007	MOTION INDUSTRIES, INC	CREDIT-COUPERS(7)-EQ3773	(308.42)	203 4752207	(308.42)
			HYD HOSE-EQ3998	187.43	480 4755207	187.43
			HOSE ENDS-EQ3406	83.15	203 4752207	83.15
			ROLLER CHAINS(10)-EQ3999	95.81	203 4752207	95.81
				<u>57.97</u>		<u>57.97</u>
7390860	07622	MULLIGAN PALMDALE CORPORATION	CARES-MINIMUM DAY-10/24/17	487.50	101 4670270	487.50
7390861	C9177	MUNISERVICES, LLC	PRPRTY LNK SVC FEE-09/16-12/16	2,307.33	101 4310304	2,307.33
7390862	07509	NAPA AUTO PARTS	SEALANT-EQ3351	33.65	480 4755207	33.65
			O2 SENSOR-EQ3762	55.05	203 4636207	55.05
			SHOCKS/CONTROL ARMS-EQ1510	297.84	480 4755207	297.84
			DEGREASER CLEANER-EQ2386	24.02	101 4753207	24.02
			BRAKE ROTORS/PADS-EQ7765	226.51	480 4755207	226.51
				<u>637.07</u>		<u>637.07</u>

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7390863	03614	NIXON EGLI EQUIPMENT CO INC	BELT/AC COMPRESSOR-EQ3389	78.99	203 4752207	78.99
7390864	03762	OFFICE DEPOT	CHAIRMAT/STPLR/LABELS/MOUSEPAD	119.51	101 4761259	119.51
			SCALE	13.10	101 4762259	13.10
			SCALE	10.48	101 4761259	10.48
				<u>143.09</u>		<u>143.09</u>
7390865	1443	OMEGA MAINTENANCE, INC	LMS-EDGER REPAIRS	216.36	101 4632230	216.36
7390866	05509	P A R S	07/17-REP FEES	4,814.15	101 4320301	4,814.15
7390867	A7221	P E R S LONG TERM CARE PROGRAM	10/17-RETIREE LONG TERM CARE	3,161.43	109 1101000	3,161.43
7390868	05741	P P G ARCHITECTURAL FINISHES	AHP-PAINT	139.62	101 4631403	139.62
			PAINT	76.86	203 4752502	76.86
			PAINT	19.40	203 4752502	19.40
			PAINT/CLOTHS	47.15	203 4752502	47.15
			PAINT	168.77	203 4752502	168.77
			NSC-PAINT	1,192.32	101 4635404	1,192.32
			NSC-PAINT	397.45	101 4635404	397.45
				<u>2,041.57</u>		<u>2,041.57</u>
7390869	06984	PACIFIC DESIGN & INTEGRATION	PROMAX SYSTEM	17,712.00	101 4305753	17,712.00
7390870	06681	PACIFIC ENERGY ADVISORS, INC	09/17-CCEA CONSULTING SERVICES	19,874.97	491 4370201	874.97
					491 4370003D	19,000.00
			09/17-CCEA CONSULTING SERVICES	11,875.00	491 4370001I	11,875.00
				<u>31,749.97</u>		<u>31,749.97</u>
7390871	05998	PAVING THE WAY FOUNDATION	CMMNTY SPPRT/GOOD CTZNSHP PRGM	500.00	399 4820776	500.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	1,968.00	399 4820776	1,968.00
				<u>2,468.00</u>		<u>2,468.00</u>
7390872	05499	PENSKE TRUCK LEASING CO LP	MOAH-TRUCK RENTAL-09/28/17	222.96	101 4644603	222.96
7390873	06160	PRIME TIME PARTY RENTALS	TENTS/WALLS	675.00	101 4305205	675.00
			BAP-TENTS/TABLES/CHAIRS	1,732.00	101 4640251	1,732.00
				<u>2,407.00</u>		<u>2,407.00</u>
7390874	08119	R N S COMMUNICATIONS INC	USED OIL RECYCLING AD	650.00	330 4755775	650.00
7390875	2601	REPRO-GRAPHIC SUPPLY	BOND(8 ROLLS)	201.85	101 4761253	201.85
7390876	03378	ROTTMAN DRILLING CO	NSC-09/17-PUMP MAINTENANCE	450.00	101 4635301	450.00
7390877	D3947	S G A CLEANING SERVICES	INCUBATOR UNIT B-CARPET CLNING	675.00	101 4636402	675.00
			EDP-WELDING SVCS	285.00	101 4631402	285.00
				<u>960.00</u>		<u>960.00</u>

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7390878	A8260	SAGE STAFFING	KH-CAP ENG STAFF-09/18-22/17 MB-FINANCE STAFF-09/25-29/17	1,835.20 <u>1,023.00</u> 2,858.20	209 12ST032924 101 4310308	1,835.20 <u>1,023.00</u> 2,858.20
7390879	06664	SEA SUPPLY	LMS-CN LNR/DSNFCTNT/SEAT CVRS	1,337.31	101 4635406	1,337.31
7390880	08126	SECURITY DEFENDERS	PARK & RIDE-SEC SVCS-9/1-9/31	3,468.40	207 4752301	3,468.40
7390881	1894	SIGNS & DESIGNS	LM-NAMEPLATE TAXI PERMIT DECALS(50)	35.68 <u>199.84</u> 235.52	101 4310259 101 4545259	35.68 <u>199.84</u> 235.52
7390882	01816	SMITH PIPE & SUPPLY INC	TBP-VALVS/PVC/CONNECTORS OMP-FERTILIZER STP-VALVES(2) PBP-VALVE/UNION/CEMENT/PRIMER OMP-PILERS/ADAPTERS NSC-VALVES/PVC OMP-VALVS/PVC/CMNT/PRMR NSC-VALVE/PVC AHP-VALVES/TAPE OMP-BUBBLERS(50) NSC-PVC COUPLINGS/BUSHINGS LMS-ROTORS/FLAGS PBP-VALVE BOX OMP-VALVE/SOLEND ASSY/PVC LMS-VALVE BOX LIDS(6) FERTILIZER AHP-SCRUBBERS/BUBBLERS/VALVES JRP-PVC/PIPE CTTR/CMNT/PRMR LMS-PVC JRP-CEMENT/PRIMER/CONNECTORS	290.33 314.15 116.10 147.09 25.41 269.41 365.81 157.68 169.06 136.65 27.09 624.96 26.02 228.75 56.74 14,912.63 571.83 196.48 58.73 57.18 <u>18,752.10</u>	101 4631404 101 4634404 101 4631404 101 4631404 101 4634404 101 4635404 101 4634404 101 4635404 101 4631404 101 4634404 101 4635404 101 4632404 101 4631404 101 4634404 101 4635404 101 4631404 101 4634404 101 4635404 101 4631404 101 4632404 101 4631404	290.33 314.15 116.10 147.09 25.41 269.41 365.81 157.68 169.06 136.65 27.09 624.96 26.02 228.75 56.74 6,656.00 6,618.24 1,638.39 571.83 196.48 58.73 57.18 <u>18,752.10</u>
7390883	06429	STANTEC CONSULTING SRVCS INC	CP1406-10W/I-ROAD DIET DESIGN CP17008-RFQ 646-16 MULTI YR-11 CP17007-RFQ 646-16 MULTI YR-13 CP17006-RFQ 646-16 MULTI YR-12 CPD1311-RFQ 646-16 MULTI YR-7 CP16002-DESIGN SVCS-6 CP1410-RFQ 646-16 MULTI YEAR CP1406-10W/I-ROAD DIET DESIGN	3,822.50 1,095.24 1,253.50 3,791.65 1,349.00 148.00 3,460.00 199.50 <u>15,119.39</u>	209 15ST042924 209 15ST026924 209 16ST006924 209 16ST005924 480 4761301 210 12ST033924 251 4762301 209 15ST042924	3,822.50 1,095.24 1,253.50 3,791.65 1,349.00 148.00 3,460.00 199.50 <u>15,119.39</u>
7390884	05590	STUDIO EQUIPMENT RENTALS INC	BAP-GENERTR RNTL-10/07-09/17	900.00	101 4640251	900.00
7390885	C8057	SUNBELT RENTALS	OMP-CONCRTE PLANR RNTL-10/5/17	273.75	101 4634602	273.75

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7390886	05703	SUPERIOR ALARM SYSTEMS	10/17-MONTHLY MONITORING HIRSCH VELOCITY UPGRADE	45.00 1,050.00 <u>1,095.00</u>	101 4633301 101 4633403	45.00 1,050.00 <u>1,095.00</u>
7390887	06763	SUPPLYWORKS	LMS-LINERS	123.23	101 4632406	123.23
7390888	08087	THE BAYSHORE CONSULTING GROUP	CCEA-09/17-CONSULTING SVCS CCEA-09/17-CONSULTING SVCS CCEA-09/17-CONSULTING SVCS	2,500.00 2,500.00 2,500.00 <u>7,500.00</u>	491 4370004T 491 4370002P 491 4370001P	2,500.00 2,500.00 2,500.00 <u>7,500.00</u>
7390889	2009	THE TIRE STORE	ALIGNMENT-EQ1510 ALIGNMENT-EQ7604	31.88 31.88 <u>63.76</u>	480 4755207 101 4761207	31.88 31.88 <u>63.76</u>
7390890	C5522	THOMSON REUTERS-WEST PMT CENT	09/17-INFORMATION CHARGES	794.69	101 4545301	794.69
7390891	04239	TIM WELLS MOBILE TIRE SERVICE	SERVICE CALL/REPAIR-EQ3831 TIRE-EQ5793	130.00 24.47 <u>154.47</u>	203 4752207 101 4634207	130.00 24.47 <u>154.47</u>
7390892	C6713	TRI-STAR SAFETY SERVICES	SAFETY PINS(12)-EQ3407	172.05	203 4752207	172.05
7390893	08319	TRIPEPI SMITH & ASSOCIATES INC	CCEA-09/17-MARKETING/SALES RET	6,350.00	491 4370205	6,350.00
7390894	D4104	TROUTMAN SANDERS LLP	08/17-2014 RFI/RFP SERVICES 08/17-CCEA-LEGAL SERVICES	1,942.50 1,575.00 <u>3,517.50</u>	490 4370303 491 4370303	1,942.50 1,575.00 <u>3,517.50</u>
7390895	A7515	U S BANK	08/17-ADMIN FEE	200.60	101 4310301	200.60
7390896	C4011	UNITED RENTALS	NSC-SOD CUTTER RNTL-10/02/17 OMP-SOD CUTTER RNTL-10/03/17	106.22 158.78 <u>265.00</u>	101 4635602 101 4634602	106.22 158.78 <u>265.00</u>
7390897	31009	UNIVERSAL ELECTRONIC ALARMS	CDR ST-10/17-SECURITY ALARM MOAH-10/17-FIRE ALARM MOAH-10/17-SECURITY ALARM	37.00 27.00 27.00 <u>91.00</u>	101 4633301 101 4633301 101 4633301	37.00 27.00 27.00 <u>91.00</u>
7390898	04496	VULCAN MATERIAL WESTERN DIV	ASPHALT SOL-ASPHALT COLD MIX	101.06 763.94 88.26 <u>953.26</u>	203 4752410 101 4684222S 203 4752410	101.06 763.94 88.26 <u>953.26</u>
7390899	A5062	WAGNER CUSTOM POOLS & SPAS INC	09/17-647 W J11-POOL MTNC	200.00	363 4542771	200.00
7390900	08317	WATTCO EQUIPMENT INC	LED LIGHTS-EQ3980	1,132.96	483 4755207	1,132.96

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From Check Date: 10/15/17 - To Check Date: 11/25/17

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Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
7390901	31026	WAXIE SANITARY SUPPLY	OMP-T PPR/TRSH BGSWIPES/GLVS CLEANER MTNC YD-ROLL LINER/TOWELS PAC-T PPR/NEUTRALIZER/MOP	1,710.40 47.25 53.36 695.48 <u>2,506.49</u>	101 4634406 101 4633406 203 4752406 402 4650406	1,710.40 47.25 53.36 695.48 <u>2,506.49</u>
7390902	2400	XEROX CORPORATION	09/17-COPIER LEASE-GYA 112199	2,025.21	101 4310254	2,025.21
7390903	1214	L A CO SHERIFF'S DEPT	08/17 LAW ENFORCEMENT SVCS	2,103,511.65	101 4820354 101 4820357	1,917,489.93 186,021.72 <u>2,103,511.65</u>
7390904	03154	SO CA EDISON	09/01/17-10/01/17 ELECTRIC SVC	132,399.46	483 4752652 483 4755660	20.98 132,378.48 <u>132,399.46</u>
7390905	05694	ADVANTEC CONSULTING ENGINEERS	CP16001-ITS EXPANSION PROJECT CP16001-TRAFFIC SIGNAL MDRNZTN	28,825.00 42,415.00 <u>71,240.00</u>	217 11TS001924 321 11TS001924 217 16TS028924 321 16TS028924	2,882.50 25,942.50 21,207.50 21,207.50 <u>71,240.00</u>
7390906	06738	ASPEN ENVIRONMENTAL GROUP	08/17-PROFESSIONAL SVC-N SOLAR	50,331.86	101 2185719	50,331.86
7390907	2003	TIP TOP ARBORISTS, INC	09/17-LLMD-TREE MTNC 09/17-TREE TRIMMING/REMOVALS 09/17-LMD-TREE TRIMMING/RMVL VARIOUS TREE TRIMMINGS/REMOVAL 09/17-TREE TRIMMING/REMOVALS	1,773.50 45,035.50 20,418.50 3,068.00 7,288.50 <u>77,584.00</u>	483 4636267 203 4636267 203 4636267 101 4634267 101 4631267	1,773.50 45,035.50 20,418.50 3,068.00 7,288.50 <u>77,584.00</u>
7390908	05834	VENCO WESTERN, INC	09/17-PERIMETER AREAS MTNC 09/17-LMD MAINTENANCE 09/17-LBP-LANDSCAPE MTNC	24,448.14 43,217.02 3,626.23 <u>71,291.39</u>	203 4636264 482 4636402 482 4636401	24,448.14 43,217.02 3,626.23 <u>71,291.39</u>
7390909	08253	OBA PRODUCTIONS LLC	BAL-LIV ON-10/27/17	12,900.00	402 2177000 402 4650318	(2,100.00) 15,000.00 <u>12,900.00</u>
7390910	00116	A V ENGINEERING	2019 REVIVE 25 PAVEMENT PROGRM	28,922.50	206 12ST036924 209 12ST036924	8,676.75 20,245.75 <u>28,922.50</u>
7390911	C8559	AUNE, CHRIS	CA-REIMB-LDGNG-SAC-09/23-26/17	865.20	101 4320256	865.20
7390912	01708	BLUE CROSS OF CALIFORNIA	11/17 RETIREE HEALTH INSURANCE	42,783.46	101 2166110 109 1101000	479.33 42,304.13 <u>42,783.46</u>

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7390913	D3303	BORCHARD FARMS	BOO-ASSORTED PUMPKINS(1484)	1,984.00	101 4684222B	1,984.00
7390914	08474	BOWEN, STEVE	LCE-NEM PAYOUT	20.54	490 4370658	20.54
7390915	D1872	CA WATER ENVIRONMENTAL ASSN	BS-CWEA MEMBERSHIP RENEWAL	180.00	101 4320311	180.00
7390916	C2060	CA WATER SERVICE COMPANY	09/12/17-10/11/17 WATER SVC	453.25	482 4636654	453.25
7390917	08477	CURRY, EDWARD AUDWIN	RFND-PARKING CITATON #30010695	67.00	101 3310200	67.00
7390918	D3792	DEFALCO, CATHY	CD-PR DM-SAC-10/30-11/01/17	160.00	491 4370201	160.00
7390919	D3792	DEFALCO, CATHY	CD-PR DM-SN FRNCSC-11/08-10/17	185.00	491 4370201	185.00
7390920	07815	GALDAMEZ, AMADO	LCE-NEM PAYOUT	35.67	490 4370658	35.67
7390921	D1189	GARNER, TERRI	TG-PR DM-OAKLAND-10/12/17	51.75	101 4320202	51.75
7390922	08442	GREEN COMMUTER, INC	LCE-EVSE INSTLLTN CONTRBTN	50,000.00	490 4370755	50,000.00
7390923	07597	GUARDIAN LIFE INSURANCE CO	11/17 EMPLOYEE LIFE INSURANCE	8,028.75	101 2166200 101 2166300 101 2170215	4,332.32 541.54 3,154.89
				8,028.75		8,028.75
7390924	07904	HAPPY HALTERS-MINTERS, DEBORAH BAL	HAPPY HALTERS-10/28/17	953.00	101 4684222B	953.00
7390925	D1329	HIDALGO, ROBERTO	RH-PR DM-OAKLAND-10/12/17	51.75	101 4320202	51.75
7390926	08473	HOWARD, JASON	LCE-NEM PAYOUT	110.26	490 4370658	110.26
7390927	08247	ICM PARTNERS	DEP-WILSON PHILLIPS-11/11/17	16,250.00	402 4650318	16,250.00
7390928	C6249	KAHRAMANIAN, ARAXIE	AK-REIMB-MLG-CST MS-10/9-11/17	119.84	101 4320256	119.84
7390929	01550	KAISER FOUNDATION HEALTH PLAN	11/17 RETIREE HEALTH INS	303.14	109 1101000	303.14
7390930	01550	KAISER FOUNDATION HEALTH PLAN	11/17 COBRA HEALTH INSURANCE	523.37	101 2166130	523.37
7390931	01550	KAISER FOUNDATION HEALTH PLAN	11/17 RETIREE HEALTH INS	15,468.77	109 1101000	15,468.77
7390932	1215	L A CO WATERWORKS	08/09/17-10/12/17 WATER SVC	13,280.59	203 4636654 482 4636654	8,671.46 4,609.13
				13,280.59		13,280.59
7390933	D2287	LANCASTER CODE ENFRMNT ASSN	UNION DUES-PP 21-2017	300.00	101 2170000	300.00
7390934	D2287	LANCASTER CODE ENFRMNT ASSN	UNION DUES-PP 18-2017	300.00	101 2171000	300.00
7390935	08471	LEE, KATHY	LCE-NEM PAYOUT	167.59	490 4370658	167.59

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7390936	07984	LOGAN, JUSTIN	JL-REIMB-LICENSE RENEWAL	43.00	101 4320311	43.00
7390937	C0558	LONG, RICHARD	RL-REIMB-OIL/GLOVES/GAS CAN	22.90	206 12ST036924	22.90
7390938	06045	MC CABE, GEORGIA-MAY	BOO-PUMPKING CARVING-10/28/17	438.00	101 4684222B	438.00
7390939	D4119	N A A C P-A V	FUNDRAISER DINNER(8)	520.00	101 4100202	520.00
7390940	08470	OCHOA, MIA	LCE-NEM PAYOUT	174.05	490 4370658	174.05
7390941	08469	PRERA, VICKI	LCE-NEM PAYOUT	126.30	490 4370658	126.30
7390942	08478	QUIGLEY, SHANNON	EMPLOYEE HEALTH FAIR-11/2/17	100.00	101 4320251	100.00
7390943	08466	RASNER MAGIC ENTERPRISES	BOO-MAGIC SHOW-10/28/17	600.00	101 4684222B	600.00
7390944	08476	REINELT, FRED R.	ROAD EASEMENT PYMT-10 W/L6	1,200.00	232 15ST026924	1,200.00
7390945	08439	ROBERTSON, JAMES L.	BOO-TRAIN RIDES-10/28/17	1,500.00	101 4684222B	1,500.00
7390946	05544	SANDERSON, MICHAEL	MS-REIMB-MILG-ALAMEDA-10/12/17	76.41	101 4315201	12.00
					101 4315203	64.41
				76.41		76.41
7390947	1907	SO CA GAS COMPANY	09/14/17-10/13/17 GAS SVC	328.02	101 4632655	328.02
7390948	08468	STARK, BARRY	LCE-NEM PAYOUT	179.30	490 4370658	179.30
7390949	08480	STEPHEN B MARVIN REAL ESTATE	LCE-NEM PAYOUT	14.03	490 4370658	14.03
7390950	A1393	TEAMSTERS LOCAL 911	10/17 UNION DUES	3,945.00	101 2157000	3.00
					101 2157000	3,942.00
				3,945.00		3,945.00
7390951	C2555	TIME WARNER CABLE	10/09/17-11/08/17-BASIC TV	27.10	101 4315651	27.10
7390952	08330	TRANSPARENT PRODUCTIONS	DEP-PLUMB-11/01/17	5,000.00	402 4650318	5,000.00
7390953	D2264	VARELA, MELISSA	MV-PR DM-LA JOLLA-10/25-27/17	160.00	101 4200201	160.00
7390954	D3370	VERIZON WIRELESS	09/17-WIRELESS SERVICE	1,528.69	101 4310651	1,528.69
7390955	D3370	VERIZON WIRELESS	09/17-IPAD SERVICE	2,904.78	101 4315651	2,904.78
7390956	08475	WALLS, ANTHONIO	LCE-NEM PAYOUT	301.58	490 4370658	301.58
7390957	08472	WILSON, JUSTIN	LCE-NEM PAYOUT	155.16	490 4370658	155.16
7390958	02071	A G SOD FARMS INC	NSC-SOD	457.78	101 4635404	457.78
			OMP-SOD	262.95	101 4634404	262.95

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				720.73		720.73
7390959	03672	A T & T	10/07-11/06/17 TELEPHONE SVC	1,308.60	101 4820651	1,308.60
7390960	00105	A V FLORIST	FLORAL ARRNGMNT-SGT STEVE OWEN	164.25	101 4680225	164.25
7390961	D1445	A V PARTNERS FOR HEALTH	AUG 17-SAFE ROUTES TO SCHOOL	5,019.93	324 4782770	5,019.93
			JUL 17-SAFE ROUTES TO SCHOOL	4,127.43	324 4782770	4,127.43
			JUN 17-SAFE ROUTES TO SCHOOL	4,926.39	324 4782770	4,926.39
			SEP 17-SAFE ROUTES TO SCHOOL	8,279.53	324 4782770	8,279.53
				<u>22,353.28</u>		<u>22,353.28</u>
7390962	00107	A V PRESS	09/17-ON THE NET ADS	90.00	101 4305205	90.00
7390963	06294	A V WEB DESIGNS	PAC-09/17-MONTHLY HOSTING CHGS	99.95	402 4650301	99.95
			PAC-10/17-MONTHLY HOSTING CHGS	99.95	402 4650301	99.95
				<u>199.90</u>		<u>199.90</u>
7390964	05445	ADELMAN BROADCASTING, INC	PAC-09/17 ADS-THE LETTERMAN	210.00	402 4650205	210.00
			PAC-09/17 ADS-MARTIN BARRE	510.00	402 4650205	510.00
			PAC-09/17 ADS-RUBEN STUDDARD	510.00	402 4650205	510.00
			PAC-09/17 ADS-BILLY RAY CYRUS	360.00	402 4650205	360.00
			PAC-09/17 ADS-BILLY RAY CYRUS	210.00	402 4650205	210.00
			PAC-09/17 ADS-BILLY RAY CYRUS	180.00	402 4650205	180.00
				<u>1,980.00</u>		<u>1,980.00</u>
7390965	D0990	ADMIT ONE PRODUCTS	FOD-ADMISSION TICKETS(950)	348.87	101 4681222	348.87
7390966	06408	AFFORDABLE GENERATOR SRVCS,INC	CH-GENERATOR INSPECTION/REPAIR	540.00	101 4633402	540.00
			PAC-GENERATOR INSPECTION	255.00	402 4650402	255.00
			MOAH-GENERATOR INSPECTION	255.00	101 4633402	255.00
				<u>1,050.00</u>		<u>1,050.00</u>
7390967	08446	ALAIN, NANCY	RFND-CREDIT ON ACCOUNT	25.00	101 2182001	25.00
7390968	A8728	ALL THINGS ENGRAVABLE	PLAQUES(36)	404.23	101 4641251	404.23
7390969	04662	ALTEC INDUSTRIES INC	LABOR/HOSE-EQ4371	2,119.10	483 4785207	2,119.10
7390970	C6143	AMERICAN BUSINESS MACHINES	IMAGE RUNNER ADV COPIER	17.46	101 4310254	17.46
7390971	D3147	AMERICAN PLUMBING SERVICES,INC	BACKFLOW TESTS(3)	160.00	101 4633402	160.00
7390972	04190	AMERIPRIDE SERVICES	UNIFORM CLEANINGS	76.50	101 4753209	76.50
			UNIFORM CLEANINGS	45.54	101 4753209	45.54
				<u>122.04</u>		<u>122.04</u>
7390973	02693	ANDY GUMP, INC	RDP-FENCE RNTL-10/06-11/2/17	33.51	101 4634602	33.51
7390974	05179	ARAMARK UNIFORM SVCS	UNIFORM CLEANINGS	118.53	480 4755209	118.53

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7390975	07452	ASSAD, DANA D	CLAIM #058-15A/CLGL-0006A1	475.25	109 4330300	475.25
7390976	08430	AV HOSPITAL EDUCATIONAL UNIT	RFND-RNTL DEP-MOAH-10/04/17	250.00	101 2182001	250.00
7390977	08447	AVIS, DANIEL	RFND-CREDIT ON ACCOUNT	25.00	101 2182001	25.00
7390978	04151	AXES FIRE INC	FIRE CERTIFICATIONS(9)	94.50	203 4752207	10.50
					203 4752207	10.50
					203 4752207	10.50
					203 4752207	10.50
					203 4752207	10.50
					203 4752207	10.50
					251 4783207	10.50
					480 4755207	10.50
					480 4755207	10.50
			CH-FIRE CRTS/HYDRO TSTS/EXT	594.50	203 4752402	594.50
			SOL-RECONDITION FIRE EXTS(2)	104.64	101 4684222S	104.64
				<u>793.64</u>		<u>793.64</u>
7390979	08448	BALTIMORE, NANCY	RFND-CREDIT ON ACCOUNT	40.00	101 2182001	40.00
7390980	08449	BANYARD, LAKEISHA	RFND-CREDIT ON ACCOUNT	20.00	101 2182001	20.00
7390981	08450	BASHAM DOTHAGE, BRENDA	RFND-CREDIT ON ACCOUNT	15.00	101 2182001	15.00
7390982	08451	BAUTISTA, MARICELDA	RFND-CREDIT ON ACCOUNT	55.00	101 2182001	55.00
7390983	08127	BECKETT PLUMBING	MTNC YD-PRESSURE WASHER REPAIR	985.00	101 4753402	985.00
7390984	08457	BELL, JOSH	RFND-CREDIT ON ACCOUNT	10.00	101 2182001	10.00
7390985	08458	BETTON, LEROY	RFND-CREDIT ON ACCOUNT	45.00	101 2182001	45.00
7390986	08456	BOWER, DONNA	RFND-CREDIT ON ACCOUNT	45.00	101 2182001	45.00
7390987	06799	BRAUN BLAISING SMITH WYNNE PC	09/17-LCE-LEGAL CONSULTING	31,936.61	490 4370303	31,936.61
7390988	08452	BUSTILLOS, JESSICA	RFND-CREDIT ON ACCOUNT	15.00	101 2182001	15.00
7390989	05129	C P S CARE PEST SOLUTIONS	LMS-09/17 PEST CONTROL	125.00	101 4632301	125.00
7390990	05412	CA SHOPPING CART RETRIEVAL	09/17-SHOPPING CART RETRIEVAL	1,585.50	203 4751402	1,585.50
7390991	04569	CALIFORNIA BUILDING OFFICIALS	CALBO TRAINING REGS(6)	1,365.00	101 4620256	1,365.00
7390992	08453	CAMPBELL, KRISTINA	RFND-CREDIT ON ACCOUNT	20.00	101 2182001	20.00
7390993	08454	CAMPBELL, TONIA	RFND-CREDIT ON ACCOUNT	6.00	101 2182001	6.00

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7390994	08455	CAMPFIELD, CRYSTAL	RFND-PY CREDIT ON ACCOUNT	37.00	101 2182001	37.00
7390995	08459	CASTANEDA, YOLANDA	RFND-CREDIT ON ACCOUNT	8.00	101 2182001	8.00
7390996	04636	CAYENTA/N HARRIS COMPUTER CORP	10/17-CMS	3,745.00	101 4315302	3,745.00
7390998		VOID				
7390997	08460	CERVANTES, SUEISSY	RFND-CREDIT ON ACCOUNT	7.00	101 2182001	7.00
7390999	05128	CLEANSTREET	SPECIAL SWEPNG FEE-10/2-5/17	1,675.00	252 12ST036924	1,675.00
7391000	D1545	CLETEHOUSE CAFE, INC	PAC-CATERING-9/21/17 PAC-CATERING-09/22/17	588.84 330.69 <u>919.53</u>	402 4650257 402 4650257	588.84 330.69 <u>919.53</u>
7391001	03552	COASTLINE EQUIPMENT CO	SWITCH/KIT-EQ3772	122.63	484 4752207	122.63
7391002	D1706	COTE, GERALD	SOL-DJ SERVICES-09/29-10/01/17	1,900.00	101 4684222S	1,900.00
7391003	08462	COULSON, YVONNE	RFND-CREDIT ON ACCOUNT	19.00	101 2182001	19.00
7391004	08445	CUMMON-SCOTT, SHREVON	RFND-CREDIT ON ACCOUNT	39.00	101 2182001	39.00
7391005	00432	DEPT OF JUSTICE	09/17-FINGERPRINT APPS	830.00	101 4320301	830.00
7391006	00414	DESERT LOCK COMPANY	1033 E MORVEN-KNOB/BOLT/KEYS CH-ELECTRICAL SWTICH TBP-LOCK REPAIRS OMP-LOCK REPAIRS CH-KEYS(60)	125.97 23.37 67.45 210.49 191.58 <u>618.86</u>	101 4810251 101 4633403 101 4631403 207 4634402 101 4633403	125.97 23.37 67.45 210.49 191.58 <u>618.86</u>
7391007	08443	ENERGY NEWSDATA	LCE-CA ENERGY MKT SVCS-17/18	1,673.00	490 4370209	1,673.00
7391008	06857	ENTERTAINMENTMAX, INC	CMMSSN-BOSTYX-10/13/17 CMMSSN-KEVIN JOHNSON-10/14/17 CMMSSN-MNHTTN TRANSFR-10/15/17	750.00 500.00 1,500.00 <u>2,750.00</u>	402 4650301 402 4650301 402 4650301	750.00 500.00 1,500.00 <u>2,750.00</u>
7391009	D1793	FISH WINDOW CLEANING	MTNC YD-WINDOW CLEANINGS	34.00	203 4752402	34.00
7391010	A8286	FLAG SYSTEMS	PAC-SOUND EQPMNT RNTL-10/13/17 PAC-SOUND EQPMNT RNTL-10/15/17	2,650.00 2,650.00 <u>5,300.00</u>	402 4650602 402 4650602	2,650.00 2,650.00 <u>5,300.00</u>
7391011	08354	FLASH TRAFFIC INC	MTNC YD-CMS BRDS-9/27-10/6/17	2,115.00	206 12ST037924	2,115.00
7391012	07369	FRONTIER COMMUNICATIONS CORP	09/28-10/27/17-CIRCUIT SVC	358.22	101 4315651	358.22

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7391013	04721	GET TIRES, INC	TIRE REPAIR-EQ3394 TIRES(4)-EQ3351	409.69 1,659.87 <u>2,069.56</u>	203 4752207 480 4755207	409.69 1,659.87 <u>2,069.56</u>
7391014	07268	HIGH DESERT BROADCASTING	SOL-10/17-ADVERTISING SOL-10/17-ADVERTISING	240.00 240.00 <u>480.00</u>	101 4684222S 101 4684222S	240.00 240.00 <u>480.00</u>
7391015	08461	HOLTROP, ISABEL	RFND-CREDIT ON ACCOUNT	5.00	101 2182001	5.00
7391016	05609	I M S INFRASTRUCTURE MGMT SRVC	CP1404-PAVEMENT MNGMNT UPDATE	713.10	209 4752301	713.10
7391017	08372	ISLAS, ARMANDO OR NORA	RFND-PERMIT FEE-PMT1703524	1,401.85 <u>1,401.85</u>	101 2174000 251 3201100	767.45 634.40 <u>1,401.85</u>
7391018	01419	JOHNSTONE SUPPLY	MTNC YD-FILTERS(50) METER CASE TANKS(2)	197.21 25.45 64.54 <u>287.20</u>	203 4752403 101 4633403 101 4633403	197.21 25.45 64.54 <u>287.20</u>
7391019	C5747	L A CO FIRE DEPT	HAZ MAT DSCLSR-AR0051605	319.00	480 4755311	319.00
7391020	1203	LANCASTER PLUMBING SUPPLY	LUC-SPLITS/TAPE OMP-CLOSET KITS(2)	12.37 61.89 <u>74.26</u>	101 4636402 207 4634402	12.37 61.89 <u>74.26</u>
7391021	D3426	LAW OFFICES CHRISTOPHER RAMSEY	CLAIM #023-14A/CLGL-1330A1/B1 CLAIM #039-15/CLGL-1343A1 CLAIM #040-15/CLGL-1346A1	1,530.00 1,044.00 5,994.00 <u>8,568.00</u>	109 4330300 109 4330300 109 4330300	1,530.00 1,044.00 5,994.00 <u>8,568.00</u>
7391022	06663	MASON, MELINDA	BAP-PHOTO SVCS BYD GRAND OPENING-PHOTO SVCS PRCA DODGER RAM-PHOTO SVCS FOD-PRESS CONF-PHOTO SVCS	100.00 200.00 50.00 50.00 <u>400.00</u>	101 4305301 101 4305301 101 4305301 101 4305301	100.00 200.00 50.00 50.00 <u>400.00</u>
7391023	C1198	MC PHERSON CONSULTING	OMP-LIGHTING REPAIRS	140.00	207 4634402	140.00
7391024	02270	MELDON GLASS	LMS-PRESS BOX WINDOW REPAIRS	220.00	101 4632403	220.00
7391025	08086	MGT OF AMERICA CONSULTING LLC	SB90 FY17/18-PROFESSIONAL SVCS	1,347.50	101 4310301	1,347.50
7391026	D3578	MINUTEMAN PRESS	LCE-ENVELOPES(1500) LCE-CONF OPT OUT MAILERS(2) LCE-00N1 WEEK 104 NOTICES LCE-00N2 WEEK 104 NOTICES LCE-CONF OPT OUT MAILER	463.75 1.80 198.15 69.52 0.90	490 4370253 490 4370213 490 4370213 490 4370213 490 4370213	463.75 1.80 198.15 69.52 0.90

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			LCE-00N1 WEEK 105 NOTICES	261.10	490 4370213	261.10
			LCE-00N2 WEEK 105 NOTICES	191.13	490 4370213	191.13
			LCE-LPMT NOTICES(901)	510.07	490 4370213	510.07
			LCE-TLPM NOTICES(960)	539.46	490 4370213	539.46
				<u>2,235.88</u>		<u>2,235.88</u>
7391027	06543	MURREN, JAMES	10/17-ADMIN HEARINGS	100.00	101 4810301	100.00
7391028	08409	NAGLE, JILL	RFND-YOGA REGISTRATION	50.00	101 2182001	50.00
7391029	07509	NAPA AUTO PARTS	OIL FILTER-EQ1516	4.06	101 4810207	4.06
			OIL/AIR FILTERS-EQ1715	16.85	101 4640207	16.85
			OIL FILTER-EQ3303	4.16	203 4752207	4.16
			OIL/AIR FILTERS-EQ3307	18.00	484 4752207	18.00
			OIL/FUEL FILTERS-EQ3415	13.10	203 4752207	13.10
			OIL FILTER-EQ3757	4.16	203 4752207	4.16
			OIL FILTER-EQ3758	4.16	203 4752207	4.16
			AIR/FUEL/OIL FILTERS-EQ3772	230.98	484 4752207	230.98
			OIL/FUEL/AIR FILTERS-EQ3779	87.77	480 4755207	87.77
			OIL FILTER-EQ3833	5.21	203 4752207	5.21
			AIR FILTER-EQ4371	44.67	483 4785207	44.67
			OIL FILTER-EQ5601	3.85	101 4662207	3.85
			OIL/FUEL/AIR FILTERS-EQ5837	16.96	101 4632207	16.96
			OIL/FUEL/AIR FILTERS-EQ5844	16.96	101 4634207	16.96
			OIL/FUEL/AIR FILTERS-EQ5851	16.96	101 4634207	16.96
			SWITCH-EQ3779	11.88	480 4755207	11.88
			SWITCHES-EQ3826	68.36	203 4752207	68.36
				<u>568.09</u>		<u>568.09</u>
7391030	D2822	NATIONAL CINEMEDIA, LLC	FLIGHT ADS-06/30-7/20/17	46.07	101 4640205	7.72
					101 4681222	7.67
					101 4684222B	7.67
					101 4684222C	7.67
					101 4684222M	7.67
					101 4684222S	7.67
			THEATER ADS-08/18-12/14/17	769.32	101 4640205	128.22
					101 4681222	128.22
					101 4684222B	128.22
					101 4684222C	128.22
					101 4684222M	128.22
					101 4684222S	128.22
			PS-FLIGHT ADS-09/01-28/17	104.78	101 4810205	104.78
			FLIGHT ADS-09/01-28/17	142.67	101 4640205	23.82
					101 4681222	23.77
					101 4684222B	23.77
					101 4684222C	23.77
					101 4684222M	23.77
					101 4684222S	23.77
			PS-THEATER ADS-09/29-11/02/17	286.25	101 4810205	286.25
				<u>1,349.09</u>		<u>1,349.09</u>

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7391031	VOID					
7391032	07540	OFFICETEAM	DP-HR STAFF-10/2-10/06	1,825.60	101 4320308	1,825.60
7391033	D2680	ORIGINAL WATERMEN, INC	UNIFORM-SWIMSUITS/SHORTS	902.48	101 4642209	902.48
7391034	A7221	P E R S LONG TERM CARE PROGRAM	LONG TERM CARE PREM-PP 21-2017	2,147.46	101 2170200	2,147.46
7391035	05741	P P G ARCHITECTURAL FINISHES	PAINT/RAGS/PAILS/LIDS	357.49	203 4752502	357.49
			PAINT	16.35	203 4752502	16.35
			MOAH-PAINT	151.29	101 4644251	151.29
			MOAH-PAINT	27.41	101 4644251	27.41
			PAINT	18.44	203 4752502	18.44
				<u>570.98</u>		<u>570.98</u>
7391036	06681	PACIFIC ENERGY ADVISORS, INC	09/17-CCEA CONSULTING SERVICES	11,320.83	491 4370004T	11,320.83
7391037	08379	PACKET FUSION INC	PHONES(145)	30,123.05	109 4315291	30,123.05
7391038	05943	ROBERTSON'S	CONCRETE	1,770.40	203 4752410	1,770.40
7391039	08467	RODRIGUEZ, FRANCES TEJERO	MOAH:CEDAR-SOUND TECH	100.00	101 4651251	100.00
7391040	03962	SAFETY KLEEN	HAZ WASTE PARTS WASHER	141.09	101 4753657	141.09
7391041	A8260	SAGE STAFFING	GK-PUBLIC SFTY STFF-09/25-29/17	466.25	101 4820301	466.25
			SS-PUBLIC SFTY STFF-09/25-29/17	335.70	101 4820301	335.70
			GK-PUBLIC SFTY STFF-10/02-06/17	466.25	101 4820301	466.25
			SS-PUBLIC SFTY STFF-10/02-06/17	345.03	101 4820301	345.03
				<u>1,613.23</u>		<u>1,613.23</u>
7391042	06664	SEA SUPPLY	NSC-VACUUM/DISPENSER	513.20	101 4635406	513.20
7391043	D2568	SEQUOIA PACIFIC SOLAR I, LLC	CH-09/17(80860.64 KWH)	8,086.06	101 4633652	8,086.06
			MTNC YD-09/17(38898.72 KWH)	3,889.87	101 4633652	3,889.87
			OMP-09/17(24515.28 KWH)	2,451.53	101 4634652	2,451.53
			PAC-09/17(30539.6 KWH)	3,053.96	402 4650652	3,053.96
			LMS-09/17(41227.84 KWH)	4,122.78	101 4632652	4,122.78
				<u>21,604.20</u>		<u>21,604.20</u>
7391044	1894	SIGNS & DESIGNS	SIGNS(40)	1,895.49	252 12ST036924	1,895.49
7391045	5210	SLATER PIANO SERVICE	PAC-PIANO TUNING	100.00	402 4650301	100.00
7391046	01816	SMITH PIPE & SUPPLY INC	STP-VALVE/PVC	98.85	101 4631404	98.85
7391047	03154	SO CA EDISON	08/24/17-10/16/17 ELECTRIC SVC	1,706.61	101 4540902	242.31
					361 4541776	572.63
					480 4755652	305.19
					482 4636652	262.25

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					483 4785652	119.17
					483 4785660	77.50
					484 4755652	127.56
				<u>1,706.61</u>		<u>1,706.61</u>
7391048	05413	STATEWIDE TRAFFIC SAFETY/SIGNS	TRAFFIC CONES/BARRICADES CRDT-BARRICADES-INV 12006220	3,703.63	203 4752455	3,703.63
				(113.48)	203 4752455	(113.48)
				<u>3,590.15</u>		<u>3,590.15</u>
7391049	C8057	SUNBELT RENTALS	RDP-SOD CUTTR RNTL-10/17/17	181.33	101 4634602	181.33
7391050	06321	SUPERKARTS! USA	SOL-DRIVER SCHOLARSHIP PROGRAM	8,500.00	101 4680225	8,500.00
7391051	08005	T B X EMPLOYEE BENEFITS LLC	OCT-DEC 2017-ENROLL ASSIST	1,845.00	101 4320302	1,845.00
7391052	08177	TEKWERKS	MOAH-SWITCH/POWERSTRIPS	509.18	109 4315291	509.18
7391053	05132	THE LIFEGUARD STORE	UNIFORM SHORTS(8)	200.00	101 2175000	(18.50)
					101 4642209	218.50
			UNIFORM SHORTS(6)	161.85	101 2175000	(14.97)
					101 4642209	176.82
				<u>361.85</u>		<u>361.85</u>
7391054	C5522	THOMSON REUTERS-WEST PMT CENT	09/17-INFORMATION CHARGES	492.82	101 4400301	492.82
			09/17-INFORMATION CHARGES	278.61	101 4820301	278.61
				<u>771.43</u>		<u>771.43</u>
7391055	04239	TIM WELLS MOBILE TIRE SERVICE	SERVICE CALL/REPAIR-EQ1516	95.00	101 4810207	95.00
7391056	D3644	TRAFFIC MANAGEMENT INC	REVIVE 25 ROAD CLOSURE PROJECT CRDT-ROAD CLOSURE-INV 369975	2,593.00	206 12ST036924	2,593.00
				(316.50)	206 12ST036924	(316.50)
				<u>2,276.50</u>		<u>2,276.50</u>
7391057	05551	UNITED SITE SRVCS OF CA,SO DIV	LUC-FENCE RNTL-09/08-10/05/17	61.18	101 4633404	61.18
			LMS-FENCE RNTL-09/14-10/11/17	19.67	101 4633404	19.67
				<u>80.85</u>		<u>80.85</u>
7391058	31009	UNIVERSAL ELECTRONIC ALARMS	CH-10/17-SECURITY ALARM	27.00	101 4633301	27.00
7391059	06076	V S S EMULTECH	PMCRS-2H(2019 21)	3,634.58	206 12ST036924	3,634.58
			PMRE(2060.02)	4,532.04	206 12ST036924	4,532.04
				<u>8,166.62</u>		<u>8,166.62</u>
7391060	05834	VENCO WESTERN, INC	10/17-LMD MAINTENANCE	37,320.00	101 4631402	18,750.00
					101 4634402	9,570.00
					101 4635402	9,000.00
			09/17-REMEDIAL IRRIGATION RPRS	1,969.74	482 4636404	1,969.74
			09/17-REMEDIAL IRRIGATION RPRS	1,377.42	482 4636404	1,377.42
				<u>40,667.16</u>		<u>40,667.16</u>

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7391061	08188	VERITEXT CORPORATE SRVCS INC	CLAIM #062-15/CLGL-0002A2	1,422.08	109 4330300	1,422.08
7391062	C2434	VINSA INSURANCE ASSOCIATES	FOD-LIABILITY POLICY-11/4-6/17	1,195.00	101 4681222	1,195.00
7391063	C5428	VOLTZ COMMERCIAL REALTY ADVSRE	APPRSL RPT-APN 3128-003-908	2,900.00	101 4540301	2,900.00
7391064	04496	VULCAN MATERIAL WESTERN DIV	COLD MIX	104.88	203 4752410	104.88
			COLD MIX	145.74	203 4752410	145.74
			ASPHALT	693.95	203 4752410	693.95
			COLD MIX	120.45	203 4752410	120.45
				<u>1,065.02</u>		<u>1,065.02</u>
7391065	D2816	WASTE MANAGEMENT OF A V	09/17-615 W H(TIRE)-TRASH SVC	874.69	330 4542656	874.69
7391066	31026	WAXIE SANITARY SUPPLY	OMP-MAT/TRSH BGS/TWLS/T PPR	1,027.62	101 4634406	1,027.62
			OMP-SOAP DISPENSERS(2)	85.41	101 4634406	85.41
			T PAPER(2 CASES)	105.58	203 4752406	105.58
				<u>1,218.61</u>		<u>1,218.61</u>
7391067	05806	WEST COAST SAFETY SUPPLY CO	RF/RW-CLASS/APP/TEST FEES	375.00	480 4755202	375.00
7391068	06344	AERO VIEW LLC	11/17-LEAPS SERVICES	89,991.00	101 4820301	89,991.00
7391069	01708	BLUE CROSS OF CALIFORNIA	11/17 EMPLOYEE HEALTH INS	113,151.09	101 2166110	(986.71)
					101 2166110	77,745.48
					101 2166120	27,107.74
					109 1101000	9,284.58
				<u>113,151.09</u>		<u>113,151.09</u>
7391070	01550	KAISER FOUNDATION HEALTH PLAN	11/17 EMPLOYEE HEALTH INS	186,413.30	101 2166130	957.78
					101 2166130	185,455.52
				<u>186,413.30</u>		<u>186,413.30</u>
7391071	C7946	L A CO DEPT ANIMAL CARE&CONTRL	09/17-HOUSING COSTS	99,595.42	101 4820363	99,595.42
7391072	05228	METLIFE	11/17 DNTL/VSN/DISABILITY INS	60,661.83	101 2166140	(200.49)
					101 2166140	200.49
					101 2166140	200.49
					101 2166140	34,407.87
					101 2166145	1,501.02
					101 2166150	(17.77)
					101 2166150	17.77
					101 2166150	17.77
					101 2166150	4,264.80
					101 2166155	408.71
					101 2166400	(57.00)
					101 2166400	(33.89)
					101 2166400	18.13
					101 2166400	47.88

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					101 2166400	10,569.35
					109 1101000	1,563.76
					109 1101000	7,752.94
				60,661.83		60,661.83
7391073	1973	STATE BOARD OF EQUALIZATION	ENERGY SRCHRG TAX FILING-QTR3	63,699.64	490 2175000	63,699.64
7391074	06313	R C BECKER & SON, INC	CP16002-BLVD/30-40 E-1	431,491.42	209 12ST033924	285,769.80
			CP16002-BLVD/30-40 E-2	77,675.37	210 12ST033924	145,721.62
				509,166.79	210 12ST033924	77,675.37
						509,166.79
7391075	A6479	TAFT ELECTRIC COMPANY	RFP 658-17-STREETLIGHT CONVRSN	70,784.13	483 4755665	70,784.13
7391076	08330	TRANSPARENT PRODUCTIONS	BAL-PLUMB-11/01/17	5,000.00	402 4650318	5,000.00
7391077	05128	CLEANSTREET	SOL-ST SWEEPNG-10/1/17	700.00	101 4684222S	700.00
7391078	C0077	A V E K	CP17011-CAPACITY FEE-DSTRT 40	12,056.00	209 12ST032924	12,056.00
7391079	C0077	A V E K	CP17012-CAPACITY FEE-DSTRT 40	12,056.00	209 16ST007924	12,056.00
7391080	00107	A V PRESS	09/17-LEGAL ADS	9,673.26	101 4110263	4,035.83
					101 4315205	313.58
					101 4782263	3,419.29
					209 16ST007924	1,069.78
					330 4755251	508.69
				9,673.26	361 4541206	326.09
						9,673.26
7391081	08487	BERNSEIN, MARK	SETTLEMENT CLAIM-038-17	6,609.82	109 4330300	6,609.82
7391082	06699	BOOKER, MELVIN JR	FOD-MEL BOOKER-11/05/17	500.00	101 4681222	500.00
7391083	07381	BULLOCK, AMY	FOD-AMY BULLOCK-11/04/17	600.00	101 4681222	600.00
7391084	00341	C P R S	CPRS-MEMBERSHP RNWLS/CONF REGS	3,325.00	101 4620200	2,125.00
					101 4620206	1,200.00
				3,325.00		3,325.00
7391085	D1872	CA WATER ENVIRONMENTAL ASSN	MT-CWEA MEMBERSHIP RENEWAL	90.00	101 4320311	90.00
7391086	D1872	CA WATER ENVIRONMENTAL ASSN	MA-CWEA MEMBERSHIP RENEWAL	180.00	101 4320311	180.00
7391087	C2060	CA WATER SERVICE COMPANY	09/14/17-10/31/17 WATER SVC	1,063.48	482 4636654	1,063.48
7391088	06803	DEPT OF CONSUMER AFFAIRS	RG-ENGINEERNG LICENSE RNWL FEE	115.00	101 4761206	115.00
7391089	C0293	EAST, MARY PAULINE	10/17-CONTRACT SERVICES	5,250.00	101 4621308	5,250.00

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7391090	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	50.00	101 2159000	50.00
7391091	02108	FRANCHISE TAX BOARD	W/H ORDER-367746102466805057	85.00	101 2177001	85.00
7391092	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	92.59	101 2159000	92.59
7391093	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	100.00	101 2159000	100.00
7391094	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	240.00	101 2159000	240.00
7391095	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	319.77	101 2159000	319.77
7391096	D1189	GARNER, TERRI	TG-PR DM-ATLNTC CT-11/11-17/17	416.00	101 4320256	416.00
7391097	08246	GRANDINETTI, MICHAEL	BAL-MICHAEL GRANDNTTI-11/03/17	3,750.00	402 4650318	3,750.00
7391098	1296	L A CO CLERK-ENVIRO FILINGS	NOE:16001-TRFFC SGNL MDRNZTN	75.00	217 11TS001924	75.00
7391099	05422	L A CO SHERIFF'S DEPT	CASE #M-1502-CL-20260	113.77	101 2159000	113.77
7391100	D3448	L A CO SHERIFF'S DEPT	FILE #3631104150058	125.00	101 2159000	125.00
7391101	1214	L A CO SHERIFF'S DEPT	09/17-SPECIAL EVENTS-VNDR SWP	171.56	101 4820355	155.96
					101 4820357	15.60
				171.56		171.56
7391102	1214	L A CO SHERIFF'S DEPT	10/17-SPECIAL EVENT-SOL	3,393.37	101 4820355	3,084.88
					101 4820357	308.49
				3,393.37		3,393.37
7391103	1214	L A CO SHERIFF'S DEPT	09/17-SPECIAL INVESTIGATIONS	4,213.74	101 4820355	3,884.44
					101 4820357	329.30
				4,213.74		4,213.74
7391104	08437	PERFECT WORLD ENTERTAINMENT	FOD-PWE PRODUCTIONS-11/04/17	3,775.00	101 4681222	3,775.00
7391105	08485	QUARTZ HILL YOUNG MARINES	RFND-ENGNRNG FEES-10/28/17	145.00	101 3201250	145.00
7391106	D3858	SAN JOAQUIN VALLEY COLLEGE	DEPOSIT RTRN-SN JQUIN-10/21/17	1,600.00	101 2107000	3,675.00
					402 3405127	(975.00)
					402 3405300	(1,070.00)
					402 3405304	(30.00)
				1,600.00		1,600.00
7391107	08355	SHINING LIGHT PRAISE	TCKT PRCDS-SHNG LIGHT-10/08/17	567.68	101 2107000	4,830.00
					402 3405102	(200.00)
					402 3405127	(2,391.18)
					402 3405300	(1,250.00)
					402 3405302	(9.99)

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					402 3405303	(381.15)
					402 3405304	(30.00)
				567.68		567.68
7391108	03154	SO CA EDISON	09/21/17-10/20/17 ELECTRIC SVC	186.61	482 4636652	186.61
7391109	03154	SO CA EDISON	09/01/17-10/26/17 ELECTRIC SVC	18,686.41	101 4632652	2,622.36
					101 4633652	3,975.27
					101 4634652	4,039.05
					203 4636652	142.79
					363 4542770	0.31
					363 4542771	13.43
					402 4650652	3,032.13
					482 4636652	441.59
					483 4785652	106.43
					483 4785660	188.61
					484 4755652	57.63
					485 4755652	4,066.81
				18,686.41		18,686.41
7391110	1907	SO CA GAS COMPANY	09/15/17-10/20/17 GAS SVC	4,548.63	101 4631655	2,300.95
					101 4633655	1,708.72
					101 4634655	58.07
					101 4635655	102.68
					101 4651655	106.81
					101 4810403	2.71
					363 4542770	8.03
					363 4542771	10.28
					402 4650655	250.38
				4,548.63		4,548.63
7391111	C2555	TIME WARNER CABLE	10/17-TV SERVICE-CITY MANAGER	63.68	101 4315651	63.68
7391112	C2555	TIME WARNER CABLE	11/17-BUSINESS-MAYORS OFFICE	129.32	101 4315651	129.32
7391113	C2555	TIME WARNER CABLE	11/17-ROADRUNNER SERVICE	232.46	101 4315651	232.46
7391114	06122	TRINITY INNOVATIONS	FOD-BANNERS/LOGOS/TRUSS RNTLS	24,480.58	101 4681222	24,480.58
7391115	07988	WILSON, CHARISSE	CW-PR DM-ATLNTC CT-11/12-17/17	352.00	101 4310256	352.00
7391116	00116	A V ENGINEERING	EPL-SKYLIGHT REPAIRS	2,340.00	261 12ZZ003924	2,340.00
7391117	01058	A V TROPHY & UNIFORM CO	BYD-PLAQUE PLATES(5)	82.37	101 4100205	82.37
7391118	05445	ADELMAN BROADCASTING, INC	PAC-09/17 ADS-HOWIE MANDEL	240.00	402 4650205	240.00
7391119	06352	AGILITY RECOVERY SOLUTIONS	11/17-READYSUITE	665.00	101 4315302	665.00
7391120	A8728	ALL THINGS ENGRAVABLE	PLAQUE	27.31	101 4641251	27.31

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7391121	D3517	AMERICASPRINTER.COM	SOL-BROCHURES(1000) SOL-BROCHURES(250)	416.31 283.52 <u>699.83</u>	101 4684222S 101 4684222S	416.31 283.52 <u>699.83</u>
7391122	02693	ANDY GUMP, INC	OMP-FENCE RNTL-10/06-09/17 SOL-FENCE RNTL-09/05-10/2/17 HP-FENCE RNTL-10/19-11/15/17	549.60 24,822.85 17.74 <u>25,390.19</u>	101 4640251 101 4684222S 101 4634602	549.60 24,822.85 17.74 <u>25,390.19</u>
7391123	05179	ARAMARK UNIFORM SVCS	UNIFORM CLEANINGS	114.27	480 4755209	114.27
7391124	08483	ART1307, LLC	MOAH-ART EXHIBT CURATOR FEE	1,000.00	101 4644251	1,000.00
7391125	08464	ASPEN HILL FILMS	LCE-VIDEO TAPING-SOLAR 2017	250.00	101 4100205	250.00
7391126	05187	ATKINSON MASONRY	31 W/LANC BLVD-WALL REPAIRS 10 W/LANC BLVD-WALL REPAIRS	925.00 3,865.00 <u>4,790.00</u>	482 4636462 203 4636460	925.00 3,865.00 <u>4,790.00</u>
7391127	06440	AUTRY, SHAKIRA	10/17-SPORTS OFFICAL	45.00	101 4641308	45.00
7391128	D0879	B'S EMBROIDERY ETC	OMP-UNIFORM SHIRTS(20) HOODIES/BEANIES/EMBROIDERY	382.38 1,596.51 <u>1,978.89</u>	101 4634209 101 4631209	382.38 1,596.51 <u>1,978.89</u>
7391129	D4110	BIRDIES DRIVING RANGE	CARES-YOUTH GOLF/SNCKS-9/26/17	600.00	101 4670270	600.00
7391130	08406	BLUECANH20	EMERGENCY WATER(100 CASES)	2,361.99	101 4200350	2,361.99
7391131	A8701	BRETZ, WILLIAM	10/17-SPORTS OFFICAL	160.00	101 4641308	160.00
7391132	08118	BYD ENERGY LLC	RESIDENTIAL STREETLIGHTS(15)	3,007.97	483 4755460	3,007.97
7391133	D0812	C S A C EXCESS INSURANCE AUTH	INSURANCE PROGRAM CERTS(103)	1,287.50	101 4330260	1,287.50
7391134	A9249	CA DEPT OF CORRCTNS/REHAB	09/17-CUSTODY SUPRVSN AGREEMNT	6,264.00 <u>6,264.00</u>	224 4752308 484 4752308	2,088.00 4,176.00 <u>6,264.00</u>
7391135	C0914	CAMPBELL II, EDWARD LEE	10/17-SPORTS OFFICAL	660.00	101 4641308	660.00
7391136	06077	CHRISP COMPANY	REVIVE 25-STRIPING/MARKINGS	11,594.00 <u>11,594.00</u>	206 12ST036924 206 12ST036924	372.00 11,222.00 <u>11,594.00</u>
7391137	03475	CLARK AND HOWARD	TOWING-EQ3759	125.00	203 4752207	125.00
7391138	C0054	COLE-ROUS, JOHN	10/17-SPORTS OFFICAL	290.00	101 4641308	290.00

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7391139	08484	CONSOLIDATED ELECTRCL DIST INC	STREETLIGHT BOXES/LIDS/BOLTS CLAMPS/GRIPS	1,448.50 794.97 <u>2,243.47</u>	483 4755460 483 4755460	1,448.50 794.97 <u>2,243.47</u>
7391140	00794	CORRALES, RUDY	10/17-SPORTS OFFICAL	80.00	101 4641308	80.00
7391141	07545	COSTAR REALTY INFORMATION INC	10/17-PROFESSIONAL SERVICES	958.26	101 4540301	958.26
7391142	C7625	DAPEER,ROSENBLIT & LITVAK, LLP	09/17-SPECIALIZED LGL SVCS 09/17-SPECIALIZED LGL SVCS	304.50 95.00 <u>399.50</u>	101 4400303 101 4400303	304.50 95.00 <u>399.50</u>
7391143	00414	DESERT LOCK COMPANY	PDW-DOOR REPAIRS/LUBE OMP-LOCK REPAIRS NSC-DOOR REPAIRS OMP-KEYS/CLIPS/RINGS	105.00 132.73 249.64 25.02 <u>512.39</u>	101 4634402 207 4634402 101 4635403 101 4634207	105.00 132.73 249.64 25.02 <u>512.39</u>
7391144	08124	DONES, AMANDA	10/17-SPORTS OFFICAL	160.00	101 4641308	160.00
7391145	03409	DOUTRE, ROBERT	10/17-SPORTS OFFICAL	550.00	101 4641308	550.00
7391146	05665	EGGERTH, DARRELL	10/17-SPORTS OFFICAL	180.00	101 4641308	180.00
7391147	06857	ENTERTAINMENTMAX, INC	CMMSSN-CHUBBY CHECKER-10/20/17	2,000.00	402 4650301	2,000.00
7391148	C9406	ESTES, MAURICE (W/H)	10/17-SPORTS OFFICAL FTB NOTICE TO WITHHOLD W/H ORDER FEE	120.00 (85.00) (2.50) <u>32.50</u>	101 4641308 101 2177001 101 3601100	120.00 (85.00) (2.50) <u>32.50</u>
7391149	C8113	F J HEATING & AIR CONDITIONING	44305 2ND ST E-AC/HTR REPAIRS	6,800.00	363 4542770	6,800.00
7391150	00617	FEDERAL EXPRESS CORPORATION	EXPRESS MAILINGS EXPRESS MAILINGS	116.45 19.32 <u>135.77</u>	101 4315212 101 4620212 402 4650212 101 4100212	25.13 19.36 71.96 19.32 <u>135.77</u>
7391151	A8286	FLAG SYSTEMS	PAC-SOUND EQPMNT RNTL-10/20/17	2,650.00	402 4650602	2,650.00
7391152	08066	FRANKLINCOVEY CLIENT SALES INC	PRJCT MGMNT WORKSHOP-10/10/17	4,948.99	101 4320245	4,948.99
7391153	D0315	FREGOSO, PHYLLIS	11/17-STANDARD RETAINER	8,300.00	101 4680225	8,300.00
7391154	03430	GRAINGER	MUFFLER EXHAUST	5.64	203 4752230	5.64
7391155	00781	GRANITE CONSTRUCTION CO.	CP17002-2017 SIDEWLK REPRS-5	20,186.05	209 12ST036924 210 12ST036924	3,185.93 17,000.12

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			CP17002-2017 SIDEWLK REPRS-RET	19,968.07	209 12ST036924	3,120.17
					210 12ST036924	16,847.90
				<u>40,154.12</u>		<u>40,154.12</u>
7391156	07201	HALL JR, CHARLES	10/17-SPORTS OFFICAL	575.00	101 4641308	575.00
7391157	D0325	HAMMOND, GWYNNE	10/17-SPORTS OFFICAL	310.00	101 4641308	310.00
7391158	02585	HARRELL, BARON	10/17-SPORTS OFFICAL	320.00	101 4641308	320.00
7391159	07044	HARTMAN, BRETT D	SEED COLLECTION/MITIGATION	3,950.60	224 13EV001924	3,950.60
7391160	D0501	HIESL CONSTRUCTION INC	647 J11-REPAIRS	5,560.00	363 4542771	5,560.00
			44503 2ND ST E-REPAIRS	915.00	363 4542770	915.00
			43741 GADSDEN-WINDOW REPAIRS	220.00	363 4542770	220.00
			1654 NORBERRY-REPAIRS	<u>3,605.00</u>	363 4542770	<u>3,605.00</u>
				<u>10,300.00</u>		<u>10,300.00</u>
7391161	07696	JOHNSON, DONALD	10/17-SPORTS OFFICAL	130.00	101 4641308	130.00
7391162	01419	JOHNSTONE SUPPLY	CH-BELTS(2)	21.89	101 4633403	21.89
			CRDT-CH-BELTS(4)	(30.56)	101 4633403	(30.56)
			LMS-FILTERS/TANK	125.76	101 4632403	125.76
				<u>117.09</u>		<u>117.09</u>
7391163	08363	KAMBRIAN CORPORATION	COMPUTER MONITORS(120)	23,433.08	109 4315291	23,433.08
7391164	D1903	KERN MACHINERY INC-LANCASTER	CREDIT-WEATHERSTRIP-EQ5853	(474.10)	101 4635207	(474.10)
			ROTARY SWITCH-EQ5851	23.19	101 4634207	23.19
			SEAT/LATCHES/LABEL-EQ5837	223.69	101 4632207	223.69
			TIRES/BRAKE PAD-EQ5844	432.72	101 4634207	432.72
			CLUTCH/DISK/SEAL-EQ3773	1,274.57	203 4752207	1,274.57
			SEALANT-EQ3773	12.39	203 4752207	12.39
				<u>1,492.46</u>		<u>1,492.46</u>
7391165	D2199	L A CO FIRE	SOL-SFTY OFFCR-09/29-10/1/17	3,989.76	101 4684222S	3,989.76
7391166	C5747	L A CO FIRE DEPT	HAZ MAT DSCLSR-AR0019121	549.00	101 4631311	549.00
			HAZ MAT DSCLSR-AR0068150	549.00	101 4631311	549.00
				<u>1,098.00</u>		<u>1,098.00</u>
7391167	03575	LANCASTER AUTO INTERIORS	LABOR-EQ3776	175.00	203 4752207	175.00
7391168	01201	LANCASTER CHAMBER OF COMMERC	LCE-12/17-12/18-MEMBERSHP DUES	150.00	101 4200206	150.00
7391169	07356	LEONIDA BUILDERS, INC	CP17001-2017 CURB/GUTTR RPRS-5	10,206.80	210 12ST036924	10,206.80
			CP17001-2017 CURB/GUTTR RPRS	14,110.75	209 12ST036924	621.30
					210 12ST036924	13,489.45
				<u>24,317.55</u>		<u>24,317.55</u>

