



Regular Meeting Agenda November 15, 2016

Placentia City Council
Placentia City Council as Successor to the Placentia
Redevelopment Agency
Placentia Industrial Commercial
Development Authority

Jeremy B. Yamaguchi
Mayor

Craig S. Green
Mayor Pro Tem

Scott W. Nelson
Council Member

Constance M. Underhill
Council Member

Chad P. Wanke
Council Member

Patrick J. Melia
City Clerk

Kevin A. Larson
City Treasurer

Damien R. Arrula
City Administrator

Christian L. Bettenhausen
City Attorney

City of Placentia
401 E. Chapman Avenue
Placentia, CA 92870

Phone: (714) 993-8117
Fax: (714) 961-0283
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Website: www.placentia.org

Mission Statement

The City Council is committed to keeping Placentia a pleasant place by providing a safe family atmosphere, superior public services and policies that promote the highest standards of community life.

Vision Statement

The City of Placentia will maintain an open, honest, responsive and innovative government that delivers quality services in a fair and equitable manner while optimizing available resources.

Copies of all agenda materials are available for public review in the Office of the City Clerk, online at www.placentia.org, and at the Placentia Library Reference Desk. Persons who have questions concerning any agenda item may call the City Clerk's Office, (714) 993-8231, to make inquiry concerning the nature of the item described on the agenda.

Procedures for Addressing the Council/Board Members

Any person who wishes to speak regarding an item on the agenda or on a subject within the City's jurisdiction during the "Oral Communications" portion of the agenda should fill out a "Speaker Request Form" and give it to the City Clerk BEFORE that portion of the agenda is called. Testimony for Public Hearings will only be taken at the time of the hearing. Any person who wishes to speak on a Public Hearing item should fill out a "Speaker Request Form" and give it to the City Clerk BEFORE the item is called.

The Council and Board members encourage free expression of all points of view. To allow all persons the opportunity to speak, please keep your remarks brief. If others have already expressed your position, you may simply indicate that you agree with a previous speaker. If appropriate, a spokesperson may present the views of an entire group. To encourage all views, the Council and Board discourage clapping, booing or shouts of approval or disagreement from the audience.

PLEASE SILENCE ALL PAGERS, CELL PHONES, AND OTHER ELECTRONIC EQUIPMENT WHILE COUNCIL AND BOARD MEMBERS ARE IN SESSION.

Special Accommodations

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's Office at (714) 993-8231. Notification 48 hours prior to the meeting will generally enable City Staff to make reasonable arrangements to ensure accessibility. (28 CFR 35.102.35.104 ADA Title II)

In compliance with California Government Code § 54957.5, any writings or documents provided to a majority of the City Council regarding any item on this agenda that are not exempt from disclosure under the Public Records Act will be made available for public inspection at the City Clerk's Office at City Hall, 401 East Chapman Avenue, Placentia, during normal business hours.

Study Sessions are open to the public and held in the City Council Chambers or City Hall Community Room. Executive Sessions are held in the Council Caucus Room. While the public may be in attendance during oral announcements preceding Executive Sessions, Executive Sessions are not open to the public.

**PLACENTIA CITY COUNCIL
PLACENTIA CITY COUNCIL AS SUCCESSOR TO THE
PLACENTIA REDEVELOPMENT AGENCY
PLACENTIA INDUSTRIAL COMMERCIAL DEVELOPMENT AUTHORITY
REGULAR MEETING AGENDA- CLOSED SESSION
November 15, 2016
5:30 p.m. – City Council Chambers
401 E. Chapman Avenue, Placentia, CA**

CALL TO ORDER:

ROLL CALL: Councilmember/Board Member Nelson
Councilmember/Board Member Underhill
Councilmember/Board Member Wanke
Mayor Pro Tem/Board Vice Chair Green
Mayor/Board Chair Yamaguchi

ORAL COMMUNICATIONS:

At this time the public may address the City Council and Boards of Directors concerning any items on the Closed Session Agenda only. There is a five (5) minute time limit for each individual addressing the City Council and Boards of Directors.

The City Council and Boards of Directors will recess to the City Council Caucus Room for the purpose of conducting their Closed Session proceedings.

CITY COUNCIL:

1. Pursuant to Government Code Section 54956.8
CONFERENCE WITH REAL PROPERTY NEGOTIATOR
Property: 207-209 W. Crowther Avenue APN: 339-402-05; 07; 08; 11
Agency Negotiator: Damien R. Arrula, City Administrator
Negotiating Parties: Placentia Mutual Properties, LLC
Under Negotiations: Price and Terms of Payment

2. Pursuant to Government Code Section 54956.9(d)(2):
CONFERENCE WITH LEGAL COUNSEL – POTENTIAL LITIGATION
Number of Cases: 3

RECESS: The City Council and Boards of Directors will recess to their 7:00 p.m. Regular Meeting.

**PLACENTIA CITY COUNCIL
PLACENTIA CITY COUNCIL AS SUCCESSOR TO THE
PLACENTIA REDEVELOPMENT AGENCY
PLACENTIA INDUSTRIAL COMMERCIAL DEVELOPMENT AUTHORITY
REGULAR MEETING AGENDA
November 15, 2016
7:00 p.m. – City Council Chambers
401 E. Chapman Avenue, Placentia, CA**

CALL TO ORDER:

ROLL CALL: Councilmember/Board Member Nelson
Councilmember/Board Member Underhill
Councilmember/Board Member Wanke
Mayor Pro Tem/Board Vice Chair Green
Mayor/Board Chair Yamaguchi

INVOCATION: Police Chaplain Gary Drabek

PLEDGE OF ALLEGIANCE: Girl Scout Troop 3070

PRESENTATIONS:

- a. **Presentation- Community Services Overview of 2016 Summer Programs**
Presenter: Community Services Coordinator Veronica Ortiz

CLOSED SESSION REPORT:

CITY ADMINISTRATOR REPORT:

ORAL COMMUNICATIONS:

At this time the public may address the City Council and Boards of Directors concerning any agenda item, which is not a public hearing item, or on matters within the jurisdiction of the City Council and Boards of Directors. There is a five (5) minute time limit for each individual addressing the City Council and Boards of Directors.

CITY COUNCIL/BOARD MEMBER COMMENTS:

1. CONSENT CALENDAR (Items 1.a. through 1.d.):

All items on the Consent Calendar are considered routine and are enacted by one motion approving the recommended action listed on the Agenda. Any Member of the City Council and Boards of Directors or City Administrator may request an item be removed from the Consent Calendar for discussion. All items removed shall be considered immediately following action on the remaining items.

- 1.a. **Consideration to Waive Reading in Full of all Ordinances and Resolutions**
Fiscal Impact: None
Recommended Action: Approve.
- 1.b. **City Fiscal Year 2016-17 Register for November 15, 2016**
Check Register
Fiscal Impact: \$830,901.05
Electronic Disbursement Register
Fiscal Impact: \$576,186.65
Recommended Action: It is recommended that the City Council:
1) Receive and file.

1.c. **State Mandated Zoning Code Amendment No. 2016-01, Second Reading of Model Water Efficient Landscape Ordinance**

Fiscal Impact: No fiscal impacts are anticipated with this ordinance as all costs will be recovered through the plan check and inspection process.

Recommended Action: It is recommended that the City Council:

- 1) Find that the adoption of the ordinance is exempt from environmental review pursuant to Sections 15307 and 15061(b)(3) of the CEQA Guidelines, and direct Staff to file a Notice of Exemption; and
- 2) Waive full reading, by title only, and adopt Ordinance O-2016-06, An Ordinance of the City Council of the City of Placentia Repealing Chapter 23.77 of Title 23 of the Placentia Municipal Code Entitled "Xeriscape and Water Efficient Landscaping" and Replacing It with the State of California Model Water Efficient Landscaping Ordinance.

1.d. **Resolution Authorizing Temporary Suspension of Regulatory Ordinance Sections 23.76.050 and 10.28.010 for the Operation of the Las Posadas and Tamale Festival Scheduled for Wednesday, December 7, 2016**

Fiscal Impact: Estimated Expense: \$9,000 (\$1,000 General Fund Dollars)

Revenue: \$8,000 (Reimbursement from Placita Santa Fe Merchants)

Recommended Action: It is recommended that the City Council:

- 1) Provide approval for the Placita Santa Fe Merchants Association to hold the Las Posadas and Tamale Festival on December 7, 2016, contingent upon the Merchants Association continuing to work with City Staff to obtain all appropriate permits, and insurance; and agreeing to follow all City regulations for the event and reimburse the City for approximately 89 percent of event costs; and
- 2) Adopt Resolution No. 2016-61, A Resolution of the City Council of the City of Placentia, California, authorizing the Temporary Suspension of Regulatory Ordinance Sections 23.76.050 and 10.28.010 of the Placentia Municipal Code for the operation of the Las Posadas and Tamale Festival on December 7, 2016 on the 100 and 200 Blocks of Santa Fe Avenue and the 200 Block of Bradford Avenue.

2. PUBLIC HEARING:

2.a. **Public Hearing, Introduction and First Reading of State Mandated Ordinance No. O-2016-07 of the City Council of the City of Placentia, California, Repealing Chapter 18.04 of Title 18 and Chapters 20.03, 20.04, 20.08, 20.12, 20.16, 20.20 and 20.56 of Title 20 of the Placentia Municipal Code and Adopting By Reference, the California Fire Code, 2016 Edition, the California Building Code, 2016 Edition, the California Residential Code, 2016 Edition, the California Green Building Code Standards Code, 2016 Edition, the California Plumbing Code, 2016 Edition, the California Mechanical Code, 2016 Edition, and the California Electrical Code, 2016 Edition, Including All Appendices, with Certain Amendments, Additions and Deletions Thereto, Including Fees and Penalties; and Adoption of a Resolution Making Required Findings Pursuant to the California Health & Safety Code**

Fiscal Impact: No fiscal impacts are anticipated with this ordinance as all costs will be recovered through the plan check and inspection process

Recommended Action: It is recommended that the City Council:

- 1) Open the Public Hearing concerning Ordinance No. O-2016-07; and
- 2) Receive the Staff Report and consider all Public Testimony; and
- 3) Close the Public Hearing; and

- 4) Waive full reading, by title only, and introduce for first reading Ordinance No. O-2016-07, An Ordinance of the City Council of the City of Placentia repealing Chapter 18.04 of Title 18 and Chapters 20.03, 20.04, 20.08, 20.12, 20.16, 20.20 and 20.56 of Title 20 of the Placentia Municipal Code and adopting by reference, the California Fire Code, 2016 Edition, the California Building Code, 2016 Edition, the California Residential Code, 2016 Edition, the California Green Building Standards Code, 2016 Edition, the California Plumbing Code, 2016 Edition, the California Mechanical Code, 2016 Edition, and the California Electrical Code, 2016 Edition, including all appendices, with certain amendments, additions and deletions thereto, including fees and penalties; and
- 5) Adopt Resolution No. R-2016-62, A Resolution of the City Council of the City of Placentia, making required findings pertaining to modification to the uniform fire and construction codes adopted by Ordinance No. O-2016-07 based upon local climatic, topographic and geologic conditions in accordance with the requirements of § 17958.5 of the California Health and Safety Code.

3. REGULAR AGENDA:

3.a. Transit Oriented Development (TOD) Packing House District Zone and Public Realm Standards (Study Session 1 of 2)

Fiscal Impact: No fiscal impacts are associated with this Study Session. Potential significant economic benefit to the local Placentia economy, including jobs, public & private investment, and annual/one-time revenue.

Recommended Action: It is recommended that the City Council:

- 1) Receive and file the report and presentation; and
- 2) Solicit public comment regarding the proposed TOD District Plan, Public Realm Design Standards, and supporting documentation; and
- 3) Provide direction to Staff as appropriate regarding all of the TOD Plan documents; and
- 4) Schedule the second study session regarding the TOD Plan for the January 17, 2017 City Council meeting.

3.b. Application Information and Consideration of Action Related to Planning Commissioner Solomonson

Fiscal Impact: None

Recommended Action: It is recommended that the City Council:

- 1) Review the information presented in this report, discuss, and determine whether to take action to remove or retain Commissioner Solomonson as a member of the City's Planning Commission.

3.c. Commission/Committee Background Checks

Fiscal Impact: TBD

Recommended Action: It is recommended that the City Council:

- 1) Receive and file the enclosed report related to the City's Commission/Committee application process and practices as well as other agencies practices concerning commissions/committees; and
- 2) Direct Staff to amend Policy No. 209 to remove commission/committee appointees from the list of volunteers to receive a background check (Live Scanned); or
- 3) Authorize the continued Live Scanning of all volunteers, including commission/committee appointees; and
- 4) Determine, if appropriate, whether or not all existing Commission/Committee members should be Live Scanned or whether this policy would apply only to new Commission/Committee members.

CITY COUNCIL/BOARD MEMBERS REQUESTS:

Council/Board Members may make requests or ask questions of Staff. If a Council/Board Member would like to have formal action taken on a requested matter, it will be placed on a future Council or Board Agenda.

ADJOURNMENT:

The City Council/Successor Agency/ICDA Agency Board of Directors will adjourn to December 6, 2016 at 5:30 p.m.

TENTATIVE AGENDA FORECAST

The Tentative Agenda Forecast is subject to change up until the posting of the Agenda for the Council Meeting listed below:

- Cooperative Agreement with OCTA for Measure M2 Project V
- Consideration of Participation in the California First and YGreene PACE Financing Programs
- Ordinance Adopting State Mandated Building and Fire Codes (2nd Reading)
- Resolution to Receive and File Measure M (M2) Expenditure Report for FY 2015-16
- Acceptance of Deed Agreement with OCTA for Chapman/Orangethorpe Grade Separation Project
- Award of Contract for Real Estate Advisory Services for 207-209 W. Crowther Avenue
- CDBG Budget Amendment for Edwin Powell Building Renovation
- Old Town Revitalization Plan Zone Change, General Plan Amendment, Development Standards; and Public Realm Development Standards; Project Update
- Crowther Avenue Permit Parking Program

CERTIFICATION OF POSTING

I, Rosanna Ramirez, Chief Deputy City Clerk of the City of Placentia and Assistant Secretary of the Industrial Commercial Development Authority and Successor Agency, hereby certify that the Agenda for the November 15, 2016 meetings of the City Council, Successor Agency, and Industrial Commercial Development Authority was posted on November 9, 2016.

Rosanna Ramirez, Chief Deputy City Clerk

City of Placentia
Check Register
For 11/15/2016

| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount Invoice# | PO # | Check # | Check Date |
|------|----------------|-------------|---------------------|----------|-----------------|------|---------|------------|
|------|----------------|-------------|---------------------|----------|-----------------|------|---------|------------|

| Check Totals by ID | |
|--------------------|------------|
| AP | 830,901.05 |
| EP | 0.00 |
| IP | 0.00 |
| OP | 0.00 |

Grand Total: 830,901.05

| Fund Name | Check Totals by Fund | Void Total: | Check Total: |
|------------------------------------|----------------------|-------------|-------------------|
| 101-General Fund (0010) | 531,562.06 | 0.00 | |
| 206-Gas Tax Bond Fund (0052) | 122,470.12 | | |
| 208-Sccsr Agency Ret Oblg (0054) | 35.00 | | |
| 210-Measure M (0018) | 8,490.90 | | |
| 211-PEG Fund (0058) | 4,219.50 | | |
| 225-Asset Seizure (0021) | 3,249.83 | | |
| 265-Landscape Maintenance (0029) | 18,057.67 | | |
| 275-Sewer Maintenance (0048) | 13,932.63 | | |
| 401-City Capital Projects (0033) | 17,215.38 | | |
| 501-Refuse Administration (0037) | 76.03 | | |
| 601-Employee Health & Wfire (0039) | 11,291.05 | | |
| 605-Risk Management (0040) | 82,856.12 | | |
| 701-Special Deposits (0044) | 17,444.76 | | |
| | | | 830,901.05 |

Check Total: 830,901.05



**City of Placentia
Check Register
For 11/09/2016**

| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Check # | Check Date |
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| MW OH | ADMINSURE V004980 | SEPT WORKERS COMP ADMIN SVS | 404580-6025 Third Party Administration | AP102616 | 3,707.22 | 9697 | | 00092533 | 10/27/2016 |
| MW OH | AGUIRRE, YAZMIN V010184 | DEPOSIT REFUND - WHITTEN | 100000-4385 Facility Rental | Check Total: AP102616 | 3,707.22 | 2001343.002 | | 00092534 | 10/27/2016 |
| MW OH | ALBERT GROVER & V007111 | SEPT TRAFFIC ENGINEERING SVS | 333552-6185 / 61056-6185 Construction Services | Check Total: AP102616 | 150.00 | 16495-IN | | 00092535 | 10/27/2016 |
| MW OH | ALBERT GROVER & V007111 | SEPT TRAFFIC ENGINEERING SVS | 333552-6185 / 6112040019-6185 Construction Services | AP102616 | 642.85 | 16495-IN | | 00092535 | 10/27/2016 |
| MW OH | ALBERT GROVER & V007111 | SEPT TRAFFIC ENGINEERING SVS | 103550-6015 Engineering Services | AP102616 | 5,657.08 | 16495-IN | P10928 | 00092535 | 10/27/2016 |
| MW OH | ARAMARK UNIFORM V004232 | PW UNIFORMS | 103650-6360 Uniforms | Check Total: AP102616 | 7,842.77 | 531889334 | | 00092536 | 10/27/2016 |
| MW OH | ARAMARK UNIFORM V004232 | FACILITY MAT CLEANING | 103654-6301 Special Department Supplies | AP102616 | 153.71 | 531889335 | | 00092536 | 10/27/2016 |
| MW OH | ART OF DANCE & BALLETT V007955 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | Check Total: AP102616 | 413.28 | FALL 2016 | | 00092537 | 10/27/2016 |
| MW OH | AT & T MOBILITY V008709 | 9/8-10/7 IPAD CHARGES | 109595-6215 Telephone | Check Total: AP102616 | 670.80 | X10152016 | | 00092538 | 10/27/2016 |
| MW OH | ATHENS SERVICES V006622 | SEPT STREET SWEEPING SVS | 103652-6290 Dept. Contract Services | Check Total: AP102616 | 289.12 | 2628202 | P10892 | 00092539 | 10/27/2016 |
| MW OH | BANK OF AMERICA V008179 | SEPT BANK FEES | 547525-6099 Professional Services | Check Total: AP102616 | 14,026.85 | 0012395999 | | 00092540 | 10/27/2016 |

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For 11/09/2016

| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Check # | Check Date |
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| MW OH | CALIFORNIA STATE V010097 | SEPT LIVESCAN BILLING | 101512-6099 Professional Services | AP102616 | 35.00 | 110.00 ASR12012 | | 00092541 | 10/27/2016 |
| | | | Check Total: | | 110.00 | | | | |
| MW OH | CBE V008124 | 9/20-10/19 COPIER OVERAGES | 109595-6175 Office Equipment Rental | AP102616 | 35.61 | 35.61 IN1828312 | | 00092542 | 10/27/2016 |
| | | | Check Total: | | 35.61 | | | | |
| MW OH | CITY OF ANAHEIM V010186 | 6/18-10/18 SIGNAL ELECTRICAL | 109595-6330 Electricity | AP102616 | 1,597.30 | 1,597.30 102516 | | 00092543 | 10/27/2016 |
| | | | Check Total: | | 1,597.30 | | | | |
| MW OH | CLEAR CHOICE LIEN SALES V005847 | OCT LIEN SERVICES | 103047-6182 Lien Services | AP102616 | 25.00 | 220 | P10911 | 00092544 | 10/27/2016 |
| MW OH | CLEAR CHOICE LIEN SALES V005847 | OCT CSUF PD LIEN SERVICES | 103047-6182 Lien Services | AP102616 | 25.00 | 3575 | P10911 | 00092544 | 10/27/2016 |
| MW OH | CLEAR CHOICE LIEN SALES V005847 | OCT LIEN SERVICES | 103047-6182 Lien Services | AP102616 | 25.00 | 3575A | P10911 | 00092544 | 10/27/2016 |
| MW OH | CLEAR CHOICE LIEN SALES V005847 | OCT LIEN SERVICES | 103047-6182 Lien Services | AP102616 | 7.50 | 7223 | P10911 | 00092544 | 10/27/2016 |
| | | | Check Total: | | 82.50 | | | | |
| MW OH | COMMERCIAL AQUATIC V005203 | JULY GOMEZ POOL REPAIRS | 103654-6130 Repair & Maint/Facilities | AP102616 | 186.50 | 116-3630 | | 00092545 | 10/27/2016 |
| MW OH | COMMERCIAL AQUATIC V005203 | JULY WHITTEN POOL CLEANING | 103654-6130 Repair & Maint/Facilities | AP102616 | 624.27 | 116-3680 | | 00092545 | 10/27/2016 |
| MW OH | COMMERCIAL AQUATIC V005203 | ADA POOL LIFT BATTERIES | 103654-6130 Repair & Maint/Facilities | AP102616 | 415.58 | 116-4026 | | 00092545 | 10/27/2016 |
| MW OH | COMMERCIAL AQUATIC V005203 | SEPT WHITTEN POOL CHEMICALS | 103654-6130 Repair & Maint/Facilities | AP102616 | 438.15 | 116-4908 | | 00092545 | 10/27/2016 |
| MW OH | COMMERCIAL AQUATIC V005203 | SEPT GOMEZ POOL CLEANING | 103654-6130 Repair & Maint/Facilities | AP102616 | 300.00 | 116-4930 | | 00092545 | 10/27/2016 |

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For 11/09/2016

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| MW OH | COMMERCIAL AQUATIC V005203 | SEPT WHITTEN POOL CLEANING | 103654-6130 Repair & Maint/Facilities | AP102616 | 320.91 | I16-4931 | | 00092545 | 10/27/2016 |
| MW OH | COMMERCIAL AQUATIC V005203 | SEPT GOMEZ POOL CHEMICALS | 103654-6130 Repair & Maint/Facilities | AP102616 | 395.12 | I16-5078 | | 00092545 | 10/27/2016 |
| | | Check Total: | | | 2,680.53 | | | | |
| MW OH | CREATIVE MANAGEMENT V004369 | SEPT CLASS/COMP SVS | 101512-6001 Management Consulting Services | AP102616 | 2,080.00 | 10152016 | | 00092546 | 10/27/2016 |
| | | Check Total: | | | 2,080.00 | | | | |
| MW OH | DATAQUIJK V000297 | SEPT PROPERTY DATA COLLECTION | 101523-6136 Software Maintenance | AP102616 | 130.50 | B1-2585957 | | 00092547 | 10/27/2016 |
| | | Check Total: | | | 130.50 | | | | |
| MW OH | DELGADILLO, PAULA V007518 | DEPOSIT REFUND - WHITTEN | 100000-4385 Facility Rental | AP102616 | 150.00 | 2001345.002 | | 00092548 | 10/27/2016 |
| | | Check Total: | | | 150.00 | | | | |
| MW OH | DUDEK & ASSOCIATES INC V004114 | AUG CONSULTING SVS | 333556-6017 / 61085-6017 Special Studies | AP102616 | 6,452.50 | 20164885 | P10952 | 00092549 | 10/27/2016 |
| | | Check Total: | | | 6,452.50 | | | | |
| MW OH | EVERBANK COMMERCIAL V009592 | OCT PRINTER MANAGEMENT SVS | 109595-6137 Repair Maint/Equipment | AP102616 | 2,022.33 | 4043255 | P10861 | 00092550 | 10/27/2016 |
| | | Check Total: | | | 2,022.33 | | | | |
| MW OH | FLORES, YVONNE V001318 | DEPOSIT REFUND - AGUIRRE | 100000-4385 Facility Rental | AP102616 | 100.00 | 2001344.002 | | 00092551 | 10/27/2016 |
| | | Check Total: | | | 100.00 | | | | |
| MW OH | GRYPHON FITNESS V008543 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | AP102616 | 455.00 | FALL 2016 | | 00092552 | 10/27/2016 |
| | | Check Total: | | | 455.00 | | | | |
| MW OH | HDL SOFTWARE V007926 | B/L SOFTWARE USER FEE | 101523-6136 Software Maintenance | AP102616 | 8,321.93 | 0010507-IN | P10950 | 00092553 | 10/27/2016 |
| | | Check Total: | | | 8,321.93 | | | | |

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|-------|-------------------------------|--------------------------|--|----------|---------------------|------------------|--------|----------|------------|
| MW OH | HR GREEN INC V007928 | AUG ENGINEERING SVS | 0044-2048 / 45050-2048 Engineering Plan Check Deposit | AP102616 | 1,200.00 | 107144 | | 00092554 | 10/27/2016 |
| MW OH | HR GREEN INC V007928 | AUG ENGINEERING SVS | 333552-6185 / 61059-6185 Construction Services | AP102616 | 1,050.00 | 107144 | | 00092554 | 10/27/2016 |
| MW OH | HR GREEN INC V007928 | AUG CITY ENGINEERING SVS | 103550-6015 Engineering Services | AP102616 | 500.00 | 107144 | P10907 | 00092554 | 10/27/2016 |
| MW OH | HR GREEN INC V007928 | AUG CITY ENGINEERING SVS | 484356-6015 Engineering Services | AP102616 | 13,150.00 | 107144 | P10907 | 00092554 | 10/27/2016 |
| | | | | | Check Total: | 15,900.00 | | | |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP102616 | 118.65 | 2737090-01 | | 00092555 | 10/27/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP102616 | 145.81 | 2740173-01 | | 00092555 | 10/27/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP102616 | 501.29 | 2752559-00 | | 00092555 | 10/27/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP102616 | 496.95 | 2755930-00 | | 00092555 | 10/27/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 333552-6185 / 61127-6185 Construction Services | AP102616 | 1,910.18 | 2755950-00 | | 00092555 | 10/27/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP102616 | 601.66 | 2758418-00 | | 00092555 | 10/27/2016 |
| | | | | | Check Total: | 3,774.54 | | | |
| MW OH | JONES & MAYER V009822 | SEPT LEGAL SERVICES | 101005-6005 / 10044-6005 Legal Services | AP102616 | 2,671.50 | 79396 | | 00092556 | 10/27/2016 |
| MW OH | JONES & MAYER V009822 | SEPT LEGAL SERVICES | 101005-6005 / 10044-6005 Legal Services | AP102616 | 16,321.50 | 79399 | | 00092556 | 10/27/2016 |
| MW OH | JONES & MAYER V009822 | SEPT LEGAL SERVICES | 101005-6005 / 10044-6005 Legal Services | AP102616 | 939.90 | 79400 | | 00092556 | 10/27/2016 |
| | | | | | Check Total: | 19,932.90 | | | |
| MW OH | KIDZ LOVE SOCCER | FALL INSTRUCTOR PAYMENT | 104071-6060 | AP102616 | 2,822.80 | FALL 2016 | | 00092557 | 10/27/2016 |

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| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Check # | Check Date |
|-------|--------------------------------|-------------------------------|--|--------------------------|-----------------------|------------|--------|----------|------------|
| | V008469 | | Instructional Services | | | | | | |
| MW OH | LUH, BING V009574 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | Check Total: AP102616 | 2,822.80 169.20 | FALL 2016 | | 00092558 | 10/27/2016 |
| MW OH | MANAGED HEALTH V008122 | NOV EAP SERVICES | 395083-5161 Health Insurance Premiums | Check Total: AP102616 | 169.20 308.20 | 3200084462 | | 00092559 | 10/27/2016 |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | Check Total: AP102616 | 308.20 92.25 | 83192 | | 00092560 | 10/27/2016 |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | AP102616 | 433.36 | 83193 | | 00092560 | 10/27/2016 |
| MW OH | MC FADDEN-DALE V000635 | FLEX CONN ADAPTER | 103654-6301 Special Department Supplies | Check Total: AP102616 | 525.61 21.06 | 260102/5 | | 00092561 | 10/27/2016 |
| MW OH | MERCHANTS LANDSCAPE V010092 | SEPT LANDSCAPE MAINT - LIBRAR | Y0010-1220 Accts Rec/Plac Library Dist | Check Total: AP102616 | 21.06 1,452.49 | 48587 | P10863 | 00092562 | 10/27/2016 |
| MW OH | MERCHANTS LANDSCAPE V010092 | SEPT LANDSCAPE MAINT - LMD | 296561-6115 Landscaping | AP102616 | 8,724.28 | 48587 | P10863 | 00092562 | 10/27/2016 |
| MW OH | MERCHANTS LANDSCAPE V010092 | DEFICENCY DEDUCTION | 103655-6115 Landscaping | AP102616 | -400.00 | 48587 | P10863 | 00092562 | 10/27/2016 |
| MW OH | MERCHANTS LANDSCAPE V010092 | SEPT LANDSCAPE MAINT | 103655-6115 Landscaping | AP102616 | 34,171.68 | 48587 | P10863 | 00092562 | 10/27/2016 |
| MW OH | MUNITEMPS V009595 | 10/3-13 FINANCE MANAGER SVS | 102020-6099 Professional Services | Check Total: AP102616 | 43,948.45 8,625.00 | 126820 | P10872 | 00092563 | 10/27/2016 |
| MW OH | NICKEY PETROLEUM | GASOLINE | 103658-6345 | Check Total: AP102616 | 8,625.00 22,432.42 | 326813 | P10917 | 00092564 | 10/27/2016 |

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| | V000696 | | Gasoline & Diesel Fuel | | | | | | |
| MW OH | OC PLUMBING V004312 | CLEAN VAQUEROS SEWER LINE | 103655-6290 Dept. Contract Services | AP102616 | 22,432.42 | 199.50 17097 | | 00092565 | 10/27/2016 |
| | | | | Check Total: | 199.50 | | | | |
| MW OH | OSTS INC V009790 | DEFENSIVE DRIVER TRAINING | 101512-6250 Staff Training | AP102616 | 650.00 | 44869 | | 00092566 | 10/27/2016 |
| | | | | Check Total: | 650.00 | | | | |
| MW OH | PLACENTIA 120 LLC V010164 | SEPT PD CAR WASHES | 103658-6134 Vehicle Repair & Maintenance | AP102616 | 753.50 | 120C02 | | 00092567 | 10/27/2016 |
| MW OH | PLACENTIA 120 LLC V010164 | SEPT CITY CAR WASHES | 103658-6134 Vehicle Repair & Maintenance | AP102616 | 100.93 | 120C02 | | 00092567 | 10/27/2016 |
| | | | | Check Total: | 854.43 | | | | |
| MW OH | PLACENTIA YORBA LINDA V000794 | PRINTING SERVICES | 101512-6315 Office Supplies | AP102616 | 351.00 | 710207 | | 00092568 | 10/27/2016 |
| MW OH | PLACENTIA YORBA LINDA V000794 | PRINTING SERVICES | 103040-6230 Printing & Binding | AP102616 | 456.30 | 710207 | | 00092568 | 10/27/2016 |
| | | | | Check Total: | 807.30 | | | | |
| MW OH | PRINCIPAL FINANCIAL V000844 | OCT LIFE INSURANCE PREMIUMS | 395083-5163 Life Insurance Premiums | AP102616 | 402.45 | 124129620000-00 | | 00092569 | 10/27/2016 |
| MW OH | PRINCIPAL FINANCIAL V000844 | OCT LIFE INSURANCE PREMIUMS | 101511-5163 Life Insurance Premiums | AP102616 | 69.83 | 124129620000-00 | | 00092569 | 10/27/2016 |
| MW OH | PRINCIPAL FINANCIAL V000844 | OCT LIFE INSURANCE PREMIUMS | 101512-5163 Life Insurance Premiums | AP102616 | 126.23 | 124129620000-00 | | 00092569 | 10/27/2016 |
| | | | | Check Total: | 598.51 | | | | |
| MW OH | PROCURE AMERICA V009591 | JULY-SEPT UTILITY SAVINGS | 109595-6330 Electricity | AP102616 | 10,235.77 | 9-1608U | P10867 | 00092570 | 10/27/2016 |
| | | | | Check Total: | 10,235.77 | | | | |
| MW OH | SA AQUATICS | SEPT FOUNTAIN MAINT | 0010-1220 | AP102616 | 142.50 | 204472 | | 00092571 | 10/27/2016 |

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| | V002842 | | Accts Rec/Plac Library Dist | | | | | | |
| MW OH | SA AQUATICS V002842 | SEPT FOUNTAIN MAINT | 103654-6290 Dept. Contract Services | AP102616 | 142.50 | 204472 | | 00092571 | 10/27/2016 |
| | | | Check Total: | | 285.00 | | | | |
| MW OH | SECOND HARVEST FOOD V005571 | AUG FOOD BANK SERVICES | 104071-6301 Special Department Supplies | AP102616 | 53.92 | 360734 | | 00092572 | 10/27/2016 |
| MW OH | SECOND HARVEST FOOD V005571 | SEPT FOOD BANK SERVICES | 104071-6301 Special Department Supplies | AP102616 | 62.40 | 363530 | | 00092572 | 10/27/2016 |
| | | | Check Total: | | 116.32 | | | | |
| MW OH | SIGN MART PLASTICS V010187 | HERITAGE BANNERS | 0044-2067 / 79392-2067 Heritage Committee | AP102616 | 251.10 | 10151564 | | 00092573 | 10/27/2016 |
| | | | Check Total: | | 251.10 | | | | |
| MW OH | STATE OF CALIFORNIA V000184 | JULY-SEPT STRONG MOTION FEES | 0044-2035 Strong Motion Fees/Non-Res | AP102616 | 237.40 | 070116-093016 | | 00092574 | 10/27/2016 |
| MW OH | STATE OF CALIFORNIA V000184 | JULY-SEPT STRONG MOTION FEES | 0044-2030 Strong Motion Fees/Res. | AP102616 | 588.95 | 070116-093016 | | 00092574 | 10/27/2016 |
| MW OH | STATE OF CALIFORNIA V000184 | JULY-SEPT STRONG MOTION FEES | 100000-4364 Sanitation Collect Fees | AP102616 | -41.32 | 070116-093016 | | 00092574 | 10/27/2016 |
| | | | Check Total: | | 785.03 | | | | |
| MW OH | THE SAUCE CREATIVE V010105 | HERITAGE BANNERS | 0044-2067 / 79392-2067 Heritage Committee | AP102616 | 567.01 | 1169 | | 00092575 | 10/27/2016 |
| | | | Check Total: | | 567.01 | | | | |
| MW OH | TIME WARNER CABLE V004450 | 10/22-11/21 10MB CHARGES | 109595-6215 Telephone | AP102616 | 1,230.95 | 47700 NOV 16 | | 00092576 | 10/27/2016 |
| MW OH | TIME WARNER CABLE V004450 | 10/22-11/21 CABLE CHARGES | 109595-6215 Telephone | AP102616 | 313.62 | 52862 NOV 16 | | 00092576 | 10/27/2016 |
| MW OH | TIME WARNER CABLE V004450 | 10/22-11/21 PW YARD CABLE | 109595-6215 Telephone | AP102616 | 106.37 | 71383 NOV 16 | | 00092576 | 10/27/2016 |
| | | | Check Total: | | 1,650.94 | | | | |

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| MW OH | TODD, LARRY V002103 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | AP102616 | 1,470.00 | FALL 2016 | | 00092577 | 10/27/2016 |
| MW OH | TRAFFIC MANAGEMENT V008463 | STRIPING TIP | 103652-6301 Special Department Supplies | Check Total: AP102616 | 1,470.00 64.15 | 315438 | | 00092578 | 10/27/2016 |
| MW OH | TRAFFIC MANAGEMENT V008463 | STREET PAINT | 103652-6301 Special Department Supplies | AP102616 | 512.46 | 315764 | | 00092578 | 10/27/2016 |
| MW OH | TURBO DATA SYSTEMS INC V001238 | SEPT PRK CITATION PROCESSING | 103047-6290 Dept. Contract Services | Check Total: AP102616 | 576.61 2,092.85 | 25016 | P10876 | 00092579 | 10/27/2016 |
| MW OH | VARENHORST, ANN V009439 | EXCURSION REFUND | 100000-4340 / 79506-4340 Recreation Programs | Check Total: AP102616 | 2,092.85 240.00 | 2001342.002 | | 00092580 | 10/27/2016 |
| MW OH | WELLS FARGO VENDOR FIN V010076 | DEC COPIER LEASE PMT | 109595-6175 Office Equipment Rental | Check Total: AP102616 | 240.00 259.22 | 65723070 | | 00092581 | 10/27/2016 |
| MW OH | WEST COAST ARBORISTS INC V001124 | 1-15 TREE MAINTENANCE | 103652-6116 Tree Maintenance | Check Total: AP102616 | 259.22 223.00 | 119518 | P10893 | 00092582 | 10/27/2016 |
| MW OH | WEX BANK V007269 | 9/23-10/19 PD GAS CARD CHARGE | 103658-6345 Gasoline & Diesel Fuel | Check Total: AP102616 | 223.00 699.46 | 47330741 | | 00092583 | 10/27/2016 |
| MW OH | WONG, JAMIE V008829 | PERS TRAINING MILEAGE | 102020-6245 Meetings & Conferences | Check Total: AP102616 | 699.46 108.92 | 102616 | | 00092584 | 10/27/2016 |
| MW OH | YANES, MICHAEL V010185 | DEPOSIT REFUND - WHITTEN | 100000-4385 Facility Rental | Check Total: AP102616 | 108.92 150.00 | 2001340.002 | | 00092585 | 10/27/2016 |
| | | | | Check Total: | 150.00 | | | | |

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| MW OH | CALIFORNIA STATE V004813 | P/E 10/22/16 PD DATE 10/28/16 | 0010-2196 Garnishments W/H | PY16022 | 941.53 | 2700/1601022 | | 00092586 | 10/31/2016 |
| MW OH | CALIFORNIA STATE V004813 | P/E 10/22/16 PD DATE 10/28/16 | 0037-2196 Garnishments W/H | PY16022 | 46.15 | 2700/1601022 | | 00092586 | 10/31/2016 |
| MW OH | CALIFORNIA STATE V004813 | P/E 10/22/16 PD DATE 10/28/16 | 0029-2196 Garnishments W/H | PY16022 | 22.50 | 2700/1601022 | | 00092586 | 10/31/2016 |
| MW OH | CALIFORNIA STATE V004813 | P/E 10/22/16 PD DATE 10/28/16 | 0048-2196 Garnishments W/H | PY16022 | 137.88 | 2700/1601022 | | 00092586 | 10/31/2016 |
| Check Total: | | | | | 1,148.06 | | | | |
| MW OH | FRANCHISE TAX BOARD V000404 | P/E 10/22/16 PD DATE 10/28/16 | 0029-2196 Garnishments W/H | PY16022 | 5.26 | 2710/1601022 | | 00092587 | 10/31/2016 |
| MW OH | FRANCHISE TAX BOARD V000404 | P/E 10/22/16 PD DATE 10/28/16 | 0010-2196 Garnishments W/H | PY16022 | 49.48 | 2710/1601022 | | 00092587 | 10/31/2016 |
| MW OH | FRANCHISE TAX BOARD V000404 | P/E 10/22/16 PD DATE 10/28/16 | 0048-2196 Garnishments W/H | PY16022 | 5.26 | 2710/1601022 | | 00092587 | 10/31/2016 |
| Check Total: | | | | | 60.00 | | | | |
| MW OH | ORANGE COUNTY V000699 | P/E 10/22/16 PD DATE 10/28/16 | 0048-2176 PCEA/OCEA Assoc Dues | PY16022 | 24.06 | 2610/1601022 | | 00092588 | 10/31/2016 |
| MW OH | ORANGE COUNTY V000699 | P/E 10/22/16 PD DATE 10/28/16 | 0037-2176 PCEA/OCEA Assoc Dues | PY16022 | 0.96 | 2610/1601022 | | 00092588 | 10/31/2016 |
| MW OH | ORANGE COUNTY V000699 | P/E 10/22/16 PD DATE 10/28/16 | 0029-2176 PCEA/OCEA Assoc Dues | PY16022 | 7.58 | 2610/1601022 | | 00092588 | 10/31/2016 |
| MW OH | ORANGE COUNTY V000699 | P/E 10/22/16 PD DATE 10/28/16 | 0010-2176 PCEA/OCEA Assoc Dues | PY16022 | 294.48 | 2610/1601022 | | 00092588 | 10/31/2016 |
| Check Total: | | | | | 327.08 | | | | |
| MW OH | PCEA C/O NORTH ORANGE V000679 | P/E 10/22/16 PD DATE 10/28/16 | 0010-2176 PCEA/OCEA Assoc Dues | PY16022 | 30.61 | 2615/1601022 | | 00092589 | 10/31/2016 |
| MW OH | PCEA C/O NORTH ORANGE V000679 | P/E 10/22/16 PD DATE 10/28/16 | 0037-2176 PCEA/OCEA Assoc Dues | PY16022 | 0.10 | 2615/1601022 | | 00092589 | 10/31/2016 |
| MW OH | PCEA C/O NORTH ORANGE V000679 | P/E 10/22/16 PD DATE 10/28/16 | 0048-2176 PCEA/OCEA Assoc Dues | PY16022 | 2.50 | 2615/1601022 | | 00092589 | 10/31/2016 |

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| MW OH | PCEA C/O NORTH ORANGE V000679 | 00E 10/22/16 PD DATE 10/28/16 | PCEA/OCEA Assoc Dues | PY16022 | 0.79 | 2615/1601022 | | 00092589 | 10/31/2016 |
| MW OH | PLACENTIA POLICE V000839 | P/E 10/22/16 PD DATE 10/28/16 | Police Mgmt Assn Dues | Check Total: PY16022 | 34.00 942.52 | 2625/1601022 | | 00092590 | 10/31/2016 |
| MW OH | PLACENTIA POLICE V003519 | P/E 10/22/16 PD DATE 10/28/16 | Placentia Police Assoc Dues | Check Total: PY16022 | 942.52 2,990.17 | 2620/1601022 | | 00092591 | 10/31/2016 |
| MW OH | VANTAGEPOINT TRANSFER V007191 | P/E 10/22/16 PD DATE 10/28/16 | Deferred Comp Payable - ICMA | Check Total: PY16022 | 2,990.17 149.90 | 2606/1601022 | | 00092592 | 10/31/2016 |
| MW OH | VANTAGEPOINT TRANSFER V007191 | P/E 10/22/16 PD DATE 10/28/16 | Deferred Comp Payable - ICMA | PY16022 | 2,731.87 | 2606/1601022 | | 00092592 | 10/31/2016 |
| MW OH | VANTAGEPOINT TRANSFER V007191 | P/E 10/22/16 PD DATE 10/28/16 | Deferred Comp Payable - ICMA | PY16022 | 17.06 | 2606/1601022 | | 00092592 | 10/31/2016 |
| MW OH | VANTAGEPOINT TRANSFER V007191 | P/E 10/22/16 PD DATE 10/28/16 | Deferred Comp Payable - ICMA | PY16022 | 107.53 | 2606/1601022 | | 00092592 | 10/31/2016 |
| MW OH | ALL CITY MANAGEMENT V000005 | 8/28-9/10 CROSSING GUARD SVS | Dept. Contract Services | Check Total: AP110316 | 3,006.36 2,420.60 | 44776 | P10941 | 00092593 | 11/03/2016 |
| MW OH | ALL CITY MANAGEMENT V000005 | 9/11-24 CROSSING GUARD SVS | Dept. Contract Services | AP110316 | 3,025.75 | 45129 | P10941 | 00092593 | 11/03/2016 |
| MW OH | ALL CITY MANAGEMENT V000005 | 9/25-10/8 CROSSING GUARD SVS | Dept. Contract Services | AP110316 | 3,025.75 | 45308 | P10941 | 00092593 | 11/03/2016 |
| MW OH | ANTHEM LIFE INSURANCE V000046 | NOV LIFE INSURANCE | Life Ins Allocation | Check Total: AP110316 | 8,472.10 5.00 | 11216A | | 00092594 | 11/03/2016 |
| | | | | Check Total: | 5.00 | | | | |

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| MW OH | ARAMARK UNIFORM V004232 | PW UNIFORMS | 103650-6360 Uniforms | AP110316 | 203.63 | 531941215 | | 00092595 | 11/03/2016 |
| MW OH | ARAMARK UNIFORM V004232 | FACILITY MAT CLEANING | 103654-6301 Special Department Supplies | AP110316 | 252.91 | 531941216 | | 00092595 | 11/03/2016 |
| | | | | Check Total: | 456.54 | | | | |
| MW OH | BICKMORE RISK SERVICES V006943 | OPEB ACTUARIAL VALUATION RPT | 102020-6099 Professional Services | AP110316 | 8,000.00 | BRS-0014305 | | 00092596 | 11/03/2016 |
| | | | | Check Total: | 8,000.00 | | | | |
| MW OH | CALIFORNIA FORENSIC V000232 | JULY BLOOD DRAWS | 103040-6055 Medical Services | AP110316 | 834.00 | 07.27.16 | P10940 | 00092597 | 11/03/2016 |
| MW OH | CALIFORNIA FORENSIC V000232 | AUG BLOOD DRAWS | 103040-6055 Medical Services | AP110316 | 1,876.50 | 08.31.16 | P10940 | 00092597 | 11/03/2016 |
| MW OH | CALIFORNIA FORENSIC V000232 | SEPT BLOOD DRAWS | 103040-6055 Medical Services | AP110316 | 1,668.00 | 09.29.16 | P10940 | 00092597 | 11/03/2016 |
| | | | | Check Total: | 4,378.50 | | | | |
| MW OH | CALMAT CO. V010007 | ASPHALT | 103652-6301 Special Department Supplies | AP110316 | 374.07 | 71276773 | | 00092598 | 11/03/2016 |
| MW OH | CALMAT CO. V010007 | ASPHALT | 103652-6301 Special Department Supplies | AP110316 | 297.69 | 71276774 | | 00092598 | 11/03/2016 |
| | | | | Check Total: | 671.76 | | | | |
| MW OH | CARDENAS, JOEL V002648 | NOV MONTHLY EXPENSES | 296561-5001 Salaries/Full-Time Regular | AP110316 | 5.00 | NOVEMBER 16 | | 00092599 | 11/03/2016 |
| MW OH | CARDENAS, JOEL V002648 | NOV MONTHLY EXPENSES | 484376-5001 Salaries/Full-Time Regular | AP110316 | 25.00 | NOVEMBER 16 | | 00092599 | 11/03/2016 |
| MW OH | CARDENAS, JOEL V002648 | NOV MONTHLY EXPENSES | 103650-5001 Salaries/Full-Time Regular | AP110316 | 20.00 | NOVEMBER 16 | | 00092599 | 11/03/2016 |
| | | | | Check Total: | 50.00 | | | | |
| MW OH | CDCE INC V009479 | REPAIR DOCK PIN | 103041-6301 / 50040-6301 Special Department Supplies | AP110316 | 83.50 | 131394 | | 00092600 | 11/03/2016 |

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| MW OH | CHRISTIANSON, GENIE V010190 | EXCURSION REFUND | 100000-4340 / 79506-4340 Recreation Programs | Check Total: AP110316 | 83.50 | 2001348.002 | | 00092601 | 11/03/2016 |
| MW OH | CITY OF BREA V000125 | SWAT TRUCK REPAIRS | 103041-6301 Special Department Supplies | Check Total: AP110316 | 96.00 | PSCS000050 | | 00092602 | 11/03/2016 |
| MW OH | CITY OF BREA V000125 | FY 16/17 ILJAOC AGENCY FEES - | 103043-6099 Professional Services | AP110316 | 3,814.00 | LAW0000059 | P10939 | 00092602 | 11/03/2016 |
| MW OH | CITY OF BREA V000125 | FY 16/17 ILJAOC AGENCY FEES | 103043-6099 Professional Services | AP110316 | 11,061.00 | LAW0000059 | P10939 | 00092602 | 11/03/2016 |
| MW OH | CLEARNS INC V009845 | CLEARNS MEMBERSHIP - MARTINEZ | 103043-6255 Dues & Memberships | Check Total: AP110316 | 15,920.97 | 102616 | | 00092603 | 11/03/2016 |
| MW OH | COPWARE INC V000172 | 2017 CALIFORNIA CODES | 103040-6320 Books & Periodicals | Check Total: AP110316 | 50.00 | 83587 | | 00092604 | 11/03/2016 |
| MW OH | COUNTY OF ORANGE V007152 | JULY-SEPT 800 MHZ FIXED COSTS | 103043-6137 Repair Maint/Equipment | Check Total: AP110316 | 550.00 | SC09862 | P10890 | 00092605 | 11/03/2016 |
| MW OH | CRON & ASSOC V001603 | TRANSCRIPTION SERVICES | 103042-6290 Dept. Contract Services | Check Total: AP110316 | 4,353.80 | 4694 | | 00092606 | 11/03/2016 |
| MW OH | DATA TICKET INC. V006119 | SEPT CODE ENFORCEMENT | 103046-6290 Dept. Contract Services | Check Total: AP110316 | 972.00 | 73758 | P10878 | 00092607 | 11/03/2016 |
| MW OH | DEPARTMENT OF JUSTICE V000213 | SEPT LIVESCAN PROCESSING | 101512-6099 Professional Services | Check Total: AP110316 | 1,055.00 | 192225 | | 00092608 | 11/03/2016 |
| MW OH | DEPARTMENT OF JUSTICE | SEPT LIVESCAN PROCESSING | 0044-2054 | AP110316 | 136.00 | 192225 | | 00092608 | 11/03/2016 |

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| | V000213 | | FBI Livescan | | | | | |
| MW OH | DEPARTMENT OF JUSTICE | SEPT LIVESCAN PROCESSING | 0044-2053 | AP110316 | 454.00 192225 | | 00092608 | 11/03/2016 |
| | V000213 | | DOJ Livescan | | | | | |
| | | | Check Total: | | 784.00 | | | |
| MW OH | DIAMOND ENVIRONMENTAL | HERITAGE RESTROOM RENTALS | 0044-2067 / 79392-2067 | AP110316 | 2,224.80 850796 | | 00092609 | 11/03/2016 |
| | V004152 | | Heritage Committee | | | | | |
| | | | Check Total: | | 2,224.80 | | | |
| MW OH | DOG SERVICES UNLIMITED | FALL INSTRUCTOR PAYMENT | 104071-6060 | AP110316 | 534.00 FALL 2016 | | 00092610 | 11/03/2016 |
| | V002335 | | Instructional Services | | | | | |
| | | | Check Total: | | 534.00 | | | |
| MW OH | DUDEK & ASSOCIATES INC | 7/30-8/26 CONSULTING SVS | 333556-6017 / 61028-6017 | AP110316 | 2,635.00 20164883 | P10953 | 00092611 | 11/03/2016 |
| | V004114 | | Special Studies | | | | | |
| | | | Check Total: | | 2,635.00 | | | |
| MW OH | EMPIRE MEDIA | HERITAGE MEDIA SERVICES | 0044-2067 / 79392-2067 | AP110316 | 743.50 PLA-16-010 | | 00092612 | 11/03/2016 |
| | V005067 | | Heritage Committee | | | | | |
| MW OH | EMPIRE MEDIA | HERITAGE PHOTO EQUIP RENTAL | 0044-2067 / 79392-2067 | AP110316 | 425.00 PLA-16-010 | | 00092612 | 11/03/2016 |
| | V005067 | | Heritage Committee | | | | | |
| MW OH | EMPIRE MEDIA | OCT MEDIA PRODUCTION SERVICES | 581573-6099 | AP110316 | 4,219.50 PLA-16-010 | P10887 | 00092612 | 11/03/2016 |
| | V005067 | | Professional Services | | | | | |
| | | | Check Total: | | 5,388.00 | | | |
| MW OH | ENTENMANN-ROVIN CO | FLAT BADGE - MARTINEZ | 103041-6301 | AP110316 | 155.45 01421801-IN | | 00092613 | 11/03/2016 |
| | V000342 | | Special Department Supplies | | | | | |
| | | | Check Total: | | 155.45 | | | |
| MW OH | ESTEVEZ, LUIS | NOV MONTHLY EXPENSES | 103550-5001 | AP110316 | 27.50 NOVEMBER 16 | | 00092614 | 11/03/2016 |
| | V009891 | | Salaries/Full-Time Regular | | | | | |
| MW OH | ESTEVEZ, LUIS | NOV MONTHLY EXPENSES | 103652-5001 | AP110316 | 5.00 NOVEMBER 16 | | 00092614 | 11/03/2016 |
| | V009891 | | Salaries/Full-Time Regular | | | | | |
| MW OH | ESTEVEZ, LUIS | NOV MONTHLY EXPENSES | 484356-5001 | AP110316 | 12.50 NOVEMBER 16 | | 00092614 | 11/03/2016 |
| | V009891 | | Salaries/Full-Time Regular | | | | | |

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| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Check # | Check Date |
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| MW OH | ESTEVEZ, LUIS V009891 | NOV MONTHLY EXPENSES | 374386-5001 Salaries/Full-Time Regular | AP110316 | 5.00 | NOVEMBER 16 | | 00092614 | 11/03/2016 |
| MW OH | FEDEX V000394 | SHIPPING CHARGES | 101512-6325 Postage | Check Total: AP110316 | 50.00 | | | 00092615 | 11/03/2016 |
| MW OH | GARY L KUSUNOKI V004347 | OCT HEARINGS | 103047-6290 Dept. Contract Services | Check Total: AP110316 | 19.59 | 1362 | | 00092616 | 11/03/2016 |
| MW OH | GAS CO, THE V000909 | SEPT-OCT GAS CHARGES | 109595-6340 Natural Gas | Check Total: AP110316 | 100.00 | | | 00092617 | 11/03/2016 |
| MW OH | GOLDEN STATE WATER V000928 | AUG-OCT WATER CHARGES | 296561-6335 Water | Check Total: AP110316 | 550.48 | 101816 | | 00092618 | 11/03/2016 |
| MW OH | GOLDEN STATE WATER V000928 | AUG-OCT WATER CHARGES | 109595-6335 Water | Check Total: AP110316 | 32,033.24 | 101816 | | 00092618 | 11/03/2016 |
| MW OH | GOLDEN STATE WATER V000928 | AUG-OCT WATER CHARGES | 109595-6335 / 61138-6335 Water | Check Total: AP110316 | 634.86 | 101816 | | 00092618 | 11/03/2016 |
| MW OH | GRAF, MARILYN V009793 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | Check Total: AP110316 | 41,681.71 | | | 00092619 | 11/03/2016 |
| MW OH | HALO CONFIDENTIAL V008544 | OCT PD TRAINING MGMT | 103040-6290 Dept. Contract Services | Check Total: AP110316 | 1,076.40 | 0070 | P10877 | 00092620 | 11/03/2016 |
| MW OH | HENDRICKSON, ERIC V007376 | NOV MONTHLY EXPENSES | 102020-5001 Salaries/Full-Time Regular | Check Total: AP110316 | 3,868.75 | | | 00092621 | 11/03/2016 |
| MW OH | HR GREEN INC | 5/2-7/20 ENGINEERING SVS | 333531-6017 / 61019-6017 | Check Total: AP110316 | 50.00 | NOVEMBER 16 | | 00092622 | 11/03/2016 |
| | | | | | 50.00 | 2,450.00 106614 | P10951 | | |

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| | V007928 | | Special Studies | | | | | | |
| MW OH | ICMA RETIREMENT TRUST V010029 | DEFERRED P/E 10/22 PD 10/28 | 0029-2170 Deferred Comp Payable - ICMA | AP110316 | 2,450.00 40.00 | 103116H | | 00092623 | 11/03/2016 |
| MW OH | ICMA RETIREMENT TRUST V010029 | DEFERRED P/E 10/22 PD 10/28 | 0048-2170 Deferred Comp Payable - ICMA | AP110316 | 40.00 | 103116H | | 00092623 | 11/03/2016 |
| MW OH | ICMA RETIREMENT TRUST V010029 | DEFERRED P/E 10/22 PD 10/28 | 0010-2170 Deferred Comp Payable - ICMA | AP110316 | 1,081.00 | 103116H | | 00092623 | 11/03/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 333552-6185 / 61127-6185 Construction Services | AP110316 | 1,161.00 106.58 | 2762681-00 | | 00092624 | 11/03/2016 |
| MW OH | INTERNAL CONTROL V000504 | OCT PRE EMPLOYMENT POLYGRAPH | 03040-6099 Professional Services | AP110316 | 106.58 280.00 | 10928 | | 00092625 | 11/03/2016 |
| MW OH | JOHN L HUNTER & V009056 | SEPT NPDES CONSULTING SVS | 103550-6015 Engineering Services | AP110316 | 280.00 3,423.00 | PLANP0916 | P10901 | 00092626 | 11/03/2016 |
| MW OH | KENNICUTT, JULIE V009725 | NOV MONTHLY EXPENSES | 103042-5001 Salaries/Full-Time Regular | AP110316 | 3,423.00 50.00 | NOVEMBER 16 | | 00092627 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103043-6360 / 50080-6360 Uniforms | AP110316 | 50.00 400.60 | 26845 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103043-6360 / 50080-6360 Uniforms | AP110316 | 64.79 | 27312 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103046-6360 / 50142-6360 Uniforms | AP110316 | 105.20 | 27414 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103041-6360 / 50040-6360 Uniforms | AP110316 | 412.51 | 27679 | | 00092628 | 11/03/2016 |

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| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103047-6360 / 50045-6360 Uniforms | AP110316 | 233.25 | 27680 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103040-6360 / 50040-6360 Uniforms | AP110316 | 115.55 | 27700 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103047-6360 / 50045-6360 Uniforms | AP110316 | 344.49 | 27716 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103046-6360 / 50142-6360 Uniforms | AP110316 | 219.20 | 28219 | | 00092628 | 11/03/2016 |
| MW OH | KEYSTONE UNIFORMS V009178 | PD UNIFORMS | 103047-6360 / 50045-6360 Uniforms | AP110316 | 113.39 | 28229 | | 00092628 | 11/03/2016 |
| | | | | | Check Total: | 2,008.98 | | | |
| MW OH | KLASSEN, KELLY V010191 | CLASS REFUND | 100000-4340 / 79348-4340 Recreation Programs | AP110316 | 120.00 | 2001355.002 | | 00092629 | 11/03/2016 |
| | | | | | Check Total: | 120.00 | | | |
| MW OH | KNOWLES-MCNIFF INC V000558 | OCT SOFTWARE MAINT | 101523-6136 Software Maintenance | AP110316 | 897.75 | INV90894 | | 00092630 | 11/03/2016 |
| | | | | | Check Total: | 897.75 | | | |
| MW OH | LEGAL SHIELD V008104 | OCT LEGAL SERVICES | 0037-2192 Police Legal Services | AP110316 | 2.48 | 110216 | | 00092631 | 11/03/2016 |
| MW OH | LEGAL SHIELD V008104 | OCT LEGAL SERVICES | 0029-2192 Police Legal Services | AP110316 | 5.99 | 110216 | | 00092631 | 11/03/2016 |
| MW OH | LEGAL SHIELD V008104 | OCT LEGAL SERVICES | 0010-2192 Police Legal Services | AP110316 | 273.95 | 110216 | | 00092631 | 11/03/2016 |
| MW OH | LEGAL SHIELD V008104 | OCT LEGAL SERVICES | 0048-2192 Police Legal Services | AP110316 | 25.43 | 110216 | | 00092631 | 11/03/2016 |
| | | | | | Check Total: | 307.85 | | | |
| MW OH | MAILFINANCE V008685 | POSTAGE MACHINE LEASE PMT | 109595-6175 Office Equipment Rental | AP110316 | 1,174.59 | H6200732 | | 00092632 | 11/03/2016 |
| | | | | | Check Total: | 1,174.59 | | | |

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| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | AP110316 | 1,619.47 | 83327 | | 00092633 | 11/03/2016 |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | AP110316 | 875.80 | 83380 | | 00092633 | 11/03/2016 |
| | | | Check Total: | | 2,495.27 | | | | |
| MW OH | MC FADDEN-DALE V000635 | TOILET AUGER | 103655-6301 Special Department Supplies | AP110316 | 15.11 | 260578/5 | | 00092634 | 11/03/2016 |
| MW OH | MOTO UNITED V009743 | MOTORCYCLE REPAIRS | 103658-6290 Dept. Contract Services | AP110316 | 180.00 | 4133 | | 00092635 | 11/03/2016 |
| | | | Check Total: | | 15.11 | | | | |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 103040-6315 Office Supplies | AP110316 | 550.55 | 58101 | P10882 | 00092636 | 11/03/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 103040-6315 Office Supplies | AP110316 | 179.65 | 58246 | P10882 | 00092636 | 11/03/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 103040-6315 Office Supplies | AP110316 | 52.96 | 58267 | P10882 | 00092636 | 11/03/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 103040-6315 Office Supplies | AP110316 | 12.82 | B58246-1 | P10882 | 00092636 | 11/03/2016 |
| | | | Check Total: | | 795.98 | | | | |
| MW OH | ONE STOP PARTS SOURCE V007231 | MOTOR OIL | 103658-6301 Special Department Supplies | AP110316 | 67.00 | 624349 | | 00092637 | 11/03/2016 |
| MW OH | ORANGE COUNTY V007306 | JULY-SEPT ANIMAL CARE SVS | 103045-6280 Animal Control Services | AP110316 | 43,652.00 | AC1790012 | P10916 | 00092638 | 11/03/2016 |
| | | | Check Total: | | 67.00 | | | | |
| MW OH | ORTEGA, JEANETTE V007724 | NOV MONTHLY EXPENSES | 102534-5001 Salaries/Full-Time Regular | AP110316 | 50.00 | NOVEMBER 16 | | 00092639 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | | |

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| MW OH | ORTIZ, VERONICA V004409 | NOV MONTHLY EXPENSES | 104071-5001 Salaries/Full-Time Regular | AP110316 | 50.00 | NOVEMBER 16 | | 00092640 | 11/03/2016 |
| MW OH | PAK WEST PAPER & V000815 | JANITORIAL SUPPLIES | 103654-6130 Repair & Maint/Facilities | Check Total: AP110316 | 50.00 | | | | |
| MW OH | PARKHOUSE TIRE INC V004472 | TIRES | 103658-6134 Vehicle Repair & Maintenance | Check Total: AP110316 | 1,608.51 | | | | |
| MW OH | PARKHOUSE TIRE INC V004472 | TIRES | 103658-6134 Vehicle Repair & Maintenance | AP110316 | 2,310.52 | 1020171449 | | 00092642 | 11/03/2016 |
| MW OH | PASCARELLA, RICHARD V002546 | NOV MONTHLY EXPENSES | 103040-5001 Salaries/Full-Time Regular | Check Total: AP110316 | 2,730.10 | | | | |
| MW OH | PATEL, SAGAR V009980 | CESA CONF MILEAGE | 101514-6245 Meetings & Conferences | Check Total: AP110316 | 50.00 | | | | |
| MW OH | PDR DISTRIBUTION V000813 | 2017 PDR BOOKS | 103040-6320 Books & Periodicals | Check Total: AP110316 | 103.42 | | | | |
| MW OH | PETE'S ROAD SERVICE INC V000767 | MCV TIRE REPLACEMENT | 213041-6840 Machinery & Equipment | Check Total: AP110316 | 249.29 | | | | |
| MW OH | PLACENTIA CITY OF V000778 | DENTAL CLAIMS | 395083-5130 Dental Claim | Check Total: AP110316 | 3,249.83 | | | | |
| MW OH | PLACENTIA, CITY OF V000782 | WORKER'S COMP CLAIMS | 404580-5165 Workers' Compensation Claims | Check Total: AP110316 | 10,580.40 | | | | |
| | | | | Check Total: | 78,692.04 | | | | |