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7391170	D1736	LEVEL 3 COMMUNICATIONS LLC	10/17-INTERNET/DATA-#50041351	3,931.67	101 4315651	3,931.67
7391171	08387	LOOMIS	09/17-ARMORED CAR SERVICE	1,805.34	101 3501110	1,805.34
7391172	D3390	LOPEZ, JOE	10/17-SPORTS OFFICAL	680.00	101 4641308	680.00
7391173	06663	MASON, MELINDA	AV SENIOR EXPO-PHOTO SVS	50.00	101 4305301	50.00
7391174	05457	MAULDIN JR, LEO	10/17-SPORTS OFFICAL	540.00	101 4641308	540.00
7391175	03351	MAULDIN, JOSEPH	10/17-SPORTS OFFICAL	410.00	101 4641308	410.00
7391176	C8463	MEYER, BEN	10/17-SPORTS OFFICAL	100.00	101 4641308	100.00
7391177	06966	MICHAEL BAKER INT'L INC	SR138-AV G INTRCHG-CNSLTNG SVC	26,731.59	210 15BR006924	26,731.59
7391178		VOID				
7391179	D3578	MINUTEMAN PRESS	BEX INVITE DESIGN	54.75	101 4330251	54.75
			CCEA-BUSINESS CARDS(1750)	127.96	491 4370259	127.96
			LCE-ENVELOPES/LETTERHEAD	1,009.63	490 4370213	1,009.63
				<u>1,192.34</u>		<u>1,192.34</u>
7391180	07464	MORGAN SOLAR USA INC	CRDT-08/17-NSC-SOLAR POWER	(59.88)	101 4635652	(59.88)
			09/17-NSC-SOLAR POWER	64.48	101 4635652	64.48
			10/17-NSC-SOLAR POWER	1,498.69	101 4635652	1,498.69
				<u>1,503.29</u>		<u>1,503.29</u>
7391181	D1167	MUNICIPAL CODE CORPORATION	CODE OF ORDINANCES-SUPPLEMENTS	275.69	101 4110360	275.69
7391182	07509	NAPA AUTO PARTS	SEALER-EQ3773	24.29	203 4752207	24.29
			AIR/OIL FILTERS-EQ3776	75.31	203 4752207	75.31
			FILTER-EQ3834	16.94	203 4752207	16.94
			SWITCH-EQ4327	29.30	483 4785207	29.30
			FUEL PUMP-EQ3759	183.32	203 4752207	183.32
			CREDIT-FUEL PUMP-EQ3759	(183.32)	203 4752207	(183.32)
				<u>145.84</u>		<u>145.84</u>
7391183	06148	NIK-O-LOK, INC	COIN LOCK TOKENS(10 BAGS)	99.06	101 4633403	99.06
7391184	07540	OFFICETEAM	DP-HR STAFF-10/9-10/13	1,825.60	101 4320308	1,825.60
7391185	05509	P A R S	08/17-REP FEES	4,814.15	101 4320301	4,814.15
7391186	05741	P P G ARCHITECTURAL FINISHES	OMP-FIELD PAINT	91.56	101 4634404	91.56
			STP-PAINT	78.65	101 4631403	78.65
			PAINT	84.37	203 4752502	84.37
				<u>254.58</u>		<u>254.58</u>

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7391187	07554	PACIFIC PRODUCTS AND SVCS LLC	STENCILS(7)	1,057.77	203 4785454	1,057.77
7391188	05998	PAVING THE WAY FOUNDATION	CMMNTY SPPRT/GOOD CTZNSHP PRGM	500.00	399 4820776	500.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	5,500.00	101 4820301	5,500.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	1,968.00	399 4820776	1,968.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	1,000.00	399 4820776	1,000.00
				<u>8,968.00</u>		<u>8,968.00</u>
7391189	05499	PENSKE TRUCK LEASING CO LP	MOAH-TRUCK RENTAL-10/06/17	377.83	101 4644603	377.83
7391190	06858	PRICE, TYLEN	10/17-SPORTS OFFICAL	50.00	101 4641308	50.00
7391191	04536	QUARTZ HILL GARDEN CENTER	AHP-PLANTS(41)	726.51	101 4631265	726.51
7391192	05864	QUINN COMPANY	ELEMENTS/FILTERS-EQ3774	272.12	203 4752207	272.12
			HOSE ASSY/COUPLINGS-EQ3782	85.70	203 4752207	85.70
			LAMPS(10)-EQ3772	83.91	484 4752207	83.91
			FILTERS(6)-EQ3840	221.14	484 4752207	221.14
			FILTERS(6)-EQ3840	245.59	484 4752207	245.59
			BOLTS/NUTS-EQ3835	74.30	484 4752207	74.30
			CREDIT-CORE-EQ3769	(669.48)	203 4752207	(669.48)
				<u>313.28</u>		<u>313.28</u>
7391193	05943	ROBERTSON'S	CONCRETE	1,681.88	203 4752410	1,681.88
7391194	D3947	S G A CLEANING SERVICES	OMP-PAINT WALLS	950.00	207 4634402	950.00
			OMP-CLEAN/WAX FLOOR	650.00	101 4634402	650.00
				<u>1,600.00</u>		<u>1,600.00</u>
7391195	07513	SABO, KARLIE	10/17-SPORTS OFFICAL	80.00	101 4641308	80.00
7391196	A8260	SAGE STAFFING	CM/GWD-CAP ENG-9/25-29/17	1,450.80	101 4761308	644.80
					251 4762308	806.00
			KH-CAP ENG STAFF-09/25-29/17	1,984.00	101 4761308	1,984.00
			MB-FINANCE STAFF-10/2-6/17	837.00	101 4310308	837.00
			MS-CAP ENG STAFF-10/02-06/17	1,116.00	101 4761308	1,116.00
			CM/GWD-CAP ENG-10/02-08/17	1,612.00	101 4761308	806.00
					251 4762308	806.00
			KH-CAP ENG STAFF-10/02-06/17	1,984.00	101 4761308	1,984.00
			MB-FINANCE STAFF-10/9-13/17	1,023.00	101 4310308	1,023.00
			GK-PUBLIC SFTY STFF-10/09-13/17	466.25	101 4820301	466.25
			SS-PUBLIC SFTY STFF-10/09-13/17	335.70	101 4820301	335.70
				<u>10,808.75</u>		<u>10,808.75</u>
7391197	C0267	SAN FERNANDO VALLEY BUSINESS	10/17-ADVERTISING	2,000.00	101 4540340	2,000.00
7391198	C3064	SANTOS, RENALDO	10/17-SPORTS OFFICAL	1,020.00	101 4641308	1,020.00
7391199	06664	SEA SUPPLY	NSC-CN LNR/SEAT CVRS/DSNFCTNT	928.04	101 4635406	928.04

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			TBP-CN LNR/T PPR/DSNFCTNT	990.32	101 4631406	990.32
				1,918.36		1,918.36
7391200	08037	SHOOK, DEAN	10/17-SPORTS OFFICAL	40.00	101 4641308	40.00
7391201	1894	SIGNS & DESIGNS	JRP/EDP-SIGNS(4)	634.78	101 4631404	634.78
			LA CO/DM-CHAMBER NAMEPLATES(2)	26.10	101 4100205	26.10
				660.88		660.88
7391202	01816	SMITH PIPE & SUPPLY INC	ESP-PVC PIPE/TEES/BUSHINGS	145.99	101 4631403	145.99
			JRP-ROTOR/CEMENT/PRIMER/PVC	56.13	101 4631404	56.13
			JRP-PLIERS/PVC	21.04	101 4631404	21.04
			PBP-ROTORS/PVC	258.26	101 4631404	258.26
			MP-ROTORS/SOLENOID ASSY/PVC	768.04	101 4631404	768.04
			MP-VALVES/KEYS/HOSE SWIVELS	305.82	101 4631404	305.82
			EDP-VALVE BOX	26.02	101 4631404	26.02
				1,581.30		1,581.30
7391203	04688	SPARKLETTS	WATER(11-24PKS)	196.14	101 4100205	196.14
7391204	D2143	STREAMLINE AUDIO VISUAL, INC	FOD-AUDIO/VISUAL/STAGING SVCS	12,000.00	101 4681222	12,000.00
			FOD-SOUND SYSTEM RNTL-11/4/17	437.50	101 4681222	437.50
				12,437.50		12,437.50
7391205	D4127	THE BANK OF NEW YORK MELLON	SHERIFF ESCRW FEE-10/17-10/18	750.00	991 4540962	750.00
7391206	2009	THE TIRE STORE	TIRES(4)-EQ6814	458.95	101 4545207	458.95
7391207	07494	THOMPSON, JACKLYN	10/17-SPORTS OFFICAL	130.00	101 4641308	130.00
7391208	C5522	THOMSON REUTERS-WEST PMT CENT	LIBRARY PLAN-09/05-10/04/17	22.94	101 4400301	22.94
7391209	04239	TIM WELLS MOBILE TIRE SERVICE	REPAIR-EQ5831	6.00	101 4634207	6.00
7391210	D3099	TPX COMMUNICATIONS	10/17-TELEPHONE SERVICE	10,262.26	101 4315651	10,262.26
7391211	06122	TRINITY INNOVATIONS	BANNERS(1140)	2,808.68	101 4681222	936.22
					101 4682222	936.23
					101 4684222S	936.23
				2,808.68		2,808.68
7391212	02977	TURBO DATA SYSTEMS INC	09/17-PARKNG CITATN PROCESSING	6,352.10	101 4810301	6,352.10
7391213	C4011	UNITED RENTALS	BOO-CAUTION TAPE(2 ROLLS)	15.11	101 4684222B	15.11
7391214	05551	UNITED SITE SRVCS OF CA,SO DIV	FENCE RENTAL-10/06-11/02/17	61.32	101 4633404	61.32
7391215	31009	UNIVERSAL ELECTRONIC ALARMS	PAC-REPROGRAMMNG/TESTNG/WIRING	647.50	402 4650301	647.50
			WH-REPROGRAMMING/TESTNG/WIRING	647.50	101 4633301	647.50
			TBP-ALARM MAINTANCE	647.50	101 4631402	647.50

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			STP-ALARM MAINTANCE	647.50	101 4631402	647.50
			PAC-10/17-SECURITY ALARM	27.00	402 4650301	27.00
			WH-10/17-SECURITY ALARM	27.00	101 4633301	27.00
			TBP-10/17-SECURITY ALARM	27.00	101 4631301	27.00
			STP-10/17-SECURITY ALARM	27.00	101 4631301	27.00
				<u>2,698.00</u>		<u>2,698.00</u>
7391216	07598	VANTIV INTEGRATED PAYMENTS INC	10/17-MONTHLY FEES/PASS	197.90	402 4650302	197.90
7391217	04496	VULCAN MATERIAL WESTERN DIV	COLD MIX	75.23	203 4752410	75.23
			COLD MIX	97.46	203 4752410	97.46
			COLD MIX	66.03	203 4752410	66.03
				<u>238.72</u>		<u>238.72</u>
7391218	31026	WAXIE SANITARY SUPPLY	PAC-GLVS/MAT/FRSHNR/DEODRNT	1,642.97	402 4650406	1,642.97
7391219	08393	WEISER, SARA	10/17-SPORTS OFFICAL	440.00	101 4641308	440.00
7391220	C5965	WOLF, LAWRENCE	10/17-SPORTS OFFICAL	360.00	101 4641308	360.00
7391221	D3242	ZIMMER, DANIEL	10/17-SPORTS OFFICAL	740.00	101 4641308	740.00
7391222	2501	ZUMAR INDUSTRIES, INC	STREET SIGNS(65)	6,114.60	203 4785455	6,114.60
7391223	1215	L A CO WATERWORKS	08/16/17-10/24/17 WATER SVC	82,170.73	101 4631654	6,289.39
					101 4633654	129.41
					101 4634654	25,252.77
					101 4636402	1,352.82
					203 4636654	8,639.73
					482 4636654	40,506.61
				<u>82,170.73</u>		<u>82,170.73</u>
7391224	05934	SHI INTERNATIONAL CORP	HP HARDWARE/WRNTY/SVCS	5,864.08	101 4315291	5,864.08
			SERVER EQUIPMENT	103,644.00	101 2175000	(215.20)
					101 4315291	10,194.72
					101 4315753	93,664.48
				<u>109,508.08</u>		<u>109,508.08</u>
7391225	1916	STRADLING,YOCCA,CARLSON,RAUTH	08/17-LEGAL SERVICES	8,108.00	101 4400303	8,108.00
			08/17-LEGAL SERVICES	86,218.48	101 4400303	162.20
					101 4400303	252.90
					101 4400303	252.90
					101 4400303	449.60
					101 4400303	534.80
					101 4400303	785.90
					101 4400303	1,375.20
					101 4400303	5,964.60
					101 4400303	6,516.19
					101 4400303	9,246.40
					101 4400303	11,675.60

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					101 4400303	15,728.90
					101 4400303	25,043.20
					209 15ST026924	4,618.99
					490 4370303	112.40
					491 4370303	843.00
					811 4100303	41.00
					830 4300303	40.40
					830 4300303	2,574.30
				94,326.48		94,326.48
7391226	C6049	A V COLLEGE FOUNDATION	LL-CMMNTY CONTRIBUTOR DONATION	1,000.00	106 4330200	1,000.00
7391227	D1445	A V PARTNERS FOR HEALTH	MF-CMMNTY CONTRIBUTOR DONATION	1,000.00	106 4330200	1,000.00
7391228	00107	A V PRESS	ANNUAL SUBSCRIPTION RNWL	229.95	101 4305206	229.95
7391229	06952	AIRBUILDERS, INC	NSC-AC UNIT REPAIRS	2,200.00	101 4635403	2,200.00
7391230	D1872	CA WATER ENVIRONMENTAL ASSN	JR-CWEA MEMBERSHIP RENEWAL	85.00	101 4320311	85.00
7391231	C2060	CA WATER SERVICE COMPANY	09/14/17-10/13/17 WATER SVC	994.24	482 4636654	994.24
7391232	08240	CARNIE & WENDY WILSON TOURING	BAL-WILSON PHILLIPS-11/11/17	16,250.00	402 4650318	16,250.00
7391233	D3231	COUWENBERG, ANDREA	11/17-CONTRACT SERVICES	10,266.00	101 4644308	10,266.00
7391234	D3792	DEFALCO, CATHY	CD-PR DM-SNT CLARA-11/13-16/17	224.00	491 4370201	224.00
7391235	A0925	DESERT HAVEN ENTERPRISES	RB-CMMNTY CONTRIBUTOR DONATION	1,000.00	106 4330200	1,000.00
7391236	C7741	EDWARDS, MONIQUE	ME-PR DM-ALAMEDA-10/11/17	51.75	101 4315256	51.75
7391237	08491	HUSAR, DONALD	RFND-PRKNG CITATION-31018900	38.00	101 3310200	38.00
7391238	08248	JACOBS, PETE	BAL-WARTIME RADIO-11/10/17	3,720.00	101 2175000	(280.00)
					402 4650318	4,000.00
				3,720.00		3,720.00
7391239	08488	L A CO BREWERS GUILD	FOD-BREWER COORDINATION	5,749.77	101 4681222	5,749.77
7391240	1215	L A CO WATERWORKS	08/23/17-11/01/17 WATER SVC	5,863.95	203 4752654	2,901.69
					363 4542770	21.81
					480 4755654	1,073.33
					482 4636654	1,364.43
					484 4755654	502.69
				5,863.95		5,863.95
7391241	D2287	LANCASTER CODE ENFRMNT ASSN	UNION DUES-PP 22-2017	300.00	101 2171000	300.00
7391242	A4930	LANDALE MUTUAL WATER COMPANY	L/CHALLENGER-10/17 WATER SVC	57.17	203 4636654	57.17

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7391243	05544	SANDERSON, MICHAEL	MS-PR DM-ALAMEDA-10/11/17	51.75	101 4315256	51.75
7391244	03154	SO CA EDISON	08/31/17-11/02/17 ELECTRIC SVC	495.03	101 4633652 482 4636652 483 4752652 483 4785652	25.04 172.43 49.21 248.35
				<u>495.03</u>		<u>495.03</u>
7391245	A2089	SO CA EDISON-ACCTS REC	CP17008-10 ST W-GAP CLOSURE	593.82	209 15ST026924	593.82
7391246	A2089	SO CA EDISON-ACCTS REC	CP17008-10 ST W-GAP CLOSURE	708.57	209 15ST026924	708.57
7391247	A2089	SO CA EDISON-ACCTS REC	CP17008-10 ST W-GAP CLOSURE	2,612.92	209 15ST026924	2,612.92
7391248	1907	SO CA GAS COMPANY	10/19/17-10/25/17 GAS SVC	159.18	101 4631655 363 4542770	19.23 139.95
				<u>159.18</u>		<u>159.18</u>
7391249	C6277	SOCIETY OF EXPERIMENTAL TEST	DR-CMMNTY CONTRIBUTOR DONATION	1,000.00	106 4330200	1,000.00
7391250	C2555	TIME WARNER CABLE	11/17-TV SVC-LCE/EXERCISE RM	11.14	101 4315651	11.14
7391251	C6406	WELLS, KATHY	KW-PR DM-OAKLAND-11/09/17	51.75	491 4370201	51.75
7391252	C6406	WELLS, KATHY	KW-MILG-NEW YORK-10/21-25/17	80.99	491 4370201	80.99
7391253	C6406	WELLS, KATHY	KW-PR DM-SNT CLARA-11/14-16/17	160.00	491 4370201	160.00
7391254	C3660	A V AIR QUALITY MGMT DISTRICT	MTNC YD-GAS DSPNSNG PERMIT	161.00	101 4753311	161.00
7391255	751	A V BOARD OF TRADE	LUNCHEON(4)	100.00	101 4540340	100.00
7391256	06576	A V CHEVROLET	TANK-EQ5668	707.79	101 4633207	707.79
7391257	A5389	A V FAIR	09/17-WATCH & WAGER COMM	2,850.86	101 2189000	2,850.86
7391258	01039	A V FORD LINCOLN MERCURY	BOX ASSY FUSE-EQ3759 FUEL PUMP-EQ3759	422.99 453.81	203 4752207 203 4752207	422.99 453.81
				<u>876.80</u>		<u>876.80</u>
7391259	C8328	A V MOSQUITO & VECTOR CONTROL	FY 17/18 MOSQUITO/VECTOR CNTRL	843.11	101 4330311 101 4330311 101 4634311 306 4542682 363 4542770 363 4542771 991 4540603	54.39 124.37 357.42 217.10 31.16 15.58 43.09
				<u>843.11</u>		<u>843.11</u>

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7391260	07489	ACCESSO SHOWARE	PAC-10/17-TICKET SALES	2,568.50	402 4650302	2,568.50
7391261	05445	ADELMAN BROADCASTING, INC	PAC-10/17 ADS-KEVIN JOHNSON	600.00	402 4650205	600.00
			PAC-10/17 ADS-KEVIN JOHNSON	150.00	402 4650205	150.00
			PAC-10/17 ADS-MANHATTAN TRNSFR	510.00	402 4650205	510.00
			PAC-10/17 ADS-MANHATTAN TRNSFR	510.00	402 4650205	510.00
				<u>1,770.00</u>		<u>1,770.00</u>
7391262	07552	ADVANCED DEPOSITIONS	CLAIM #062-15/CLGL-0002A2	2,423.48	109 4330300	2,423.48
			CLAIM #062-15/CLGL-0002A2	745.90	109 4330300	745.90
				<u>3,169.38</u>		<u>3,169.38</u>
7391263	05956	ADVANCED PRINTING & GRAPHICS	FOD-BROCHURES(200)	43.80	101 4681222	43.80
7391264	05694	ADVANTEC CONSULTING ENGINEERS	CP16001-TRAFFIC SIGNAL MDRNZTN	6,625.00	217 16TS028924	3,312.50
			CP16001-TRAFFIC SIGNAL MDRNZTN	21,070.00	321 16TS028924	3,312.50
			CP16001-TRAFFIC SIGNAL MDRNZTN		217 16TS028924	10,535.00
			CP16001-TRAFFIC SIGNAL MDRNZTN		321 16TS028924	10,535.00
			CP16007-TRAFFIC SIGNAL UPGRADS	1,970.00	217 16TS029924	1,970.00
				<u>29,665.00</u>		<u>29,665.00</u>
7391265	03418	AEROTECH NEWS AND REVIEW	FOD-ADVERTISING	175.00	101 4681222	175.00
7391266	C6143	AMERICAN BUSINESS MACHINES	IMAGE RUNNER ADV COPIER	7.22	101 4310254	7.22
			IMAGE RUNNER ADV COPIER	23.80	101 4310254	23.80
				<u>31.02</u>		<u>31.02</u>
7391267	D4107	AMERICAN DIVING DOGS, INC	BAP-DIVING DOGS-10/7-8/17	1,000.00	101 4640251	1,000.00
7391268	D3517	AMERICASPRINTER.COM	FOD-BROCHURES(2500)	387.16	101 4681222	387.16
7391269	04190	AMERIPRIDE SERVICES	UNIFORM CLEANINGS	52.33	101 4753209	52.33
7391270	05251	AMTECH ELEVATOR SERVICES	11/17-ELEVATOR SERVICE	954.79	101 4632301	257.06
					101 4633301	257.06
					402 4650301	440.67
				<u>954.79</u>		<u>954.79</u>
7391271	05179	ARAMARK UNIFORM SVCS	UNIFORM CLEANINGS	114.27	480 4755209	114.27
7391272	06115	ATLANTIC CUSTOM SOLUTIONS INC	FOD-TASTER GLASSES(950)	921.50	101 2175000	(87.54)
					101 4681222	1,009.04
				<u>921.50</u>		<u>921.50</u>
7391273	08380	BARRERA, RICARDO	SOL-FOOD VENDOR-10/01/2017	150.00	101 4684222S	150.00
7391274	08094	BURRELLESLUCE	10/17-MONTHLY MEDIA CHARGES	332.00	101 4305301	332.00
7391275	08391	CALIFORNIA FUELS & LUBRICANTS	UNLEADED(4932)	11,703.44	101 1620000	11,703.44

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			DIESEL(2164)	5,574.38	101 1620000	5,574.38
				17,277.82		17,277.82
7391276	06020	CANON FINANCIAL SERVICES, INC	09/17 COPIER LEASE	15,271.58	101 4310254	15,271.58
7391277	04636	CAYENTA/N HARRIS COMPUTER CORP	COGNOS INSTALLATION	3,200.00	101 4315301	3,200.00
7391278	05128	CLEANSTREET	10/17 MONTHLY STREET SWEEP	40,193.84	203 4751450	39,193.84
					484 4751450	1,000.00
				40,193.84		40,193.84
7391279	07545	COSTAR REALTY INFORMATION INC	11/17-PROFESSIONAL SERVICES	958.26	101 4540301	958.26
7391280	07131	DE LAGE LANDEN FINANCIAL SVCS	10/15-11/14/17 NETWORK PRINTER	168.95	101 4810254	168.95
7391281	05473	DEWEY PEST CONTROL	MTNC YD-10/17 PEST CONTROL SVC	137.00	203 4752402	137.00
			MLS-10/17 PEST CONTROL SVC	90.00	101 4633301	90.00
			WH-10/17 PEST CONTROL SVC	70.00	101 4633301	70.00
			PAC-10/17 PEST CONTROL SVC	50.00	402 4650301	50.00
			CH-10/17 PEST CONTROL SVC	140.00	101 4633301	140.00
			CDR ST-10/17 PEST CONTROL SVC	90.00	101 4651301	90.00
			LUC-10/17 PEST CONTROL SVC	75.00	101 4633301	75.00
			LBP-10/17 PEST CONTROL SVC	95.00	101 4636402	95.00
				747.00		747.00
7391282	01048	ECONOLITE CONTROL PROD INC	BATTERIES(4)	10,435.56	483 4785460	10,435.56
7391283	08052	ELERT & ASSOC NETWORK DIV INC	09/17-CONSULTING SERVICES	16,046.25	109 4315301	16,046.25
7391284	D2427	ENVIRONMENTAL SOUND SOLUTIONS	11/17-MUSIC SERVICE	65.00	101 4633301	65.00
7391285	00617	FEDERAL EXPRESS CORPORATION	EXPRESS MAILINGS	85.06	209 15ST037924	61.82
			EXPRESS MAILINGS	14.17	402 4650212	23.24
				99.23	109 4330212	14.17
						99.23
7391286	A8286	FLAG SYSTEMS	PAC-SOUND EQPMNT RNTL-10/27/17	2,550.00	402 4650602	2,550.00
7391287	07369	FRONTIER COMMUNICATIONS CORP	10/25-11/24/17 TELEPHONE SVC	584.75	101 4633651	584.75
7391288	D0574	HAMPTON INN & SUITES-LANCASTER	LODGING-10/12-21/17	1,316.88	101 4820355	1,316.88
7391289	08058	KAIZEN INFOSOURCE LLC	10/17-RETENTION CONSULTING SVC	6,072.97	109 4110301	6,072.97
7391290	C5747	L A CO FIRE DEPT	HAZ MAT DISCLOSURE-AR0001672	4,517.00	480 4755311	4,517.00
7391291	1203	LANCASTER PLUMBING SUPPLY	WATER HEATER/CNNCTRS	331.53	101 4636402	331.53
7391292	D3426	LAW OFFICES CHRISTOPHER RAMSEY	CLAIM #004-17/CLGL-1383A2	7,128.00	109 4330300	7,128.00

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7391293	04351	LYN GRAFIX	TOTE BAGS(450)	1,501.27	101 4320251	1,501.27
			UNIFORM SHIRTS(2)	84.63	101 4320251	84.63
				<u>1,585.90</u>		<u>1,585.90</u>
7391294	02270	MELDON GLASS	CDR ST-REPLACE GLASS	87.00	101 4651403	87.00
			MOAH-PANIC DEVICE READJUSTMENT	75.00	101 4633301	75.00
				<u>162.00</u>		<u>162.00</u>
7391295	D0097	MID-AMERICA SPORTS ADVANTAGE	NSC-FIELD PAINT	561.50	101 2175000	(53.34)
					101 4635404	614.84
				<u>561.50</u>		<u>561.50</u>
7391296	D3578	MINUTEMAN PRESS	LCE-CONF OPT OUT MAILER	0.90	490 4370213	0.90
			LCE-00N1 WEEK 106 NOTICES	257.22	490 4370213	257.22
			LCE-00N2 WEEK 106 NOTICES	162.87	490 4370213	162.87
			LCE-00N1 WEEK 107 NOTICES	244.32	490 4370213	244.32
			LCE-00N2 WEEK 107 NOTICES	164.50	490 4370213	164.50
				<u>829.81</u>		<u>829.81</u>
7391297	07980	MOORE, JACK T	BIKE EQUIPMENT REPAIRS	306.15	101 4633402	306.15
7391298	07509	NAPA AUTO PARTS	ALTERNATOR-EQ3992	250.29	480 4755207	250.29
			CREDIT-CORE DEP-EQ3992	(72.11)	480 4755207	(72.11)
			IGNITION COILS(8)-EQ3303	468.64	203 4752207	468.64
			HOSE ASSEMBLY-EQ3992	75.93	480 4755207	75.93
			SWITCH-EQ3992	52.33	480 4755207	52.33
			GREASE-EQ3303	20.19	203 4752207	20.19
			COUPLERS(2)-EQ3771	6.49	203 4752207	6.49
			AC FAN ASSY-EQ3992	98.03	480 4755207	98.03
			LED LIGHTS/MIRROR-EQ3303	54.69	203 4752207	54.69
			BELT/PULLEY-EQ4742	50.51	203 4752207	50.51
			EXTRACTION TOOL-EQ3303	71.00	203 4752207	71.00
			SHOCK ABSORBERS(4)-EQ4742	235.23	203 4752207	235.23
			BATTERIES(2)-EQ2308	9.26	203 4752207	9.26
				<u>1,320.48</u>		<u>1,320.48</u>
7391299	06148	NIK-O-LOK, INC	11/17-MONTHLY COIN LOCK LEASE	39.00	101 4633403	39.00
7391300	D2634	O'REAR, JEFFREY R	10/17-PRODUCTION SERVICES	400.00	101 4680225	400.00
7391301	07540	OFFICETEAM	DP-HR STAFF-10/16-10/20/17	1,825.60	101 4320308	1,825.60
7391302	A7221	P E R S LONG TERM CARE PROGRAM	LONG TERM CARE PREM-PP 22-2017	2,147.46	101 2170200	2,147.46
7391303	06984	PACIFIC DESIGN & INTEGRATION	MAM FIBER INSTALLTION	1,931.80	101 4305753	1,931.80
			RACK CLEANUP/RELOCATION	3,898.75	101 4315302	3,318.75
					109 4315291	580.00
			10/17-BROADCAST MANAGER SVCS	3,381.00	101 4305302	3,381.00
				<u>9,211.55</u>		<u>9,211.55</u>

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7391304	05998	PAVING THE WAY FOUNDATION	CMMNTY SPPRT/GOOD CTZNSHP PRGM CMMNTY SPPRT/GOOD CTZNSHP PRGM '	500.00 <u>1,968.00</u> 2,468.00	399 4820776 399 4820776	500.00 <u>1,968.00</u> 2,468.00
7391305	05780	PLUMBERS DEPOT, INC	ROOT CUTTER KIT	1,478.25	480 4755208	1,478.25
7391306	06160	PRIME TIME PARTY RENTALS	BOO-TNTS/CHRS/TBLS/WLLS/WGHTS HEALTH FAIR-TENTS/CHAIRS/TBLS	3,585.00 <u>1,460.00</u> 5,045.00	101 4684222B 101 4320251	3,585.00 <u>1,460.00</u> 5,045.00
7391307	06874	PRINTS4LIFE	FOD-SHIRTS(115)	1,208.88	101 4681222	1,208.88
7391308	C5395	PRO ACTIVE WORK HEALTH SERVICES	TH-VACCINE-09/20/16 SH-PHYS/ESCREEN/TB TST-9/12/17 JB-PHYS/PULMNR Y TST/MSK FIT TD-PHYS/PULMNR Y TST/MSK FIT AB-ESCREEN TEST-09/13/17 RF-PHYS/PULMNR Y TST/MSK FIT TH-PHYS/PULMNR Y TST/MSK FIT MS-ESCREEN TEST-09/05/17 SP-ESCREEN/BAT NON DOT-9/11/17 BS-PHYS/PULMNR Y TST/MSK FIT SF-PHYS/PULMNR Y TST/MSK FIT DH-PHYS/PULMNR Y TST/MSK FIT TH-PHYS/PULMNR Y TST/MSK FIT JL-PHYS/PULMNR Y TST/MSK FIT ML-PHYS/PULMNR Y TST/MSK FIT KR-PHYS/PULMNR Y TST/MSK FIT JR-PHYS/PULMNR Y TST/MSK FIT	63.00 100.00 110.00 110.00 40.00 110.00 110.00 40.00 75.00 179.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00	101 4320301 101 4320255 480 4755200 480 4755200 101 4320301 480 4755200 480 4755200 101 4320301 101 4320301 480 4755200 480 4755200 480 4755200 480 4755200 480 4755200 480 4755200 480 4755200 480 4755200	63.00 100.00 110.00 110.00 40.00 110.00 110.00 40.00 75.00 69.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00 110.00
7391309	08119	R N S COMMUNICATIONS INC	USED OIL RECYCLING AD	650.00	330 4755775	650.00
7391310	08490	RODRIGUEZ, VANESSA	VR-REIMB-PRKNG-PSDNA-10/25/17	13.00	480 4755202	13.00
7391311	08492	RUTAN & TUCKER, LLP	09/17-PROFESSIONAL SERVICES	350.00	991 4540303	350.00
7391312	D3947	S G A CLEANING SERVICES	LGC-WINDWS/DOORS/FENCE REPAIRS	1,325.00	101 4540340	1,325.00
7391313	1985	SAFEWAY SIGNS	SIGNS(20)	166.44	203 4785455	166.44
7391314	A8260	SAGE STAFFING	MB-FINANCE STAFF-10/16-20/17 GK-PUBLIC SFTY STFF-10/16-20/17 SS-PUBLIC SFTY STFF-10/16-20/17	837.00 466.25 <u>335.70</u> 1,638.95	101 4310308 101 4820301 101 4820301	837.00 466.25 <u>335.70</u> 1,638.95
7391315	08410	SENELLA, JAIME	JS-MILG-LAS VEGAS-10/17-20/17	274.99	101 4320256	274.99

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7391316	1894	SIGNS & DESIGNS	PAC-BANNER	139.84	402 4650301	139.84
7391317	5210	SLATER PIANO SERVICE	PAC-PIANO TUNING	100.00	402 4650301	100.00
7391318	04173	SPECTRUM AQUATICS	BATTERY	316.28	101 2175000	(2.37)
					101 4631670	318.65
				<u>316.28</u>		<u>316.28</u>
7391319	05590	STUDIO EQUIPMENT RENTALS INC	BOO-GATOR/TRAILR/CABLE PRTCTR	362.00	101 4684222B	362.00
7391320	06321	SUPERKARTS! USA	SOL-WINNER SPONSORSHIP	1,700.00	101 4684222S	1,700.00
7391321	08005	T B X EMPLOYEE BENEFITS LLC	TBX ANNUAL SUBSCRIPTION FEE	995.00	101 4320301	995.00
7391322	D2446	THE BLVD ASSOCIATION	PAC-BILLBOARD AD	57.32	402 4650205	57.32
7391323	2009	THE TIRE STORE	TIRES(4)-EQ4742	289.94	203 4752207	289.94
7391324	D1594	TOUCHPOINT ENERGIZED COMM	11/17-E NEWSLETTER SVC	375.00	101 4305302	375.00
7391325	02977	TURBO DATA SYSTEMS INC	CITATION ENVELOPES(30000)	1,256.38	101 4810253	1,256.38
7391326	D3265	ULINE	CBL TIES/TAPE/FOAMBOARD	630.30	101 4681222	210.10
					101 4682222	210.10
					101 4684222M	210.10
				<u>630.30</u>		<u>630.30</u>
7391327	05551	UNITED SITE SRVCS OF CA,SO DIV	FENCE RENTAL-10/12-11/08/17	19.72	101 4633404	19.72
7391328	31009	UNIVERSAL ELECTRONIC ALARMS	MTNC YD-10/17-FIRE ALARM	27.00	203 4752402	27.00
			MTNC YD-10/17-SECURITY ALARM	27.00	203 4752402	27.00
			PAC-11/17-SECURITY ALARM	27.00	402 4650301	27.00
			WH-11/17-SECURITY ALARM	27.00	101 4633301	27.00
			CH-11/17-SECURITY ALARM	27.00	101 4633301	27.00
				<u>135.00</u>		<u>135.00</u>
7391329	08377	USA SOFTBALL OF SC	2017 WINTER ASA REG(121)	1,452.00	101 4641270	1,452.00
7391330	06423	UTILITY SYSTEMS SCIENCE/SFTWRE	SEWER LEVEL MONITOR	530.00	480 4755470	530.00
7391331	06384	VOYAGER FLEET SYSTEMS INC	VOYAGER FLEET SYSTEMS 10/24/17	760.49	101 2602000	760.49
7391332	04496	VULCAN MATERIAL WESTERN DIV	COLD MIX	283.17	203 4752410	283.17
			COLD MIX	83.66	203 4752410	83.66
				<u>366.83</u>		<u>366.83</u>
7391333	C5433	WADE, RICHARD	CARES-VOLCANO PRESNT-10/24/17	275.00	101 4670270	275.00
7391334	05087	WALSMA OIL COMPANY	UNLEADED(4930)/DIESEL(2475)	17,973.99	101 1620000	17,973.99

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7391335	08481	WANCO INC	KITS/PINS/CORDS	515.13	203 4752207	257.56
					203 4752207	257.57
				<u>515.13</u>		<u>515.13</u>
7391336	31026	WAXIE SANITARY SUPPLY	SOAP/TWLS/ST CVRS/TRGGR SPRYR	131.31	203 4752406	131.31
7391337	05806	WEST COAST SAFETY SUPPLY CO	SENSORS/DUST FILTERS	858.19	480 4755402	858.19
7391338	04053	WITT'S PRINT & OFFICE SUPPLY	CALENDARS/PLANNERS	187.75	101 4310259	187.75
7391339	C5392	CARDLOCK FUELS SYSTEM	QRTL Y LEASE PYMNT-3ND QTR 2017	315,079.00	991 4540963	315,079.00
7391340	C7946	L A CO DEPT ANIMAL CARE&CONTRL	09/17-HOUSING COSTS	84,425.20	101 4820363	84,425.20
7391341	06681	PACIFIC ENERGY ADVISORS, INC	09/17-CCEA CONSULTING SERVICES	19,000.00	491 4370002D	19,000.00
			10/17-CCEA CONSULTING SERVICES	19,000.00	491 4370003D	19,000.00
			10/17-CCEA CONSULTING SERVICES	19,000.00	491 4370002D	19,000.00
			10/17-CCEA CONSULTING SERVICES	10,000.00	491 4370004T	10,000.00
				<u>67,000.00</u>		<u>67,000.00</u>
7391342	C9201	GALLOWAY, PATTI	PG-REIMB-09/17-RETIRE LTC PYMT	52.88	109 1101000	52.88
7391343	06043	A V 4-H LEADERS COUNCIL	10/17-CHICKENS INSTRUCTION	57.60	101 4643308	57.60
7391344	08236	AMPED	10/17-MINI ROCKERS INSTRUCTION	177.80	101 4643308	177.80
7391345	08130	ARTAROUND STUDIO	10/17-KIDSWORK INSTRUCTION	234.00	101 4643308	234.00
7391346	01580	BASS, LYNNETTE	10/17-MOMMY/DADDY/ME INSTRUCTR	292.50	101 4643308	292.50
7391347	06699	BOOKER, MELVIN JR	10/17-GUITAR INSTRUCTOR	120.00	101 4643308	120.00
7391348	06724	BOWMAN, SUSAN	10/17-GARDENING INSTRUCTOR	150.00	101 4643308	150.00
7391349	07733	CHAMBERS, CYNTHIA A	10/17-KEYBOARD INSTRUCTOR	195.00	101 4643308	195.00
7391350	C5109	D'S CERAMICS	10/17-POTTERS WHEEL INSTRUCTN	136.50	101 4643308	136.50
			10/17-CHILDRENS ART INSTRUCTN	140.00	101 4643308	140.00
			10/17-HOLIDAY CLAY INSTRUCTN	24.50	101 4643308	24.50
				<u>301.00</u>		<u>301.00</u>
7391351	07159	DIAZ, BRANDON	10/17-TENNIS INSTRUCTOR	154.00	101 4643308	154.00
			10/17-TENNIS INSTRUCTOR	94.50	101 4643308	94.50
			10/17-TENNIS INSTRUCTOR	245.00	101 4643308	245.00
			10/17-TENNIS INSTRUCTOR	101.50	101 4643308	101.50
				<u>595.00</u>		<u>595.00</u>
7391352	06649	GRADY, VICTOR	10/17-GUITAR INSTRUCTOR	196.00	101 4643308	196.00

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7391353	08505	HERNANDEZ, RAFAEL	10/17-ARCHERY INSTRUCTOR	300.00	101 4643308	300.00
7391354	07127	HUMAN ELEMENT	10/16-BELLYFIT INSTRUCTION 10/17-BARRE INSTRUCTION 10/17-BELLYFIT INSTRUCTION	28.00 140.00 56.00 <u>224.00</u>	101 4643308 101 4643308 101 4643308	28.00 140.00 56.00 <u>224.00</u>
7391355	D3842	INNOVATION EDUCATION	10/17-ITALIAN INSTRUCTION 10/17-ITALIAN INSTRUCTION 10/17-ITALIAN INSTRUCTION 10/17-ITALIAN INSTRUCTION	280.00 56.00 192.00 112.00 <u>640.00</u>	101 4643308 101 4643308 101 4643308 101 4643308	280.00 56.00 192.00 112.00 <u>640.00</u>
7391356	06623	INTERN'L DANCE FITNESS ACADEMY	10/17-HIP HOP INSTRUCTION 10/17-SALSA INSTRUCTION 10/17-BALLET/TAP INSTRUCTION 10/17-BALLET/TAP INSTRUCTION	459.60 192.00 624.00 240.00 <u>1,515.60</u>	101 4643308 101 4643308 101 4643308 101 4643308	459.60 192.00 624.00 240.00 <u>1,515.60</u>
7391357	C8919	KOCUREK, PHILLIP	10/17-PHOTOGRAPHY INSTRUCTOR	234.00	101 4643308	234.00
7391358	D3290	MAHOWALD, DAA	10/17-CHESS INSTRUCTOR 10/17-CHESS INSTRUCTOR 10/17-CHESS INSTRUCTOR 10/17-CHESS INSTRUCTOR	485.10 136.80 7.80 70.20 <u>699.90</u>	101 4643308 101 4643308 101 4643308 101 4643308	485.10 136.80 7.80 70.20 <u>699.90</u>
7391359	08106	MARTINEZ, CRISTINA A	10/17-BALLET INSTRUCTOR 10/17-BALLET INSTRUCTOR	610.20 961.20 <u>1,571.40</u>	101 4643308 101 4643308	610.20 961.20 <u>1,571.40</u>
7391360	06673	MILLER, JACK C	10/17-TABLE TENNIS INSTRUCTOR 10/17-TABLE TENNIS INSTRUCTOR 10/17-TABLE TENNIS INSTRUCTOR	76.80 27.00 81.00 <u>184.80</u>	101 4643308 101 4643308 101 4643308	76.80 27.00 81.00 <u>184.80</u>
7391361	07188	PEPPER POT CHEFS	10/17-KITCHEN KIDS INSTRUCTION 10/17-KITCHEN KIDS INSTRUCTION	108.00 108.00 <u>216.00</u>	101 4643308 101 4643308	108.00 108.00 <u>216.00</u>
7391362	04337	RUIZ, LINDA	10/17-TENNIS INSTRUCTOR 10/17-TENNIS INSTRUCTOR	285.60 535.50 <u>821.10</u>	101 4643308 101 4643308	285.60 535.50 <u>821.10</u>
7391363	06651	SANTOS BOXING USA	10/17-BOXING INSTRUCTION 10/17-BOXING INSTRUCTION	336.00 504.00 <u>840.00</u>	101 4643308 101 4643308	336.00 504.00 <u>840.00</u>
7391364	C8388	SPICHER, CHRIS	10/17-FLORAL DESIGN INSTRUCTOR	113.40	101 4643308	113.40

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7391365	C7604	YOUNG CHAMPIONS	10/17-SELF DEFENSE INSTRUCTION	922.20	101 4643308	922.20
7391366	07551	YOUNG, DANA L	10/17-PICKLEBALL INSTRUCTOR	94.50	101 4643308	94.50
			10/17-PICKLEBALL INSTRUCTOR	73.50	101 4643308	73.50
			10/17-PICKLEBALL INSTRUCTOR	142.10	101 4643308	142.10
				<u>310.10</u>		<u>310.10</u>
7391367	08523	3CGROWTH	JJ-CMMNTY CONTRIBUTOR DONATION	1,000.00	106 4330200	1,000.00
7391368	A5389	A V FAIR	BRIDAL SHOW BOOTH RNTL-1/28/18	337.50	101 4644251	337.50
7391369	00107	A V PRESS	10/17-ADVERTISING	400.00	101 4680225	400.00
7391370	00107	A V PRESS	10/17-ON THE NET ADS	3,157.50	101 4305205	3,157.50
7391371	08529	ALLEN, DEBORAH A.	40TH ANNIVERSARY-ARTIST SVCS	430.00	101 4330251	430.00
7391372	08493	ALTAMIRANO, KEILA LISSET	10/17-VOLUNTEER MEAL ALLOWANCE	126.00	101 4540340	126.00
7391373	05448	ATTORNEY GENERAL'S REGISTRY OF	LCSF-ANNUAL REGISTRTN-CT051472	50.00	106 4100311	50.00
7391374	08535	BENITEZ, ROBERT	RB-REIMB-SOL-DRINKS/SUPPLIES	97.65	101 4644251	97.65
7391375	08238	BRIGHTON, DAVID	BAL-SPACE ODDITY-11/18/17	2,250.00	402 4650318	2,250.00
7391376	C2060	CA WATER SERVICE COMPANY	10/06/17-11/06/17 WATER SVC	206.57	482 4636654	206.57
7391377	08400	CASINO DE PARIS INC	CASINO EQPMNT/RENTAL-11/17/17	3,350.00	101 4330251	3,350.00
7391378	D3845	CHAVEZ, CARLOS	CC-REIMB-MOAH-PAINT	225.42	101 4644251	225.42
7391379	D3845	CHAVEZ, CARLOS	CC-REIMB-TRUCK RENTAL-10/31/17	265.05	101 4644217	265.05
7391380	08531	COFER, HAROLD	40TH ANNIVERSARY-SECURITY/HOSP	147.00	101 4330251	147.00
7391381	08528	DJ ELETRIK	40TH ANNIVERSARY-DJ SVCS	1,600.00	101 4330251	1,600.00
7391382	08533	DUFRESNE, CHRISTOPHER	40TH ANNIVERSARY-SECURITY/HOSP	140.00	101 4330251	140.00
7391383	06857	ENTERTAINMENTMAX, INC	40TH ANNIVERSARY ENTERTAINMENT	7,550.00	101 4330251	7,550.00
7391384	07085	FRANCHISE TAX BOARD	LCSF-FORM 199 FILING FEE	10.00	106 4100311	10.00
7391385	C2235	GIBSON, WALKER	40TH ANNIVERSARY-PERF-11/17/17	400.00	101 4330251	400.00
7391386	C7863	GREEN SET, INC	PLANT RENTAL	1,927.20	101 4330251	1,927.20
7391387	08530	HAMILTON, RASHEED	40TH ANNIVERSARY-SECURITY/HOSP	140.00	101 4330251	140.00
7391388	08522	HOTZ, CHARLOTTE	RFND-APPLICATION RHA-17-00384	161.50	101 2179004	1.00

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					101 3102300	103.00
					101 3102400	57.50
				161.50		161.50
7391389	1215	L A CO WATERWORKS	09/05/17-11/07/17 WATER SVC	22,701.65	101 4631654	12,119.76
					101 4633654	3,052.73
					203 4636654	2,561.77
					306 4542684	304.10
					306 4542924	168.77
					363 4542770	45.03
					363 4542771	42.78
					482 4636654	4,406.71
				22,701.65		22,701.65
7391390	06936	MOSMAN, DESIREA	09/17-AM EXERCISE INSTRUCTOR	490.00	101 4643308	490.00
7391391	06936	MOSMAN, DESIREA	10/17-AM EXERCISE INSTRUCTOR	560.00	101 4643308	560.00
7391392	08524	PATNODE, CAROLYN	RFND-ADMIN CIT-#17-876	100.00	101 3310400	100.00
7391393	08051	PEDRINI, BARBARA	09/17-AM EXERCISE INSTRUCTOR	35.00	101 4643308	35.00
7391394	08051	PEDRINI, BARBARA	10/17-AM EXERCISE INSTRUCTOR	70.00	101 4643308	70.00
7391395	1705	QUARTZ HILL WATER DISTRICT	09/30/17-10/31/17 WATER SVC	7,951.77	101 4634654	3,384.66
					203 4636654	825.55
					482 4636654	3,741.56
				7,951.77		7,951.77
7391396	08532	RICO, JIMMY	40TH ANNIVERSARY-SECURITY/HOSP	140.00	101 4330251	140.00
7391397	03154	SO CA EDISON	04/01/17-11/01/17 ELECTRIC SVC	269.01	483 4755660	221.79
					483 4785652	47.22
				269.01		269.01
7391398	03154	SO CA EDISON	10/03/17-11/01/17 ELECTRIC SVC	1,605.97	483 4785652	1,605.97
7391399	03154	SO CA EDISON	10/03/17-11/01/17 ELECTRIC SVC	1,946.23	203 4636652	490.30
					482 4636652	1,455.93
				1,946.23		1,946.23
7391400	03154	SO CA EDISON	10/03/17-11/01/17 ELECTRIC SVC	3,103.27	203 4636652	443.58
					482 4636652	2,391.48
					484 4755652	268.21
				3,103.27		3,103.27
7391401	03154	SO CA EDISON	08/10/17-11/08/17 ELECTRIC SVC	12,567.74	101 4631652	1,192.81
					101 4633652	7,321.25
					101 4651652	881.29
					203 4636652	23.25

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					361 4541776	430.09
					482 4636652	280.69
					483 4785652	83.75
					483 4785660	2,252.03
					484 4755652	102.58
				<u>12,567.74</u>		<u>12,567.74</u>
7391402	03154	SO CA EDISON	10/03/17-11/01/17 ELECTRIC SVC	28,335.14	101 4631652	9,261.90
					101 4633652	2,555.83
					101 4634652	8,089.48
					101 4635652	7,631.60
					101 4810403	125.66
					483 4785660	670.67
				<u>28,335.14</u>		<u>28,335.14</u>
7391403	C2554	SUPERIOR COURT OF CA-CO OF L A	10/17-ALLCTN OF PRKG PENALTIES	23,760.00	101 3310200	2,455.50
					101 3310200	2,455.50
					101 3310200	2,455.50
					101 3310200	3,274.00
					101 3310200	3,297.50
					101 3310200	4,911.00
					101 3310200	4,911.00
				<u>23,760.00</u>		<u>23,760.00</u>
7391404	C2555	TIME WARNER CABLE	11/09/17-12/08/17-BASIC TV	27.10	101 4315651	27.10
7391405	2106	U S POSTMASTER	POSTAGE-FALL 2017 OUTLOOK	12,500.00	101 4305211	7,500.00
					101 4643211	5,000.00
				<u>12,500.00</u>		<u>12,500.00</u>
7391406	08537	VASQUEZ, MATTHEW	10/17-VOLUNTEER MEAL ALLOWANCE	126.00	101 4540340	126.00
7391407	06066	A T & T	DOJ-09/17-10/17-TELEPHONE SVCS	115.87	101 4315651	115.87
7391408	06576	A V CHEVROLET	VALVE-EQ3834	116.53	203 4752207	116.53
7391409	C0077	A V E K	BACTERIOLOGICAL TESTS(2)	46.00	485 4755402	46.00
7391410	03854	A V JANITORIAL SUPPLY	LMS-HAND SOAP/TOWELS	220.69	101 4632406	220.69
			TWLS/T PPR/CN LNRS/DSNFCTNT	569.47	101 4633406	569.47
				<u>790.16</u>		<u>790.16</u>
7391411	02357	A V TRANSIT AUTHORITY	OCT 17-ANNUAL SENIOR PASSES	7,750.00	204 4330770	3,875.00
					207 4330301	3,875.00
				<u>7,750.00</u>		<u>7,750.00</u>
7391412	04618	ADAMS METALIZING & GRINDING	JOINT INSTALL-EQ3769	141.84	203 4752207	141.84
7391413	05445	ADELMAN BROADCASTING, INC	PAC-10/17 ADS-CHUBBY CHECKER	600.00	402 4650205	600.00
			PAC-10/17 ADS-CHUBBY CHECKER	90.00	402 4650205	90.00

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				690.00		690.00
7391414	05694	ADVANTEC CONSULTING ENGINEERS	CP16001-ITS EXPANSION PROJECT	4,030.00	217 11TS001924	403.00
					321 11TS001924	3,627.00
				4,030.00		4,030.00
7391415	D3147	AMERICAN PLUMBING SERVICES,INC	NSC-CLEAR DRAIN CLOG	166.25	101 4635402	166.25
7391416	D3188	AMERICAN RED CROSS	LIFEGUARD CLASS(5 STUDENTS)	175.00	101 4642301	175.00
7391417	04190	AMERIPRIDE SERVICES	UNIFORM CLEANINGS	45.54	101 4753209	45.54
			ZELDAS-MATS(6)	635.10	402 4650403	635.10
				680.64		680.64
7391418	05251	AMTECH ELEVATOR SERVICES	08/17-ELEVATOR SERVICE	954.79	101 4632301	257.06
					101 4633301	257.06
					402 4650301	440.67
				954.79		954.79
7391419	08395	ANGEL CITY BREWERY	FOD-KEGS(2)	248.50	101 4681222	248.50
7391420	05179	ARAMARK UNIFORM SVCS	UNIFORM CLEANINGS	130.18	480 4755209	130.18
7391421	04779	ARIES BLASTING	CRACK REPAIR-EQ3775	4,500.00	203 4752207	4,500.00
7391422	06115	ATLANTIC CUSTOM SOLUTIONS INC	FOD-TUMBLERS(2700)	3,972.70	101 2175000	(235.98)
					101 4681222	4,208.68
				3,972.70		3,972.70
7391423	04151	AXES FIRE INC	FIRE CERTIFICATIONS(5)	52.50	101 4100207	10.50
					101 4200207	10.50
					101 4633207	10.50
					101 4761207	10.50
					203 4752207	10.50
				52.50		52.50
7391424	D0879	B'S EMBROIDERY ETC	LMS-UNIFORM HOODIES/HATS	196.01	101 4632209	196.01
7391425	03485	BAKERSFIELD TRUCK CENTER	SURGE TANK KIT-EQ3769	132.71	203 4752207	132.71
7391426	04737	BALLOON FACTORY	BOO-BALLOONS(32)	390.48	101 4684222B	390.48
7391427	01580	BASS, LYNNETTE	10/17-JRP PLAY BRGADE INSTRCTR	1,287.00	101 4643308	1,287.00
			10/17-JRP PRESCHOOL INSTRUCTOR	2,408.25	101 4643308	2,408.25
				3,695.25		3,695.25
7391428	08127	BECKETT PLUMBING	EPL-PIPE REPAIR	475.00	101 4631402	475.00
7391429	06126	BRAVERY BREWING COMPANY, LLC	FOD-KEGS(6)	846.00	101 4681222	846.00

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7391430	08310	CALTERRA GRADING & SITE SVCS	350 E NUGENT-BOARD UP	441.57	306 4542682	441.57
7391431	00382	CARRIER COMMUNICATIONS	10/17-HAUSER MTN SITE RENT	537.78	101 4200350	537.78
7391432	02197	CARROT TOP INDUSTRIES INC	LMS-FLAGS(4)	379.35	101 2175000	(33.66)
					101 4632404	413.01
				<u>379.35</u>		<u>379.35</u>
7391433	03475	CLARK AND HOWARD	TOWING FEES-EQ5668	50.00	101 4633207	50.00
			TOWING FEES-EQ5789	50.00	101 4633207	50.00
				<u>100.00</u>		<u>100.00</u>
7391434	D1545	CLETEHOUSE CAFE, INC	40th ANNIVERSARY CATERING	7,046.92	101 4330251	7,046.92
			FOD-CATERING	17,000.83	101 4681222	17,000.83
				<u>24,047.75</u>		<u>24,047.75</u>
7391435	03552	COASTLINE EQUIPMENT CO	PLATE/SCREENS(6)-EQ3772	473.29	484 4752207	473.29
			GASKETS(2)-EQ3772	48.71	484 4752207	48.71
			CREDIT-GASKET-EQ3772	(32.33)	484 4752207	(32.33)
			GASKETS(2)-EQ3772	16.09	484 4752207	16.09
				<u>505.76</u>		<u>505.76</u>
7391436	08516	CODY, RAYMOND	10/17-SPORTS OFFICIAL	65.00	101 4641308	65.00
7391437	08526	CREAMER, RYAN S.	RC-ASES PANEL PRTCNT-10/10/17	905.32	101 4100201	905.32
7391438	08494	CURTIS, SAMANTHA	RFND-PY CREDIT ON ACCOUNT	68.00	101 2182001	68.00
7391439	A4278	CZARNOCKI, MARIA	RFND-PY CREDIT ON ACCOUNT	104.00	101 2182001	104.00
7391440	04677	D C F SOILS	NSC-TOP SOIL(45 YDS)	771.98	101 4635404	771.98
7391441	08497	DAHL, CRISTINE	RFND-PY CREDIT ON ACCOUNT	34.00	101 2182001	34.00
7391442	08018	DANIELIAN ASSOCIATES INC	08/17-SIERRA HWY DESIGN SVCS	4,050.00	361 4541900	4,050.00
			09/17-SIERRA HWY DESIGN SVCS	450.00	361 4541900	450.00
				<u>4,500.00</u>		<u>4,500.00</u>
7391443	A0925	DESERT HAVEN ENTERPRISES	10/17-JANITORIAL SERVICES	910.00	101 4633301	910.00
7391444	01047	DESERT INDUSTRIAL SUPPLY	NSC-VALVES(3)	716.13	101 4635403	716.13
7391445	08527	DIPRIMA, THOMAS	TD-ASES PANEL PRTCNT-10/10/17	740.51	101 4100201	740.51
7391446	06150	DIRECTV	MOAH-11/17-BUSINESS INFO	78.56	101 4315651	78.56
7391447	08502	DOUGLAS, CASSANDRA	RFND-PY CREDIT ON ACCOUNT	30.00	101 2182001	30.00
7391448	08503	DURON, SHERRIE	RFND-PY CREDIT ON ACCOUNT	55.00	101 2182001	55.00

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7391449	08519	EDINGTON, RHONDA	RFND-PY CREDIT ON ACCOUNT	7.00	101 2182001	7.00
7391450	08509	ELIOPULOS, RULA	RFND-PY CREDIT ON ACCOUNT	34.00	101 2182001	34.00
7391451	06857	ENTERTAINMENTMAX, INC	CMMSSN-OLIVIA N JOHN-10/27/17	3,000.00	402 4650301	3,000.00
7391452	08515	ERUAGA, ADERONKE	RFND-PY CREDIT ON ACCOUNT	10.00	101 2182001	10.00
7391453	08513	ESTRELLA, LYNDA	RFND-PY CREDIT ON ACCOUNT	6.00	101 2182001	6.00
7391454	08512	FARRAND, CINDY	RFND-PY CREDIT ON ACCOUNT	60.00	101 2182001	60.00
7391455	D3240	FASTENAL COMPANY	NSC-SCREWS/BOLTS	12.15	101 4635404	12.15
			NSC-BOLTS(25)	8.11	101 4635404	8.11
				<u>20.26</u>		<u>20.26</u>
7391456	00617	FEDERAL EXPRESS CORPORATION	EXPRESS MAILINGS	88.52	101 4400212	69.00
					306 4542212	19.52
				<u>88.52</u>		<u>88.52</u>
7391457	08498	FERGIONE, KATHY	RFND-PY CREDIT ON ACCOUNT	45.00	101 2182001	45.00
			RFND-PY CREDIT ON ACCOUNT	45.00	101 2182001	45.00
				<u>90.00</u>		<u>90.00</u>
7391458	08508	FERNANDO, FELIX	RFND-PY CREDIT ON ACCOUNT	102.00	101 2182001	102.00
7391459	08520	FINNEGAN, RYAN	10/17-TEEN PRPRDNSS INSTRUCTOR	305.40	101 4643308	305.40
7391460	07124	FIRST AMERICAN DATA TREE, LLC	10/17-PROFESSIONAL SERVICES	500.00	101 4400301	500.00
7391461	08507	FITHIAN, DEZERAY	RFND-PY CREDIT ON ACCOUNT	40.00	101 2182001	40.00
7391462	08511	FOCKLER, JOHN	RFND-PY CREDIT ON ACCOUNT	1.00	101 2182001	1.00
7391463	07096	FOUR SONS BREWING	FOD-KEGS(3)	520.00	101 4681222	520.00
7391464	08506	FRAGOSO, EIVOR	RFND-PY CREDIT ON ACCOUNT	35.00	101 2182001	35.00
7391465	08510	FRANCO, ALMA	RFND-PY CREDIT ON ACCOUNT	34.00	101 2182001	34.00
7391466	08500	FRANK, WOLFI	RFND-PY CREDIT ON ACCOUNT	20.00	101 2182001	20.00
7391467	08518	FREDERICK, MICHAEL	RFND-PY CREDIT ON ACCOUNT	5.00	101 2182001	5.00
7391468	08499	FREDERICK, SHANA	RFND-PY CREDIT ON ACCOUNT	15.00	101 2182001	15.00
7391469	07369	FRONTIER COMMUNICATIONS CORP	10/28-11/27/17-CIRCUIT SVC	367.25	101 4315651	367.25
7391470	08517	GARCIA, BARBARA	RFND-PY CREDIT ON ACCOUNT	55.00	101 2182001	55.00

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7391471	04721	GET TIRES, INC	TIRE-EQ3769	515.09	203 4752207	515.09
7391472	08514	GIVENS, DIANE	RFND-PY CREDIT ON ACCOUNT	20.00	101 2182001	20.00
7391473	D3912	GREEN CHARGE NETWORKS	MOAH-08/17-ELECTRIC SVC	318.07	101 4633652	318.07
7391474	00822	H W HUNTER, INC	PANEL-EQ5658 RECALL-EQ6815	62.20 1,379.17	101 4633207 101 4631207	62.20 1,379.17
				<u>1,441.37</u>		<u>1,441.37</u>
7391475	C4032	HOUSING RIGHTS CENTER	08/17-FAIR HOUSING PROGRAM	3,533.06	361 4541301	3,533.06
7391476	08363	KAMBRIAN CORPORATION	PRIVACY SCREEN FILTERS(3)	653.39	101 4200259	653.39
7391477	D1903	KERN MACHINERY INC-LANCASTER	TBP-OIL	9.33	101 4631404	9.33
7391478	1203	LANCASTER PLUMBING SUPPLY	NSC-REPAIR KITS/O RINGS/WASHRS	231.93	101 4635403	231.93
7391479	D3426	LAW OFFICES CHRISTOPHER RAMSEY	CLAIM #021-15/CLGL-1372A1	7,110.00	109 4330300	7,110.00
7391480	05599	LEE, WATSON W S	10/17-FINGERPRINT ANALYSIS	805.50	101 4820301	805.50
7391481	08525	LI, STELLA	SL-ASES PANEL PRTCNT-10/10/17	525.49	101 4100201	525.49
7391482	04351	LYN GRAFIX	FOD-SHIRTS(850)	9,298.19	101 4681222	9,298.19
7391483	06966	MICHAEL BAKER INT'L INC	CP17003-REVIVE 25 PVMNT MNGMNT	13,699.85	206 12ST036924 209 12ST036924	8,219.92 5,479.93
				<u>13,699.85</u>		<u>13,699.85</u>
7391484	D3578	MINUTEMAN PRESS	CCEA-RIBBONS/POSTER	276.41	491 4370205	276.41
7391485	05773	MORRISON WELL MAINTENANCE	NSC-09/17-BACTERIOLOGICAL TEST	595.00	101 4635301	595.00
7391486	07622	MULLIGAN PALMDALE CORPORATION	CARES-MINIMUM DAY-11/28/17	487.50	101 4670270	487.50
7391487	C9177	MUNISERVICES, LLC	PRPRTY LNK SVC FEE-10/17-11/17 LTC DISCOVERY-09/17	1,250.00 1,013.04	101 4310304 101 4310304	1,250.00 1,013.04
				<u>2,263.04</u>		<u>2,263.04</u>
7391488	07509	NAPA AUTO PARTS	CREDIT-SOLENOID/WPR BLADE	(31.49)	101 4761207	(8.30)
			WIPER BLADES(2)-EQ7769	41.80	203 4752207	(23.19)
			STARTER/CORE DEPOSIT-EQ5768	168.55	101 4761207	41.80
			MANIFOLD SET-EQ3301	33.85	480 4755207	168.55
			OIL/AIR FILTERS-EQ1510	14.44	203 4752207	33.85
			OIL/AIR FILTERS-EQ1743	12.42	480 4755207	14.44
			OIL FILTER-EQ1751	4.40	101 4200207	12.42
			OIL/FUEL/AIR FILTERS-EQ3351	140.59	101 4100207	4.40
					480 4755207	140.59