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| MW OH | PLINSKI, DIXIE V004799 | CLASS REFUND | 100000-4340 / 79348-4340 Recreation Programs | AP110316 | 59.00 | 2001305.002 | | 00092649 | 11/03/2016 |
| MW OH | PLINSKI, DIXIE V004799 | CLASS REFUND | 100000-4340 / 79348-4340 Recreation Programs | AP110316 | 59.00 | 2001353.002 | | 00092649 | 11/03/2016 |
| | | | Check Total: | | 118.00 | | | | |
| MW OH | POINT, ERIC V002831 | NOV MONTHLY EXPENSES | 103041-5001 Salaries/Full-Time Regular | AP110316 | 50.00 | NOVEMBER 16 | | 00092650 | 11/03/2016 |
| MW OH | PROCURE AMERICA V009591 | NOV PRINTER MANAGEMENT SVS | 109595-6137 Repair Maint/Equipment | AP110316 | 400.42 | 11-1618 | P10867 | 00092651 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | | |
| MW OH | PSYCHOLOGICAL V009259 | OCT PRE EMPLOYMENT EVAL | 103040-6099 Professional Services | AP110316 | 400.00 | 522204 | | 00092652 | 11/03/2016 |
| | | | Check Total: | | 400.42 | | | | |
| MW OH | RAGGED ROBIN RANCH INC V009274 | INC10/29 BILLBOARD PLANNING SVS | 102531-6099 / 45057-6099 Professional Services | AP110316 | 120.00 | CR102916A | | 00092653 | 11/03/2016 |
| MW OH | RAGGED ROBIN RANCH INC V009274 | INC10/17-27 PLANNING SERVICES | 102531-6290 Dept. Contract Services | AP110316 | 5,280.00 | CR102916 | P10864 | 00092653 | 11/03/2016 |
| MW OH | RAGGED ROBIN RANCH INC V009274 | INC10/17-26 PLANNING TECH SVS | 102531-6290 Dept. Contract Services | AP110316 | 2,200.00 | CR102916 | P10864 | 00092653 | 11/03/2016 |
| | | | Check Total: | | 7,600.00 | | | | |
| MW OH | RAMIREZ, ROSANNA V009800 | NOV MONTHLY EXPENSES | 101513-5001 Salaries/Full-Time Regular | AP110316 | 50.00 | NOVEMBER 16 | | 00092654 | 11/03/2016 |
| MW OH | REYNOLDS, MATT V002521 | NOV MONTHLY EXPENSES | 102020-5001 Salaries/Full-Time Regular | AP110316 | 50.00 | NOVEMBER 16 | | 00092655 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | | |
| MW OH | RODRIGUEZ, IVETTE V009933 | NOV MONTHLY EXPENSES | 484356-5001 Salaries/Full-Time Regular | AP110316 | 12.50 | NOVEMBER 16 | | 00092656 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | | |

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| MW OH | RODRIGUEZ, IVETTE V009933 | NOV MONTHLY EXPENSES | 104070-5001 Salaries/Full-Time Regular | AP110316 | 12.50 | NOVEMBER 16 | | 00092656 | 11/03/2016 |
| MW OH | RODRIGUEZ, IVETTE V009933 | NOV MONTHLY EXPENSES | 103650-5001 Salaries/Full-Time Regular | AP110316 | 25.00 | NOVEMBER 16 | | 00092656 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | | |
| MW OH | SAMURAI ACADEMY V009171 | FALL INSTRUCTOR PAYMENT | 104071-6060 Instructional Services | AP110316 | 244.40 | FALL 2016 | | 00092657 | 11/03/2016 |
| | | | Check Total: | | 244.40 | | | | |
| MW OH | SANDILAND, STACIE V010192 | CLASS REFUND | 100000-4340 / 79348-4340 Recreation Programs | AP110316 | 55.00 | 2001350.002 | | 00092658 | 11/03/2016 |
| | | | Check Total: | | 55.00 | | | | |
| MW OH | SCIENTIA CONSULTING V005617 | OCT MDC MAINTENANCE SVS | 103043-6099 Professional Services | AP110316 | 1,254.00 | 7912 | P10880 | 00092659 | 11/03/2016 |
| | | | Check Total: | | 1,254.00 | | | | |
| MW OH | SIEMENS INDUSTRY INC V008785 | EMERGENCY SIGNAL REPAIRS | 103652-6099 Professional Services | AP110316 | 2,960.45 | 5620013165 | | 00092660 | 11/03/2016 |
| | | | Check Total: | | 2,960.45 | | | | |
| MW OH | SILVER & WRIGHT LLP V009853 | SEPT LEGAL SERVICES | 101005-6299 / 45055-6299 Other Purchased Services | AP110316 | 2,018.58 | 21332 | | 00092661 | 11/03/2016 |
| | | | Check Total: | | 2,018.58 | | | | |
| MW OH | SIMMONS, PETER V007953 | YAMAHA LOUDSPEAKER SYSTEM | 0044-2063 Placentia Community Chorus | AP110316 | 149.99 | 2383320 | | 00092662 | 11/03/2016 |
| | | | Check Total: | | 149.99 | | | | |
| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 0010-1232 Accts Rec/City of Anaheim | AP110316 | 28.37 | 102916 | | 00092663 | 11/03/2016 |
| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 109595-6330 / 61139-6330 Electricity | AP110316 | 416.76 | 102916 | | 00092663 | 11/03/2016 |
| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 0010-1220 Accts Rec/Plac Library Dist | AP110316 | 4,696.78 | 102916 | | 00092663 | 11/03/2016 |

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| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 0010-1224 AR/City of Fullerton | AP110316 | 125.44 | 102916 | | 00092663 | 11/03/2016 |
| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 296561-6330 Electricity | AP110316 | 125.13 | 102916 | | 00092663 | 11/03/2016 |
| MW OH | SOUTHERN CALIFORNIA V000910 | SEPT-OCT ELECTRICAL CHARGES | 109595-6330 Electricity | AP110316 | 15,849.54 | 102916 | | 00092663 | 11/03/2016 |
| Check Total: | | | | | 21,242.02 | | | | |
| MW OH | THE SAUCE CREATIVE V007476 | BASKETBALL FLYERS | 104071-6230 / 79376-6230 Printing & Binding | AP110316 | 318.61 | 1158 | | 00092664 | 11/03/2016 |
| MW OH | THE SAUCE CREATIVE V007476 | HERITAGE BANNERS | 0044-2067 / 79392-2067 Heritage Committee | AP110316 | 567.01 | 1169 | | 00092664 | 11/03/2016 |
| Check Total: | | | | | 885.62 | | | | |
| MW OH | TIME WARNER CABLE V004450 | 11/2-12/1 PD CABLE CHARGES | 109595-6215 Telephone | AP110316 | 121.27 | 21042 NOV 16 | | 00092665 | 11/03/2016 |
| MW OH | TIME WARNER CABLE V004450 | 10/1-11/30 10MB FIBER CHARGES | 109595-6215 Telephone | AP110316 | 2,777.21 | 35200 OCT/NOV | | 00092665 | 11/03/2016 |
| Check Total: | | | | | 2,898.48 | | | | |
| MW OH | TRANSUNION RISK & V009317 | OCT DATABASE TRANSACTIONS | 103040-6290 Dept. Contract Services | AP110316 | 113.00 | 110116 | | 00092666 | 11/03/2016 |
| Check Total: | | | | | 113.00 | | | | |
| MW OH | US BANK NATIONAL V010025 | 2009 LEASE REVENUE BOND | 0010-1150 Cash w/Fiscal Agent | AP110316 | 115,598.56 | 120116 | | 00092667 | 11/03/2016 |
| Check Total: | | | | | 115,598.56 | | | | |
| MW OH | US BANK PARS #6746022400 V008781 | PARS/ARS P/E 10/22 PD 10/28 | 0010-2131 Employer PARS/ARS Payable | AP110316 | 1,148.69 | 103116I | | 00092668 | 11/03/2016 |
| MW OH | US BANK PARS #6746022400 V008781 | PARS/ARS P/E 10/22 PD 10/28 | 0037-2131 Employer PARS/ARS Payable | AP110316 | 2.14 | 103116I | | 00092668 | 11/03/2016 |
| MW OH | US BANK PARS #6746022400 V008781 | PARS/ARS P/E 10/22 PD 10/28 | 0010-2126 Employee PARS/ARS W/H | AP110316 | 1,148.69 | 103116I | | 00092668 | 11/03/2016 |

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| MW OH | US BANK PARS #6746022400 V008781 | PARS/ARS P/E 10/22 PD 10/28 | 0037-2126 Employee PARS/ARS W/H | AP110316 | 2.14 | 1031161 | | 00092668 | 11/03/2016 |
| MW OH | VERA, SANDRA V009293 | NOV MONTHLY EXPENSES | 101512-5001 Salaries/Full-Time Regular | Check Total: AP110316 | 2,301.66 50.00 | NOVEMBER 16 | | 00092669 | 11/03/2016 |
| MW OH | VERIZON WIRELESS V008735 | 9/21-10/20 PD AIRCARDS | 109595-6215 Telephone | Check Total: AP110316 | 50.00 1,437.97 | 9773995306 | | 00092670 | 11/03/2016 |
| MW OH | VERIZON WIRELESS V008735 | 9/21-10/20 CA IPAD CHARGES | 109595-6215 Telephone | AP110316 | 38.01 | 9773995307 | | 00092670 | 11/03/2016 |
| MW OH | VERIZON WIRELESS V008735 | 9/21-10/20 COUNCIL IPAD CHARGE | 109595-6215 Telephone | AP110316 | 106.92 | 9773995308 | | 00092670 | 11/03/2016 |
| MW OH | VERIZON WIRELESS V008735 | 9/21-10/20 GRADE SEP GIG USAGE | 109595-6215 Telephone | AP110316 | 38.01 | 9774000714 | | 00092670 | 11/03/2016 |
| MW OH | WAXIE SANITARY SUPPLY V001132 | JANITORIAL SUPPLIES | 103654-6130 Repair & Maint/Facilities | Check Total: AP110316 | 1,620.91 885.25 | 76296716 | | 00092671 | 11/03/2016 |
| MW OH | WELLS FARGO BANK NA V010035 | 2011 GAS TAX BOND | 0052-1150 Cash w/Fiscal Agent | Check Total: AP110316 | 885.25 122,470.12 | 12116 | | 00092672 | 11/03/2016 |
| MW OH | WEST COAST LIGHTS & SIRENSTALL V006106 | K9 SYSTEM | 103041-6301 Special Department Supplies | Check Total: AP110316 | 122,470.12 366.20 | 13937 | | 00092673 | 11/03/2016 |
| MW OH | WESTERN TRANSIT V008280 | JUL SR CENTER TRANSPORTATION | 184071-6401 / 79538-6401 Community Programs | Check Total: AP110316 | 366.20 3,998.94 | 2.2595 | P10957 | 00092674 | 11/03/2016 |
| MW OH | WESTERN TRANSIT V008280 | JUL FARMERS MKT | 104075-6401 / 79538-6401 Community Programs | AP110316 | 1,122.00 | 2.2602 | P10957 | 00092674 | 11/03/2016 |
| MW OH | WESTERN TRANSIT | AUG SR CENTER TRANSPORTATION | 184071-6401 / 79538-6401 | AP110316 | 4,491.96 | 2.2610 | P10957 | 00092674 | 11/03/2016 |

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| | V008280 | | Community Programs | | | | | |
| MW OH | WESTERN TRANSIT V008280 | AUG FARMERS MKT | 104075-6401 / 79538-6401 Community Programs | AP110316 | 1,402.50 2.2617 | P10957 | 00092674 | 11/03/2016 |
| | | | Check Total: | | 11,015.40 | | | |
| MW OH | WONG, JAMIE V008829 | NOV MONTHLY EXPENSES | 102020-5001 Salaries/Full-Time Regular | AP110316 | 50.00 NOVEMBER 16 | | 00092675 | 11/03/2016 |
| | | | Check Total: | | 50.00 | | | |
| MW OH | YORBA LINDA WATER V001148 | SEPT-OCT WATER CHARGES | 109595-6335 Water | AP110316 | 3,521.66 101716 | | 00092676 | 11/03/2016 |
| | | | Check Total: | | 3,521.66 | | | |
| MW OH | YORBA LINDA WATER V006633 | OCT SEWER CHARGES | 484356-6297 Billing Services | AP110316 | 347.60 196181 | | 00092677 | 11/03/2016 |
| | | | Check Total: | | 347.60 | | | |
| MW OH | YORBA REGIONAL ANIMAL K9 CARE FOR ACE V008472 | | 103041-6301 Special Department Supplies | AP110316 | 144.00 1229004 | | 00092678 | 11/03/2016 |
| MW OH | YORBA REGIONAL ANIMAL K9 CARE FOR ACE V008472 | | 103041-6301 Special Department Supplies | AP110316 | 273.50 1235793 | | 00092678 | 11/03/2016 |
| MW OH | YORBA REGIONAL ANIMAL K9 CARE FOR KYRA V008472 | | 103041-6301 Special Department Supplies | AP110316 | 413.28 1236522 | | 00092678 | 11/03/2016 |
| | | | Check Total: | | 830.78 | | | |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 174325 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 174334 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 174342 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 177432 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 177433 | P10874 | 00092679 | 11/09/2016 |

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| | V006631 | | Towing Services | | | | | | |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 180115 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 180127 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 180168 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 180190 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 184904 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 184908 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 184924 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 184973 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 184974 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 184977 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 184979 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 185110 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 185122 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 185608 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 185614 | P10874 | 00092679 | 11/09/2016 |

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| | V006631 | | Towing Services | | | | | | |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 187738 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 188600 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 188803 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 188824 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 188828 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 188831 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 188832 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 188842 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 189253 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189403 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189414 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189420 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | JULY TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189438 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 189668 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189684 | P10874 | 00092679 | 11/09/2016 |

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| | V006631 | | Towing Services | | | | | | |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 90.75 | 189691 | P10874 | 00092679 | 11/09/2016 |
| MW OH | ANAHEIM FULLERTON V006631 | AUGUST TOWING SERVICES | 103047-6181 Towing Services | AP110916 | 165.00 | 189757 | P10874 | 00092679 | 11/09/2016 |
| | | | Check Total: | | 5,065.50 | | | | |
| MW OH | ARAMARK UNIFORM V004232 | FACILITY MAT CLEANING | 103654-6301 Special Department Supplies | AP110916 | 153.71 | 1958475 | | 00092681 | 11/09/2016 |
| MW OH | ARAMARK UNIFORM V004232 | PW UNIFORMS | 103650-6360 Uniforms | AP110916 | 203.63 | 531958474 | | 00092681 | 11/09/2016 |
| | | | Check Total: | | 357.34 | | | | |
| MW OH | AT & T V008736 | NOV POWELL BLDG INTERNET | 109595-6215 Telephone | AP110916 | 70.00 | NOVEMBER 16 | | 00092682 | 11/09/2016 |
| MW OH | AT & T V008736 | NOV PD YARD INTERNET | 109595-6215 Telephone | AP110916 | 50.81 | NOVEMBER PD | | 00092682 | 11/09/2016 |
| | | | Check Total: | | 120.81 | | | | |
| MW OH | BEARD ELECTRIC V004055 | MELROSE PUMP STATION MAINT | 103654-6130 Repair & Maint/Facilities | AP110916 | 1,192.50 | 50023 | | 00092683 | 11/09/2016 |
| | | | Check Total: | | 1,192.50 | | | | |
| MW OH | BISHOP CO V000107 | MECHANICS GLOVES | 103658-6301 Special Department Supplies | AP110916 | 428.08 | 410329 | | 00092684 | 11/09/2016 |
| | | | Check Total: | | 428.08 | | | | |
| MW OH | CALMAT CO. V010007 | ASPHALT | 103652-6301 Special Department Supplies | AP110916 | 342.71 | 71282949 | | 00092685 | 11/09/2016 |
| MW OH | CALMAT CO. V010007 | ASPHALT | 103652-6301 Special Department Supplies | AP110916 | 344.91 | 71282950 | | 00092685 | 11/09/2016 |
| | | | Check Total: | | 687.62 | | | | |
| MW OH | CANON FINANCIAL SERVICES V008867 | NOV COPIER LEASE | 109595-6175 Office Equipment Rental | AP110916 | 30.17 | 16648992 | | 00092686 | 11/09/2016 |

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| MW OH | CANON FINANCIAL SERVICES V008867 | COPIER LEASE | 109595-6175 Office Equipment Rental | AP110916 | 482.63 | 16648993 | | 00092686 | 11/09/2016 |
| | | | Check Total: | | 512.80 | | | | |
| MW OH | CANON SOLUTIONS AMERICOV V008809 | COPIER USAGE | 109595-6175 Office Equipment Rental | AP110916 | 23.96 | 4020586528 | | 00092687 | 11/09/2016 |
| | | | Check Total: | | 23.96 | | | | |
| MW OH | CLEAR CHOICE LIEN SALES OCT LIEN SERVICES V005847 | | 103047-6182 Lien Services | AP110916 | 62.50 | 225A | P10911 | 00092688 | 11/09/2016 |
| MW OH | CLEAR CHOICE LIEN SALES OCT CSUF PD LIEN SERVICES V005847 | | 103047-6182 Lien Services | AP110916 | 12.50 | 225B | P10911 | 00092688 | 11/09/2016 |
| MW OH | CLEAR CHOICE LIEN SALES OCT LIEN SERVICES V005847 | | 103047-6182 Lien Services | AP110916 | 50.00 | 230B | P10911 | 00092688 | 11/09/2016 |
| MW OH | CLEAR CHOICE LIEN SALES OCT LIEN SERVICES V005847 | | 103047-6182 Lien Services | AP110916 | 50.00 | 3576 | P10911 | 00092688 | 11/09/2016 |
| MW OH | CLEAR CHOICE LIEN SALES OCT LIEN SERVICES V005847 | | 103047-6182 Lien Services | AP110916 | 7.50 | 7228 | P10911 | 00092688 | 11/09/2016 |
| | | | Check Total: | | 182.50 | | | | |
| MW OH | COUNTY OF ORANGE V007152 | OCT-DEC 800 MHZ COSTS | 103043-6137 Repair Maint/Equipment | AP110916 | 7,006.00 | SC09906 | P10889 | 00092689 | 11/09/2016 |
| | | | Check Total: | | 7,006.00 | | | | |
| MW OH | D & D SERVICES INC. V007321 | OCT-DEC ANIMAL DISPOSAL SVS | 103045-6280 Animal Control Services | AP110916 | 735.00 | 37553 | | 00092690 | 11/09/2016 |
| | | | Check Total: | | 735.00 | | | | |
| MW OH | FAIRWAY FORD V000376 | VEHICLE REPAIRS | 103658-6134 Vehicle Repair & Maintenance | AP110916 | 755.80 | C06688 | | 00092691 | 11/09/2016 |
| | | | Check Total: | | 755.80 | | | | |
| MW OH | GASTELUM, ART M V009741 | PROPERTY TAXES 120 S. BRADFORD | 109595-6410 Property Taxes | AP110916 | 3,176.72 | 00032 | | 00092692 | 11/09/2016 |
| | | | Check Total: | | 3,176.72 | | | | |

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| MW OH | HDL COREN & CONE V001564 | OCT-DEC PROPERTY TAX SVS | 102020-6099 Professional Services | AP110916 | 3,465.00 | 0023322-IN | | 00092693 | 11/09/2016 |
| MW OH | HI-WAY SAFETY RENTALS V000459 | STREET SIGNS | 103652-6310 Street Signs | Check Total: AP110916 | 3,465.00 | | | 00092694 | 11/09/2016 |
| MW OH | HONEYWELL V001388 | A/C REPAIRS | 103654-6130 Repair & Maint/Facilities | Check Total: AP110916 | 1,128.38 | | | 00092695 | 11/09/2016 |
| MW OH | HONEYWELL V001388 | A/C REPAIRS | 103654-6130 Repair & Maint/Facilities | AP110916 | 849.09 | 5238090428 | | 00092695 | 11/09/2016 |
| MW OH | HONEYWELL V001388 | A/C REPAIRS | 103654-6130 Repair & Maint/Facilities | AP110916 | 908.15 | 5238090429 | | 00092695 | 11/09/2016 |
| MW OH | HONEYWELL V001388 | A/C REPAIRS | 103654-6130 Repair & Maint/Facilities | AP110916 | 3,686.81 | 5237995289 | P10956 | 00092695 | 11/09/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 333552-6185 / 61127-6185 Construction Services | Check Total: AP110916 | 5,444.05 | | | 00092696 | 11/09/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP110916 | 246.24 | 2762681-01 | | 00092696 | 11/09/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP110916 | 207.90 | 2768719-00 | | 00092696 | 11/09/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 103655-6301 Special Department Supplies | AP110916 | 180.98 | 2771150-00 | | 00092696 | 11/09/2016 |
| MW OH | IMPERIAL SPRINKLER V006506 | IRRIGATION SUPPLIES | 333552-6185 / 61127-6185 Construction Services | AP110916 | 130.05 | 2772495-00 | | 00092696 | 11/09/2016 |
| MW OH | LAWSON PRODUCTS V000579 | CONCRETE PITCH | 103658-6301 Special Department Supplies | Check Total: AP110916 | 765.17 | | | 00092697 | 11/09/2016 |
| MW OH | LAWSON PRODUCTS V000579 | SHOP RAGS | 103658-6301 Special Department Supplies | AP110916 | 219.82 | 9304478558 | | 00092697 | 11/09/2016 |
| MW OH | LAWSON PRODUCTS V000579 | VEHICLE LAMP BULBS | 103658-6134 Vehicle Repair & Maintenance | AP110916 | 365.84 | 9304493598 | | 00092697 | 11/09/2016 |
| | | | | Check Total: | 1,043.71 | | | | |

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| MW OH | LOMA VISTA NURSERY V000595 | PLANTS & FLOWERS | 103655-6301 Special Department Supplies | AP110916 | 165.24 | 163380 | | 00092698 | 11/09/2016 |
| MW OH | LOMA VISTA NURSERY V000595 | PLANTS & FLOWERS | 333552-6185 / 61127-6185 Construction Services | AP110916 | 49.14 | 163381 | | 00092698 | 11/09/2016 |
| MW OH | LOMA VISTA NURSERY V000595 | PLANTS & FLOWERS | 103655-6301 Special Department Supplies | AP110916 | 129.60 | 163388 | | 00092698 | 11/09/2016 |
| Check Total: | | | | | 343.98 | | | | |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | AP110916 | 1,268.75 | 83490 | | 00092699 | 11/09/2016 |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE MAINT | 103658-6290 Dept. Contract Services | AP110916 | 1,074.73 | 83537 | | 00092699 | 11/09/2016 |
| MW OH | MANAGED MOBILE INC V009496 | VEHICLE REPAIRS | 103658-6290 Dept. Contract Services | AP110916 | 741.32 | 83617 | | 00092699 | 11/09/2016 |
| Check Total: | | | | | 3,084.80 | | | | |
| MW OH | MC ELHINNEY, JAMES V003620 | FALL TUITION REIMBURSEMENT | 109595-5150 Tuition Reimbursement | AP110916 | 3,095.60 | 08042016 | | 00092700 | 11/09/2016 |
| MW OH | MC FADDEN-DALE V000635 | CAR FUSE SET | 103658-6134 Vehicle Repair & Maintenance | AP110916 | 68.58 | 262003/5 | | 00092701 | 11/09/2016 |
| Check Total: | | | | | 3,095.60 | | | | |
| MW OH | MONJARAS & WISMeyer V009860 | ERGONOMIC EVALUATION | 404580-5165 Workers' Compensation Claims | AP110916 | 456.86 | 14439 | | 00092702 | 11/09/2016 |
| MW OH | MUNITEMPS V009595 | 10/17-27 FINANCE MANAGER SVS | 102020-6099 Professional Services | AP110916 | 9,200.00 | 126847 | P10872 | 00092703 | 11/09/2016 |
| Check Total: | | | | | 456.86 | | | | |
| MW OH | OC PLUMBING V004312 | VAQUEROS PARK PLUMBING SVS | 103655-6290 Dept. Contract Services | AP110916 | 199.50 | 17109 | | 00092704 | 11/09/2016 |
| Check Total: | | | | | 9,200.00 | | | | |
| Check Total: | | | | | 199.50 | | | | |

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| MW OH | OFFICE INDUSTRIES V007477 | RECYCLED PAPER | 109595-6315 Office Supplies | AP110916 | 223.24 | 58167 | | 00092705 | 11/09/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 101513-6315 Office Supplies | AP110916 | 26.16 | 58252 | | 00092705 | 11/09/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | RECYCLED PAPER | 109595-6315 Office Supplies | AP110916 | 133.94 | 58265 | | 00092705 | 11/09/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 103650-6315 Office Supplies | AP110916 | 33.45 | 58281 | | 00092705 | 11/09/2016 |
| MW OH | OFFICE INDUSTRIES V007477 | OFFICE SUPPLIES | 102020-6315 Office Supplies | AP110916 | 45.85 | 58310 | | 00092705 | 11/09/2016 |
| MW OH | ONE STOP PARTS SOURCE V007231 | CNG ENGINE OIL | 103658-6301 Special Department Supplies | Check Total: AP110916 | 462.64 50.16 | 625950 | | 00092706 | 11/09/2016 |
| MW OH | ORANGE COUNTY V007306 | OCT PARKING CITATIONS | 0044-2038 Parking Fines | Check Total: AP110916 | 50.16 9,900.00 | 110216 | | 00092707 | 11/09/2016 |
| MW OH | PERMECO V004459 | VET MONUMENT ENGRAVING SVS | 101511-6301 Special Department Supplies | Check Total: AP110916 | 9,900.00 475.00 | 125011 | | 00092708 | 11/09/2016 |
| MW OH | POWERSTRIDE BATTERY COBATTERIES V000785 | BATTERY COBATTERIES | 103658-6134 Vehicle Repair & Maintenance | Check Total: AP110916 | 475.00 171.51 | C 540935 | | 00092709 | 11/09/2016 |
| MW OH | POWERSTRIDE BATTERY COBATTERIES V000785 | BATTERY COBATTERIES | 103658-6134 Vehicle Repair & Maintenance | AP110916 | 171.51 | C 540945 | | 00092709 | 11/09/2016 |
| MW OH | POWERSTRIDE BATTERY COBATTERIES V000785 | BATTERY COBATTERIES | 103658-6134 Vehicle Repair & Maintenance | AP110916 | 94.73 | C 63783 | | 00092709 | 11/09/2016 |
| MW OH | SECO ELECTRIC & LIGHTING V010182 | LIGHTING UPGRADER | 03655-6130 Repair & Maint/Facilities | Check Total: AP110916 | 437.75 2,969.47 | 3503 | P10947 | 00092710 | 11/09/2016 |

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| MW OH | SPRINT V006533 | 9/26-10/25 PD RELAY SVS | 109595-6215 Telephone | AP110916 | 37.99 313574471-060 | | 00092711 | 11/09/2016 |
| Check Total: | | | | | 2,969.47 | | | |
| MW OH | T-MOBILE V004339 | OCT CELL PHONE CHARGES | 109595-6215 Telephone | AP110916 | 1,253.53 OCTOBER 16 | | 00092712 | 11/09/2016 |
| Check Total: | | | | | 37.99 | | | |
| MW OH | T-MOBILE V004339 | OCT PD CELL PHONE CHARGES | 109595-6215 Telephone | AP110916 | 660.01 OCTOBER PD | | 00092712 | 11/09/2016 |
| Check Total: | | | | | 1,913.54 | | | |
| MW OH | TEAM ONE MANAGEMENT V010070 | OCT PARK RESTROOM JANITOR SVS | 103655-6115 Landscaping | AP110916 | 4,337.50 6 | P10888 | 00092713 | 11/09/2016 |
| Check Total: | | | | | 4,337.50 | | | |
| MW OH | TRAFFIC MANAGEMENT V008463 | PW SUPPLIES | 103652-6301 Special Department Supplies | AP110916 | 95.63 318023 | | 00092714 | 11/09/2016 |
| Check Total: | | | | | 95.63 | | | |
| MW OH | TRILLIUM CNG (1720) V007952 | JULY CNG FUEL | 103658-6345 Gasoline & Diesel Fuel | AP110916 | 14.77 1611012022 | | 00092715 | 11/09/2016 |
| Check Total: | | | | | 24.57 | | | |
| MW OH | TRILLIUM CNG (1720) V007952 | OCT CNG FUEL | 103658-6345 Gasoline & Diesel Fuel | AP110916 | 161142022 | | 00092715 | 11/09/2016 |
| Check Total: | | | | | 39.34 | | | |
| MW OH | VISTA PAINT CORP V001091 | LINELAZER | 103654-6130 Repair & Maint/Facilities | AP110916 | 64.78 2016-094142-00 | | 00092716 | 11/09/2016 |
| Check Total: | | | | | 64.78 | | | |
| MW OH | WAXIE SANITARY SUPPLY V001132 | FACILITY SUPPLIES | 103654-6301 Special Department Supplies | AP110916 | 54.26 76312804 | | 00092717 | 11/09/2016 |
| Check Total: | | | | | 54.26 | | | |
| Type Total: | | | | | 830,901.05 | | | |
| Check Total: | | | | | 830,901.05 | | | |

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| Type | Vendor Name/ID | Description | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Ref # | Ref Date |
|------|----------------------------------|-------------------------------|-------------------------------|---|-----------|---------------------|------------------|------|----------|------------|
| EP | ICMA RETIREMENT TRUST V000496 | P/E 10/22/16 PD DATE 10/28/16 | P/E 10/22/16 PD DATE 10/28/16 | 0010-2170 Deferred Comp Payable - ICMA | PY16022 | 11,957.68 | 2995/1601022 | | 00008725 | 10/31/2016 |
| EP | ICMA RETIREMENT TRUST V000496 | P/E 10/22/16 PD DATE 10/28/16 | P/E 10/22/16 PD DATE 10/28/16 | 0029-2170 Deferred Comp Payable - ICMA | PY16022 | 88.37 | 2995/1601022 | | 00008725 | 10/31/2016 |
| EP | ICMA RETIREMENT TRUST V000496 | P/E 10/22/16 PD DATE 10/28/16 | P/E 10/22/16 PD DATE 10/28/16 | 0048-2170 Deferred Comp Payable - ICMA | PY16022 | 291.75 | 2995/1601022 | | 00008725 | 10/31/2016 |
| EP | ICMA RETIREMENT TRUST V000496 | P/E 10/22/16 PD DATE 10/28/16 | P/E 10/22/16 PD DATE 10/28/16 | 0037-2170 Deferred Comp Payable - ICMA | PY16022 | 7.50 | 2995/1601022 | | 00008725 | 10/31/2016 |
| | | | | | | Check Total: | 12,345.30 | | | |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/8 PD 10/14 | VOL/FLEX P/E 10/8 PD 10/14 | 0037-2188 Health Care SSA | ACH110116 | 6.72 | 1017160 | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/8 PD 10/14 | VOL/FLEX P/E 10/8 PD 10/14 | 0010-2155 Per Sec Plan - Opt. Life | ACH110116 | 42.90 | 1017160 | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/8 PD 10/14 | VOL/FLEX P/E 10/8 PD 10/14 | 0010-2188 Health Care SSA | ACH110116 | 696.22 | 1017160 | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/8 PD 10/14 | VOL/FLEX P/E 10/8 PD 10/14 | 395000-2187 Voluntary Plan Life | ACH110116 | 463.96 | 1017160 | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/8 PD 10/14 | VOL/FLEX P/E 10/8 PD 10/14 | 0048-2188 Health Care SSA | ACH110116 | 0.96 | 1017160 | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/22 PD 10/28 | VOL/FLEX P/E 10/22 PD 10/28 | 0037-2188 Health Care SSA | ACH110116 | 6.96 | 103116N | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/22 PD 10/28 | VOL/FLEX P/E 10/22 PD 10/28 | 0010-2155 Per Sec Plan - Opt. Life | ACH110116 | 42.90 | 103116N | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/22 PD 10/28 | VOL/FLEX P/E 10/22 PD 10/28 | 0048-2188 Health Care SSA | ACH110116 | 1.08 | 103116N | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/22 PD 10/28 | VOL/FLEX P/E 10/22 PD 10/28 | 395000-2187 Voluntary Plan Life | ACH110116 | 463.96 | 103116N | | 00008726 | 11/01/2016 |
| EP | AMERICAN FIDELITY V010011 | VOL/FLEX P/E 10/22 PD 10/28 | VOL/FLEX P/E 10/22 PD 10/28 | 0010-2188 Health Care SSA | ACH110116 | 695.86 | 103116N | | 00008726 | 11/01/2016 |
| | | | | | | Check Total: | 2,421.52 | | | |

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| Type | Vendor Name/ID | Description | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Ref # | Ref Date |
|------|------------------------------|-------------|----------------|--|-----------|------------|----------|------|----------|------------|
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0010-2145 Employee PERS Payback W/H | ACH110116 | 148.81 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0010-2150 Survivor Benefit Package | ACH110116 | 102.80 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0010-2165 PERS Employer Payable | ACH110116 | 188.88 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0010-2195 PERS Uniform | ACH110116 | 26.93 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0010-2140 Employee PERS W/H | ACH110116 | 129,393.60 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0029-2140 Employee PERS W/H | ACH110116 | 619.83 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 395083-5145 Retirement PERS | ACH110116 | -66,512.93 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0029-2145 Employee PERS Payback W/H | ACH110116 | 7.30 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0029-2150 Survivor Benefit Package | ACH110116 | 1.07 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0029-2195 PERS Uniform | ACH110116 | 0.41 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0037-2140 Employee PERS W/H | ACH110116 | 317.11 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0037-2150 Survivor Benefit Package | ACH110116 | 0.28 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0037-2165 PERS Employer Payable | ACH110116 | 1.71 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0048-2140 Employee PERS W/H | ACH110116 | 2,487.98 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E | 10/22 PD 10/28 | 0048-2145 Employee PERS Payback W/H | ACH110116 | 7.30 | 1031160 | | 00008727 | 11/01/2016 |

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|---------------------|------------------------------|------------------------------|--|-----------|------------------|----------|------|----------|------------|
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/22 PD 10/28 | 0048-2150 Survivor Benefit Package | ACH110116 | 3.73 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/22 PD 10/28 | 0048-2165 PERS Employer Payable | ACH110116 | 7.78 | 1031160 | | 00008727 | 11/01/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/22 PD 10/28 | 0048-2195 PERS Uniform | ACH110116 | 1.31 | 1031160 | | 00008727 | 11/01/2016 |
| Check Total: | | | | | 66,803.90 | | | | |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/8 PD 10/14 | 0010-2135 Calif Income Tax W/H | ACH110116 | 15,644.19 | 101716N | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/8 PD 10/14 | 0029-2135 Calif Income Tax W/H | ACH110116 | 79.70 | 101716N | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/8 PD 10/14 | 0048-2135 Calif Income Tax W/H | ACH110116 | 379.98 | 101716N | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/8 PD 10/14 | 0037-2135 Calif Income Tax W/H | ACH110116 | 70.54 | 101716N | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/22 PD 10/28 | 0048-2135 Calif Income Tax W/H | ACH110116 | 295.54 | 103116M | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/22 PD 10/28 | 0010-2135 Calif Income Tax W/H | ACH110116 | 14,404.79 | 103116M | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/22 PD 10/28 | 0037-2135 Calif Income Tax W/H | ACH110116 | 47.03 | 103116M | | 00008728 | 11/01/2016 |
| EP | EMPLOYMENT V010052 | STATE TAX P/E 10/22 PD 10/28 | 0029-2135 Calif Income Tax W/H | ACH110116 | 71.56 | 103116M | | 00008728 | 11/01/2016 |
| Check Total: | | | | | 30,993.33 | | | | |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0029-2120 Employer Medicare Payable | ACH110116 | 40.15 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0010-2110 Federal Income Tax W/H | ACH110116 | 48,145.49 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0010-2115 Employee Medicare W/H | ACH110116 | 5,734.31 | 101716M | | 00008729 | 11/01/2016 |

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| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Ref # | Ref Date |
|------|-----------------------------|-------------------------------|--|-----------|----------|----------|------|----------|------------|
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0048-2120 Employer Medicare Payable | ACH110116 | 149.82 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0048-2115 Employee Medicare W/H | ACH110116 | 149.82 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0010-2120 Employer Medicare Payable | ACH110116 | 5,681.67 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0048-2110 Federal Income Tax W/H | ACH110116 | 1,247.57 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0010-2125 Employee Social Sec W/H | ACH110116 | 103.59 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0037-2120 Employer Medicare Payable | ACH110116 | 19.01 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0010-2130 Employer Soc Sec Payable | ACH110116 | 103.59 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0037-2115 Employee Medicare W/H | ACH110116 | 19.01 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0029-2110 Federal Income Tax W/H | ACH110116 | 280.76 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0037-2110 Federal Income Tax W/H | ACH110116 | 210.44 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/8 PD 10/14 | 0029-2115 Employee Medicare W/H | ACH110116 | 40.15 | 101716M | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | 0029-2120 Employer Medicare Payable | ACH110116 | 38.53 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | 0029-2115 Employee Medicare W/H | ACH110116 | 38.53 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | 0037-2110 Federal Income Tax W/H | ACH110116 | 145.04 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | 0029-2110 Federal Income Tax W/H | ACH110116 | 261.79 | 103116L | | 00008729 | 11/01/2016 |

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| Type | Vendor Name/ID | Description | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Ref # | Ref Date |
|---------------------|------------------------------|-------------------------------|-------------------------------|--|-----------|-------------------|----------|------|----------|------------|
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0037-2115 Employee Medicare W/H | ACH110116 | 20.01 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0010-2110 Federal Income Tax W/H | ACH110116 | 44,681.86 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0010-2130 Employer Soc Sec Payable | ACH110116 | 108.28 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0048-2120 Employer Medicare Payable | ACH110116 | 145.96 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0037-2120 Employer Medicare Payable | ACH110116 | 20.01 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0010-2125 Employee Social Sec W/H | ACH110116 | 108.28 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0048-2110 Federal Income Tax W/H | ACH110116 | 1,028.96 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0010-2120 Employer Medicare Payable | ACH110116 | 5,392.60 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0048-2115 Employee Medicare W/H | ACH110116 | 145.96 | 103116L | | 00008729 | 11/01/2016 |
| EP | INTERNAL REVENUE V010054 | FED/MED/SS P/E 10/22 PD 10/28 | FED/MED/SS P/E 10/22 PD 10/28 | 0010-2115 Employee Medicare W/H | ACH110116 | 5,445.24 | 103116L | | 00008729 | 11/01/2016 |
| Check Total: | | | | | | 119,506.43 | | | | |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/8 PD 10/14 | PERS P/E 10/8 PD 10/14 | 0010-2140 Employee PERS W/H | ACH110716 | 129,094.05 | 101816P | | 00008730 | 11/07/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/8 PD 10/14 | PERS P/E 10/8 PD 10/14 | 0010-2145 Employee PERS Payback W/H | ACH110716 | 150.43 | 101816P | | 00008730 | 11/07/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/8 PD 10/14 | PERS P/E 10/8 PD 10/14 | 395083-5145 Retirement PERS | ACH110716 | -66,036.15 | 101816P | | 00008730 | 11/07/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/8 PD 10/14 | PERS P/E 10/8 PD 10/14 | 0010-2150 Survivor Benefit Package | ACH110716 | 115.43 | 101816P | | 00008730 | 11/07/2016 |
| EP | CALIFORNIA PUBLIC V010053 | PERS P/E 10/8 PD 10/14 | PERS P/E 10/8 PD 10/14 | 0010-2165 | ACH110716 | 133.05 | 101816P | | 00008730 | 11/07/2016 |

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| Type | Vendor Name/ID | Description | Account/Description | Batch ID | Amount | Invoice# | PO # | Ref # | Ref Date |
|------|-------------------|------------------------|---------------------------|-----------|---------------------|-------------------|------|----------|------------|
| EP | V010053 | | PERS Employer Payable | | | | | | |
| | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0010-2195 | ACH110716 | 27.07 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | PERS Uniform | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0029-2140 | ACH110716 | 616.94 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Employee PERS W/H | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0029-2145 | ACH110716 | 6.49 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Employee PERS Payback W/H | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0029-2150 | ACH110716 | 0.94 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Survivor Benefit Package | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0029-2195 | ACH110716 | 0.35 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | PERS Uniform | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0037-2140 | ACH110716 | 312.95 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Employee PERS W/H | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0037-2150 | ACH110716 | 0.26 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Survivor Benefit Package | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0037-2165 | ACH110716 | 1.44 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | PERS Employer Payable | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0048-2140 | ACH110716 | 2,501.90 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Employee PERS W/H | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0048-2145 | ACH110716 | 6.49 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Employee PERS Payback W/H | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0048-2150 | ACH110716 | 3.39 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | Survivor Benefit Package | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0048-2165 | ACH110716 | 6.83 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | PERS Employer Payable | | | | | | |
| EP | CALIFORNIA PUBLIC | PERS P/E 10/8 PD 10/14 | 0048-2195 | ACH110716 | 1.23 | 101816P | | 00008730 | 11/07/2016 |
| | V010053 | | PERS Uniform | | | | | | |
| | | | | | Check Total: | 66,943.09 | | | |
| | | | | | Type Total: | 299,013.57 | | | |

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|------|----------------|-------------|---------------------|---------------------|-------------------|----------|------|-------|----------|
| | | | | Check Total: | 299,013.57 | | | | |



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL

VIA: CITY ADMINISTRATOR

FROM: DIRECTOR OF DEVELOPMENT SERVICES

DATE: NOVEMBER 15, 2016

SUBJECT: **STATE MANDATED ZONING CODE AMENDMENT NO. 2016-01, SECOND READING OF MODEL WATER EFFICIENT LANDSCAPE ORDINANCE**

FISCAL
IMPACT: No fiscal impacts are anticipated with this ordinance as all costs will be recovered through the plan check and inspection process.

SUMMARY:

On November 1, 2016, a public hearing was held to receive public comment on the proposed State mandated, updated Model Water Efficient Landscape (MWELO) Ordinance. No public comments were received and the City Council unanimously approved the first reading of the Ordinance. The recommended action will approve second reading and adoption of the ordinance, which will take effect December 16, 2016.

RECOMMENDATION:

It is recommended that the City Council take the following actions:

1. Find that the adoption of the ordinance is exempt from environmental review pursuant to Sections 15307 and 15061(b)(3) of the CEQA Guidelines, and direct Staff to file a Notice of Exemption; and
2. Waive full reading, by title only, and adopt Ordinance O-2016-06, An Ordinance of the City Council of the City of Placentia Repealing Chapter 23.77 of Title 23 of the Placentia Municipal Code Entitled "Xeriscape and Water Efficient Landscaping" and Replacing It with the State of California Model Water Efficient Landscaping Ordinance.

BACKGROUND:

The passage of Assembly Bill (AB) 1881 in 2006 required the State of California Department of Water Resources (DWR) to update the State's MWELO, which was originally established by AB 325 in 1990, although AB 325 was largely unenforced and ineffective. The City of Placentia originally adopted the Water Efficient Landscape Ordinance in 2009 in response to AB 1881.

Due to the prolonged drought conditions in the State of California, on April 1, 2015, Governor Jerry Brown issued Executive Order (EO) B-29-15 which resulted in updates to the State's

1.c.

November 15, 2016

MWELo, along with other requirements. The Executive Order also required that local agencies adopt updated ordinances to be effective by December 1, 2015 that are at least as effective as the State MWELo regulations. While the City has utilized the new requirements in practice, in response to this legislation, the City of Placentia must formally update water conservation regulations for new projects that are at least as effective as the State MWELo regulations. A public hearing and first reading was held regarding the proposed code amendments on November 1, 2016. Following second reading and Council adoption, the ordinance will formally take effect on December 16, 2016.

DISCUSSION:

The City's current Water Efficient Landscape Ordinance, codified at Section 23.77 of the Municipal Code, is not as restrictive as the State MWELo updated in 2015. The City did not adopt a revised water efficient landscape ordinance and accompanying guidelines before December 1, 2015. Therefore, the City's current ordinance is superseded by the State MWELo and the City must enforce the new requirements found in the State MWELo. In practice, the City has been utilizing the new State MWELo regulations for new projects; however as a matter of clarification and to formally comply with the new State requirements, Staff recommends that the Placentia Municipal Code (PMC) be amended so that the old ordinance is removed and a reference to the new State MWELo is inserted in its place. This Code Amendment will bring the PMC into compliance with the Executive Order and State Model Ordinance (See Attachments 1 and 2).

ENVIRONMENTAL REVIEW:

In accordance with the requirements of the California Environmental Quality Act (CEQA) of 1970, as amended, this project is exempt pursuant to the California Environmental Quality Act (CEQA). The proposed project is considered to be categorically exempt pursuant to Section 15307 (Class 7, Protection of Natural Resources) in that it consists of code revisions to conserve water resources and 15061(b)(3) in that this ordinance involves updates and revisions to existing regulations consistent with California law. It can be seen with certainty that the proposed Zoning Code Amendment will have no significant negative effects on the environment.

Prepared by:



Joseph M. Lambert
Director of Development Services

Reviewed and approved:



Damien R. Arrula
City Administrator

Attachment:

1. Ordinance No.0-2016-06, including Exhibit "A" - MWELo Ordinance Text

ORDINANCE NO. O-2016-06

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF PLACENTIA
REPEALING CHAPTER 23.77 OF TITLE 23 OF THE PLACENTIA
MUNICIPAL CODE ENTITLED "XERISCAPE AND WATER EFFICIENT
LANDSCAPING" AND REPLACING IT WITH THE STATE OF
CALIFORNIA MODEL WATER EFFICIENT LANDSCAPING ORDINANCE**

[Zoning Code Amendment 2016-01]

City Attorney's Summary

An ordinance amending the City of Placentia Municipal Code whereby Section 23.77 of Title 23 shall be repealed and replaced with the adoption of the State of California Model Ordinance pertaining to Landscape Water Efficiency, by reference. The proposed amendment is considered to be categorically exempt pursuant in that it consists of code revisions to conserve water resources and is not expected to create a negative impact on the physical environment and is therefore categorically exempt pursuant to the California Environmental Quality Act (CEQA) Guideline § 15307 and 15061(b)(3) and applicable City Environmental Guidelines.

A. Recitals

(i). The City of Placentia is a charter city organized pursuant to Article XI of the California Constitution; and

(ii). The City of Placentia's zoning code as set forth in Title 23 provide comprehensive zoning regulations and use of land within the City; and

(iii). California Government Code Section 65595 requires local governments to either adopt the State of California's Model Water Efficiency Landscape Ordinance ("MWELo") or adopt a local water efficiency landscape ordinance as, or more, efficient than MWELo in conserving water; and

(iv). In 2010, the City of Placentia adopted Chapter 23.77 of the City of Placentia Municipal Code entitled "Xeriscape and Water Efficient Landscaping" in accordance with Government Code Section 65595; and

(v). Due to recent drought and water supply issues, on April 1, 2015, the State of California updated MWELo ("Updated MWELo") providing stronger water efficiency standards; and

(vi). The Updated MWELo was approved by the California Water Commission on July 15, 2015 and required cities to either adopt local revised water efficient

landscape ordinances by December 1, 2015, or become subject to the Updated MWELo as drafted and promulgated by the State of California, Department of Water Resources and codified in 23 C.C.R. §§ 490 *et seq.*; and

(vii). The City did not update Chapter 23.77 prior to December 1, 2015 and the current standards set forth in Chapter 23.77 are not as restrictive as the Updated MWELo such that the current standards are no longer enforceable and superseded by the Updated MWELo; and

(viii). On or about March 8, 2016, the Planning Commission, held a duly noticed public hearing and adopted a resolution recommending to the City Council adoption of the Updated MWELo to ensure consistency with the State of California's regulations and the zoning standards applicable to projects.

B. Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Placentiados ordain as follows:

SECTION 1. Repeal. Chapter 23.77 of the Placentia Municipal Code entitled "Xeriscape and Water Efficient Landscaping" enacted by Ordinance No. O-2009-15 is hereby repealed in its entirety.

SECTION 2. Replacement. Chapter 23.77 of the Placentia Municipal Code is replaced with the ordinance as set forth in Exhibit A.

SECTION 3. CEQA. Pursuant to the California Environmental Quality Act (CEQA), the proposed project is considered to be categorically exempt (Class 7, Protection of Natural Resources) and 15061(b)(3) in that it consists of code revisions to conserve water resources and is not expected to create a negative impact on the physical environment.

SECTION 4. Severability. If any section, subsection, sentence, clause or phrase of this Ordinance is for any reason held invalid by a court of competent jurisdiction, such a decision shall not affect the validity of the remaining portions of this Ordinance. The City Council declares that it would have passed this Ordinance and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses, or phrases, be declared invalid.

SECTION 5. Effective Date. This ordinance shall be in full force and effect commencing thirty (30) days after its final adoption and a summary hereof shall be published once within fifteen (15) days in the Placentia News Times, a newspaper of general circulation printed and published in the County of Orange and circulated in the City of Placentia and hereby designated for that purpose by the City Council.

PASSED AND ADOPTED ON THIS 15th DAY OF November, 2016.

JEREMY B. YAMAGUCHI, MAYOR

ATTEST:

PATRICK J. MELIA, CITY CLERK

STATE OF CALIFORNIA)
COUNTY OF ORANGE) ss.
CITY OF PLACENTIA)

I, Patrick J. Melia, City Clerk of the City of Placentia do hereby certify that the foregoing ordinance was introduced at a regular meeting of the City Council held on the 1st day of November, 2016, and was finally adopted at a regular meeting held on the 15th day of November, 2016 by the following vote:

AYES: COUNCILMEMBERS:
NOES: COUNCILMEMBERS:
ABSENT: COUNCILMEMBERS:
ABSTAIN: COUNCILMEMBERS:

PATRICK J. MELIA, CITY CLERK

APPROVED AS TO FORM:

CHRISTIAN L. BETTENHAUSEN, CITY ATTORNEY

Exhibit A: Model Water Efficient Landscape Ordinance, 2015

EXHIBIT "A"

Chapter 23 – Zoning

Chapter 23.77 "Water Efficient Landscape Ordinance"

City has adopted by reference the State of California's Model Water Efficient Landscape Ordinance, codified at 23 California Code of Regulations, Sections 490 *et seq.*

entering into the loan contract. For investor-owned utilities, meetings or hearings held by the Public Utilities Commission may serve as Project Feasibility Meetings.

(b) Before a Project Feasibility Meeting, the supplier shall:

(1) Make available information describing the project in a form and location that will enable the water users to review it and to make appropriate comments. The information must be made available for a period of at least fifteen days before the Project Feasibility Meeting.

(2) Establish a date for the meeting agreeable to the Department and Department of Health Services.

(3) Notify the Department, the Department of Health Services and appropriate county health agencies in writing at least twenty calendar days before the meeting, and notify all water users and the local news media in writing at least fifteen calendar days before the meeting. The notice shall state: the date, time, location, and purpose of the meeting and the location of information describing the project for review by the water users. Sample notice forms will be provided by the Department.

(4) Obtain a meeting place of sufficient size and at a convenient location to accommodate the anticipated attendance.

(c) The agenda of the meeting shall include the following matters: (1) A discussion of applicable public health and water works standards, existing and potential health hazards associated with the water system, how the proposed project will bring the system to minimum health standards, and alternative solutions to the problem. (2) The supplier shall describe the proposed project in detail, using maps, charts, and other illustrative devices, if appropriate. The discussion shall include the costs, sources of funds, the amount of the loan-grant commitment, and changes in water costs resulting from the project.

(3) A representative of the State may describe the Act, the State's role in its administration and the Department's recommendation regarding the supplier's loan application. Persons present at the meeting shall be permitted to ask questions regarding all subjects discussed at the meeting.

(d) If no representative of the Department is present at the meeting, the supplier shall submit an official written report to the Department describing the meeting and its outcome including the results of any vote taken.

NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13834, Water Code.

§ 489.1. Plans and Specifications.

Before commencing construction, each Supplier shall provide detailed plans and specifications to the Department of Health Services for review and approval by a registered Civil Engineer employed by the Department of Health Services. Unless otherwise authorized in writing by the Department of Health Services, the supplier shall not commence construction without written notification from the Department of Health Services that the plans and specifications have been approved.

NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13837, Water Code.

§ 489.2. Certification of Completion.

Department of Health Services shall inspect the completed project and if satisfied that the project has been completed in accordance with approved plans and specifications, shall provide the supplier and the Department with written certification to that effect.

NOTE: Authority cited: Section 13834, Water Code. Reference: Section 13834, Water Code.

Chapter 2.6. Weather Resources Management [Repealed]

NOTE: Authority cited: Sections 161, 401, 403 and 6078, Water Code. Reference: Sections 401, 402 and 403, Water Code and Sections 21000 et seq., Public Resources Code.

HISTORY

1. New Subchapter 2.6 (Articles 1–5, Sections 490–495.03, not consecutive) filed 9–28–79; effective thirtieth day thereafter (Register 79, No. 39).
2. Repealer of Subchapter 2.6 (Articles 1–5, Sections 490–495.03, not consecutive, not previously repealed by OAL Order of Repeal) filed 6–5–86; effective

thirtieth day thereafter (Register 86, No. 23). For prior history, see Register 85, No. 26; 81, Nos. 40 and 38; and 80, No. 7.

Chapter 2.7. Model Water Efficient Landscape Ordinance

§ 490. Purpose.

(a) The State Legislature has found:

(1) that the waters of the state are of limited supply and are subject to ever increasing demands;

(2) that the continuation of California's economic prosperity is dependent on the availability of adequate supplies of water for future uses;

(3) that it is the policy of the State to promote the conservation and efficient use of water and to prevent the waste of this valuable resource;

(4) that landscapes are essential to the quality of life in California by providing areas for active and passive recreation and as an enhancement to the environment by cleaning air and water, preventing erosion, offering fire protection, and replacing ecosystems lost to development;

(5) that landscape design, installation, maintenance and management can and should be water efficient;

(6) that Section 2 of Article X of the California Constitution specifies that the right to use water is limited to the amount reasonably required for the beneficial use to be served and the right does not and shall not extend to waste or unreasonable method of use.

(b) Consistent with the legislative findings, the purpose of this model ordinance is to:

(1) promote the values and benefits of landscaping practices that integrate and go beyond the conservation and efficient use of water;

(2) establish a structure for planning, designing, installing, maintaining and managing water efficient landscapes in new construction and rehabilitated projects by encouraging the use of a watershed approach that requires cross-sector collaboration of industry, government and property owners to achieve the many benefits possible;

(3) establish provisions for water management practices and water waste prevention for existing landscapes;

(4) use water efficiently without waste by setting a Maximum Applied Water Allowance as an upper limit for water use and reduce water use to the lowest practical amount;

(5) promote the benefits of consistent landscape ordinances with neighboring local and regional agencies;

(6) encourage local agencies and water purveyors to use economic incentives that promote the efficient use of water, such as implementing a tiered-rate structure; and

(7) encourage local agencies to designate the necessary authority that implements and enforces the provisions of the Model Water Efficient Landscape Ordinance or its local landscape ordinance.

(c) Landscapes that are planned, designed, installed, managed and maintained with the watershed based approach can improve California's environmental conditions and provide benefits and realize sustainability goals. Such landscapes will make the urban environment resilient in the face of climatic extremes. Consistent with the legislative findings and purpose of the Ordinance, conditions in the urban setting will be improved by:

(1) Creating the conditions to support life in the soil by reducing compaction, incorporating organic matter that increases water retention, and promoting productive plant growth that leads to more carbon storage, oxygen production, shade, habitat and esthetic benefits.

(2) Minimizing energy use by reducing irrigation water requirements, reducing reliance on petroleum based fertilizers and pesticides, and planting climate appropriate shade trees in urban areas.

(3) Conserving water by capturing and reusing rainwater and graywater wherever possible and selecting climate appropriate plants that need minimal supplemental water after establishment.

(4) Protecting air and water quality by reducing power equipment use and landfill disposal trips, selecting recycled and locally sourced materi-

als, and using compost, mulch and efficient irrigation equipment to prevent erosion.

(5) Protecting existing habitat and creating new habitat by choosing local native plants, climate adapted non-natives and avoiding invasive plants. Utilizing integrated pest management with least toxic methods as the first course of action.

NOTE: Authority cited: Section 65593, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 65591, 65593 and 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New chapter 2.7 (sections 490-495) filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section and NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of subsections (a)(4) and (b)(1)-(2), new subsections (c)-(c)(5) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 490.1. Applicability.

(a) After December 1, 2015, and consistent with Executive Order No. B-29-15, this ordinance shall apply to all of the following landscape projects:

(1) new construction projects with an aggregate landscape area equal to or greater than 500 square feet requiring a building or landscape permit, plan check or design review;

(2) rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 square feet requiring a building or landscape permit, plan check, or design review;

(3) existing landscapes limited to Sections 493, 493.1 and 493.2; and

(4) cemeteries. Recognizing the special landscape management needs of cemeteries, new and rehabilitated cemeteries are limited to Sections 492.4, 492.11, and 492.12; and existing cemeteries are limited to Sections 493, 493.1, and 493.2.

(b) For local land use agencies working together to develop a regional water efficient landscape ordinance, the reporting requirements of this ordinance shall become effective December 1, 2015 and the remainder of this ordinance shall be effective no later than February 1, 2016.

(c) Any project with an aggregate landscape area of 2,500 square feet or less may comply with the performance requirements of this ordinance or conform to the prescriptive measures contained in Appendix D.

(d) For projects using treated or untreated graywater or rainwater captured on site, any lot or parcel within the project that has less than 2500 sq. ft. of landscape and meets the lot or parcel's landscape water requirement (Estimated Total Water Use) entirely with treated or untreated graywater or through stored rainwater captured on site is subject only to Appendix D section (5).

(e) This ordinance does not apply to:

(1) registered local, state or federal historical sites;

(2) ecological restoration projects that do not require a permanent irrigation system;

(3) mined-land reclamation projects that do not require a permanent irrigation system; or

(4) existing plant collections, as part of botanical gardens and arboreturns open to the public.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 491. Definitions.

The terms used in this ordinance have the meaning set forth below:

(a) "applied water" means the portion of water supplied by the irrigation system to the landscape.

(b) "automatic irrigation controller" means a timing device used to remotely control valves that operate an irrigation system. Automatic irrigation controllers are able to self-adjust and schedule irrigation events using either evapotranspiration (weather-based) or soil moisture data.

(c) "backflow prevention device" means a safety device used to prevent pollution or contamination of the water supply due to the reverse flow of water from the irrigation system.

(d) "Certificate of Completion" means the document required under Section 492.9.

(e) "certified irrigation designer" means a person certified to design irrigation systems by an accredited academic institution, a professional trade organization or other program such as the US Environmental Protection Agency's WaterSense irrigation designer certification program and Irrigation Association's Certified Irrigation Designer program.

(f) "certified landscape irrigation auditor" means a person certified to perform landscape irrigation audits by an accredited academic institution, a professional trade organization or other program such as the US Environmental Protection Agency's WaterSense irrigation auditor certification program and Irrigation Association's Certified Landscape Irrigation Auditor program.

(g) "check valve" or "anti-drain valve" means a valve located under a sprinkler head, or other location in the irrigation system, to hold water in the system to prevent drainage from sprinkler heads when the sprinkler is off.

(h) "common interest developments" means community apartment projects, condominium projects, planned developments, and stock cooperatives per Civil Code Section 1351.

(i) "compost" means the safe and stable product of controlled biologic decomposition of organic materials that is beneficial to plant growth.

(j) "conversion factor (0.62)" means the number that converts acres-inches per acre per year to gallons per square foot per year.

(k) "distribution uniformity" means the measure of the uniformity of irrigation water over a defined area.

(l) "drip irrigation" means any non-spray low volume irrigation system utilizing emission devices with a flow rate measured in gallons per hour. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

(m) "ecological restoration project" means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

(n) "effective precipitation" or "usable rainfall" (Eppt) means the portion of total precipitation which becomes available for plant growth.

(o) "emitter" means a drip irrigation emission device that delivers water slowly from the system to the soil.

(p) "established landscape" means the point at which plants in the landscape have developed significant root growth into the soil. Typically, most plants are established after one or two years of growth.

(q) "establishment period of the plants" means the first year after installing the plant in the landscape or the first two years if irrigation will be terminated after establishment. Typically, most plants are established after one or two years of growth. Native habitat mitigation areas and trees may need three to five years for establishment.

(r) "Estimated Total Water Use" (ETWU) means the total water used for the landscape as described in Section 492.4.

(s) "ET adjustment factor" (ETAF) means a factor of 0.55 for residential areas and 0.45 for non-residential areas, that, when applied to reference evapotranspiration, adjusts for plant factors and irrigation efficiency, two major influences upon the amount of water that needs to be applied to the landscape. The ETAF for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0. The ETAF for existing non-rehabilitated landscapes is 0.8.

(t) "evapotranspiration rate" means the quantity of water evaporated from adjacent soil and other surfaces and transpired by plants during a specified time.

(u) "flow rate" means the rate at which water flows through pipes, valves and emission devices, measured in gallons per minute, gallons per hour, or cubic feet per second.

(v) "flow sensor" means an inline device installed at the supply point of the irrigation system that produces a repeatable signal proportional to flow rate. Flow sensors must be connected to an automatic irrigation controller, or flow monitor capable of receiving flow signals and operating master valves. This combination flow sensor/controller may also function as a landscape water meter or submeter.

(w) "friable" means a soil condition that is easily crumbled or loosely compacted down to a minimum depth per planting material requirements, whereby the root structure of newly planted material will be allowed to spread unimpeded.

(x) "Fuel Modification Plan Guideline" means guidelines from a local fire authority to assist residents and businesses that are developing land or building structures in a fire hazard severity zone.

(y) "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to, wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines, and laundry tubs, but does not include wastewater from kitchen sinks or dishwashers. Health and Safety Code Section 17922.12.

(z) "hardscapes" means any durable material (pervious and non-pervious).

(aa) "hydrozone" means a portion of the landscaped area having plants with similar water needs and rooting depth. A hydrozone may be irrigated or non-irrigated.

(bb) "infiltration rate" means the rate of water entry into the soil expressed as a depth of water per unit of time (e.g., inches per hour).

(cc) "invasive plant species" means species of plants not historically found in California that spread outside cultivated areas and can damage environmental or economic resources. Invasive species may be regulated by county agricultural agencies as noxious species. Lists of invasive plants are maintained at the California Invasive Plant Inventory and USDA invasive and noxious weeds database.

(dd) "irrigation audit" means an in-depth evaluation of the performance of an irrigation system conducted by a Certified Landscape Irrigation Auditor. An irrigation audit includes, but is not limited to: inspection, system tune-up, system test with distribution uniformity or emission uniformity, reporting overspray or runoff that causes overland flow, and preparation of an irrigation schedule. The audit must be conducted in a manner consistent with the Irrigation Association's Landscape Irrigation Auditor Certification program or other U.S. Environmental Protection Agency "Watersense" labeled auditing program.

(ee) "irrigation efficiency" (IE) means the measurement of the amount of water beneficially used divided by the amount of water applied. Irrigation efficiency is derived from measurements and estimates of irrigation system characteristics and management practices. The irrigation efficiency for purposes of this ordinance are 0.75 for overhead spray devices and 0.81 for drip systems.

(ff) "irrigation survey" means an evaluation of an irrigation system that is less detailed than an irrigation audit. An irrigation survey includes, but is not limited to: inspection, system test, and written recommendations to improve performance of the irrigation system.

(gg) "irrigation water use analysis" means an analysis of water use data based on meter readings and billing data.

(hh) "landscape architect" means a person who holds a license to practice landscape architecture in the state of California Business and Professions Code, Section 5615.

(ii) "landscape area" means all the planting areas, turf areas, and water features in a landscape design plan subject to the Maximum Applied Wa-

ter Allowance calculation. The landscape area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated for non-development (e.g., open spaces and existing native vegetation).

(jj) "landscape contractor" means a person licensed by the state of California to construct, maintain, repair, install, or subcontract the development of landscape systems.

(kk) "Landscape Documentation Package" means the documents required under Section 492.3.

(ll) "landscape project" means total area of landscape in a project as defined in "landscape area" for the purposes of this ordinance, meeting requirements under Section 490.1.

(mm) "landscape water meter" means an inline device installed at the irrigation supply point that measures the flow of water into the irrigation system and is connected to a totalizer to record water use.

(nn) "lateral line" means the water delivery pipeline that supplies water to the emitters or sprinklers from the valve.

(oo) "local agency" means a city or county, including a charter city or charter county, that is responsible for adopting and implementing the ordinance. The local agency is also responsible for the enforcement of this ordinance, including but not limited to, approval of a permit and plan check or design review of a project.