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			FUEL FILTER-EQ3752	9.13	203 4752207	9.13
			OIL/AIR FILTERS-EQ3760	14.26	203 4636207	14.26
			OIL/AIR FILTERS-EQ3761	14.26	251 4783207	14.26
			AIR FILTERS(4)-EQ3769	42.26	203 4752207	42.26
			OIL/FUEL/AIR FILTERS-EQ3769	130.84	203 4752207	130.84
			OIL/AIR/FUEL FILTERS-EQ3776	107.36	203 4752207	107.36
			OIL FILTER-EQ3831	4.49	203 4752207	4.49
			OIL/FUEL FILTERS-EQ4327	33.53	483 4785207	33.53
			OIL FILTER-EQ4329	3.71	483 4785207	3.71
			OIL/AIR/FUEL FILTERS-EQ4372	130.03	203 4785207	130.03
			OIL/AIR FILTERS-EQ4742	10.26	203 4752207	10.26
			OIL FILTER-EQ5857	3.12	101 4640207	3.12
			OIL/AIR FILTERS-EQ5860	15.52	101 4633207	15.52
			OIL FILTER-EQ7607	3.59	480 4755207	3.59
			OIL FILTER-EQ7765	3.29	480 4755207	3.29
			OIL FILTER-EQ7769	3.45	101 4761207	3.45
			OIL FILTER-EQ3839	3.27	203 4752207	3.27
			MOTOR RESISTOR-EQ3823	22.06	482 4752207	22.06
			HEADER-EQ3301	3.85	203 4752207	3.85
			SOLENOID-EQ3834	23.18	203 4752207	23.18
			CREDIT-WARRANTY-EQ3992	(98.03)	480 4755207	(98.03)
			CRANK CASE FILTER-EQ3779	148.21	480 4755207	148.21
			WIPER BLADES(2)-EQ7769	8.30	101 4761207	8.30
				<u>1,024.50</u>		<u>1,024.50</u>
7391489	D2822	NATIONAL CINEMEDIA, LLC	THEATER ADS-08/18-12/14/17	769.32	101 4640205	128.22
					101 4681222	128.22
					101 4684222B	128.22
					101 4684222C	128.22
					101 4684222M	128.22
					101 4684222S	128.22
				<u>769.32</u>		<u>769.32</u>
7391490	07215	NEWTON, CRAIG	CARES-HSTRCL MUSIC-11/28/17	250.00	101 4670270	250.00
7391491	1443	OMEGA MAINTENANCE, INC	LMS-BLOWER/WEED WHIP REPAIRS	108.80	101 4632230	108.80
7391492	C7808	OPSEC SPECIALIZED PROTECTION	BOO-SECURTY SVC-10/28/17	712.50	101 4684222B	712.50
			FOD-SECURTY SVC-11/3/17	585.44	101 4681222	585.44
				<u>1,297.94</u>		<u>1,297.94</u>
7391493	05741	P P G ARCHITECTURAL FINISHES	PAINT	139.69	203 4752502	139.69
7391494	08521	PACIFIC PLATE BREWING COMPANY	FOD-KEGS(6)	553.00	101 4681222	553.00
7391495	05499	PENSKE TRUCK LEASING CO LP	MOAH-VAN RENTAL-10/30/17	336.73	101 4644603	336.73
7391496	05602	PETROLEUM EQUIPMENT CONST SRV	09/17-DESIGNATED OPERATOR INSP	125.00	101 4753402	125.00
7391497	07074	POCOCK BREWING COMPANY	FOD-KEGS(2)	200.00	101 4681222	200.00

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7391498	06160	PRIME TIME PARTY RENTALS	FOD-TNTS/CHRS/TBLS/WGHTS	2,865.00	101 4681222	2,865.00
7391499	04361	PROTECTION ONE	LMS-11/17 ALARM MONITORING	46.75	101 4632301	46.75
7391500	07363	Q C LOCKSMITH	DOOR REPAIR 1227 PASTURE DR-REKEY LOCKS(9)	85.00 199.75	361 4541776 363 4542770	85.00 199.75
				<u>284.75</u>		<u>284.75</u>
7391501	05864	QUINN COMPANY	COUPLINGS/HOSES-EQ3773 TENSION BELT-EQ3835 HOSES/COUPLINGS-EQ3771	48.17 274.04 93.23	203 4752207 484 4752207 203 4752207	48.17 274.04 93.23
				<u>415.44</u>		<u>415.44</u>
7391502	C4435	ROACH'S TERMITE PEST CONTROL	OMP-09/17 PEST CONTROL SERVICE NSC-08/17 PEST CONTROL SERVICE RDP-09/17 PEST CONTROL SERVICE NSC-10/17 PEST CONTROL SERVICE OMP-10/17 PEST CONTROL SERVICE RDP-10/17 PEST CONTROL SERVICE	190.00 185.00 65.00 185.00 190.00 65.00	101 4634301 101 4635301 101 4634301 101 4635301 101 4634301 101 4634301	190.00 185.00 65.00 185.00 190.00 65.00
				<u>880.00</u>		<u>880.00</u>
7391503	05943	ROBERTSON'S	CONCRETE	163.72	203 4752410	163.72
7391504	A8260	SAGE STAFFING	MB-FINANCE STAFF-10/23-27/17 GK-PUBLIC SFTY STFF-10/23-27/17 SS-PUBLIC SFTY STFF-10/23-27/17	964.88 466.25 335.70	101 4310308 101 4820301 101 4820301	964.88 466.25 335.70
				<u>1,766.83</u>		<u>1,766.83</u>
7391505	08495	SANFORD, CAROLE	RFND-PY CREDIT ON ACCOUNT	5.00	101 2182001	5.00
7391506	08534	SANTA MONICA BREW WORKS, LLC	FOD-KEGS(2)	260.00	101 4681222	260.00
7391507	06664	SEA SUPPLY	NSC-T PPR/FRSHNRS/DSPNSRS	670.52	101 4635406	670.52
7391508	08126	SECURITY DEFENDERS	PARK & RIDE-SEC SVC-10/17	3,468.40	207 4752301	3,468.40
7391509	05934	SHI INTERNATIONAL CORP	NUTANIX SUPPORT-09/17-09/20	42,478.75	101 4315291	42,478.75
7391510	VOID					
7391511	01816	SMITH PIPE & SUPPLY INC	NSC-VALVE/CEMENT/PVC OMP-VALVES/PVC/CEMENT NSC-VALVE/PVC LMS-ROTORS/TRIMEC NSC-VALVES/VALVE REPAIR KITS STP-DRAIN GRATES/BASINS	138.31 402.74 110.23 130.45 422.67 96.95	101 4635404 101 4634404 101 4635404 101 4632404 101 4635404 101 4631404	138.31 402.74 110.23 130.45 422.67 96.95
				<u>1,301.35</u>		<u>1,301.35</u>
7391512	D3733	STOTZ EQUIPMENT	NSC-RETAINER/SCREWS-EQ5999	71.36	101 4634207	71.36

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7391513	05590	STUDIO EQUIPMENT RENTALS INC	OMP-LIFT RENTAL-10/05-06/17 FOD-GENERATOR RNTL-11/04/17	95.00 624.00 <u>719.00</u>	101 4646251 101 4681222	95.00 624.00 <u>719.00</u>
7391514	06763	SUPPLYWORKS	TBP-HAND SOAP	196.42	101 4631406	196.42
7391515	08177	TEKWERKS	SMART CITIES-LABOR-PHS 2	25,000.00	101 4315301	25,000.00
7391516	08087	THE BAYSHORE CONSULTING GROUP	CCEA-10/17-CONSULTING SVCS CCEA-10/17-CONSULTING SVCS CCEA-10/17-CONSULTING SVCS CCEA-10/17-CONSULTING SVCS	2,500.00 2,824.31 2,500.00 2,500.00 <u>10,324.31</u>	491 4370002P 491 4370004T 491 4370005T 491 4370006T	2,500.00 2,824.31 2,500.00 2,500.00 <u>10,324.31</u>
7391517	07706	THE HONEST ABE CIDERY	FOD-KEGS(3)	487.00	101 4681222	487.00
7391518	2009	THE TIRE STORE	TIRES(4)-EQ6808	234.24	101 4810207	234.24
7391519	04239	TIM WELLS MOBILE TIRE SERVICE	SERVICE CALL-EQ3774 SERVICE CALL-EQ3782 VALVES(6)-EQ3394 TIRE/SERVICE CALL-EQ3368 TIRE-EQ5839 REPAIR-EQ3818 TIRES(2)-EQ3820	116.43 95.00 21.35 203.05 151.85 22.00 156.54 <u>766.22</u>	203 4752207 203 4752207 203 4752207 203 4752207 101 4635207 203 4752207 203 4752207	116.43 95.00 21.35 203.05 151.85 22.00 156.54 <u>766.22</u>
7391520	D3099	TPX COMMUNICATIONS	11/17-TELEPHONE SERVICE	10,273.39	101 4315651	10,273.39
7391521	07087	TRANSPLANTS BREWING LLC	FOD-KEGS(6)	585.00	101 4681222	585.00
7391522	08319	TRIPEPI SMITH & ASSOCIATES INC	CCEA-10/17-MARKETING/SALES RET	6,350.00	491 4370205	6,350.00
7391523	D4104	TROUTMAN SANDERS LLP	09/17-CCEA-LEGAL SERVICES	7,035.00	491 4370303	7,035.00
7391524	02977	TURBO DATA SYSTEMS INC	09/17-ADMIN CITATN PROCESSING	2,805.35	101 4310301	2,805.35
7391525	A2124	UNDERGROUND SERVICE ALERT/SC	10/17-TICKETS(223)	377.95	484 4752301	377.95
7391526	C4011	UNITED RENTALS	LMS-GAS CANS(3)	140.40	101 4632404	140.40
7391527	31009	UNIVERSAL ELECTRONIC ALARMS	CDR ST-11/17-SECURITY ALARM MOAH-11/17-FIRE ALARM MTNC YD-11/17-SECURITY ALARM	37.00 27.00 27.00 <u>91.00</u>	101 4633301 101 4651301 203 4752402	37.00 27.00 27.00 <u>91.00</u>
7391528	C7843	URBAN RESTORATION GROUP US INC	DETERGENT/PUMP SPRAYER	3,392.30	203 4752502	3,392.30
7391529	07270	URBAN3	ECONOMIC ANALYSIS RETAINER	21,250.00	101 4315301	21,250.00

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7391530	C2434	VINSA INSURANCE ASSOCIATES	10/16-10/17-GENERAL LIABILITY	434.47	101 4330260	434.47
7391531	C7740	VISION INTERNET PROVIDERS	VISION LIVE SUBSCRIPTIONS	2,283.81	101 4305301	2,283.81
			VISIONLIVE RENEWAL-10/17-09/18	16,700.00	101 4305301	16,700.00
				<u>18,983.81</u>		<u>18,983.81</u>
7391532	04496	VULCAN MATERIAL WESTERN DIV	ASPHALT	416.63	203 4752410	416.63
			ASPHALT	492.51	203 4752410	492.51
			COLD MIX	141.91	203 4752410	141.91
			COLD MIX	283.06	203 4752410	283.06
				<u>1,334.11</u>		<u>1,334.11</u>
7391533	C5433	WADE, RICHARD	CARES-VOLCANO PRESNT-11/28/17	275.00	101 4670270	275.00
7391534	31026	WAXIE SANITARY SUPPLY	TOWELS/T PPR	132.98	203 4752406	132.98
7391535	08496	WEJBE, LORI	RFND-PY CREDIT ON ACCOUNT	31.00	101 2182001	31.00
7391536	C7604	YOUNG CHAMPIONS	10/17-SELF DEFENSE INSTRUCTION	1,126.63	101 4643308	1,126.63
			10/17-SELF DEFENSE INSTRUCTION	1,353.77	101 4643308	1,353.77
				<u>2,480.40</u>		<u>2,480.40</u>
7391537	03154	SO CA EDISON	10/01/17-11/01/17 ELECTRIC SVC	146,552.12	483 4752652	20.85
					483 4755660	146,531.27
				<u>146,552.12</u>		<u>146,552.12</u>
7391538	08329	E C S IMAGING INC	GEO DOCS LICENSES	32,500.00	109 4110302	32,500.00
			LF RIO USERS(60)	100,177.00	109 4110302	100,177.00
				<u>132,677.00</u>		<u>132,677.00</u>
7391539	D3340	ENERGY RESOURCES/CNSRVTN DEVL PRINCIPAL/INT-LOAN #006-10-ECD		67,698.76	101 4330603	67,698.76
7391540		VOID				
7391541	2003	TIP TOP ARBORISTS, INC	VARIOUS TREE TRIMMINGS	985.50	483 4636267	985.50
			VARIOUS TREE TRIMMING/REMOVAL	34,890.00	203 4636267	34,890.00
			VARIOUS TREE TRIMMING/REMOVAL	11,909.50	101 4631267	11,909.50
			VARIOUS TREE TRIMMING/REMOVAL	12,575.50	101 4634267	12,575.50
				<u>60,360.50</u>		<u>60,360.50</u>
7391542	05834	VENCO WESTERN, INC	10/17-PERIMETER AREAS MTNC	24,448.14	203 4636264	24,448.14
			10/17-LMD MAINTENANCE	43,217.02	482 4636402	43,217.02
			10/17-LBP-LANDSCAPE MTNC	3,626.23	482 4636401	3,626.23
				<u>71,291.39</u>		<u>71,291.39</u>
7391543	03672	A T & T	11/17-TELEPHONE SERVICE	28.95	402 4650651	28.95
7391544	03672	A T & T	11/17-TELEPHONE SERVICE	1,308.60	101 4820651	1,308.60

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7391545	A9444	A V COMMUNITY CONCERTS ASSN	ACCT STTLMT-TONY PACE-10/26/17	215.25	101 2107000 402 3405127 402 3405302 402 3405303	1,179.00 (945.00) (7.20) (11.55) <u>215.25</u>
7391546	00107	A V PRESS	PAC-10/17 ADVERTISING	1,698.52	402 4650205	1,698.52
7391547	00107	A V PRESS	10/17-LEGAL ADS	2,930.16	101 4110263 101 4782263 217 11TS001924	1,345.04 671.74 913.38 <u>2,930.16</u>
7391548	01708	BLUE CROSS OF CALIFORNIA	12/17 RETIREE HEALTH INSURANCE	42,257.37	101 2166110 109 1101000	479.33 41,778.04 <u>42,257.37</u>
7391549	D1872	CA WATER ENVIRONMENTAL ASSN	DS-CWEA MEMBERSHIP RENEWAL	180.00	101 4320311	180.00
7391550	C2060	CA WATER SERVICE COMPANY	10/11/17-11/08/17 WATER SVC	260.44	482 4636654	260.44
7391551	3563	CEDAR STREET THEATRE	TCKT PRCDS-LIL MARY SUN-10/17	2,073.61	101 2107000 402 3405127 402 3405302 402 3405303	5,464.00 (2,725.00) (150.59) (514.80) <u>2,073.61</u>
7391552	06659	CENTER STAGE ARTISTS	DEP-STUNT DOG-03/11/18	1,275.00	402 4650318	1,275.00
7391553	00617	FEDERAL EXPRESS CORPORATION	EXPRESS MAILINGS	308.46	101 4315212 101 4620212 306 4542212 402 4650212	19.81 57.90 19.22 211.53 <u>308.46</u>
7391554	D0535	FIELD, ROBERT SR	RF-PR DM-LONG BEACH-12/05-6/17	96.00	480 4755201	96.00
7391555	08117	FIGUEROA, ERIKA	EF-MILAGE-RVERSIDE-10/2-4/17	90.15	491 4370201	90.15
7391556	02108	FRANCHISE TAX BOARD	LEVY PROCEEDS	50.00	101 2159000	50.00
7391557	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	92.59	101 2159000	92.59
7391558	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	100.00	101 2159000	100.00
7391559	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	150.00	101 2159000	150.00
7391560	02108	FRANCHISE TAX BOARD	TAX WITHHOLDING ORDER	240.00	101 2159000	240.00

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7391561	07597	GUARDIAN LIFE INSURANCE CO	12/17 EMPLOYEE LIFE INSURANCE	8,270.55	101 2166200 101 2166300 101 2170215	4,364.32 545.54 3,360.69
				<u>8,270.55</u>		<u>8,270.55</u>
7391562	C8691	HALE, DANTE	DH-PR DM-LONG BEACH-12/5-6/17	96.00	480 4755201	96.00
7391563	01550	KAISER FOUNDATION HEALTH PLAN	12/17 COBRA HEALTH INSURANCE	523.37	101 2166130	523.37
7391564	01550	KAISER FOUNDATION HEALTH PLAN	12/17 RETIREE HEALTH INS	15,923.48	109 1101000	15,923.48
7391565	05422	L A CO SHERIFF'S DEPT	CASE #M-1502-CL-20260	89.55	101 2159000	89.55
7391566	D3448	L A CO SHERIFF'S DEPT	FILE #3631104150058	125.00	101 2159000	125.00
7391567	1214	L A CO SHERIFF'S DEPT	10/17-SPECIAL EVENTS-SOL	2,023.87	101 4820355 101 4820357	1,839.88 183.99
				<u>2,023.87</u>		<u>2,023.87</u>
7391568	1215	L A CO WATERWORKS	20TH W-INSPECTION FEE-CP17011	4,500.00	209 12ST032924	4,500.00
7391569	D2287	LANCASTER CODE ENFRMNT ASSN	UNION DUES-PP 23-2017	300.00	101 2171000	300.00
7391570	08544	MCCLURE, JASON	JM-PR DM-LOS ANGLS-11/27-29/17	160.00	101 4200350	160.00
7391571	05228	METLIFE	12/17 DNTL/VSNDISABILITY INS	48,855.45	101 2166140 101 2166140 101 2166140 101 2166145 101 2166150 101 2166150 101 2166155 101 2166400 101 2166400 101 2166400 101 2166400 101 2166400 101 2166400 101 2166400 109 1101000 109 1101000	(16,723.30) 400.98 33,007.87 1,558.55 35.54 4,282.57 426.48 10.71 17.68 18.90 25.16 25.50 5,441.37 11,086.04 1,545.99 7,695.41
				<u>48,855.45</u>		<u>48,855.45</u>
7391572	C8102	NOGA, ANDREW	AN-PR DM-LOS ANGLS-11/27-29/17	160.00	101 4200350	160.00
7391573	A7221	P E R S LONG TERM CARE PROGRAM	LONG TERM CARE PREM-PP 23-2017	2,147.46	101 2170200	2,147.46
7391574	A7221	P E R S LONG TERM CARE PROGRAM	11/17-RETIREE LONG TERM CARE	3,161.43	109 1101000	3,161.43

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7391575	1642	PARACLETE HIGH SCHOOL	TCKT PRCDS-T LAWRENCE-10/29/17	12,296.91	101 2107000 402 3405100 402 3405127 402 3405300 402 3405302 402 3405303 402 3405304	12,940.00 2,265.00 (1,155.00) (700.00) (440.64) (582.45) (30.00) <u>12,296.91</u>
7391576	03154	SO CA EDISON	10/04/17-11/13/17 ELECTRIC SVC	1,366.94	101 4633652 482 4636652 483 4785652 485 4755652	46.96 96.28 51.38 1,172.32 <u>1,366.94</u>
7391577	A1393	TEAMSTERS LOCAL 911	11/17 UNION DUES	3,942.00	101 2157000	3,942.00
7391578	C2555	TIME WARNER CABLE	11/14-12/13/17-BROADBAND SVC	144.99	101 4820651	144.99
7391579	06209	WAGeworks	07/17-FSA ADMIN FEES	445.99	101 2170213 101 2170213 101 2170214	38.97 383.28 23.74 <u>445.99</u>
7391580	06209	WAGeworks	08/17-FSA ADMIN FEES	445.99	101 2170213 101 2170213 101 2170214	38.97 383.28 23.74 <u>445.99</u>
7391581	02071	A G SOD FARMS INC	RDP-SOD	1,540.59	101 4634404	1,540.59
7391582	00105	A V FLORIST	SOL-FLORAL ARRANGEMENT	250.00	101 4684222S	250.00
7391583	03854	A V JANITORIAL SUPPLY	FOD-TWLS/URINAL SCREEN/FRSHNR LMS-FRSHNR DSPNSR/FRSHNR	478.52 396.39 <u>874.91</u>	101 4681222 101 4631406	478.52 396.39 <u>874.91</u>
7391584	00498	A V SPORTS & GRAPHICS	BEANIES(24)	434.02	101 4641209	434.02
7391585	01058	A V TROPHY & UNIFORM CO	EPL-UNIFORM SHIRTS(50)	375.04	101 4642209	375.04
7391586	06294	A V WEB DESIGNS	NSC-11/17-MONTHLY HOSTING CHGS PAC-11/17-MONTHLY HOSTING CHGS	99.95 99.95 <u>199.90</u>	101 4660301 402 4650301	99.95 99.95 <u>199.90</u>
7391587	06123	ACE AIR CONDITIONING & HEATING	LMS-REFRIDGERATOR REPAIR	520.00	101 4632402	520.00
7391588	05445	ADELMAN BROADCASTING, INC	PAC-10/17 ADS-PLUMB PAC-10/17 ADS-PLUMB	60.00 480.00	402 4650205 402 4650205	60.00 480.00

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			FOD-10/17 ADS	1,150.00	101 4681222	640.00
					101 4810205	510.00
			FOD-10/17 ADS	1,350.00	101 4681222	750.00
					101 4810205	600.00
			PAC-10/17 ADS-LIV ON	480.00	402 4650205	480.00
			PAC-10/17 ADS-M GRANDINETTI	360.00	402 4650205	360.00
			PAC-10/17 ADS-M GRANDINETTI	60.00	402 4650205	60.00
			PAC-11/17 ADS-M GRANDINETTI	120.00	402 4650205	120.00
				<u>4,060.00</u>		<u>4,060.00</u>
7391589	05694	ADVANTEC CONSULTING ENGINEERS	LED STOP SIGN	5,740.00	101 4785301	5,740.00
7391590	A8442	ALBERT GROVER & ASSOCIATES	CITYWIDE INTERACTIVE AERIAL MAP	300.00	101 4785301	300.00
7391591	08371	ALOSTA BREWING CO	FOD-KEGS(5)	390.00	101 4681222	390.00
7391592	D3147	AMERICAN PLUMBING SERVICES,INC	LMS-BACKFLOW TEST	105.65	101 4632402	105.65
7391593	D3517	AMERICASPRINTER.COM	MOAH-CATALOGS(2500)	1,817.74	101 4644205	1,817.74
7391594	04190	AMERIPRIDE SERVICES	UNIFORM CLEANINGS	81.53	101 4753209	81.53
			UNIFORM CLEANINGS	52.33	101 4753209	52.33
				<u>133.86</u>		<u>133.86</u>
7391595	02693	ANDY GUMP, INC	RDP-FENCE RNTL-11/03-30/17	33.51	101 4634602	33.51
			BOO-FENCE RNTL-10/27-31/17	806.39	101 4684222B	806.39
				<u>839.90</u>		<u>839.90</u>
7391596	C3896	ARC LIGHT EFX, INC	PAC-LIGHTING EQUIPMENT	752.53	402 4650602	752.53
7391597	05187	ATKINSON MASONRY	CLARK COURT-WALL/FENCE RPRS	23,100.00	482 4636462	23,100.00
7391598	08380	BARRERA, RICARDO	FOD-FOOD VENDOR-11/04/17	628.53	101 4681222	628.53
7391599	D4110	BIRDIES DRIVING RANGE	CARES-YOUTH GOLF/SNCK-11/28/17	600.00	101 4670270	600.00
7391600	05129	C P S CARE PEST SOLUTIONS	LMS-10/17 PEST CONTROL	250.00	101 4632301	250.00
7391601	D1406	CA SCHOOL-AGE CONSORTIUM	YOUTH SUPERVISION-10/14/17	350.00	101 4670308	350.00
7391602	05412	CA SHOPPING CART RETRIEVAL	10/17-SHOPPING CART RETRIEVAL	1,652.00	203 4751402	1,652.00
7391603	02197	CARROT TOP INDUSTRIES INC	FLAG REPLACEMENTS(12)	899.68	101 4633404	899.68
7391604	05938	CENTERSTAGING LLC	PAC-EQUIPMENT RENTAL-10/15/17	1,437.00	402 4650602	1,437.00
			PAC-EQUIPMENT RENTAL-10/27/17	880.00	402 4650602	880.00
				<u>2,317.00</u>		<u>2,317.00</u>
7391605	D2557	CHARLES P CROWLEY COMPANY, INC	CHAMBER STACK KIT	994.33	485 4755294	994.33

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7391606	A3106	CHICAGO TITLE COMPANY	PRELIMINARY TITLE REPORT FEE	1,666.67	361 4541900	1,666.67
7391607	08484	CONSOLIDATED ELECTRCL DIST INC	NSC-LIGHT BULBS(14)	275.31	101 4635404	275.31
			NSC-CONCRETE LID	60.69	101 4635404	60.69
			NSC-LIGHT BULBS(80)	548.60	101 4635403	548.60
				<u>884.60</u>		<u>884.60</u>
7391608	05789	CORE & MAIN LP	OMP-MAIN LINE REPAIR	136.33	101 4634404	136.33
7391609	05147	CROSSTOWN ELECTRICAL & DATA	AVE J/53RD W-POLE REPLACEMENT	4,350.00	483 4755460	4,350.00
7391610	A9377	DAVIS COMMUNICATIONS	SHOP MORE IN LANCASTER-ARTWORK	255.00	101 4305205	255.00
			MADE IN LANCASTER-LOGO ARTWORK	493.92	101 4305205	493.92
			10/17-YOLO-WEB SUPPORT/MAINT	850.00	306 4542355	850.00
			40TH ANNIVERSARY GATEFOLD	2,829.21	101 4305301	2,829.21
			WINTER 2017 OUTLOOK	12,213.27	101 4305301	12,213.27
				<u>16,641.40</u>		<u>16,641.40</u>
7391611	03311	DELTA LIQUID ENERGY	PROPANE(37.52 GALS)	67.38	203 4752217	67.38
7391612	D2290	DEPT OF HOUSING & COMM DEV	2017/2018 MHP PERMIT FEES	9,525.00	101 2179000	9,525.00
7391613	01047	DESERT INDUSTRIAL SUPPLY	SELF DRILLING SCREWS	13.07	101 4633403	13.07
7391614	00414	DESERT LOCK COMPANY	LMS-LOCK REPAIR	90.00	101 4632402	90.00
			CH-KEYS(12)	29.57	101 4633403	29.57
				<u>119.57</u>		<u>119.57</u>
7391615	05613	DESIGN SPACE MODULAR BUILDINGS	10/17-MTNC YD-MODULAR BUILDING	288.45	101 4306303	288.45
			11/17-MTNC YD-MODULAR BUILDING	289.11	101 4306303	289.11
				<u>577.56</u>		<u>577.56</u>
7391616	D2243	DOUBLE D CUPCAKES	40TH ANNIVERSARY-CUPCAKES(250)	812.50	101 4305205	812.50
7391617	08052	ELERT & ASSOC NETWORK DIV INC	10/17-CONSULTING SERVICES	1,402.50	109 4315301	1,402.50
7391618	06857	ENTERTAINMENTMAX, INC	COMMSSN-M GRANDINETTI-11/3/17	750.00	402 4650308	750.00
			CMMSSN-WAR TIME RADIO-11/10/17	500.00	402 4650301	500.00
				<u>1,250.00</u>		<u>1,250.00</u>
7391619	08543	ESQUIVEL-MORENO, JESSICA	RFND-RNTL DEP-MOAH-11/04/17	50.00	101 2182001	50.00
7391620	06380	EWING IRRIGATION PRODUCTS, INC	FOD-PAINT	71.84	101 4681222	71.84
7391621	D1793	FISH WINDOW CLEANING	MOAH-WINDOW CLEANING	985.00	101 4633301	985.00
			LMS-WINDOW CLEANING	720.00	101 4681222	720.00
			PAC-WINDOW CLEANING-11/07/17	236.00	402 4650402	236.00
				<u>1,941.00</u>		<u>1,941.00</u>

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7391622	A8286	FLAG SYSTEMS	PAC-SOUND EQPMNT RNTL-11/10/17	2,550.00	402 4650602	2,550.00
			PAC-SOUND EQPMNT RNTL-11/11/17	2,750.00	402 4650602	2,750.00
				<u>5,300.00</u>		<u>5,300.00</u>
7391623	07665	FRONTIER ENERGY INC	LCE-10/17-PROFESSIONAL SVCS	883.00	490 4370301	589.97
					490 4370319	293.03
				<u>883.00</u>		<u>883.00</u>
7391624	03430	GRAINGER	SAFETY GLASSES	6.64	101 4753209	6.64
7391625	07268	HIGH DESERT BROADCASTING	FOD-10/17-ADVERTISING	208.00	101 4681222	208.00
			FOD-10/17-ADVERTISING	208.00	101 4681222	208.00
			FOD-11/17-ADVERTISING	780.00	101 4681222	780.00
			FOD-11/17-ADVERTISING	780.00	101 4681222	780.00
				<u>1,976.00</u>		<u>1,976.00</u>
7391626	C9535	HILLYARD/LOS ANGELES	PAC-CAN LINERS/TOWELS	1,091.52	402 4650406	1,091.52
7391627	00828	HINDERLITER, DELLAMAS & ASSOC	2ST QTR 2017-SALES TAX	391.67	101 4310304	391.67
7391628	C4032	HOUSING RIGHTS CENTER	09/17-FAIR HOUSING PROGRAM	3,163.96	361 4541301	3,163.96
7391629	08053	IRWIN ARCHITECTURAL GROUP INC	10/17-PROFESSIONAL SERVICES	1,434.22	361 4541900	1,434.22
7391630	D4004	J P POOLS	EPL-CONSULTING/SERVICE	800.00	101 4631670	800.00
			WPL-CONSULTING/SERVICE	700.00	101 4631670	700.00
			TBP-SPLASH PAD MAINTENANCE	1,120.00	101 4631670	1,120.00
			TBP-SPLASH PAD CHEMCIALS	2,340.00	101 4631670	2,340.00
			TBP-SPLASH PAD CHEMICALS/RPRS	465.00	101 4631670	465.00
				<u>5,425.00</u>		<u>5,425.00</u>
7391631	04476	J T B SUPPLY INC	STREET SIGNAL LED LIGHTS(1130)	45,141.38	483 4785461	45,141.38
7391632	01419	JOHNSTONE SUPPLY	MOAH-PC BOARD CONTROL KIT	215.77	101 4633403	215.77
			ZIP TIES(6 PACKS)	39.35	101 4633404	39.35
				<u>255.12</u>		<u>255.12</u>
7391633	06096	KERN TURF SUPPLY INC	WCP-PUMP MAINTENANCE	680.00	101 4631402	680.00
			AHP-PUMP MAINTENANCE	680.00	101 4631402	680.00
				<u>1,360.00</u>		<u>1,360.00</u>
7391634	1241	L A CO TAX COLLECTOR	MOAH-3134009031 17/18 PRP TAX	4,951.55	101 4644416	4,951.55
7391635	C7873	LANCASTER AUTO MALL ASSOC	11/17-AUTO MALL SIGN EXPENSES	930.67	101 4540340	930.67
7391636	A7680	LANCASTER JETHAWKS	FOD-VIP PARKING(164)	820.00	101 4681222	820.00
7391637	08387	LOOMIS	10/17-ARMORED CAR SERVICE	2,136.35	101 3501110	2,136.35

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7391638	08202	LOS ANGELES TIMES	ONLINE CLASSIFIED LISTINGS	1,720.00	361 4541263	1,720.00
7391639	04351	LYN GRAFIX	UNIFORM JACKET EMBROIDERY	10.95	101 4680225	10.95
7391640	06663	MASON, MELINDA	SOL-PHOTOGRAPHY SVCS	100.00	101 4305301	100.00
			HEALTH FAIR-PHOTOGRAPHY SVCS	50.00	101 4305301	50.00
			BOO-PHOTOGRAPHY SVCS	175.00	101 4305301	175.00
			FOD-PHOTOGRAPHY SVCS	175.00	101 4305301	175.00
				<u>500.00</u>		<u>500.00</u>
7391641	02270	MELDON GLASS	CDR ST-WINDOW REPLACEMENT	85.00	101 4651403	85.00
7391642	D3578	MINUTEMAN PRESS	VETERAN BREAKFAST INVITES(60)	78.04	101 4305205	78.04
			LCE-00N1 WEEK 108 NOTICES	220.41	490 4370213	220.41
			LCE-00N2 WEEK 108 NOTICES	162.02	490 4370213	162.02
				<u>460.47</u>		<u>460.47</u>
7391643	C8944	MSC INDUSTRIAL SUPPLY CO	WSHRS/SCRWS/NUTS/PINS	414.22	101 4753214	414.22
7391644	06543	MURREN, JAMES	11/17-PARKING HEARINGS	50.00	101 4810301	50.00
			11/17-ADMIN HEARINGS	100.00	101 4545301	100.00
				<u>150.00</u>		<u>150.00</u>
7391645	07560	O'BRYANT ELECTRIC INC	LMS-LIGHTING REPAIRS	840.00	101 4632402	840.00
7391646	1443	OMEGA MAINTENANCE, INC	OMP-CHAINSAW REPAIRS	135.08	101 4634230	135.08
7391647	05741	P P G ARCHITECTURAL FINISHES	LMS-PAINT/TAPE/SCRAPER	214.19	101 4632404	214.19
			MOAH-PAINT/TAPE	131.33	101 4644251	131.33
			NSC-FIELD PAINT	1,398.03	101 4635404	1,398.03
			NSC-FIELD PAINT	99.35	101 4635404	99.35
				<u>1,842.90</u>		<u>1,842.90</u>
7391648	06681	PACIFIC ENERGY ADVISORS, INC	10/17-CCEA CONSULTING SERVICES	10,000.00	491 4370006T	10,000.00
7391649	C3613	PACIFIC ENVIRONMENTAL	ASBESTOS SURVY-1227 PASTEUR DR	1,520.00	363 4542770	1,520.00
7391650	07249	PATRIOT PLUMBING	PAC-BACKFLOW REPAIRS	110.00	402 4650403	110.00
7391651	05998	PAVING THE WAY FOUNDATION	CMMNTY SPPRT/GOOD CTZNSHP PRGM	500.00	399 4820776	500.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	5,500.00	101 4820301	5,500.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	1,968.00	399 4820776	1,968.00
			CMMNTY SPPRT/GOOD CTZNSHP PRGM	1,000.00	399 4820776	1,000.00
				<u>8,968.00</u>		<u>8,968.00</u>
7391652	05499	PENSKE TRUCK LEASING CO LP	MOAH-VAN RENTAL-10/27-28/17	667.35	101 4644603	667.35
7391653	05602	PETROLEUM EQUIPMENT CONST SRV	10/17-DESIGNATED OPERATOR INSP	570.67	101 4753402	570.67

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7391654	05532	PLAYPOWER LT FARMINGTON INC	TBP-SWING SEATS/LABELS	482.88	101 4631404	482.88
7391655	07287	PRINTING BOSS	FOD-BANNER	359.43	101 4681222	359.43
			BOO-BANNERS(3)	242.90	101 4684222B	242.90
			INCUBATOR DECAL	124.55	101 4636402	124.55
			FOD-SIGNS(24)	216.32	101 4681222	216.32
				<u>943.20</u>		<u>943.20</u>
7391656	04361	PROTECTION ONE	LMS-09/17 ELEVATOR MONITORING	33.77	101 4632301	33.77
			LMS-11/17 ELEVATOR MONITORING	33.77	101 4632301	33.77
				<u>67.54</u>		<u>67.54</u>
7391657	08059	QUICK RESPONSE FIRE PROTECTION	OMP-ANNUAL FIRE SPRINKLER CERT	750.00	101 4634301	750.00
7391658	05943	ROBERTSON'S	CONCRETE	245.59	203 4752410	245.59
7391659	D3947	S G A CLEANING SERVICES	LMS-PRESSURE WASH CONCOURSE	325.00	101 4632402	325.00
			LMS-PRESSURE WASH GREEN PADS	485.00	101 4681222	485.00
			AHP-GRAFFITI REMOVAL	365.00	101 4631402	365.00
			JRP-PLUMBING/ELECTRICAL REPAIR	285.00	101 4631402	285.00
			PBP-GATE REPAIR	345.00	101 4631402	345.00
			LMS-PRESSURE WASH CONCRETE	265.00	101 4681222	265.00
				<u>2,070.00</u>		<u>2,070.00</u>
7391660	03962	SAFETY KLEEN	HAZ WASTE PARTS WASHER	141.41	101 4753657	141.41
7391661	A8260	SAGE STAFFING	MB-FINANCE STAFF-10/30-11/3/17	900.94	101 4310308	900.94
			GK-PUBLIC SFTY-10/30-11/3/17	354.35	101 4820301	354.35
			SS-PUBLIC SFTY-10/30-11/3/17	410.30	101 4820301	410.30
				<u>1,665.59</u>		<u>1,665.59</u>
7391662	06606	SARGENT TOWN PLANNING INC	PROFESSIONAL SVC-5/10-10/30/17	21,841.10	206 15ST058924	21,841.10
7391663	1894	SIGNS & DESIGNS	NH-NAMEPLATE	17.88	203 4785259	17.88
7391664	08538	SILVESTRE, BARBARA	10/17-SEWING INSTRUCTOR	129.00	101 4643308	129.00
			10/17-COLORING INSTRUCTOR	60.00	101 4643308	60.00
				<u>189.00</u>		<u>189.00</u>
7391665	5210	SLATER PIANO SERVICE	PAC-PIANO TUNING	100.00	402 4650301	100.00
7391666	01816	SMITH PIPE & SUPPLY INC	LMS-ROTORS/VALVES/PVC	554.27	101 4632404	554.27
			OMP-ROTORS(2)	304.81	101 4634404	304.81
			PBP-ROTORS(12)	339.67	101 4631404	339.67
			AHP-BUBBLERS/FITTINGS	287.12	101 4631404	287.12
			JRP-SOLENOID ASSYS/VALVE	253.31	101 4631404	253.31
			OMP-ROTOR/PVC CUTTER/PVC	229.65	101 4634404	229.65
			AHP-BUBBLERS/PVC	89.93	101 4631404	89.93
			LUC-VALVE/PVC/COUPLINGS	264.50	101 4633404	264.50

City of Lancaster Check Register



From Check No.: 7390735 - To Check No.: 7391691

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:40

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
				2,323.26		2,323.26
7391667	02901	STAPLES ADVANTAGE	FRAME CASTERS(25) MOD PANELS(10)	3,065.73 4,182.79 <u>7,248.52</u>	480 4755291 480 4755291	3,065.73 4,182.79 <u>7,248.52</u>
7391668	05413	STATEWIDE TRAFFIC SAFETY/SIGNS	STEEL RIVETS/ROLL BANDS/BUCKLS	2,294.85	203 4785455	2,294.85
7391669	D2143	STREAMLINE AUDIO VISUAL, INC	AUDIO EQPMNT RNTL-11/01/17 AUDIO SYSTEM RNTL-11/01/17	136.00 275.00 <u>411.00</u>	402 4650602 402 4650602	136.00 275.00 <u>411.00</u>
7391670	05703	SUPERIOR ALARM SYSTEMS	11/17-MONTHLY MONITORING	45.00	101 4633301	45.00
7391671	06763	SUPPLYWORKS	FOD-GLOVES	61.29	101 4681222	61.29
7391672	08479	THE DUDES' BREWING COMPANY LLC	FOD-KEGS(3)	480.00	101 4681222	480.00
7391673	A9195	THE WILD ROSE	40TH ANNV-CENTERPIECES(24)	675.80	101 4305205	675.80
7391674	C5522	THOMSON REUTERS-WEST PMT CENT	10/17-INFORMATION CHARGES 10/17-INFORMATION CHARGES	278.61 794.69 <u>1,073.30</u>	101 4820301 101 4545301	278.61 794.69 <u>1,073.30</u>
7391675	A7308	THREE ROSES CATERING	PAC-CATERING-11/01/17 PAC-CATERING-11/11/17	182.33 165.40 <u>347.73</u>	402 4650257 402 4650257	182.33 165.40 <u>347.73</u>
7391676	D3644	TRAFFIC MANAGEMENT INC	FOG SEAL-ROAD CLOSURE MOBILZTN	3,037.00	206 12ST037924	3,037.00
7391677	02977	TURBO DATA SYSTEMS INC	10/17-PARKNG CITATN PROCESSING 10/17-ADMIN CITATN PROCESSING	6,951.15 2,332.35 <u>9,283.50</u>	101 4810301 101 4310301	6,951.15 2,332.35 <u>9,283.50</u>
7391678	31009	UNIVERSAL ELECTRONIC ALARMS	CDR ST-09/17-SECURITY ALARM MOAH-09/17-SECURITY ALARM MTNC YD-09/17-SECURITY ALARM MOAH-09/17-FIRE ALARM MTNC YD-09/17-FIRE ALARM NSC-ALARM INSTALL OMP-ALARM INSTALL MTNC YD-11/17-FIRE ALARM TBP-11/17-SECURITY ALARM STP-11/17-SECURITY ALARM NSC-11/17-SECURITY ALARM OMP-11/17-SECURITY ALARM PAC-FIRE ALARM UPDATES PAC-11/17-FIRE ALARM	37.00 27.00 27.00 27.00 27.00 647.50 647.50 27.00 27.00 27.00 27.00 27.00 27.00 27.00 27.00 389.00 56.00 <u>2,020.00</u>	101 4633301 101 4633301 203 4752402 101 4633301 203 4752402 101 4635301 101 4634301 203 4752402 101 4631301 101 4631301 101 4635301 101 4634301 402 4650301 402 4650301	37.00 27.00 27.00 27.00 27.00 647.50 647.50 27.00 27.00 27.00 27.00 27.00 27.00 27.00 389.00 56.00 <u>2,020.00</u>

City of Lancaster Check Register



From Check No.: 7390735 - To Check No.: 7391691

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:40

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
7391679	06076	V S S EMULTECH	FOG SEAL-SPREAD	3,962.20	206 12ST036924	3,962.20
			FOG SEAL-SPREAD	5,207.84	206 12ST036924	5,207.84
			FOG SEAL-SPREAD	4,077.54	206 12ST036924	4,077.54
				<u>13,247.58</u>		<u>13,247.58</u>
7391680	05834	VENCO WESTERN, INC	LMD IRRIGATION REPAIRS	588.34	482 4636404	588.34
7391681	D3370	VERIZON WIRELESS	10/17-WIRELESS SERVICE	1,530.79	101 4310651	1,530.79
7391682	C2434	VINSA INSURANCE ASSOCIATES	17/18-CSAC UST PROGRAM POLICY	1,129.15	101 4330260	1,129.15
7391683	04496	VULCAN MATERIAL WESTERN DIV	ASPHALT	281.42	203 4752410	281.42
			COLD MIX	105.89	203 4752410	105.89
			ASPHALT/BUCKET	256.23	203 4752410	256.23
			COLD MIX	202.58	203 4752410	202.58
			ASPHALT	187.25	203 4752410	187.25
			COLD MIX	118.15	203 4752410	118.15
				<u>1,151.52</u>		<u>1,151.52</u>
7391684	06146	W A THOMPSON DISTRIBUTING CO	SOL-KEGS(4)	687.00	101 4684222S	687.00
			SOL-KEG RETURN(2)	1,250.00	101 4684222S	1,250.00
			SOL-KEG RETURN(4)	(120.00)	101 4684222S	(120.00)
			SOL-KEG RETURN(2)	(1,200.00)	101 4684222S	(1,200.00)
			FOD-KEGS/BOTTLES	6,295.20	101 4681222	6,295.20
			FOD-KEGS(9)	5,625.00	101 4681222	5,625.00
			FOD-KEG RETURNS(9)	(5,400.00)	101 4681222	(5,400.00)
			FOD-KEG RETURNS(25)	(750.00)	101 4681222	(750.00)
			FOD-KEG RETURNS(8)	(1,456.00)	101 4681222	(1,456.00)
				<u>4,931.20</u>		<u>4,931.20</u>
7391685	31026	WAXIE SANITARY SUPPLY	FLOOR SWEEPER	204.25	101 4633406	204.25
			T PPR/TWLS/HAND SOAP	1,056.98	101 4633406	1,056.98
				<u>1,261.23</u>		<u>1,261.23</u>
7391686	05806	WEST COAST SAFETY SUPPLY CO	HARNESS/STEEL WIRE/BUCKLE LEGS	3,025.08	251 4783209	246.37
					251 4783209	2,778.71
			MTNC YD-PLACARD KITS(2)	69.23	480 4755470	69.23
				<u>3,094.31</u>		<u>3,094.31</u>
7391687	D2896	WHITE NELSON DIEHL EVANS LLP	FY16/17-INTERIM AUDIT	21,500.00	101 4310304	21,500.00
7391688	04053	WITT'S PRINT & OFFICE SUPPLY	DESK LIGHT	42.41	490 4370259	42.41
7391689	2400	XEROX CORPORATION	10/17-COPIER LEASE-GYA 112199	2,029.85	101 4310254	2,029.85
7391690	01708	BLUE CROSS OF CALIFORNIA	12/17 EMPLOYEE HEALTH INS	114,137.80	101 2166110	77,745.48
					101 2166120	27,107.74
					109 1101000	9,284.58
				<u>114,137.80</u>		<u>114,137.80</u>

City of Lancaster Check Register



From Check No.: 7390735 - To Check No.: 7391691

From Check Date: 10/15/17 - To Check Date: 11/25/17

Printed: 11/27/2017 14:40

Check No	Supplier	Supplier Name	Invoice Description	Invoice Amt	Charge Code	GL Amount
7391691	01550	KAISER FOUNDATION HEALTH PLAN	12/17 EMPLOYEE HEALTH INS	185,455.52	101 2166130	185,455.52

Chk Count 957

Check Report Total 7,834,491.32

STAFF REPORT
City of Lancaster

CC 3
12/12/17
MVB

Date: December 12, 2017
To: Mayor Parris and City Council Members
From: Pam Statsmann, Finance Director
Subject: **Monthly Report of Investments – October 2017**

Recommendation:

Accept and approve the October 2017 Monthly Report of Investments as submitted.

Fiscal Impact:

None

Background:

Each month, the Finance Department prepares a report listing the investments for all separate entities under the jurisdiction of the City as identified in the City’s Comprehensive Annual Financial Report.

Portfolio Recap

Yield:

	<u>October 2017</u>	<u>September 2017</u>
Total Portfolio	1.08%	1.06%
Local Agency Investment Fund	1.14%	1.07%
Total Portfolio Balance:	\$58,706,470	\$63,351,388

The portfolio balance decreased slightly from September to October due to large progress payments on capital projects and debt service payments. Significant revenues for October include \$1,425,200 of Sales and Use Tax, \$595,542 of funds from METRO (Prop A, Prop C, and Measure R), and \$455,457 of Franchise Fees. Some of the larger expenditures include \$5,186,676 to Energy America’s for the purchase of energy, \$2,103,512 to LA County Sheriff for law enforcement services, and \$1,456,932 to Granite Construction for progress payments on Pavement Management Revive 25.

The City's temporary idle cash, those funds that are not immediately needed to pay current bills and not governed by bond indentures or bond resolutions, is invested in accordance with the City's adopted Investment Policy. This policy is reviewed regularly by the City Council, with the latest policy adopted January 13, 2015, by Resolution No. 15-02.

The City's cash management system is designed to accurately monitor and forecast expenditures and revenues, thus enabling the City to invest funds to the fullest extent possible within the guidelines of this Investment Policy. The City attempts to achieve the highest yield obtainable through a diversified portfolio only after meeting the criteria established for safety and liquidity in that order. The principal investment objectives of the City are:

1. Preservation of capital and protection of investment principal;
2. Maintenance of sufficient liquidity to meet anticipated cash flows;
3. Attainment of a market rate of return;
4. Diversification to avoid incurring unreasonable market risks, and;
5. Compliance with the City's Municipal Code and with all applicable City resolutions, California statutes and Federal regulations.

The City's portfolio is a short-term and intermediate-term fixed income portfolio. The maximum maturity of any investment is 5 years, with consideration of anticipated cash flow requirements and known future liabilities. The City contracts with an investment advisory service (Insight Investment) to assist in the effort to maximize the returns of the City portfolio. The City's investments include publicly traded Treasury notes, Treasury Bills, Federal Agency Investments, Time Deposits, and Local Agency Investment Fund (LAIF) under the auspices of the State Treasurer for investment. Funds invested in LAIF are available within 24 hours, and other investments are available upon maturity at full face value. These investments enable the City to meet its expenditure requirements for the next six months, as required by state law.

The City's investment procedures are governed by Sections 53600 et. seq. of the California Government Code. Additional requirements have been placed on the City's authorized investments by the Investment Policy (a copy is available in the Finance Department or from the City Clerk), and all investments listed on the attached report adhere to these requirements.

PS:TH

Attachment:

Monthly Report of Investments

**ATTACHMENT A
CITY OF LANCASTER
MONTHLY REPORT OF INVESTMENTS
October 31, 2017**

	Interest Rate	Amount	Total
<u>City of Lancaster</u>			
Wells Fargo Bank			
City of Lancaster Account (note 1)	0.00%	\$2,119,230	
Certificate of Deposit	0.10%	\$100,000	
			\$2,219,230
Bank of America			
Certificate of Deposit	0.05%	\$100,000	
			\$100,000
U S Bank - Safekeeping (note 2)			
Commercial Paper	0.00%	\$0	
US Treasury Notes	1.34%	\$7,076,156	
Federal Government Agencies	1.18%	\$21,177,896	
Corporate Securities	0.76%	\$6,986,713	
Cash & Equivalents	0.00%	\$82,419	
			\$35,323,183
California Bank & Trust			
Certificate of Deposit	0.01%	\$100,000	
			\$100,000
Chase Bank			
Certificate of Deposit	0.01%	\$150,904	
			\$150,904
Mission Bank			
Certificate of Deposit	0.20%	\$201,075	
			\$201,075
Local Agency Investment Fund (L.A.I.F.)	1.14%	\$18,042,545	\$18,042,545
Total City of Lancaster			\$56,136,938
<u>Successor Agency for the Lancaster Redevelopment Agency</u>			
Local Agency Investment Fund (L.A.I.F.)	1.14%	\$2,569,533	\$2,569,533
Total Lancaster Successor Agency			\$2,569,533
Total Pooled Portfolio (note 3)			\$58,706,470
Weighted Average	1.08%		

**ATTACHMENT A
CITY OF LANCASTER
MONTHLY REPORT OF INVESTMENTS
October 31, 2017**

	Interest Rate	Amount	Total
Wilmington Trust			\$4,440,112
Lancaster Choice Energy LockBox Account	0.00%	\$4,440,112	
The Bank of New York Mellon Trust Company, N.A.			\$1,483,822
LRA & LA County Escrow Account - Government Bonds	0.00%	\$1,483,822	
US Bank			\$10,853,477
CFD 89-1 1990 Special Bonds	0.11%	\$3	
LFA CFD 89-1 1997 Special Bonds	0.25%	\$1,695	
LFA L O BONDS 1997 SERIES A & B	0.25%	\$267,666	
AD 93-3 1994 Limited Improvement Bonds	0.25%	\$454,643	
LRA Combined 2004 Fire Protection Facilities Project Bonds	0.25%	\$832,415	
LRA Combined 2004 Sheriff Facilities Prjct Refunding Bonds	0.25%	\$1,776,569	
LRA Public Capital Facilities 2010 Project Lease Revenue Bonds	0.25%	\$415,277	
LPA Solar Renewable Energy Issue of 2012A	0.25%	\$3,096,361	
SA Combined Project Areas Refunding Bonds 2015A & B	0.25%	\$463,973	
SA Combined Project Areas Refunding Bonds 2016 A-1 & A-2	0.24%	\$1,058,046	
SA Combined Project Areas Refunding Bonds 2016B	0.32%	\$936,642	
LFA 2016 Assessment Revenue Bonds (Streetlights Acquisition)	0.00%	\$406,149	
SA 2017 Tax Allocation Revenue Bonds (TARB)	0.00%	\$1,144,039	
Total Restricted Cash/Investments Held in Trust		<u><u>\$10,853,477</u></u>	
Total Restricted Cash/Investments Held in Trust (note 4)			<u><u>\$16,777,410</u></u>

All investments are authorized pursuant to and consistent with the investment policy of the City of Lancaster. Policy adopted 01/13/2015 under resolution number 15-02.

Pamela Statsmann
Finance Director

City of Lancaster
Cash Balances by Fund
October 31, 2017

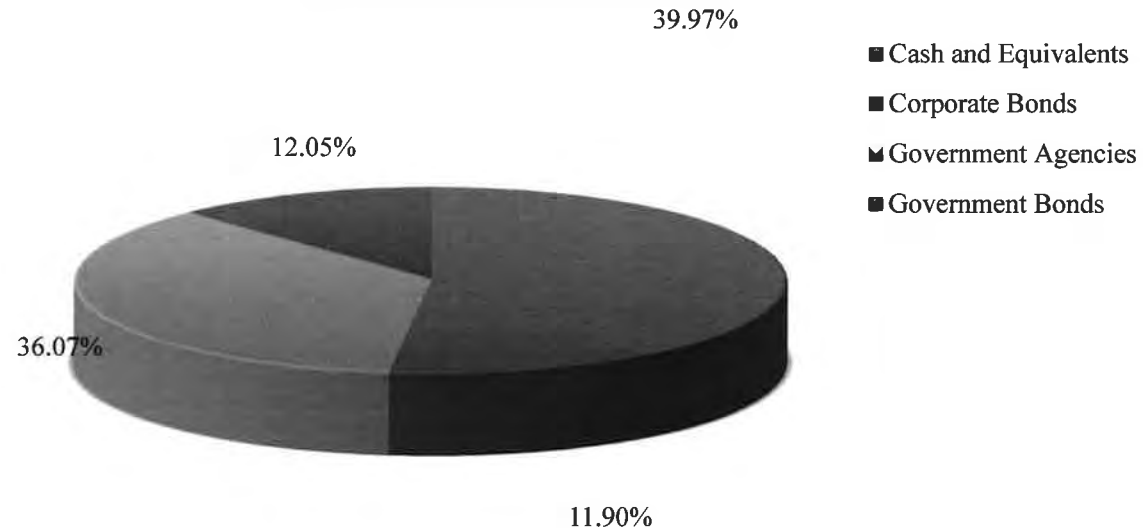
Fund No.	Fund Name	Ending Balance	Fund No.	Fund Name	Ending Balance
101	GENERAL FUND	\$ 16,838,053	324	STATE GRANT - OTS	\$ (22,414)
104	CAPITAL REPLACEMENT FUND	\$ 2,366,972	330	STATE GRANT RECYCLING	\$ 71,896
106	COMMUNITY SERVICES FOUNDATION	\$ 162,920	331	STATE GRANT - OIL RECYCLING	\$ 9,413
109	CITY SPECIAL RESERVES FUND	\$ (3,679,810)	349	MISC STATE GRANTS	\$ (293,357)
150	CAPITAL PROJECTS FUND - CITY	\$ (4,125,193)	361	CDBG	\$ (708,261)
203	GAS TAX	\$ 802,884	363	NBRHD STABILIZATION PRGM	\$ 1,809,441
204	AQMD	\$ 141,972	364	HPRP-HOMELESS PREV & RAPID REH	\$ (2,522)
205	PROP 1B	\$ 248,337	391	LANCASTER HOME PROGRAM	\$ 704,263
206	TDA ARTICLE 8 FUND	\$ (2,866,259)	399	FEDERAL MISCELLANEOUS GRANTS	\$ (1,102,897)
207	PROP "A" TRANSIT FUND	\$ 2,201,262	401	AGENCY FUND	\$ 650,523
208	TDA ARTICLE 3 BIKEWAY FUND	\$ 1,667	402	PERFORMING ARTS CENTER	\$ (629,471)
209	PROPOSITION "C" FUND	\$ 6,746,466	404	GRANTS FUND	\$ (291,754)
210	MEASURE R FUND	\$ 5,854,915	408	X-AEROSPACE GRANTS FUND	\$ (86,205)
211	MEASURE M FUND	\$ 120,474	456	STILL MEADOW LN SWR ASSMNT DST	\$ 1,508
213	PARKS DEVELOPMENT FUND	\$ 855,288	480	SEWER MAINT FUND	\$ 3,384,305
217	SIGNALS - DEVELOPER FEES FUND	\$ 3,820,461	482	LANDSCAPE MAINTENANCE DISTRICT	\$ 2,011,409
220	DRAINAGE - DEVELOPER FEES FUND	\$ 4,590,800	483	LIGHTING MAINTENANCE DISTRICT	\$ (2,281,941)
224	BIOLOGICAL IMPACT FEE FUND	\$ 657,669	484	DRAINAGE MAINTENANCE DISTRICT	\$ 1,132,383
226	USP - OPERATION	\$ 2,569	485	RECYCLED WATER FUND	\$ (223,391)
227	USP - PARKS	\$ 1,337,190	486	LANCASTER POWER AUTHORITY	\$ 2,228,330
228	USP - ADMIN	\$ 37,729	490	LANCASTER CHOICE ENERGY	\$ 2,980,412
229	USP - CORP YARD	\$ 138,868	491	CALIFORNIA CHOICE ENERGY AUTH	\$ (272,051)
230	MARIPOSA LILY FUND	\$ 62,733	701	LANCASTER FINANCING AUTHORITY	\$ 5,103
232	TRAFFIC IMPACT FEES FUND	\$ 2,958,019	810	ASSESSMENT DISTRICT FUND	\$ 154,596
248	TRAFFIC SAFETY FUND	\$ 58,937	811	AD 93-3	\$ 150,312
251	ENGINEERING FEES	\$ (390,108)	812	AD 92-101	\$ 87,545
252	PROP 42 CONGESTION MANAGEMENT	\$ 492,161	830	CFD 89-1 EASTSIDE WATER FUND	\$ 786,826
261	LOS ANGELES COUNTY REIMB	\$ 1,072,003	831	CFD 90-1 (BELLE TIERRA)	\$ 447,172
301	LANCASTER HOUSING AUTH. OPS.	\$ 3,259,418	832	CFD 91-1 (QUARTZ HILL)	\$ 773,960
306	LOW & MOD INCOME HOUSING	\$ 4,906,710	833	CFD 91-2 (LANC BUSINESS PARK)	\$ 450,644
321	MTA GRANT - LOCAL	\$ (130,482)	991	REDEV OBLIGATION RETIREMENT FD	\$ 2,157,207
				Total Cash Balance	\$ 62,627,607

* Variance from portfolio balance due to deposits in transit and outstanding checks at month end

**City of Lancaster
Recap of Securities Held
October 31, 2017**

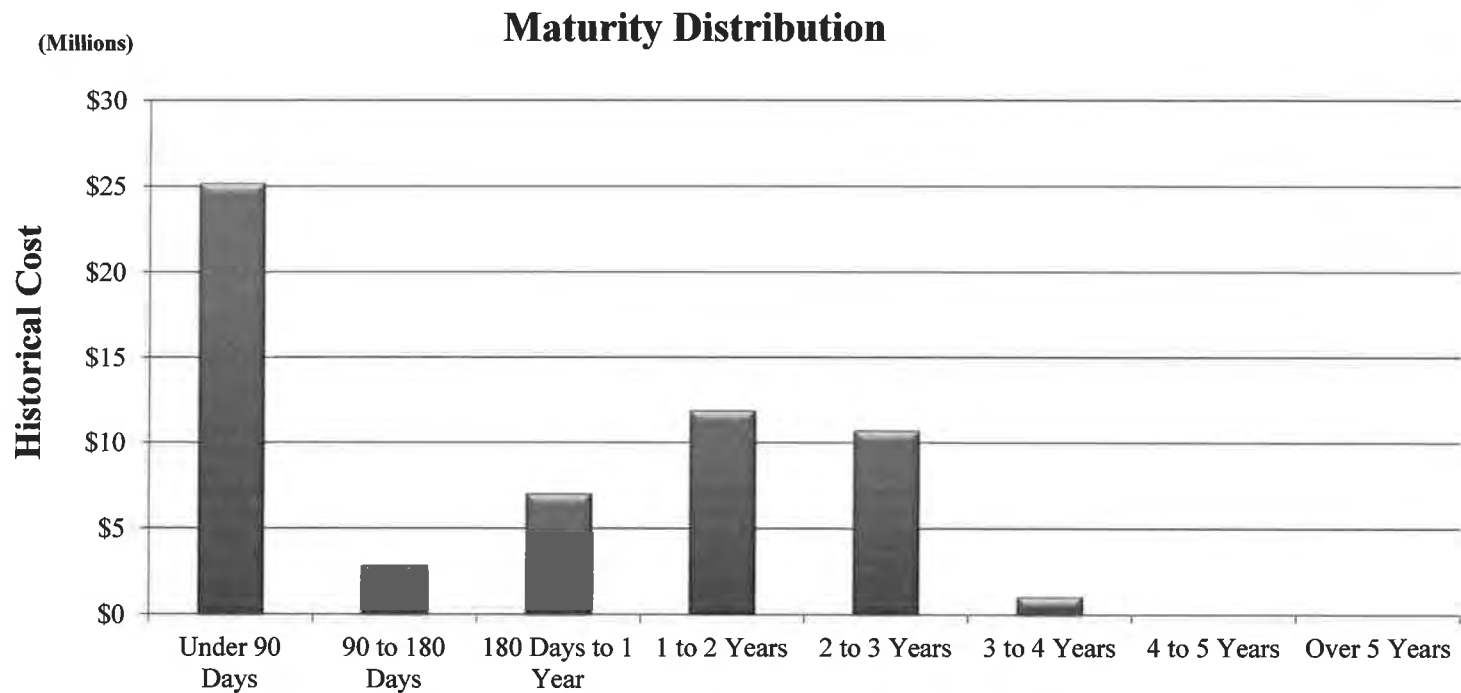
	Historical Cost	Amortized Cost	Fair Value	Unrealized Gain (Loss)	Weighted Average Effective	% Portfolio/ Segment	Weighted Average Market
Cash and Equivalents	\$23,465,706	\$23,465,706	\$23,465,706	\$0	1	39.97%	0.00
Corporate Bonds	\$6,986,713	\$6,958,685	\$6,934,305	(\$24,380)	630	11.90%	1.68
Government Agencies	\$21,177,896	\$21,165,485	\$21,037,796	(\$127,688)	572	36.07%	1.38
Government Bonds	\$7,076,156	\$7,057,059	\$7,028,856	(\$28,204)	507	12.05%	1.36
TOTAL	\$58,706,470	\$58,646,935	\$58,466,663	(\$180,272)	547	100.00%	1.43

Portfolio Diversification



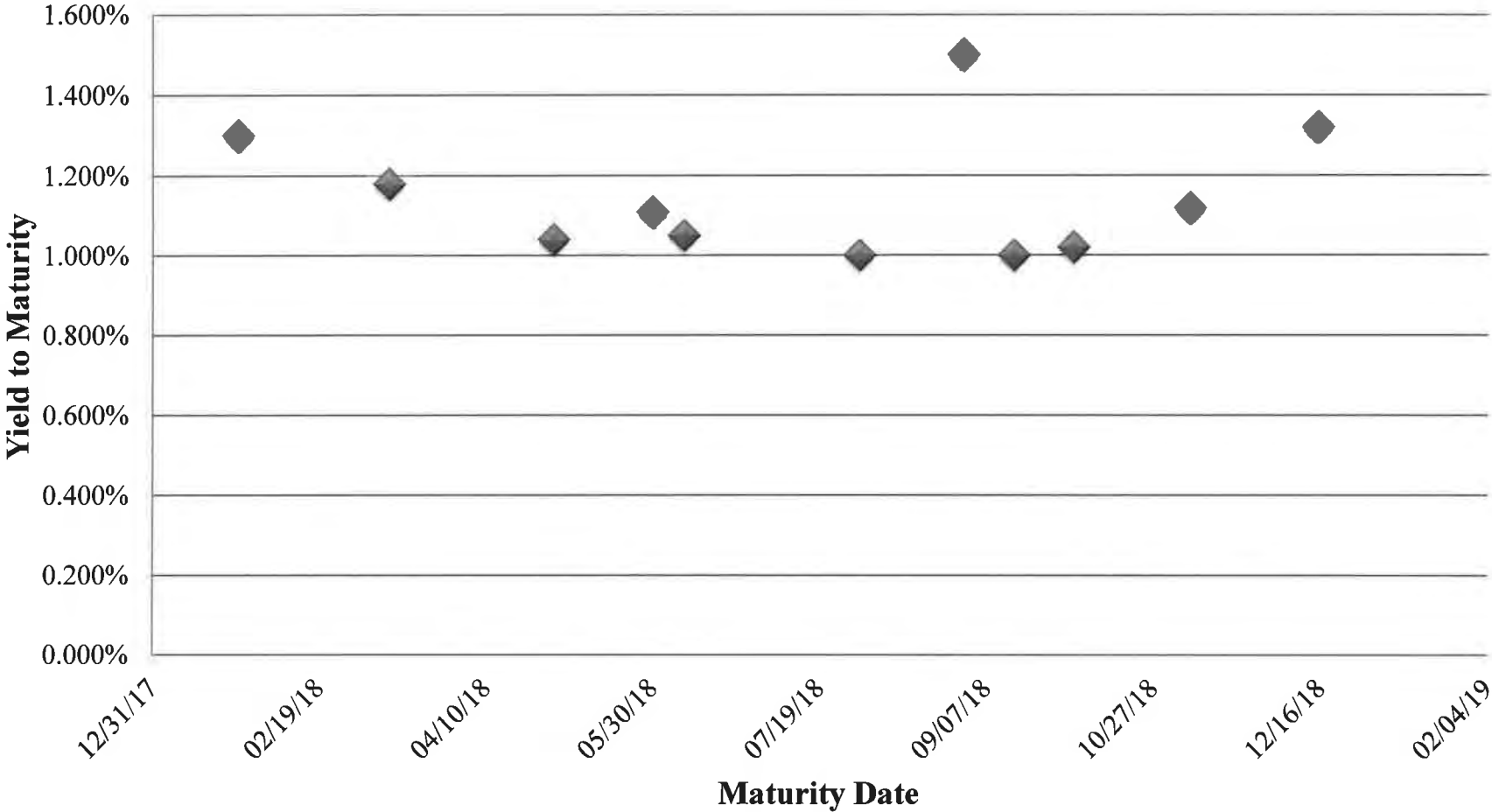
City of Lancaster
Maturity Distribution
October 31, 2017

Maturity	Historical Cost	Percent
Under 90 Days	\$25,202,879	42.93%
90 to 180 Days	\$2,845,128	4.85%
180 Days to 1 Year	\$7,025,218	11.97%
1 to 2 Years	\$11,866,254	20.21%
2 to 3 Years	\$10,717,779	18.26%
3 to 4 Years	\$1,049,213	1.79%
4 to 5 Years	\$0	0.00%
Over 5 Years	\$0	0.00%
	\$58,706,470	100.00%



City of Lancaster
Securities Held
October 31, 2017

Securities Held



STAFF REPORT
City of Lancaster

CC 4
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Jeff Hogan, Development Services Director

Subject: **Sewer Collection System Annual Performance Report for Fiscal Year 2016/2017**

Recommendation:

Accept the Sanitary Sewer Collection System Annual Performance Report for Fiscal Year 2016/2017.