(pp) "local water purveyor" means any entity, including a public agency, city, county, or private water company that provides retail water service.

(qq) "low volume irrigation" means the application of irrigation water at low pressure through a system of tubing or lateral lines and low-volume emitters such as drip, drip lines, and bubblers. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

(rr) "main line" means the pressurized pipeline that delivers water from the water source to the valve or outlet.

(ss) "master shut-off valve" is an automatic valve installed at the irrigation supply point which controls water flow into the irrigation system. When this valve is closed water will not be supplied to the irrigation system. A master valve will greatly reduce any water loss due to a leaky station valve.

(tt) "Maximum Applied Water Allowance" (MAWA) means the upper limit of annual applied water for the established landscaped area as specified in Section 492.4. It is based upon the area's reference evapotranspiration, the ET Adjustment Factor, and the size of the landscape area. The Estimated Total Water Use shall not exceed the Maximum Applied Water Allowance. Special Landscape Areas, including recreation areas, areas permanently and solely dedicated to edible plants such as orchards and vegetable gardens, and areas irrigated with recycled water are subject to the MAWA with an ETAF not to exceed 1.0. $MAWA = (ETo) (0.62) [(ETAF \times LA) + ((1-ETAF) \times SLA)]$

(uu) "median" is an area between opposing lanes of traffic that may be unplanted or planted with trees, shrubs, perennials, and ornamental grasses.

(vv) "microclimate" means the climate of a small, specific area that may contrast with the climate of the overall landscape area due to factors such as wind, sun exposure, plant density, or proximity to reflective surfaces.

(ww) "mined-land reclamation projects" means any surface mining operation with a reclamation plan approved in accordance with the Surface Mining and Reclamation Act of 1975.

(xx) "mulch" means any organic material such as leaves, bark, straw, compost, or inorganic mineral materials such as rocks, gravel, or decomposed granite left loose and applied to the soil surface for the beneficial purposes of reducing evaporation, suppressing weeds, moderating soil temperature, and preventing soil erosion.

(yy) "new construction" means, for the purposes of this ordinance, a new building with a landscape or other new landscape, such as a park, playground, or greenbelt without an associated building.

(zz) “non-residential landscape” means landscapes in commercial, institutional, industrial and public settings that may have areas designated for recreation or public assembly. It also includes portions of common areas of common interest developments with designated recreational areas.

(aaa) “operating pressure” means the pressure at which the parts of an irrigation system are designed by the manufacturer to operate.

(bbb) “overhead sprinkler irrigation systems” or “overhead spray irrigation systems” means systems that deliver water through the air (e.g., spray heads and rotors).

(ccc) “overspray” means the irrigation water which is delivered beyond the target area.

(ddd) “parkway” means the area between a sidewalk and the curb or traffic lane. It may be planted or unplanted, and with or without pedestrian egress.

(eee) “permit” means an authorizing document issued by local agencies for new construction or rehabilitated landscapes.

(fff) “pervious” means any surface or material that allows the passage of water through the material and into the underlying soil.

(ggg) “plant factor” or “plant water use factor” is a factor, when multiplied by ETo, estimates the amount of water needed by plants. For purposes of this ordinance, the plant factor range for very low water use plants is 0 to 0.1, the plant factor range for low water use plants is 0.1 to 0.3, the plant factor range for moderate water use plants is 0.4 to 0.6, and the plant factor range for high water use plants is 0.7 to 1.0. Plant factors cited in this ordinance are derived from the publication “Water Use Classification of Landscape Species”. Plant factors may also be obtained from horticultural researchers from academic institutions or professional associations as approved by the California Department of Water Resources (DWR).

(hhh) “project applicant” means the individual or entity submitting a Landscape Documentation Package required under Section 492.3, to request a permit, plan check, or design review from the local agency. A project applicant may be the property owner or his or her designee.

(iii) “rain sensor” or “rain sensing shutoff device” means a component which automatically suspends an irrigation event when it rains.

(jjj) “record drawing” or “as-builts” means a set of reproducible drawings which show significant changes in the work made during construction and which are usually based on drawings marked up in the field and other data furnished by the contractor.

(kkk) “recreational area” means areas, excluding private single family residential areas, designated for active play, recreation or public assembly in parks, sports fields, picnic grounds, amphitheaters or golf course tees, fairways, roughs, surrounds and greens.

(lll) “recycled water,” “reclaimed water,” or “treated sewage effluent water” means treated or recycled waste water of a quality suitable for nonpotable uses such as landscape irrigation and water features. This water is not intended for human consumption.

(mmm) “reference evapotranspiration” or “ETo” means a standard measurement of environmental parameters which affect the water use of plants. ETo is expressed in inches per day, month, or year as represented in Appendix A, and is an estimate of the evapotranspiration of a large field of four- to seven-inch tall, cool-season grass that is well watered. Reference evapotranspiration is used as the basis of determining the Maximum Applied Water Allowances so that regional differences in climate can be accommodated.

(nnn) “Regional Water Efficient Landscape Ordinance” means a local Ordinance adopted by two or more local agencies, water suppliers and other stakeholders for implementing a consistent set of landscape provisions throughout a geographical region. Regional ordinances are strongly encouraged to provide a consistent framework for the landscape industry and applicants to adhere to.

(ooo) “rehabilitated landscape” means any relandscaping project that requires a permit, plan check, or design review, meets the requirements of Section 490.1, and the modified landscape area is equal to or greater than 2,500 square feet.

(ppp) “residential landscape” means landscapes surrounding single or multifamily homes.

(qqq) “run off” means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscape area. For example, run off may result from water that is applied at too great a rate (application rate exceeds infiltration rate) or when there is a slope.

(rrr) “soil moisture sensing device” or “soil moisture sensor” means a device that measures the amount of water in the soil. The device may also suspend or initiate an irrigation event.

(sss) “soil texture” means the classification of soil based on its percentage of sand, silt, and clay.

(ttt) “Special Landscape Area” (SLA) means an area of the landscape dedicated solely to edible plants, recreational areas, areas irrigated with recycled water, or water features using recycled water.

(uuu) “sprinkler head” or “spray head” means a device which delivers water through a nozzle.

(vvv) “static water pressure” means the pipeline or municipal water supply pressure when water is not flowing.

(www) “station” means an area served by one valve or by a set of valves that operate simultaneously.

(xxx) “swing joint” means an irrigation component that provides a flexible, leak-free connection between the emission device and lateral pipeline to allow movement in any direction and to prevent equipment damage.

(yyy) “submeter” means a metering device to measure water applied to the landscape that is installed after the primary utility water meter.

(zzz) “turf” means a ground cover surface of mowed grass, Annual bluegrass, Kentucky bluegrass, Perennial ryegrass, Red fescue, and Tall fescue are cool-season grasses. Bermudagrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass, and Buffalo grass are warm-season grasses.

(aaaa) “valve” means a device used to control the flow of water in the irrigation system.

(bbbb) “water conserving plant species” means a plant species identified as having a very low or low plant factor.

(cccc) “water feature” means a design element where open water performs an aesthetic or recreational function. Water features include ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). The surface area of water features is included in the high water use hydrozone of the landscape area. Constructed wetlands used for on-site wastewater treatment or stormwater best management practices that are not irrigated and used solely for water treatment or stormwater retention are not water features and, therefore, are not subject to the water budget calculation.

(dddd) “watering window” means the time of day irrigation is allowed.

(eeee) “WUCOLS” means the Water Use Classification of Landscape Species published by the University of California Cooperative Extension and the Department of Water Resources 2014.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor’s Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 65592 and 65596, Government Code; and section 11, Governor’s Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section and NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor’s Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492. Provisions for New Construction or Rehabilitated Landscapes.

(a) A local agency may designate by mutual agreement, another agency, such as a water purveyor, to implement some or all of the requirements contained in this ordinance. Local agencies may collaborate with water purveyors to define each entity’s specific responsibilities relating to this ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor’s Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596,

Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Amendment of section heading, repealer and new section and amendment of NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.1. Compliance with Landscape Documentation Package.

(a) Prior to construction, the local agency shall:

- (1) provide the project applicant with the ordinance and procedures for permits, plan checks or design reviews;
- (2) review the Landscape Documentation Package submitted by the project applicant;
- (3) approve or deny the Landscape Documentation Package;
- (4) issue a permit or approve the plan check or design review for the project applicant; and
- (5) upon approval of the Landscape Documentation Package, submit a copy of the Water Efficient Landscape Worksheet to the local water purveyor.

(b) Prior to construction, the project applicant shall:

- (1) submit a Landscape Documentation Package to the local agency.
- (c) Upon approval of the Landscape Documentation Package by the local agency, the project applicant shall:

- (1) receive a permit or approval of the plan check or design review and record the date of the permit in the Certificate of Completion;
- (2) submit a copy of the approved Landscape Documentation Package along with the record drawings, and any other information to the property owner or his/her designee; and
- (3) submit a copy of the Water Efficient Landscape Worksheet to the local water purveyor.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.2. Penalties.

(a) A local agency may establish and administer penalties to the project applicant for non-compliance with the ordinance to the extent permitted by law.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.3. Elements of the Landscape Documentation Package.

(a) The Landscape Documentation Package shall include the following six (6) elements:

- (1) project information;
 - (A) date
 - (B) project applicant
 - (C) project address (if available, parcel and/or lot number(s))
 - (D) total landscape area (square feet)
 - (E) project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)
 - (F) water supply type (e.g., potable, recycled, well) and identify the local retail water purveyor if the applicant is not served by a private well
 - (G) checklist of all documents in Landscape Documentation Package
 - (H) project contacts to include contact information for the project applicant and property owner
 - (I) applicant signature and date with statement, "I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Documentation Package".

(2) Water Efficient Landscape Worksheet;

- (A) hydrozone information table
- (B) water budget calculations
 1. Maximum Applied Water Allowance (MAWA)
 2. Estimated Total Water Use (ETWU)
- (3) soil management report;
- (4) landscape design plan;
- (5) irrigation design plan; and
- (6) grading design plan.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.4. Water Efficient Landscape Worksheet.

(a) A project applicant shall complete the Water Efficient Landscape Worksheet in Appendix B which contains information on the plant factor, irrigation method, irrigation efficiency, and area associated with each hydrozone. Calculations are then made to show that the evapotranspiration adjustment factor (ETAF) for the landscape project does not exceed a factor of 0.55 for residential areas and 0.45 for non-residential areas, exclusive of Special Landscape Areas. The ETAF for a landscape project is based on the plant factors and irrigation methods selected. The Maximum Applied Water Allowance is calculated based on the maximum ETAF allowed (0.55 for residential areas and 0.45 for non-residential areas) and expressed as annual gallons required. The Estimated Total Water Use (ETWU) is calculated based on the plants used and irrigation method selected for the landscape design. ETWU must be below the MAWA.

(1) In calculating the Maximum Applied Water Allowance and Estimated Total Water Use, a project applicant shall use the ETo values from the Reference Evapotranspiration Table in Appendix A. For geographic areas not covered in Appendix A, use data from other cities located nearby in the same reference evapotranspiration zone, as found in the CIMIS Reference Evapotranspiration Zones Map, Department of Water Resources, 1999.

(b) Water budget calculations shall adhere to the following requirements:

(1) The plant factor used shall be from WUCOLS or from horticultural researchers with academic institutions or professional associations as approved by the California Department of Water Resources (DWR). The plant factor ranges from 0 to 0.1 for very low water using plants, 0.1 to 0.3 for low water use plants, from 0.4 to 0.6 for moderate water use plants, and from 0.7 to 1.0 for high water use plants.

(2) All water features shall be included in the high water use hydrozone and temporarily irrigated areas shall be included in the low water use hydrozone.

(3) All Special Landscape Areas shall be identified and their water use calculated as shown in Appendix B.

(4) ETAF for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.5. Soil Management Report.

(a) In order to reduce runoff and encourage healthy plant growth, a soil management report shall be completed by the project applicant, or his/her designee, as follows:

- (1) Submit soil samples to a laboratory for analysis and recommendations.

(A) Soil sampling shall be conducted in accordance with laboratory protocol, including protocols regarding adequate sampling depth for the intended plants.

(B) The soil analysis shall include:

1. soil texture;
2. infiltration rate determined by laboratory test or soil texture infiltration rate table;
3. pH;
4. total soluble salts;
5. sodium;
6. percent organic matter; and
7. recommendations.

(C) In projects with multiple landscape installations (i.e. production home developments) a soil sampling rate of 1 in 7 lots or approximately 15% will satisfy this requirement. Large landscape projects shall sample at a rate equivalent to 1 in 7 lots.

(2) The project applicant, or his/her designee, shall comply with one of the following:

(A) If significant mass grading is not planned, the soil analysis report shall be submitted to the local agency as part of the Landscape Documentation Package; or

(B) If significant mass grading is planned, the soil analysis report shall be submitted to the local agency as part of the Certificate of Completion.

(3) The soil analysis report shall be made available, in a timely manner, to the professionals preparing the landscape design plans and irrigation design plans to make any necessary adjustments to the design plans.

(4) The project applicant, or his/her designee, shall submit documentation verifying implementation of soil analysis report recommendations to the local agency with Certificate of Completion.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of subsection (a)(1)(B), new subsection (a)(1)(C) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.6. Landscape Design Plan.

(a) For the efficient use of water, a landscape shall be carefully designed and planned for the intended function of the project. A landscape design plan meeting the following design criteria shall be submitted as part of the Landscape Documentation Package.

(1) Plant Material

(A) Any plant may be selected for the landscape, providing the Estimated Total Water Use in the landscape area does not exceed the Maximum Applied Water Allowance. Methods to achieve water efficiency shall include one or more of the following:

1. protection and preservation of native species and natural vegetation;
2. selection of water-conserving plant, tree and turf species, especially local native plants;
3. selection of plants based on local climate suitability, disease and pest resistance;
4. selection of trees based on applicable local tree ordinances or tree shading guidelines, and size at maturity as appropriate for the planting area; and
5. selection of plants from local and regional landscape program plant lists.
6. selection of plants from local Fuel Modification Plan Guidelines.

(B) Each hydrozone shall have plant materials with similar water use, with the exception of hydrozones with plants of mixed water use, as specified in Section 492.7(a)(2)(D).

(C) Plants shall be selected and planted appropriately based upon their adaptability to the climatic, geologic, and topographical conditions of the

project site. Methods to achieve water efficiency shall include one or more of the following:

1. use the Sunset Western Climate Zone System which takes into account temperature, humidity, elevation, terrain, latitude, and varying degrees of continental and marine influence on local climate;

2. recognize the horticultural attributes of plants (i.e., mature plant size, invasive surface roots) to minimize damage to property or infrastructure [e.g., buildings, sidewalks, power lines]; allow for adequate soil volume for healthy root growth; and

3. consider the solar orientation for plant placement to maximize summer shade and winter solar gain.

(D) Turf is not allowed on slopes greater than 25% where the toe of the slope is adjacent to an impermeable hardscape and where 25% means 1 foot of vertical elevation change for every 4 feet of horizontal length (rise divided by run x 100 = slope percent).

(E) High water use plants, characterized by a plant factor of 0.7 to 1.0, are prohibited in street medians.

(F) A landscape design plan for projects in fire-prone areas shall address fire safety and prevention. A defensible space or zone around a building or structure is required per Public Resources Code Section 4291(a) and (b). Avoid fire-prone plant materials and highly flammable mulches. Refer to the local Fuel Modification Plan guidelines.

(G) The use of invasive plant species, such as those listed by the California Invasive Plant Council, is strongly discouraged.

(H) The architectural guidelines of a common interest development, which include community apartment projects, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of low-water use plants as a group.

(2) Water Features

(A) Recirculating water systems shall be used for water features.

(B) Where available, recycled water shall be used as a source for decorative water features.

(C) Surface area of a water feature shall be included in the high water use hydrozone area of the water budget calculation.

(D) Pool and spa covers are highly recommended.

(3) Soil Preparation, Mulch and Amendments

(A) Prior to the planting of any materials, compacted soils shall be transformed to a friable condition. On engineered slopes, only amended planting holes need meet this requirement.

(B) Soil amendments shall be incorporated according to recommendations of the soil report and what is appropriate for the plants selected (see Section 492.5).

(C) For landscape installations, compost at a rate of a minimum of four cubic yards per 1,000 square feet of permeable area shall be incorporated to a depth of six inches into the soil. Soils with greater than 6% organic matter in the top 6 inches of soil are exempt from adding compost and tilling.

(D) A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated. To provide habitat for beneficial insects and other wildlife, up to 5 % of the landscape area may be left without mulch. Designated insect habitat must be included in the landscape design plan as such.

(E) Stabilizing mulching products shall be used on slopes that meet current engineering standards.

(F) The mulching portion of the seed/mulch slurry in hydro-seeded applications shall meet the mulching requirement.

(G) Organic mulch materials made from recycled or post-consumer shall take precedence over inorganic materials or virgin forest products unless the recycled post-consumer organic products are not locally available. Organic mulches are not required where prohibited by local Fuel Modification Plan Guidelines or other applicable local ordinances.

(b) The landscape design plan, at a minimum, shall:

(1) delineate and label each hydrozone by number, letter, or other method;

(2) identify each hydrozone as low, moderate, high water, or mixed water use. Temporarily irrigated areas of the landscape shall be included in the low water use hydrozone for the water budget calculation;

(3) identify recreational areas;

(4) identify areas permanently and solely dedicated to edible plants;

(5) identify areas irrigated with recycled water;

(6) identify type of mulch and application depth;

(7) identify soil amendments, type, and quantity;

(8) identify type and surface area of water features;

(9) identify hardscapes (pervious and non-pervious);

(10) identify location, installation details, and 24-hour retention or infiltration capacity of any applicable stormwater best management practices that encourage on-site retention and infiltration of stormwater. Project applicants shall refer to the local agency or regional Water Quality Control Board for information on any applicable stormwater technical requirements. Stormwater best management practices are encouraged in the landscape design plan and examples are provided in Section 492.16.

(11) identify any applicable rain harvesting or catchment technologies as discussed in Section 492.16 and their 24-hour retention or infiltration capacity;

(12) identify any applicable graywater discharge piping, system components and area(s) of distribution;

(13) contain the following statement: "I have complied with the criteria of the ordinance and applied them for the efficient use of water in the landscape design plan"; and

(14) bear the signature of a licensed landscape architect, licensed landscape contractor, or any other person authorized to design a landscape. (See Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the Business and Professions Code, Section 832.27 of Title 16 of the California Code of Regulations, and Section 6721 of the Food and Agriculture Code.)

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; Section 1351, Civil Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.7. Irrigation Design Plan.

(a) This section applies to landscaped areas requiring permanent irrigation, not areas that require temporary irrigation solely for the plant establishment period. For the efficient use of water, an irrigation system shall meet all the requirements listed in this section and the manufacturers' recommendations. The irrigation system and its related components shall be planned and designed to allow for proper installation, management, and maintenance. An irrigation design plan meeting the following design criteria shall be submitted as part of the Landscape Documentation Package.

(1) System

(A) Landscape water meters, defined as either a dedicated water service meter or private submeter, shall be installed for all non-residential irrigated landscapes of 1,000 sq. ft. but not more than 5,000 sq. ft. (the level at which Water Code 535 applies) and residential irrigated landscapes of 5,000 sq. ft. or greater. A landscape water meter may be either:

1. a customer service meter dedicated to landscape use provided by the local water purveyor; or

2. a privately owned meter or submeter.

(B) Automatic irrigation controllers utilizing either evapotranspiration or soil moisture sensor data utilizing non-volatile memory shall be required for irrigation scheduling in all irrigation systems.

(C) If the water pressure is below or exceeds the recommended pressure of the specified irrigation devices, the installation of a pressure regu-

lating device is required to ensure that the dynamic pressure at each emission device is within the manufacturer's recommended pressure range for optimal performance.

1. If the static pressure is above or below the required dynamic pressure of the irrigation system, pressure-regulating devices such as inline pressure regulators, booster pumps, or other devices shall be installed to meet the required dynamic pressure of the irrigation system.

2. Static water pressure, dynamic or operating pressure, and flow reading of the water supply shall be measured at the point of connection. These pressure and flow measurements shall be conducted at the design stage. If the measurements are not available at the design stage, the measurements shall be conducted at installation.

(D) Sensors (rain, freeze, wind, etc.), either integral or auxiliary, that suspend or alter irrigation operation during unfavorable weather conditions shall be required on all irrigation systems, as appropriate for local climatic conditions. Irrigation should be avoided during windy or freezing weather or during rain.

(E) Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be required, as close as possible to the point of connection of the water supply, to minimize water loss in case of an emergency (such as a main line break) or routine repair.

(F) Backflow prevention devices shall be required to protect the water supply from contamination by the irrigation system. A project applicant shall refer to the applicable local agency code (i.e., public health) for additional backflow prevention requirements.

(G) Flow sensors that detect high flow conditions created by system damage or malfunction are required for all on non-residential landscapes and residential landscapes of 5000 sq. ft. or larger.

(H) Master shut-off valves are required on all projects except landscapes that make use of technologies that allow for the individual control of sprinklers that are individually pressurized in a system equipped with low pressure shut down features.

(I) The irrigation system shall be designed to prevent runoff, low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures.

(J) Relevant information from the soil management plan, such as soil type and infiltration rate, shall be utilized when designing irrigation systems.

(K) The design of the irrigation system shall conform to the hydrozones of the landscape design plan.

(L) The irrigation system must be designed and installed to meet, at a minimum, the irrigation efficiency criteria as described in Section 492.4 regarding the Maximum Applied Water Allowance.

(M) All irrigation emission devices must meet the requirements set in the American National Standards Institute (ANSI) standard, American Society of Agricultural and Biological Engineers'/International Code Council's (ASABE/ICC) 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard, All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.

(N) It is highly recommended that the project applicant or local agency inquire with the local water purveyor about peak water operating demands (on the water supply system) or water restrictions that may impact the effectiveness of the irrigation system.

(O) In mulched planting areas, the use of low volume irrigation is required to maximize water infiltration into the root zone.

(P) Sprinkler heads and other emission devices shall have matched precipitation rates, unless otherwise directed by the manufacturer's recommendations.

(Q) Head to head coverage is recommended. However, sprinkler spacing shall be designed to achieve the highest possible distribution uniformity using the manufacturer's recommendations.

(R) Swing joints or other riser-protection components are required on all risers subject to damage that are adjacent to hardscapes or in high traffic areas of turfgrass.

(S) Check valves or anti-drain valves are required on all sprinkler heads where low point drainage could occur.

(T) Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

(U) Overhead irrigation shall not be permitted within 24 inches of any non-permeable surface. Allowable irrigation within the setback from non-permeable surfaces may include drip, drip line, or other low flow non-spray technology. The setback area may be planted or unplanted. The surfacing of the setback may be mulch, gravel, or other porous material. These restrictions may be modified if:

1. the landscape area is adjacent to permeable surfacing and no runoff occurs; or

2. the adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping; or

3. the irrigation designer specifies an alternative design or technology, as part of the Landscape Documentation Package and clearly demonstrates strict adherence to irrigation system design criteria in Section 492.7 (a)(1)(I). Prevention of overspray and runoff must be confirmed during the irrigation audit.

(V) Slopes greater than 25% shall not be irrigated with an irrigation system with a application rate exceeding 0.75 inches per hour. This restriction may be modified if the landscape designer specifies an alternative design or technology, as part of the Landscape Documentation Package, and clearly demonstrates no runoff or erosion will occur. Prevention of runoff and erosion must be confirmed during the irrigation audit.

(2) Hydrozone

(A) Each valve shall irrigate a hydrozone with similar site, slope, sun exposure, soil conditions, and plant materials with similar water use.

(B) Sprinkler heads and other emission devices shall be selected based on what is appropriate for the plant type within that hydrozone.

(C) Where feasible, trees shall be placed on separate valves from shrubs, groundcovers, and turf to facilitate the appropriate irrigation of trees. The mature size and extent of the root zone shall be considered when designing irrigation for the tree.

(D) Individual hydrozones that mix plants of moderate and low water use, or moderate and high water use, may be allowed if:

1. plant factor calculation is based on the proportions of the respective plant water uses and their plant factor; or

2. the plant factor of the higher water using plant is used for calculations.

(E) Individual hydrozones that mix high and low water use plants shall not be permitted.

(F) On the landscape design plan and irrigation design plan, hydrozone areas shall be designated by number, letter, or other designation. On the irrigation design plan, designate the areas irrigated by each valve, and assign a number to each valve. Use this valve number in the Hydrozone Information Table (see Appendix B Section A). This table can also assist with the irrigation audit and programming the controller.

(b) The irrigation design plan, at a minimum, shall contain:

(1) location and size of separate water meters for landscape;

(2) location, type and size of all components of the irrigation system, including controllers, main and lateral lines, valves, sprinkler heads, moisture sensing devices, rain switches, quick couplers, pressure regulators, and backflow prevention devices;

(3) static water pressure at the point of connection to the public water supply;

(4) flow rate (gallons per minute), application rate (inches per hour), and design operating pressure (pressure per square inch) for each station;

(5) recycled water irrigation systems as specified in Section 492.14;

(6) the following statement: "I have complied with the criteria of the ordinance and applied them accordingly for the efficient use of water in the irrigation design plan"; and

(7) the signature of a licensed landscape architect, certified irrigation designer, licensed landscape contractor, or any other person authorized

to design an irrigation system. (See Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the Business and Professions Code, Section 832.27 of Title 16 of the California Code of Regulations, and Section 6721 of the Food and Agricultural Code.)

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.8. Grading Design Plan.

(a) For the efficient use of water, grading of a project site shall be designed to minimize soil erosion, runoff, and water waste. A grading plan shall be submitted as part of the Landscape Documentation Package. A comprehensive grading plan prepared by a civil engineer for other local agency permits satisfies this requirement.

(1) The project applicant shall submit a landscape grading plan that indicates finished configurations and elevations of the landscape area including:

(A) height of graded slopes;

(B) drainage patterns;

(C) pad elevations;

(D) finish grade; and

(E) stormwater retention improvements, if applicable.

(2) To prevent excessive erosion and runoff, it is highly recommended that project applicants:

(A) grade so that all irrigation and normal rainfall remains within property lines and does not drain on to non-permeable hardscapes;

(B) avoid disruption of natural drainage patterns and undisturbed soil; and

(C) avoid soil compaction in landscape areas.

(3) The grading design plan shall contain the following statement: "I have complied with the criteria of the ordinance and applied them accordingly for the efficient use of water in the grading design plan" and shall bear the signature of a licensed professional as authorized by law.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.9. Certificate of Completion.

(a) The Certificate of Completion (see Appendix C for a sample certificate) shall include the following six (6) elements:

(1) project information sheet that contains:

(A) date;

(B) project name;

(C) project applicant name, telephone, and mailing address;

(D) project address and location; and

(E) property owner name, telephone, and mailing address;

(2) certification by either the signer of the landscape design plan, the signer of the irrigation design plan, or the licensed landscape contractor that the landscape project has been installed per the approved Landscape Documentation Package;

(A) where there have been significant changes made in the field during construction, these "as-built" or record drawings shall be included with the certification;

(B) A diagram of the irrigation plan showing hydrozones shall be kept with the irrigation controller for subsequent management purposes.

(3) irrigation scheduling parameters used to set the controller (see Section 492.10);

(4) landscape and irrigation maintenance schedule (see Section 492.11);

(5) irrigation audit report (see Section 492.12); and

(6) soil analysis report, if not submitted with Landscape Documentation Package, and documentation verifying implementation of soil report recommendations (see Section 492.5).

(b) The project applicant shall:

(1) submit the signed Certificate of Completion to the local agency for review;

(2) ensure that copies of the approved Certificate of Completion are submitted to the local water purveyor and property owner or his or her designee.

(c) The local agency shall:

(1) receive the signed Certificate of Completion from the project applicant;

(2) approve or deny the Certificate of Completion. If the Certificate of Completion is denied, the local agency shall provide information to the project applicant regarding reapplication, appeal, or other assistance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. New subsection (a)(2)(B) and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.10. Irrigation Scheduling.

(a) For the efficient use of water, all irrigation schedules shall be developed, managed, and evaluated to utilize the minimum amount of water required to maintain plant health. Irrigation schedules shall meet the following criteria:

(1) Irrigation scheduling shall be regulated by automatic irrigation controllers.

(2) Overhead irrigation shall be scheduled between 8:00 p.m. and 10:00 a.m. unless weather conditions prevent it. If allowable hours of irrigation differ from the local water purveyor, the stricter of the two shall apply. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.

(3) For implementation of the irrigation schedule, particular attention must be paid to irrigation run times, emission device, flow rate, and current reference evapotranspiration, so that applied water meets the Estimated Total Water Use. Total annual applied water shall be less than or equal to Maximum Applied Water Allowance (MAWA). Actual irrigation schedules shall be regulated by automatic irrigation controllers using current reference evapotranspiration data (e.g., CIMIS) or soil moisture sensor data.

(4) Parameters used to set the automatic controller shall be developed and submitted for each of the following:

(A) the plant establishment period;

(B) the established landscape; and

(C) temporarily irrigated areas.

(5) Each irrigation schedule shall consider for each station all of the following that apply:

(A) irrigation interval (days between irrigation);

(B) irrigation run times (hours or minutes per irrigation event to avoid runoff);

(C) number of cycle starts required for each irrigation event to avoid runoff;

(D) amount of applied water scheduled to be applied on a monthly basis;

(E) application rate setting;

(F) root depth setting;

(G) plant type setting;

(H) soil type;

(I) slope factor setting;

(J) shade factor setting; and

(K) irrigation uniformity or efficiency setting.

NOTE: Authority cited: Section 65595, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 492.11. Landscape and Irrigation Maintenance Schedule.

(a) Landscapes shall be maintained to ensure water use efficiency. A regular maintenance schedule shall be submitted with the Certificate of Completion.

(b) A regular maintenance schedule shall include, but not be limited to, routine inspection; auditing, adjustment and repair of the irrigation system and its components; aerating and dethatching turf areas; topdressing with compost, replenishing mulch; fertilizing; pruning; weeding in all landscape areas, and removing obstructions to emission devices. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.

(c) Repair of all irrigation equipment shall be done with the originally installed components or their equivalents or with components with greater efficiency.

(d) A project applicant is encouraged to implement established landscape industry sustainable Best Practices for all landscape maintenance activities.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.12. Irrigation Audit, Irrigation Survey, and Irrigation Water Use Analysis.

(a) All landscape irrigation audits shall be conducted by a local agency landscape irrigation auditor or a third party certified landscape irrigation auditor. Landscape audits shall not be conducted by the person who designed the landscape or installed the landscape.

(b) In large projects or projects with multiple landscape installations (i.e. production home developments) an auditing rate of 1 in 7 lots or approximately 15% will satisfy this requirement.

(c) For new construction and rehabilitated landscape projects installed after December 1, 2015, as described in Section 490.1:

(1) the project applicant shall submit an irrigation audit report with the Certificate of Completion to the local agency that may include, but is not limited to: inspection, system tune-up, system test with distribution uniformity, reporting overspray or run off that causes overland flow, and preparation of an irrigation schedule, including configuring irrigation controllers with application rate, soil types, plant factors, slope, exposure and any other factors necessary for accurate programming;

(2) the local agency shall administer programs that may include, but not be limited to, irrigation water use analysis, irrigation audits, and irrigation surveys for compliance with the Maximum Applied Water Allowance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.13. Irrigation Efficiency.

(a) For the purpose of determining Estimated Total Water Use, average irrigation efficiency is assumed to be 0.75 for overhead spray devices and 0.81 for drip system devices.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596,

Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.14. **Recycled Water.**

(a) The installation of recycled water irrigation systems shall allow for the current and future use of recycled water.

(b) All recycled water irrigation systems shall be designed and operated in accordance with all applicable local and State laws.

(c) Landscapes using recycled water are considered Special Landscape Areas. The ET Adjustment Factor for new and existing (non-rehabilitated) Special Landscape Areas shall not exceed 1.0.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.15. **Graywater Systems.**

(a) Graywater systems promote the efficient use of water and are encouraged to assist in on-site landscape irrigation. All graywater systems shall conform to the California Plumbing Code (Title 24, Part 5, Chapter 16) and any applicable local ordinance standards. Refer to § 490.1 (d) for the applicability of this ordinance to landscape areas less than 2,500 square feet with the Estimated Total Water Use met entirely by graywater.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.15 to 492.16, new section 492.15 and amendment of NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.16. **Stormwater Management and Rainwater Retention.**

(a) Stormwater management practices minimize runoff and increase infiltration which recharges groundwater and improves water quality. Implementing stormwater best management practices into the landscape and grading design plans to minimize runoff and to increase on-site rainwater retention and infiltration are encouraged.

(b) Project applicants shall refer to the local agency or Regional Water Quality Control Board for information on any applicable stormwater technical requirements.

(c) All planted landscape areas are required to have friable soil to maximize water retention and infiltration. Refer to § 492.6(a)(3).

(d) It is strongly recommended that landscape areas be designed for capture and infiltration capacity that is sufficient to prevent runoff from impervious surfaces (i.e. roof and paved areas) from either: the one inch, 24-hour rain event or (2) the 85th percentile, 24-hour rain event, and/or additional capacity as required by any applicable local, regional, state or federal regulation.

(e) It is recommended that storm water projects incorporate any of the following elements to improve on-site storm water and dry weather runoff capture and use:

- Grade impervious surfaces, such as driveways, during construction to drain to vegetated areas.

- Minimize the area of impervious surfaces such as paved areas, roof and concrete driveways.
- Incorporate pervious or porous surfaces (e.g., gravel, permeable pavers or blocks, pervious or porous concrete) that minimize runoff.
- Direct runoff from paved surfaces and roof areas into planting beds or landscaped areas to maximize site water capture and reuse.
- Incorporate rain gardens, cisterns, and other rain harvesting or catchment systems.
- Incorporate infiltration beds, swales, basins and drywells to capture storm water and dry weather runoff and increase percolation into the soil.
- Consider constructed wetlands and ponds that retain water, equalize excess flow, and filter pollutants.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.16 to section 492.17 and renumbering of former section 492.15 to new section 492.16, including amendment of section heading, section and NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.17. **Public Education.**

(a) Publications. Education is a critical component to promote the efficient use of water in landscapes. The use of appropriate principles of design, installation, management and maintenance that save water is encouraged in the community.

(1) A local agency or water supplier/purveyor shall provide information to owners of permitted renovations and new, single-family residential homes regarding the design, installation, management, and maintenance of water efficient landscapes based on a water budget.

(b) Model Homes. All model homes that are landscaped shall use signs and written information to demonstrate the principles of water efficient landscapes described in this ordinance.

(1) Signs shall be used to identify the model as an example of a water efficient landscape featuring elements such as hydrozones, irrigation equipment, and others that contribute to the overall water efficient theme. Signage shall include information about the site water use as designed per the local ordinance; specify who designed and installed the water efficient landscape; and demonstrate low water use approaches to landscaping such as using native plants, graywater systems, and rainwater catchment systems.

(2) Information shall be provided about designing, installing, managing, and maintaining water efficient landscapes.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Renumbering of former section 492.17 to new section 492.18 and renumbering of former section 492.16 to new section 492.17, including amendment of section and NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 492.18. **Environmental Review.**

(a) The local agency must comply with the California Environmental Quality Act (CEQA), as appropriate.

NOTE: Authority cited: Section 21082, Public Resources Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Sections 21080 and 21082, Public Resources Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. Renumbering of former section 492.17 to new section 492.18, including amendment of NOTE, filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493. Provisions for Existing Landscapes.

(a) A local agency may by mutual agreement, designate another agency, such as a water purveyor, to implement some or all of the requirements contained in this ordinance. Local agencies may collaborate with water purveyors to define each entity's specific responsibilities relating to this ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 7-31-92; operative 7-31-92 (Register 92, No. 32).
2. Repealer and new section and amendment of NOTE filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
3. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493.1. Irrigation Audit, Irrigation Survey, and Irrigation Water Use Analysis.

(a) This section, 493.1, shall apply to all existing landscapes that were installed before December 1, 2015 and are over one acre in size.

(1) For all landscapes in 493.1 (a) that have a water meter, the local agency shall administer programs that may include, but not be limited to, irrigation water use analyses, irrigation surveys, and irrigation audits to evaluate water use and provide recommendations as necessary to reduce landscape water use to a level that does not exceed the Maximum Applied Water Allowance for existing landscapes. The Maximum Applied Water Allowance for existing landscapes shall be calculated as: $MAWA = (0.8)(ET_o)(LA)$ (0.62).

(2) For all landscapes in 493.1(a), that do not have a meter, the local agency shall administer programs that may include, but not be limited to, irrigation surveys and irrigation audits to evaluate water use and provide recommendations as necessary in order to prevent water waste.

(b) All landscape irrigation audits shall be conducted by a certified landscape irrigation auditor.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of subsection (a) and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 493.2. Water Waste Prevention.

(a) Local agencies shall prevent water waste resulting from inefficient landscape irrigation by prohibiting runoff from leaving the target landscape due to low head drainage, overspray, or other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways, parking lots, or structures. Penalties for violation of these prohibitions shall be established locally.

(b) Restrictions regarding overspray and runoff may be modified if:

(1) the landscape area is adjacent to permeable surfacing and no runoff occurs; or

(2) the adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping.

NOTE: Authority cited: Section 65594, Government Code. Reference: Section 65596, Government Code.

HISTORY

1. New section filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

§ 494. Effective Precipitation.

(a) A local agency may consider Effective Precipitation (25% of annual precipitation) in tracking water use and may use the following equation to calculate Maximum Applied Water Allowance:

$MAWA = (ET_o - Eppt)(0.62) [(0.55 \times LA) + (0.45 \times SLA)]$ for residential areas.

$MAWA = (ET_o - EPPT)(0.62) [(0.45 \times LA) + (0.55 \times SLA)]$ for non-residential areas.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. Repealer and new section; new NOTE and new Appendices A-C filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).
2. Amendment of section and NOTE filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

§ 495. Reporting.

(a) Local agencies shall report on implementation and enforcement by December 31, 2015. Local agencies responsible for administering individual ordinances shall report on their updated ordinance, while those agencies developing a regional ordinance shall report on their existing ordinance. Those agencies crafting a regional ordinance shall also report on their new ordinance by March 1, 2016. Subsequently, reporting for all agencies will be due by January 31st of each year. Reports shall be submitted to the Department of Water Resources.

(b) Local agencies are to address the following:

(1) State whether you are adopting a single agency ordinance or a regional agency alliance ordinance, and the date of adoption or anticipated date of adoption.

(2) Define the reporting period. The reporting period shall commence on December 1, 2015 and the end on December 28, 2015. For local agencies crafting regional ordinances with other agencies, there shall be an additional reporting period commencing on February 1, 2016 and ending on February 28, 2016. In subsequent years, all local agency reporting will be for the calendar year.

(3) State if using a locally modified Water Efficient Landscape Ordinance (WELO) or the MWELO. If using a locally modified WELO, how is it different than MWELO, is it at least as efficient as MWELO, and are there any exemptions specified?

(4) State the entity responsible for implementing the ordinance.

(5) State number and types of projects subject to the ordinance during the specified reporting period.

(6) State the total area (in square feet or acres) subject to the ordinance over the reporting period, if available.

(7) Provide the number of new housing starts, new commercial projects, and landscape retrofits during the reporting period.

(8) Describe the procedure for review of projects subject to the ordinance.

(9) Describe actions taken to verify compliance. Is a plan check performed; if so, by what entity? Is a site inspection performed; if so, by what entity? Is a post-installation audit required; if so, by whom?

(10) Describe enforcement measures.

(11) Explain challenges to implementing and enforcing the ordinance.

(12) Describe educational and other needs to properly apply the ordinance.

NOTE: Authority cited: Section 65595, Government Code; and sections 11 and 30, Governor's Exec. Order No. B-29-15 (April 1, 2015). Reference: Section 65596, Government Code; and section 11, Governor's Exec. Order No. B-29-15 (April 1, 2015).

HISTORY

1. New section filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38). For prior history, see Register 2009, No. 37.