Fiscal Impact:

None.

Background:

The City of Lancaster assumed responsibility for the operation and maintenance of its sanitary sewer system from the County of Los Angeles Consolidated Sewer Maintenance District (CSMD) on July 1, 2008, believing that local control of the system was in the best interest of its residents. The production of an annual report is one of the performance measures approved by City Council in the Fiscal Year 2011-2012 Program and Financial Plan. The following objectives were achieved by the Development Services Department, Utilities Services Section for Fiscal Year 2016/2017:

- Providing for the health and safety of the citizens of Lancaster through proper maintenance of the sewer collection system
- Responding to and reporting all public Sanitary Sewer Overflows (SSOs) in accordance with waste discharge requirements mandated by the State of California
- Responding to resident complaints in compliance with the City's Stand-by Policy as stated in the MOU between the City and the Local 911 Employees Union
- Training staff to California Water Environment Association (CWEA) Sewer Collection System Technician Certification requirements
- Preparation of the city-wide Sanitary Sewer Collection System Annual Performance Report for Fiscal Year 2016/2017

The attached Sewer Collection System Annual Report provides detailed information regarding the system's growth and characteristics over the past year, and outlines the accomplishments of the Development Services Department, Utilities Services Section, regarding operations and maintenance of the City's sewer system.

HS:jw

Attachment:

Sewer Collection System Annual Report for Fiscal Year 2016/2017

SEWER COLLECTION SYSTEM ANNUAL REPORT

2016/2017

City of Lancaster



A report of the history, current assessment, budget, activities, and the achievements of the Lancaster, California Sewer Collection System in Fiscal Year 2016/2017.

Sewer Collection System Annual Report

LANCASTER, CALIFORNIA 2016/2017

System Overview

A Sanitary Sewer Collection System is a series of pipes, manholes, and lift stations that convey wastewater from homes and businesses to a treatment plant. The City of Lancaster's (City) sanitary sewer collection system consists of a network of 429 miles of sewer lines, 8,970 sewer manholes, and one sewer lift station. This information is obtained from data input into the City's Geographic Information System. The oldest sewer pipes in the City were installed in 1947 with a resultant average age of 30 years old. The estimated value of the sewer collection system is in excess of 300 million dollars.

City of Lancaster Sanitary Sewer System Collection History

The City assumed responsibility for the operation and maintenance of its sanitary sewer system from the County of Los Angeles Consolidated Sewer Maintenance District on July 1, 2008. At that time the City formed Utility Services, a Section of the Public Works Division with the primary goal of properly managing, operating, and planning for the system to ensure it is a valuable asset for many years to come. With the goal of reducing the number of sewer overflows and to develop a program for the sustainability of

the system, the City worked with the State and County Sanitation District to develop a maintenance program which would systematically clean and inspect the sewer pipes, visually and with cameras. Additionally, a program was developed to reduce the amount of harmful materials being discharged into the system. With these efforts, the number of overflows have been greatly reduced and staff believes there is a reliable plan in place to prolong the life of and manage the orderly growth of the sewer system.

DID YOU KNOW?

SANITARY SEWER MANHOLES IN THE CITY OF LANCASTER VARY IN DEPTH FROM 8 FEET TO UP TO 23 FEET. THAT'S OVER TWO STORIES DEEP!

Sanitary Sewer Overflow

A collection system's greatest concern is a sanitary sewer overflow (SSO); this is when a pipe becomes clogged and raw sewage wastewater flows up and out of a manhole. SSOs are typically caused by roots growing into the pipes or a buildup of grease. Before the City maintained the system, the City suffered 20 or more SSOs every year.

Currently, the City averages three per year.

Maintenance Program

Cleaning

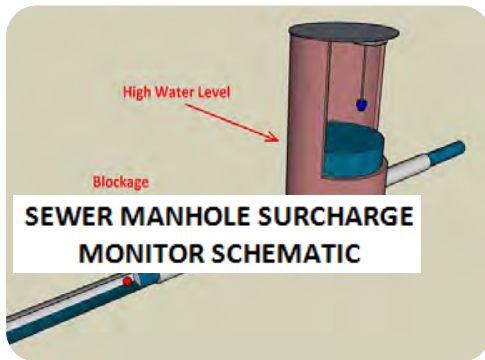
Cleaning consists of pipe flushing and root removal. Field staff cleans system pipes regularly using a hydrojet, a high-pressure jetting system which utilizes water and an optional vacuum to remove debris. This removes grease buildup as well as minor roots and debris to enable the wastewater to flow freely through the pipes. Blocked wastewater causes odors, SSOs, and damage to pipes. The objective of sewer pipe cleaning is to prevent future blockages of the sewer system. Roots are also removed by a mechanical cutting rodder or treated with environmentally safe foam. The majority of the maintenance budget is spent on these procedures.



Inspections

Waiting for damage or blockages to present themselves is an expensive maintenance strategy. Therefore, staff follows a strict inspection schedule to identify problems before they result in SSOs or expensive repairs. The City owns a closed circuit television (CCTV) truck from which an operator sends a camera on a small-wheeled vehicle through the sewer lines. It is controlled remotely from the truck and the video is stored for further analysis. Blockages, roots, cracks, and damaged pipes are located and cleaning or repair is scheduled. CCTV provides staff an additional resource which enhances the planning of maintenance and repair programs.

When a system pipe is blocked, wastewater will slowly rise and fill a manhole. Locations have been identified where blockages are common and field staff visually inspect these manholes on a regular basis to proactively monitor for impending overflows. Additionally, surcharge monitors have been installed in selected manholes; these monitors contain sensors on the underside of the manhole cover to measure water levels and will issue alerts of elevated flow levels so that corrective action can be taken before an overflow occurs. This prevents costly and messy sewer overflows. Surcharge monitors are currently installed at ten locations throughout the City which had previously experienced sewer overflows.



WOULD YOU BELIEVE?

SOME CITY SANITARY SEWER LINES ARE UP TO 30 INCHES IN DIAMETER; ENOUGH TO ACCOMMODATE 52 MILLION TOILET FLUSHES PER DAY!

Vermin Abatement

The City maintains a vermin abatement program within sewer manholes. The product used to treat manholes for roaches is called Zone Defense (boric acid). Boric acid, or Boron, is used in many household products and is safe for humans, unless ingested in large quantities. The product is applied by trained professionals using compressed air with a high pressure hose to spread the product inside of the manhole. The product is pulled from the container and blown through the vent hole in the manhole lid to produce a dusting of powder throughout the manhole. A six-month follow-up inspection of the manhole is performed to evaluate the treatment. If necessary, the manhole is re-treated to eliminate vermin.



Prevention Program

Fats, Oils, and Grease (FOG)

Keeping harmful substances from entering the sewer is much easier than trying to get them out. Fats, Oils, and Grease are harmful to sewers and feed the bacteria that create hydrogen sulfide gas. Hydrogen sulfide causes a "rotten egg" smell, is a health risk, and deteriorates sewer pipes. FOG build up in pipes creates blockages and leads to blockages and SSOs.

Food service establishments (restaurants, cafeterias, etc.) produce a significant amount of FOG. Lancaster is one of many cities that work with restaurants to reduce the amount of FOG sent down the drain. All food service establishments are required to apply for a FATS, OILS, AND GREASE (FOG) WASTEWATER DISCHARGE PERMIT prior to commencing operation and to submit to no less than an annual inspection by a FOG inspector. Under the regulations of the FOG discharge permit, a business must maintain best management practices to prevent FOG discharge, including scraping and dry wiping of pans and dishes into the trash before being washed, and maintain a grease removal device, such as a grease interceptor or trap. Staff regularly engages with the community to educate residents and business owners on how to best reduce their FOG impact on the sewer system.



Industrial Waste Water Discharge

Some businesses in the community manufacture or generate harmful chemicals that pose a health risk and damage sewer pipes, if not properly disposed of or treated. Utility Service staff is evaluating the creation of a program to help businesses identify their hazards and ensure they are mitigated.

Capital Improvements

A capital improvement program is employed to plan for affordable improvements instead of expensive emergency repairs. With an investment as large as the City's sewer system, financial reserves and good planning are crucial.

As sewer pipes age or are exposed to chemicals, they can wear, crack, or collapse resulting in wastewater flowing out, and ground water seeping into the pipe. Once the sites in need of repair or replacement have been identified, staff develops a plan to fix them in the most cost effective manner. New methods such as cured in place lining using trenchless technology to rehabilitate pipes, are proving to be an economical alternative to digging up streets and installing new pipe. The City is utilizing these and other cutting-edge techniques to stretch the capital budget. Trucks, equipment, and pumps require regular overhauls or replacement in order to remain efficient and effective; staff has developed, and is constantly enhancing, the long-term capital improvement program to ensure that major expenses are identified early and financial reserves are established.

Staffing

The Utility Services Section currently consists of a staff of 26, including the Assistant Utility Services Manager, Management Analyst, Industrial Waste Technician II, Industrial Waste Technician I, Environmental Compliance Officer, Environmental Compliance Specialist II, Environmental Compliance Technician, two Environmental Aides, Electrician, two Lead Maintenance Workers, five Maintenance Worker IIs and nine Maintenance Worker Is.

Training

Staff holds memberships in the following organizations -

- National Association of Sewer Service Companies, Inc. (NASSCO),
- Water Environment Federation (WEF),
- American Water Works Association (AWWA),
- California Water & Environment Association (CWEA),
- American Public Works Association (APWA),

YOU CAN HELP:

NEVER POUR GREASE DOWN THE DRAIN. PUT IT IN A CAN OR SOAK IT UP IN A PAPER TOWEL AND PUT IT INTO THE TRASH OR SAVE YOUR GREASE & DELIVER TO CITY MAINTENANCE YARD AT 615 W. AVENUE H, FOR RECYCLING.

- California Land Surveyor's Association (CLSA), and
- Association for GIS Professionals (URISA).

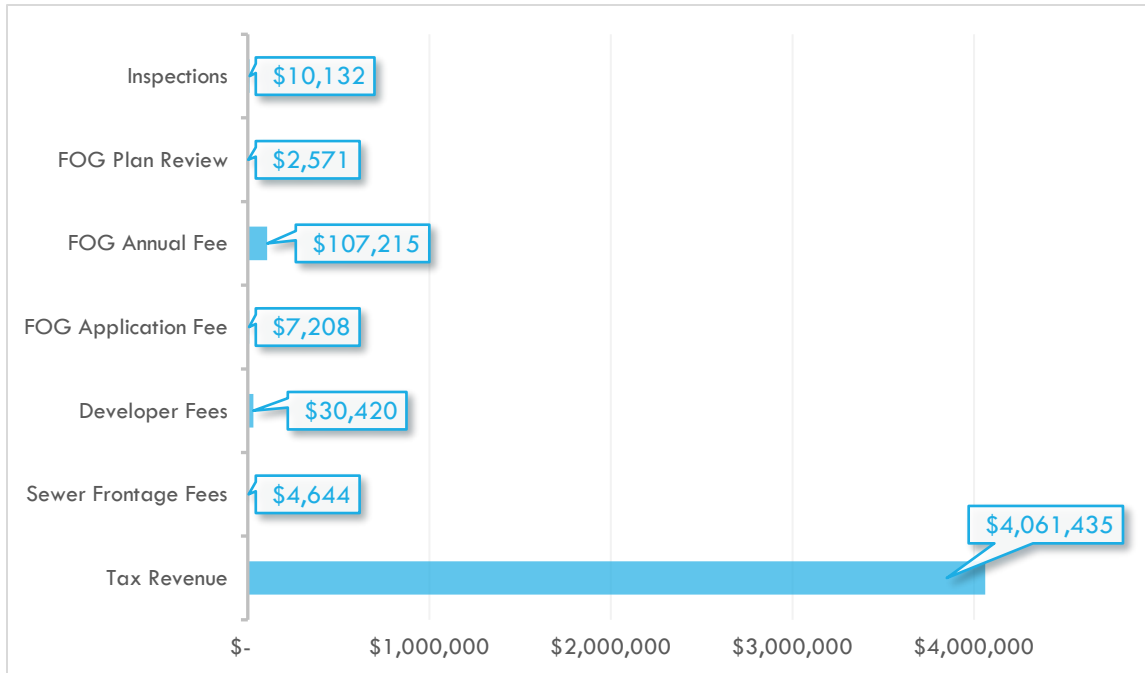
These organizations provide training and certification to ensure staff is able to safely and proficiently maintain the system. In fiscal year 2016/2017, staff members received 3 new certifications and 14 re-certifications.

Conclusion

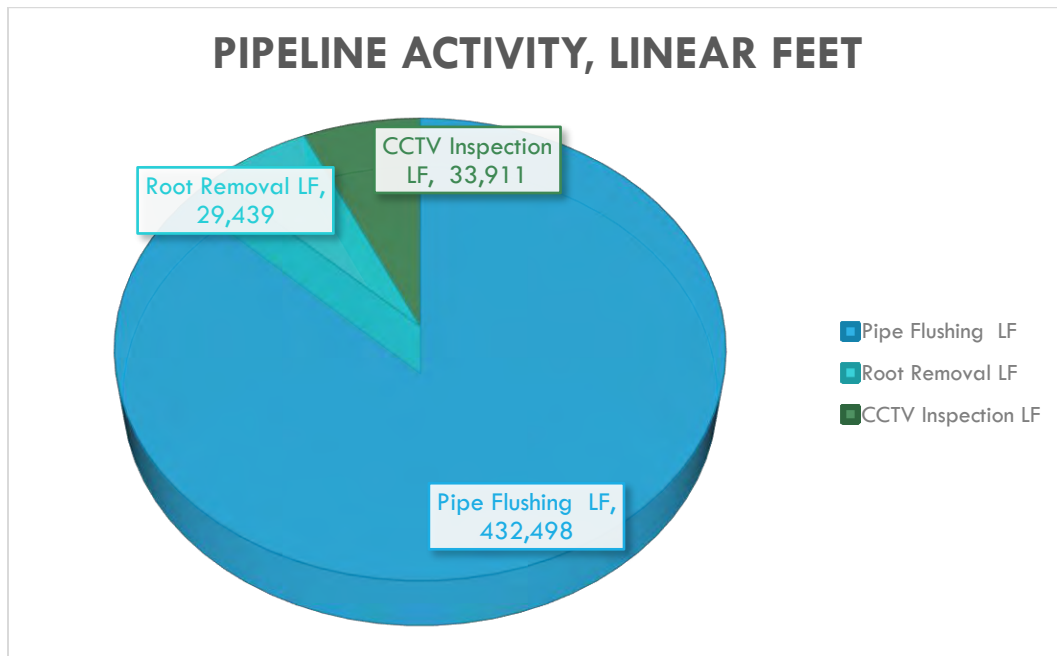
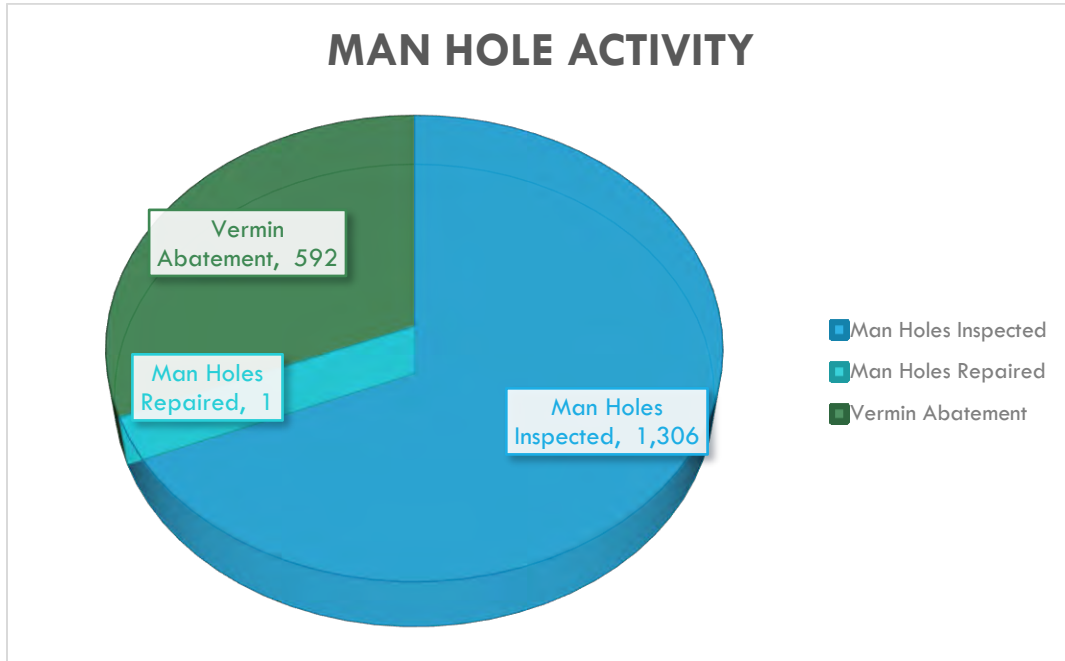
As staff reviews the past year's performance of the sewer system, the maintenance, investigation, and prevention programs are proving to continue to be successful. Expansion of preventive programs, specifically community outreach and the FOG program, are continuing to be evaluated and will be implemented as they are developed. Additionally, new asset management software systems are beginning to roll out and will aid in the scheduling and tracking of maintenance in order to ensure a complete, system-wide approach. The capital improvement program provides assurance that our system will be successful for future generations and is constantly being evaluated and updated with the most current and urgent needs. The staff of the Utility Services Section is proud to provide such a vital service to the residents and businesses of the community and will continue to remain proactive in order to safeguard one of the City's major assets.

2016/2017 Annual Sewer District Revenue Sources

The City collects sewer fees from a variety of sources; however, the overwhelming majority of revenue comes from property owners whose properties are connected to the sewer system. As shown in the exhibit below, the City collects over \$4,000,000 in sewer charges; these funds are used for the care of the system and the specialized equipment required to properly clean and inspect the asset.



2016/2017 Annual Sewer Maintenance Activity at a Glance



Sewer System Performance Review

Sewer System Performance	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017
<u>Pipe Cleaning:</u>						
Pipe Flushing	179,977 LF or 34.1 Miles	209,616 LF or 39.7 Miles	176,880 LF or 33.5 Miles	257,242 LF or 48.7 Miles	313,117 LF or 59.3 Miles	432,498 LF or 81.9 Miles
Root Removal	172,194 LF or 32.6 Miles	155,967 LF or 29.5 Miles	111,408 LF or 21.1 Miles	117,296 LF or 22.2 Miles	39,380 LF or 7.46 Miles	29,439 LF or 5.56 Miles
<u>Closed-Circuit TV Inspection:</u>	146,203 LF or 27.7 Miles	167,851 LF or 31.8 Miles	68,640 LF or 13 Miles	85,834 LF or 16.3 Miles	55,095 LF or 10.43 Miles	33,911 LF or 6.42 Miles
<u>Manholes:</u>						
Inspected	2,268	1,507	96	2,127	2,318	1,306
Repaired	5	9	3	30	10	1
Vermin Abatement	n/a	n/a	848	233	352	592
<u>Sewer Overflow (SSOs):</u>	4	3	5	4	4	3
Annual SSO Rate (SSO/100 miles of pipe)	0.93	0.69	1.16	0.93	0.93	0.69
Portion of SSO Runoff Contained	97%	95%	100%	32% ¹	98%	100%
<u>Main SSO Causes</u>						
Grease	95%	100%	80%	75%	80%	15%
Roots	5%	0%	20%	0%	10%	15%
Other (Vandalism, etc.)				25%	10%	70%

STAFF REPORT
City of Lancaster

CC 5
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Jeff Hogan, Development Services Director

Subject: **Vacation of Street Right-of-Way Along Avenue K-8 at 10th Street West**

Recommendation:

Adopt **Resolution No. 17-59**, to summarily vacate and abandon a certain portion of street right-of-way located along Avenue K-8 at 10th Street West, more particularly described in Exhibit “A” and shown on Exhibit “B” of the resolution.

Fiscal Impact:

None.

Background:

In 1993, the City of Lancaster accepted street right-of-way as per Instrument No. 93-2522322 recorded in the county of Los Angeles, State of California. Viper Enterprises, Inc. (Developer), intends to develop the site. As part of the approval to develop said site under Site Plan Review 16-07, the right-turn pocket at the northeast corner of Avenue K-8 at 10th Street West was determined to be no longer needed. Therefore, the portion of street right-of-way of Avenue K-8 along said right-turn pocket was concluded to be excess right-of-way and conditioned to be vacated.

This street right-of-way may be abandoned through a summary vacation process according to the Streets and Highways Code Sections 8330 to 8336, because the right-of-way has not been improved for vehicular traffic for more than five years, and no public funds have ever been expended for maintenance over the subject portion of street right-of-way.

JH:bg

Attachment:

Resolution No. 17-59

RESOLUTION NO. 17-59

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LANCASTER, CALIFORNIA, TO SUMMARILY VACATE AND ABANDON A CERTAIN PORTION OF STREET RIGHT-OF-WAY LOCATED ALONG AVENUE K-8 AT 10TH STREET WEST, MORE PARTICULARLY DESCRIBED IN EXHIBIT "A" AND SHOWN ON EXHIBIT "B"

WHEREAS, the City of Lancaster is holder of an easement for street right-of-way, as shown on Instrument No. 93-2522322 recorded December 28, 1993, in the county of Los Angeles, State of California.

WHEREAS, on February 14, 2016, the City of Lancaster Planning Commission approved Site Plan Review No. 16-07, which established the configuration of streets over said project and conditioned the vacation of excess street right-of-way.

WHEREAS, Section 8331 of the Streets and Highways Code states "The legislative body of a local agency may summarily vacate a street or highway if both of the following conditions exist: (a) For a period of five consecutive years, the street or highway has been impassable for vehicular travel; (b) No public money was expended for maintenance on the street or highway during such period."

WHEREAS, the street has never been improved for vehicular traffic, and no public funds have ever been expended for maintenance over the subject portion of street right-of-way, and due to the planned development's reconfiguration of the street right-of-way through Site Plan Review No. 16-07, the said portion of street right-of-way as described in Exhibit "A" and shown in Exhibit "B" is determined to be excess and not required for public road and highway purposes.

NOW, THEREFORE, BE IT RESOLVED AND ORDERED BY THE CITY COUNCIL OF THE CITY OF LANCASTER, STATE OF CALIFORNIA, THAT:

Section 1. The Public interest, convenience, and necessity so requiring, the City of Lancaster summarily vacates the said portion of street right-of-way more particularly described in Exhibit "A" and shown on Exhibit "B" attached hereto and by reference made a part hereof.

Section 2. Said summary vacation has been duly recommended for approval based on the fact that the said portion of street right-of-way is not required for public access.

Section 3. It is ordered, the said portion of street right-of-way is abandoned by summary vacation pursuant to the California Streets and Highways Code Division 9, Part 3, Chapter 4, commencing with Section 8330, the provisions of which have been fully and completely complied with. Said portion of street right-of-way described in Exhibit "A" and shown on Exhibit "B" is hereby terminated, abandoned, and summarily vacated upon recordation of this resolution, from and after the date of recordation, said portion of street right-of-way is considered vacated and abandon and no longer constitutes street right-of-way.

Section 4. The City Clerk is hereby authorized and directed to record at the County of Los Angeles Records Office this resolution, including Exhibits "A" and "B" attached hereto.

PASSED, APPROVED, and ADOPTED this 12th day of December, 2017, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

APPROVED:

BRITT AVRIT, MMC
City Clerk
City of Lancaster

R. REX PARRIS
Mayor
City of Lancaster

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES }ss
CITY OF LANCASTER }

CERTIFICATION OF RESOLUTION
CITY COUNCIL

I, _____, _____ City of
Lancaster, CA do hereby certify that this is a true and correct copy of the original Resolution No.
17-59, for which the original is on file in my office.

WITNESS MY HAND AND THE SEAL OF THE CITY OF LANCASTER, on this _____
day of _____, _____.

(seal)

EXHIBIT "A" LEGAL DESCRIPTION

THAT PORTION OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 7 NORTH, RANGE 12 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF LANCASTER, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND, AS SHOWN AND DESCRIBED AS "PARCEL B" ON LOT LINE ADJUSTMENT - LLA NO. 07-13, RECORDED MARCH 16, 2007, AS INSTRUMENT NO. 2007-0596025 OF OFFICIAL RECORDS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE CENTERLINE INTERSECTION OF 10TH STREET WEST AND AVENUE K-8, SAID POINT ALSO BEING THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER OF SECTION 27;

THENCE EASTERLY ALONG THE CENTERLINE OF AVENUE K-8, COINCIDENT WITH THE SOUTHERLY LINE OF THE NORTHWEST QUARTER OF SECTION 27, NORTH 89°47'57" EAST, 50.00 FEET TO A LINE PARALLEL WITH AND 50.00 FEET EASTERLY OF THE CENTERLINE OF 10TH STREET WEST;

THENCE ALONG SAID PARALLEL LINE NORTH 00°20'10" WEST, 79.00 FEET TO ITS INTERSECTION WITH THE NORTHWESTERLY TERMINUS OF THE RIGHT OF WAY CORNER CUT-OFF, AS DESCRIBED IN ROAD DEED RECORDED DECEMBER 28, 1993 AS INSTRUMENT NO. 93-2522322, OF OFFICIAL RECORDS, AND THE **"TRUE POINT OF BEGINNING"**.

THENCE ALONG SAID CORNER CUT-OFF, SOUTH 45°16'07" EAST, 38.23 FEET TO A LINE PARALLEL WITH AND 52.00 FEET NORTHERLY OF THE CENTERLINE OF AVENUE K-8;

THENCE ALONG LAST SAID PARALLEL LINE NORTH 89°47'57" EAST, 223.00 FEET;

THENCE SOUTH 84°29'30" EAST, 60.32 FEET TO A LINE PARALLEL WITH AND 46.00 FEET NORTHERLY OF THE CENTERLINE OF AVENUE K-8;

THENCE ALONG LAST SAID PARALLEL LINE SOUTH 89°47'57" WEST, 293.03 FEET;

THENCE NORTH 45°17'33" WEST, 24.02 FEET TO SAID LINE PARALLEL WITH AND 50.00 FEET EASTERLY OF THE CENTERLINE OF 10TH STREET WEST;

THENCE ALONG LAST SAID PARALLEL LINE NORTH 00°20'10" WEST, 16.04 FEET TO THE **"TRUE POINT OF BEGINNING"**.

EXHIBIT "B" IS ATTACHED HERETO, AND BY THIS REFERENCE MADE A PART HEREOF.

CONTAINS 1,901 SQUARE FEET (0.04 ACRES), MORE OR LESS.

This legal description was prepared by me or under my direction.

BY: 
Elias Chai, L.S. 8908



Dated: OCTOBER 18, 2017



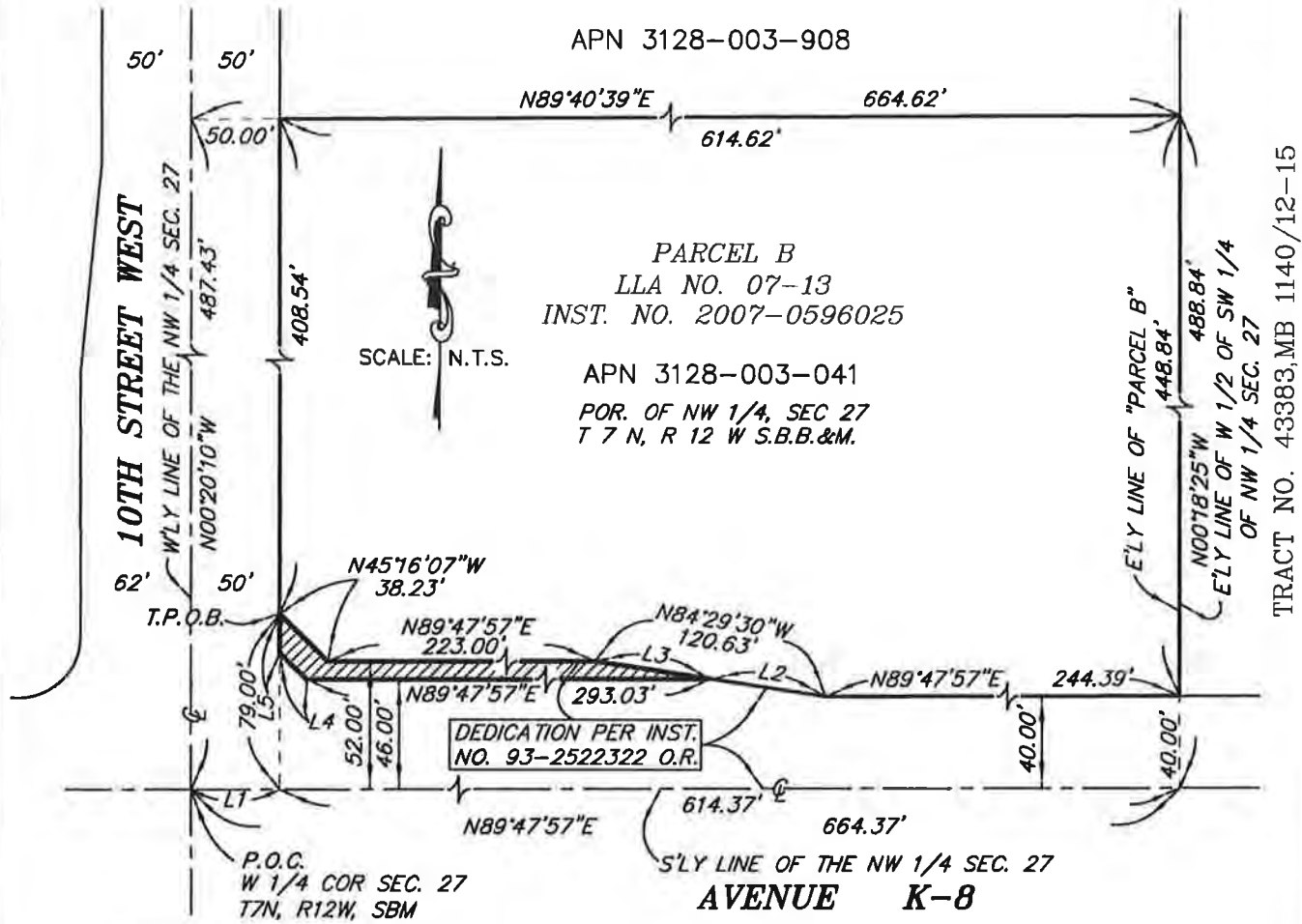
	<p>CITY OF LANCASTER</p>  <p>7010 WEST AVENUE E4 ANTELOPE ACRES, CA 93536 ryan.duke@duke-engineering.com</p>	<p>APN. 3128-003-041 TITLE: ROAD VACATION</p>
		<p>EXHIBIT "A"</p>
	<p>SHEET 2 OF 3 SHEETS</p>	

EXHIBIT "B"



LINE TABLE		
LINE	LENGTH	BEARING
L1	50.00	N89°47'57"E
L2	60.31	N84°29'30"W
L3	60.32	N84°29'30"W
L4	24.02	N45°17'33"W
L5	16.04	N00°20'10"W

- LEGEND:**
- ROAD VACATION
 - APN ASSESSOR'S PARCEL NUMBER
 - T.P.O.B. TRUE POINT OF BEGINNING
 - P.O.C. POINT OF COMMENCEMENT



CITY OF LANCASTER

Duke Engineering

7010 WEST AVENUE E4
ANTELOPE ACRES, CA 93536
ryan.duke@duke-engineering.com

APN. 3128-003-041
TITLE:
ROAD VACATION

EXHIBIT "B"

SHEET 3 OF 3 SHEETS

STAFF REPORT
City of Lancaster

CC 6
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Mark V. Bozigian, City Manager
Kathleen Abaied, Human Resources Manager

Subject: **Resolution Amending Classification Schedule**

Recommendations:

Adopt **Resolution No. 17-60**, amending Resolution 14-64 establishing a compensation schedule for various classifications of employees of the City.

Fiscal Impact:

There is no fiscal impact by this action.

Background:

In order to continue to provide a high level of service delivery within the Administration Department, staff recommends establishing the classification of Administrative and Community Services Director. This classification will be placed under the Executive class, with a monthly salary range of \$10,971 – \$16,457.

Attachment:

Resolution No. 17-60

RESOLUTION NO. 17-60

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LANCASTER, CALIFORNIA, AMENDING RESOLUTION 14-64 BY ESTABLISHING A COMPENSATION SCHEDULE FOR VARIOUS CLASSIFICATIONS OF EMPLOYEES OF THE CITY

WHEREAS, the City Council is desirous of amending the Compensation Schedule for various classifications of employees of the City.

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF LANCASTER DOES HEREBY RESOLVE, DETERMINE AND FIND AS FOLLOWS;

Section 1. A Compensation Schedule is hereby established for all employees of the City of Lancaster in any of the adopted Classifications.

Section 2. The following Executive classification is hereby created and added to the Compensation Schedule as follows:

<u>Classification</u>	Approximate Monthly Salary	
	Effective 07/17	Effective 07/18
Administrative and Community Services Director	10,971 – 16,457	11,245 -16,869

Section 3. Any Resolutions in conflict with provisions stated herein shall be considered superseded by the provisions contained within this Resolution.

PASSED, APPROVED, and ADOPTED this 12th day of December, 2017, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

APPROVED:

BRITT AVRIT, MMC
City Clerk
City of Lancaster

R. REX PARRIS
Mayor
City of Lancaster

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF LANCASTER)

CERTIFICATION OF RESOLUTION
CITY COUNCIL

I, _____, _____ City of Lancaster, California,
do hereby certify that this is a true and correct copy of the original Resolution No. 17-60, for
which the original is on file in my office.

WITNESS MY HAND AND THE SEAL OF THE CITY OF LANCASTER, on this _____
day of _____, _____.

(seal)

STAFF REPORT
City of Lancaster

CC 7
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Mark V. Bozigian, City Manager
Kathleen Abaied, Human Resources Manager

Subject: **Resolution to Authorize Employee Participation in the California State Disability Insurance Program**

Recommendation:

Adopt **Resolution No. 17-61**, approving the filing of a State Disability Insurance Coverage Application for elective coverage under Section 710.5 of the Unemployment Insurance Code.

Fiscal Impact:

Contributions are employee-paid through payroll deductions; therefore, there is no fiscal impact to the City.

Background:

Currently the City offers a short-term disability insurance program to all employees that provides for partial wage-replacement for employees out on an extended personal medical leave for themselves only. However, the City does not provide partial wage replacement for employees out on an extended medical leave for the care of a qualified family member or for maternity/paternity leave. Therefore, employees must use accrued vacation and, often, employees are without income during the time they are caring for a seriously ill or injured family member such as a child or spouse. This is especially burdensome on new employees who have not had a chance to build their time banks.

City management met and conferred with the employee unions and learned of their interest in participating in the State's Disability Insurance (SDI) plan. City management informed all union employees that participation would be at their own expense. On January 25, 2017 and December 7, 2017, employees represented by the California Teamsters, Employees Union (Local 911) conducted an election and the majority of said employees voted in favor of State Disability Insurance. On February 9, 2017 employees represented by the Lancaster Code Enforcement Association (LCEA) conducted an election and the majority of said employees voted in favor of SDI. In accordance with State requirements, if a majority of the represented employees vote in favor of SDI, all employees within that group must participate.

Although no legal requirement mandates unrepresented employee groups be provided a voting opportunity, City management nonetheless met with unrepresented staff to inform them on the benefits and costs of SDI. Further, the proposed program will not mandate participation in SDI for existing full-time employees hired before January 1, 2018; rather, participation in SDI will be optional for such employees. Beginning on January 1, 2018, all new employees in the General, Professional/Supervisory, Mid-Management, Executive, and all existing and new employees in the Temporary Part-Time employee groups will be required participate in SDI.

As of January 1, 2018 the cost to an individual employee to participate is one percent (1.0%) of taxable wages up to \$114,967 annually. The proposed resolution authorizes all eligible City employees to participate in the State's plan.

In order to implement SDI, the State requires a resolution by the City Council approving the filing of an application for elective coverage under Section 710.5 of the Unemployment Insurance Code.

Attachments:

Resolution No. 17-61

Application for Elective Coverage of State Disability Insurance (DE 1378N)

RESOLUTION NO. 17-61

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LANCASTER APPROVING THE FILING OF A STATE DISABILITY INSURANCE COVERAGE APPLICATION FOR ELECTIVE COVERAGE UNDER SECTION 710.5 OF THE UNEMPLOYMENT INSURANCE CODE

WHEREAS, the City of Lancaster's current short-term disability program does not offer paid family leave; and

WHEREAS, on February 8, 2017 Local 911 and LCEA union employees were informed of the State's requirements governing the implementation of the California State Disability Insurance Program; and

WHEREAS, an election was conducted among Local 911 (on January 25, 2017 and December 7, 2017) and LCEA (on February 9, 2017) union employees and the majority of said participating employees voted in favor of State Disability Insurance; and

WHEREAS, Local 911 and LCEA union employees agreed that participation in said program would be at the expense of the represented employees and was not a cost to be borne by the City; and

WHEREAS, unrepresented employees were informed of the State's requirements governing the implementation of such a program; and

WHEREAS, on February 8, 2017 unrepresented employees were informed that participation in said program would be voluntary and at the expense of the unrepresented employees and was not a cost to be borne by the City; and

WHEREAS, Section 710.5 of the California Unemployment Insurance Code requires that the City Council approve the filing of an application for elective coverage thereunder;

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF LANCASTER DOES HEREBY RESOLVE, DETERMINE AND FIND AS FOLLOWS;

Section 1. The Application for Elective Coverage of State Disability Insurance is hereby approved; and

Section 2. The Mayor of the City of Lancaster is hereby authorized to execute those documents as are necessary to implement the provisions hereof.

PASSED, APPROVED, and ADOPTED this 12th day of December, 2017, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST:

APPROVED:

BRITT AVRIT, MMC
City Clerk
City of Lancaster

R. REX PARRIS
Mayor
City of Lancaster

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF LANCASTER)

CERTIFICATION OF RESOLUTION
CITY COUNCIL

I, _____, _____ City of Lancaster, CA, do hereby certify that this is a true and correct copy of the original Resolution No. 17-61, for which the original is on file in my office.

WITNESS MY HAND AND THE SEAL OF THE CITY OF LANCASTER, on this _____ day of _____, _____.

(seal)



Application for Elective Coverage of State Disability Insurance* ONLY

For Department Use Only	
Account No.	_____
Statistical Code	_____
Effective Date	_____
Approved By	_____
Date	_____
Employer Notified	_____ (Date)
Send	_____
Number of Employees	_____

IMPORTANT

This form is not an application for an account number under the compulsory provisions of the California Unemployment Insurance Code (CUIC). Do not complete this form unless you wish to apply for State Disability Insurance coverage **ONLY** for your employees under Section 702.6, 710.4, 710.5, 710.6, or 710.9 of the CUIC. Coverage under these sections of the CUIC does not make provision for Unemployment Insurance benefits.

Complete this form only for:

- Employing units with eligible employees who are California residents whose services are covered by the unemployment compensation laws of another state that does not have a disability insurance program under Section 702.6 of the CUIC.**
- OR**
- Employees of any of the following:**
 - A public school employer under Section 710.4 of the CUIC.
 - A public agency employer under Section 710.5 of the CUIC.
 - An Indian tribe under Section 710.6 of the CUIC.
 - A community college district under Section 710.9 of the CUIC.

NOTE: If your application is approved, the elective coverage agreement will be subject to all of the requirements and conditions outlined in the *Information Concerning Elective Coverage for State Disability Insurance ONLY Under Section 702.6, 710.4, 710.5, 710.6, or 710.9 of the California Unemployment Insurance Code (DE 1378P)* form. Please retain your copy of the DE 1378P for reference.

Please Type or Print

- Name of Employer City of Lancaster
- Business Address 44933 Fern Avenue Lancaster L.A. CA 93534
(Number and Street) (City) (County) (State) (ZIP Code)
- Mailing Address Same as above
(Number and Street) (City) (County) (State) (ZIP Code)
- Type of Employer – (Check one)

<input type="checkbox"/> Employing Unit With Eligible Employees – Section 702.6	<input type="checkbox"/> Indian Tribe – Section 710.6
<input type="checkbox"/> Public School – Section 710.4	<input type="checkbox"/> Community College District – Section 710.9
<input checked="" type="checkbox"/> Public Agency – Section 710.5	
- Law under which agency/employer was established. (Does not apply to Indian Tribes.)

(a) California General Laws Title of Act <u>California Constitution</u> Number <u>Article XI, Sections 2-5</u> Year Enacted <u>1977</u>
OR
(b) California Codes Title of Code _____ Number _____ Part _____ Chapter _____ Sections _____ to _____
- Members of governing body of the employer.

Name	Title	Residence Address
R. Rex Parris	Mayor	43364 10th St. West, Lancaster, CA 93534
Marvin E. Crist	Vice Mayor	1321 W. Lancaster Blvd., Lancaster, CA 93534
Ken Mann	Council Member	44665 Loneoak Ave., Lancaster, CA 93534
Angela Underwood-Jacobs	Council Member	41355 43rd St. West, Lancaster, CA 93536
*Includes Paid Family Leave (PFL). Raj Malhi - Council Member		42415 26th St. West, Lancaster, CA 93536

7. This application covers employees of the following appropriate units:

Show Name of Bargaining Unit or Describe Type of Services

- Bargaining Unit
- Management
- Confidential
- Unrepresented
- Academic
- Other

Local 911 & LCEA

General, Professional/Supervisory, Mid-Management, Executive

8. Complete this schedule covering all elected officers and appointees who perform services for the agency named in Item 1. Exclude individuals listed in Item 6.

(a) Elected offices: (These individuals are ineligible for coverage.)

Title of Position

n/a

(b) Person holding appointive positions: (These individuals are eligible for coverage unless appointed to fill a vacant elected office.)

Title of Position

No. of Positions in this Category

By Whom Appointed

No. of Such Individuals Desiring Coverage

n/a

(c) Total number of employees to be covered (excluding elected officers and those appointed by the Governor).

650

9. Deductions should not be made from your employees' wages for the purpose of paying employee contributions required under the CUIC until your election is approved.

10. On what date do you wish elective coverage to commence? Keep in mind that the commencement date of an elective coverage agreement shall not be prior to the first day of the calendar quarter in which the application is filed, nor later than the first day of the following calendar quarter.

First day of current quarter

First day of next quarter

11. Attach a copy of either:

- The negotiated agreement between the employer and the recognized employee organization or written petition signed by a majority of the eligible employees to be covered by the election under Section 702.6 of the CUIC.
- OR
- The resolution in which the governing body described in Item 6 approved the filing of an application for elective coverage under Section 710.4, 710.5, 710.6, or 710.9 of the CUIC.

The employing unit with eligible employees or governmental or tribal entity described in Item 1 hereby files its application under Section 702.6, 710.4, 710.5, 710.6, or 710.9 of the CUIC to become an employer subject to the CUIC. It is understood that upon approval of the election by the Director, the Employing Unit/Public School/Public Agency/Indian Tribe/Community College District will be an employer subject to the CUIC for State Disability Insurance purposes **ONLY** to the same extent as other employers as of the date specified in the approval, and will remain a subject employer for at least two complete calendar years and thereafter, until this election is terminated as provided by the CUIC.

I declare that this application has been examined by me, and to the best of my knowledge, it is true and correct and made in good faith under the provisions of the CUIC.

This declaration must be signed by one or more individuals shown under Item 6.

(Signed) _____ Date _____
 (Signed) _____ Date _____
 (Signed) _____ Date _____

STAFF REPORT
City of Lancaster

CC 8
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Jeff Hogan, Development Services Director

Subject: **Substitution of Subdivision Undertaking Agreement and Improvement Securities for Tract Map No. 54025 (Located on the Southeast Corner of 20th Street East and Lancaster Boulevard)**

Recommendation:

Approve and accept substitution of the Subdivision Improvement and Lien Agreement submitted by Sapphire Dunes, LLC, in place of the Subdivision Undertaking Agreement and securities submitted by First Pacifica Housing Corporation, for Tract Map No. 54025, located on the southeast corner of 20th Street East and Lancaster Boulevard.

Fiscal Impact:

None.

Background:

On January 9, 2007, First Pacifica Housing Corporation entered into a Subdivision Undertaking Agreement and posted securities to complete the required improvements for Tract Map No. 54025. The subject property subsequently changed hands, and the new developer, Sapphire Dunes, LLC, has requested that the City allow the substitution of the Subdivision Undertaking Agreement and securities so that the property can be developed.

Sapphire Dunes, LLC, has submitted a Subdivision Improvement and Lien Agreement (Agreement) to guarantee and secure the performance of all the required public improvements. The lien will be in first position, and the Developer agrees to provide substitute security to the City prior to the commencement of the work of improvements. The Agreement satisfies the requirements of an undertaking agreement, and is an authorized form of security in accordance with the Subdivision Map Act and the City's Municipal Code.

Staff recommends that the Council approve the Subdivision Improvement and Lien Agreement from Sapphire Dunes, LLC, approve the termination of the Subdivision Undertaking Agreement with First Pacifica Housing Corporation, and release securities posted by First Pacifica Housing Corporation.

JH:bg

Attachments:

Subdivision Improvement and Lien Agreement
Map

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

City of Lancaster
Attn: City Engineering Division
44933 Fern Avenue
Lancaster, California 93534

This document is exempt from the payment of a recording
fee pursuant to Government Code Section 6103.

SUBDIVISION IMPROVEMENT AND LIEN AGREEMENT
(Cal. Gov't Code § 66499(a)(4))

THIS SUBDIVISION IMPROVEMENT AND LIEN AGREEMENT (this "Agreement") is made this ____ day of _____, 20__ (the "Date of Agreement"), by and between the **CITY OF LANCASTER**, a California municipal corporation and charter city (the "City"), and **SAPPHIRE DUNES, LLC**, a California limited liability company (the "Developer").

RECITALS

A. Developer is the owner of Tract Map 54025, including all real property associated therewith, in the City of Lancaster, California, which is legally described in Exhibit "A" attached hereto and incorporated herein (the "Property"). Developer purchased the Property as a Trustee's Sale on September 16, 2011.

B. The City approved Tentative Tract Map No. 54025 on March 17, 2003 (the "Tentative Map"), subject to certain conditions of approval as set forth in Resolution No. 03-09 (the "Conditions of Approval"), which conditions include construction of certain public improvements as set forth herein below.

C. The City approved a final subdivision map for the Property (the "Map") on January 9, 2007, and Original Developer recorded Map in the Recorder's Office of the County of Los Angeles on April 16, 2007 in Book 1331, Pages 80 to 83 of Maps.

D. In connection with the development of the Property, Developer is required to construct certain related public improvements (the "Improvements"), in accordance with, and as required by, the approved plans and specifications for said Improvements (the "Approved Plans"), which plans and specifications are now in the office of the City Engineer, and which are hereby referred to and incorporated herein as though set forth in full.

E. Developer has requested to enter into a new agreement with City regarding construction and completion of the Improvements. Developer has also requested that City accept a lien on the Property to secure completion of the Improvements, grading of the Property, and the setting of survey monuments for the Property.

F. City has agreed to accept a lien on the Property to secure performance of the Developer's obligation under this Agreement provided such lien is in first position. Developer agrees to present substitute security to the City prior to the commencement of the work of Improvements, and Developer agrees that the City may revert the property to acreage if the work of Improvements has not commenced within three years of the Date of Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained and of the approval of the Map and of the acceptance of the dedications therein offered, the parties agree as follows:

1. Subdivision Development Lien. This Agreement shall constitute a lien (the "Subdivision Development Lien") on the Property in the amount of Six Million Three Hundred Fourteen Thousand Two Hundred and Fifty Dollars (\$6,314,250.00). This Subdivision Development Lien is established pursuant to Government Code Section 66499(a)(4), to secure the performance of the Developer's obligations contained in this Agreement. The Subdivision Development Lien shall be in first position, and shall not be subordinate to any other lien or deed of trust on the Property.

To the extent that it is necessary for some other lienholder(s) to subordinate its/their lien(s) on the Property in order to ensure that the Subdivision Development Lien is in first position, the Developer shall obtain from said lienholder(s) a subordination of lien agreement in a form approved by the City in its sole discretion.

2. Construction and Installation of Improvements. Developer shall construct and install all Improvements as hereinafter provided:

2.1. Performance of Work. Developer, at its sole cost and expense, will complete the Improvements for the Property, including, without limitation, any and all grading of the lots, grading and paving of streets, construction of curbs and gutters, cross gutters and sidewalks, installation of drainage and sanitary sewerage facilities, provision of an underground utility and street lighting system, installation of street signs, parkway trees, a water system and all related facilities, to the extent required by the Approved Plans. Developer will perform all work and furnish all materials necessary, in the opinion of the City Engineer, to complete the Improvements in accordance with the Approved Plans or with any changes or modifications required or ordered by the City Engineer which, in his or her reasonable determination, are necessary or required to complete the Improvements. At all times until the Improvements have been completed and accepted by the City, Developer shall maintain the subdivision Improvements and adjacent portions of the Property clear of all debris, weeds, and other materials which inhibit the performance of the Improvements or become a public nuisance. Should the Developer fail to do so, the City may, at its option, upon seven (7) days advance written notice to Developer, perform the necessary weed abatement and debris removal, and Developer shall pay to the City the actual cost of such maintenance plus fifteen percent (15%).

2.2. Work, Places and Grades to be Fixed by Engineer. All of the work of Improvements is to be done at the places, with the materials, in the manner and at the grades shown in the Approved Plans and to the satisfaction of the City Engineer.

2.3. Repairs and Replacements. Developer shall replace, or have replaced, or repair, or have repaired, as the case may be, all survey monuments shown on the Map which have been damaged, disturbed, or obliterated by reason of any work done hereunder. In addition, Developer shall replace, or have replaced, repair, or have repaired, as the case may be, or pay to the owner, the entire cost of replacement or repairs of any and all property damaged or destroyed by reason of any work of Developer done hereunder. Any such repair or replacement pursuant to this Section 2.3 shall be to the satisfaction and subject to the approval of the Development Services Director.

2.4. Supervision by Developer. Developer shall personally supervise the work of Improvements, or have a competent foreman or superintendent on the work at all times during progress, with authority to act for Developer.

2.5. Inspection by City. Developer shall at all times maintain proper facilities and provide safe access for inspection by City, to all parts of the work, and to the shops wherein the work is in preparation.

2.6. Commencement of Work of Improvements. Developer shall commence the work of Improvements on or before the third (3rd) anniversary of the Date of Agreement, as hereinafter defined, (the "Commencement Date"), or within such further time as may be granted by the City Council in its sole discretion.

2.7. Completion of Work of Improvements. Developer shall complete all work of Improvements within three (3) years from the Commencement Date, or within such further time as may be granted by the City Council in its sole discretion. Work of Improvements will be deemed complete on the date that the City Council authorizes final acceptance of the Improvements.

3. Permits and Fees.

3.1. Permits: Compliance with Law. Developer shall, at Developer's expense, obtain all necessary permits and licenses for the construction of the Improvements, give all necessary notices and pay all fees and taxes required by law.

3.2. Cash Charges. Developer shall pay to the City in cash such subdivision fees ("Cash Charges") that have been established by ordinance or by the City Council in conferring approval or extension of time to said Subdivision.

4. Substitution of Security and Termination of the Subdivision Development Lien. Prior and as a condition precedent to the City issuing any building permit relative to the Property after the Date of Agreement, the Developer shall provide the City with substitute improvement security ("Substitute Security") consisting of security for the faithful performance of this Agreement, security for the payment of all persons performing labor and furnishing materials for the construction of the Improvements, security for grading the Property, and security for the setting of monuments shown on the Map. The City agrees to terminate the Subdivision Development Lien following receipt of acceptable Substitute Security. Substitute Security and termination of the Subdivision Development Lien shall be subject to the requirements set forth in this Section 4.

4.1. Security for Faithful Performance and for Payment of Labor and Materials.

This portion of the Substitute Security shall be executed by a surety acceptable to the City in its sole and absolute discretion and shall include the following: (1) security in an amount equal to at least one hundred percent (100%) of the estimated cost to complete the Improvements as security for the faithful performance of this Agreement and; (2) separate security in an amount equal to at least fifty percent (50%) of the estimated cost to complete the Improvements as security for the payment of all persons performing labor and furnishing materials to construct the Improvements pursuant to this Agreement. If at any time after deposit of this portion of the Substitute Security, the surety on said securities is no longer acceptable to the City, Developer agrees to replace said securities with an acceptable surety within ten (10) days after receiving notice that said surety is unacceptable.

4.2. Security for Grading.

This portion of the Substitute Security shall be executed by a surety acceptable to the City in its sole and absolute discretion for the security in an amount equal to at least one hundred percent (100%) of the estimated cost of all grading required under the Approved Plans.

4.3. Off-Site Impact Fees.

Nothing in this Agreement shall relieve Developer of its obligation to pay, prior to issuance of a building permit for each residential dwelling unit to be constructed on the Property, all City and other agency impact fees that are required to be paid as a condition of permit issuance under applicable law.

4.4. Monument Security.

Prior to commencement of any work on Property the Developer shall submit a new Monument Security which shall consist of a cash deposit or cashier's check in an amount determined by the City, as security for the faithful performance of all work of setting monuments for the entire Map and as security for the payment of the engineer(s) or surveyor(s) who set said monuments. If after depositing the Monument Security, Developer refuses or fails to complete the work of setting monuments, or if Developer refuses or fails to pay the engineer(s) or surveyor(s) for setting the monuments, the City shall have the right to expend all, or any portion of the Monument Security without notice to Developer, for purposes of completing the setting of monuments and/or paying said engineer(s) or surveyor(s).

4.5. Termination of Subdivision Development Lien.

No later than thirty (30) days following City's acceptance of the Substitute Security, the City shall cause to be duly executed and acknowledged by City and recorded with the office of the County Recorder of Los Angeles County, an instrument which shall terminate the Subdivision Development Lien created by this Agreement. Upon recording of said instrument, the Subdivision Development Lien shall be of no further force or effect. Notwithstanding the foregoing, the rest of this Agreement shall remain in full force and effect.

5. Warranty Period and Retention of Substitute Security.

5.1. Repair or Reconstruction of Defective Work.

If within a period of one (1) year after final acceptance of the work performed under this Agreement, any structure or part of any structure furnished and/or installed or constructed, or caused to be installed or constructed by Developer, or any of the work done under this Agreement, fails to fulfill any of the requirements of this Agreement or the specifications referred to herein, Developer shall, without delay and

without cost to City, repair or replace or reconstruct any defective or otherwise unsatisfactory part or parts of the work or structure. Should Developer fail to act promptly or in accordance with this requirement, or should the exigencies of the case require repairs or replacements to be made before Developer can be notified, City may, at its option, make the necessary repairs or replacements or perform the necessary work and Developer shall pay to the City the actual cost of such repairs plus fifteen percent (15%).

5.2. Retention of Security for Faithful Performance and Payment of Labor and Materials. The City shall retain at least ten percent (10%) of the security for faithful performance for a period of one (1) year after final acceptance of the work performed under this Agreement, to guarantee corrective work throughout the one (1) year warranty period described in Section 5.1 herein. The security for payment of labor and materials shall be retained by City for a period of ninety (90) days after final acceptance of the Improvements. Ninety (90) days after said final acceptance, the security for payment of labor and materials may be reduced to an amount equal to the amount of all claims, for which claims of lien have been recorded and notice given in writing to the City Council. The balance of the security for payment of labor and materials shall be retained until the settlement of all such claims and obligations for which security was given.

5.3. Retention of Monument Security. The Monument Security shall be retained by City until all of the following conditions have been met: (1) all work of setting monuments has been completed; (2) all work of setting monuments has been approved and accepted by City Council; and (3) City has received written verification from surveyor(s) or engineer(s) that he/she/they have been paid in full for such work.

6. Default by Developer. The following events shall constitute an “Event of Default”:

- a. Failure or delay by the Developer or any of Developer’s contractors, subcontractors, agents or employees to perform any term or provision of this Agreement; or
- b. The Developer’s refusal or failure to commence construction of the required grading and Improvements within the time specified herein, or any extensions thereof; or
- c. The Developer’s refusal or failure to obtain prosecution of the work, or any severable part thereof, with such diligence as will insure completion of the required Improvements within the time specified herein, or any extensions thereof; or
- d. The Developer’s refusal or failure to complete the required Improvements within the time specified herein, or any extensions thereof; or
- e. The Developer’s refusal or failure to provide the City with acceptable Substitute Security in accordance with the provisions of this Agreement; or
- f. The Developer is adjudged bankrupt, the Developer makes a general assignment for the benefit of Developer’s creditors, or a receiver is appointed in the event of Developer’s insolvency.

7. Remedies.

7.1. Remedies Prior to Substitution of Security. Prior to the substitution of security and upon the occurrence of any Event of Default, the City may pursue any and all rights and remedies available at law or in equity, including without limitation:

- a. Any action at law or in equity as may be permitted by this Agreement in order to recover all damages necessary to compensate the City for the Developer's failure to perform its agreements, obligations or undertakings hereunder; or otherwise arising out of the events of default; or
- b. Reversion of the Property to acreage pursuant to Government Code Section 66499.11 *et seq.* and all other applicable law.

7.2. Remedies Following Substitution of Security. Following substitution of the security and upon the occurrence of any Event of Default, the City may pursue, in addition to those remedies set forth in Section 7.1 above, any and all rights and remedies available at law, in equity, or under the terms of this Agreement that the City has against the Developer and/or surety(ies) which issued the security for faithful performance and security for payment of labor and materials.

8. Performance by Surety.

8.1. Notice of Breach and Default. If any Event of Default occurs after substitution of security, the City shall serve written notice upon Developer and Developer's surety of the occurrence of an Event of Default, and Developer's breach of this Agreement.

8.2. Occurrence of Event of Default; Performance by Surety or City. In the event of any such notice of breach, Developer's surety shall have the duty to take over and complete the work and the Improvements herein specified, provided however, that if the surety, within thirty (30) days after the serving upon it of such notice of breach, does not give City written notice of its intention to take over the performance of said work and Improvements, or if surety does not commence performance thereof within thirty (30) days after notice to City of such election, City may take over the work and prosecute the same to completion, by contract or by any other method City may deem advisable, for the account and at the expense of the Developer, and Developer's surety shall be liable to City for any excess cost or damages occasioned City thereby; and, in such event, City, without liability for so doing, may take possession of, and utilize in completing the work, such materials, appliances, plant and other property belonging to Developer as may be on the site of the work and necessary therefor.

9. Release of Original Developer's Security. Within thirty (30) days after recordation of this Agreement on the Property and after Developer has cleaned the site of any debris and removed any leftover building materials –including approximately two hundred 84” reinforced concrete pipes, City shall (a) release and return all improvement security deposited with City for the Tract by or on behalf of the Original Developer (collectively, the “Original Developer's Security”), including, without limitation, City of Lancaster Bonds for Faithful Performance numbered CWS70245, CWS70246, and CWS70247 in the penal sum of \$4,272,000.00, City of Lancaster Bonds for Labor and Materials numbered CWS70245, CWS70246, and CWS70247 in the penal sum of \$2,136,000.00, and Grading Permit Bond number CWS70124 in the penal sum of \$676,544.25 (all issued by Western Insurance

Company) and (b) withdraw all claims against Western Insurance Company arising out of or with respect to the Original Developer's Security.

10. General Provisions.

10.1. Hold-Harmless Agreement. Developer hereby binds itself, its executors, administrators and assigns and agrees to indemnify, defend and hold City, its elective and appointive boards, commissions, officers, agents and employees, harmless from any liability for or claims for damage for personal injury, including death, as well as from claims for damage to property, both real and personal, which may arise from or be caused by Developer or Developer's contractors, subcontractors, agents or employees' operations under this Agreement. Developer agrees to, and shall, defend City and its elective and appointive boards, commissions, officers, agents and employees from any suits or actions at law or in equity for damage caused, or alleged to have been caused, by reason of any of the aforesaid operations. It is understood that City does not, and shall not waive any right against Developer which it may have by reason of the aforesaid hold-harmless agreement, because of the acceptance by City, or the deposit with City by Developer, of the Substitute Security or Cash Charges. It is further understood that this Section shall apply to all damages of every kind suffered, or alleged to have been suffered, by reason of any of the aforesaid operations referred to in this Section, regardless of whether the City has prepared, supplied or approved of, plans and/or specifications for the Subdivision.

10.2. Relationship between City and Developer. It is hereby acknowledged that the relationship between City and Developer is not that of a partnership or joint venture. Neither Developer nor any of the Developer's agents or contractors are or shall be considered to be agents of City in connection with the performance of Developer's obligations under this Agreement. Developer agrees to indemnify, hold harmless and defend City from any claim made against City arising from a claimed relationship of partnership or joint venture between City and Developer with respect to the performance of Developer's obligations under this Agreement.

10.3. Time of Essence - Extension. Time is of the essence with respect to the performance by Developer of each and every obligation and condition of this Agreement; provided, that in the event good cause is shown therefor, the City Council may extend the time for commencement of work of Improvements, and/or the time for completion of the Improvements hereunder. Any such extension may be granted without notice to any surety who issues security for faithful performance and/or security for payment of labor and materials pursuant to this Agreement, and extensions so granted shall not relieve the surety of its liability under the security to secure the faithful performance of this Agreement. The City Council shall be the sole and final judge as to whether or not good cause has been shown to entitle Developer to an extension.

10.4. Emergencies. If, in the judgment of the City Engineer, conditions exist that cause, or may cause, a hazard to life or property, the City Engineer may cause such conditions to be modified on an emergency basis without notice to the Developer. Neither the City Engineer, the City or its agents shall be held liable to the Developer for damages arising out of such emergency actions and to the extent that the actions taken are for the maintenance of safety to life and property that would not have existed had the Developer's operations not been in progress, the cost of such emergency measures so taken by the City shall be reimbursed to the City by the Developer.

10.5. Attorneys' Fees. In addition to any other amounts to be paid by Developer hereunder, Developer shall pay all costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by the City in successfully enforcing the Subdivision Development Lien and/or Substitute Security furnished by Developer hereunder.

10.6. Notices. All notices and other communications hereunder shall be in writing and mailed via certified mail, postage prepaid, return receipt requested, or personally delivered to the appropriate party at the address set forth below or, as to any party, at any other address in the State of California as shall be designated by it in a written notice sent to the other party. Notices shall be effective when personally delivered or upon the third (3rd) day after deposit in the United States mail, registered or certified, postage prepaid, return receipt requested.

To City:

City of Lancaster
44933 Fern Avenue
Lancaster, CA 93534-2461
Attn: City Engineer

To Developer:

Ronald J. Mayer
100 S. Citrus Avenue
Los Angeles, CA 90036

10.7. Alteration of Agreement; No Effect on Substitute Security. Any addition, alterations, or modifications of or to this Agreement, in order to become effective, shall be made in writing and in each instance signed on behalf of each party. Developer hereby stipulates and agrees that no addition, alterations or modifications of or to this Agreement or to the plans and specifications referred to herein, including any extension of time within which the work hereunder may be completed, shall in any way affect its obligations on the Substitute Security to be furnished hereunder.

10.8. Surety to Include Issuer of Letter of Credit. The term surety as used herein shall include the issuer of any letter of credit which is acceptable to the City as Substitute Security under this Agreement.

10.9. Severability. If any portion of this Agreement is declared by a court of competent jurisdiction to be invalid or unenforceable, the remaining provisions of this Agreement shall continue in full force and effect.

10.10. Successors and Assigns. All of the terms and conditions of this Agreement shall be binding upon and shall inure to the benefit of the parties, their respective heirs, successors, representatives, assigns, officers, directors, agents, partners, servants, employees, and affiliated corporations or companies.

10.11. Headings. The headings contained in this Agreement have been inserted for convenience only and in no way define or limit the scope of interpretation of this Agreement.

10.12. No Waiver. A waiver by either party of a breach of any of the covenants, conditions or agreements under this Agreement to be performed by the other party shall not be

construed as a waiver of any succeeding breach of the same or other covenants, agreements, restrictions or conditions of this Agreement.

10.13. Corporate Authority. Each individual executing this Agreement on behalf of a public or private corporation, nonprofit corporation, partnership or other entity or organization, represents and warrants that he or she is duly authorized to execute and deliver this Agreement on behalf of said corporation, partnership, entity, or organization and that this Agreement is binding upon same in accordance with its terms. Developer shall, at City's request, deliver a certified copy of its Board of Director's resolution or certificate authorizing or evidencing such execution.

10.14. Controlling Law. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

[Signatures appear on following page]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first written above.

CITY:

CITY OF LANCASTER, a California municipal corporation and charter city

By: _____

Name: _____

Its: _____

APPROVED AS TO FORM:

City Attorney

DEVELOPER:

SAPPHIRE DUNES, LLC, a California limited liability company

By: _____

Name: _____

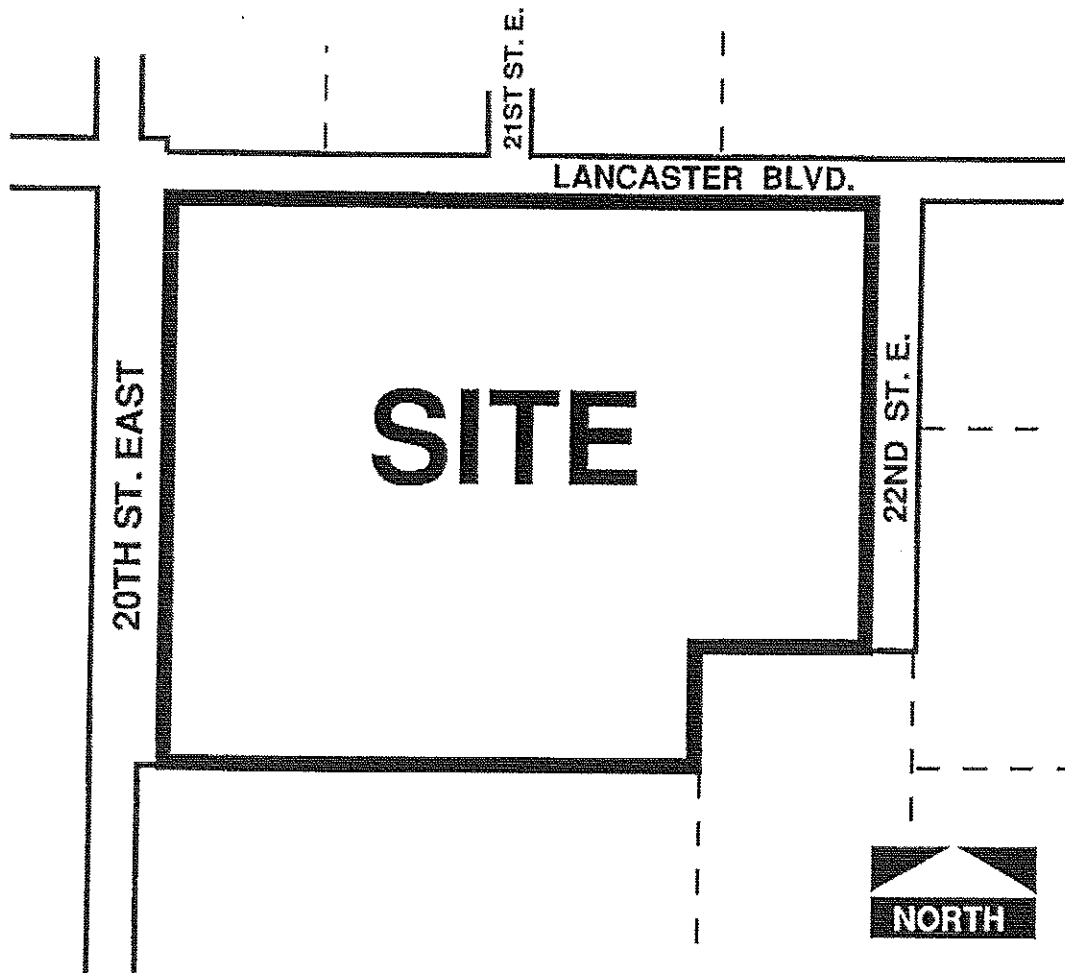
Its: _____

**DEVELOPER SIGNATURES MUST BE
ACKNOWLEDGED BY NOTARY**

EXHIBIT "A"

LEGAL DESCRIPTION OF PROPERTY

ALL OF TRACT 54025 IN SECTION 18, TOWNSHIP 7 NORTH, RANGE 11 WEST, SAN BERNARDINO MERIDIAN, IN THE CITY OF LANCASTER, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA. AS SHOWN PER MAP FILED IN BOOK 1331 PAGES 80 THROUGH 83 INCLUSIVE, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.



VICINITY MAP
TTM 54025

STAFF REPORT
City of Lancaster

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Mark V. Bozigian, City Manager
Allison E. Burns, City Attorney

Subject: **Authorize Prepayment per February 28, 2017 Amendment to September 23, 2013 Disposition and Development Agreement (DDA) with BYD Coach & Bus, LLC (BYD)**

CC 9
12/12/17
MVB

Recommendations:

- a. Authorize the City Manager to prepay the One Million Four Hundred Fifty Thousand Dollars due to BYD Coach & Bus, LLC (“BYD”) pursuant to the terms of the Disposition and Development Agreement dated as of September 24, 2013, as amended on February 28, 2017 (“DDA”) upon receipt of security in the form of a promissory note and deed of trust or other security satisfactory to the City Attorney and City Manager.
- b. Appropriate up to \$900,000 from General Fund Balance account number 101-2900-000 to expenditure account number 101-4330-998.

Fiscal Impact:

While sufficient funds are available in the adopted FY 2017-2018 Capital Improvements Budget, due to the timing of reimbursement for infrastructure completion, an advance from the General Fund of up to \$900,000 may be necessary. The General Fund will be reimbursed for any advance as construction is completed.

Background:

In September 2013, the City of Lancaster entered into a Disposition and Development Agreement (DDA) with BYD to establish and operate an electric bus manufacturing facility and an energy storage (large-scale battery) facility in Lancaster. The City agreed to provide a number of considerations as an incentive package for the new firm in return for the creation of 250 full-time jobs.

By mid-2016, BYD had not only surpassed this minimum employment requirement with approximately 400 jobs, but also had received so many orders for their top-of-the-line electric buses and emerging product line of electric work vehicles that they were bursting at the seams of their existing facility. The firm moved quickly to purchase 12.5 acres of property immediately south of its existing facility, thus allowing BYD to meet an aggressive construction timeline for expansion.

This expansion effort requires a number of off-site public improvements. Under the DDA entered into in 2013, the City agreed to provide incentives valued at \$1,450,000 in exchange for the previously referenced job creation. In the February 2017 amendment to the DDA, this amount became a credit for the required public improvements associated with the present expansion efforts, with any amount not utilized for the current project available for use in the future for further expansion projects. The DDA, as amended, requires BYD to install the public improvements, with the City reimbursing the associated costs up to \$1,450,000.

The proposed authorization now before the Council would allow the City of Lancaster to satisfy its commitment to BYD while securing the completion of the public improvements by a promissory note and deed of trust recorded against the Expansion Site, as that term is defined in Section 300 of the DDA; the promissory note will provide that it is satisfied by (a) completion of all public improvements pertaining to the Expansion Site as required by Section 302 of the DDA, as amended, within six (6) months of execution of the promissory note; and (b) completion of all public improvements pertaining to any future BYD facility located within the city within eighteen (18) months of issuance of building permits pertaining to such future facility, or within four (4) years of execution of the Promissory Note, whichever occurs first.

STAFF REPORT

City of Lancaster

CC 10
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Pam Statsmann, Finance Director

Subject: **Award Professional Services Agreement for Audit Services**

Recommendation:

Award a three year Professional Services Agreement for Audit Services, pursuant to RFP 669-18, to White Nelson Diehl Evans LLP for \$78,010 in FY 17-18, \$80,350 in FY 18-19, and \$82,765 in FY 19-20, with two optional one-year extensions and authorize the City Manager to execute such agreement.

Fiscal Impact:

This is a three year contract commencing in FY 17-18. Budget for the FY 17-18 expenditure was previously approved with the adoption of the FY 17-18 Budget.

Background:

The City's five-year contract with White Nelson Diehl Evans will conclude with the completion of the FY 16-17 Audit, Comprehensive Annual Financial Report (CAFR), and Management Letter covering FY 16-17.

The City conducted a Request for Proposal using the Public Purchase web-based bidding system in July 2017 and received five responses. A five-member committee comprised of employees from the Finance and Administration departments evaluated the five respondents' Technical Proposals.

The firms were evaluated on their responses to the proposed audit plan, proposed staffing, experience on Municipal audits, preparation of the annual State Controller's Report, GANN Limit Review Report, and Single Audit Report, and their responses to how they work with clients to comply with the changing auditing standards.

The panel unanimously chose White Nelson Diehl Evans LLP based on their expertise and experience.

PS:db

STAFF REPORT
City of Lancaster

CC 11
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Jeff Hogan, Development Services Director

Subject: **Professional Services Agreement – Procurement and Integration of Advanced Traffic Management System for North County ITS Expansion & Traffic Signal System Modernization**

Recommendation:

Approve a professional services agreement with Control Tech West, Inc., of Temecula, California, in the amount of \$663,789.00 for the procurement and integration of an Advanced Traffic Management System (ATMS) to replace the City’s existing legacy central system, traffic signal controllers, and local firmware to the next generation ATMS and authorize the City Manager, or his designee, to sign all documents.

Fiscal Impact:

\$663,789.00 to be awarded; sufficient funds are available in Capital Improvement’s Budget Account No.s’ 217-11TS001-924, 321-11TS001-924.

Background:

In 2016, Advantec Consulting Engineers, Inc., was issued a task order to complete an Advanced Traffic Management Systems Evaluation Study. The goal of the ATMS Evaluation Study was to facilitate the City of Lancaster’s decision on the selection of a system that will fit their current and future needs. Advantec studied six systems and provided the City with a report detailing the qualifications of each product based on several criteria.

Based on this report, three technically skilled City staff conducted a scored evaluation of each system. The results of the City’s evaluation determined that Intelight’s MaxView Advanced Traffic Management System software, 2070 ATC Controllers, and MaxTime local controller software is the best system available now that can meet the future needs of the City.

Specifically, City staff identified that:

- MaxView is the only thin-client architecture that has been deployed in the industry, which is an important security feature. It simplifies security and ensures data privacy.
- MaxView is the only ATMS system currently offered with an all-inclusive pricing model. In other words, MaxView includes support for intersections, ramps, CCTVs, DMS signs, and an upcoming SPS/Analytics module, all included in the system price with no additional add-on costs.
- Intelight is the only company to offer remote/local upgrades of firmware without placing the intersection in flash. Cost savings will be realized since staff will not have to physically perform upgrades.
- Intelight is the only ATMS that is capable of fully supporting the City's needs in case of an emergency. This feature will ensure that City staff can support emergency services from anywhere under emergency circumstances. This is a critical component of the City's Emergency Operations Command.
- Intelight's MaxTime provides a web server that can be accessed through any standard browser via wired and wireless Ethernet links.

For these reasons, Intelight's MaxView Advanced Traffic Management System software, 2070 ATC Controllers, and MaxTime local controller software is the best bundled system available now that can meet the needs of the City.

The Intelight bundled-system is only available for purchase in the region through Control Tech West, Inc. On October 27, 2017, the City received a proposal from Control Tech West, Inc., Intelight's regional vendor, for \$663,789.00. The Development Services Department staff sought and received the review and approval of Finance Department staff in this sole-source purchase determination.

Capital Improvement Project No. 16-001 is funded under the 2007 Metro Call for Projects. Lancaster and Palmdale were jointly awarded the respective grant funding for the North County ITS Expansion, which includes Lancaster's proposed ITS expansion scope of work. The overall project cost for the Lancaster improvements is \$1,660,821.00. Under terms of the MOU, the Los Angeles County Transportation Authority (LACMTA) will contribute up to \$1,328,656.80, representing 80% of the project costs within Lancaster, and Lancaster will contribute up to \$332,164.20, representing the committed 20% local participation.

This portion of the North County ITS Expansion includes procurement and integration of the Advanced Traffic Management System, traffic signal controllers and local firmware, and provide a connection to the LA County Information Exchange Network (IEN). Therefore, it is essential that the procurement of this product be made as soon as possible, so as to coincide with the construction component of the project, which will start in January 2018 and conclude by the end of June 2018.

AP:cv

Attachment:
Agreement

AGREEMENT FOR PROFESSIONAL CONSULTANT SERVICES

THIS AGREEMENT FOR CONSULTING SERVICES (this "AGREEMENT") is made and entered into this ____ day of _____, 20____, by and between the CITY OF LANCASTER, a municipal corporation and charter city (the "OWNER"), and Control Tech West, Inc., (the "CONSULTANT").

RECITALS

WHEREAS, OWNER desires to engage CONSULTANT to perform certain technical and professional services, as provided herein, identified as:

PROCUREMENT AND INTEGRATION OF ADVANCED TRAFFIC MANAGEMENT SYSTEM FOR NORTH COUNTY ITS EXPANSION

WHEREAS, the principal members of CONSULTANT are qualified and duly registered/licensed under the laws of the State of California, and CONSULTANT desires to accept such engagement;

NOW, THEREFORE, the parties agree as follows:

1. **Parties to the AGREEMENT.**

The parties to this AGREEMENT are:

- A. OWNER: City of Lancaster
- B. CONSULTANT: Control Tech West, Inc.

2. **Notices.** All written notices required by or related to this AGREEMENT shall be sent by Certified Mail, Return Receipt Requested, postage prepaid and addressed as listed below. Neither party to this AGREEMENT shall refuse to accept such mail; parties to this AGREEMENT shall promptly inform the other party of any changes of address. All notices required by this AGREEMENT are effective on the day of receipt, unless otherwise indicated herein.

OWNER Development Services Director
 City of Lancaster
 44933 North Fern Avenue
 Lancaster, California 93534

CONSULTANT William E. Brown Jr., Vice President
 Control Tech West, Inc.
 43391 Business Park Drive, Suite c-8
 Temecula, California 92590

3. **Successors and Assigns.** The terms hereof shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto; provided, however, that no party hereto shall assign any of the benefits and burdens hereunder, whether voluntarily or by operation of law, without prior written consent of the other party, and any such assignments without said consent shall be void.

4. **Incorporation by Reference.** The CONSULTANT'S Proposal is hereby incorporated in and made a part of this AGREEMENT. CONSULTANT agrees to comply with all of the requirements set forth therein.

5. **Precedence of AGREEMENT Documents.** If there is a conflict between AGREEMENT documents, the document highest in precedence shall control. The precedence shall be:

- First: This AGREEMENT consisting of nine pages
- Second: The CONSULTANT'S Proposal

6. **Description of Work.** OWNER hereby engages CONSULTANT, and CONSULTANT accepts such engagement, to perform the technical and professional services set forth in the "Scope of Services" attached hereto as Exhibit "A". CONSULTANT shall perform and complete, in a manner satisfactory to OWNER, all work and services set forth in Exhibit "A". The Development Services Director or his designee shall have the right to review and inspect the work during the course of its performance at such times as may be specified by the Development Services Director or his designee.

7. **Obligations of the OWNER.**

A. The total compensation to be paid by OWNER to CONSULTANT for all work and services described in Exhibit "A" is not to exceed \$ 663,789.00. CONSULTANT'S fees and charges for the work and services performed shall in no event exceed those set forth in Exhibit "B" attached hereto and made a part hereof.

B. No payment made hereunder by OWNER to CONSULTANT, other than the final payment, shall be construed as an acceptance by OWNER of any work or materials, nor as evidence of satisfactory performance by CONSULTANT of its obligations under this AGREEMENT.

8. **Obligations of the CONSULTANT.**

A. CONSULTANT shall perform as required by this AGREEMENT. CONSULTANT also warrants on behalf of itself and all subcontractors engaged for the performance of this AGREEMENT.

B. CONSULTANT shall be responsible for payment of all employees' and subcontractor's wages and benefits, and shall comply with all requirements pertaining to employer's liability, workers' compensation, unemployment insurance, and Social Security.

9. **Audit.** OWNER shall have the option of inspecting and/or auditing all records and other written materials used by CONSULTANT in preparing its statements to OWNER as a condition precedent to any payment to CONSULTANT.

10. **Hold Harmless and Indemnification.** CONSULTANT agrees to indemnify and hold harmless the OWNER, its officers and employees, from and against any and all claims, losses, obligations, or liabilities whatsoever, including reasonable Attorney's fees, incurred in or in any manner arising out of or related to CONSULTANT'S negligent or willful wrongful acts, errors or omissions, or those of its employees or agents. CONSULTANT agrees to defend OWNER, its officers and employees, from and against any and all claims arising from any alleged negligent or wrongful acts, errors or omissions on the part of CONSULTANT or on the part of its employees.

11. **Amendments.** Any amendment, modification, or variation from the terms of this AGREEMENT shall be in writing and shall be effective only upon mutual written approval by the Development Services Director and CONSULTANT.

12. **Non-Discrimination and Equal Employment Opportunity.**

A. In the performance of this AGREEMENT, CONSULTANT shall not discriminate against any employee, subcontractor, or applicant for employment because of race, color, religion, ancestry, sex, national origin, physical or mental disability or age. CONSULTANT will take affirmative action to ensure that subcontractors and applicants are employed, and that employees are treated during employment without regard to their race, color, religion, ancestry, sex, national origin, physical or mental disability or age. Affirmative action relating to employment shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship.

B. The provisions of subsection A above shall be included in all solicitations or advertisements placed by or on behalf of CONSULTANT for personnel to perform any services under this AGREEMENT. OWNER shall have access to all documents, data and records of CONSULTANT and its subcontractors for purposes of determining compliance with the equal employment opportunity and non-discrimination provisions of this Section.

13. **Termination for Convenience.** The governing board of the OWNER may terminate this AGREEMENT at any time without cause by giving fifteen (15) days written notice to CONSULTANT of such termination and specifying the effective date thereof. In that event, all finished or unfinished documents and other materials shall, at the option of OWNER, become the OWNER's property. If this AGREEMENT is terminated by OWNER as provided herein, CONSULTANT will be paid a total amount equal to its costs as of the termination date, plus ten percent (10%) of that amount for profit. In no event shall the amount payable upon termination exceed the total maximum compensation provided for in this AGREEMENT.

14. **Termination for Cause.**

A. The governing board of the OWNER may, by written notice to CONSULTANT, terminate the whole or any part of this AGREEMENT in any of the following circumstances:

(1) If CONSULTANT fails to perform the services required by this AGREEMENT within the time specified herein or any authorized extension thereof; or

(2) If CONSULTANT fails to perform the services called for by this AGREEMENT or so fails to make progress as to endanger performance of this AGREEMENT in accordance with its terms, and in either of these circumstances does not correct such failure within a period of ten (10) days (or such longer period that OWNER may authorize in writing) after receipt of notice from OWNER specifying such failure.

B. In the event OWNER terminates this AGREEMENT in whole or in part as provided above in paragraph A of this Section, OWNER may procure, upon such terms and in such manner as it may deem appropriate, services similar to those terminated.

C. If this AGREEMENT is terminated as provided above in paragraph A, OWNER may require CONSULTANT to provide all finished or unfinished documents, data, studies, drawings, maps, photographs, reports, etc., prepared by CONSULTANT. Upon such termination, CONSULTANT shall be paid an amount equal to the contract amount, less the cost of hiring another CONSULTANT to complete CONSULTANT's services. In the event no new CONSULTANT is employed, CONSULTANT shall be paid an amount equal to the value of the work performed. In ascertaining the value of the work performed up to the date of termination, consideration shall be given to completed work and work in progress, complete and incomplete drawings, and other documents whether delivered to OWNER or in possession of CONSULTANT, and authorized reimbursement expenses.

D. If, after notice of termination of the AGREEMENT under the provisions of this Section, it is determined, for any reason, that CONSULTANT was not in default, or that the default was excusable, then the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Section 13.

15. **Independent Contractor.** CONSULTANT is an independent contractor and shall have no power or authority to incur any debt, obligation or liability on behalf of the OWNER. It is expressly understood between the parties to this AGREEMENT that no employee/employer relationship is intended; CONSULTANT is an independent contractor.

16. **Insurance.**

A. (1) The CONSULTANT, at its expense, shall maintain in effect at all times during the term of this AGREEMENT the following coverage and limits of insurance, which shall be maintained with insurers listed "A-, VIII" or better in the Best's Key Rating Guide:

Commercial General Liability

Each Occurrence	\$1,000,000
Per Project General Aggregate	\$2,000,000
Including Products/Completed Operations	
Including Contractual Liability/Independent Contractors	
Including Property Damage	
(Coverage shall be at least as broad as ISO form CG2010 11/85 or CG2010 07/04 and CG2037 07/04 combined, or an equivalent providing ongoing and completed operations)	

Commercial Automobile Liability

Combined Single Limit per Accident for Bodily Injury and Property Damage	\$1,000,000
(Coverage shall be at least as broad as ISO form CA00 01)	

Workers Compensation

As Required by the State of California	Statutory Limits
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Employer's Liability

Each Accident	\$1,000,000
Bodily Injury by Disease	\$1,000,000
Each Employee	\$1,000,000
(A Waiver of Subrogation must be provided on behalf of the Certificate Holder for the Workers Compensation & Employers' Liability policies)	

Professional Liability

Each Occurrence	\$1,000,000
General Aggregate	\$1,000,000

B. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insured's liability.

C. Professional liability and/or cyber insurance written on a "claims made" basis must be renewed for a period of three (3) years after this contract expires or is terminated. Such insurance must have the same coverage and limits as the policy that was in effect during the term of this contract and will cover Consultant for all claims made by the City insured entities arising out of any acts or omissions of Consultant or its officers, employees, or agents during the time this Agreement was in effect.

D. Any deductibles or self-insurance retentions must be declared and approved by the City. At the City's option, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City insured entities or the insurer shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

E. All insurance shall be primary and non-contributory as respects the City insured entities. Any insurance or self-insurance maintained by the City insured entities shall be in excess of the Consultant's insurance and shall not contribute with it.

F. Consultant shall furnish the City with Certificates of Insurance and with Original endorsements effecting coverage required by this Agreement. Certificates of insurance shall meet the following requirements:

(1) Show that the insurance policy has been endorsed to state that shall not be suspended, voided, cancelled, reduced in coverage or in limits except after 30 days prior written notice (10 days written notice for non-payment) to the City of Lancaster.

(2) List in the "Descriptions of Operations/Locations/Vehicles" section:

"Procurement and Integration of Advanced Traffic Management System for North County ITS Expansion.

The City of Lancaster, its elected officials, officers, employees, and volunteers are included as additional covered parties, but only insofar as the operations under this contract are concerned."

(3) List in the "Certificate Holder" section:

The City of Lancaster
44933 Fern Avenue
Lancaster, California 93534

G. Consultant shall include all subcontractors as an insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. Subcontractors are subject to the same insurance requirements as the Consultant.

H. The coverage shall contain no special limitations on the scope of protection afforded to the insured entities. The consultant's insurance coverage shall be primary insurance as respects the City's insured entities.

17. **Commencement and Completion of Work.** The execution of this AGREEMENT by the parties does not constitute an authorization to proceed. The services of CONSULTANT shall commence when the OWNER, acting by and through its Development Services Director or his designee, has issued the Notice to Proceed.

CONSULTANT shall have no claim for compensation for any services or work which has not been authorized by the OWNER's Notice to Proceed.

18. **Extension of Time for Completion of Work.**

A. If, at any time, the work is delayed due to suspension order by OWNER, or due to any other cause which, in the reasonable opinion of the OWNER, is unforeseeable and

beyond the control and not attributable to the fault or negligence of CONSULTANT, then CONSULTANT shall be entitled to an extension of time equal to said delay, subject to the OWNER's right to terminate this AGREEMENT pursuant to Section 13.

B. CONSULTANT shall submit to OWNER a written request for an extension of time within ten (10) days after commencement of such delay, and failure to do so shall constitute a waiver thereof. OWNER shall, in its sole discretion, determine whether and to what extent any extensions of time shall be permitted.

C. No extension of time requested or granted hereunder shall entitle CONSULTANT to additional compensation unless, as a consequence of such extension, additional work must be performed. In such event, OWNER shall in good faith consider any request for additional compensation submitted by CONSULTANT.

19. **Ownership of Documents.** All plans, specifications, reports, studies, tracings, maps and other documents prepared or obtained by CONSULTANT in the course of performing the work required by this AGREEMENT shall be the property of the OWNER. Basic survey notes, sketches, charts, computations and similar data prepared or obtained by CONSULTANT under this AGREEMENT shall, upon request, be made available to OWNER without restriction or limitation on their use.

20. **Data Provided to CONSULTANT.** OWNER shall provide to CONSULTANT, without charge, all data, including reports, records, maps and other information, now in the OWNER's possession which may facilitate the timely performance of the work described in Exhibit "A".

21. **CONSULTANT's Warranties and Representations.**

CONSULTANT warrants and represents to OWNER as follows:

A. CONSULTANT has not employed or retained any person or entity, other than a bona fide employee working exclusively for CONSULTANT, to solicit or obtain this AGREEMENT.

B. CONSULTANT has not paid or agreed to pay any person or entity, other than a bona fide employee working exclusively for CONSULTANT, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the execution of this AGREEMENT. Upon any breach or violation of this warranty, OWNER shall have the right, in its sole discretion, to terminate this AGREEMENT without further liability, or, in the alternative, to deduct from any sums payable hereunder the full amount or value of any such fee, commission, percentage or gift.

C. CONSULTANT has no knowledge that any officer or employee of the OWNER has any interest, whether contractual, noncontractual, financial, proprietary, or otherwise, in this transaction or in the business of the CONSULTANT, and that if any such interest comes to the knowledge of CONSULTANT at any time, a complete written disclosure of

such interest will be made to OWNER, even if such interest would not be deemed a prohibited "conflict of interest" under applicable laws.

D. Upon the execution of this AGREEMENT, CONSULTANT has no interest, direct or indirect, in any transaction or business entity which would conflict with or in any manner hinder the performance of services and work required by this AGREEMENT, nor shall any such interest be acquired during the term of this AGREEMENT.

22. **Resolution of Disputes.**

A. Disputes regarding the interpretation or application of any provisions of this AGREEMENT shall, to the extent reasonably feasible, be resolved through good faith negotiations between the parties.

B. If the parties cannot resolve the dispute through good faith negotiations, either party may give Notice of Dispute to the other party. The Notice of Dispute shall state the nature of the dispute and the corrective action necessary to remedy the dispute.

After Notice of Dispute, the parties shall first attempt to resolve any disputes by mediation. The parties shall agree on a single mediator. Mediation shall be conducted in Lancaster, California. Each party shall pay its own attorneys' fees and the costs of mediation shall be split equally between the parties.

If the dispute has not been resolved by mediation within 45 days after Notice of Dispute, or the parties are unable to agree to a mediator, within 15 days after Notice of Dispute, then, the dispute may, upon agreement of the parties be resolved by binding arbitration.

23. **Exhibits.**

The following exhibits to which reference is made in this AGREEMENT are deemed incorporated herein in their entirety:

Exhibit "A" Scope of Services

Exhibit "B" Term, Payment and Time for Commencement and Completion Clause

24. **Governing Law.**

This AGREEMENT shall be governed by the laws of the State of California.

25. **Effective Date.**

This AGREEMENT shall become effective as of the date set forth below on which the last of the parties, whether OWNER or CONSULTANT, executes said AGREEMENT.

IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed and attested by their respective officers thereunto duly authorized.

“OWNER”
CITY OF LANCASTER
LANCASTER, CALIFORNIA

Approved By Department Head:

By: _____
Jeff Hogan, Development Services Director

Dated: _____

By: _____
Mark V. Bozigian, City Manager

Dated: _____

"CONSULTANT"
CT West, Inc.

By: _____
William E. Brown, Jr., Vice President

Dated: _____

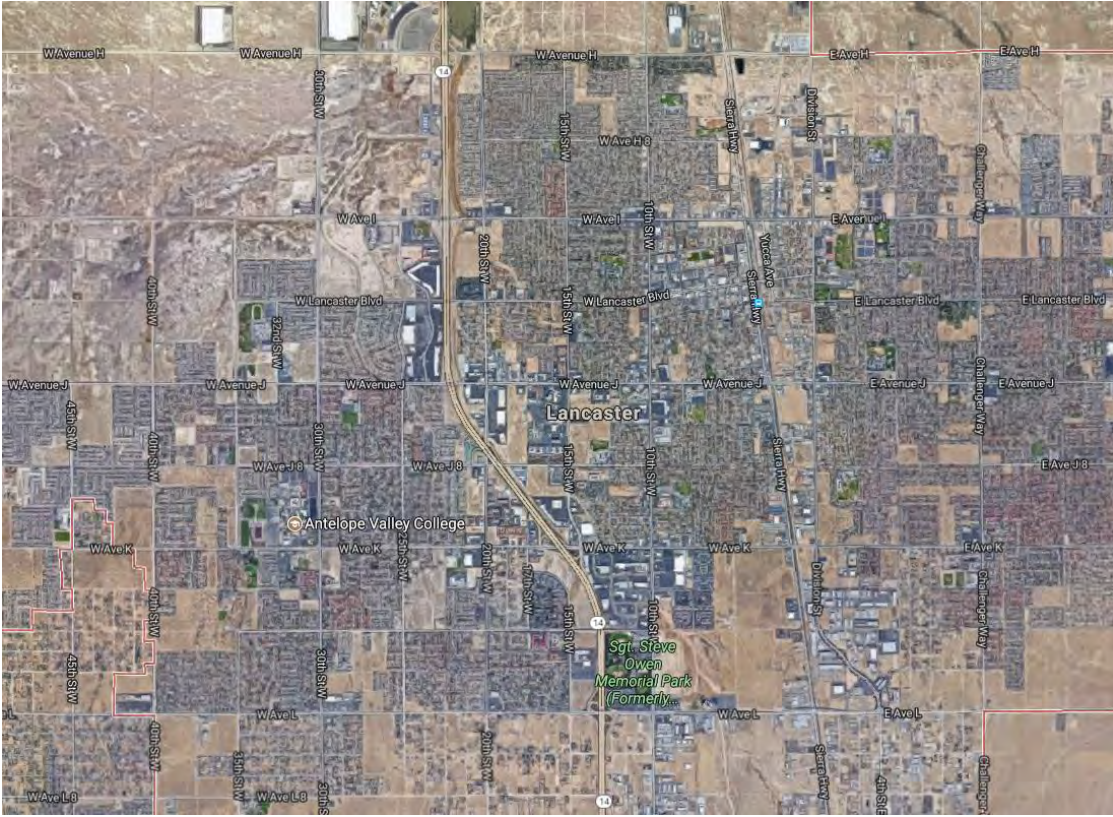
ATTEST:

Britt Avrit, MMC
City Clerk

APPROVED AS TO FORM:

Jocelyn Corbett
City Attorney

Proposal for Traffic Signal Central System City of Lancaster, California



Control Tech West, Inc.
November 16, 2017

November 16, 2017

City of Lancaster, CA
615 West Avenue H
Lancaster, CA 93534-7608
Attention: Alan Perkins



Dear Mr. Perkins,

Control Tech West, Inc. is pleased to submit the attached proposal for an Intelight MaxView Advanced Traffic Management System. It is our understanding that the City of Lancaster is wanting to upgrade their existing system software and local controllers to a next generation ATMS system. Our unique team has over 35 years of experience in the traffic signal industry and includes Professional Traffic Operations Engineers, Systems Integration Specialist, network experts, and experienced IMSA certified Traffic Signal Technicians. Our primary goal is to work as an extension of the City's staff providing Central System Software, controller hardware, local software and timely, effective support and training. The Intelight products are fully compliant with national specifications such as the ITE/NEMA/AASHTO defined ATC controller and NTCIP, the national communications framework.

Intelight has built its local controller software, MaxTime, and its central system software, MaxView, directly from the current NTCIP, NEMA, MUTCD, and FHWA standards as opposed to adapting older software to the newer standards. In addition to being fully NTCIP compliant, their cost-effective signal controllers feature on-board Ethernet switches and video encoders, providing the newest technologies available in one, integrated hardware solution; developed to be user friendly and easily adaptable.

Please find our qualifications, central system and controller functionality descriptions, and other pertinent information on the following pages. Our dynamic and innovative product capabilities and extensive experience with true field applications will enable our team to help the City of Lancaster accomplish everyone's goal, to provide ***The Intelligent Transportation Solution*** to the end user.

Regards,

Control Tech West, Inc.

William E. Brown Jr.
Vice President

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Introduction

Control Tech West, Inc. is proposing furnishing and installing a next-generation MaxView Advanced Traffic Management System in the City of Lancaster along with Advanced Transportation Controllers (ATC) meeting the latest ATE/NEMA/AASHTO ATC specifications. The City of Lancaster currently has legacy controller hardware made up of Model 170 controllers that simply will not meet the needs of the City as they move forward with the new transportation programs. We are proposing replacing the existing 170 controllers with 2070/ATC controllers.

Executive Summary

Control Tech West, Inc., and their partner Intelight, Inc. have been providing innovative solutions to the transportation industry for the past 6 years. Both companies take immense pride in offering leading edge products combined with a level of support that is unparalleled in the industry. The two companies envision their role as being more than just a supplier. We will work side-by-side with the City, becoming a technical extension of the City's staff and assisting them in making this a successful project.

The hardware and software being proposed on this project has been designed from the ground up to support the latest industry standards such as the National Transportation Communications for ITS Protocol (NTCIP) and the Advanced Transportation Controller (ATC). Control Tech West, Inc. and Intelight, Inc. are committed to supporting the open standards in the manner for which they were intended. Both hardware and software platforms represent the latest available technologies that will not only meet the City's current needs, but will serve the City for many years to come.

The thin client architecture of the MaxView central software reduces installation efforts as well as on-going system maintenance. The only installation of software is on the MaxView server. No client installations are needed. The only requirement for workstations is that they have one of the commercially available browsers installed that will support Microsoft Silverlight. Example browsers would be Internet Explorer, Google Chrome or Firefox. When upgrades to MaxView are available, once again, only the MaxView server needs to be upgraded.

Control Tech West and Intelight are assuming an IP/Ethernet based communications system. Because of the high-resolution data collected, serial communication is no longer a viable option. IP/Ethernet communications will better serve not only the City's current needs, but will also support moving the City forward in the future and supporting next generation hardware.

IP/Ethernet based communications offers many substantial benefits over serial in a modern ITS system. The advantages offered by IP/Ethernet are listed below:

1. Ethernet allows mixing diverse types of equipment and protocols on the same communication channel. In an ITS application, Ethernet allows for connecting controllers, cameras, signs, BBS and other Ethernet capable devices on a single channel.
2. Multiple communications protocols can be supported over a single Ethernet channel because each of the protocols is wrapped in a packet. In addition, standard network protocols provide guaranteed delivery and error correction.
3. Compatibility with existing enterprise network environments.
4. Ethernet is flexible, providing for multiple types of services such as video, audio, email, VoIP, and GPS.
5. Ethernet also provide much higher bandwidth capabilities than serial. This is especially important for devices such as cameras that require the higher bandwidth capabilities.
6. Ethernet packets can be prioritized to provide Quality of Service (QoS). This capability ensures that the most critical data will be given sufficient bandwidth.
7. IP/Ethernet also offers much better security than serial. The security can include encryption, two-way authentication, username and password protection, provision lists and other security protocols not supported with serial communications.
8. IP/Ethernet provides much better management and diagnostic tools.
9. IP/Ethernet is a world-wide standard that has been proven over many years and diverse types of applications. It ensures accuracy of data transmission with CRC error checking, retries and collision detection. It is both accurate and robust.

Scope of Work

The scope of work for the project shall include the following items:

1. Control Tech West, Inc. is registered with the State of California Department of Industrial Relations (DIR), registration number 1000034357. Control Tech West, Inc. will comply with all applicable DIR requirements on this project.
2. Attend regular project status meetings based on a schedule worked out with the City.
3. Provide 142 Intelight 2070/ATC Controllers with Intelight MaxTime local software/firmware to upgrade the City's 170 controllers to the 2070/ATC platform. This includes the installation and testing of the upgraded controller units. The Intelight MaxTime local software/firmware is described in detail in the section of this proposal labeled **Intelight MaxTime Controller Firmware**. The software is fully NTCIP compliant as well as being compliant with the ATC API.

The software has been design specifically to run on the ATC platform as defined in the national ATC specification. MaxTime will meet the City's Information Technology software requirements as defined in Appendix V of this proposal. The City will be given rights to load local controller firmware, both to new controllers as well as existing controllers that have been updated to the ATC platform if a new feature is desired by the City. Software updates and new features are covered under the annual maintenance agreement.

4. Provide the Intelight MaxView Advanced Traffic Management System (ATMS) software onto a new server (Windows Server 2012 R2 or higher and Microsoft SQL Server 2014 or higher) furnished as part of this project. MaxView will support 142 intersections for this project. MaxView licenses can be added to support over 1000 intersections on later procurements. MaxView will use Bing Maps and GIS maps provided by the City of Lancaster. The MaxView central software is described in detail in the section of this proposal labeled **Intelight MaxView Features**. 1C modules. The Bing map subscription is included in the MaxView pricing.
5. Install and configure the MaxView central software. The installation of the MaxView server is accomplished through a fully automated installation program. Because MaxView is a thin client architecture, no installation is necessary for workstations. The only requirement for the workstations is that they have installed any of the commercially available web browsers that capable of supporting Microsoft Silverlight and have Internet access for the Bing maps. MaxView will be configured to support the City's new controllers and local software as they are brought on-line. Silverlight is being replaced by HTML5 in a later release of MaxView, currently scheduled for Q2 of 2018.
6. Convert the City's existing controller timing to the Intelight MaxTime local controller software for transitioning the City over to the new ATC hardware platform and the Intelight MaxTime local software.
7. Work with the City to define groups and sectors. These will include corridor groups as required for generating time-space diagrams.
8. Create central schedules as required by the City.
9. Utilize the City's existing communications infrastructure. MaxView workstations will require internet access for the Bing maps. The MaxView server does not require internet access.
10. Work with the City's IT staff in configuring the network, IP schemes and local workstation connectivity to the MaxView server.
11. Provide training on installation, configuration, maintenance, and troubleshooting of the hardware and the software that Control Tech West and Intelight provide as part of this contract. The training will include two (2) full days of training on the MaxView central software and two (2) full days of training on the MaxTime local software.

12. Develop and implement a backup strategy, working with the City's IT Department. Redundancy and fail-over can be part of the backup strategy at the City's discretion, but will require an additional server that has not been included in this proposal.
13. Configure the MaxView system map and all local intersection graphics. Bing maps will be used as the background for all system map(s) and local intersection graphics.
14. Provide technical support and service to aid in the integration of the Intelight MaxView traffic management system components with the overall enterprise citywide network. Control Tech West will cooperate fully with City of Lancaster staff to achieve this integration. Support and service will be provided for the initial five (5) years of the contract with an option to renew annually thereafter at the City's election. The service and support agreement is defined in detail in the sections of this proposal labeled **Warranty and Support** and **Maintenance Agreement**.
15. Develop and conduct an Acceptance Test along with City staff to demonstrate and verify the proper functioning of the system.
16. Provide ongoing technical support as agreed to help the City of Lancaster engineering and operation staff during initial deployment and subsequent operation of the system until final acceptance and assumption of full operation and maintenance responsibility by the City staff. Control Tech West and Intelight will provide this support through a combination of on-site service, remote access, telephone support and webinars, as deemed most appropriate. On-site support will be provided when needed.
17. Provide maintenance and service for the MaxView ATMS for five (5) years with an option to renew annually thereafter at the election of the City.
18. Integrate MaxView with the LACO IEN using a workstation provided by the City.

Assumptions

Control Tech West and Intelight have made the following assumptions in our responses to this RFP:

1. IP based communications will be established to each of the controllers to be added to the system. It will be the City's responsibility to ensure network and field communications.
2. Network communications from workstations to servers is either in place or can be established. The City's IP staff will work with Control Tech West and Intelight to resolve any connectivity issues.
3. City staff will provide an IP scheme for all servers, workstations and field controllers.
4. City staff will provide existing timing, phase sequence and phase diagrams for each of the intersections to be converted to MaxTime software.

5. During the transition period, City staff will assist Control Tech West by placing the cabinet in flash and returning the intersection to normal operations. Any required traffic control will be provided by the City at their expense. It is further assumed that controller change-outs will be done between the hours of 8:00 AM and 4:00 PM per a schedule to be worked out with the City.
6. The City's IT Department will be responsible for network security. No networking equipment has been included in this proposal.
7. Moneys for any bonding requirements have not been included in this proposal.
8. City will provide the network to support the communications to the Los Angeles County IEN.

Company History

Control Tech West, Inc.

Control Tech West was founded in 2011. Their vision was to create a company that provides the traffic signal and ITS industry with the best available products and to deliver those products with an unprecedented customer-focused service philosophy. Control Tech West's parent company, Control Technologies, Inc., is an ISO 9001:2015 and 14001:2015 company with continued focus on the highest quality products. Control Technologies is composed of 5 other transportation related companies. These other companies give Control Tech West more resources to assist in the on-time completion of any project we are involved in.

Control Tech West and its parent company, has been in business for over 37 years and has manufactured over 25,000 traffic control cabinets in 40 states. As well as a leading supplier of transportation products, they were involved in the very first ITS project in the US as well as the Georgia NaviGator project. They continue to be active in these types of projects and have experience in implementing over 30 Traffic Signal Central Systems nationally.

Control Tech West has the experience and technical expertise to deliver highly technical projects to the end user on-time and on-budget, as well as meeting or exceeding the customer's expectations.

Intelight, Inc.

Intelight, Incorporated was founded in 2006 by CEO and President Craig C. Gardner, PE. Since then, the company has grown to over 30 employees and supplements its full-time staff with seven full solution distribution partners throughout the world. Intelight's corporate office and manufacturing facilities are in Tucson, AZ, with the systems development and services office being located in Seattle, WA. Regional offices in Atlanta, GA, Phoenix, AZ, and St. Louis, MO, provide local field support.

Intelight Inc. manufactures and supplies innovative traffic management products including advanced traffic controllers, traffic control cabinets, arterial systems masters,

NTCIP compliant local software, and web-based central software systems. The company mission is to provide customers with the highest quality and most innovative "state-of-the-art" technology along with exceptional service and cost effectiveness.

Intelight's primary business focus is software and firmware for central and local traffic signal management and control. In their 11 years of business, they have helped advance the industry with the following innovations:

- *First Linux based Local Traffic Signal Firmware in North America* - Also first to develop exclusively on the ATC platform
- *Largest Deployment of Linux Based ATC Compliant Controllers* - 10 years of continuous in-field Linux controller service with over 3000 Linux based controllers deployed world-wide
- *First Cost Effective ATC Compliant Controllers* – Cost comparative to legacy OS-9 and custom hardware based controllers
- *First Embedded Controller Web Server with first full function web based controller interface*
- *First Touch-Screen Controller*
- *First Embedded Android Processing System on Controller*
- *First Fully Web-Based Central System (True Thin-Client)* – Most thin client based central system deployments
- *Full Support for Open Standards* - First traffic signal Software Company to provide full NTCIP MIBS to customers with no restrictions or additional fees, or licensing restrictions.

By establishing a diverse and innovative product line and assembling a handpicked staff of experts from the traffic signal industry, Mr. Gardner has built the foundation for a long lasting, reliable and industry-leading corporation.

Project Staff

Project Organization Chart

The project organization chart is shown below in *Figure 1 – Project Organization Chart*.

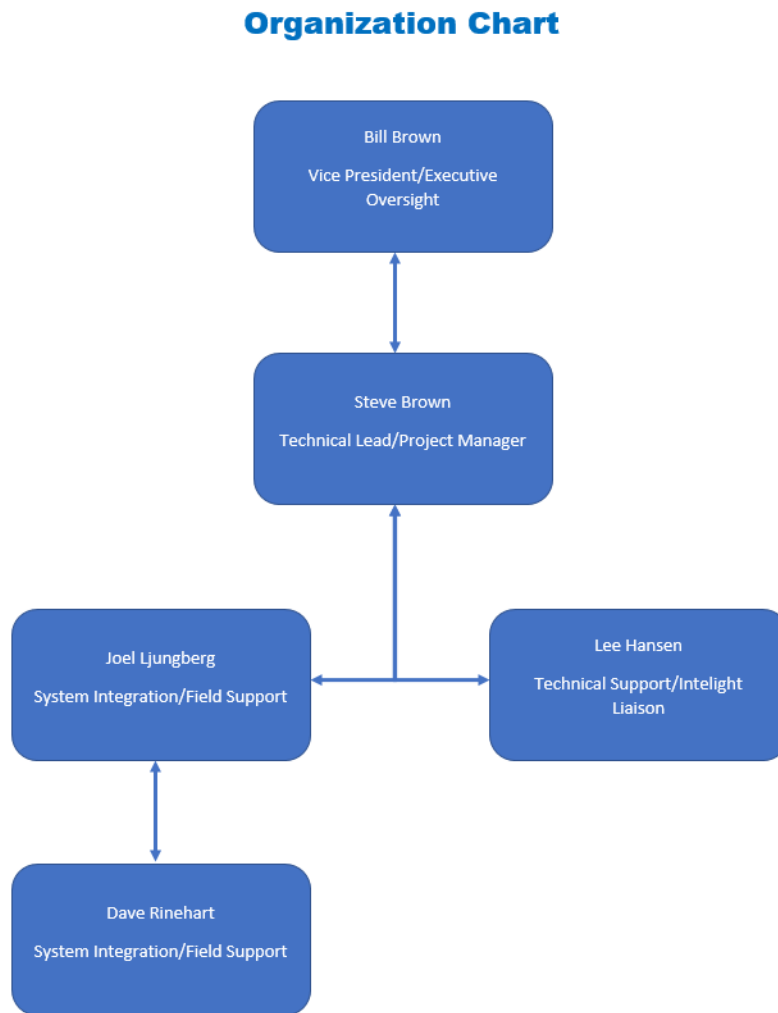


Figure 1 - Project Organization Chart

Bill Brown – Vice President/Executive Oversight

Bill Brown has over 34 years of experience in the Transportation Industry ranging from signal maintenance to executive management. This experience includes service

in the public sector as well as the private sector. He has spent 8 years as an executive for a major manufacturer of traffic control equipment with oversight of Sales, Marketing, Business Development, Engineering (Software and Hardware), Technical Services and System Integration. He was the Principal in Charge on the SANDAG Regional Arterial Management System in San Diego with executive oversight of this million-dollar project. He is currently Vice President of the CT Group and has complete operational, financial and business responsibility.

Steve Brown – Technical Lead/Project Manager

Steve Brown has over 38 years of experience in all segments of the traffic industry, including sales, marketing, software development, maintenance and construction. He will serve as **Project Manager** for this project. He possesses an extensive knowledge of both hardware and software components found in modern Advanced Transportation Management Systems. His current position is Chief Technical Officer. His primary responsibility is technical support and systems integration.

Prior to his current position, Steve was Director of Technical Services at McCain, Inc. for over seven years. In this position, his responsibilities included managing a team of developers and support personnel for the McCain software products. The products included both local controller firmware and central system software. He also served as project manager on many of the larger system integration projects including the Regional Arterial Management System that encompassed all nineteen agencies in San Diego County.

Steve has been working directly with the Intelight product lines for the last 6 years. He has attended extensive training on both the MaxView and MaxTime software. He has been certified by Intelight to install and support both software applications. He had also worked directly with Intelight develops in implementing the AB3418e protocols and supporting Caltrans specified cabinets. Steve provides the top level of support for the Intelight product line.

Joel Ljungberg – System Integrator/Field Support Engineer

Joel Ljungberg has over 13 years of experience in the industry. He has extensive experience in system integration for ITS projects as well as a thorough understanding of networks. He has received extensive training on Intelight's MaxView and serves as the first level of support in replicating and resolving issues reported by customers. He works very closely with Steve Brown to offer a level of support to customers that is second to none.

Dave Rinehart – System Integrator/Field Support Engineer

Dave Rinehart has over 22 years of experience in the traffic industry that includes sales, technical support, integration and training. He will serve as **Field Support** for this project. He is IMSA Level 3 certified and is also certified in fiber optics communication, equipment, testing, splicing and installation. He also possesses a

strong working knowledge of network configuration and support. His current position with CT West is Technical Sales Representative. He provides technical field support for the company's complete product line. He is also Western Regional Technical Support Manager for the FLIR/Traficon video detection products. He is responsible for providing customer training on products and assist the customers in the deployment of the products.

Prior to joining CT West, Mr. Rinehart was National Sales Technical Support/Field Service at McCain, Inc. He oversaw reviewing plans/specifications and design for signal system installations. He was also responsible for training and implementation of these systems. He is well versed in the McCain software and hardware products and has provided integration services for their products on projects around the country.

Lee Hansen – Technical Support/Intelight Liaison

Lee Hansen is Intelight's Western Region Sales and Support Engineer. He will serve as the Intelight Representative for this project and will provide the agency with an Intelight contact that can be on-site for support or meetings within short notice. Mr. Hansen has his Engineer-in-Training and is also an IMSA level 2 technician. Mr. Hansen's experience includes five years of local, state and FHWA project management, extensive knowledge in PLC's including university level instruction, and has managed a complete FHWA funded citywide traffic system upgrade.

Project Plan

The following project plan is based on a projected start date of November 5, 2016. A final project plan will be developed and submitted to the City for review. Changes will be incorporated based on feedback from the City.

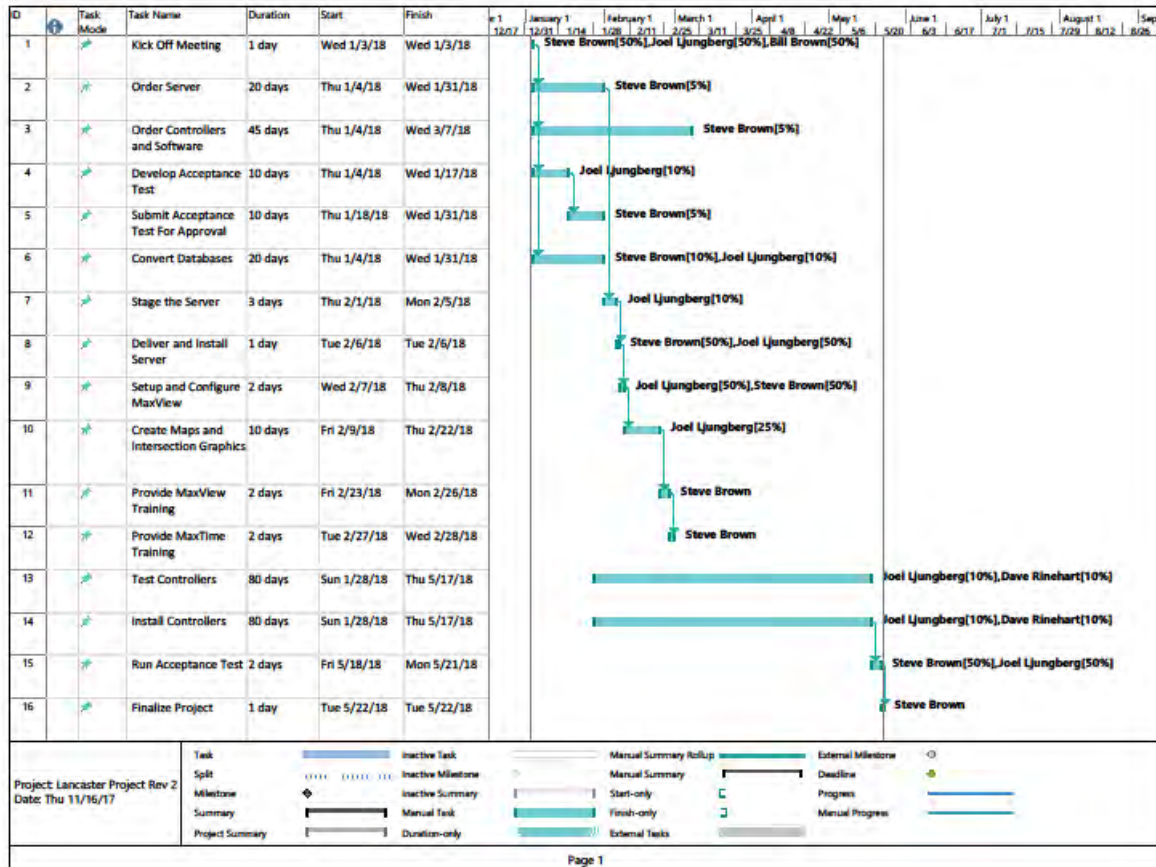


Figure 2- Project Plan

Project Resources

The *Figure 3 - Resource Allocations* and *Figure – 4 Resource Hours* below shows the resource assignments for the project.

RESOURCE STATS

Work status for all work resources.

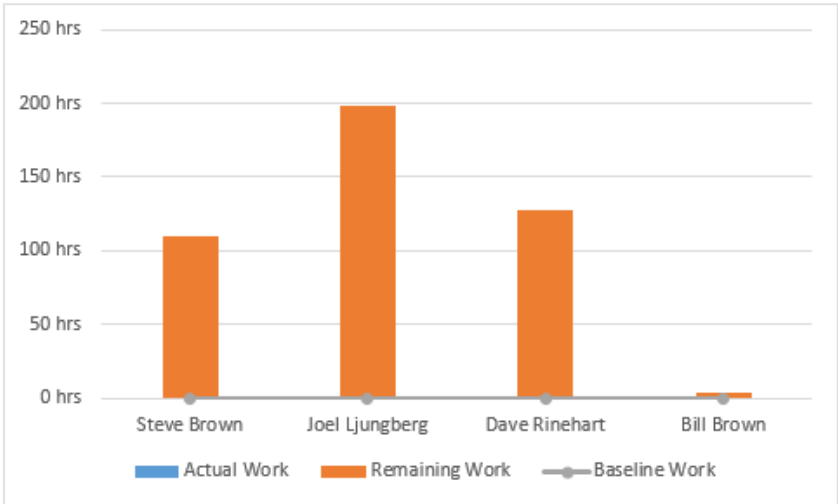


Figure 3- Resource Allocations

Remaining work for all work resources.

Name	Start	Finish	Remaining Work
Steve Brown	Wed 1/3/18	Tue 5/22/18	110 hrs
Joel Ljungberg	Wed 1/3/18	Mon 5/21/18	198.4 hrs
Dave Rinehart	Sun 1/28/18	Thu 5/17/18	128 hrs
Bill Brown	Wed 1/3/18	Wed 1/3/18	4 hrs

Figure 4- Resource Hours

References

To date, Intelight and Control Tech West has shipped over 6000 traffic signal controllers world-wide and, through competitive evaluation processes, installed twenty new (not upgrading existing customers) Central Traffic Management Systems in just under three years. Furthermore, we continue to be shortlisted in the top three scoring providers for all publicly posted requests for proposals across North America. Although Intelight is a relatively new provider in the North American traffic signal industry they have decades of direct experience amongst our key staff.

Intelight's CEO and President Craig C. Gardner, PE, has been providing traffic management and operations solutions in the form of local controller software and central systems for over 30 years. Our highly qualified software/hardware engineering and support services staff has considerable experience in both local and central control software and the ability to apply innovative and unique, cost effective solutions in an efficient time frame. Specifically, Mr. Gardner's career experience in software design and development has included primary responsibility for several large signal system projects including:

- New York City (10,000 int.)
- City of Los Angeles (3,500 intersections)
- Las Vegas, Nevada (1,600 int.)
- Beijing, China (6,000 int.)

Reference Listed Below:

Control Tech West is pleased to offer the following references from Control Tech West's and Intelight's current and past projects.