Appendix A. Reference Evapotranspiration (ETo) Table

| Appendix A - Reference Evapotranspiration (ETo) Table* | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ETo |
| ALAMEDA | | | | | | | | | | | | | |
| Fremont | 1.5 | 1.9 | 3.4 | 4.7 | 5.4 | 6.3 | 6.7 | 6.0 | 4.5 | 3.4 | 1.8 | 1.5 | 47.0 |
| Livermore | 1.2 | 1.5 | 2.9 | 4.4 | 5.9 | 6.6 | 7.4 | 6.4 | 5.3 | 3.2 | 1.5 | 0.9 | 47.2 |
| Oakland | 1.5 | 1.5 | 2.8 | 3.9 | 5.1 | 5.3 | 6.0 | 5.5 | 4.8 | 3.1 | 1.4 | 0.9 | 41.8 |
| Oakland Foothills | 1.1 | 1.4 | 2.7 | 3.7 | 5.1 | 6.4 | 5.8 | 4.9 | 3.6 | 2.6 | 1.4 | 1.0 | 39.6 |
| Pleasanton | 0.8 | 1.5 | 2.9 | 4.4 | 5.6 | 6.7 | 7.4 | 6.4 | 4.7 | 3.3 | 1.5 | 1.0 | 46.2 |
| Union City | 1.4 | 1.8 | 3.1 | 4.2 | 5.4 | 5.9 | 6.4 | 5.7 | 4.4 | 3.1 | 1.5 | 1.2 | 44.2 |
| ALPINE | | | | | | | | | | | | | |
| Markleeville | 0.7 | 0.9 | 2.0 | 3.5 | 5.0 | 6.1 | 7.3 | 6.4 | 4.4 | 2.6 | 1.2 | 0.5 | 40.6 |
| AMADOR | | | | | | | | | | | | | |
| Jackson | 1.2 | 1.5 | 2.8 | 4.4 | 6.0 | 7.2 | 7.9 | 7.2 | 5.3 | 3.2 | 1.4 | 0.9 | 48.9 |
| Shanandoah Valley | 1.0 | 1.7 | 2.9 | 4.4 | 5.6 | 6.8 | 7.9 | 7.1 | 5.2 | 3.6 | 1.7 | 1.0 | 48.8 |
| BUTTE | | | | | | | | | | | | | |
| Chico | 1.2 | 1.8 | 2.9 | 4.7 | 6.1 | 7.4 | 8.5 | 7.3 | 5.4 | 3.7 | 1.7 | 1.0 | 51.7 |
| Durham | 1.1 | 1.8 | 3.2 | 5.0 | 6.5 | 7.4 | 7.8 | 6.9 | 5.3 | 3.6 | 1.7 | 1.0 | 51.1 |
| Gridley | 1.2 | 1.8 | 3.0 | 4.7 | 6.1 | 7.7 | 8.5 | 7.1 | 5.4 | 3.7 | 1.7 | 1.0 | 51.9 |
| Oroville | 1.2 | 1.7 | 2.8 | 4.7 | 6.1 | 7.6 | 8.5 | 7.3 | 5.3 | 3.7 | 1.7 | 1.0 | 51.5 |
| CALAVERAS | | | | | | | | | | | | | |
| San Andreas | 1.2 | 1.5 | 2.8 | 4.4 | 6.0 | 7.3 | 7.9 | 7.0 | 5.3 | 3.2 | 1.4 | 0.7 | 48.8 |
| COLUSA | | | | | | | | | | | | | |
| Colusa | 1.0 | 1.7 | 3.4 | 5.0 | 6.4 | 7.6 | 8.3 | 7.2 | 5.4 | 3.8 | 1.8 | 1.1 | 52.8 |
| Williams | 1.2 | 1.7 | 2.9 | 4.5 | 6.1 | 7.2 | 8.5 | 7.3 | 5.3 | 3.4 | 1.6 | 1.0 | 50.8 |
| CONTRA COSTA | | | | | | | | | | | | | |
| Brentwood | 1.0 | 1.5 | 2.9 | 4.5 | 6.1 | 7.1 | 7.9 | 6.7 | 5.2 | 3.2 | 1.4 | 0.7 | 48.3 |
| Concord | 1.1 | 1.4 | 2.4 | 4.0 | 5.5 | 5.9 | 7.0 | 6.0 | 4.8 | 3.2 | 1.3 | 0.7 | 43.4 |
| Courtland | 0.9 | 1.5 | 2.9 | 4.4 | 6.1 | 6.9 | 7.9 | 6.7 | 5.3 | 3.2 | 1.4 | 0.7 | 48.0 |
| Martinez | 1.2 | 1.4 | 2.4 | 3.9 | 5.3 | 5.6 | 6.7 | 5.6 | 4.7 | 3.1 | 1.2 | 0.7 | 41.8 |
| Moraga | 1.2 | 1.5 | 3.4 | 4.2 | 5.5 | 6.1 | 6.7 | 5.9 | 4.6 | 3.2 | 1.6 | 1.0 | 44.9 |
| Pittsburg | 1.0 | 1.5 | 2.8 | 4.1 | 5.6 | 6.4 | 7.4 | 6.4 | 5.0 | 3.2 | 1.3 | 0.7 | 45.4 |
| Walnut Creek | 0.8 | 1.5 | 2.9 | 4.4 | 5.6 | 6.7 | 7.4 | 6.4 | 4.7 | 3.3 | 1.5 | 1.0 | 46.2 |
| DEL NORTE | | | | | | | | | | | | | |
| Crescent City | 0.5 | 0.9 | 2.0 | 3.0 | 3.7 | 3.5 | 4.3 | 3.7 | 3.0 | 2.0 | 0.9 | 0.5 | 27.7 |
| EL DORADO | | | | | | | | | | | | | |
| Camino | 0.9 | 1.7 | 2.5 | 3.9 | 5.9 | 7.2 | 7.8 | 6.8 | 5.1 | 3.1 | 1.5 | 0.9 | 47.3 |
| FRESNO | | | | | | | | | | | | | |
| Clovis | 1.0 | 1.5 | 3.2 | 4.8 | 6.4 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.4 |
| Coalinga | 1.2 | 1.7 | 3.1 | 4.6 | 6.2 | 7.2 | 8.5 | 7.3 | 5.3 | 3.4 | 1.6 | 0.7 | 50.9 |
| Firebaugh | 1.0 | 1.8 | 3.7 | 5.7 | 7.3 | 8.1 | 8.2 | 7.2 | 5.5 | 3.9 | 2.0 | 1.1 | 55.4 |
| FivePoints | 1.3 | 2.0 | 4.0 | 6.1 | 7.7 | 8.5 | 8.7 | 8.0 | 6.2 | 4.5 | 2.4 | 1.2 | 60.4 |
| Fresno | 0.9 | 1.7 | 3.3 | 4.8 | 6.7 | 7.8 | 8.4 | 7.1 | 5.2 | 3.2 | 1.4 | 0.6 | 51.1 |
| Fresno State | 0.9 | 1.6 | 3.2 | 5.2 | 7.0 | 8.0 | 8.7 | 7.6 | 5.4 | 3.6 | 1.7 | 0.9 | 53.7 |
| Friant | 1.2 | 1.5 | 3.1 | 4.7 | 6.4 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.3 |
| Kerman | 0.9 | 1.5 | 3.2 | 4.8 | 6.6 | 7.7 | 8.4 | 7.2 | 5.3 | 3.4 | 1.4 | 0.7 | 51.2 |
| Kingsburg | 1.0 | 1.5 | 3.4 | 4.8 | 6.6 | 7.7 | 8.4 | 7.2 | 5.3 | 3.4 | 1.4 | 0.7 | 51.6 |
| Mendota | 1.5 | 2.5 | 4.6 | 6.2 | 7.9 | 8.6 | 8.8 | 7.5 | 5.9 | 4.5 | 2.4 | 1.5 | 61.7 |
| Orange Cove | 1.2 | 1.9 | 3.5 | 4.7 | 7.4 | 8.5 | 8.9 | 7.9 | 5.9 | 3.7 | 1.8 | 1.2 | 56.7 |
| Panoche | 1.1 | 2.0 | 4.0 | 5.6 | 7.8 | 8.5 | 8.3 | 7.3 | 5.6 | 3.9 | 1.8 | 1.2 | 57.2 |
| Parlier | 1.0 | 1.9 | 3.6 | 5.2 | 6.8 | 7.6 | 8.1 | 7.0 | 5.1 | 3.4 | 1.7 | 0.9 | 52.0 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| FRESNO | | | | | | | | | | | | | |
| Reedley | 1.1 | 1.5 | 3.2 | 4.7 | 6.4 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.3 |
| Westlands | 0.9 | 1.7 | 3.8 | 6.3 | 8.0 | 8.6 | 8.6 | 7.8 | 5.9 | 4.3 | 2.1 | 1.1 | 58.8 |
| GLENN | | | | | | | | | | | | | |
| Orland | 1.1 | 1.8 | 3.4 | 5.0 | 6.4 | 7.5 | 7.9 | 6.7 | 5.3 | 3.9 | 1.8 | 1.4 | 52.1 |
| Willows | 1.2 | 1.7 | 2.9 | 4.7 | 6.1 | 7.2 | 8.5 | 7.3 | 5.3 | 3.6 | 1.7 | 1.0 | 51.3 |
| HUMBOLDT | | | | | | | | | | | | | |
| Eureka | 0.5 | 1.1 | 2.0 | 3.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.0 | 2.0 | 0.9 | 0.5 | 27.5 |
| Ferndale | 0.5 | 1.1 | 2.0 | 3.0 | 3.7 | 3.7 | 3.7 | 3.7 | 3.0 | 2.0 | 0.9 | 0.5 | 27.5 |
| Garberville | 0.6 | 1.2 | 2.2 | 3.1 | 4.5 | 5.0 | 5.5 | 4.9 | 3.8 | 2.4 | 1.0 | 0.7 | 34.9 |
| Hoopa | 0.5 | 1.1 | 2.1 | 3.0 | 4.4 | 5.4 | 6.1 | 5.1 | 3.8 | 2.4 | 0.9 | 0.7 | 35.6 |
| IMPERIAL | | | | | | | | | | | | | |
| Brawley | 2.8 | 3.8 | 5.9 | 8.0 | 10.4 | 11.5 | 11.7 | 10.0 | 8.4 | 6.2 | 3.5 | 2.1 | 84.2 |
| Calipatria/Mulberry | 2.4 | 3.2 | 5.1 | 6.8 | 8.6 | 9.2 | 9.2 | 8.6 | 7.0 | 5.2 | 3.1 | 2.3 | 70.7 |
| El Centro | 2.7 | 3.5 | 5.6 | 7.9 | 10.1 | 11.1 | 11.6 | 9.5 | 8.3 | 6.1 | 3.3 | 2.0 | 81.7 |
| Holtville | 2.8 | 3.8 | 5.9 | 7.9 | 10.4 | 11.6 | 12.0 | 10.0 | 8.6 | 6.2 | 3.5 | 2.1 | 84.7 |
| Meloland | 2.5 | 3.2 | 5.5 | 7.5 | 8.9 | 9.2 | 9.0 | 8.5 | 6.8 | 5.3 | 3.1 | 2.2 | 71.6 |
| Palo Verde II | 2.5 | 3.3 | 5.7 | 6.9 | 8.5 | 8.9 | 8.6 | 7.9 | 6.2 | 4.5 | 2.9 | 2.3 | 68.2 |
| Seeley | 2.7 | 3.5 | 5.9 | 7.7 | 9.7 | 10.1 | 9.3 | 8.3 | 6.9 | 5.5 | 3.4 | 2.2 | 75.4 |
| Westmoreland | 2.4 | 3.3 | 5.3 | 6.9 | 8.7 | 9.6 | 9.6 | 8.7 | 6.9 | 5.0 | 3.0 | 2.2 | 71.4 |
| Yuma | 2.5 | 3.4 | 5.3 | 6.9 | 8.7 | 9.6 | 9.6 | 8.7 | 6.9 | 5.0 | 3.0 | 2.2 | 71.6 |
| INYO | | | | | | | | | | | | | |
| Bishop | 1.7 | 2.7 | 4.8 | 6.7 | 8.2 | 10.9 | 7.4 | 9.6 | 7.4 | 4.8 | 2.5 | 1.6 | 68.3 |
| Death Valley Jct | 2.2 | 3.3 | 5.4 | 7.7 | 9.8 | 11.1 | 11.4 | 10.1 | 8.3 | 5.4 | 2.9 | 1.7 | 79.1 |
| Independence | 1.7 | 2.7 | 3.4 | 6.6 | 8.5 | 9.5 | 9.8 | 8.5 | 7.1 | 3.9 | 2.0 | 1.5 | 65.2 |
| Lower Haiwee Res. | 1.8 | 2.7 | 4.4 | 7.1 | 8.5 | 9.5 | 9.8 | 8.5 | 7.1 | 4.2 | 2.6 | 1.5 | 67.6 |
| Oasis | 2.7 | 2.8 | 5.9 | 8.0 | 10.4 | 11.7 | 11.6 | 10.0 | 8.4 | 6.2 | 3.4 | 2.1 | 83.1 |
| KERN | | | | | | | | | | | | | |
| Arvin | 1.2 | 1.8 | 3.5 | 4.7 | 6.6 | 7.4 | 8.1 | 7.3 | 5.3 | 3.4 | 1.7 | 1.0 | 51.9 |
| Bakersfield | 1.0 | 1.8 | 3.5 | 4.7 | 6.6 | 7.7 | 8.5 | 7.3 | 5.3 | 3.5 | 1.6 | 0.9 | 52.4 |
| Bakersfield/Bonanza | 1.2 | 2.2 | 3.7 | 5.7 | 7.4 | 8.2 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.2 | 57.9 |
| Bakersfield/Greenlee | 1.2 | 2.2 | 3.7 | 5.7 | 7.4 | 8.2 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.2 | 57.9 |
| Belridge | 1.4 | 2.2 | 4.1 | 5.5 | 7.7 | 8.5 | 8.6 | 7.8 | 6.0 | 3.8 | 2.0 | 1.5 | 59.2 |
| Blackwells Corner | 1.4 | 2.1 | 3.8 | 5.4 | 7.0 | 7.8 | 8.5 | 7.7 | 5.8 | 3.9 | 1.9 | 1.2 | 56.6 |
| Buttonwillow | 1.0 | 1.8 | 3.2 | 4.7 | 6.6 | 7.7 | 8.5 | 7.3 | 5.4 | 3.4 | 1.5 | 0.9 | 52.0 |
| China Lake | 2.1 | 3.2 | 5.3 | 7.7 | 9.2 | 10.0 | 11.0 | 9.8 | 7.3 | 4.9 | 2.7 | 1.7 | 74.8 |
| Delano | 0.9 | 1.8 | 3.4 | 4.7 | 6.6 | 7.7 | 8.5 | 7.3 | 5.4 | 3.4 | 1.4 | 0.7 | 52.0 |
| Famoso | 1.3 | 1.9 | 3.5 | 4.8 | 6.7 | 7.6 | 8.0 | 7.3 | 5.5 | 3.5 | 1.7 | 1.3 | 53.1 |
| Grapevine | 1.3 | 1.8 | 3.1 | 4.4 | 5.6 | 6.8 | 7.6 | 6.8 | 5.9 | 3.4 | 1.9 | 1.0 | 49.5 |
| Inyokern | 2.0 | 3.1 | 4.9 | 7.3 | 8.5 | 9.7 | 11.0 | 9.4 | 7.1 | 5.1 | 2.6 | 1.7 | 72.4 |
| Isabella Dam | 1.2 | 1.4 | 2.8 | 4.4 | 5.8 | 7.3 | 7.9 | 7.0 | 5.0 | 3.2 | 1.7 | 0.9 | 48.4 |
| Lamont | 1.3 | 2.4 | 4.4 | 4.6 | 6.5 | 7.0 | 8.8 | 7.6 | 5.7 | 3.7 | 1.6 | 0.8 | 54.4 |
| Lost Hills | 1.6 | 2.2 | 3.7 | 5.1 | 6.8 | 7.8 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.6 | 57.1 |
| McFarland/Kern | 1.2 | 2.1 | 3.7 | 5.6 | 7.3 | 8.0 | 8.3 | 7.4 | 5.6 | 4.1 | 2.0 | 1.2 | 56.5 |
| Shafter | 1.0 | 1.7 | 3.4 | 5.0 | 6.6 | 7.7 | 8.3 | 7.3 | 5.4 | 3.4 | 1.5 | 0.9 | 52.1 |
| Taft | 1.3 | 1.8 | 3.1 | 4.3 | 6.2 | 7.3 | 8.5 | 7.3 | 5.4 | 3.4 | 1.7 | 1.0 | 51.2 |
| Tehachapi | 1.4 | 1.8 | 3.2 | 5.0 | 6.1 | 7.7 | 7.9 | 7.3 | 5.9 | 3.4 | 2.1 | 1.2 | 52.9 |
| KINGS | | | | | | | | | | | | | |
| Caruthers | 1.6 | 2.5 | 4.0 | 5.7 | 7.8 | 8.7 | 9.3 | 8.4 | 6.3 | 4.4 | 2.4 | 1.6 | 62.7 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| KINGS | | | | | | | | | | | | | |
| Corcoran | 1.6 | 2.2 | 3.7 | 5.1 | 6.8 | 7.8 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.6 | 57.1 |
| Hanford | 0.9 | 1.5 | 3.4 | 5.0 | 6.6 | 7.7 | 8.3 | 7.2 | 5.4 | 3.4 | 1.4 | 0.7 | 51.5 |
| Kettleman | 1.1 | 2.0 | 4.0 | 6.0 | 7.5 | 8.5 | 9.1 | 8.2 | 6.1 | 4.5 | 2.2 | 1.1 | 60.2 |
| Lemoore | 0.9 | 1.5 | 3.4 | 5.0 | 6.6 | 7.7 | 8.3 | 7.3 | 5.4 | 3.4 | 1.4 | 0.7 | 51.7 |
| Stratford | 0.9 | 1.9 | 3.9 | 6.1 | 7.8 | 8.6 | 8.8 | 7.7 | 5.9 | 4.1 | 2.1 | 1.0 | 58.7 |
| LAKE | | | | | | | | | | | | | |
| Lakeport | 1.1 | 1.3 | 2.6 | 3.5 | 5.1 | 6.0 | 7.3 | 6.1 | 4.7 | 2.9 | 1.2 | 0.9 | 42.8 |
| Lower Lake | 1.2 | 1.4 | 2.7 | 4.5 | 5.3 | 6.3 | 7.4 | 6.4 | 5.0 | 3.1 | 1.3 | 0.9 | 45.4 |
| LASSEN | | | | | | | | | | | | | |
| Buntingville | 1.0 | 1.7 | 3.5 | 4.9 | 6.2 | 7.3 | 8.4 | 7.5 | 5.4 | 3.4 | 1.5 | 0.9 | 51.8 |
| Ravendale | 0.6 | 1.1 | 2.3 | 4.1 | 5.6 | 6.7 | 7.9 | 7.3 | 4.7 | 2.8 | 1.2 | 0.5 | 44.9 |
| Susanville | 0.7 | 1.0 | 2.2 | 4.1 | 5.6 | 6.5 | 7.8 | 7.0 | 4.6 | 2.8 | 1.2 | 0.5 | 44.0 |
| LOS ANGELES | | | | | | | | | | | | | |
| Burbank | 2.1 | 2.8 | 3.7 | 4.7 | 5.1 | 6.0 | 6.6 | 6.7 | 5.4 | 4.0 | 2.6 | 2.0 | 51.7 |
| Claremont | 2.0 | 2.3 | 3.4 | 4.6 | 5.0 | 6.0 | 7.0 | 7.0 | 5.3 | 4.0 | 2.7 | 2.1 | 51.3 |
| El Dorado | 1.7 | 2.2 | 3.6 | 4.8 | 5.1 | 5.7 | 5.9 | 5.9 | 4.4 | 3.2 | 2.2 | 1.7 | 46.3 |
| Glendale | 2.0 | 2.2 | 3.3 | 3.8 | 4.7 | 4.8 | 5.7 | 5.6 | 4.3 | 3.3 | 2.2 | 1.8 | 43.7 |
| Glendora | 2.0 | 2.5 | 3.6 | 4.9 | 5.4 | 6.1 | 7.3 | 6.8 | 5.7 | 4.2 | 2.6 | 2.0 | 53.1 |
| Gorman | 1.6 | 2.2 | 3.4 | 4.6 | 5.5 | 7.4 | 7.7 | 7.1 | 5.9 | 3.6 | 2.4 | 1.1 | 52.4 |
| Hollywood Hills | 2.1 | 2.2 | 3.8 | 5.4 | 6.0 | 6.5 | 6.7 | 6.4 | 5.2 | 3.7 | 2.8 | 2.1 | 52.8 |
| Lancaster | 2.1 | 3.0 | 4.6 | 5.9 | 8.5 | 9.7 | 11.0 | 9.8 | 7.3 | 4.6 | 2.8 | 1.7 | 71.1 |
| Long Beach | 1.8 | 2.1 | 3.3 | 3.9 | 4.5 | 4.3 | 5.3 | 4.7 | 3.7 | 2.8 | 1.8 | 1.5 | 39.7 |
| Los Angeles | 2.2 | 2.7 | 3.7 | 4.7 | 5.5 | 5.8 | 6.2 | 5.9 | 5.0 | 3.9 | 2.6 | 1.9 | 50.1 |
| Monrovia | 2.2 | 2.3 | 3.8 | 4.3 | 5.5 | 5.9 | 6.9 | 6.4 | 5.1 | 3.2 | 2.5 | 2.0 | 50.2 |
| Palmdale | 2.0 | 2.6 | 4.6 | 6.2 | 7.3 | 8.9 | 9.8 | 9.0 | 6.5 | 4.7 | 2.7 | 2.1 | 66.2 |
| Pasadena | 2.1 | 2.7 | 3.7 | 4.7 | 5.1 | 6.0 | 7.1 | 6.7 | 5.6 | 4.2 | 2.6 | 2.0 | 52.3 |
| Pearblossom | 1.7 | 2.4 | 3.7 | 4.7 | 7.3 | 7.7 | 9.9 | 7.9 | 6.4 | 4.0 | 2.6 | 1.6 | 59.9 |
| Pomona | 1.7 | 2.0 | 3.4 | 4.5 | 5.0 | 5.8 | 6.5 | 6.4 | 4.7 | 3.5 | 2.3 | 1.7 | 47.5 |
| Redondo Beach | 2.2 | 2.4 | 3.3 | 3.8 | 4.5 | 4.7 | 5.4 | 4.8 | 4.4 | 2.8 | 2.4 | 2.0 | 42.6 |
| San Fernando | 2.0 | 2.7 | 3.5 | 4.6 | 5.5 | 5.9 | 7.3 | 6.7 | 5.3 | 3.9 | 2.6 | 2.0 | 52.0 |
| Santa Clarita | 2.8 | 2.8 | 4.1 | 5.6 | 6.0 | 6.8 | 7.6 | 7.8 | 5.8 | 5.2 | 3.7 | 3.2 | 61.5 |
| Santa Monica | 1.8 | 2.1 | 3.3 | 4.5 | 4.7 | 5.0 | 5.4 | 5.4 | 3.9 | 3.4 | 2.4 | 2.2 | 44.2 |
| MADERA | | | | | | | | | | | | | |
| Chowchilla | 1.0 | 1.4 | 3.2 | 4.7 | 6.6 | 7.8 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.4 |
| Madera | 0.9 | 1.4 | 3.2 | 4.8 | 6.6 | 7.8 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.5 |
| Raymond | 1.2 | 1.5 | 3.0 | 4.6 | 6.1 | 7.6 | 8.4 | 7.3 | 5.2 | 3.4 | 1.4 | 0.7 | 50.5 |
| MARIN | | | | | | | | | | | | | |
| Black Point | 1.1 | 1.7 | 3.0 | 4.2 | 5.2 | 6.2 | 6.6 | 5.8 | 4.3 | 2.8 | 1.3 | 0.9 | 43.0 |
| Novato | 1.3 | 1.5 | 2.4 | 3.5 | 4.4 | 6.0 | 5.9 | 5.4 | 4.4 | 2.8 | 1.4 | 0.7 | 39.8 |
| Point San Pedro | 1.1 | 1.7 | 3.0 | 4.2 | 5.2 | 6.2 | 6.6 | 5.8 | 4.3 | 2.8 | 1.3 | 0.9 | 43.0 |
| San Rafael | 1.2 | 1.3 | 2.4 | 3.3 | 4.0 | 4.8 | 4.8 | 4.9 | 4.3 | 2.7 | 1.3 | 0.7 | 35.8 |
| MARIPOSA | | | | | | | | | | | | | |
| Coulterville | 1.1 | 1.5 | 2.8 | 4.4 | 5.9 | 7.3 | 8.1 | 7.0 | 5.3 | 3.4 | 1.4 | 0.7 | 48.8 |
| Mariposa | 1.1 | 1.5 | 2.8 | 4.4 | 5.9 | 7.4 | 8.2 | 7.1 | 5.0 | 3.4 | 1.4 | 0.7 | 49.0 |
| Yosemite Village | 0.7 | 1.0 | 2.3 | 3.7 | 5.1 | 6.5 | 7.1 | 6.1 | 4.4 | 2.9 | 1.1 | 0.6 | 41.4 |
| MENDOCINO | | | | | | | | | | | | | |
| Fort Bragg | 0.9 | 1.3 | 2.2 | 3.0 | 3.7 | 3.5 | 3.7 | 3.7 | 3.0 | 2.3 | 1.2 | 0.7 | 29.0 |
| Hopland | 1.1 | 1.3 | 2.6 | 3.4 | 5.0 | 5.9 | 6.5 | 5.7 | 4.5 | 2.8 | 1.3 | 0.7 | 40.9 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| MENDOCINO | | | | | | | | | | | | | |
| Point Arena | 1.0 | 1.3 | 2.3 | 3.0 | 3.7 | 3.9 | 3.7 | 3.7 | 3.0 | 2.3 | 1.2 | 0.7 | 29.6 |
| Sanel Valley | 1.0 | 1.6 | 3.0 | 4.6 | 6.0 | 7.0 | 8.0 | 7.0 | 5.2 | 3.4 | 1.4 | 0.9 | 49.1 |
| Ukiah | 1.0 | 1.3 | 2.6 | 3.3 | 5.0 | 5.8 | 6.7 | 5.9 | 4.5 | 2.8 | 1.3 | 0.7 | 40.9 |
| MERCED | | | | | | | | | | | | | |
| Kesterson | 0.9 | 1.7 | 3.4 | 5.5 | 7.3 | 8.2 | 8.6 | 7.4 | 5.5 | 3.8 | 1.8 | 0.9 | 55.1 |
| Los Banos | 1.0 | 1.5 | 3.2 | 4.7 | 6.1 | 7.4 | 8.2 | 7.0 | 5.3 | 3.4 | 1.4 | 0.7 | 50.0 |
| Merced | 1.0 | 1.5 | 3.2 | 4.7 | 6.6 | 7.9 | 8.5 | 7.2 | 5.3 | 3.4 | 1.4 | 0.7 | 51.5 |
| MODOC | | | | | | | | | | | | | |
| Modoc/Alturas | 0.9 | 1.4 | 2.8 | 3.7 | 5.1 | 6.2 | 7.5 | 6.6 | 4.6 | 2.8 | 1.2 | 0.7 | 43.2 |
| MONO | | | | | | | | | | | | | |
| Bridgeport | 0.7 | 0.9 | 2.2 | 3.8 | 5.5 | 6.6 | 7.4 | 6.7 | 4.7 | 2.7 | 1.2 | 0.5 | 43.0 |
| MONTEREY | | | | | | | | | | | | | |
| Arroyo Seco | 1.5 | 2.0 | 3.7 | 5.4 | 6.3 | 7.3 | 7.2 | 6.7 | 5.0 | 3.9 | 2.0 | 1.6 | 52.6 |
| Castroville | 1.4 | 1.7 | 3.0 | 4.2 | 4.6 | 4.8 | 4.0 | 3.8 | 3.0 | 2.6 | 1.6 | 1.4 | 36.2 |
| Gonzales | 1.3 | 1.7 | 3.4 | 4.7 | 5.4 | 6.3 | 6.3 | 5.9 | 4.4 | 3.4 | 1.9 | 1.3 | 45.7 |
| Greenfield | 1.8 | 2.2 | 3.4 | 4.8 | 5.6 | 6.3 | 6.5 | 6.2 | 4.8 | 3.7 | 2.4 | 1.8 | 49.5 |
| King City | 1.7 | 2.0 | 3.4 | 4.4 | 4.4 | 5.6 | 6.1 | 6.7 | 6.5 | 5.2 | 2.2 | 1.3 | 49.6 |
| King City-Oasis Rd. | 1.4 | 1.9 | 3.6 | 5.3 | 6.5 | 7.3 | 7.4 | 6.8 | 5.1 | 4.0 | 2.0 | 1.5 | 52.7 |
| Long Valley | 1.5 | 1.9 | 3.2 | 4.1 | 5.8 | 6.5 | 7.3 | 6.7 | 5.3 | 3.6 | 2.0 | 1.2 | 49.1 |
| Monterey | 1.7 | 1.8 | 2.7 | 3.5 | 4.0 | 4.1 | 4.3 | 4.2 | 3.5 | 2.8 | 1.9 | 1.5 | 36.0 |
| Pajaro | 1.8 | 2.2 | 3.7 | 4.8 | 5.3 | 5.7 | 5.6 | 5.3 | 4.3 | 3.4 | 2.4 | 1.8 | 46.1 |
| Salinas | 1.6 | 1.9 | 2.7 | 3.8 | 4.8 | 4.7 | 5.0 | 4.5 | 4.0 | 2.9 | 1.9 | 1.3 | 39.1 |
| Salinas North | 1.2 | 1.5 | 2.9 | 4.1 | 4.6 | 5.2 | 4.5 | 4.3 | 3.2 | 2.8 | 1.5 | 1.2 | 36.9 |
| San Ardo | 1.0 | 1.7 | 3.1 | 4.5 | 5.9 | 7.2 | 8.1 | 7.1 | 5.1 | 3.1 | 1.5 | 1.0 | 49.0 |
| San Juan | 1.8 | 2.1 | 3.4 | 4.6 | 5.3 | 5.7 | 5.5 | 4.9 | 3.8 | 3.2 | 2.2 | 1.9 | 44.2 |
| Soledad | 1.7 | 2.0 | 3.4 | 4.4 | 5.5 | 5.4 | 6.5 | 6.2 | 5.2 | 3.7 | 2.2 | 1.5 | 47.7 |
| NAPA | | | | | | | | | | | | | |
| Angwin | 1.8 | 1.9 | 3.2 | 4.7 | 5.8 | 7.3 | 8.1 | 7.1 | 5.5 | 4.5 | 2.9 | 2.1 | 54.9 |
| Carneros | 0.8 | 1.5 | 3.1 | 4.6 | 5.5 | 6.6 | 6.9 | 6.2 | 4.7 | 3.5 | 1.4 | 1.0 | 45.8 |
| Oakville | 1.0 | 1.5 | 2.9 | 4.7 | 5.8 | 6.9 | 7.2 | 6.4 | 4.9 | 3.5 | 1.6 | 1.2 | 47.7 |
| St Helena | 1.2 | 1.5 | 2.8 | 3.9 | 5.1 | 6.1 | 7.0 | 6.2 | 4.8 | 3.1 | 1.4 | 0.9 | 44.1 |
| Yountville | 1.3 | 1.7 | 2.8 | 3.9 | 5.1 | 6.0 | 7.1 | 6.1 | 4.8 | 3.1 | 1.5 | 0.9 | 44.3 |
| NEVADA | | | | | | | | | | | | | |
| Grass Valley | 1.1 | 1.5 | 2.6 | 4.0 | 5.7 | 7.1 | 7.9 | 7.1 | 5.3 | 3.2 | 1.5 | 0.9 | 48.0 |
| Nevada City | 1.1 | 1.5 | 2.6 | 3.9 | 5.8 | 6.9 | 7.9 | 7.0 | 5.3 | 3.2 | 1.4 | 0.9 | 47.4 |
| ORANGE | | | | | | | | | | | | | |
| Irvine | 2.2 | 2.5 | 3.7 | 4.7 | 5.2 | 5.9 | 6.3 | 6.2 | 4.6 | 3.7 | 2.6 | 2.3 | 49.6 |
| Laguna Beach | 2.2 | 2.7 | 3.4 | 3.8 | 4.6 | 4.6 | 4.9 | 4.9 | 4.4 | 3.4 | 2.4 | 2.0 | 43.2 |
| Santa Ana | 2.2 | 2.7 | 3.7 | 4.5 | 4.6 | 5.4 | 6.2 | 6.1 | 4.7 | 3.7 | 2.5 | 2.0 | 48.2 |
| PLACER | | | | | | | | | | | | | |
| Auburn | 1.2 | 1.7 | 2.8 | 4.4 | 6.1 | 7.4 | 8.3 | 7.3 | 5.4 | 3.4 | 1.6 | 1.0 | 50.6 |
| Blue Canyon | 0.7 | 1.1 | 2.1 | 3.4 | 4.8 | 6.0 | 7.2 | 6.1 | 4.6 | 2.9 | 0.9 | 0.6 | 40.5 |
| Colfax | 1.1 | 1.5 | 2.6 | 4.0 | 5.8 | 7.1 | 7.9 | 7.0 | 5.3 | 3.2 | 1.4 | 0.9 | 47.9 |
| Roseville | 1.1 | 1.7 | 3.1 | 4.7 | 6.2 | 7.7 | 8.5 | 7.3 | 5.6 | 3.7 | 1.7 | 1.0 | 52.2 |
| Soda Springs | 0.7 | 0.7 | 1.8 | 3.0 | 4.3 | 5.3 | 6.2 | 5.5 | 4.1 | 2.5 | 0.7 | 0.7 | 35.4 |
| Tahoe City | 0.7 | 0.7 | 1.7 | 3.0 | 4.3 | 5.4 | 6.1 | 5.6 | 4.1 | 2.4 | 0.8 | 0.6 | 35.5 |
| Truckee | 0.7 | 0.7 | 1.7 | 3.2 | 4.4 | 5.4 | 6.4 | 5.7 | 4.1 | 2.4 | 0.8 | 0.6 | 36.2 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| PLUMAS | | | | | | | | | | | | | |
| Portola | 0.7 | 0.9 | 1.9 | 3.5 | 4.9 | 5.9 | 7.3 | 5.9 | 4.3 | 2.7 | 0.9 | 0.5 | 39.4 |
| Quincy | 0.7 | 0.9 | 2.2 | 3.5 | 4.9 | 5.9 | 7.3 | 5.9 | 4.4 | 2.8 | 1.2 | 0.5 | 40.2 |
| RIVERSIDE | | | | | | | | | | | | | |
| Beaumont | 2.0 | 2.3 | 3.4 | 4.4 | 6.1 | 7.1 | 7.6 | 7.9 | 6.0 | 3.9 | 2.6 | 1.7 | 55.0 |
| Blythe | 2.4 | 3.3 | 5.3 | 6.9 | 8.7 | 9.6 | 9.6 | 8.7 | 6.9 | 5.0 | 3.0 | 2.2 | 71.4 |
| Cathedral City | 1.6 | 2.2 | 3.7 | 5.1 | 6.8 | 7.8 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.6 | 57.1 |
| Coachella | 2.9 | 4.4 | 6.2 | 8.4 | 10.5 | 11.9 | 12.3 | 10.1 | 8.9 | 6.2 | 3.8 | 2.4 | 88.1 |
| Desert Center | 2.9 | 4.1 | 6.4 | 8.5 | 11.0 | 12.1 | 12.2 | 11.1 | 9.0 | 6.4 | 3.9 | 2.6 | 90.0 |
| Elsinore | 2.1 | 2.8 | 3.9 | 4.4 | 5.9 | 7.1 | 7.6 | 7.0 | 5.8 | 3.9 | 2.6 | 1.9 | 55.0 |
| Indio | 3.1 | 3.6 | 6.5 | 8.3 | 10.5 | 11.0 | 10.8 | 9.7 | 8.3 | 5.9 | 3.7 | 2.7 | 83.9 |
| La Quinta | 2.4 | 2.8 | 5.2 | 6.5 | 8.3 | 8.7 | 8.5 | 7.9 | 6.5 | 4.5 | 2.7 | 2.2 | 66.2 |
| Mecca | 2.6 | 3.3 | 5.7 | 7.2 | 8.6 | 9.0 | 8.8 | 8.2 | 6.8 | 5.0 | 3.2 | 2.4 | 70.8 |
| Oasis | 2.9 | 3.3 | 5.3 | 6.1 | 8.5 | 8.9 | 8.7 | 7.9 | 6.9 | 4.8 | 2.9 | 2.3 | 68.4 |
| Palm Desert | 2.5 | 3.4 | 5.3 | 6.9 | 8.7 | 9.6 | 9.6 | 8.7 | 6.9 | 5.0 | 3.0 | 2.2 | 71.6 |
| Palm Springs | 2.0 | 2.9 | 4.9 | 7.2 | 8.3 | 8.5 | 11.6 | 8.3 | 7.2 | 5.9 | 2.7 | 1.7 | 71.1 |
| Rancho California | 1.8 | 2.2 | 3.4 | 4.8 | 5.6 | 6.3 | 6.5 | 6.2 | 4.8 | 3.7 | 2.4 | 1.8 | 49.5 |
| Rancho Mirage | 2.4 | 3.3 | 5.3 | 6.9 | 8.7 | 9.6 | 9.6 | 8.7 | 6.9 | 5.0 | 3.0 | 2.2 | 71.4 |
| Ripley | 2.7 | 3.3 | 5.6 | 7.2 | 8.7 | 8.7 | 8.4 | 7.6 | 6.2 | 4.6 | 2.8 | 2.2 | 67.8 |
| Salton Sea North | 2.5 | 3.3 | 5.5 | 7.2 | 8.8 | 9.3 | 9.2 | 8.5 | 6.8 | 5.2 | 3.1 | 2.3 | 71.7 |
| Temecula East II | 2.3 | 2.4 | 4.1 | 4.9 | 6.4 | 7.0 | 7.8 | 7.4 | 5.7 | 4.1 | 2.6 | 2.2 | 56.7 |
| Thermal | 2.4 | 3.3 | 5.5 | 7.6 | 9.1 | 9.6 | 9.3 | 8.6 | 7.1 | 5.2 | 3.1 | 2.1 | 72.8 |
| Riverside UC | 2.5 | 2.9 | 4.2 | 5.3 | 5.9 | 6.6 | 7.2 | 6.9 | 5.4 | 4.1 | 2.9 | 2.6 | 56.4 |
| Winchester | 2.3 | 2.4 | 4.1 | 4.9 | 6.4 | 6.9 | 7.7 | 7.5 | 6.0 | 3.9 | 2.6 | 2.1 | 56.8 |
| SACRAMENTO | | | | | | | | | | | | | |
| Fair Oaks | 1.0 | 1.6 | 3.4 | 4.1 | 6.5 | 7.5 | 8.1 | 7.1 | 5.2 | 3.4 | 1.5 | 1.0 | 50.5 |
| Sacramento | 1.0 | 1.8 | 3.2 | 4.7 | 6.4 | 7.7 | 8.4 | 7.2 | 5.4 | 3.7 | 1.7 | 0.9 | 51.9 |
| Twitchell Island | 1.2 | 1.8 | 3.9 | 5.3 | 7.4 | 8.8 | 9.1 | 7.8 | 5.9 | 3.8 | 1.7 | 1.2 | 57.9 |
| SAN BENITO | | | | | | | | | | | | | |
| Hollister | 1.5 | 1.8 | 3.1 | 4.3 | 5.5 | 5.7 | 6.4 | 5.9 | 5.0 | 3.5 | 1.7 | 1.1 | 45.1 |
| San Benito | 1.2 | 1.6 | 3.1 | 4.6 | 5.6 | 6.4 | 6.9 | 6.5 | 4.8 | 3.7 | 1.7 | 1.2 | 47.2 |
| San Juan Valley | 1.4 | 1.8 | 3.4 | 4.5 | 6.0 | 6.7 | 7.1 | 6.4 | 5.0 | 3.5 | 1.8 | 1.4 | 49.1 |
| SAN BERNARDINO | | | | | | | | | | | | | |
| Baker | 2.7 | 3.9 | 6.1 | 8.3 | 10.4 | 11.8 | 12.2 | 11.0 | 8.9 | 6.1 | 3.3 | 2.1 | 86.6 |
| Barstow NE | 2.2 | 2.9 | 5.3 | 6.9 | 9.0 | 10.1 | 9.9 | 8.9 | 6.8 | 4.8 | 2.7 | 2.1 | 71.7 |
| Big Bear Lake | 1.8 | 2.6 | 4.6 | 6.0 | 7.0 | 7.6 | 8.1 | 7.4 | 5.4 | 4.1 | 2.4 | 1.8 | 58.6 |
| Chino | 2.1 | 2.9 | 3.9 | 4.5 | 5.7 | 6.5 | 7.3 | 7.1 | 5.9 | 4.2 | 2.6 | 2.0 | 54.6 |
| Crestline | 1.5 | 1.9 | 3.3 | 4.4 | 5.5 | 6.6 | 7.8 | 7.1 | 5.4 | 3.5 | 2.2 | 1.6 | 50.8 |
| Lake Arrowhead | 1.8 | 2.6 | 4.6 | 6.0 | 7.0 | 7.6 | 8.1 | 7.4 | 5.4 | 4.1 | 2.4 | 1.8 | 58.6 |
| Lucerne Valley | 2.2 | 2.9 | 5.1 | 6.5 | 9.1 | 11.0 | 11.4 | 9.9 | 7.4 | 5.0 | 3.0 | 1.8 | 75.3 |
| Needles | 3.2 | 4.2 | 6.6 | 8.9 | 11.0 | 12.4 | 12.8 | 11.0 | 8.9 | 6.6 | 4.0 | 2.7 | 92.1 |
| Newberry Springs | 2.1 | 2.9 | 5.3 | 8.4 | 9.8 | 10.9 | 11.1 | 9.9 | 7.6 | 5.2 | 3.1 | 2.0 | 78.2 |
| San Bernardino | 2.0 | 2.7 | 3.8 | 4.6 | 5.7 | 6.9 | 7.9 | 7.4 | 5.9 | 4.2 | 2.6 | 2.0 | 55.6 |
| Twentynine Palms | 2.6 | 3.6 | 5.9 | 7.9 | 10.1 | 11.2 | 11.2 | 10.3 | 8.6 | 5.9 | 3.4 | 2.2 | 82.9 |
| Victorville | 2.0 | 2.6 | 4.6 | 6.2 | 7.3 | 8.9 | 9.8 | 9.0 | 6.5 | 4.7 | 2.7 | 2.1 | 66.2 |
| SAN DIEGO | | | | | | | | | | | | | |
| Chula Vista | 2.2 | 2.7 | 3.4 | 3.8 | 4.9 | 4.7 | 5.5 | 4.9 | 4.5 | 3.4 | 2.4 | 2.0 | 44.2 |
| Escondido SPV | 2.4 | 2.6 | 3.9 | 4.7 | 5.9 | 6.5 | 7.1 | 6.7 | 5.3 | 3.9 | 2.8 | 2.3 | 54.2 |
| Miramar | 2.3 | 2.5 | 3.7 | 4.1 | 5.1 | 5.4 | 6.1 | 5.8 | 4.5 | 3.3 | 2.4 | 2.1 | 47.1 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| SAN DIEGO | | | | | | | | | | | | | |
| Oceanside | 2.2 | 2.7 | 3.4 | 3.7 | 4.9 | 4.6 | 4.6 | 5.1 | 4.1 | 3.3 | 2.4 | 2.0 | 42.9 |
| Otay Lake | 2.3 | 2.7 | 3.9 | 4.6 | 5.6 | 5.9 | 6.2 | 6.1 | 4.8 | 3.7 | 2.6 | 2.2 | 50.4 |
| Pine Valley | 1.5 | 2.4 | 3.8 | 5.1 | 6.0 | 7.0 | 7.8 | 7.3 | 6.0 | 4.0 | 2.2 | 1.7 | 54.8 |
| Ramona | 2.1 | 2.1 | 3.4 | 4.6 | 5.2 | 6.3 | 6.7 | 6.8 | 5.3 | 4.1 | 2.8 | 2.1 | 51.6 |
| San Diego | 2.1 | 2.4 | 3.4 | 4.6 | 5.1 | 5.3 | 5.7 | 5.6 | 4.3 | 3.6 | 2.4 | 2.0 | 46.5 |
| Santee | 2.1 | 2.7 | 3.7 | 4.5 | 5.5 | 6.1 | 6.6 | 6.2 | 5.4 | 3.8 | 2.6 | 2.0 | 51.1 |
| Torrey Pines | 2.2 | 2.3 | 3.4 | 3.9 | 4.0 | 4.1 | 4.6 | 4.7 | 3.8 | 2.8 | 2.0 | 2.0 | 39.8 |
| Warner Springs | 1.6 | 2.7 | 3.7 | 4.7 | 5.7 | 7.6 | 8.3 | 7.7 | 6.3 | 4.0 | 2.5 | 1.3 | 56.0 |
| SAN FRANCISCO | | | | | | | | | | | | | |
| San Francisco | 1.5 | 1.3 | 2.4 | 3.0 | 3.7 | 4.6 | 4.9 | 4.8 | 4.1 | 2.8 | 1.3 | 0.7 | 35.1 |
| SAN JOAQUIN | | | | | | | | | | | | | |
| Farmington | 1.5 | 1.5 | 2.9 | 4.7 | 6.2 | 7.6 | 8.1 | 6.8 | 5.3 | 3.3 | 1.4 | 0.7 | 50.0 |
| Lodi West | 1.0 | 1.6 | 3.3 | 4.3 | 6.3 | 6.9 | 7.3 | 6.4 | 4.5 | 3.0 | 1.4 | 0.8 | 46.7 |
| Manteca | 0.9 | 1.7 | 3.4 | 5.0 | 6.5 | 7.5 | 8.0 | 7.1 | 5.2 | 3.3 | 1.6 | 0.9 | 51.2 |
| Stockton | 0.8 | 1.5 | 2.9 | 4.7 | 6.2 | 7.4 | 8.1 | 6.8 | 5.3 | 3.2 | 1.4 | 0.6 | 49.1 |
| Tracy | 1.0 | 1.5 | 2.9 | 4.5 | 6.1 | 7.3 | 7.9 | 6.7 | 5.3 | 3.2 | 1.3 | 0.7 | 48.5 |
| SAN LUIS OBISPO | | | | | | | | | | | | | |
| Arroyo Grande | 2.0 | 2.2 | 3.2 | 3.8 | 4.3 | 4.7 | 4.3 | 4.6 | 3.8 | 3.2 | 2.4 | 1.7 | 40.0 |
| Atascadero | 1.2 | 1.5 | 2.8 | 3.9 | 4.5 | 6.0 | 6.7 | 6.2 | 5.0 | 3.2 | 1.7 | 1.0 | 43.7 |
| Morro Bay | 2.0 | 2.2 | 3.1 | 3.5 | 4.3 | 4.5 | 4.6 | 4.6 | 3.8 | 3.5 | 2.1 | 1.7 | 39.9 |
| Nipomo | 2.2 | 2.5 | 3.8 | 5.1 | 5.7 | 6.2 | 6.4 | 6.1 | 4.9 | 4.1 | 2.9 | 2.3 | 52.1 |
| Paso Robles | 1.6 | 2.0 | 3.2 | 4.3 | 5.5 | 6.3 | 7.3 | 6.7 | 5.1 | 3.7 | 2.1 | 1.4 | 49.0 |
| San Luis Obispo | 2.0 | 2.2 | 3.2 | 4.1 | 4.9 | 5.3 | 4.6 | 5.5 | 4.4 | 3.5 | 2.4 | 1.7 | 43.8 |
| San Miguel | 1.6 | 2.0 | 3.2 | 4.3 | 5.0 | 6.4 | 7.4 | 6.8 | 5.1 | 3.7 | 2.1 | 1.4 | 49.0 |
| San Simeon | 2.0 | 2.0 | 2.9 | 3.5 | 4.2 | 4.4 | 4.6 | 4.3 | 3.5 | 3.1 | 2.0 | 1.7 | 38.1 |
| SAN MATEO | | | | | | | | | | | | | |
| Hal Moon Bay | 1.5 | 1.7 | 2.4 | 3.0 | 3.9 | 4.3 | 4.3 | 4.2 | 3.5 | 2.8 | 1.3 | 1.0 | 33.7 |
| Redwood City | 1.5 | 1.8 | 2.9 | 3.8 | 5.2 | 5.3 | 6.2 | 5.6 | 4.8 | 3.1 | 1.7 | 1.0 | 42.8 |
| Woodside | 1.8 | 2.2 | 3.4 | 4.8 | 5.6 | 6.3 | 6.5 | 6.2 | 4.8 | 3.7 | 2.4 | 1.8 | 49.5 |
| SANTA BARBARA | | | | | | | | | | | | | |
| Betteravia | 2.1 | 2.6 | 4.0 | 5.2 | 6.0 | 5.9 | 5.8 | 5.4 | 4.1 | 3.3 | 2.7 | 2.1 | 49.1 |
| Carpenteria | 2.0 | 2.4 | 3.2 | 3.9 | 4.8 | 5.2 | 5.5 | 5.7 | 4.5 | 3.4 | 2.4 | 2.0 | 44.9 |
| Cuyama | 2.1 | 2.4 | 3.8 | 5.4 | 6.9 | 7.9 | 8.5 | 7.7 | 5.9 | 4.5 | 2.6 | 2.0 | 59.7 |
| Goleta | 2.1 | 2.5 | 3.9 | 5.1 | 5.7 | 5.7 | 5.4 | 5.4 | 4.2 | 3.2 | 2.8 | 2.2 | 48.1 |
| Goleta Foothills | 2.3 | 2.6 | 3.7 | 5.4 | 5.3 | 5.6 | 5.5 | 5.7 | 4.5 | 3.9 | 2.8 | 2.3 | 49.6 |
| Guadalupe | 2.0 | 2.2 | 3.2 | 3.7 | 4.9 | 4.6 | 4.5 | 4.6 | 4.1 | 3.3 | 2.4 | 1.7 | 41.1 |
| Lompoc | 2.0 | 2.2 | 3.2 | 3.7 | 4.8 | 4.6 | 4.9 | 4.8 | 3.9 | 3.2 | 2.4 | 1.7 | 41.1 |
| Los Alamos | 1.8 | 2.0 | 3.2 | 4.1 | 4.9 | 5.3 | 5.7 | 5.5 | 4.4 | 3.7 | 2.4 | 1.6 | 44.6 |
| Santa Barbara | 2.0 | 2.5 | 3.2 | 3.8 | 4.6 | 5.1 | 5.5 | 4.5 | 3.4 | 2.4 | 1.8 | 1.8 | 40.6 |
| Santa Maria | 1.8 | 2.3 | 3.7 | 5.1 | 5.7 | 5.8 | 5.6 | 5.3 | 4.2 | 3.5 | 2.4 | 1.9 | 47.4 |
| Santa Ynez | 1.7 | 2.2 | 3.5 | 5.0 | 5.8 | 6.2 | 6.4 | 6.0 | 4.5 | 3.6 | 2.2 | 1.7 | 48.7 |
| Sisquoc | 2.1 | 2.5 | 3.8 | 4.1 | 6.1 | 6.3 | 6.4 | 5.8 | 4.7 | 3.4 | 2.3 | 1.8 | 49.2 |
| Solvang | 2.0 | 2.0 | 3.3 | 4.3 | 5.0 | 5.6 | 6.1 | 5.6 | 4.4 | 3.7 | 2.2 | 1.6 | 45.6 |
| SANTA CLARA | | | | | | | | | | | | | |
| Gilroy | 1.3 | 1.8 | 3.1 | 4.1 | 5.3 | 5.6 | 6.1 | 5.5 | 4.7 | 3.4 | 1.7 | 1.1 | 43.6 |
| Los Gatos | 1.5 | 1.8 | 2.8 | 3.9 | 5.0 | 5.6 | 6.2 | 5.5 | 4.7 | 3.2 | 1.7 | 1.1 | 42.9 |
| Morgan Hill | 1.5 | 1.8 | 3.4 | 4.2 | 6.3 | 7.0 | 7.1 | 6.0 | 5.1 | 3.7 | 1.9 | 1.4 | 49.5 |
| Palo Alto | 1.5 | 1.8 | 2.8 | 3.8 | 5.2 | 5.3 | 6.2 | 5.6 | 5.0 | 3.2 | 1.7 | 1.0 | 43.0 |