Agency / Institution	Scope of Equipment/Services	Contact Information
Georgia DOT	Statewide Contract to supply 50 MaxView Central Systems and 9000 2070-1C modules with MaxTime to upgrade existing 2070 controllers. Currently, approximately 500 locations have been installed.	<p>Allen Davis Email aladavis@dot.ga.gov Phone 404.625.2832</p>
City of Charleston, SC	Supply of MaxView Central System, Intelight 2070-LDX (ATC) controllers, and MaxTime local controller software. The Intelight solution is replacing a long-standing McCain 170 installation	<p>Troy Mitchell Traffic Signal Systems Manager Email MitchellT@charleston-sc.gov Phone 843.724.7379</p>
City of Peoria, AZ	Supply of MaxView Central System to communicate with 150+ ASC3 and ASC2 Controllers over NTCIP (Full Support) – Q3/2013; The City is now beginning to purchase Intelight Controllers for new signals	<p>Ron Amaya Assistant City Traffic Engineer Email ronald.amaya@peoriaaz.gov Phone 623.773.7602</p>
City of Tucson, AZ	Supply of MaxView Central System to support over 600 intersections. MaxView is providing full upload/download support for 3rd party controllers including ASC/3 via NTCIP communications. Tucson is also evaluating Intelight controllers and local software	<p>Michael Hicks ITS Manager Email Michael.Hicks@tucsonaz.gov Phone 520.837.6666</p>
Cities of Dallas/Ft. Worth/Richardson, TX	Selected to supply over 2,200 intersections of MaxTime local software and ATC controllers. Currently over 300 controllers installed with 1,900 planned for the next year.	<p>Michael Wobkin Email michael.wobken@dallascityhall.com Phone 214.671.8174</p>
Utah DOT	Statewide contract to supply MaxView Central System, MaxTime local controller software & controller hardware. MaxView will initially communicate to existing ASC/3 & Cobalt controllers. 300 signals currently online.	<p>Mark Taylor Traffic Signal Operations Engineer Email marktaylor@utah.gov Phone 801.887.3700</p>
City of Santa Monica, CA	Supply of MaxView Central System to communicate with 175 BITran 170 controllers over AB3418; added multiple "add-on" features for the customer inclusive in the original price – Q1/2013	<p>Andrew Maximous Traffic Operations Engineer Email andrew.maximous@smgov.net Phone 310.458.8411</p>
Arizona Department of Transportation Southern Region	Supply of 40 NEMA X1 Traffic Signal Controllers (MaxTime) and MaxView	<p>Paul Sykes Southern Region Traffic Engineer, ADOT Email psykes@azdot.gov Phone 520.838.2841</p>
City of Calgary, AB	Supply of over 250 Intelight NEMA controllers with MaxTime Local Software	<p>Dave Fisk Email dave.fisk@calgary.ca Phone 403.537.7932</p>
City of San Clemente, CA	Supply of MaxView and Intelight NEMA controllers for 67 intersections under a grant from Orange County Transit Authority	<p>Donald Rosensteel Email RosensteelD@san-clemente.org Phone 949.279.9736</p>
City of La Habra, CA	Supply of MaxView Central System and 12 Intelight 2070-1C modules running MaxTime to upgrade the City's existing 2070 controllers.	<p>Michael Plotnik Traffic Manager Email mplotnik@lahabraca.gov Phone 562-383-4162</p>
City of San Ramon, CA	Supply of MaxView Central System and 8 Intelight 2070-ATC controllers running MaxTime.	<p>Mike Talley Senior Traffic Engineer Email mtalley@sanramon.ca.gov Phone 925-973-2654</p>

City of Sunnyvale, CA	Supply of MaxView Central System and 131 Intelight 2070-ATC controllers running MaxTime.	Shahid Abbas Senior Traffic Engineer Email SAbbas@sunnyvale.ca.gov Phone 408-598-0233
City of Chino, CA	Supply of MaxView Central System to support up to 150 of the City's existing ASC/3 controllers.	Karen Campbell Associate Traffic Engineer Email kcampbell@cityofchino.org Phone 909-334-3403
WSDOT NW Region	Supply MaxView Central System to support up to 325 of the State's existing NextPhase controllers. The State is in the process of converting over to Intelight's MaxTime local software.	Martin Dedinsky Traffic Signal Operations Engineer Email DedinsM@wsdot.wa.gov Phone 206-510-9975
City of El Cajon, CA	Supply MaxView Central System and Intelight 2070-ATC controllers running MaxTime. They currently have about 35 intersections online and are continuing to build out	Raul Armenta Associate Civil Engineer Email rarmenta@cityofelcajon.us Phone 619-441-1665

Pricing

Item	Description	Unit	Qty	Price
1	Intelight MaxView Central Software (Licensed for 142 Intersections)	LS	1	\$142,000.00
2	142 Intelight 2070-ATC Controllers (With MaxTime Local Software)	LS	1	\$426,043.00
3	Turn On Support	LS	1	\$28,000.00
4	MaxView Server	LS	1	\$9,746.00
5	MaxView Installation and Setup	LS	1	\$2,000.00
6	Timing Conversions	LS	1	\$10,000.00
7	MaxView Intersection Graphics	LS	1	\$10,000.00
8	Training (4 Days)	LS	1	\$6,000.00
9	2 Years Additional Support	LS	1	\$30,000.00
			Total	\$663,789.00

Additional Unit Pricing			
2070-ATC Controllers (Qty 25+)	Ea.	1	\$2,623.00
2070-ATC Controllers (Qty 10-24)	Ea.	1	\$2,765.00
2070-ATC Controllers (Qty 1-9)	Ea.	1	\$2,913.00
MaxTime Local Software License	Ea.	1	\$400.00
MaxView Central Software License	Ea.	1	\$1,100.00

Notes:

1. All Project Management cost are included.
2. Pricing does include sales tax at current rate of 9.5%.
3. Pricing does include freight.
4. Pricing does not include moneys for any bonding requirements.
5. Pricing is based on a total of 142 intersections for central software licenses, controllers, local software licenses, timing conversions, turn-on support and MaxView graphics.
6. A delivery schedule will be submitted and agreed upon by both parties prior to contract signing.
7. A payment schedule will be submitted and agreed upon by both parties prior to contract signing.
8. System maps will be created with Bing Maps.
9. Local intersection graphics will utilize a zoomed-in extent of Bing Maps as the background.
10. All converted timing will be reviewed and approved by the City prior to deployment.

Intelight MaxView Features

MaxView System Description

Intelight's MaxView Advanced Traffic Management System (ATMS) software is a modern client/server application built using the Microsoft Silverlight and .NET Framework platforms and stores all configuration and logging data in a SQL server database. MaxView is designed from the ground up utilizing modern graphical user interface design standards. A detail description of MaxView is included in Appendix "C" of this proposal.

By leveraging the Silverlight platform, Intelight can deliver a true web based thin-client platform with MaxView, while also delivering a rich client experience, including an incredibly responsive main map, multiple client windows and other rich client interactions. MaxView is not adapted from an older legacy system and as such is not constrained by legacy interaction models or design standards, but instead is reimagined to embrace the modern web and modern web technologies.

Out of the box, intersection configuration and integration can begin within an hour of starting the MaxView System installation. Furthermore, MaxView can stream background image tiles from a City-based GIS server, or from Microsoft Bing maps. This feature allows an intersection to be configured in less than 10 minutes.

MaxView's strict adherence to the NTCIP protocol enables the Agency to place any NTCIP compliant controllers on the system immediately, reducing the need to manage the legacy and new central systems together during the integration process. Furthermore, MaxView fully supports many legacy controllers (for example Econolite ASC/3 and ASC/2). *Intelight will integrate additional NTCIP controller MIBs into MaxView at no cost* if the agency or manufacturer requesting support provides the MIBs and documentation.

Simple Installation and Deployment

The MaxView server installation is contained in a single self-executing installer that verifies all prerequisites and then installs the MaxView services and provisions an empty default database. The installer is also used to upgrade the MaxView services and to migrate any data as required.

MaxView server installation can be completed and a fully functional system can be operational in less than 30 minutes from start to finish.

Industry Standard Management Tools

As described above MaxView is a modern ATMS system built on proven web technologies. As such the core components and services are simple to deploy, manage and troubleshoot using available off the shelf tools.

All MaxView application and field communications services are hosted within Microsoft Internet Information Server. Microsoft IIS is a leading enterprise ready web server, which securely powers hundreds of thousands of websites every day. As such there are many deployment and monitoring tools that can be employed by a city or agency as desired. One such tool is Microsoft AppFabric, which provides real-time monitoring and reporting of the MaxView services, and is configured by default during deployment.

No Client Installation

As MaxView is a true thin client there is no need to install or configure any client software on the MaxView workstations. The only client requirement is a PC or Mac with a modern web browser and the Microsoft Silverlight plugin. If the Silverlight plugin is not already installed it will be downloaded and installed automatically when the MaxView client is loaded.

As MaxView is web based, there are no ports to configure or additional client application services or components to install or manage with all traffic between the client and server routed over port 80. This also enabled seamless remote connections over existing VPN networks without any advanced configuration.

The MaxView client can also be “installed” onto any number of client machines with a single click from the Web Browser. Once installed the application functions in the same way but is available from the start menu on the client computer.

Automatic Client Upgrades

The MaxView thin client architecture enables a seamless auto-upgrade whenever a new server version is deployed. Whether the client is connected through the Web Browser or an installed Client, when a new server version of the data set is detected it is automatically downloaded and loaded in seconds. There is no installer to run and the latest version of the client is available within seconds. As the deployed application version is maintained on the server there are no legacy clients to manage or worry about. In this way, the IT requirements of managing a MaxView system are drastically reduced.

Simple Intersection Configuration

- Fully customizable drag and drop based intersection configuration with support for customizable user templates
- Support for multiple status objects including vehicle phase status, pedestrian phase status, phase call status, ped call status, preempt status, detector status and many more.
- Support for automatic detailed aerial photos for each intersection view with support for custom backgrounds if required
- Drag and drop intersection placement on main map for easy system configuration

- Support for customizable intersection templates to easily add new intersections based on existing configurations

Self-Describing Controller Metadata

When connected to a controller running MaxTime, the MaxView service requests specific information about the set of database tables and objects available within the local firmware when the controller first comes online. In this way, *the controller essentially self-describes the set of database tables and features that it has available when it is first connected to the system.*

This means that the MaxView system is future proof against additional database updates and changes in the field—whenever a new controller firmware is deployed the full set of database tables and editors are automatically available in MaxView without having to reinstall or update the MaxView services to support the new database tables and new features in future local software versions. *With this functionality, intersections in the field can be upgraded without the worry of coordinating an equivalent upgrade in the central system.*

Third Party Controller Support

In addition to Intelight's MaxTime local controller software, MaxView supports the following traffic controller hardware.

- Econolite ○ ASC3 v2.47.00 – NTCIP ○ ASC2 v1.2 – NTCIP (Serial)
- McCain ○ BITran – AB3418
- Generic NTCIP ○ Any NTCIP 1201/1202 Compliant Controllers

As noted above, MaxView fully supports a generic NTCIP controller type for controllers that implement the NTCIP 1201 and 1202 standard off the shelf. The support is not locked or hidden and does not require special configuration or customization.

MaxView Services

The MaxView services are designed to run on Microsoft Windows as a web application hosted in Microsoft Internet Information Server 7.5. The core application and field communication services are hosted directly within Microsoft IIS AppPool services.

The MaxView service has two main roles: first it hosts and serves the MaxView Silverlight client web application to client work stations and second it also manages all communication, scheduling and database caching with local intersections.

By utilizing standard Microsoft web components, the MaxView services can be managed and deployed using standard technologies, such Microsoft App Fabric and Microsoft Web Deploy, simplifying installation, system upgrades and system maintenance.

The MaxView service is built entirely in Microsoft .Net 4 (currently 4.6.1), a proven server-side technology developed and maintained by Microsoft. Leveraging .Net enables the MaxView service to seamlessly scale across multiple servers.

The MaxView application services include the following high-level components:

- Authentication Service (Domain Service)
 - Implements a .NET Authentication Domain Service to control and facilitate client log in and authentication
 - Enables secure access to both the client data and the underlying data APIs
- Communication Publish/Subscribe Service (WCF Service)
 - Implements a .NET Polling Duplex Windows Communication Foundation service to provide data access for connected clients and field IO services
 - Support a publish/subscribe model so data is only sent when changed
- Event Logging Service (Core Service)
 - Implements a .NET core IIS service to monitor and log system events to the system database
- Scheduling Service (Core Service)
 - Implements a .NET core IIS service to handle scheduling command and control events as well as other recurring tasks
- In addition to the application services above, MaxView utilizes Microsoft SQL Server for all configuration and controller database storage enabling access to system data through SQL queries for advanced reporting scenarios.

The MaxView service can be hosted in an agency's TOC on a new or existing hardware as described above or remotely on Microsoft's Window Azure Cloud service platform requiring no new hardware or software for an agency to buy or install. This proposal assumes that MaxView will be locally hosted on the provided server.

MaxView Client

The MaxView ATMS client is built on the Microsoft Silverlight 5 application platform. Microsoft

Silverlight is a modern and robust web-based user interface platform.

Because MaxView is built upon on modern web technologies, the only software requirement for a user workstation is a modern web browser such as Internet Explorer, Chrome, Firefox, or Safari that provides support for the free Microsoft Silverlight plugin (similar to installing Java or Flash plugins). The MaxView client is cross platform and can be viewed from a computer running Microsoft Windows or Apple OS X. The future HTML5 version of MaxView will add support from a wider range of devices, including IOS and Android devices.

Once the user workstation is connected to the network via direct or VPN connections, a user can log into the system using their unique MaxView User ID and password. This configuration eliminates the need for separate office and signal system workstations and resource intensive workstation updates whenever the central system is updated. Furthermore, with the proper login credentials and a VPN connection to the City's system, a user can access the central system from anywhere in the world, on any computer with a web-browser.

User Access Permissions

Access to the MaxView client requires a username and password that is provisioned within the system. In addition, all exposed data APIs also require valid authentication to be accessed—in this way all system data is secured at the API level.

Each user within the system can be provisioned with the following roles:

- Administrator - Full client access including all client and system configuration settings
- Database editing - User can upload and download controller data
- Signal Control - User can add, edit and remove manual and time of day commands
- Acknowledge Alarms - User can view and acknowledge system alarms

Maps

For background maps, intersection graphics and traffic and incident data, MaxView leverages map tiles from the Microsoft Bing© Maps service or other user-defined map tile sources including an ArcGIS Map Server, or a generic tile server. This results in a main map view that is easy to navigate and familiar to the user. Each MaxView license includes a license to the Bing Maps service. Bing Maps allows a user to select an aerial or street-map view or, where available, view and navigate the Microsoft Bing© 360 degree "Streetside" panorama view directly within the MaxView system. MaxView can also simultaneously display additional GIS layers with user-defined opacity and visibility ranges.

The MaxView main map is a rich, interactive map that can panned, zoomed and easily switched between multiple status views to provided glance-able status information at a state-wide level. Therefore, separate area maps are not needed. The main map view showing the system-wide coordination status with the currently running pattern can be seen below in *Figure 7 – MaxView main map showing available status views*.

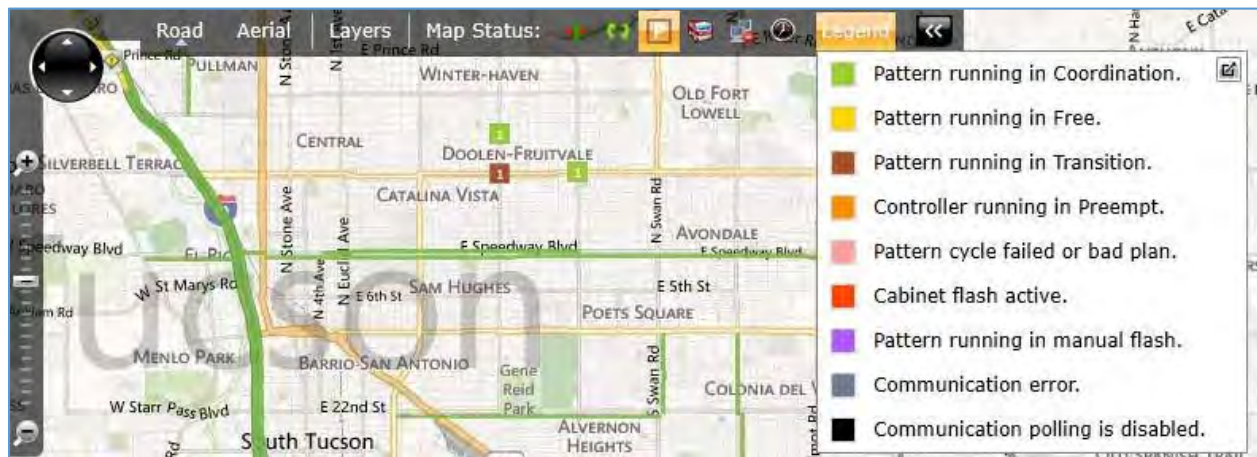


Figure 7 – MaxView main map showing available status views.

The main map supports dynamic signal and device information that increases in density as the map is zoomed in. The cut-off zoom level of each view is configurable for each system map. Each system main map can be configured to use any of the configured mapping sources or different system maps can be assigned per user.

Additional layers can be added with a configured zoom range and transparency to add additional GIS based information to the main map.

System, Sections and Groups

MaxView supports the selection of and sending of commands to predetermined groups, sections, or systems of intersections. In addition, multiple intersections can be selected (dynamic grouping) at one time by holding down the Control key on the keyboard and using the mouse to “lasso” the desired set in a bounding box. Once selected, the user can check the status of the intersection group or implement manual commands, action sets, group plan editor, or set the controller clocks.

Scheduler

MaxView supports an Outlook-like TOD scheduler that allows a user to schedule any command for execution to a System, Section, Group or Intersection. The scheduler also supports complex recurring events such as those programmed in Microsoft® Outlook or Google® Calendar. Therefore, a weekday schedule can be configured in seconds for a group of intersections.

The TOD scheduler supports a drag-and-drop based interface that can easily be configured to fit any schedule through advanced recurrence support. The TOD scheduler can be seen below in [Figure 8 - TOD Scheduler showing a recurring command for an Intersection.](#)

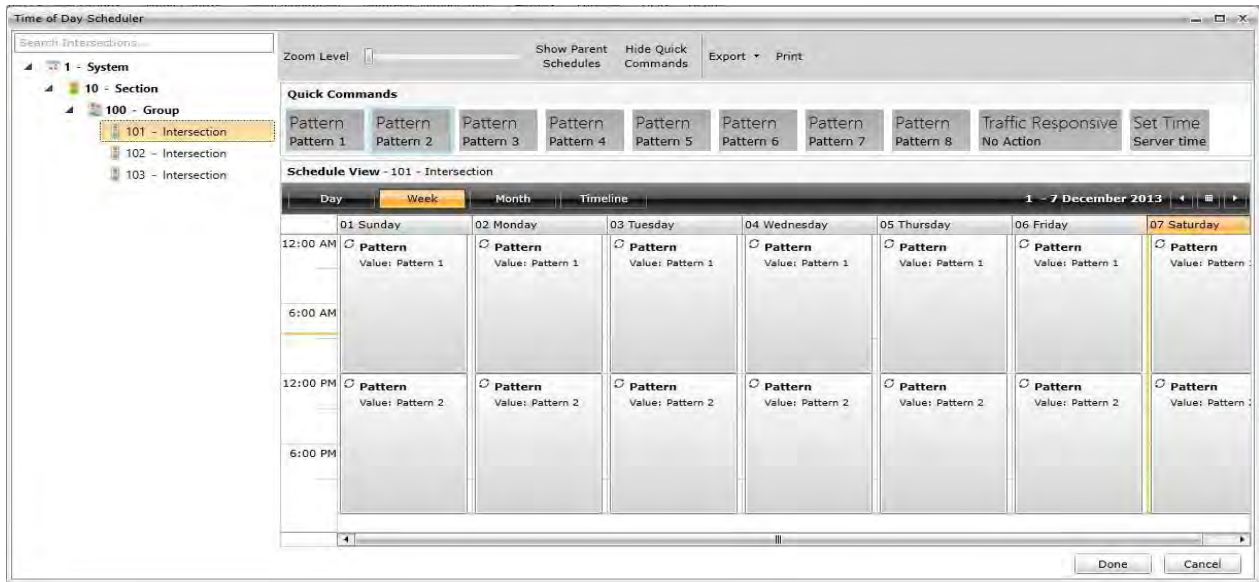


Figure 8 – TOD Scheduler showing a recurring command for an Intersection

In the TOD Calendar scheduler, the user can setup a TOD plan for an entire System (or Section or Group) and then “override” the system schedule for a group of intersections. For example, the entire system is set to run Pattern 1 from midnight until noon, Monday through Friday with no termination date as shown in the left of [Figure 9 - Weekday recurring event in MaxView TOD Schedule \(left\) vs. a more specific recurring event for a construction project \(right\)](#) below. Then, a specific intersection within that group is scheduled to run a construction schedule: Pattern 3 from 8am to 9am on Tuesdays and Wednesdays from November 1st to December 20th as shown in the right of Figure 9. During all other times, the intersection will inherit its parent group’s schedule (Pattern 1).

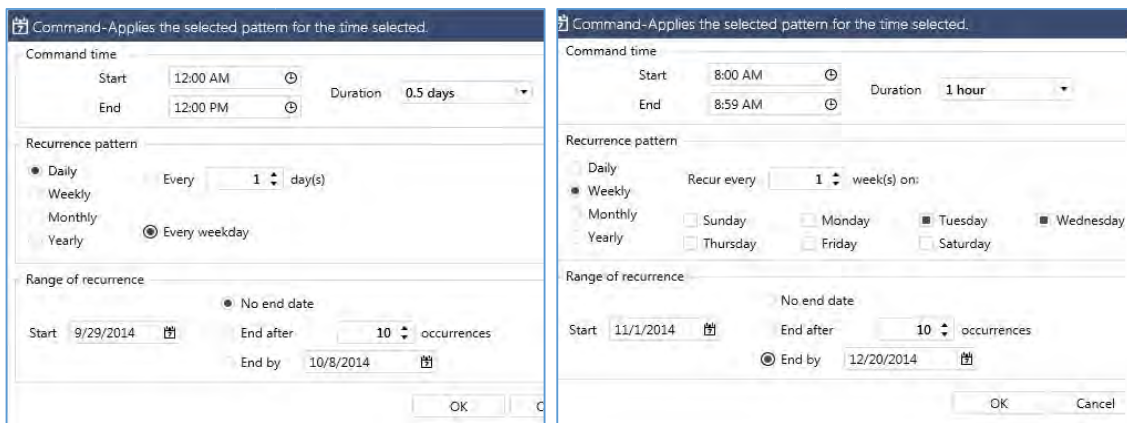


Figure 9 – Weekday recurring event in MaxView TOD Schedule (left) vs. a more specific recurring event for a construction project (right)

Status Polling

MaxView is configured with global polling rates for distinct categories of information including main map status, alarm events, detailed intersection status and detector volume/occupancy. By default, the following polling rates are configured when the system is installed:

- System Backup Timer – 250 seconds
- Global Map Rate – 1 second
- Detailed Status Rate – 1 second
- Alarms Rate – 5 seconds
- Detector Vol/Occ Rate – 90 seconds
- Controller Event Refresh Rate – 60 seconds
- Incident Refresh Rate – 30 minutes

Each polling rate can be individually configured and set as desired. The following table explains the specific scenarios that each rate controls and provides a recommended range for each rate.

Polling Rate Setting	Description	Recommended Range
System Backup Timer	Controls the rate at which commands are sent to each intersection when active.	60-300 seconds
Global Map Rate	Controls the polling rate for map status information including phase, overlap, ped, free/coord and pattern status.	1-15 seconds
Detailed Status Rate	Controls the rate at which the detailed intersection status view (shown when an intersection is double clicked) is updated.	1-10 seconds
Alarms Rate	Controls how frequently the system polls each controller for active alarms.	5-30 seconds
Detector Vol/Occ Rate	Controls how frequently the vol/occ data will be read for each detector and system detector and stored in the system. Note: Data is only stored if it has changed since the last reading.	90-900 seconds
Controller Event Refresh Rate	Controls the rate at which controller events are read from MaxTime controllers. Events are read at the Global Map Rate from all other controller types.	30-90 seconds
Incident Refresh Rate	Controls the rate at which the Incident and Traffic feed is refreshed.	30-60 minutes

Intersection Display

MaxView supports an intersection status display and an intersection detailed status screen. The intersection status display is opened from the main map using a single left mouse click on the intersection icon. The detailed status screen for each intersection is

opened using a double mouse click from the main map and displays all the controller specific status menus. A summary of each status display including screen captures is provided below.

Intersection Status Display

MaxView supports a fully configurable detailed intersection display that can be edited using an inclusive drag and drop interface (no external editor). Each object such as a phase or overlap status includes all the applicable intervals in a single object. For example, the user places a single icon for each of the following display types:

- Ped Object: shows the walk, flashing don't walk, and don't walk intervals,
- Flashing Yellow Arrow: Single object shows protected green arrow, flashing yellow arrow (flashes in the status screen), solid yellow arrow, red stop bar
- Protected-Permissive (5-Section) Left Turn: Single object shows the state of the protected left turn phase AND the permissive phase always. The protected turn phase is shown as the standard left-turn green, yellow, and red arrows, and the permissive movement is shown as a green or yellow ball next to the left-turn movement icon.

Common intersection layouts can be easily saved as templates and used to create new intersections. The detailed intersection configuration window can be seen below in [Figure 10 – Intersection detailed configuration window](#).

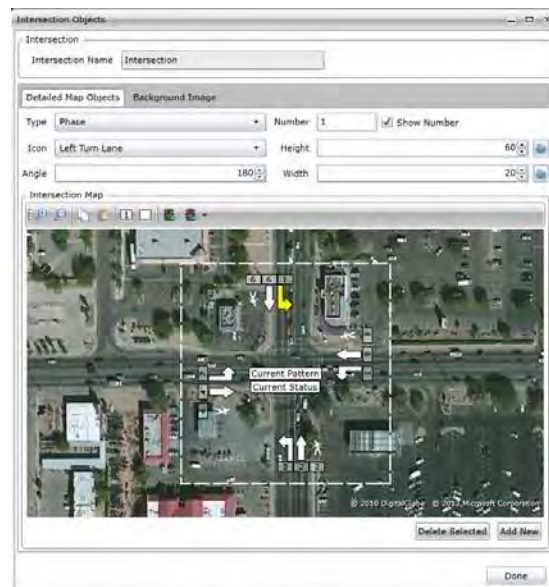


Figure 10 – Intersection detailed configuration window

The detailed intersection currently supports showing status for the following set of objects and icons:

Status Object	Icon Types	Description	Assignable Range
Phase	Left Turn Lane, Thru Lane, Right Turn Lane	Displays the Red, Yellow, Green Phase Status	Phases 1-N
Overlap	Left Turn Lane, Thru Lane, Right Turn Lane	Displays the Red, Yellow, Green Overlap Status	Overlaps 1-N
Ped	Pedestrian Icon	Displays the Walk, Flashing Don't Walk, Don't Walk Status	Ped 1-N
Current Pattern	Text	Current running pattern	N/A
Current Status	Text	Current coordination status (e.g. Free, Transition, Coord)	N/A
Alarm Status	Alarm Icon	Displays an icon for the set of active alarms	N/A
Detector	Detector Status Icon	Displays active detector status	Detectors 1-N
Text Label	Text	User entered test	N/A
Preempt	Emergency Preempt Icon, Train Preempt Icon, Light Rail Preempt	Preempt status	Preempts 1-N
5-Section Head	Left Turn	Permissive and protected 5section head	Permissive Phase 1-N Protected Phase 1-N
Flashing Yellow Arrow	Left Turn, Right Turn	Flashing yellow turn indication	Permissive Phase 1-N Protected Phase 1-N

When an intersection is selected it is shown in the selected intersection view within the main MaxView window.

A selected intersection can also be dragged from the selected view and shown on its own as shown in [Figure 11 – Selected intersections in separate windows](#). This allows multiple intersections to easily be viewed at the same time.

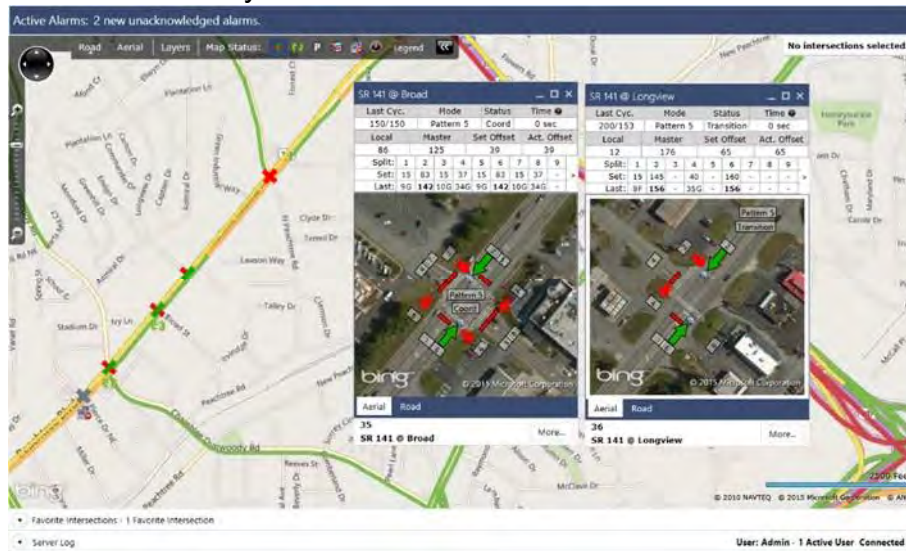


Figure 11 – Selected intersections in separate windows

Multiple intersections can be selected (dynamic grouping) at one time by holding down the control button on the keyboard and using the mouse to “lasso” the desired set in a bounding box.

Detailed intersection information and the current status can be seen from the main map by hovering the mouse over a given intersection as seen in [Figure 12 – Intersection status and information from main map tool tip](#).



[Figure 12 – Intersection status and information from main map tool tip](#)

Intersection Detailed Status

Double clicking on an intersection from the main map can open the Intersection Detailed Status window.

The intersection detailed status window shows the real-time status for each phase, detector, preempt, and more for each intersection within the system. Multiple intersection detailed status windows can be open at one time.

The intersection detailed status window for an intersection can be seen in [Figure 13 – Intersection Detailed Status window](#).

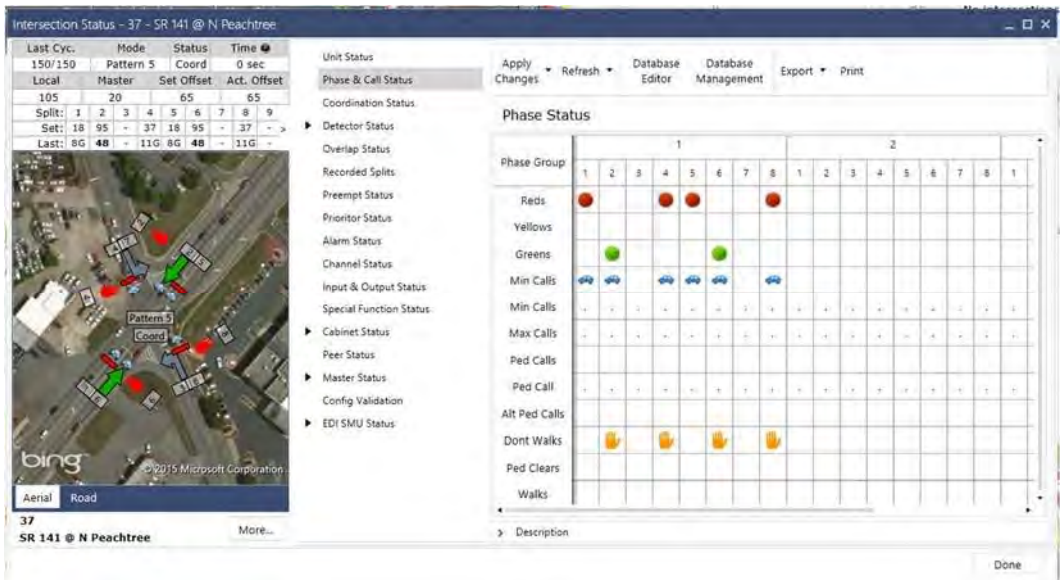



Figure 13 – Intersection Detailed Status window

Group Displays

MaxView allows a user to create predefined or dynamic groups of intersections in the system. Predefined groups are added to the System Devices tree whereas dynamic groups are created “on the fly” by selecting multiple intersections on the map display. Groups within MaxView can contain from one to 65,535 intersections.

When a user selects a group of intersections, either predefined or dynamic, MaxView provides options for monitoring and controlling the selected intersections. When a predefined group is selected, a right click on the group name presents the user with a context menu showing the relevant operations. When a dynamic group is selected, MaxView opens the Intersection View window for each of the selected intersections.

The MaxView main map also supports quickly locating and zooming to a group or subgroup of intersections using the system tree by selecting the Locate  button as seen in *Figure 14 – System device tree showing the locate button*.

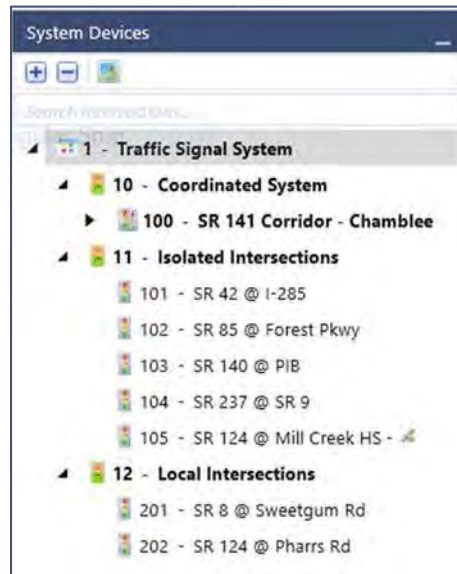


Figure 14 – System device tree showing the locate button

When the locate button is pressed the selected group or intersection is automatically brought into view on the main map.

Group Monitoring and Control

MaxView supports displaying real time phase status, alarm status and more on the main system map for all intersections within the system. Using the mouse to pan/zoom to the desired location or using the quick locate button described above to zoom into a specific group or section of signals the user can monitor specific groups or regions of signals.

For the devices that are displayed on the main map, MaxView handles the rendering of icons automatically without any user configuration.

As a user zooms into the main map, the density of information increases to show more and more data.

The following highlights the available main map views as the map is zoomed in and out of a given area.

Zoom Level	Example	Displayed Information
Full zoom		Configured Main Street Green (MSG) phase status
Mid-level Zoom		Configured main and side street phase status Active alarms
Close-level Zoom		Full intersection detailed status with phase, overlap, ped Active alarm View is fully configurable by a user to add and remove status items

Additionally, the user can open the Intersection Group Plan window by selecting a group from the System Devices tree view, right clicking and selecting the Group Plan item from the context menu. Alternately this window can be opened by dynamically selecting multiple intersections from the map and click the Group Plan icon that is shown in the Intersection View window.

The Intersection Group Plan window, shown below in [Figure 15 – Intersection Group Plan window](#), displays the Intersection View along with the Coordination Status information and Plan information for each selected intersection.

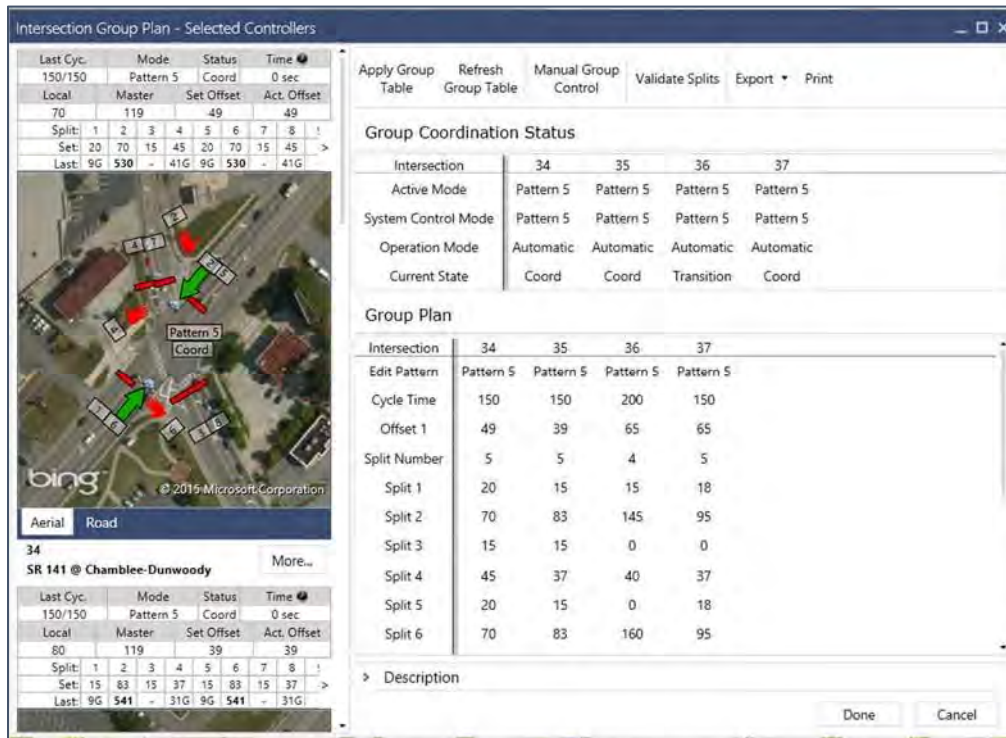


Figure 15 – Intersection Group Plan window

Central System Export Capabilities

MaxView is built on a web-services platform and therefore has a native Extended Markup Language

(XML-based) interface for data exchange, signal monitoring, and center-to-center operations.

MaxView can also export any reports, status or timing configuration tables/menus to PDF, Word, or Excel file formats. Traffic signal timings, options, and phase sequencing can be exported to Synchro data files from a single intersection or batch of intersections.

Display of Additional Devices

MaxView currently supports assigning video devices and ITS devices as external hyperlinks or application links to each intersection. The set of videos and ITS devices associated with each intersection is visible when an intersection is selected as seen in [Figure 16 – Selected intersection showing external ITS device links](#). To access these associated devices, the user simply clicks the specific hyperlink for the desired associated device.

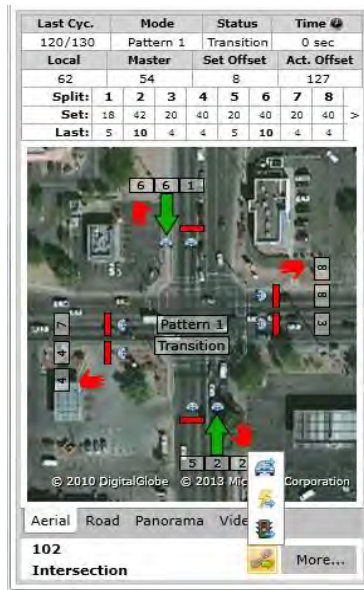


Figure 16 – Selected intersection showing external ITS device links

In addition to signalized intersections, MaxView also supports the display and management of Intelight’s MaxTime Ramp Meter controller software. The Ramp Meter can be added to the main map as an additional device and includes a full database editor, detailed status screens, and can be remotely commanded along with the Traffic Signal Timing Patterns, Traffic Responsive, Manual Control Groups, Action Sets, etc. The Ramp Meter device type is also fully integrated into MaxView’s reporting and configuration menus. *Figure 17 - Ramp meter device status view* below shows a Ramp Meter device status view.



Figure 17 - Ramp meter device status view

Furthermore, Intelight is actively working under contract with Anaheim, California to integrate Variable Message Sign (VMS) support into MaxView via NTCIP. The support City of Lancaster, CA Proposal

is near completion and will be provided to all MaxView customers for no additional fee in a system software update scheduled for the summer of 2015.

Additional device support for System Detection and Weather devices is planned for future releases.

This features also allow the user to link any documents to an intersection. The documents can be manuals, cabinet prints, maintenance logs or any other document the user would like to have linked to the intersection.

Communications and Logging

MaxView supports continuous autonomous 24-hour operation without requiring a user to be logged into the system. Each intersection and device within the system is monitored at the global polling status interval set in the system settings by default, up to once per second. If desired the polling rate of each intersection can be overridden and customized as desired.

Manual, Time of Day (TOD), Traffic Responsive, Action Set, and Adaptive commands can be sent to a single, pre-configured (device tree) group, section, or system, or dynamically selected group of intersections.

All commands are sent in real time to each device under control with each event logged with the timestamp, user and command type and value. For most manual commands, the user can add a description or note to the event log.

Adaptive Control Option

MaxView features the “Real-Time Pattern Tuner” module for adaptive logic operations. The module is based on the MaxView framework and can be run as an independent system or integrated into the MaxView Signal System. The “Real-Time Pattern Tuner” can be scheduled by TOD across single or large groups of intersections. Therefore, users can over-ride the adaptive operation with manual commands and monitor the adaptive intersections along-side intersections running standard patterns from the same interface. For example, the user can view a corridor’s time-space diagram (historical or live) where-as half of the corridor is under adaptive control and the other half is under a fixed TOD plan.

Intelight’s MaxTime Adaptive application is a complete and fully functional automatic Traffic Adaptive Signal System that is licensed “per intersection”. Like the MaxView central signal system, the traffic adaptive system contains menus for corridor configuration, time of day scheduler and MOE status screens like MaxView’s advanced “Online Pattern Optimizer.” The primary purpose of MaxTime Adaptive is to collect and process traffic data in real-time and, based on these data, to automatically tune the operation of existing previously engineered patterns to achieve better performance in the face of changing real-time conditions. While sharing some of the same characteristics with similar systems offered by other vendors, the Intelight MaxTime

Adaptive system has a unique approach: it uses high resolution signal data (Purdue/Indiana DOT standard specifications) to optimize timings and then commits the optimized timings to the controller via NTCIP 1202 parameters.

The Real-time Pattern Tuner performs the following timing pattern optimizations:

- Cycle: Cycle selection is performed by evaluating traffic loading along the corridor and optimizing the green band during the link-pivot offset optimization process.
- Offset: Plots vehicle arrivals (Purdue Coordination) over each cycle and iterates the “Link-Pivot” optimization algorithm over the user defined range of available cycle times maximizing Arrivals on Green (AOG)
- Splits: Monitors for split failures using Green Occupancy % (GOP) and Red Occupancy Percentage in first 5 seconds of red (ROR5); balances splits based on calculated occupancy factor using user defined weighting and adjustment thresholds.

A detailed overview of the MaxTime Adaptive system can be provided upon request.

System Notifications

In MaxView system administrators can configure which alarms the system monitors, the severity, if the alarm sounds an audible tone, and if the alarm triggers an alert on the main map. The system alarms configuration is independent of email/text message alert. Users can also add emails to each alarm for an alert whenever the alarm is triggered system-wide. [Figure 18 - System alarms configuration screen](#) below shows the alarm configuration screen in MaxView.

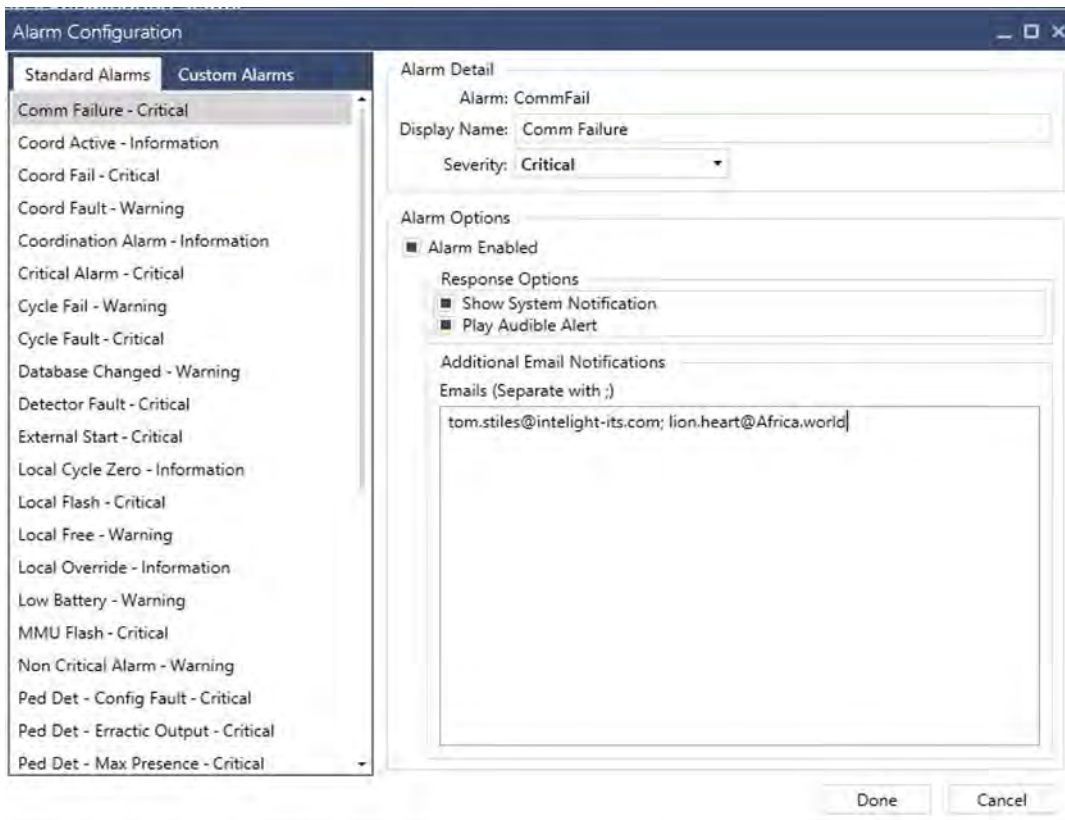


Figure 18 - System alarms configuration screen

When a monitored alarm is triggered or clears, the system immediately shows a pop-up in the bottom right corner of the main map window (optional for each alarm) showing the alarm type, the associated intersection or device, and the time and date stamp of when the event occurred. [Figure 19 - Main map alert "Pop Up" in MaxView](#) below shows an example of a pop-up indicating a detector fault alarm has cleared for intersection 101.



Figure 19 - Main map alert "Pop Up" in MaxView

In addition to the pop-up message, the associated device's icon on the main map will begin to flash between the main street green indication and an alarm clock icon. This indicates to the user that the device has an active alarm that has not yet been "acknowledged" as shown in [Figure 20 - Main Map Display Indicating Two Devices with Unacknowledged, Active Alarms](#).



Figure 20 - Main Map Display Indicating Two Devices with Unacknowledged, Active Alarms

Last, a "Heads-Up" display appears at the top of the main map showing that "Unacknowledged Alarms" exists. Any user with the correct permissions to acknowledge alarms can click on the "Heads-Up" bar with the mouse and open the "System Alarms" window. In the System Alarms window, the user has the option to acknowledge all active alarms, or only those that the user wishes to clear the flashing device indications on the main map. The actual alarm alert will not clear until the device alarm has cleared. In addition, the System Alarms window logs the user who clears the alert and the time and date the alarm was acknowledged.

Figure 21 - [Alarms "Heads-Up" Display Showing Five New Unacknowledged Alarms](#) below shows the "Heads Up" display that unacknowledged system alarms are active. The "Active System Alarms" window where users "Acknowledge" alarms are shown in [Figure 22 - MaxView System Alarms Window Where Users "Acknowledge" Alarms](#).

Finally, the "Recent Alarms" log window is shown in *Figure 23 - MaxView System "Recent Alarms" Log Shows a Record of Alarms that have Occurred and the User Who Acknowledged the Alarm.*

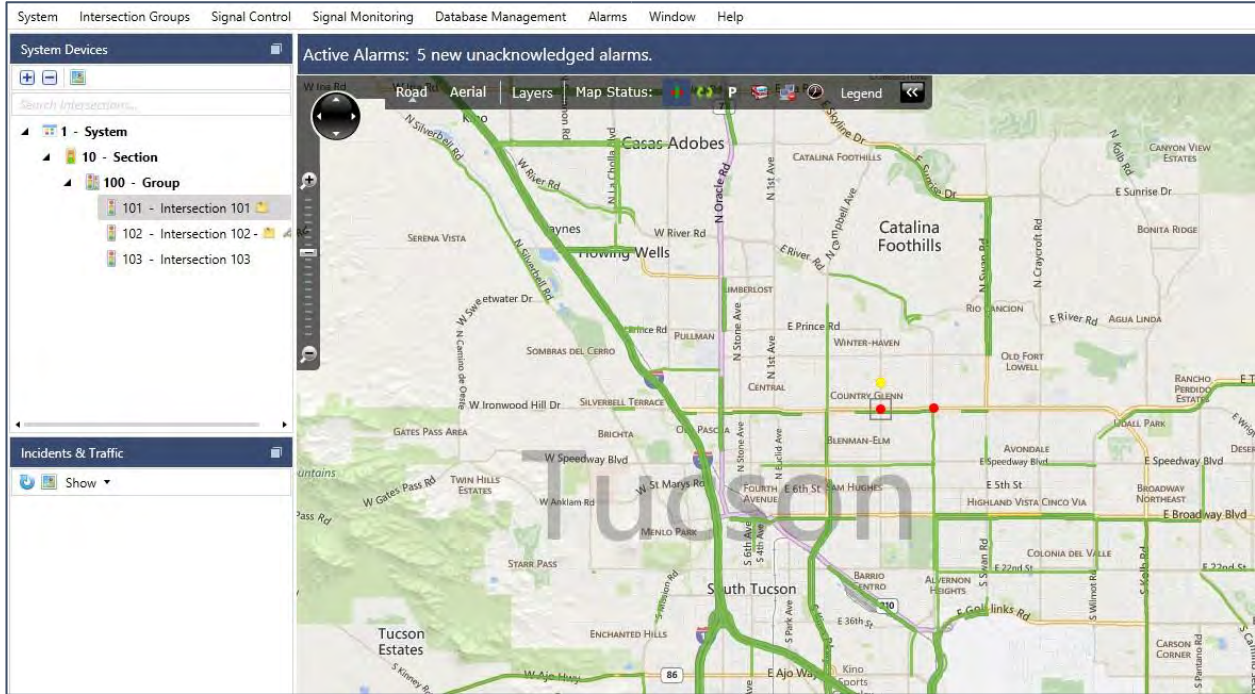


Figure 21 - Alarms "Heads-Up" Display Showing Five New Unacknowledged Alarms

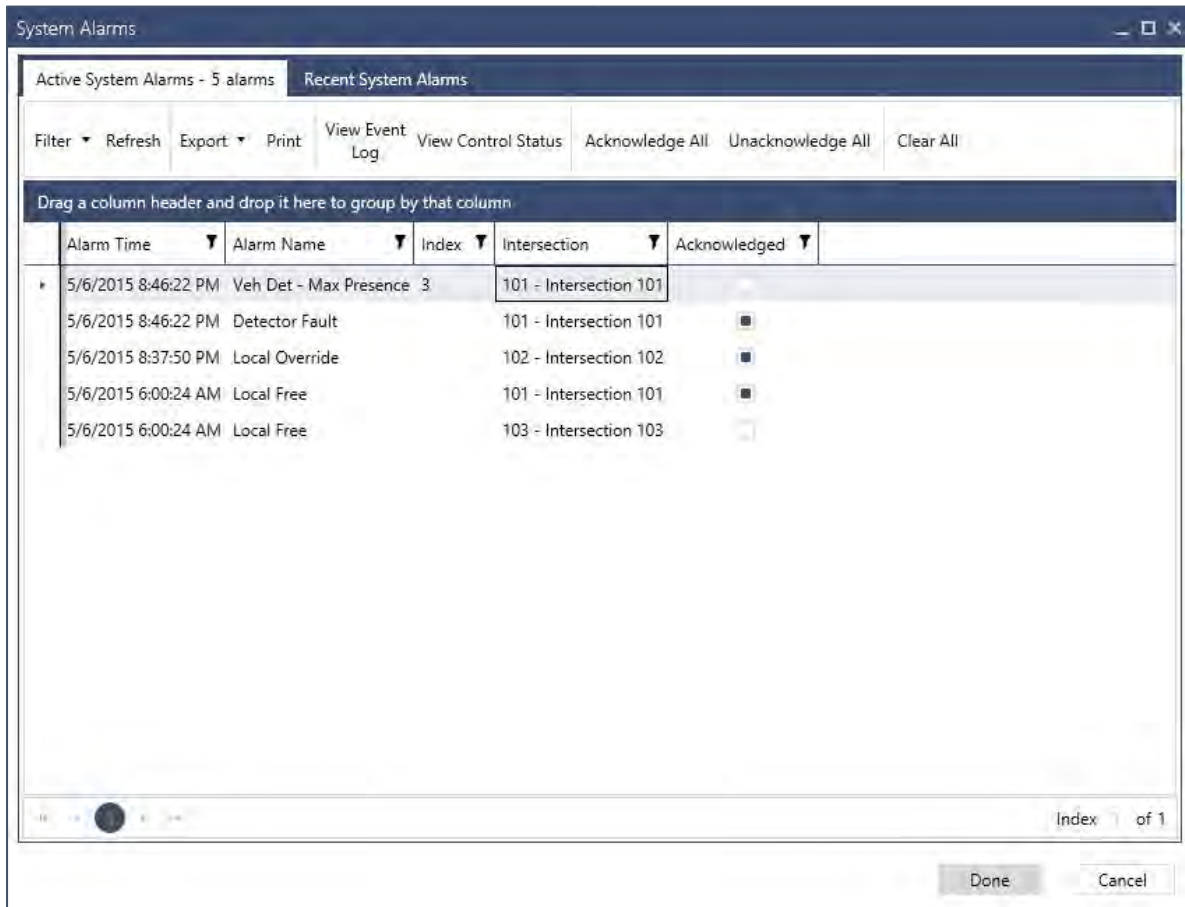


Figure 22 - MaxView System Alarms Window Where Users "Acknowledge" Alarms

Alarm Time	Alarm Name	Index	Intersection	Severity	Alarm Value	Notified Users
5/6/2015 8:36:12 PM	Veh Det - Max Presence	3	101 - Intersection 101	Critical	Cleared	
5/6/2015 6:00:24 AM	Local Free		103 - Intersection 103	Warning	Received	Administrator (Admin)
5/6/2015 6:00:24 AM	Local Free		101 - Intersection 101	Warning	Received	Administrator (Admin)
5/6/2015 6:00:24 AM	Local Free		102 - Intersection 102	Warning	Received	Administrator (Admin)
5/6/2015 5:57:14 AM	Veh Det - Max Presence	3	101 - Intersection 101	Critical	Received	
5/6/2015 5:55:34 AM	Detector Fault		101 - Intersection 101	Critical	Received	
5/6/2015 5:55:34 AM	Veh Det - No Activity	1	101 - Intersection 101	Critical	Received	
5/6/2015 12:00:09 AM	Local Free		103 - Intersection 103	Warning	Cleared	
5/6/2015 12:00:09 AM	Local Free		101 - Intersection 101	Warning	Cleared	
5/6/2015 12:00:09 AM	Local Free		102 - Intersection 102	Warning	Cleared	
5/5/2015 3:32:47 PM	Local Free		102 - Intersection 102	Warning	Received	
5/5/2015 3:32:47 PM	Local Free		101 - Intersection 101	Warning	Received	
5/5/2015 3:32:47 PM	Local Free		103 - Intersection 103	Warning	Received	
4/30/2015 6:00:21 PM	Local Free		103 - Intersection 103	Warning	Cleared	
4/30/2015 6:00:21 PM	Local Free		101 - Intersection 101	Warning	Cleared	
4/30/2015 6:00:21 PM	Local Free		102 - Intersection 102	Warning	Cleared	

Figure 23 - MaxView System "Recent Alarms" Log Shows a Record of Alarms that have Occurred and the User Who Acknowledged the Alarm

The Active and Recent System Alarms logs include filters for sorting and grouping alarms to create reports. The reports can then be exported to Excel, Word, PDF, or printed.

Communications Polling

The system bridges short-term temporary losses in communications without effecting system operation in multiple ways. Using traditional NTCIP protocol and methods the system continues to check the alarm state every polling period. Therefore, if the start of an alarm (i.e. MMU Flash) occurs during a short-term communications loss, the system will re-poll and discover/log the same alarm during the next polling event if the alarm is still active. Regarding phase states/interval changes, the display will only display the last known active state of each object. However, the system will continue to check for an updated state during each polling period. Furthermore, all phase states, controller events, and NTCIP alarms are logged locally in the signal controller every 1/10th of a

second via the Purdue/INDOT high resolution specification. MaxView periodically (user defined) uploads the data to from the controller to the system. If communications are lost for any period less than that of the data being stored (each controller can store 12 to 24 hours of data) MaxView will upload all off the data logged during the communications failure. The changes are stitched into the SQL database at the system and can be viewed later.

In summary, by building MaxView's data collection framework around the controller's high-resolution event data (Purdue/INDOT Data) controller alarms, phase states, coordination events, etc. are always logged at the controller level and when communications return, the events are uploaded and viewable in the MaxView system. This framework ensures there is always a complete log of controller events stored at the system level. In comparison, legacy systems can only store the event data if it is observed during the system's polling activity. During a communications failure, if the events are missed they are lost forever.

In addition, statistics are maintained in the database and reports are available to summarize all such errors. Communications errors that exceed user established thresholds cause a failure alert to the operator and Comm. Failure Event.

Event Logging

MaxView logs all events described in the requirement above including but not limited to the following:

General Event Log:

- User Signed In
- User Signed Out
- User Sign In Failed
- Alarm Notification Failure
- Alarm Acknowledged
- Alarm Unacknowledged
- System Startup
- System Shutdown
- System Configuration Changed
- User Comment Added
- User Comment Removed
- Database Cleanup Completed
- Database Cleanup Failed Command Log:
- Manual Command
- TOD Command
- Traffic Responsive Command
- Command Expiration/Reset
- Action Set Command Set

- Adaptive Commands
- Command Failed

Alarm Log:

- Preempt
- T&F Flash
- Local Cycle Zero
- Local Override
- Coordination Alarm
- Detector Fault
- Non Critical Alarm
- Critical Alarm
- Cycle Fault
- Coord Fault
- Coord Fail
- Cycle Fail
- MMU Flash
- Local Flash
- Local Free
- Coord Active
- Low Battery
- Response Fault
- External Start
- Stop Time
- Comm. Failure
- Custom Alarms 1- 48

Database Upload/Download Activity Log

- Upload Completed
- Upload In Progress
- Upload Failed
- Upload Cancelled
- Upload Queued
- Download Completed
- Download In Progress
- Download Failed
- Download Cancelled
- Download Queued

Database Management

Central Database Management in MaxView (System)

The MaxView Intersection Database Editor allows a user to view and edit complete MaxTime controller databases by opening two different views into the intersection data:

- Live Front Panel Editor
- Offline Database Editor

Although traditional “Open-Upload-Edit-Save-Download” operations can be performed in MaxView, the Live Front Panel Editor™ reduces the workflow to “Open-Edit-Download” while logging and archiving all changes.

The MaxView Live Front Panel editor always loads and continuously refreshes the most recent data in the controller database when the window is opened. Therefore, if a field user is changing data in the front panel of the controller, the system user can see the changes update every second in the same menu/screen.

Using the Live Front Panel editor is just like working in the front panel of the controller with the added ability of being able to make multiple changes at once and then bulk download them either one table at a time or multiple tables at once. Every download is logged with a time-stamp, user name, and the specific parameters changed.

The MaxView Offline Database Editor enables a user to upload, edit, save and download either a single table or all the tables of a full controller database that has been previously uploaded and stored within the system.

The MaxView Offline Data Editor also enables a fully uploaded database to be “Saved As” a new database to either the same intersection or to another intersection in the system of the same type— making it easy to transfer databases between intersections.

The Save As menu can be seen below in [Figure 24 – Intersection Database editor showing the Save As menu](#).

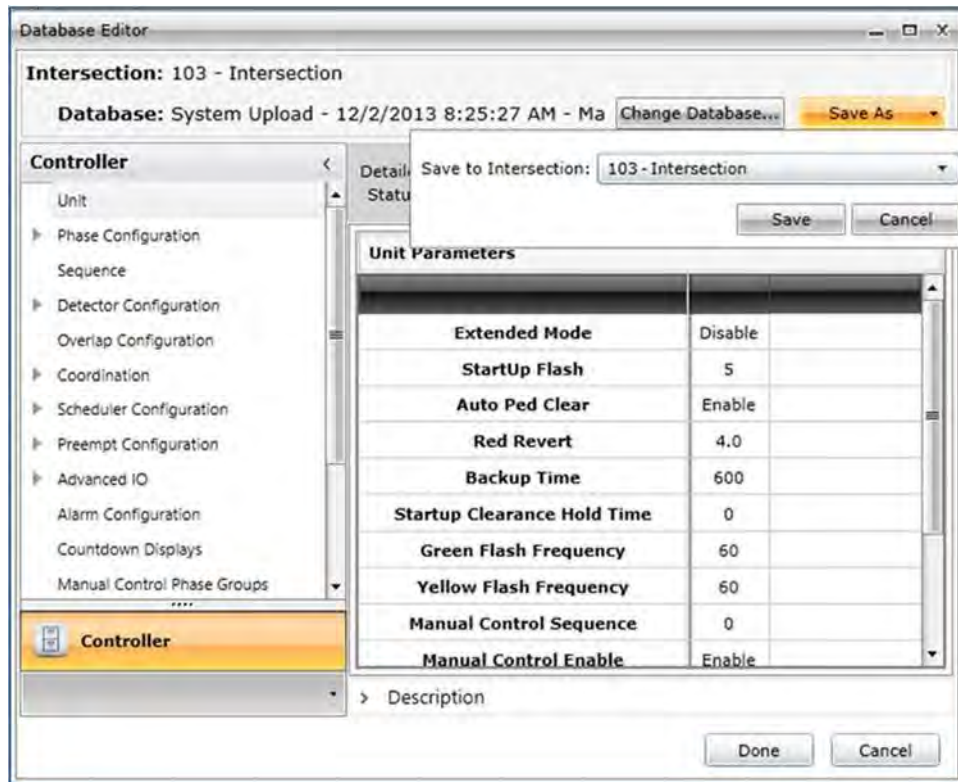


Figure 24 – Intersection Database editor showing the Save As menu

MaxView also supports scheduling a full controller upload for a System, Section or Group from the Database Upload Scheduler. A scheduled upload can be configured to occur on any desired recurrence pattern. When completed the scheduled uploaded is automatically compared with the previous upload and any changes are logged. The database upload scheduler can be seen below in [Figure 25 – Database upload schedule window showing a scheduled upload for the system.](#)

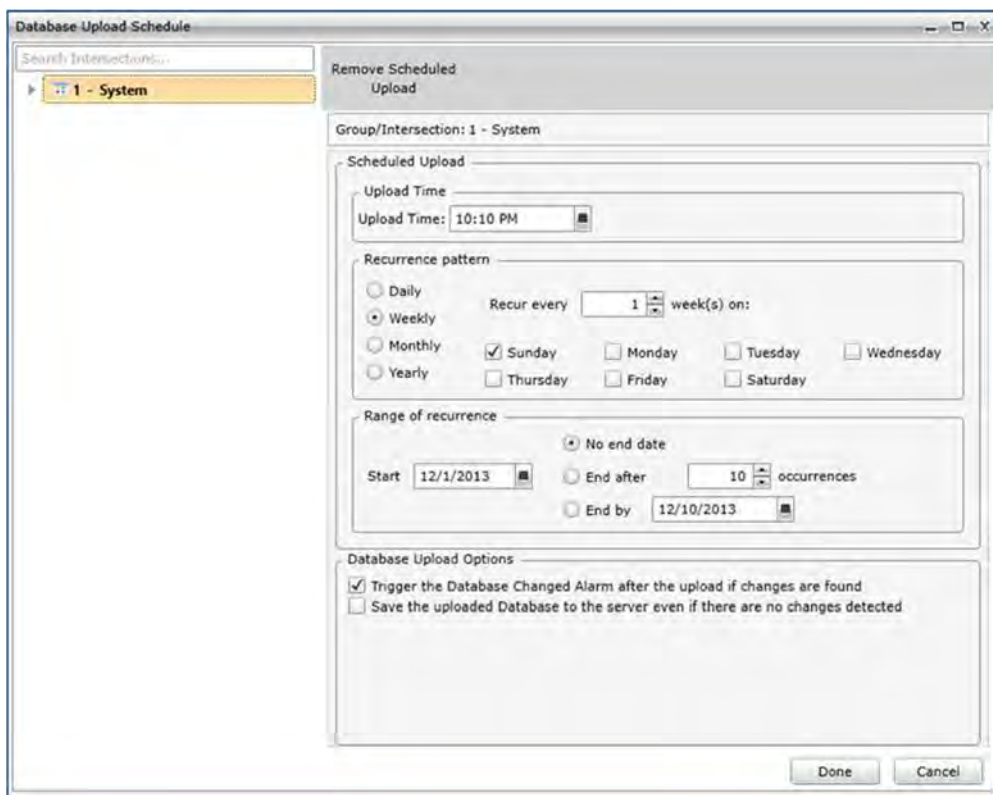


Figure 25 – Database upload schedule window showing a scheduled upload for the system

A database-changed alarm can be triggered for the intersection if changes are detected after a scheduled upload. A scheduled upload is only saved to the system if completed and if changes are detected. A user can choose to always save the scheduled upload as well if desired.

Through the System Database Management window, a database from a previously uploaded controller database can be downloaded again and restored to the controller. This window, shown below in [Figure 26 - System Database Management window](#), shows a time-stamped list of database uploads and downloads (full manual and automatic and partial uploads/downloads); each transaction can be expanded to show the specific changed values.

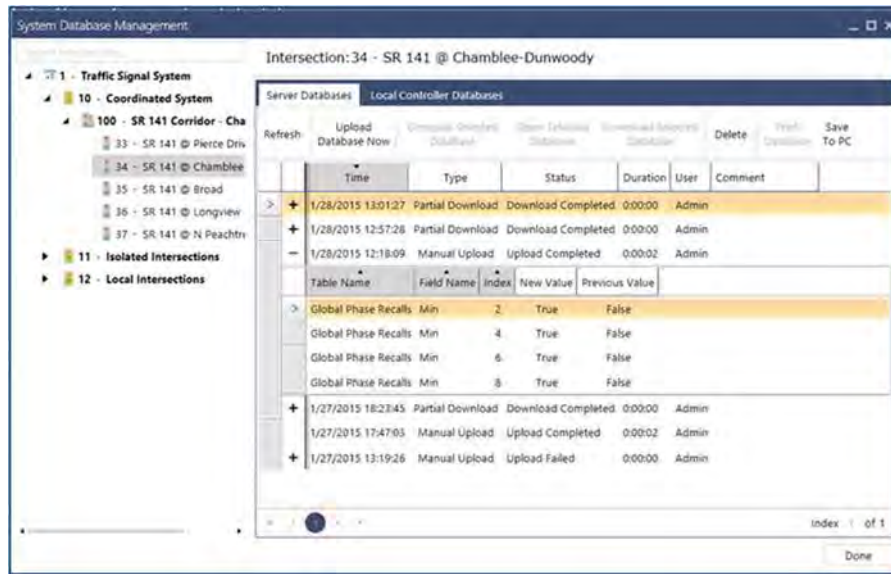


Figure 26 - System Database Management window

All controller database uploads and downloads are stored in SQL server in a standard format.

Central Database Management in MaxTime (Local Controller)

Through the System Database Management menu in the MaxTime local controller software, users can see the last 10 databases that were uploaded to the central system from the same intersection ID. From the controller screen, the user can choose to download any of these archived databases from the central system to the controller to restore previous operations. In addition, the user can trigger a remote upload from MaxTime to the Central System to upload and archive the active controller database in the field. The menu, shown below in [Figure 27 – MaxTime Remote System Database Menu](#), shows a time-stamped list of databases available for remote download from the central system to the signal controller.

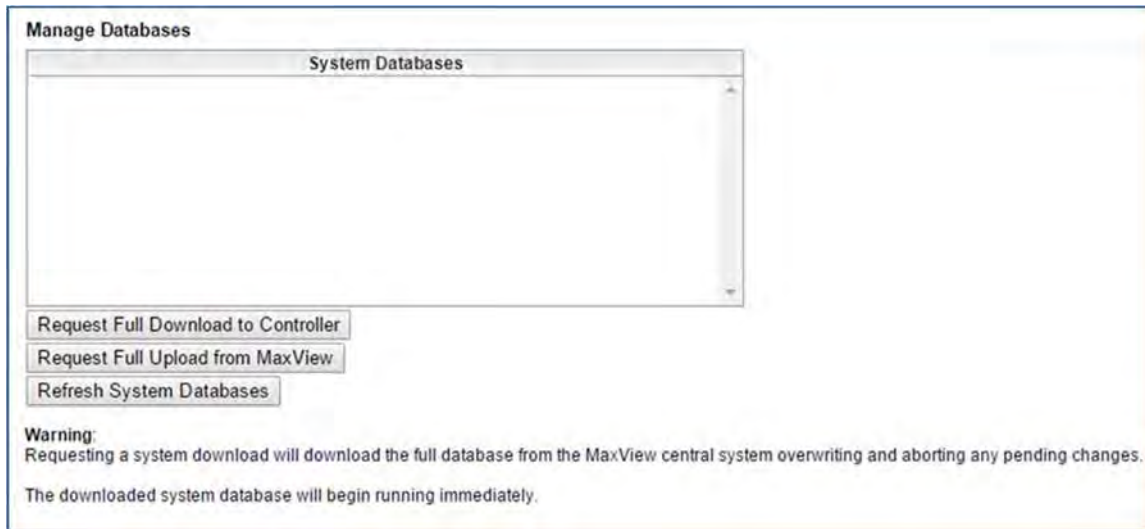


Figure 27 – MaxTime Remote System Database Menu

Database Tracking

MaxView provides a System Database manager that tracks all upload and download activity for each intersection within the system. In addition, complete database files can be easily archived/stored in the system for each controller. As described in the previous section, the database upload can be scheduled or performed manually.

MaxView supports a controller database changed alarm that is triggered when a database change is detected after a scheduled upload.

The notification template used for email and text message alarms is fully configurable at deployment time.

Intelight is also currently under contract to develop a MaxView trigger that exports timing database parameters for each intersection whenever a change is detected. The export will include time/date stamp and store key timing information in a searchable SQL Database.

Database Comparisons

The System Database manager allows a user to compare any two system databases, as well as perform full uploads, full downloads or the ability to save a database to another intersection.

The comparison of two system databases can be seen below in [Figure 28 – Database comparison window](#).

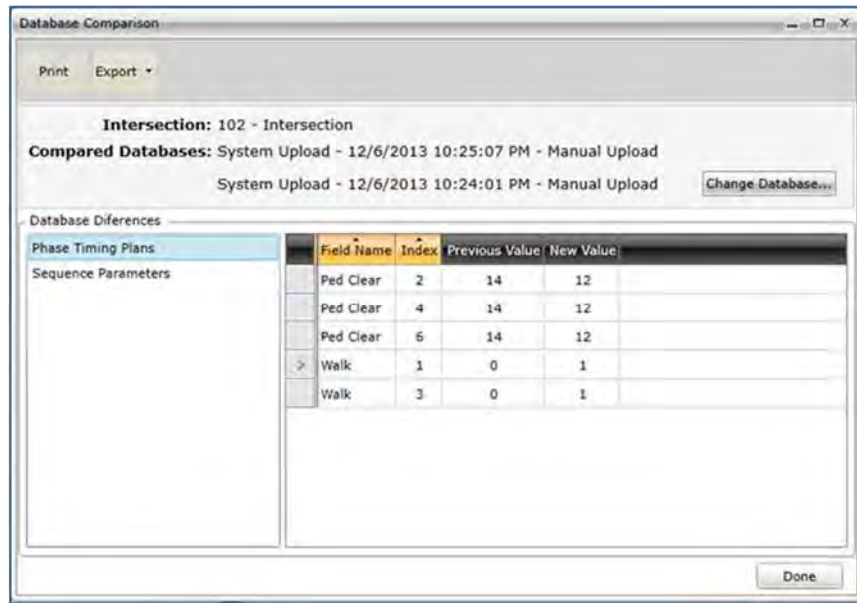


Figure 28 – Database comparison window

The database comparison report can be printed or exported to Excel, Word or PDF.

As mentioned above, users can schedule automated database uploads to MaxView. The upload automatically compares the database to the last archived database and alerts the user via heads up display and optional text/email message that a change has occurred. The user can choose to keep the new database or disregard the change.

Database Archiving

MaxView supports archiving the full database of each controller within the system through both a full manual database upload and a scheduled full upload. Each full manual and scheduled upload is tracked with the date and time completed, the upload type, and indicates any changes from the previous upload.

The uploaded database is stored in and backed up with the systems SQL server database. Each database includes ALL available timing and configuration parameters available in the corresponding controller's complete NTCIP MIBS. For Intelight's MaxTime software, the database includes all individual database parameters including but not limited to: Phase configuration/startup data, phase timing and TOD parameters, Custom input/output mapping, advanced user logic, Peer-to-Peer configuration, master/slave/closed loop configuration, description fields, serial communication settings; except for the Ethernet (IP) address and configuration.

The system databases that are archived and uploaded into MaxView can be printed and exported using a set of customizable Excel based print templates. Each template provides a data tag based interface that can be used to export the stored data in a fully customizable print view for each controller type within the system. The database activity

of each controller can also be printed directly from the System Database window or exported to Word, Excel or PDF.

In addition to the default database templates provided by Intelight, users can create custom templates in Microsoft Excel or Word using data tags (*see Figure 29 – Example of data tags in database printing templates*) for each database object. MaxView (and MaxTime) will then output the actual timings in the selected templates as a PDF or Excel document. Figure 30 below shows an example database printout of basic phase parameters.

Unit Information	
Controller ID	?PrintData=unitControllerId?
Main St.	?PrintData=unitMainStreet?
Side St.	?PrintData=unitSecondStreet?

Figure 29 – Example of data tags in database printing templates

Controller																								
Phase Parameters																								
Phases	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Walk Time	0	7	0	7	0	7	0	7																
Clear Time	0	8	0	8	0	8	0	8																
Don't Walk Time	0	0	0	0	0	0	0	0																
Min Green	7	10	7	10	7	10	7	10																
Passage	1	1	1	1	1	1	1	1																
Max-1	15	30	15	30	15	30	15	30																
Max-2	0	0	0	0	0	0	0	0																
Yellow Change	3	3	3	3	3	3	3	3																
Red Clear	2	2	2	2	2	2	2	2																
Red Revert																								
Added Initial																								
Maximum Initial																								
Time Before Reduction																								
Cars Before Reduction																								
Time To Reduce																								
Reduce By																								
Minimum Gap																								
Dynamic Max Limit																								
Dvnamic Max Step																								
Delayed Green																								
Delayed Ped																								
Alt Walk																								
Alt2 Walk																								
Alt Ped Clear																								
Alt2 Ped Clear																								
Pre Green																								

Figure 30 – Example Template of MaxTime Database Printout

User Comments

MaxView requires user confirmation before any data download is started, with the optional ability to add comments. The same download confirmation screen is shown when downloading data from the Intersection Database Editor, the Group Plan View, or the Time Space Diagram view.

The download confirmation can be seen below in *Figure 32 – Database download confirmation when downloading database phase times.*

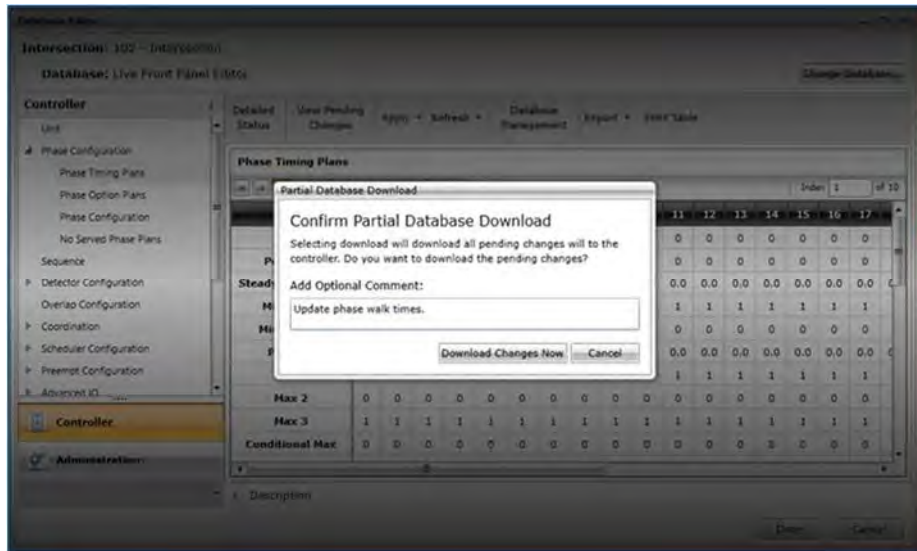


Figure 32 – Database download confirmation when downloading database phase times

When any controller database change is made it is recorded with the user, date and time, comments and the set of changes as a log entry in the System Database view as seen in *Figure 33 – System database window showing walk timing changes.*

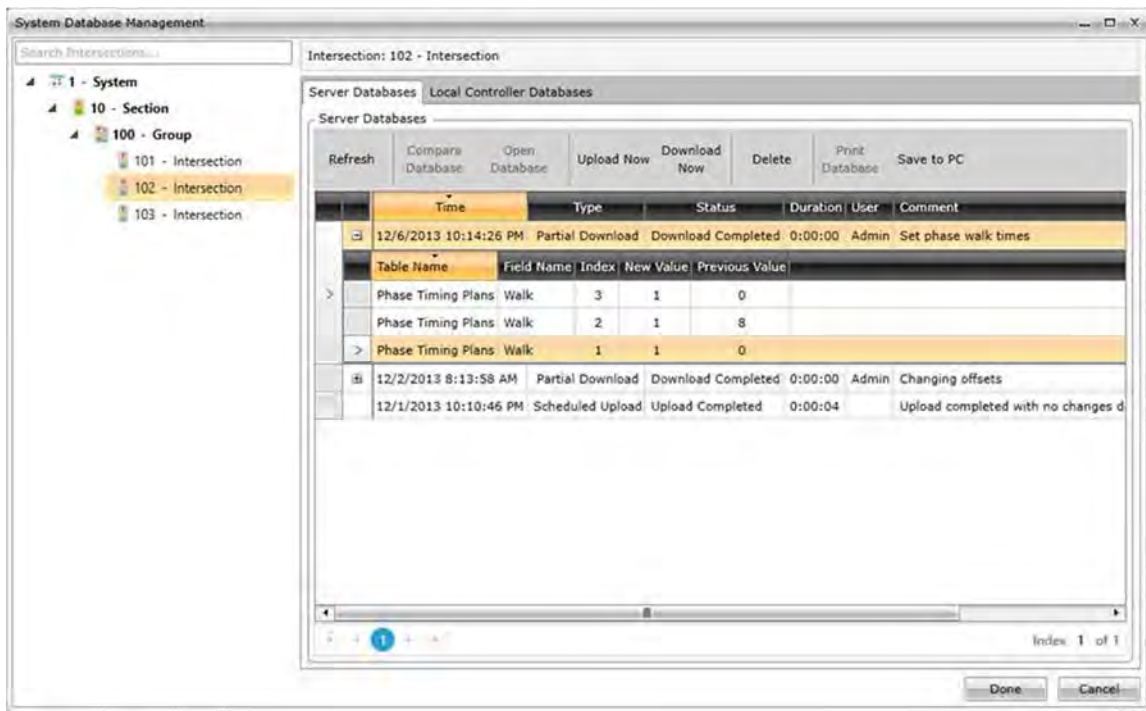


Figure 33 – System database window showing walk timing changes

The length of time logs can be archived depends solely on the available hardware storage.

Advance Signal Monitoring

MaxView supports advanced signal monitoring functionality for all intersections within the system. All intersection event data is stored in a SQL server database that is separate from the MaxView configuration database. For Intelight MaxTime controllers and other controllers supporting the Purdue high-resolution event data support, MaxView Central collects signal operations data via 1/10th second high-resolution data. Otherwise MaxView collects the signal data via once per second polling (unless otherwise defined).

The retention period of each class of events is heavily dependent on the server hardware and can be set by the user as seen in [Figure 31 – Signal Monitoring event retention settings](#).



Figure 31 – Signal Monitoring event retention settings

By default, signal monitoring is enabled on all intersections that are set to poll within the system.

Intersection event data is recorded and written to the SQL Server database when received by the system. By default, event data is read from the intersection at the global polling rate.

All intersection event data can be queried directly from the SQL server database by timestamp, intersection ID, and event code or event value.

High Resolution Data

MaxView supports logging all signal monitoring data using the event codes defined in the Indiana DOT event data recorder specification (ITM No. 947-XX). When connected to Intelight MaxTime controllers all event data is recorded directly by the local controller at a 1/10th of a second resolution and reported to MaxView on a user-configured frequency. When connected with non-MaxTime controllers event data is recorded at a 1 per second resolution when the status data for each intersection is polled.

The raw event data is used to drive all MaxView MOE views including: Split Monitor, Time Space Diagram and Last Cycle/Phase time information. In addition, MaxView supports several report viewers that allow recorded events to be plotted in time for any given period or viewed in a grid with advanced Boolean filters.

The Intersection Event Timeline viewer can be seen below in [Figure 34 – Event Timeline viewer showing recorded splits for an intersection](#).

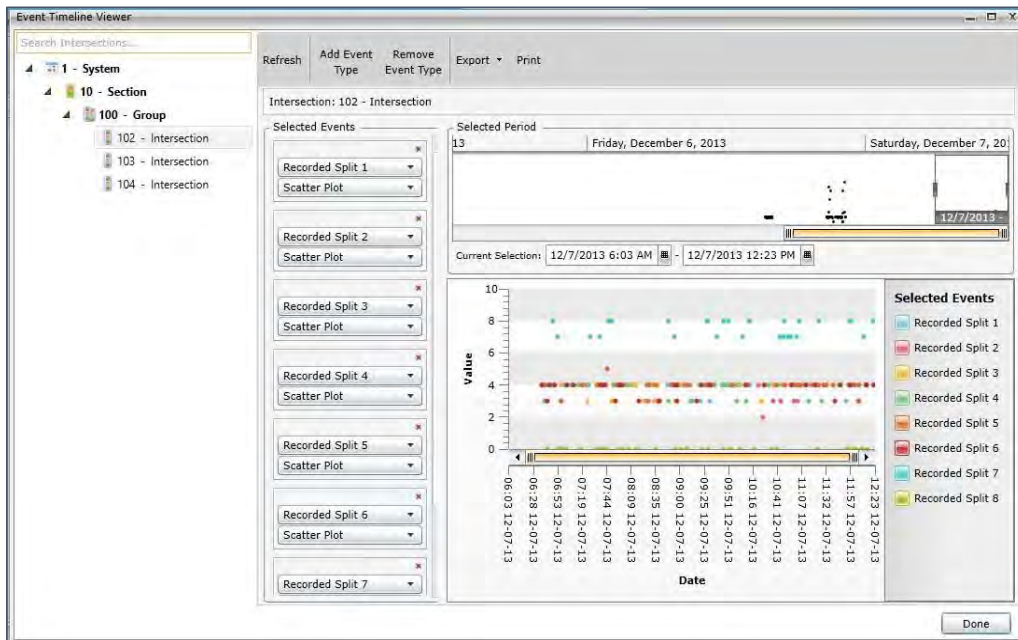


Figure 34 – Event Timeline viewer showing recorded splits for an intersection

The Intersection Event Report viewer can be seen below in [Figure 35 – Intersection Event Viewer showing all the events for a given intersection](#).

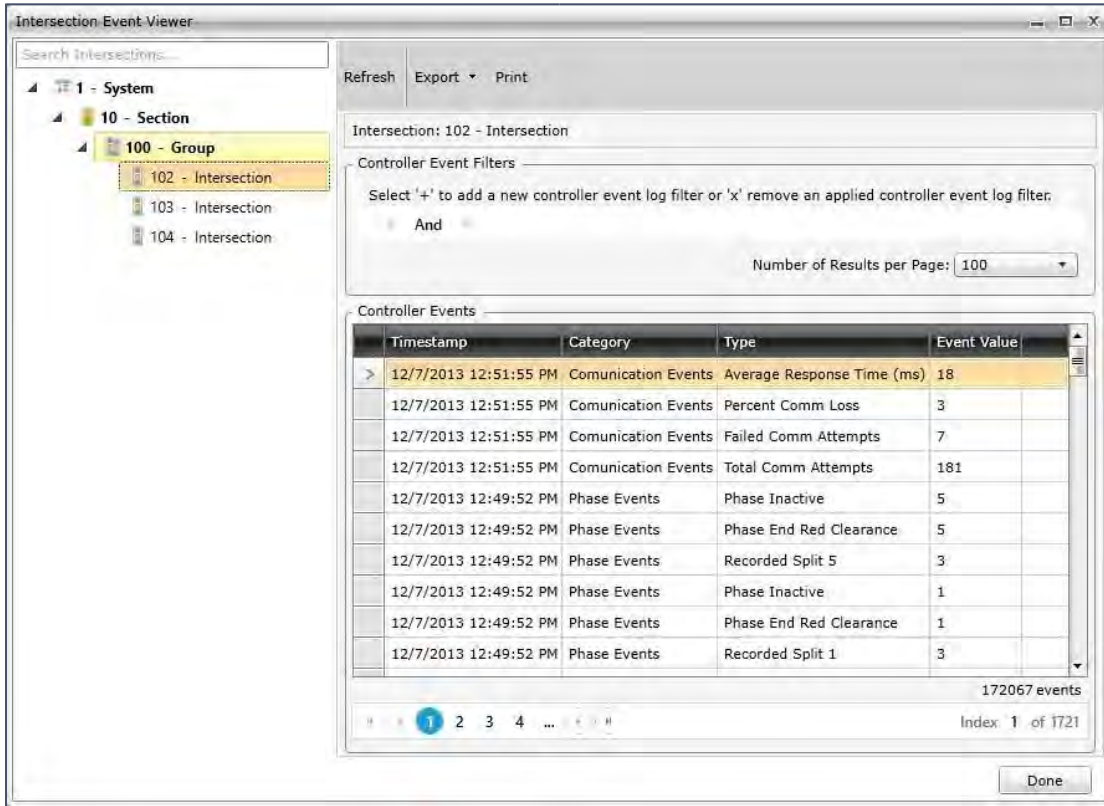


Figure 35 – Intersection Event Viewer showing all the events for a given intersection

Synchro Interface

MaxView supports import and export of Synchro PHASING.CSV and TIMING.CSV data files for any intersection within the system. The Synchro “Version 6 Data” standard is widely accepted by many popular modeling vendors.

Multiple intersections can be imported or exported at one time using the Database Import/Export Utility. A user first selects the database to base the import on or the database to export and then selects the PHASING.CSV or TIMING.CSV file to use.

The Database Import/Export utility can be seen below in [Figure 36 – MaxView Database Import/Export Utility showing Synchro export options](#).

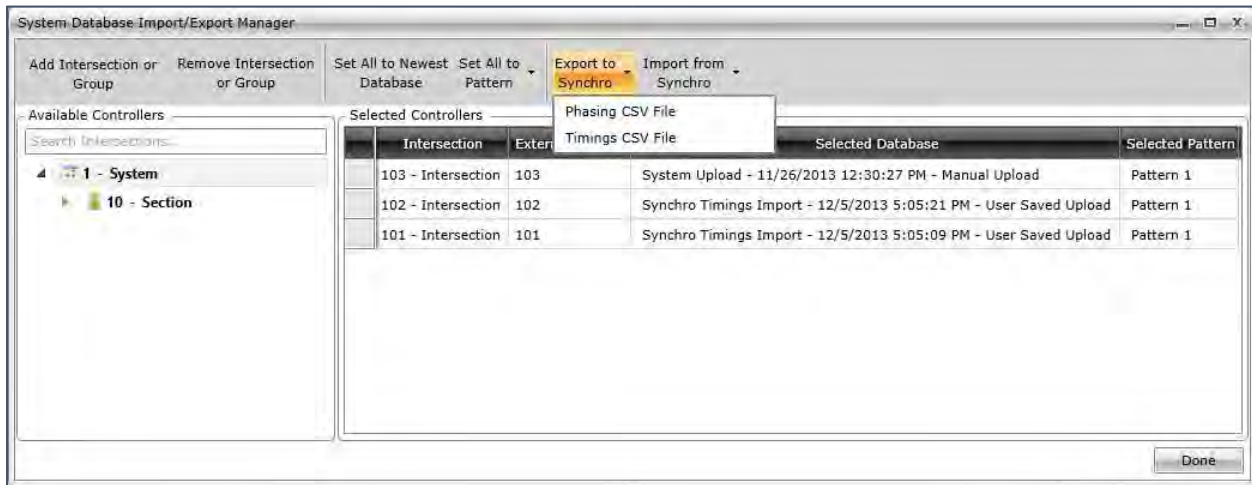


Figure 36 – MaxView Database Import/Export Utility showing Synchro export options.

PTV VISSIM Modeling Interface

Intelight’s MaxTime controller software includes a 100% feature complete Windows emulator. The emulator has been integrated into VISSIM to run as software in the modeling loop. Intelight’s software release system builds a new Windows version of MaxTime every time a test build is created for the Linux controller platform. Therefore, MaxTime Windows is always up to date with the software version deployed in the field with no release delays.

Using the web-UI interface on a Windows computer, the user can run multiple MaxTime emulators (virtual controllers) and VISSIM in tandem to model advanced user logic, complex phasing or signal timing operations, view the effects of different coordination modes, or test and optimize the Peer-to-Peer configuration between controllers in the same system. This support is included in the MaxTime licensing package.

General Data Export

As previously mentioned, the user can also export any controller status screen, database menu, system log, or group timing plan editor screen to PDF, Word, or Excel formats.

System and Local Detector Monitoring and Recording

MaxView supports monitoring, recording and storing of data for both system and local intersection detectors.

The System Detector configuration window can be seen below in [Figure 37 - System Detector Configuration Menu](#).

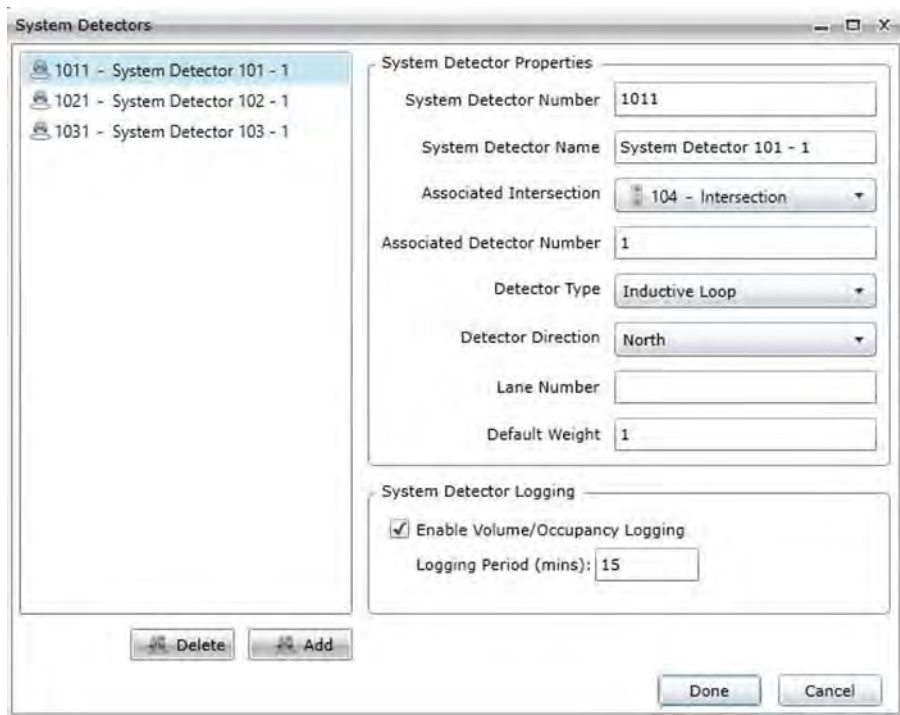


Figure 37 - System Detector Configuration Menu

MaxView generically supports aggregating volume, occupancy, and speed data from both Intersection and System detectors.

The recorded volume and occupancy data can be viewed within MaxView using the interactive Intersection Detector Volume and Occupancy viewer and the interactive System Detector Volume and Occupancy viewer. [Figure 38 – Intersection Detector Volume and Occupancy interactive report viewer](#) and [Figure 39 – System Detector Volume and Occupancy interactive report viewer](#) below show graphical detector reports. The same data can be printed or exported in tabular format.

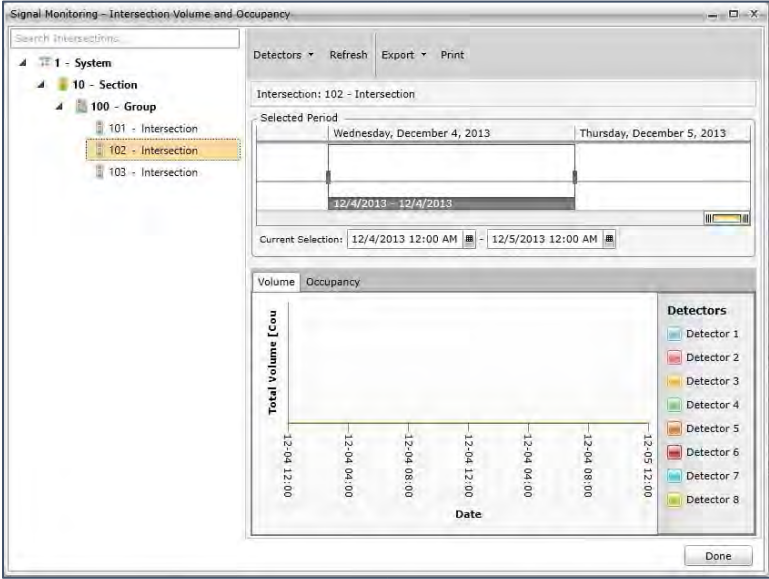


Figure 38 – Intersection Detector Volume and Occupancy interactive report viewer

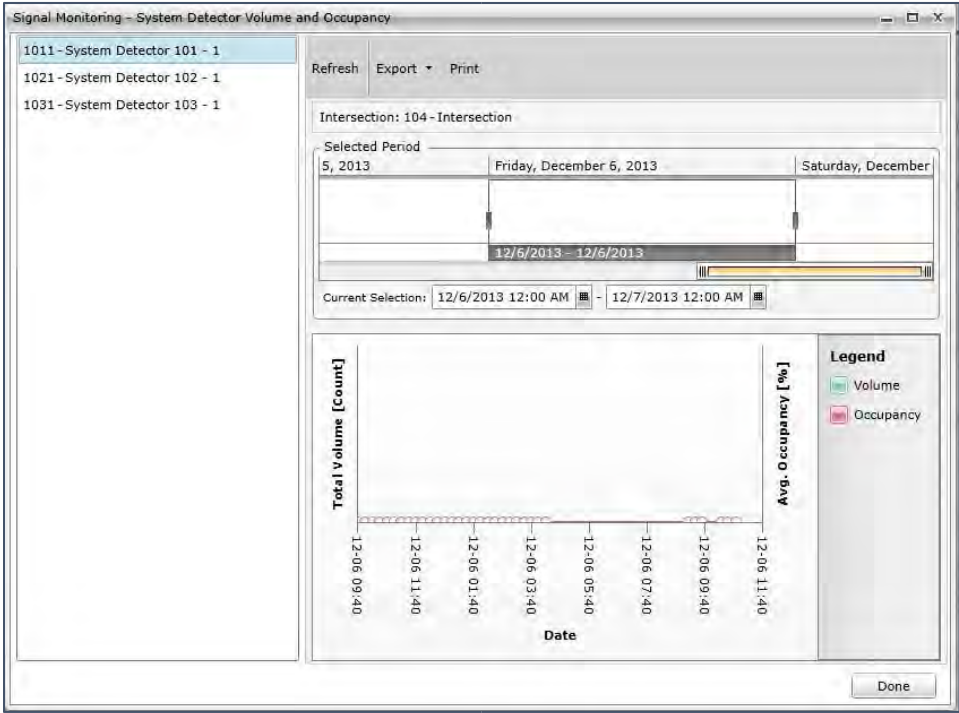


Figure 39 – System Detector Volume and Occupancy interactive report viewer

In addition to a graphical system detector report view, users can monitor a real-time system detector report showing volume, occupancies, and speed. The report updates

per the system detector-polling rate. *Figure 40 – System detector real time status* below shows an example of the real-time system detector viewer.

	Sys Det #	Intersection	Vol	Occ	Updated
>	1031	103 - Intersection	6	24	12/7/2013 11:24:36 AM
	1021	102 - Intersection	6	24	12/7/2013 11:24:36 AM
	1011	104 - Intersection	6	24	12/7/2013 11:24:36 AM

Figure 40 - System detector real time status

Detector Failure Monitoring

MaxView actively monitors all controller detector diagnostics including “Max Presence,” “Erratic Counts,” and “No Activity” (NTCIP 1202 Detector Diagnostics). In the controller software, users can configure individual thresholds for each type of failure on a per detector basis. Furthermore, users can specify global thresholds/limits for all detectors, or select different tables by Time of Day (i.e. failure thresholds may be disabled or may have a much wider range in the middle of the night vs. during peak hours).

When a detector alarm/failure occurs, or clears in the controller software, the MaxView system records the alarm in the system event log with the intersection, failed vehicle/system detector number, date, and time stamp. When a failure occurs, the system can be configured to send an email or text alert to a technician with the intersection location and detector number failed.

At any time, users can filter the even log for active or previous detector failures. This log can be exported to Microsoft Word or Excel, PDF, or printed.

Figure 41 – MaxView System Alarms Log Showing Failed Vehicle Detectors below shows failed, unacknowledged detector alarms in MaxView.

Alarm Time	Alarm Name	Index	Intersection	Acknowledged
5/6/2015 5:57:14 AM	Veh Det - Max Presence	3	101 - Intersection 101	
5/6/2015 5:55:33 AM	Veh Det - No Activity	1	101 - Intersection 101	
5/6/2015 5:55:33 AM	Detector Fault		101 - Intersection 101	

Figure 41 – MaxView System Alarms Log Showing Failed Vehicle Detectors

Remote Operations

As MaxView is web-based, there are no ports to configure or additional client application services or components to install and manage with all traffic between the client and server routed over port 80. Being web-based also enables seamless remote connections over existing VPN networks without any advanced configuration. When using a VPN connection, all signal system related data is sent through the secure tunnel while streaming map data (if using Microsoft© Bing© Maps) is pulled from the Internet, significantly reducing lag caused by large data transfers associated with server sourced maps.

Mobile Device Support

MaxView supports full access and connectivity from any device running a modern web browser and that supports the Silverlight 5 plugin. This includes Windows 8 tablets and Mac OS devices.

For mobile devices running operating systems other than Windows 8 or Mac OS, MaxView Central includes a special web service interface to which authorized smartphone device users (including both Apple IOS and Android device users) can connect to obtain basic system and device status, and can connect via secure proxy to connected devices. This allows system engineers and/or technicians to diagnose system issues and interact with system devices remotely (to obtain detailed real-time status, upload/download, etc.) via a simple smartphone-type device. This web interface serves up pages in the format appropriate to the connecting device's screen size. Only a browser is required on the device, no special app need be installed. In addition, users can always access MaxTime's web user interface from any mobile device by connecting directly to the controller with an Ethernet cable or a Wi-Fi adapter.

System Operations and Functions

Central Scheduler

The MaxView scheduler provides a single, unified view of recurring TOD, one-time TOD, and special events and holiday scheduling commands that will be applied to a given system, section, group or intersection. This method is superior to traditional methods because the user can program all events in one calendar vs. configuring standard TOD, Holiday, Special Event, and Construction calendars.

Furthermore, the MaxView TOD scheduler tells the user exactly what's happening on the day viewed.

There is no need to search in alternate menus or secondary status displays.

MaxView's TOD scheduler places no limit on the number of commands that can be set or scheduled within the system. Therefore, special events and holiday scheduling can be easily configured in the standard time of day calendar/scheduler.

The TOD scheduler supports a 1-minute resolution with advanced recurrence modes to handle holiday and special events as seen below in [Figure 42 - Time of day command recurrence editor](#).

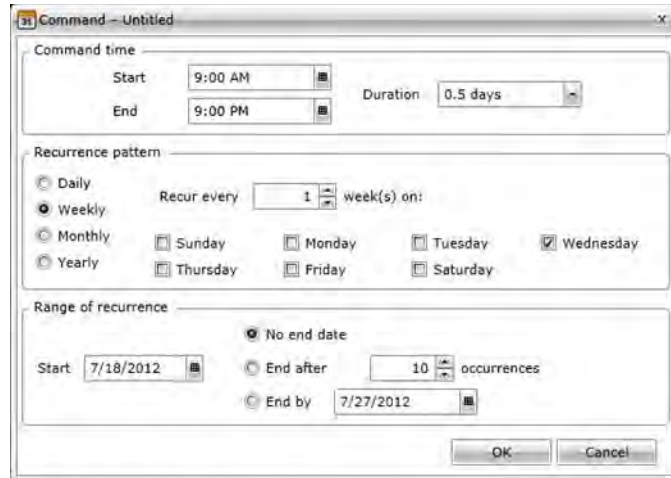


Figure 42 - Time of day command recurrence editor

The time of day scheduler supports adding the following types of recurrences, which can be used to support any holiday or special event into the future:

Recurrence Type	Recurrence Options
Daily	Every N days Every weekday
Weekly	Every X weeks Recur on any given day
Monthly	Every X day of every X month The Xth day of every X month
Yearly	Specific day every year The Xth day of a given month

The range of a recurrence can also be specified—the available options are:

- No end data
- End after X occurrence
- End by [date]

By adding a recurrence to a given command, an advanced time of day schedule can be created with very few clicks.

The TOD Scheduler also supports overriding a given recurring command for a given day or days with an exception command that will be run one time as seen below in [Figure 43 – TOD Scheduler with recurring command for Pattern1 and exception command for Pattern 4](#).

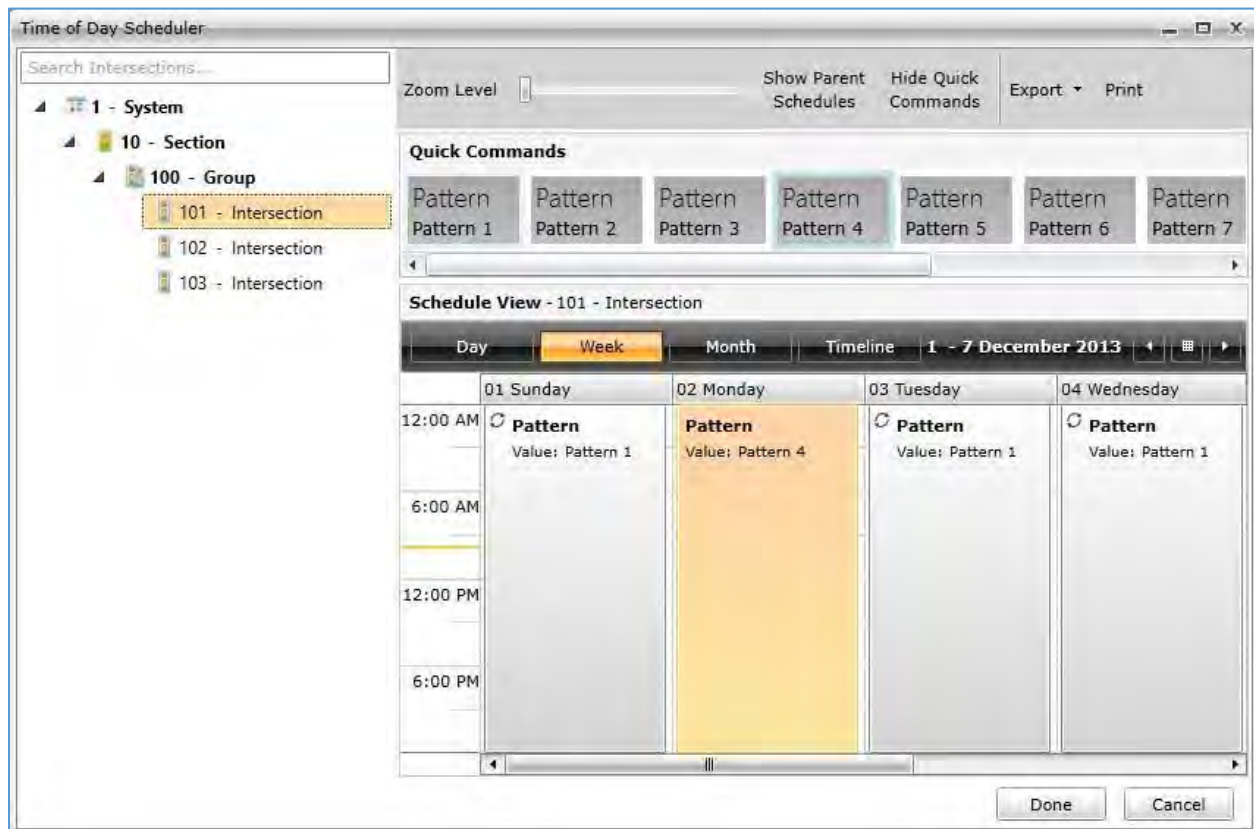


Figure 43 – TOD Scheduler with recurring command for Pattern1 and exception command for Pattern 4

The MaxView TOD Scheduler supports scheduling the following actions:

- Set Pattern
- Set Time
- Special Function
- Preempt Command
- Traffic Responsive
- Stop Time
- ASC3 Action Plan Control

Additionally, MaxView supports scheduling the following actions through other means:

- Intersection Database Upload and Compare
- Time Drift Check/Correction

During system setup and configuration, additional command objects can be added to the list above. In fact, using the MaxView and MaxTime frameworks, ANY NTCIP function in the controller can be added to the list above to set using a TOD, Manual, or Traffic Responsive command.

Scheduling Functions

As described in multiple sections above including the previous section, there is no need for a separate permanent and temporary schedule as they are combined into one easy to use TOD scheduler. In addition, there is no need for a retention policy or “auto clear” since the schedule is based on specific dates or recurring events within a given date range. For example, like Outlook or Google calendars, a user can double click a recurring event but only edit a specific instance (one day) of that recurring event. In this way, special events can be scheduled without affecting the overall recurring event for the same intersection.

Alarm Notification and Email Alerts

MaxView supports a fully configurable alarm notification system that can send alerts via email or text message regarding any supported intersection or system alarm to any user in the system. Alarm notifications can be configured on a global level or the system can be configured per chooses to receive alarms by intersection/group and by TOD (with the ability to select each intersection/group and alarm).

The alarm notification message is automatically sent to a user’s email and mobile email address that is configured within the system. The set of notified users is also logged when each alarm notification is sent.

The priority of each alarm can be set within the system and is reported in the system notification.

Intelight is currently implementing the following notification enhancements for UDOT:

- Delayed alarm/notification triggers based on user configured delays or “number of times alarm occurs”,
- Ability for a user to remotely acknowledge a notification via text message or email.

Furthermore, Intelight provides the ability for users to configure escalation of alarms if an alarm is not acknowledged within a user configured time period.

Screen captures of the Alarm Configuration Menu and the Alarm Notification Menu have been included below in [Figure 44 – MaxView Alarm Configuration Menu](#) and [Figure 45 – MaxView Alarm Notification Configuration Menu](#).

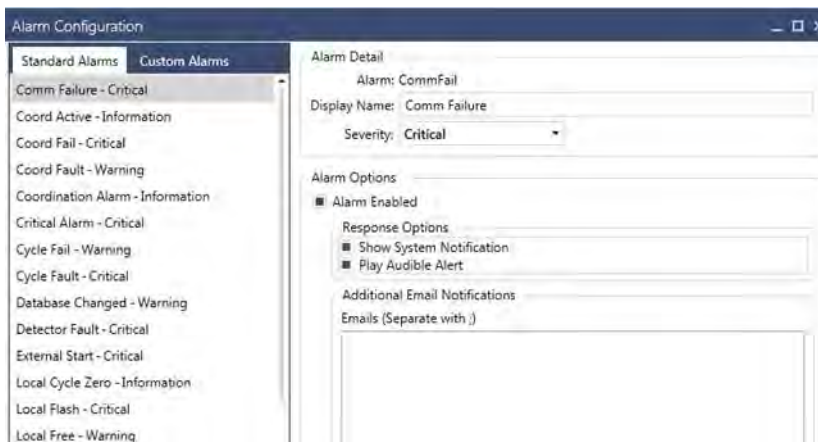


Figure 44 - MaxView Alarm Configuration Menu

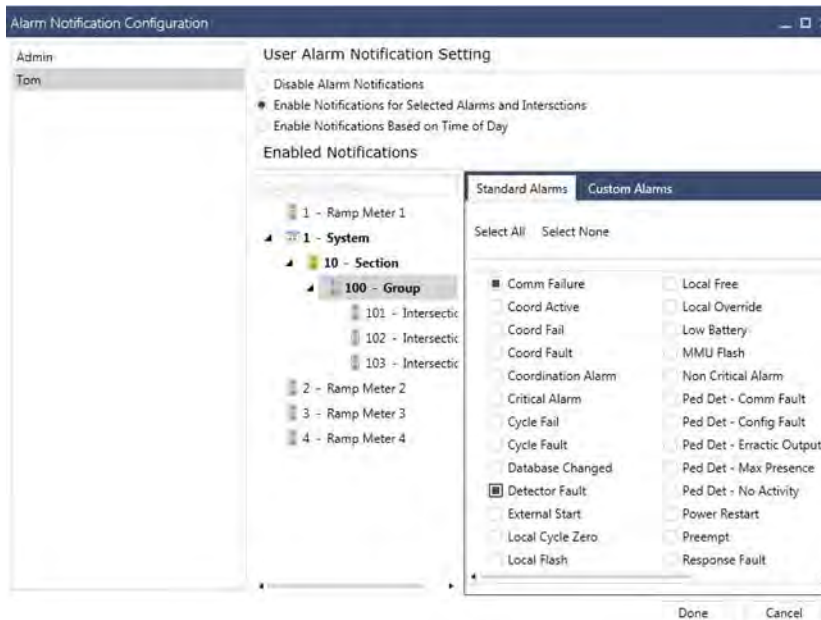


Figure 45 - MaxView Alarm Notification Configuration Menu

Reporting

Operational Reports

MaxView includes a “System Equipment Status” report, which displays the following information:

- Device Name and ID No.
- Group the device belongs to

- Online status
- Active Pattern or operations mode
- Current Coordination/Free Mode status
- Current time-clock offset/drift
- Active Coordination Cycle Length
- Active Actual Cycle Length (if in transition)
- Active Actuated/Natural Cycle Length

Within the report, users can easily sort the list by groups, active pattern, etc. by clicking and dragging the heading into the “Sort” bar at the top of the report. Furthermore, every column includes filters allowing the user to filter the list. For example, the user can filter the list to show all intersections in a specific group that are currently in transition.

The active offset for intersection will be added to the report for no additional fee prior to contract award.

Figure 46 – System Equipment Status Report in MaxView sorted by “Device Group” below shows an example of the System Equipment Status report where the list has been grouped by “Device Group.” *Figure 47 – Fully Populated System Equipment Status Report in MaxView* shows a fully populated report prior to sorting or grouping of headings.

Number	Device Name	Device Group	Online	Pattern	Status	Time	Cycle	Act. Cycle	Free Cycle
▲ 100 - Group									
101	101 - Intersection 101	100 - Group	■	Free	Bad Plan	0 sec	0	-	48
102	102 - Intersection 102	100 - Group	■	Free	Split Overrun	0 sec	0	-	48
103	103 - Intersection 103	100 - Group	■	Pattern 1	Coord Free	0 sec	0	-	60

Figure 46 – System Equipment Status Report in MaxView sorted by “Device Group”

Number	Device Name	Device Group	Online	Pattern	Status	Time	Cycle	Act. Cycle	Free Cycle	Offset	Act. Offset
6524	6524 - 800 S @ Orem Blvd	317 - City-R3-Orem	■	Free	Command Free	-1 sec	0	-	39	0	-
7523	7523 - 7800 S @ SR-85 NB (Mountain View) MASTER	218 - UDOT-R2-West Jordan	■	Free	Command Free	2 secs	0	-	73	0	-
7524	7524 - 7800 S @ SR-85 SB (Mountain View) SLAVE	218 - UDOT-R2-West Jordan	■	Free	Command Free	-3601 secs	0	-	53	0	-
5300	5300 - US-89 / US-91 @ Main St (US-89/US-91/SR-165)	102 - UDOT-R1-Logan	■	Pattern 7	Coord	1 sec	100	100	100	0	0

Figure 47 – Fully Populated System Equipment Status Report in MaxView

MaxView also supports generating pre-canned reports as well as user-defined reports of system status and operation.

The following pre-defined reports can be generated for each intersection:

- Coordination Report
- Actual/Set Splits Report
- Phase Termination Report
- Manual Control Report
- Preempt Report
- TSP Report
- Detector Failure Report
- Power Failure Report
- Time Drift Report

The actual splits report for a selected intersection and time period and can be seen below in [Figure 48 – Actual Split Report View](#).

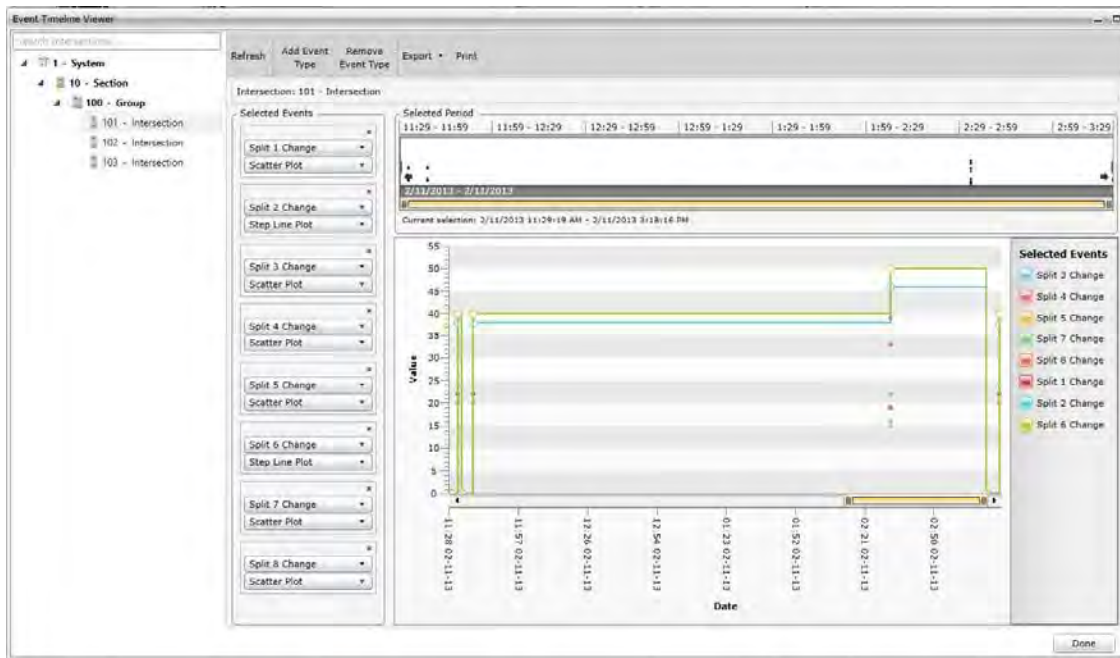


Figure 48 – Actual Split Report View

In addition to the predefined reports above, users can create custom queries of the high-resolution signal data stored in the SQL database. The user can select any combination of data stored per the Purdue standard and filter or query with Boolean logic and date/time thresholds.

Controller Events - Intersection: 102 - Intersection 102

Select '+' to add a new controller event log filter or 'x' remove an applied controller event log filter.

Or

Controller Event Type Is equal to PedDetector On

And

Controller Event Type Is equal to Coord cycle state change

And

Timestamp	Category	Type	Event Value
11/6/2014 12:02:45 PM	Phase Events	Coord cycle state change	3
11/6/2014 11:50:29 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:50:28 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:34:17 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:34:08 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:29:26 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:28:41 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:28:34 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:23:21 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:22:49 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:54 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:48 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:47 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:43 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:43 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:08 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:07 AM	Phase Events	Coord cycle state change	3
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	8
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	6
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	4
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	2

Figure 49 - User Defined MaxView Report Comparing Pedestrian Call and Coordination Transition State (Value 2- Shortway; Value 3 – Longway Transition) below shows an example of a report created to show detector calls vs. transition status.

Controller Events - Intersection: 102 - Intersection 102

Select '+' to add a new controller event log filter or 'x' remove an applied controller event log filter.

Or

Controller Event Type Is equal to PedDetector On

And

Controller Event Type Is equal to Coord cycle state change

And

Timestamp	Category	Type	Event Value
11/6/2014 12:02:45 PM	Phase Events	Coord cycle state change	3
11/6/2014 11:50:29 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:50:28 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:34:17 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:34:08 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:29:26 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:28:41 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:28:34 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:23:21 AM	Phase Events	Coord cycle state change	2
11/6/2014 11:22:49 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:54 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:48 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:47 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:09:43 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:43 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:08 AM	Phase Events	Coord cycle state change	3
11/6/2014 11:06:07 AM	Phase Events	Coord cycle state change	3
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	8
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	6
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	4
11/5/2014 10:20:59 PM	Detector On/Off Events	PedDetector On	2

Figure 49 - User Defined MaxView Report Comparing Pedestrian Call and Coordination Transition State (Value 2- Shortway; Value 3 – Longway Transition)

Each report can be print directly from MaxView or exported to Word, Excel or PDF.

Real-Time Split Monitor

MaxView supports a real-time split monitor that is driven from the 1/10th of second event data logged by the signal monitoring components. Therefore, split data is available for review within one cycle of timing in the street and the retention policy for storing historical data only depends on the server's storage capacity.

The Split Monitor supports showing a split report for the last cycle, the last X cycles, or over a given time period. The previous cycle's data is available as soon as the cycle has ended. The split monitor works when an intersection is running in both coordinated and free operation.

The Split Monitor can be seen below in *Figure 50 – MaxView split monitor showing last 5 cycles.*

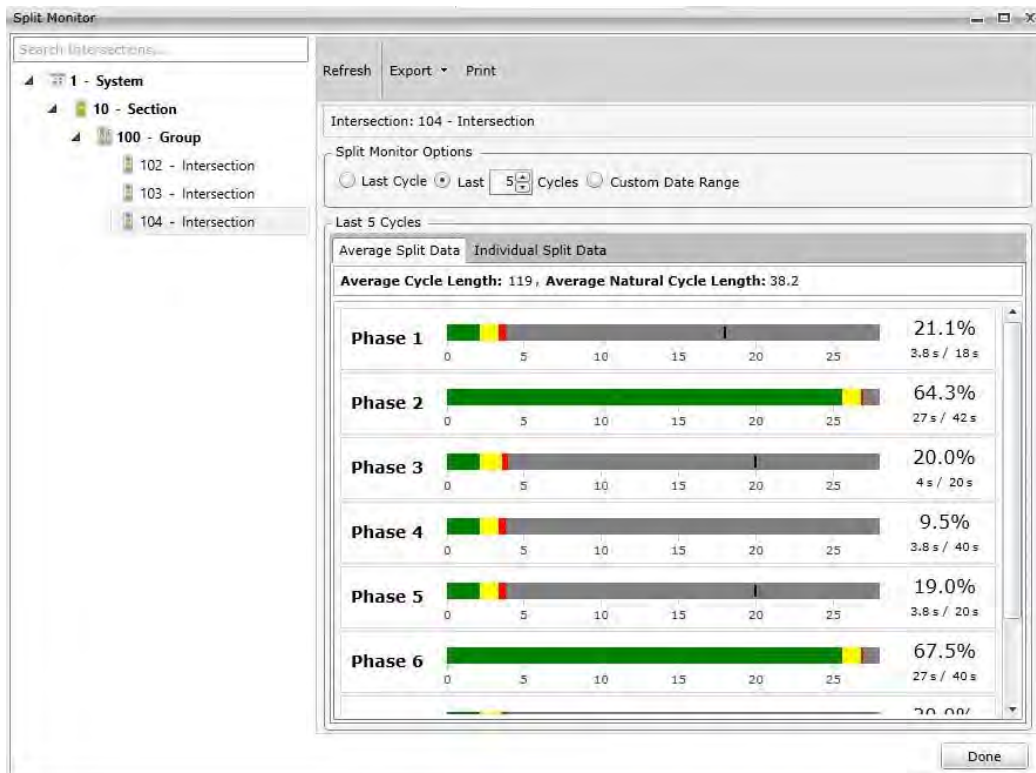


Figure 50 – MaxView split monitor showing last 5 cycles.

As shown, from the split monitor users can view real-time (last cycle) split utilization (in seconds and percent) and the reason for phase termination. The Cycle Length is also shown. For intersections running in free, the split monitor reports the utilization of the Phase's Maximum Green time as well as the signals Average Cycle Length and the Natural Cycle Length of the Cycle being reviewed.

For post data analysis, users can specify a time/date window to show the average split utilization of an intersection. To identify outlying data or review detailed information the user can view each cycle's split data (under the "Individual Split Data" tab) that is being averaged.

The Split Monitor can be printed or easily exported to Word, Excel or PDF.

As previously discussed, the main map shows dynamic real-time reporting of communications and coordination status, active preempts and main street greens.

Real-Time Time Space Diagram

MaxView supports a real-time TSD that utilizes the real-time event data captured by the signal monitoring process. The TSD supports displaying both the actual and set split times and works in both free and coordinated operation. The TSD showing the actual running splits can be seen below in [Figure 51 – TSD showing 3 intersections](#).

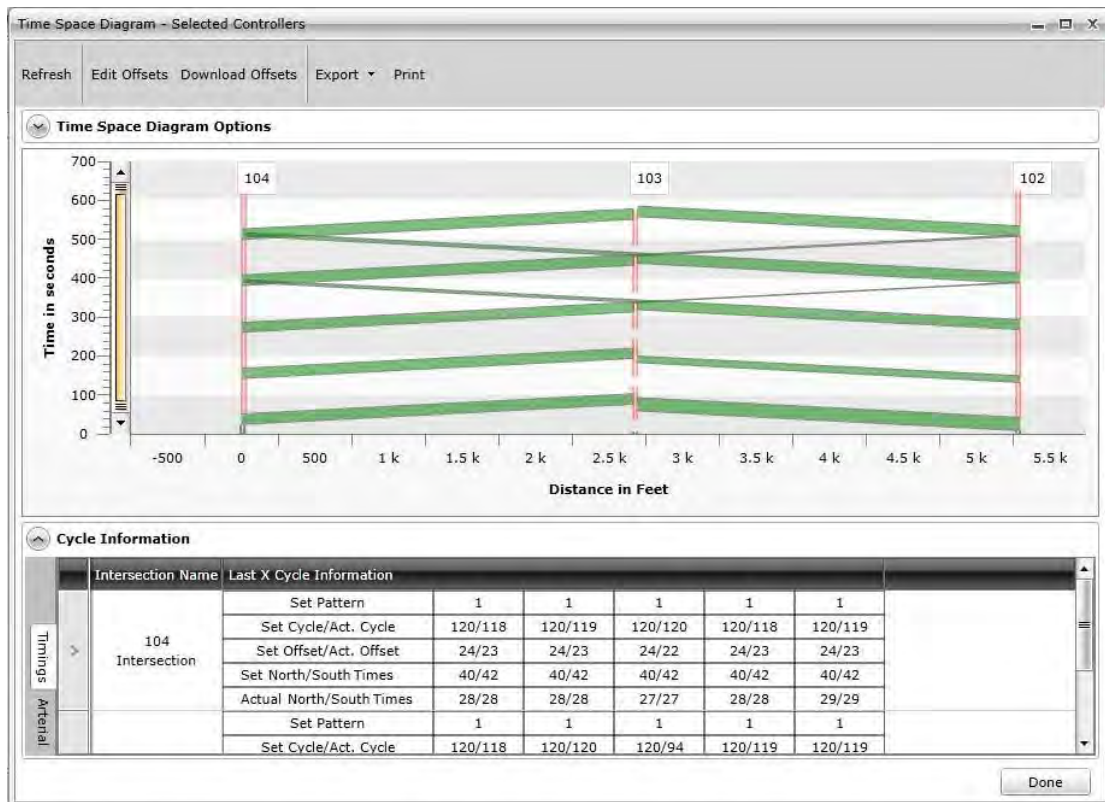


Figure 51 – TSD showing 3 intersections

Within the TSD the programmed offsets can be changed with the TSD diagram updated in real time.

With one click the changed offset values can be downloaded to the set of selected controllers.

The TSD is supported for any set of intersections within the system, even from different groups as the intersection distance is calculated automatically from the intersection lat/long position.

As previously mentioned, Intelight is currently under contract to add user configurable/saved time space diagram routes. Within this new feature, the user can draw straight and curved links, specify link speeds between intersections, and modify the coordinated phases for each intersection specific to each new route created. This will allow the user to monitor time/space diagrams for complex routes (instead of only

straight arterials) and quickly change between similar routes with different origin/destinations.

Intersection Measures of Effectiveness

As previously described, MaxView includes reporting and query mechanisms for the user to generate, export and print reports showing split utilization and phase terminations, cycle statistics such as transition times/number of times, pedestrian call counts, preempt request, priority request, etc. IN addition, the user can load pre-canned reports to see detector call activity, turning movement counts (via MaxTime local software OR MaxView system detectors), etc.

Per the open source agreement provided by the Utah Department of Transportation, Intelight can install and assist in maintaining UDOT's signal performance metric website and framework for our customers. In addition, we are in the process of updating our Central Software and Local Firmware to fully implement the MOE graphs created using Purdue high-resolution event data and specified by Indiana and Utah DOT's. Intelight has included Purdue University on our team to assist us in providing training on high-resolution event MOE analysis tools included integral to the Intelight Central System.

MaxView supports collecting and storing MOE signal monitoring data for all intersections within the system at all times. Intelight's central polls at minimum once per cycle rate, exceeding Indiana spec requirements of every six minutes. The retention period of each class of data can then be set to decide how long each event should be retained within the system.

All MOE data described in the requirements statement is either directly provided or calculated from the MOE events collected. The functionality is included in MaxView versions for no additional charge or licensing fee.

Intelight's MaxTime local controller software (for NEMA or ATC/2070 controllers) includes the high-resolution data logger functionality at no additional fee or charge. Intelight's MaxTime "Event

Recorder" meets and exceeds the Indiana DOT Specification for Traffic Signal High Resolution Data

Logger. The data is logged in both .CSV and .XML formats for greater flexibility and can be stored locally on the machine, or logged to a USB flash drive (plugged into the controller's USB hub) for remote locations where more than 24 hours of data needs to be logged.

Using the data, Intelight's new MaxTime Web Use Interface (to be released winter 2015) will include MOE Graphs and logs that are displayed in the controller's web-UI and on Intelight's X2 Android color touch screen Controller. Intelight logs additional controller information using the same standard protocols with 300-range enumerations including Intelight (Manufacturer Specific) NTCIP objects such as all phase intervals, overlap

intervals, etc. Other future plans include using the MaxTime windows emulator to “re-play” live or step through the event logger file for assistance in testing, troubleshooting, and reviewing advanced timing configurations or software issues.

Communication Status and Monitoring

MaxView supports several real-time status views and reports that provide the current status of the entire system.

To start, the MaxView main map itself supports several status views that provide a glance-able status view of the entire system as discussed previously.

MaxView includes a standard report for users to generate and print/export a real-time and historical device communications status. The report shows all devices integrated into the system and reports the following for each device:

- Device ID and number,
- Group that the device is configured in,
- If the device is currently online or communication has failed,
- Average response time of the device,
- Average communications loss (in percent),
- The number of attempts (*Total Reqs.*), number of successful attempts (*Total Succ.*) and number of failed attempts (*Total Fail*) is detailed for each intersection over the selected time period. Within the report, users can easily sort the list by groups or other heading by clicking and dragging the heading into the “Sort” bar at the top of the report. Furthermore, every column includes filters allowing the user to filter the list. For example, the user can filter the list to show only devices that are failed, devices that are in a specific region/section, or devices that have an average communications loss greater than 80%.

Users can also modify the start and end dates of the report. For example, to triage and prioritize work a technician can open the report, change the report start and end dates to include the complete, previous month. Then filter the list for devices that lost communications more than 20% on average and are in the region he/she is responsible for maintaining.

Figure 52 - System Device Communications Report below shows a screen capture of MaxView’s “Device Communications Report.”

System Equipment Communication Status									
Refresh Export Print									
Report Time Range									
Report Start Time: 5/6/2015 9:22 AM Report End Time: Use Current Date/Time									
Equipment Communication Status									
Drag a column header and drop it here to group by that column									
Number	Device Name	Device Group	Online	Avg. Resp.(ms)	% Loss	Total Succ.	Total Fail	Total Reqs.	
8302	8302 - Center St @ Main St (US-191)	422 - UDOT-R4-Moab	■	2811	■	58	0	58	
8304	8304 - 300 S @ Main St (US-191)	422 - UDOT-R4-Moab	■	2702	■	38	0	38	
8306	8306 - Main St (US-191) @ 400 E/Jackson St	422 - UDOT-R4-Moab	■	2677	■	0	0	0	
7524	7524 - 7800 S @ SR-85 SB (Mountain View) SLAVE	218 - UDOT-R2-West Jordan	■	399	■	179	0	179	
5340	5340 - 1100 S (US-91) @ 775 W / Medical Dr	108 - UDOT-R1-Brigham City	■	227	■	0	0	0	
6659	6659 - Grandview Lane @ Columbia Lane	319 - City-R3-Provo	■	212	■	243	0	243	
6456	6456 - Center St (SR-114) @ 900 W	318 - UDOT-R3-Provo City	■	170	■	291	0	291	
5807	5807 - 700 N @ 800 E	103 - City-R1-Logan	■	169	■	251	0	251	
6415	6415 - 1230 N (Bulldog) @ University Ave (US-189)	318 - UDOT-R3-Provo City	■	168	■	0	0	0	
6506	6506 - 1200 N @ 800 E	317 - City-R3-Orem	■	167	■	0	0	0	
6630	6630 - 2200 N @ Timpview Dr	319 - City-R3-Provo	■	153	■	0	0	0	
5806	5806 - 1000 N @ 800 E	103 - City-R1-Logan	■	128	■	240	0	240	
7519	7519 - Old Bingham Hwy @ SR-85 NB (Mountain View) MASTER	218 - UDOT-R2-West Jordan	■	91	■	0	0	0	
5804	5804 - 1400 N @ 800 E	103 - City-R1-Logan	■	76	■	147	0	147	
5802	5802 - 1400 N @ 400 E	103 - City-R1-Logan	■	71	■	0	0	0	
5801	5801 - 1400 N @ 200 E	103 - City-R1-Logan	■	59	■	155	0	155	
5311	5311 - 1400 N @ Main St (US-91)	102 - UDOT-R1-Logan	■	57	■	0	0	0	
5303	5303 - Center St @ Main St (US-89 / US-91)	102 - UDOT-R1-Logan	■	56	■	0	0	0	
8305	8305 - Kane Creek @ Main St (US-191)	422 - UDOT-R4-Moab	■	56	■	279	0	279	
5304	5304 - 100 N @ Main St (US-89 / US-91)	102 - UDOT-R1-Logan	■	55	■	0	0	0	
5312	5312 - 400 N (US-89) @ 100 E	102 - UDOT-R1-Logan	■	55	■	0	0	0	
5313	5313 - 400 N (US-89) @ 200 E	102 - UDOT-R1-Logan	■	55	■	0	0	0	
5307	5307 - 500 N @ Main St (US-91)	102 - UDOT-R1-Logan	■	54	■	0	0	0	

Figure 52 - System Device Communications Report

All communication failures are logged to the system database as a comm. alarm when communication is marked as failed.

Intelight MaxTime Controller Firmware

Using the Linux platform, Intelight's award winning MaxTime local controller software was built directly from the current NTCIP, NEMA, MUTCD, and FHWA (including NTCIP v2.06 and ATC v6.1) standards as opposed to adapting older software to the newer standards. In addition to establishing the most complete NTCIP compliant Linux based platform in the industry, MaxTime has been intuitively designed with logical menu structures and providing built in user functions that typically require complex logic strings or modified controller operations. A screen capture of the Web based user interface is shown below in *Figure 53 – Sample MaxTime Status Display as Viewed from Front Panel, Tablet or Smart-Phone (No App Required)*.

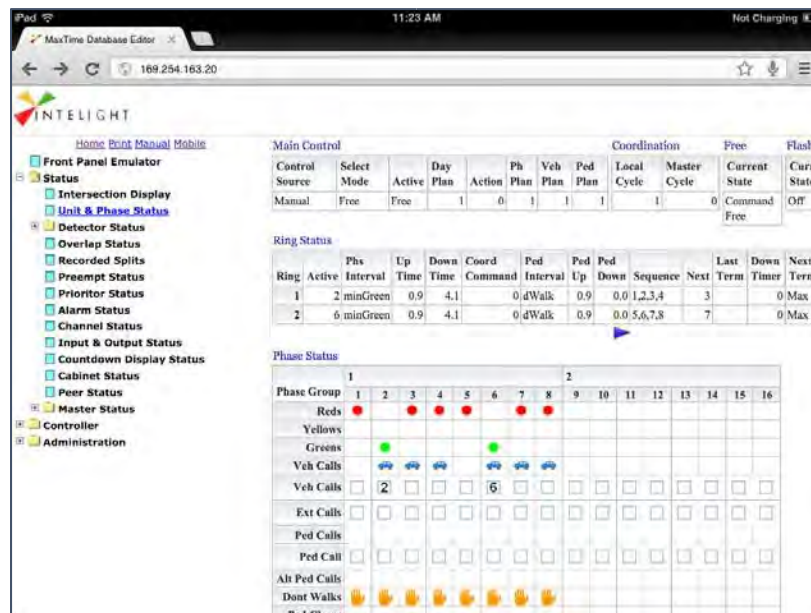


Figure 53 – Sample MaxTime Status Display as Viewed from Front Panel, Tablet or Smart-Phone (No App Required)

MaxTime includes (but is not limited to) the following unique functionality:

- Onboard web server - Monitor and configure timings wirelessly from a laptop, tablet, or smartphone without database editor or 3rd party software
- Runs Exclusively on Linux O/S
- Supports Serial and/or Ethernet Communications
- 40 Phases, 16 Rings, 20 Sequences, 32 Overlaps
- 32 Phase Tables, 10 Detector Tables, 10 Overlap Tables (Select by TOD)
- Built-In Master/Closed Loop Functionality (Included)
- Peer-to-Peer communications (Included)
- Transit Prioritor (Included)

- Full NTCIP MIB Supplied
- Preconfigured or User Defined Cabinet Support (GDOT 332, GDOT 336, GDOT 337, Caltrans 332, 336, TS-1, TS-2, ITS)
- Intuitive and advanced user logic programming
- Monitor and modify timings from Windows and Apple computers, IPAD, Tablets, Smart Phone without special software
- Store and switch between hundreds of timing databases on controller
- Easy, automated software updates via Network or USB flash drive (no need for terminal servers or proprietary installer programs)

Advanced Logic Processor

Intelight's MaxTime local controller software has an advanced logic processor ("User Programs") capable of providing standard industry logic such as detector and phase interval relationships using Boolean logic. However, MaxTime's logic processor also adds the ability to perform mathematical calculations and comparisons (" $<$ ", " $>$ ", " $<=$ ", " $=$ ", etc.) based on variables, phase interval timers, print custom user status screens, and much more.

The processor has an intuitive drop-down menu structure making it easy for a user to perform simple statements or complex programs. The processor includes all input/output functions, phase/overlap intervals, coordination intervals, pre-emption status and intervals, phase ring timers, etc. (i.e. Call Vehicle Detector 2 when Phase 2 Green $>$ 30 Seconds). Global variables (virtual pins) can be set to true/false or store numerical values. These variables can also be output to the cabinet output file to override standard output pin functions. Furthermore, MaxTime's Peer-to-Peer functionality is embedded in the logic processor to simplify Peer-to-Peer configuration and reduces the need for state phases and additional vehicle detectors to call conditional operations. *Figure 54 – Sample: Custom Front Panel Status Screen Configured in User Logic* below shows a screen capture of the user programs status screen. Custom, conditional status messages can be displayed on this screen from the user program for easier troubleshooting and monitoring of special operations.

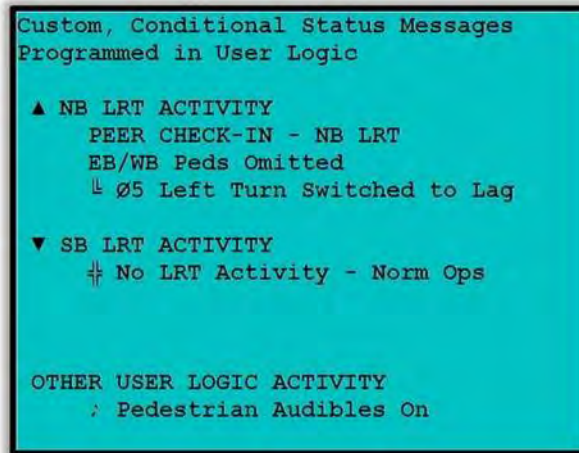


Figure 54 – Sample: Custom Front Panel Status Screen Configured in User Logic

A basic “Loop-Back Functions” table is also included in MaxTime for basic TS-1 style “If Source True → Result is True” logic.

Reassignable Inputs and Outputs

MaxTime has an extremely flexible Input/Output (I/O) configuration that is available from the front panel or Web UI. There is no need for additional software. However, for the basic user, base I/O configurations are provided for many types of cabinets including TS-1 and TS-2 (Type 1 and 2). Once a basic configuration is loaded, the user can modify individual input and output pins. Each pin has a pulldown menu that contains all the standard NTCIP objects available in the controller. [Figure 55 – User Customizable I/O Functions on Individual I/O Pins](#) shows an example of configuring custom outputs.

Input Point	Description	Input Control Type	Index
1 A-f		vehicleDetectorCall	1
2 A-K		notActive	2
3 B-N		vehicleDetectorCall	3
4 B-L		vehicleDetectorReset	4
5 C-P		reservedA	5
6 C-S		reservedB	6
7 C-V		pedDetectorCall	7
8 C-t		phasePedOmit	8
9 A-g		preemptInput	1
10 A-L		specialFunctionInput	2
11 B-P		prioritorInput	3
12 B-M		phasePhaseOmit	4
13 C-R		phaseHold	5
14 C-T		phaseForceOff	6
15 C-U		manualControlGroupAction	7
16 C-W		reservedE	8
17 A-h		reservedF	1
18 A-M		reservedG	2

Figure 55 – User Customizable I/O Functions on Individual I/O Pins

Furthermore, MaxTime has an advanced I/O status screen. The user can monitor the status of every individual input or output pin and in addition, can place manual calls/actuations on each pin. This feature is very useful when testing or troubleshooting database programming or I/O configurations. An example of the input status screen is shown in *Figure 56 – Placing Manual Calls on Input Pins in MaxTime*.

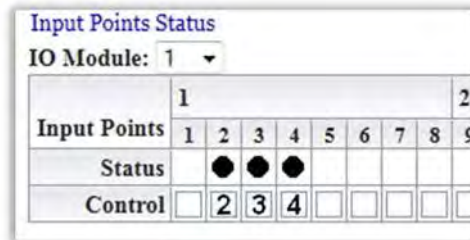


Figure 56 – Placing Manual Calls on Input Pins in MaxTime

Although the user cannot directly load different input/output tables by TOD, MaxTime offers several flexible solutions to changing specific inputs and outputs by TOD. One method is to use User Logic to set global variables by TOD. Multiple functions can turn the global variable on/off and linked to the active pattern status. Then, the output function/pin can be changed from the default output function and driven directly by the global variable. In addition, special/aux functions can be linked to input and output functions and enabled/disabled in the TOD scheduler. Last, MaxTime includes 32 phase time/options tables, 10 detector plans, and 10 overlap plans that are selectable by TOD. This allows the user to completely change the phase, detector, and overlap configurations depending on the desired operation. For example, using two different overlap plans by TOD allows the user to easily change between protected only, permissive only, or protected/permissive left-turn operation.

In turn, external commands via remote NTCIP (from the system), from a physical input, or via peer-to-peer communications between controllers can trigger/switch function and modify operations.

When the controller is changing between sequences, pattern, or any of the tables mentioned above (overlaps, detectors, etc.) via manual control, TOD, or remote system commands, MaxTime ensures the current sequence adequately serves all conflicting calls and then at the end of the sequence, changes all new plans and operations mode at the same instant during the normal programmed all red interval. For example, this safety mechanism ensures that a new overlap plan does not take affect before the associated sequence or phase split time table is implemented.

IP Addressing

MaxTime supports two subnets per the ATC standard. Changing the controller Ethernet configuration applies the changes instantly and does not require a controller restart or

putting the controller into a flash state. The following Ethernet settings can be configured for two separate Ethernet adapters in MaxTime:

- IP Address
- Subnet Mask
- Gateway
- ARP Request
- DHCP

Firmware Updates

All software upgrades, including maintenance and functionality upgrades will be provided to the State at no cost during the initial and extended warranty periods (Bug fixes are free for the life of the product). The agencies will be automatically notified when a new software release is available via email. The notice will include a description of the changes to the latest version and will provide a download web-site link (user account required) for the agency to obtain the software and release notes.

To update the controller's software over Ethernet from a Windows computer the user double clicks the "Install.bat" file in the install package. No additional software is necessary. The user then confirms several installation options in the command prompt:

1. "Use Live Update" – allows the controller to update the software without power cycling the controller and switch the software during a five second all red period at the end of the sequence.
2. (If "No" is selected a re-boot/power cycle of the controller will be needed to complete the update.
3. "Select Default Database Set" – User can select from a range of default databases (shipped from Intelight) or select to load their own database templates into the read only database folder on the controller.
4. "Remove Inactive Versions" – Allows the user to delete all previous software versions (except for the active version) stored on the controller prior to loading update.

Figure 57 - Controller Software Update Options during Ethernet Installation shows the software installation options above in a command prompt.

```
This script installs MaxTime version 1.9Demo#948 on a Linux controller.
Set Controller Hostname or IP Address
IP/hostname:192.168.1.4
Use Live Update (Keep current version running)
1.YES 2.NO 1
Select Default Database Set
1.MEMA 2.CALTRANS 3.ALL 4.USER ONLY
```

Figure 57 - Controller Software Update Options during Ethernet Installation

If the user chooses to update the software without restarting the controller, they have the option to update the software during the next safe all red interval at the end of the sequence or the update can be scheduled for a later time. All options are configured via NTCIP protocol as manufacturer specific objects. Therefore, the parameters can be integrated into a remote software update utility that allows users to mass deploy new releases and schedule updates in the middle of the night or early morning. Furthermore, during the software package download and installation, the intersection continues to run in normal operation. When the update is ready to safely switch, MaxTime serves the remaining conflicting calls in the sequence in normal operations mode and then updates the software at the end of the sequence. When the latest version is running, the previous database parameters are preserved and the controller begins operation per the programmed TOD or configured parameters. For example, if the controller is in coordination prior to the software update, it will immediately return to coordination and immediately begin transition (if necessary) to make up the time lost during the extended all red interval.

Figure 58 – MaxTime Application Management Menu below shows the database update utility menu in the MaxTime local software configured to install a previous MaxTime build (#943) as a live update at 2am on May 7th without requiring a controller restart.

Application Update

Application Update Status	No Action					
Installed Application	MaxTime 1.9Demo#948					
Target Application						
Application Update Control	Update at Scheduled Time ▼					
Current Controller Time	Wednesday May 6 2015 10:25:52					
Scheduled Update Time	Thursday January 1 1970 00:00:00					
Set Scheduled Update Time	May	▼ 7	▼ 2015	▼ 2	▼ 5	▼ 0

Set Upgrade Application

Installed Applications

MaxTime 1.9Demo#943

Information:
First select the application version to upgrade, then use the 'Application Update Control' to control when the upgrade will begin.

Figure 58 - MaxTime Application Management Menu

MaxTime can also be updated directly from a USB flash drive however the update currently requires rebooting/power cycling the controller. To perform a USB update, the user extracts the installation package (.zip) into the root direct of a flash drive. Then, the flash drive is inserted into the controller's USB HUB and the controller is power cycled. On reboot, the installer is automatically detected and begins the update process.

MaxTime is installed automatically within approximately four minutes of starting the procedure.

MaxTime also stores two previous versions of MaxTime software on the controller so the user can “rollback” the controller to a previous version of MaxTime after an update.

Peer-To-Peer Support

Intelight has developed a robust Peer-to-Peer system based on standard communications industry protocols that can transmit messages directly between Intelight controllers over an Ethernet network. MaxTime's Peer-to-Peer functionality is integrated into the advanced user programs (user logic). Any input/output function can be sent over the peer network to any other controller on the same Ethernet network (Routing required between different sub-nets). *Figure 59 – Example of Peer-to-Peer Programming in User Programs Menu (Web UI)* below shows the current function states that can be sent over the Peer-to-Peer network between controllers. Each function has an index to assign the associated phase/detector/interval number. For example, the function and index combination “Phase Yellow 2” returns true when phase 2 is yellow. For Preempt Intervals, the index specifies which interval to monitor: 1. Entry; 2. Track 1; 3. Track 2; 4. Dwell; 5. Dwell Cycle; etc.

The MaxTime Peer-to-Peer features a robust TCP/IP protocol with configurable timeouts and user customizable fail-safe behaviors (for example, if com fail: shift to different Peer function or place calls on vehicle detector 7 when phase 4 is green, etc.). The protocol handles connection loss without losing the message history. This is accomplished by time-stamping each message. The receiving controller will first verify that the message is “recent and valid.” If the message is old, it will request the status of the message again. The sending controller will wait for confirmation to ensure the sent message was received.

Statement/Result Value	Result	Index	Operation	Parameter A	Index	Parameter B	Index	Delay	Extension	Description	
1	0	Global Variable	101	Result=(A AND B)	Check In/Output	2	Ring Next Phase	1	0.0	0.0	
2	0	Global Variable	200	Result=A Peer B	Check Out/Output	2	Number	2100	5.0	0.0	2100 NB LRT Check-Out
3	0	Prioritor Check In	2	Result=Latch(A, B)	Global Variable	200	Global Variable	101	0.0	0.0	Prioritor Latch
4	0	None	0	None	None	0	None	0	0.0	0.0	
5	0	None	0	Run Program A if B	Number	4	Check In/Output	2	0.0	0.0	Run sub-prog4 (Pad Omit)
6	0	None	0	None	None	0	None	0	0.0	0.0	
7	0	None	0	None	None	0	None	0	0.0	0.0	

Figure 59 – Example of Peer-to-Peer Programming in User Programs Menu (Web UI)

MaxTime’s Peer-to-Peer framework can also be used to send other process data. For example, packets containing a ranked analysis of the signals preferred cycle length and offset optimization can be sent to another controller for adaptive system decision making without a central system on on-street master/computer.

Special Event and Holiday Scheduling

MaxTime was built from and not adapted to the NTCIP standard. Therefore, our Time of Day Scheduling interface is easy to navigate and has a straightforward configuration. Each of the 100 schedules can be programmed to operate during specific months of the year, days of the month, and days of the week. For example, Christmas Day would be programmed by selecting only the month of December, the 25th day of the month, and then selecting all the days of the week (Sunday-Saturday). One of 20 day plans are then assigned to each schedule. Each day plan contains 64 time-of-day changes. The user can configure up to 128 actions where each action calls one of the 128 coordination patterns. In addition to calling a pattern, each action can also call auxiliary or special functions.

Vehicle Detector Diagnostics

MaxTime local software can be configured to perform the following detector diagnostics per detector and by Time of Day:

- No Activity (0-255 min)
- Max Presence (0-255 min)
- Erratic Counts (0-255 counts per min)

When a detector failure occurs, the controller software logs the failure and sets the NTCIP Detector alarm for the specific failure type and associated detector number. The failed detector will switch to one of the following user-defined failure modes:

- Disable the detector (no call/recall),
- Recall the assigned call phase to an alternate Min Green time,
- Max-recall the call phase,
- Failed Recall (Select from Min Green, Min 2, Max 1, Max 2, Max 3 in active phase plan),
- Failed Link – link failed detector parameters to another detector input.

Figure 60 - MaxTime Detector Diagnostics and Fail Mode Settings below shows a cropped screen capture of the detector diagnostics menu in MaxTime. The detector number and operation parameter (call/switch/extension/etc.) columns have been cropped so the image fits the page width.

No Activity	Max Presence	Erratic Count	Fail Time	Failed Recall	Failed Link	Description
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	
0	0	0	0	None ▼	0	

Figure 60 - MaxTime Detector Diagnostics and Fail Mode Settings

All detector operations will return to normal once the detector alarm has cleared. In addition, the start and reset of all detector alarms are logged in the controller event log with time stamps and the specific detector and type of alarm failed.

Each of the 10 detector plans can be configured with different detector diagnostic values and called by TOD. In addition, as shown in *Figure 61 - Global Vehicle Detector Parameters* below global detector diagnostics and failure mode can be configured.

Global Vehicle Detector Parameters			
Global No Activity	Global Max Presence	Global Erratic Count	Global Failed Recall
500	500	1000	Min Recall 2 ▼
Apply			

Figure 61 - Global Vehicle Detector Parameters

Configuration Validation

MaxTime local controller software has an integrated error-checking module that acts as a central database/configuration monitor. The module is a state-machine that operates independent of the controller logic and will force the controller to flash or not allow the controller to power up out of flash if a critical error is detected. Configuration issues are classified as an “Error”, “Warning”, or “Info”. All errors detected are stored and displayed in a single status screen as shown in the example below in [Figure 62 – MaxTime Configuration Validation \(Error Checking State Machine\) Status Screen](#).

Configuration Validation		
Row	Severity	Description
1	Error	No start up phases configured.
2	Error	No dwell phases or dwell cycle phases configured for enabled Preempt 1
3	Error	Pattern 1's cycle time is not equal to the sum of it's splits.
4		
5		

Figure 62 – MaxTime Configuration Validation (Error Checking State Machine) Status Screen

The Configuration Validation module includes (but is not limited to) checking the following:

- Splits sum to cycle length,
- Splits equal in barrier groups,
- Coordinated phases and reference points correctly defined,
- Critical preempt settings correct,
- Valid sequence is programmed.

Split Diagnostics

MaxTime also performs split validation checks. The example in [Figure 63 – MaxTime split error resulting from a programmed split that is less than the sum of the minimum phase times](#) shows a MaxTime error resulting from a programmed split that is less than the phases’ minimum phase times.

Time 1 1, error: Split value (5) is smaller than required minimums: Min Green (2) + Yellow (3.0) + Red Clearance(2.0)

Figure 63 – MaxTime split error resulting from a programmed split that is less than the sum of the minimum phase times

Range Checking

MaxTime performs range checking on all configuration parameters. The utility automatically checks NTCIP and common practice/allowable ranges and prohibits applying or downloading invalid configurations. The utility works in conjunction with advanced phase options. For example, if the “Disable Min Yellow” phase option is checked, MaxTime will allow yellow times less than three seconds for the associated phase. The screen capture in *Figure 64 – MaxView error resulting from applying/downloading yellow time of less than 3.0 seconds* shows an example of a range check error in the MaxView database editor.

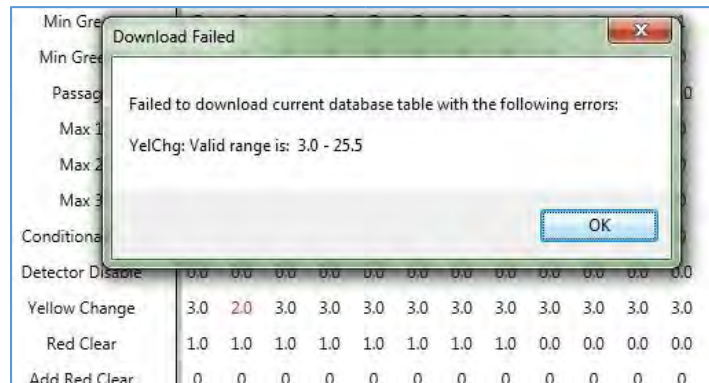


Figure 64 – MaxView error resulting from applying/downloading yellow time of less than 3.0 seconds

Event and Alarm Logging

In addition to the logging high-resolution event data MaxTime also logs critical events that can be reviewed for troubleshooting and operations analysis. The following list is a sample of events logged in the controller event log:

- Power Up/Off
- External Start
- Manual Control
- Cabinet Door
- MMU Log
 - Reported Fault
 - MMU Alarms
 - Channel Status from Monitor
- Actions and Events
- Detector Failures
- Free/Coord Operation
- Start/End Transition
- Change of Pattern
- Phases Skipped
- Coord Failure

- Preempt Input
- Preempt Gate Down
- Start/End of Preempt
- Transit Priority Request
- TSP Service
- TSP Termination and Type
- Traffic Responsive Commands

Currently MaxTime stores up to 500 logs. Once the limit is reached, the oldest logs will be deleted as new logs are added.

Coordination Timing

MaxTime features many advanced options for coordination and phase operation to further tune an intersection beyond options available via NTCIP and industry standard software. The options allow the user to customize when coordinated phases yield, where extra green time is pushed, etc. by using different combinations of the options, i.e. Coordination modes do not imply late yield, walk rest, fixed/floating force-offs, etc. All options are independent and can be used in different combinations. Below is an overview (not inclusive) of major/unique coordination options:

Coordination Modes (Selectable by TOD)

The MaxTime coordinator has three different permissive modes that can be configured by time of day (per pattern). Each mode controls how the coordinated phases yield and when the actuated phase permissive windows open and close throughout the cycle. Following is a brief overview of each mode: Auto Permissive:

- Coord phases can dwell green beyond force-off and open permissive windows for each actuated phase service Permissive window for next set of phases to serve will open once the current potential service phase can no longer serve its minimum green time (allows for late service until the minimum phase times can no longer be served without ending late)
 - Once the coord phase yields, all additional phases will be first come first serve (following seq. and requiring current serving phase to gap, max, or force off)
 - Early green returns to the coord phases or fixed force-off phases (if extended)
- Single Permissive:
- One permissive window at yield point
 - Permissive window calculated automatically: Cycle time – (Coord phase split + sum phase mins)
 - Only allows for 1 window to “look” for phases to be served Fixed Permissive (no early greens)
 - Nobody can start early

- Coord phases extend beyond yield point until demand phase reaches its permissive window (programmed start time on master cycle)
- Once coord phase yields, next served phase “dwells” green (beyond ext. if necessary) until the programmed start time of the next phase with demand. (Coordinator implies a hold on any phase serviced, but does not automatically recall phase)
- If no demand, will dwell all the way until start of coord phase
- Actuated Coord (Controller runs in free mode outside of coordinated phase service windows):
- Protects the coordinated phase service window(s)
- Allows for free operation of all phases in the sequence outside of the coordinated phase window
- “Stacks” minimum phase times for remaining phases in sequence at end of cycle to ensure that no-one is skipped and that coordinated phases still start on time

Advanced Coordination Options

Fixed/Floating Force-off Control

- MaxTime allows the user to specify *fixed or floating force-off* by Unit, Pattern (TOD), or *by phase*.
- Fixed / Floating force-offs by phase allows the user to specify the phases to use extra green time and the phases that cannot time longer than their programmed split time.
- For example, all left-turn phases are configured as “Floating Force-off” and all through phases as “Fixed”. If a left-turn phase starts early, it must end early (max out or force-off after split time is served). If a through phase starts early, it may extend all the way to its fixed force-off point, using all the early green time.
- Greatly reduces the need for using multiple phase tables with alternate Max Green times during coordination.
- Allow Split Underrun/Overrun
- Per Pattern advanced option flag, which allows user to disable the “Configuration Validation”, split sum checks that prevents coordinator from running when issues are detected.
- Allows users to “trick” or “override” coordinator and allow for unbalanced rings or barrier groups
- (splits do not add up to cycle length or are unequal between barrier groups).

Allow No Coord Phase

- Per Pattern advanced option flag, which allows user to disable the “Configuration Validation” coord phase checks that prevents coordinator from running when issues are detected.
- Allows user to run in coordination without a coordinated phase. Fixed/floating force-off points and reference points are still honored in cycle but does not require a coord phase with phase holds and recalls.

Early Coord Yield

- Allows coordinated phases to gap out early and yield early to side street
- User defined “early yield” window (protected by minimum “slack” available in cycle)

Pedestrian Features

- Standard NTCIP Actuated Walk Rest Operation
- Can be modified with Ped Recycle or “Force Coord Ped Yield” option.
 - Ped Recycle: Allows for late ped service (if walk + flash don’t walk times are less than the remaining phase time allowed) and allows for ped to re-service if remaining service time allows
- Force Coord Ped Yield: Forces a ped in walk rest to fully terminate in time for the coord phase to yield on-time when there are no conflicting calls. If used in conjunction with Ped Recycle, the ped will serve again if the coord phases do not yield (no conflicting calls)
- Flash don’t walk through yellow, red, pre-clearance (if using Advanced Warning Flashers) or Overlap trailing green times.

Calculation Methods:

- Checks coordination state (am I late?) every 1/10th of a second.
- Calculation referenced directly to Time of Day clock (0:00 to 24:00) for instant/absolute calculation of programmed vs. actual offset. Master and local timers are provided for status/feedback.
- Uses “Critical Path” method across 40 phases, 16 rings and 24 barriers (any combination) to determine how long or how short it can adjust the cycle for transition
- Only reduces or adds time needed to return to coordination. Does not blindly reduce or maximize.
- If the coordinator determines a phase has ended late, it will begin transition IMMEDIATELY following the phase yellow/red clearance. The controller does not require a cycle or more to determine where the current offset is.

- If available transition time allows: can be back in step within one to two phase movements.
- ALL phase and overlap intervals (pre-clearance green, early green, delayed walk, trail green/yellow/red, etc.) are included in both Coord and Transition calculations. User Options:
- Correction Modes: Short Way (Auto), Subtract Only, Add Only, and Dwell; All use the critical path method
- Max/Min Cycle Limit % - Unit function; user can configure in percent of the programmed cycle time how long a cycle can be expanded or how short it can be reduced to complete transition. The minimum cycle limit cannot violate phase minimum times.
- Per phase Min/Max Transition Times: Will not violate phase or ped minimum times; Allows user to customize how short or long a phase can time during transition; can be programmed for min only or max only (or both) for one or more phases in the coordination split table (if 0, controller will use unit % min/max cycle times for the phase)

Transition between Patterns (TOD):

- Transition begins IMMEDIATELY upon pattern change.
- In the algorithm, offsets are referenced to the Time of Day clock so exact time to transition is immediately known
- “Coord Now” Function
 - Provides “Instant” coordination between patterns during TOD changes.
 - If enabled (by TOD) the controller will terminate to all red when the pattern change is selected (by manual or TOD command) and instantly services the phases currently allowed during the new coordination pattern.
 - *Checks if the remaining service time for the current coord-select phases is long enough to serve the phase minimum times prior to the programmed force-off point.* If not, selects next phases in sequence.
 - Also available as a Preemption Exit Option Coordination and Transition Status

The MaxTime v1.8 coordination status menus provide a best-in-class view into the coordinator calculations during coord and transition states. The status screen includes the following:

- Live calculated force-off times per phase (recalculated after every phase termination during transition)
- Live view of permissive windows (Open/Closed) for each phase
- Current/Actual offset vs. Programmed offset times

- Local Cycle vs. Actual Cycle Time: Actual Cycle displays the current calculated transition cycle; i.e. if programmed cycle is 90 seconds and a phase terminates 10 seconds late, the Actual Local Cycle time will display 80 seconds showing a truncated cycle to reestablish coordination.

Figure 65 – MaxTime v1.8 Coordination Status Screen (Coordinator in Transition State) below shows a screen capture of the coordination status menu.

Coord Status						
Mode	Local Cycle	Local Cycle Length	Master Cycle	Master Cycle Length	Set Offset	Act. Offset
Transition	46	78	63	90	0	17

Ring Status			
Ring	Active Phase	Next Term Time	Coord Command
1	1	57.6	None
2	5	57.6	None
3	0	0.0	None
4	0	0.0	None

[Next](#)

All Phases				
Phase	Term Time	Coord Omit	Yield Window	Time Left
1	57.6	Yes	Closed	6.5
2	5.0	No	Open	0.0
3	18.3	Yes	Closed	0.0
4	44.3	Yes	Closed	0.0
5	57.6	Yes	Closed	6.5
6	5.0	No	Open	0.0
7	18.3	Yes	Closed	0.0
8	44.3	Yes	Closed	0.0
9	0.0	0	0	0.0
10	0.0	0	0	0.0
11	0.0	0	0	0.0
12	0.0	0	0	0.0
13	0.0	0	0	0.0
14	0.0	0	0	0.0
15	0.0	0	0	0.0
16	0.0	0	0	0.0
17	0.0	0	0	0.0
18	0.0	0	0	0.0
19	0.0	0	0	0.0
20	0.0	0	0	0.0

Figure 65 – MaxTime v1.8 Coordination Status Screen (Coordinator in Transition State)

Vehicle Detectors

Detector Reports

MaxTime collects and stores all detector and phase data in the Event Recorder (High Resolution Data Logger). From the data, the following reports can be generated:

- Arrivals during Green
- Arrivals during Yellow/Red
- Arrivals during first five seconds of red

- Occupancy during Green
- Occupancy During Yellow/Red

Intelight's X2 and X3c controllers with android color touch screens allow the user to view the data above and associated Purdue coordination diagrams on the controller in the cabinet (Purdue MOEs available from Controller Web UI and color front panel in winter 2015).

The data can be exported remotely or from the Web UI to XML or comma separated value (.csv) files for post processing.

For printing, users can easily define custom reports in MaxTime using Microsoft Excel and data tags associated with each MaxTime NTCIP object. The Excel file is uploaded to the controller via the built-in web interface. Users can then "Print" a report from one of the templates. MaxTime replaces the data tags with the actual stored parameters and then displays the report for saving or printing. [Figure 66 - MaxTime Report/Database Printing Menu](#) and [Figure 67 - Excel Sheet with MaxTime Object Data - Tags for Report Template](#) are screen captures of the MaxTime's report printing menu and a sample Excel Sheet with data tags:

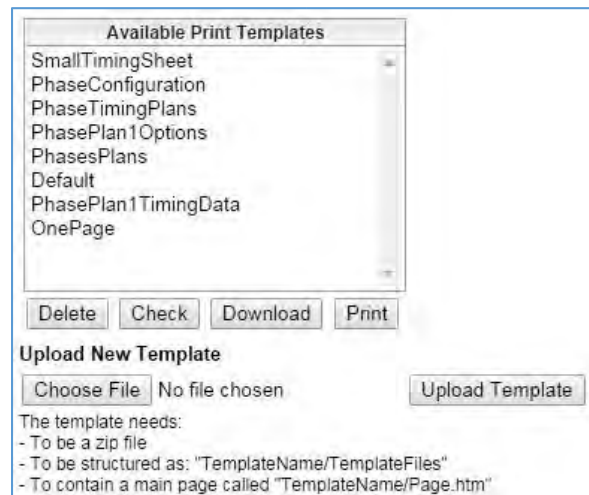


Figure 66 – MaxTime Report/Database Printing Menu

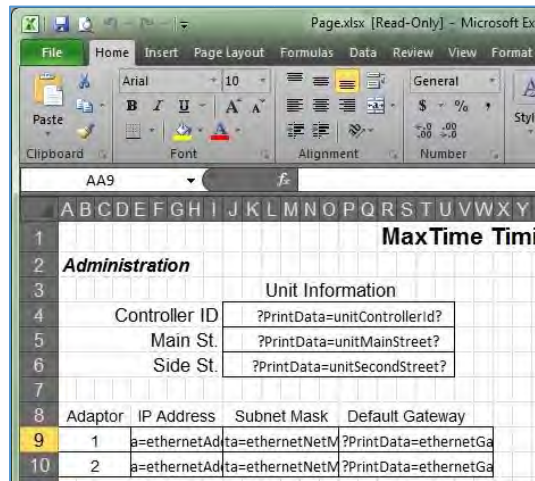


Figure 67 – Excel Sheet with MaxTime Object Data-Tags for Report Template

Detector Parameters and Options

MaxTime features ten independent detector plans that can be selected by Time of Day (per Pattern) or from user logic/inputs. Each detector plan includes all available detector parameters and options including:

Vehicle Detector Parameters:

- NTCIP: Call Phase, Switch Phase, Delay Time, Extend Time, Queue Limit
- Extended:
 - Description Field: no character limits
 - Call Overlap: Places call on all included phases for next available service opportunity
 - Additional Call Phases: Specify multiple call/extend phase without logic
 - Extension Hold Time: Holds the extension timer true for the specified length of time **from start of phase green**

Detector Options:

- NTCIP: Volume, Occupancy, Yellow Lock, Red Lock, Extend, Add Initial, Queue, Call
- Extended:
 - Terminate – Forces a phase off after the minimum required phase times have been satisfied
 - Min Green 2 – Calls a phase min green 2 (Bicycles, large trucks, etc.)
 - Protected Perm – In conjunction with Red/Yellow Lock, the call will not be locked until the end of the switch phase Pedestrian Detector Parameters
- NTCIP: Call Phase
- Extended:

- Call Overlap Ped
- Additional Call Phases
- Walk 2 Enable Time – For extended press service
- Ped Clear 2 Enable Time – For extended press service

Warranty and Support

Control Tech West and Intelight take pride in responsive and effective customer service. We work as a team to respond quickly to customer calls and inquiries and as an extension to the Agency's staff to provide realistic delivery dates and timely responses to critical issues.

We provide superior service and quality products in a timely manner. With local offices in California, we can respond quickly and effectively should unanticipated support or maintenance issues arise. The City PM and appropriate staff will have access to and Control Tech West's on-call phone number on a continuous basis. Control Tech West's local PM anticipates being available between 7:00 am through 5:00 pm.

Our on-call support and warranty is included for the first five years from the purchase of the software at no additional cost. After the initial warranty period, additional warranty service can be purchased for a reasonable cost. When purchased, Intelight's support and maintenance agreement will provide phone, email, webinar, and on-site support, software bug fixes, and new releases on an annual basis. The City can choose to purchase a maintenance agreement at any time regardless of continuous support program purchases. If the City does not require support, software upgrades can be purchased for a reduced price at any time after the warranty period has expired.

Our team is committed to quick response and will respond to service request within one business day. To promptly service the City, we can use phone or Internet meeting technology to remotely support questions or problems that arise. If a problem cannot be accurately diagnosed or fixed over the phone, one of our highly trained staff will provide on-site support to the City. Our support staff is extremely flexible and responsive. Typically, critical software issues are fixed within days of diagnosing the problem and major feature additions or changes are conducted in less than 30 days. While Control Tech West and Intelight will make every effort to respond immediately, response to critical service or maintenance issues shall not exceed a 24-hour period.

If an issue occurs, the Local Project Manager from Control Tech West will act as the primary contact and local representative to the Agency. Control Tech West will assist with field support and work to diagnose and solve the issue as fast as possible. Control Tech West and our partners have a close partnership and work together seamlessly to address problems and fix critical software issues. We realize the importance of providing accurate estimates for delivering updates, fixes, or support results and to meet those deadlines on time.

Appendix B includes a sample Software Products Maintenance Agreement.

Support Team

Control Tech West will be the primary point of contact and prime provider for this project. To better support the City and your partners, we have assembled an expert team of traffic signal timing engineers, field support staff, and technicians.

Support Work-Flow

We understand that, although not directly related, issues may arise where our equipment interfaces with other manufacturers' products and that our staff's time may be required to help troubleshoot or support those issues. *Figure 68 – Customer Support Process Diagram* shows how an issue will be tracked throughout the solution process. The process starts and ends with the Project Manager to minimize miscommunication and ensure the City has a single point of contact who will track support request from start to finish.

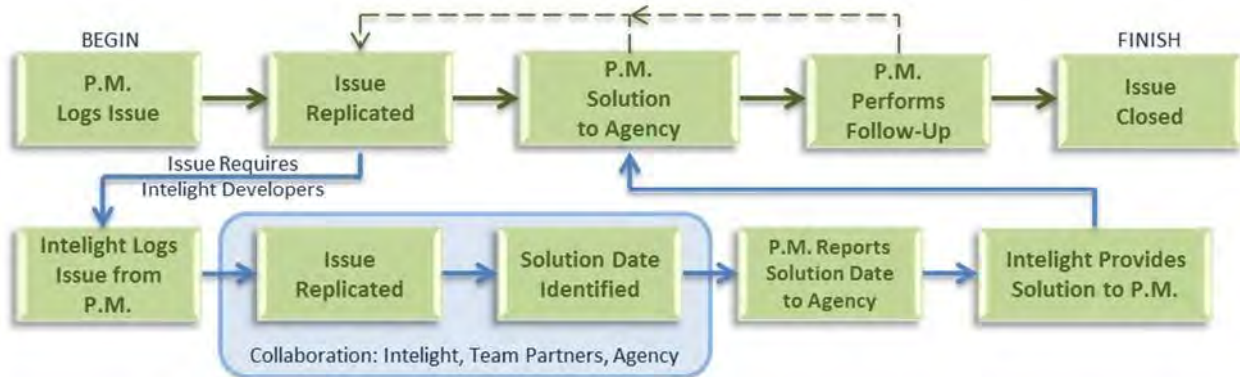


Figure 68 – Customer Support Process Diagram

Training

Control Tech West staff are true field engineers that understand how configuration changes in the controller software effect field operations. We also understand how to leverage central system operations and functionality to better manage the traffic signal system while facing challenges of limited staff availability.

We also understand that oftentimes agencies have been using their current software for many years and proposing a change of any type can be challenging for customer buy in. We propose two levels, or types, of training in initial phase. One course for “basic level” which will be the user level and the other course for “advanced level” which will be administrator, IT, and other technical users.

Control Tech West and Intelight will provide training on the MaxView system software following the integration and deployment or as requested. The training will cover software features, operations procedures, and case studies. Once the software has been deployed in the field, Control Tech West and Intelight will continue to provide support regarding system operations, functionality, and future development needs.

Specifically, our training program is tailored to those receiving the training. For example, for a class that is composed primarily of field support staff we focus on configuration changes, troubleshooting procedures, and basic traffic signal operations. Another user group may focus more on parameters and functions related to traffic signal timings, coordination, and programming advanced phase configurations. A course outline (pre-approved by the agency) is followed to ensure all topics and features are covered, however our dynamic training courses are hands-on workshops that include case studies and examples of how each function is used in the field. Furthermore, we interact with the audience, surveying each agency's typical signal operations and configurations, adjusting the course curriculum to those users' needs. In addition to providing an engaging session, this style of hands-on training also gives the users opportunities to provide Intelight with valuable feedback regarding feature operations, future needs, and daily user specific suggestions that contribute to a better, more user friendly, and reliable software platform.

For this contract, Control Tech West proposes 32 hours (4 days) of training and shall consist of the following courses:

- MaxView Basic Training (1 Day)
- MaxView Advanced and System Administrator Training (1 Day)
- MaxTime Training (2 Days)

Training will be performed on-site at agency provided locations. The training session includes all PowerPoint materials (detailed outline of each feature/topic/concept covered) and any software necessary to complete the training session.

Control Tech West will provide extensive documentation for the MaxView system and the MaxTime local controller software. The MaxView software includes context-sensitive tooltips that appear when the mouse pointer is positioned over the various entry fields available to the user. Additionally, MaxView integrated help files, which are indexed by topic and keyword searchable. Finally, the MaxView web client includes a complete PDF copy of the MaxView Technical Reference Manual that users can access through the Help menu. This PDF manual can be searched by the user and can be saved to the local hard drive for faster access.

MAINTENANCE AGREEMENT

The term of this Software Maintenance Agreement (Agreement) is for 5 years of support as described within this document.

Thereafter, such maintenance may be continued on an annual basis by mutual consent, at a cost to be negotiated after year 5.

This agreement can be canceled with written notice thirty (30 days) prior to the annual maintenance renewal date.

Limitation of Agreement

To the extent permitted by applicable statutory law, Intelight makes no other warranty or guarantees of support, either expressed or implied, with respect to this Software.

Support Helpdesk

Intelight will make available for the term of this Agreement, during normal business hours of 8AM to 5PM PST Monday to Friday, a telephone and email helpdesk facility for the purposes of:

- (a) assisting the Customer with the proper use of the Software;
- (b) determining the causes of errors in the Software; and/or
- (c) fixing errors in the Software as reasonably possible.

Response and Resolution Times

Intelight will use all reasonable endeavors to respond to requests for Services made through the helpdesk; and use all reasonable endeavors to resolve issues raised by the Customer, promptly and in accordance with the following response time matrix.

Severity	Examples	Response Time	Resolution Time
Critical	System is unavailable and users cannot log in. Multiple acceptance test cases fail.	4 hr	3 business days Hotfix Release
Serious	Intersection polling fails repeatedly throughout a 24-hour period or product crashes during commonly used scenarios and acceptance test case fails.	6 hr	5 business days Hotfix Release

Moderate	Product crashes or does not function as expected during edge case or rarely used scenarios but some acceptance test cases fail.	24 hr	10 business days Hotfix Release
Minor	Product occasionally does not work as expected during edge case scenarios that do not block core acceptance test cases.	24 hr	3-6 months Next Major Release

All claims under this software agreement must be made in writing to Intelight and a support ticket number (SN) must be obtained. Upon issuance of a support ticket Intelight support engineers will make commercially reasonable efforts as describe above to resolve the issue.

Hotfix Release

Intelight will for the lifetime of the product, as needed to address product defects,

- provide copies of all such software Hotfix Release to the Customer promptly following the general release of the relevant Hotfix Patches to the customers; and,
- apply such Hotfix Release to the Software promptly following the general release of the relevant Hotfix Release to the customers of the Supplier through remote access

If the hardware or operating system in user by the Customer is deemed not to be sufficient for installation of the Hotfix Release, then the Customer shall be responsible for the cost of any new hardware or software as may be required. (Arlington will provide the recommended hardware (server) for MaxView)

Major Release Upgrades

Intelight will for the term of this agreement,

- give to the Customer reasonable prior notification of the general release of an Upgrade of the covered software products.
- provide copies of all such software Upgrades to the Customer promptly following the general release of the relevant Upgrade to the customers; and,
- apply such Upgrades to the Software promptly following the general release of the relevant Upgrade to the customers of the Supplier through remote access or on-site support if required.

If the hardware or operating system in user by the Customer is deemed not to be sufficient for installation of the Upgrade release, then the Customer shall be responsible for the cost of any new hardware or software as may be required.

Covered Products

The products listed below installed at the customer site are covered by this Agreement:

- Intelight MaxView ATMS
- Intelight MaxTime Local Software

Limits of Coverage

Intelight will not be held liable to the purchaser or any other party for any incidental or consequential damage or loss resulting from the failure of the covered product. The total liability of Intelight Inc. shall not exceed the amount of the purchase price of the covered product. The sole remedy of the purchaser shall be repair or replacement of the covered product as described above.

This Agreement does not include repair services due to damage caused by rain, fire, flood, lightning, tornado, windstorm, hail, earthquake, explosion, smoke, aircraft, motor vehicle, collapse of building, strike, riot, power failure or fluctuation, or other case originating by reason of other than normal operation of the software, or the Customers negligence or misuse of the software.

This Agreement does not cover support, repair or warranty of any hardware or 3rd party software installed as part of the Software.

STAFF REPORT
City of Lancaster

NB 2
12/12/17
MVB

Date: December 12, 2017

To: Mayor Parris and City Council Members

From: Jeff Hogan, Development Services Director

Subject: **Award of Bid – Public Works Construction Project No. 16-001
North County ITS Expansion and Traffic Signal System Modernization**

Recommendation:

Award **Public Works Construction Project No. 16-001, North County ITS Expansion and Traffic Signal System Modernization**, to Crosstown Electrical and Data, Inc., of Irwindale, California, in the amount of \$2,167,010.00 base bid, plus additive alternative in the amount of \$74,400.00, for a total bid of \$2,241,410.00, plus an 18% of \$403,453.80 contingency, to replace copper cable with fiber optic cable in the existing conduits, install new Ethernet switches in existing controller cabinets at signalized intersections, update existing fiber backbone equipment, install equipment to view images remotely through existing video detection, and install wireless communication to remote signalized intersections.

Fiscal Impact:

\$2,644,863.80 (including 18% contingency) to be awarded; sufficient funds are available in Capital Improvements Budget Account No.'s 217-11TS001, 321-11TS001, 217-16TS028, and 321-16TS028. There are no additional maintenance costs associated with this project.

Background:

The Traffic Signal System Modernization project will replace 28 miles of copper cable with fiber optic cable in the existing conduits, install new Ethernet switches in existing controller cabinets at 147 signalized intersections, update existing fiber backbone equipment, install equipment to view images remotely through existing video detection at 54 signalized intersections, and install wireless communication to 18 remote signalized intersections. The project boundaries are from Avenue H to Avenue N, and 70th Street West to 30th Street East. The project will reduce travel times and increase level of service by providing real-time data, allowing for reduced cycle lengths at signalized intersections.

At its September 22, 2011, meeting, the Los Angeles County Metropolitan Transportation Authority (LACMTA) approved the project list and funding allocation for Traffic Signal System Modernization. Funding allocation for the project is for design, project development, right-of-way, and construction of Traffic Signal System Modernization. The total funds designated for this project are \$2,018,784.00. Project Funds are programmed over Fiscal Year 2015-2016 and Fiscal Year 2016-2017. The matching fund requirement for the City is 50% of project expenditures.

The North County ITS Expansion project will upgrade the Lancaster Central Traffic Control Management, and provide for a connection to the LA County Information Exchange Network (IEN). The upgrades will include: installation of new and/or upgrading traffic signal controllers, and installation of new, upgraded communications equipment.

The project is funded under the 2007 Metro Call for Projects. Lancaster and Palmdale were jointly awarded the respective grant funding, which includes Lancaster’s proposed ITS expansion scope of work. The overall project cost for the Lancaster improvements is \$1,660,821.00. Under terms of the MOU, the LACMTA will contribute up to \$1,328,656.80, representing 80% of the project costs within Lancaster, and Lancaster will contribute up to \$332,164.20, representing the committed 20% local participation.

On November 27, 2017, at 11:00 a.m., the City conducted a bid opening for Public Works Construction Project No. 16-001. Four (4) sealed bid envelopes were received, opened, and read aloud. The bids were as follows:

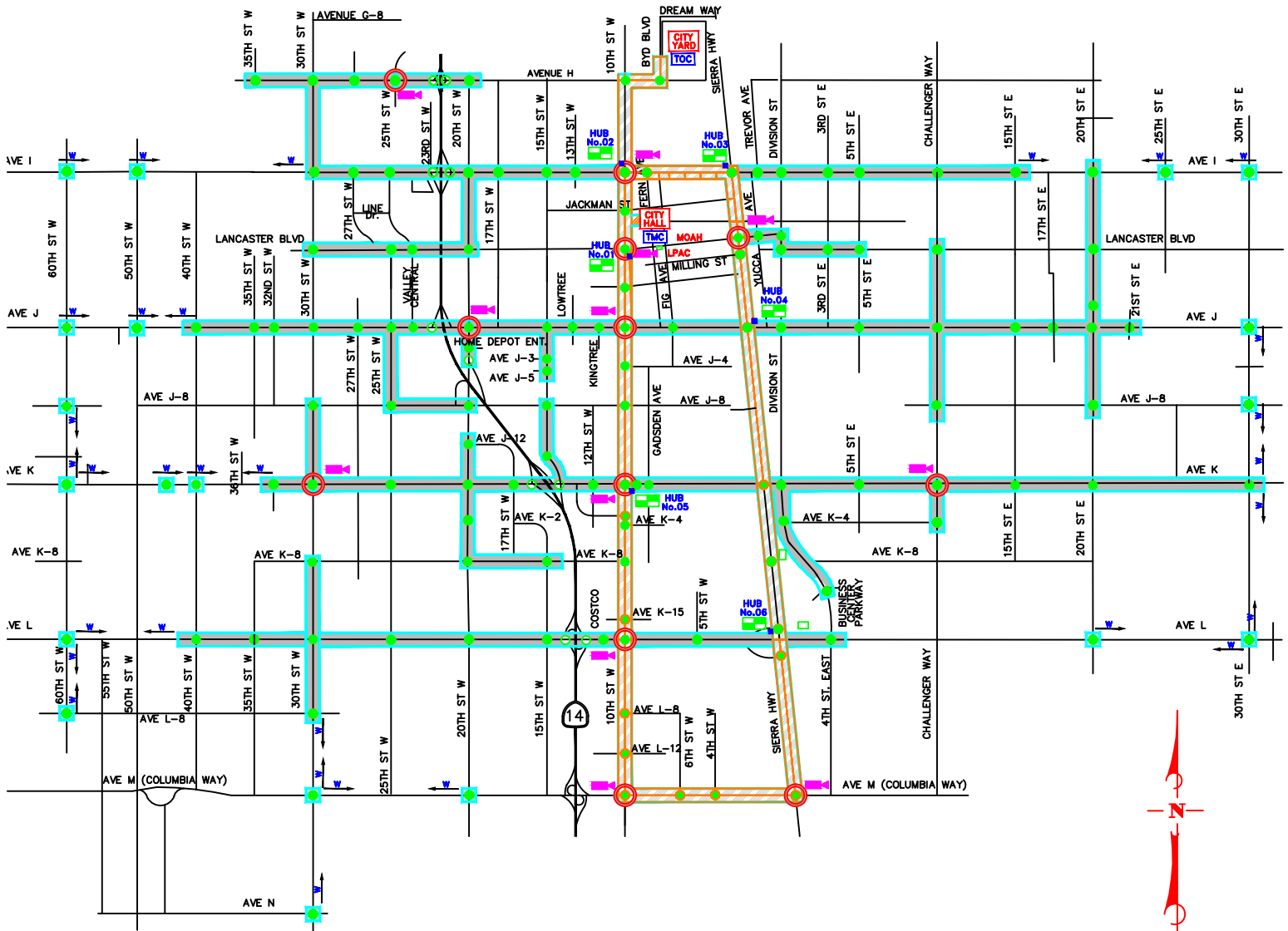
<u>Contractor</u>	<u>City</u>	<u>Base Bid Plus Additive Alternatives</u>
1. DBX, Inc.	Temecula, CA	\$2,534,055.00
2. Crosstown Electrical, Inc.	Irwindale, CA	\$2,241,410.00**
3. Comet Electric	Chatsworth, CA	\$2,964,622.00**
4. Elecnor Belco Electric, Inc.	Chino, CA	\$2,634,225.00**
Engineer’s Estimate		\$2,761,100.00

**Corrected for Mathematical Error

AP:bg

Attachment:
Vicinity Map

CITY OF LANCASTER PWCP 16-001 NORTH COUNTY ITS EXPANSION AND TRAFFIC SIGNAL SYSTEM MODERNIZATION



LEGEND:

- PROJECT LOCATION - NORTH COUNTY ITS EXPANSION
- TRAFFIC SIGNAL SYSTEM MODERNIZATION

VICINITY MAP
N.T.S.

**MEMORANDUM
CITY OF LANCASTER, CA**

TO: City Council Members

FROM: Mayor R. Rex Parris

DATE: December 12, 2017

SUBJECT: **Report on the Activities of the Board of Directors for District No. 14 of the County Sanitation Districts of Los Angeles County**

Recommendation:

Receive a report of the proceedings and issues discussed at the October 18, 2017 District No. 14 Board of Directors regular meeting of the County Sanitation Districts of Los Angeles County (District).

Background:

District No. 14 of the County Sanitation Districts of Los Angeles County is organized to receive through their trunk sewers the wastewater from all of the City of Lancaster, a small region of the westerly portion of the City of Palmdale, and a smaller region of the unincorporated County of Los Angeles. A Board of Directors comprised of a representative from each city and the County generally meets monthly to review and decide upon the business of the District.

The Board of Directors considered the following agenda items at October 24, 2017 regular meeting:

- 1) Approved Minutes of Adjourned Regular Meetings Held June 13, 2017 and September 12, 2017
- 2) Approved May, June, July and August 2017 Expenses in Total Amount of \$9,660,560.33
 - Local District Expenses:
 - Operations & Maintenance (O & M) \$4,263,193.66
 - Capital 4,512,556.75
 - District No. 14's Share of Allocated Expenses for O & M and Capital:
 - Joint Administration 380,171.35
 - Technical Support 504,638.57
 - Total Expenses \$9,660,560.33

- 3) Re: Annexations Nos. 426 and 427 to District
 - a) Adopted Resolutions for Making Application to Local Agency Formation Commission (LAFCO) for Annexations; Review, Consider and Find Adequate California Environmental Quality Act Document (CEQA); and Consent to Waiver of Protest Proceedings
 - b) Adopted Joint Resolution with County of Los Angeles, Antelope Valley Cemetery District, Antelope Valley Mosquito & Vector Control District, Antelope Valley Resource Conservation District, City of Lancaster, and Antelope Valley - East Kern Water Agency Approving and Accepting Negotiated Exchange of Property Tax Revenues Resulting from Annexation No. 426
 - c) Adopted Joint Resolution with County of Los Angeles, Antelope Valley Cemetery District, Antelope Valley Mosquito & Vector Control District, Antelope Valley Resource Conservation District, Antelope Valley - East Kern Water Agency, and Palm Ranch Irrigation District Approving and Accepting Negotiated Exchange of Property Tax Revenues Resulting from Annexation No. 427
- 4) Received Report on Bids for Construction of Lancaster Water Reclamation Plant (WRP) Storage Reservoirs Filter Diaphragms
- 5) Ordered Executed Contract No. 5037 with Perimeter Security Group, LLC for Construction of Lancaster Water Reclamation Plant Entrance Improvements in Amount of Approximately \$151,817
- 6) Approved and Ordered Executed Documents as Follows:
 - a) Memorandum of Understanding (MOU) with 412th Test Wing (412 TW) Regarding Water Management and Maintenance at Piute Ponds Complex (Complex) located on Edwards Air Force Base (EAFB)
 - b) Agreement To Purchase Los Angeles County Tax-Defaulted Property (Agreement) with Board of Supervisors of Los Angeles County (County) for Implementation of Lancaster Water Reclamation Plant 2020 Facilities Plan (Plan)
- 7) Received Report on Acquisition of Property for Implementation of Mitigation Measure in Final Environmental Impact Report (FEIR) for Lancaster Water Reclamation Plant 2020 Facilities Plan (Plan)
- 8) Adopted Policies as Follows:
 - a) Investment Policy
 - b) Debt Management Policy
 - c) Financial Reserve Policy

- 9) Re: Lease of District's Property at Lancaster Water Reclamation Plant (WRP) Eastern Agricultural Site (EAS) with High Desert Dairy–Van Dam, LLC (Van Dam)
 - a) Reported on Bids
 - b) Approved and Ordered Executed Documents; and Authorize Chief Engineer and General Manager (Chief Engineer) to Take All Actions on Behalf of District Required by Documents as Follows:
 1. Lease and Recycled Water Agreement (Agreement) for Agricultural Reuse of Recycled Water in Accordance with Applicable Regulations and Requirements
 2. Residential Lease Agreement (Lease) for 48251 70th Street East in Lancaster
 - c) Authorized Chief Engineer and General Manager to Retain Security Services for Three Months at Estimated Cost of \$90,000

- 10) Voted for *Closed Session Conference with Real Property Negotiators – Pursuant to Provisions of California Government Code Section 54956.8*, Board of Directors will Meet in Closed Session to Discuss Potential Lease Terms and Water Rights for Approximately 1,480 Acres of District No. 14 Property Located in Lancaster and Identified on Attachments 1 and 2; District Negotiators: Grace R. Hyde and Ray Tremblay

- 11) Adjourned meeting to Tuesday November 14, 2017

**MEMORANDUM
CITY OF LANCASTER, CA**

TO: Mayor Parris and City Council Members

FROM: Vice Mayor Marvin Crist
Council Member Angela Underwood-Jacobs

DATE: December 12, 2017

SUBJECT: **Report on the Activities of the Board of Directors for the Antelope Valley Transit Authority**

Recommendation:

Receive a report of the proceedings and issues discussed at the October regular Board of Directors meeting of the Antelope Valley Transit Authority (AVTA).

Background:

The Antelope Valley Transit Authority is a distinct government entity created under a joint powers authority agreement between the City of Lancaster, the City of Palmdale, and Los Angeles County that provides public transit services. Vice Mayor Marvin Crist serves as the Chairman and Council Member Angela Underwood-Jacobs serves as a Director on the AVTA Board for the City of Lancaster.

The following significant events took place at the regular October Board meeting:

Present: Chairman Marvin Crist
Vice Chair Dianne Knippel
Director Angela Underwood-Jacobs
Director Austin Bishop
Director Michelle Flanagan
Director Steve Hofbauer

Senior Subsidy Grant Program.

Approved the Senior Subsidy Grant Program for FY18, and redefined “senior” as an individual 62 years of age or older. Approval will be conditional based on agreement from the cities of Lancaster (\$20,250) and Palmdale (\$2,375).

Approved (6-0-0-0).

Vanpool Project Options.

Authorized the Director/CEO to research all options, as directed, for vanpool/carpool/car share operation and provide a recommendation at the November 28, 2017 Board Meeting.

Approved (6-0-0-0).

Contract extension for Contract #2011-32 for Fixed Route Transit Operations and Maintenance Services.

Item tabled until the November 28, 2017 Board Meeting.

**MEMORANDUM
CITY OF LANCASTER, CA**

TO: Mayor Parris and City Council Members

FROM: Vice Mayor Marvin Crist
Council Member Angela Underwood-Jacobs

DATE: December 12, 2017

SUBJECT: **Report on the Strategic Planning Workshop of the Board of Directors for the Antelope Valley Transit Authority held October 18, 2017**

Recommendation:

Receive a report of the proceedings and issues discussed at the Strategic Planning Workshop of the Board of Directors for the Antelope Valley Transit Authority (AVTA).

Background:

The Antelope Valley Transit Authority is a distinct government entity created under a joint powers authority agreement between the City of Lancaster, the City of Palmdale, and Los Angeles County that provides public transit services. Vice Mayor Marvin Crist serves as the Chairman and Council Member Angela Underwood-Jacobs serves as a Director on the AVTA Board for the City of Lancaster.

The following significant events took place at the Strategic Planning Workshop meeting:

Present: Chairman Marvin Crist
Vice Chair Dianne Knippel
Director Angela Underwood-Jacobs
Director Austin Bishop
Director Michelle Flanagan
Director Steve Hofbauer

Requirement for “Enhanced” Service with Measure M Funds.

Executive Director/CEO Len Engel reported that AVTA should receive about \$2,000,000 in Measure M Funds in November 2017. The funds can be used only for supplementing existing transit programs and services such as vanpool services, increased frequency, additional buses, and new routes. The Board discussed existing service levels and when AVTA could use Measure M Funds.

Anticipated Funds from Senate Bill (SB) 1: Transportation Funding.

Jim Moore presented information included in the Sustainable Community Planning Grant application to be submitted on October 20, 2017. The grant tasks include evaluating routes, future transportation demands, and identifying service standards for residential and commercial developments. The Board discussed transportation requirements in commercial and residential development projects, drafting a transportation policy, and partnerships with jurisdictions.

The Board also discussed potential reductions or changes to existing service levels, fiscal impact to AVTA, and the impact strike activity has had on transportation needs and expenditures. Mr. Engel will provide a proposal regarding downgrading existing service, proposed service, the number of operators that would be laid off, the effect on veterans, seniors, disabled, and student riders, and the Title VI implications.

The Board also discussed the status of the electric bus project, positive feedback from other transportation agencies, potential revenue sources, partnering with Kern County on a grant application, obtaining advanced jurisdictional payments to cover operational costs, and revising the jurisdictional cost allocation formula to increase Los Angeles County's contribution to match the other two jurisdictions.

Operations for Commuter Vanpool Service Provider with Zero Emissions Fleet.

Mr. Engel stated AVTA will receive \$400,000 in the TIRCP II Grant, which is allocated for the purpose of ten battery-electric vehicles. The Board discussed: 1) various uses, such as assigning vehicles to Lancaster's and Palmdale's park and ride sites, local hotels, and commuters traveling to Edward's Air Force Base or Mojave Spaceport; 2) partnering with Antelope Valley Air Quality Management District for the required infrastructure; 3) cost of the vehicles; 4) other transit agencies that provide vanpool services.