| Appendix A - Reference Evapotranspiration (ET_o) Table* | | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ET_o |
| SANTA CLARA | | | | | | | | | | | | | |
| San Jose | 1.5 | 1.8 | 3.1 | 4.1 | 5.5 | 5.8 | 6.5 | 5.9 | 5.2 | 3.3 | 1.8 | 1.0 | 45.3 |
| SANTA CRUZ | | | | | | | | | | | | | |
| De Laveaga | 1.4 | 1.9 | 3.3 | 4.7 | 4.9 | 5.3 | 5.0 | 4.8 | 3.6 | 3.0 | 1.6 | 1.3 | 40.8 |
| Green Valley Rd | 1.2 | 1.8 | 3.2 | 4.5 | 4.6 | 5.4 | 5.2 | 5.0 | 3.7 | 3.1 | 1.6 | 1.3 | 40.6 |
| Santa Cruz | 1.5 | 1.8 | 2.6 | 3.5 | 4.3 | 4.4 | 4.8 | 4.4 | 3.8 | 2.8 | 1.7 | 1.2 | 36.6 |
| Watsonville | 1.5 | 1.8 | 2.7 | 3.7 | 4.6 | 4.5 | 4.9 | 4.2 | 4.0 | 2.9 | 1.8 | 1.2 | 37.7 |
| Webb | 1.8 | 2.2 | 3.7 | 4.8 | 5.3 | 5.7 | 5.6 | 5.3 | 4.3 | 3.4 | 2.4 | 1.8 | 46.2 |
| SHASTA | | | | | | | | | | | | | |
| Burney | 0.7 | 1.0 | 2.1 | 3.5 | 4.9 | 5.9 | 7.4 | 6.4 | 4.4 | 2.9 | 0.9 | 0.6 | 40.9 |
| Fall River Mills | 0.6 | 1.0 | 2.1 | 3.7 | 5.0 | 6.1 | 7.8 | 6.7 | 4.6 | 2.8 | 0.9 | 0.5 | 41.8 |
| Glenburn | 0.6 | 1.0 | 2.1 | 3.7 | 5.0 | 6.3 | 7.8 | 6.7 | 4.7 | 2.8 | 0.9 | 0.6 | 42.1 |
| McArthur | 0.7 | 1.4 | 2.9 | 4.2 | 5.6 | 6.9 | 8.2 | 7.2 | 5.0 | 3.0 | 1.1 | 0.6 | 46.8 |
| Redding | 1.2 | 1.4 | 2.6 | 4.1 | 5.6 | 7.1 | 8.5 | 7.3 | 5.3 | 3.2 | 1.4 | 0.9 | 48.8 |
| SIERRA | | | | | | | | | | | | | |
| Downieville | 0.7 | 1.0 | 2.3 | 3.5 | 5.0 | 6.0 | 7.4 | 6.2 | 4.7 | 2.8 | 0.9 | 0.6 | 41.3 |
| Sierraville | 0.7 | 1.1 | 2.2 | 3.2 | 4.5 | 5.9 | 7.3 | 6.4 | 4.3 | 2.6 | 0.9 | 0.5 | 39.6 |
| SISKIYOU | | | | | | | | | | | | | |
| Happy Camp | 0.5 | 0.9 | 2.0 | 3.0 | 4.3 | 5.2 | 6.1 | 5.3 | 4.1 | 2.4 | 0.9 | 0.5 | 35.1 |
| MacDoel | 1.0 | 1.7 | 3.1 | 4.5 | 5.9 | 7.2 | 8.1 | 7.1 | 5.1 | 3.1 | 1.5 | 1.0 | 49.0 |
| Mt Shasta | 0.5 | 0.9 | 2.0 | 3.0 | 4.5 | 5.3 | 6.7 | 5.7 | 4.0 | 2.2 | 0.7 | 0.5 | 36.0 |
| Tule lake FS | 0.7 | 1.3 | 2.7 | 4.0 | 5.4 | 6.3 | 7.1 | 6.4 | 4.7 | 2.8 | 1.0 | 0.6 | 42.9 |
| Weed | 0.5 | 0.9 | 2.0 | 2.5 | 4.5 | 5.3 | 6.7 | 5.5 | 3.7 | 2.0 | 0.9 | 0.5 | 34.9 |
| Yreka | 0.6 | 0.9 | 2.1 | 3.0 | 4.9 | 5.8 | 7.3 | 6.5 | 4.3 | 2.5 | 0.9 | 0.5 | 39.2 |
| SOLANO | | | | | | | | | | | | | |
| Benicia | 1.3 | 1.4 | 2.7 | 3.8 | 4.9 | 5.0 | 6.4 | 5.5 | 4.4 | 2.9 | 1.2 | 0.7 | 40.3 |
| Dixon | 0.7 | 1.4 | 3.2 | 5.2 | 6.3 | 7.6 | 8.2 | 7.2 | 5.5 | 4.3 | 1.6 | 1.1 | 52.1 |
| Fairfield | 1.1 | 1.7 | 2.8 | 4.0 | 5.5 | 6.1 | 7.8 | 6.0 | 4.8 | 3.1 | 1.4 | 0.9 | 45.2 |
| Hastings Tract | 1.6 | 2.2 | 3.7 | 5.1 | 6.8 | 7.8 | 8.7 | 7.8 | 5.7 | 4.0 | 2.1 | 1.6 | 57.1 |
| Putah Creek | 1.0 | 1.6 | 3.2 | 4.9 | 6.1 | 7.3 | 7.9 | 7.0 | 5.3 | 3.8 | 1.8 | 1.2 | 51.0 |
| Rio Vista | 0.9 | 1.7 | 2.8 | 4.4 | 5.9 | 6.7 | 7.9 | 6.5 | 5.1 | 3.2 | 1.3 | 0.7 | 47.0 |
| Suisun Valley | 0.6 | 1.3 | 3.0 | 4.7 | 5.8 | 7.0 | 7.7 | 6.8 | 5.3 | 3.8 | 1.4 | 0.9 | 48.3 |
| Winters | 0.9 | 1.7 | 3.3 | 5.0 | 6.4 | 7.5 | 7.9 | 7.0 | 5.2 | 3.5 | 1.6 | 1.0 | 51.0 |
| SONOMA | | | | | | | | | | | | | |
| Bennett Valley | 1.1 | 1.7 | 3.2 | 4.1 | 5.5 | 6.5 | 6.6 | 5.7 | 4.5 | 3.1 | 1.5 | 0.9 | 44.4 |
| Cloverdale | 1.1 | 1.4 | 2.6 | 3.4 | 5.0 | 5.9 | 6.2 | 5.6 | 4.5 | 2.8 | 1.4 | 0.7 | 40.7 |
| Fort Ross | 1.2 | 1.4 | 2.2 | 3.0 | 3.7 | 4.5 | 4.2 | 4.3 | 3.4 | 2.4 | 1.2 | 0.5 | 31.9 |
| Healdsburg | 1.2 | 1.5 | 2.4 | 3.5 | 5.0 | 5.9 | 6.1 | 5.6 | 4.5 | 2.8 | 1.4 | 0.7 | 40.8 |
| Lincoln | 1.2 | 1.7 | 2.8 | 4.7 | 6.1 | 7.4 | 8.4 | 7.3 | 5.4 | 3.7 | 1.9 | 1.2 | 51.9 |
| Petaluma | 1.2 | 1.5 | 2.8 | 3.7 | 4.6 | 5.6 | 4.6 | 5.7 | 4.5 | 2.9 | 1.4 | 0.9 | 39.6 |
| Santa Rosa | 1.2 | 1.7 | 2.8 | 3.7 | 5.0 | 6.0 | 6.1 | 5.9 | 4.5 | 2.9 | 1.5 | 0.7 | 42.0 |
| Valley of the Moon | 1.0 | 1.6 | 3.0 | 4.5 | 5.6 | 6.6 | 7.1 | 6.3 | 4.7 | 3.3 | 1.5 | 1.0 | 46.1 |
| Windsor | 0.9 | 1.6 | 3.0 | 4.5 | 5.5 | 6.5 | 6.5 | 5.9 | 4.4 | 3.2 | 1.4 | 1.0 | 44.2 |
| STANISLAUS | | | | | | | | | | | | | |
| Denair | 1.0 | 1.9 | 3.6 | 4.7 | 7.0 | 7.9 | 8.0 | 6.1 | 5.3 | 3.4 | 1.5 | 1.0 | 51.4 |
| La Grange | 1.2 | 1.5 | 3.1 | 4.7 | 6.2 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.2 |
| Modesto | 0.9 | 1.4 | 3.2 | 4.7 | 6.4 | 7.7 | 8.1 | 6.8 | 5.0 | 3.4 | 1.4 | 0.7 | 49.7 |
| Newman | 1.0 | 1.5 | 3.2 | 4.6 | 6.2 | 7.4 | 8.1 | 6.7 | 5.0 | 3.4 | 1.4 | 0.7 | 49.3 |
| Oakdale | 1.2 | 1.5 | 3.2 | 4.7 | 6.2 | 7.7 | 8.1 | 7.1 | 5.1 | 3.4 | 1.4 | 0.7 | 50.3 |

| Appendix A - Reference Evapotranspiration (ETo) Table* | | | | | | | | | | | | | |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------------|
| County and City | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual ETo |
| STANISLAUS | | | | | | | | | | | | | |
| Patterson | 1.3 | 2.1 | 4.2 | 5.4 | 7.9 | 8.6 | 8.2 | 6.6 | 5.8 | 4.0 | 1.9 | 1.3 | 57.3 |
| Turlock | 0.9 | 1.5 | 3.2 | 4.7 | 6.5 | 7.7 | 8.2 | 7.0 | 5.1 | 3.4 | 1.4 | 0.7 | 50.2 |
| SUTTER | | | | | | | | | | | | | |
| Nicolaus | 0.9 | 1.6 | 3.2 | 4.9 | 6.3 | 7.5 | 8.0 | 6.9 | 5.2 | 3.4 | 1.5 | 0.9 | 50.2 |
| Yuba City | 1.3 | 2.1 | 2.8 | 4.4 | 5.7 | 7.2 | 7.1 | 6.1 | 4.7 | 3.2 | 1.2 | 0.9 | 46.7 |
| TEHAMA | | | | | | | | | | | | | |
| Corning | 1.2 | 1.8 | 2.9 | 4.5 | 6.1 | 7.3 | 8.1 | 7.2 | 5.3 | 3.7 | 1.7 | 1.1 | 50.7 |
| Gerber | 1.0 | 1.8 | 3.5 | 5.0 | 6.6 | 7.9 | 8.7 | 7.4 | 5.8 | 4.1 | 1.8 | 1.1 | 54.7 |
| Gerber Dryland | 0.9 | 1.6 | 3.2 | 4.7 | 6.7 | 8.4 | 9.0 | 7.9 | 6.0 | 4.2 | 2.0 | 1.0 | 55.5 |
| Red Bluff | 1.2 | 1.8 | 2.9 | 4.4 | 5.9 | 7.4 | 8.5 | 7.3 | 5.4 | 3.5 | 1.7 | 1.0 | 51.1 |
| TRINITY | | | | | | | | | | | | | |
| Hay Fork | 0.5 | 1.1 | 2.3 | 3.5 | 4.9 | 5.9 | 7.0 | 6.0 | 4.5 | 2.8 | 0.9 | 0.7 | 40.1 |
| Weaverville | 0.6 | 1.1 | 2.2 | 3.3 | 4.9 | 5.9 | 7.3 | 6.0 | 4.4 | 2.7 | 0.9 | 0.7 | 40.0 |
| TULARE | | | | | | | | | | | | | |
| Alpaugh | 0.9 | 1.7 | 3.4 | 4.8 | 6.6 | 7.7 | 8.2 | 7.3 | 5.4 | 3.4 | 1.4 | 0.7 | 51.6 |
| Badger | 1.0 | 1.3 | 2.7 | 4.1 | 6.0 | 7.3 | 7.7 | 7.0 | 4.8 | 3.3 | 1.4 | 0.7 | 47.3 |
| Delano | 1.1 | 1.9 | 4.0 | 4.9 | 7.2 | 7.9 | 8.1 | 7.3 | 5.4 | 3.2 | 1.5 | 1.2 | 53.6 |
| Dinuba | 1.1 | 1.5 | 3.2 | 4.7 | 6.2 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 51.2 |
| Lindcove | 0.9 | 1.6 | 3.0 | 4.8 | 6.5 | 7.6 | 8.1 | 7.2 | 5.2 | 3.4 | 1.6 | 0.9 | 50.6 |
| Porterville | 1.2 | 1.8 | 3.4 | 4.7 | 6.6 | 7.7 | 8.5 | 7.3 | 5.3 | 3.4 | 1.4 | 0.7 | 52.1 |
| Visalia | 0.9 | 1.7 | 3.3 | 5.1 | 6.8 | 7.7 | 7.9 | 6.9 | 4.9 | 3.2 | 1.5 | 0.8 | 50.7 |
| TUOLUMNE | | | | | | | | | | | | | |
| Groveland | 1.1 | 1.5 | 2.8 | 4.1 | 5.7 | 7.2 | 7.9 | 6.6 | 5.1 | 3.3 | 1.4 | 0.7 | 47.5 |
| Sonora | 1.1 | 1.5 | 2.8 | 4.1 | 5.8 | 7.2 | 7.9 | 6.7 | 5.1 | 3.2 | 1.4 | 0.7 | 47.6 |
| VENTURA | | | | | | | | | | | | | |
| Camarillo | 2.2 | 2.5 | 3.7 | 4.3 | 5.0 | 5.2 | 5.9 | 5.4 | 4.2 | 3.0 | 2.5 | 2.1 | 46.1 |
| Oxnard | 2.2 | 2.5 | 3.2 | 3.7 | 4.4 | 4.6 | 5.4 | 4.8 | 4.0 | 3.3 | 2.4 | 2.0 | 42.3 |
| Piru | 2.8 | 2.8 | 4.1 | 5.6 | 6.0 | 6.8 | 7.6 | 7.8 | 5.8 | 5.2 | 3.7 | 3.2 | 61.5 |
| Port Hueneme | 2.0 | 2.3 | 3.3 | 4.6 | 4.9 | 4.9 | 4.9 | 5.0 | 3.7 | 3.2 | 2.5 | 2.2 | 43.5 |
| Thousand Oaks | 2.2 | 2.6 | 3.4 | 4.5 | 5.4 | 5.9 | 6.7 | 6.4 | 5.4 | 3.9 | 2.6 | 2.0 | 51.0 |
| Ventura | 2.2 | 2.6 | 3.2 | 3.8 | 4.6 | 4.7 | 5.5 | 4.9 | 4.1 | 3.4 | 2.5 | 2.0 | 43.5 |
| YOLO | | | | | | | | | | | | | |
| Bryte | 0.9 | 1.7 | 3.3 | 5.0 | 6.4 | 7.5 | 7.9 | 7.0 | 5.2 | 3.5 | 1.6 | 1.0 | 51.0 |
| Davis | 1.0 | 1.9 | 3.3 | 5.0 | 6.4 | 7.6 | 8.2 | 7.1 | 5.4 | 4.0 | 1.8 | 1.0 | 52.5 |
| Esparto | 1.0 | 1.7 | 3.4 | 5.5 | 6.9 | 8.1 | 8.5 | 7.5 | 5.8 | 4.2 | 2.0 | 1.2 | 55.8 |
| Winters | 1.7 | 1.7 | 2.9 | 4.4 | 5.8 | 7.1 | 7.9 | 6.7 | 5.3 | 3.3 | 1.6 | 1.0 | 49.4 |
| Woodland | 1.0 | 1.8 | 3.2 | 4.7 | 6.1 | 7.7 | 8.2 | 7.2 | 5.4 | 3.7 | 1.7 | 1.0 | 51.6 |
| Zamora | 1.1 | 1.9 | 3.5 | 5.2 | 6.4 | 7.4 | 7.8 | 7.0 | 5.5 | 4.0 | 1.9 | 1.2 | 52.8 |
| YUBA | | | | | | | | | | | | | |
| Browns Valley | 1.0 | 1.7 | 3.1 | 4.7 | 6.1 | 7.5 | 8.5 | 7.6 | 5.7 | 4.1 | 2.0 | 1.1 | 52.9 |
| Brownsville | 1.1 | 1.4 | 2.6 | 4.0 | 5.7 | 6.8 | 7.9 | 6.8 | 5.3 | 3.4 | 1.5 | 0.9 | 47.4 |

* The values in this table were derived from:

- 1) California Irrigation Management Information System (CIMIS);
- 2) Reference EvapoTranspiration Zones Map, UC Dept. of Land, Air & Water Resources and California Dept of Water Resources 1999; and
- 3) Reference Evapotranspiration for California, University of California, Department of Agriculture and Natural Resources (1987) Bulletin 1922;
- 4) Determining Daily Reference Evapotranspiration, Cooperative Extension UC Division of Agriculture and Natural Resources (1987), Publication Leaflet 21426

HISTORY

1. New Appendix A filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix A filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

Appendix B — Sample Water Efficient Landscape Worksheet.

WATER EFFICIENT LANDSCAPE WORKSHEET

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Reference Evapotranspiration (Eto) _____

| Hydrozone # /Planting Description ^a | Plant Factor (PF) | Irrigation Method ^b | Irrigation Efficiency (IE) ^c | ETAF (PF/IE) | Landscape Area (sq. ft.) | ETAF x Area | Estimated Total Water Use (ETWU) ^d |
|---|-------------------|--------------------------------|---|--------------|--------------------------|-------------|---|
| Regular Landscape Areas | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | Totals | (A) | (B) | |
| Special Landscape Areas | | | | | | | |
| | | | | 1 | | | |
| | | | | 1 | | | |
| | | | | 1 | | | |
| | | | | Totals | (C) | (D) | |
| ETWU Total | | | | | | | |
| Maximum Allowed Water Allowance (MAWA)^e | | | | | | | |

^aHydrozone #/Planting Description
E.g
1.) front lawn
2.) low water use plantings
3.) medium water use planting

^bIrrigation Method
overhead spray
or drip

^cIrrigation Efficiency
0.75 for spray head
0.81 for drip

^dETWU (Annual Gallons Required) =
Eto x 0.62 x ETAF x Area
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

^eMAWA (Annual Gallons Allowed) = (Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)]
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas

ETAF Calculations

Regular Landscape Areas

| | |
|---------------------|--------------|
| Total ETAF x Area | (B) |
| Total Area | (A) |
| Average ETAF | B ÷ A |

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

All Landscape Areas

| | |
|----------------------|----------------------|
| Total ETAF x Area | (B+D) |
| Total Area | (A+C) |
| Sitewide ETAF | (B+D) ÷ (A+C) |

HISTORY

1. New Appendix B filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix B filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

Appendix C — Sample Certificate of Completion.

CERTIFICATE OF COMPLETION

This certificate is filled out by the project applicant upon completion of the landscape project.

PART 1. PROJECT INFORMATION SHEET

| | | |
|---------------------------|----------------|----------|
| Date | | |
| Project Name | | |
| Name of Project Applicant | Telephone No. | |
| | Fax No. | |
| Title | Email Address | |
| Company | Street Address | |
| City | State | Zip Code |

Project Address and Location:

| | | |
|----------------|--|--|
| Street Address | Parcel, tract or lot number, if available. | |
| City | Latitude/Longitude (optional) | |
| State | Zip Code | |

Property Owner or his/her designee:

| | | |
|---------|----------------|----------|
| Name | Telephone No. | |
| | Fax No. | |
| Title | Email Address | |
| Company | Street Address | |
| City | State | Zip Code |

Property Owner

"I/we certify that I/we have received copies of all the documents within the Landscape Documentation Package and the Certificate of Completion and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

Property Owner Signature

Date

Please answer the questions below:

1. Date the Landscape Documentation Package was submitted to the local agency _____
2. Date the Landscape Documentation Package was approved by the local agency _____
3. Date that a copy of the Water Efficient Landscape Worksheet (including the Water Budget Calculation) was submitted to the local water purveyor _____

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE

"I/we certify that based upon periodic site observations, the work has been completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved Landscape Documentation Package "

| | | | |
|----------------------------------|----------------|----------|--|
| Signature* | | Date | |
| Name (print) | Telephone No. | | |
| | Fax No | | |
| Title | Email Address | | |
| License No. or Certification No. | | | |
| Company | Street Address | | |
| City | State | Zip Code | |

*Signer of the landscape design plan, signer of the irrigation plan, or a licensed landscape contractor.

PART 3. IRRIGATION SCHEDULING

Attach parameters for setting the irrigation schedule on controller per ordinance Section 492.10

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

Attach schedule of Landscape and Irrigation Maintenance per ordinance Section 492.11.

PART 5. LANDSCAPE IRRIGATION AUDIT REPORT

Attach Landscape Irrigation Audit Report per ordinance Section 492.12.

PART 6. SOIL MANAGEMENT REPORT

Attach soil analysis report, if not previously submitted with the Landscape Documentation Package per ordinance Section 492.6.

Attach documentation verifying implementation of recommendations from soil analysis report per ordinance Section 492.6.

HISTORY

1. New Appendix C filed 9-10-2009; operative 9-10-2009 pursuant to Government Code section 11343.4 (Register 2009, No. 37).

2. Repealer and new Appendix C filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

Appendix D — Prescriptive Compliance Option.

(a) This appendix contains prescriptive requirements which may be used as a compliance option to the Model Water Efficient Landscape Ordinance.

(b) Compliance with the following items is mandatory and must be documented on a landscape plan in order to use the prescriptive compliance option:

(1) Submit a Landscape Documentation Package which includes the following elements:

(A) date

(B) project applicant

(C) project address (if available, parcel and/or lot number(s))

(D) total landscape area (square feet), including a breakdown of turf and plant material

(E) project type (e.g., new, rehabilitated, public, private, cemetery, homeowner-installed)

(F) water supply type (e.g., potable, recycled, well) and identify the local retail water purveyor if the applicant is not served by a private well

(G) contact information for the project applicant and property owner

(H) applicant signature and date with statement, "I agree to comply with the requirements of the prescriptive compliance option to the MWELO".

(2) Incorporate compost at a rate of at least four cubic yards per 1,000 square feet to a depth of six inches into landscape area (unless contra-indicated by a soil test);

(3) Plant material shall comply with all of the following:

(A) For residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 75% of the plant area excluding edibles and areas using recycled water; For non-residential areas, install climate adapted plants that require occasional, little or no summer water (average WUCOLS plant factor 0.3) for 100% of the plant area excluding edibles and areas using recycled water;

(B) A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications where mulch is contraindicated.

(4) Turf shall comply with all of the following:

(A) Turf shall not exceed 25% of the landscape area in residential areas, and there shall be no turf in non-residential areas;

(B) Turf shall not be planted on sloped areas which exceed a slope of 1 foot vertical elevation change for every 4 feet of horizontal length;

(C) Turf is prohibited in parkways less than 10 feet wide, unless the parkway is adjacent to a parking strip and used to enter and exit vehicles. Any turf in parkways must be irrigated by sub-surface irrigation or by other technology that creates no overspray or runoff.

(5) Irrigation systems shall comply with the following:

(A) Automatic irrigation controllers are required and must use evapotranspiration or soil moisture sensor data and utilize a rain sensor.

(B) Irrigation controllers shall be of a type which does not lose programming data in the event the primary power source is interrupted.

(C) Pressure regulators shall be installed on the irrigation system to ensure the dynamic pressure of the system is within the manufacturers recommended pressure range.

(D) Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be installed as close as possible to the point of connection of the water supply.

(E) All irrigation emission devices must meet the requirements set in the ANSI standard, ASABE/ICC 802-2014. "Landscape Irrigation Sprinkler and Emitter Standard," All sprinkler heads installed in the landscape must document a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.

(F) Areas less than ten (10) feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.

(6) For non-residential projects with landscape areas of 1,000 sq. ft. or more, a private submeter(s) to measure landscape water use shall be installed.

(c) At the time of final inspection, the permit applicant must provide the owner of the property with a certificate of completion, certificate of installation, irrigation schedule and a schedule of landscape and irrigation maintenance.

HISTORY

1. New Appendix D filed 9-15-2015; operative 9-15-2015. Exempt from OAL review and submitted to OAL for printing only pursuant to Governor's Executive Order No. B-29-15 (4-1-2015) (Register 2015, No. 38).

Chapter 2.7.1. Flood Protection Corridor Program of the Costa-Machado Water Act of 2000

§ 497.1. Scope.

(a) These regulations implement Sections 79035 through 79044, and 79044.9 in Article 2.5 of Chapter 5 of Division 26 of the Water Code, which Division is the Costa-Machado Water Act of 2000. They establish a process for funding acquisition of property rights and related activities for flood protection corridor projects undertaken by the Department of Water Resources directly or through grants to local public agencies or nonprofit organizations.

(b) The Flood Protection Corridor Program is statewide in scope. Within the geographic scope of the CALFED Bay-Delta Program, funds in the subaccount for this program shall be used for projects that, to the greatest extent possible, are consistent with the CALFED long-term plan identified in the Programmatic Record of Decision of August 28, 2000.

NOTE: Authority cited: Sections 8300, 12580 and 79044.9, Water Code; 2000 Cal. Stat. Ch. 52, Item No. 3860-101-6005; 2001 Cal. Stat. Ch. 106, Item No. 3860-001-0001, Provision 3; and 2002 Cal. Stat. Ch. 379, Item No. 3860-101-6005. Reference: Sections 79037, 79043, 79044 and 79044.9, Water Code

HISTORY

1. New chapter 2.7.1 (sections 497.1-497.12) and section filed 8-19-2003; operative 8-19-2003 pursuant to Government Code section 11343.4 (Register 2003, No. 34).

§ 497.2. Definitions.

The words used in this chapter have meanings set forth as follows:

(a) "A List" means the preferred priority list of projects described in Section 497.6.

(b) "Applicant" means an entity that is acting as the principal party making an application for funding under the provisions of the Costa-Machado Water Act of 2000.

(c) "B List" means the reserve priority list of projects described in Section 497.6.

(d) "CEQA" means the California Environmental Quality Act, Public Resources Code Sections 21000 *et seq.*

(e) "Department" means the California Department of Water Resources.

(f) "Director" means the Director of the Department of Water Resources.

(g) "FEMA" means the Federal Emergency Management Agency.

(h) "Fully funded" with respect to a grant project means funded to the full amount of the requested funds or to the funding limit, whichever is less.

(i) "Grant application form" means the Department's form entitled "Flood Protection Corridor Program Project Evaluation Criteria and Competitive Grant Application Form" dated April 9, 2003 and incorporated herein by this reference.

(j) "Local public agency" means any political subdivision of the State of California, including but not limited to any county, city, city and county, district, joint powers agency, or council of governments.

(k) "Milestone" means a time when a significant portion of a project is completed, as defined in the contract as a time for disbursement of grant funds.

(l) "Nonprofit organization" means an organization that does not operate for profit and has no official governmental status, including but not limited to clubs, societies, neighborhood organizations, advisory councils, conservation organizations and privately run local community conservation corps.

(m) "Program" means the Flood Protection Corridor Program established by Water Code Division 26, Chapter 5, Article 2.5.

(n) "Property interest" means any right in real property, including easement, fee title, and any other kind of right acquired by legally binding means.

(o) "Project" means all planning, engineering, acquisition of real property interests, construction and related activities undertaken to implement a discrete action undertaken under the program pursuant to Water Code Section 79037.

(p) "Sponsor" means an applicant who has received grant funding through the application process described in these regulations.

(q) "Subaccount" means the Flood Protection Corridor Subaccount created by Water Code Section 79035(a).

NOTE: Authority cited: Sections 8300, 12580 and 79044.9, Water Code. Reference: Sections 79035, 79037, 79038(a) and 79043, Water Code; and Sections 21000 *et seq.*, Public Resources Code.

HISTORY

1. New section filed 8-19-2003; operative 8-19-2003 pursuant to Government Code section 11343.4 (Register 2003, No. 34).

§ 497.3. Program Management Process.

The Department selects, approves, funds, and monitors projects funded by grants under the program. The process of managing the program includes these steps:

(a) The Department shall appoint and maintain a Project Evaluation Team composed of Department staff and other consulting governmental agencies. The Department may request consultation with any appropriate government agency, including but not limited to the Department of Conservation, the Department of Fish and Game, the Department of Food and Agriculture, the Office of Emergency Services, and the CALFED Bay-Delta Program.

(b) Local public agencies or nonprofit organizations qualified under Section 497.4 may apply for program grants for projects at such times as

the Department may designate. Applications for proposed projects shall be submitted in response to a solicitation issued by the Department. As long as uncommitted funds remain available to fund new projects, the Department shall solicit proposals at least once per calendar year. The time period for submitting applications shall be 90 days from the date notice is given by the Department that project proposals are being solicited. Notices shall be provided to cities, counties, flood control districts, reclamation districts, and other local government entities that manage flood plains and flood control projects. The Department will also provide notice to nonprofit organizations with interest in flood management issues, and shall send notice to all individuals and organizations that have requested notice of the opportunity to submit applications. Notices may be given by mail, electronic mail, website posting, or any other method that provides easy access and prompt availability. Projects shall meet the requirements of Section 497.5. Applications shall meet the requirements of Section 497.7.

(c) The Project Evaluation Team shall review each application and evaluate the subject project within 60 days of the close of the specified submittal period, or within 60 days of receipt of requested additional information, whichever is later.

(d) The Project Evaluation Team shall notify the Department to request the applicant to provide additional information within 30 days of the Department's request if:

(1) The project appears potentially eligible but is missing information needed to evaluate the merits of the project, or

(2) Additional information is needed to evaluate the merits of the project in comparison to others received.

(e) If the requested additional information cannot be provided in 30 days, the applicant may refile its application with the additional information at the Department's next solicitation of proposals.

(f) When a proposal that meets minimum qualifications is complete and all requested additional information has been supplied, the Project Evaluation Team shall complete the evaluation of the project including recommending its place on a priority list as described in Section 497.6.

(g) After each solicitation of proposals, Department staff, using the evaluations and recommended priorities of the Project Evaluation Team, shall recommend projects, priority, and amounts per project to be funded and submit the recommendations to the Director for approval of the priority lists. Department staff may recommend:

[The next page is 38.15.]



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL
VIA: CITY ADMINISTRATOR
FROM: DIRECTOR OF COMMUNITY SERVICES
DATE: NOVEMBER 15, 2016
SUBJECT: **RESOLUTION AUTHORIZING TEMPORARY SUSPENSION OF REGULATORY ORDINANCE SECTIONS 23.76.050 AND 10.28.010 FOR THE OPERATION OF THE LAS POSADAS AND TAMALES FESTIVAL SCHEDULED FOR WEDNESDAY, DECEMBER 7, 2016**

FISCAL
IMPACT: ESTIMATED EXPENSE: \$9,000 (\$1,000 GENERAL FUND DOLLARS)
REVENUE: \$8,000 (REIMBURSEMENT FROM PLACITA SANTA FE MERCHANTS)

SUMMARY:

The Placita Santa Fe Merchants Association (Merchants Association) is planning to hold the annual Las Posadas and Tamale Festival on Wednesday, December 7, 2016 in the historic downtown area. In order to facilitate this event, certain regulatory ordinances must be temporarily suspended. In addition, due to the size and location of the event, City support services including Police, Public Works, and Community Services will be needed. Based upon last year's event costs, the estimated cost of these services is approximately \$9,000. The Merchants Association has committed to reimburse the City a total of \$8,000 for these costs, thereby covering approximately 89 percent of the total event costs. This item requests the adoption of a resolution temporarily suspending certain regulatory ordinances to allow the Las Posadas and Tamale Festival to be held on December 7, 2016.

RECOMMENDATION:

It is recommended that the City Council take the following actions:

1. Provide approval for the Placita Santa Fe Merchants Association to hold the Las Posadas and Tamale Festival on December 7, 2016, contingent upon the Merchants Association continuing to work with City Staff to obtain all appropriate permits, and insurance; and agreeing to follow all City regulations for the event and reimburse the City for approximately 89 percent of event costs; and
2. Adopt Resolution No. 2016-XX, A Resolution of the City Council of the City of Placentia, California, authorizing the Temporary Suspension of Regulatory Ordinance Sections 23.76.050 and 10.28.010 of the Placentia Municipal Code for the operation of the Las Posadas and Tamale Festival on December 7, 2016 on the 100 and 200 Blocks of Santa Fe Avenue and the 200 Block of Bradford Avenue.

1.d.

November 15, 2016

DISCUSSION:

The Las Posadas and Tamale Festival will celebrate its 22nd anniversary on Wednesday, December 7th in the City's Old Town area. The event is traditionally hosted by the Merchants Association with City Staff support from Police, Public Works, and Community Services Departments. The event includes food booths featuring local area restaurants, the Posadas re-enactment, a visit and gifts from Santa Claus, as well as live musical entertainment. In addition, the Merchants Association sells beer and wine, which provides a fundraising opportunity to help offset the event costs.

The suspension of the following two sections of the Placentia Municipal Code is necessary to conduct the event:

- (1) Section 23.76.050 to allow for amplified sound which may exceed the noise level standards on Santa Fe Avenue and Bradford Avenue; and
- (2) Section 10.28.010 to allow the consumption of alcohol on public property.

The attached Resolution temporarily suspends the two sections of the Placentia Municipal Code to facilitate the event.

FISCAL IMPACT:

Estimated cost for Police, Public Works, and Community Services personnel and equipment that will be needed for the Las Posadas event is approximately \$9,000. The Merchants Association is also working to acquire donations and sponsorships to offset event costs and have committed to reimburse the City \$8,000.

Prepared by:



Veronica Ortiz
Community Services Supervisor

Reviewed and approved:



Sandra J. Gonzalez
Director of Community Services

Reviewed and approved:



Damien R. Arrula
City Administrator

Attachments:

1. Request for Continued Support of Tamale Festival & Las Posadas 2016
2. Resolution No. R-2016-XX



October 25, 2016

Mr Felipe Zambrano
City of Placentia
401 E Chapman Ave
Placentia, CA 92870

Dear Mr. Zambrano

**RE: Request for Continued Support of Tamale Festival & Las Posadas/Holiday Tree
Lighting 2016 in the Downtown**

The Placita Santa Fe Merchants are very pleased and excited to announce the upcoming 22nd Annual Tamale Festival and Las Posadas on Wednesday, December 07th 2016, 4pm-9pm in the downtown area.

The merchants with the support of the City of Placentia have collaborated in providing continuous successful annual events in downtown for over twenty years. We are proposing to continue with our annual signature event and are seeking continued partnership with the City of Placentia. Last year's event was once again a great success for our City and we received nothing but positive remarks!

This event has been very crucial and important to Placentia's downtown for many reasons, but largely because it provides an excellent opportunity to showcase the downtown area in a very positive light. Our downtown area still struggles to be as economically vital as other neighboring cities. Our events bring in new clientele to the area and reminds those that know about us but do not shop and dine in the downtown that we are still there. The downtown area is one of Placentia's hidden treasures that can be turned around and be propelled to be just as economically vibrant and revitalized as any other surrounding city. The progress that has been made in the downtown up to now, such as the Melrose Underpass, Clementine Homes and the completion of the Pedestrian Bridge are testaments that we are going in the right direction and yet many city residents have never even seen these completed projects. We want to spark interest to the downtown area so that residents make it a habit of coming down throughout the year and not just on special occasions. Economic leakage diminishes when our own City residents spend in our own City and we also draw tax revenue from non-residents spending in Placentia.

Attendance at our Tamale Fest continues to grow each year and we can draw as many as 15,000 + persons. We believe that our Tamale Fest, is probably the second largest in Southern California next to the Indio Tamale Fest. While we continue to grow each year

we are very proud of the great reputation we have achieved. The City of Placentia has been instrumental in partnering with the downtown merchants and together we have achieved this success. We are, however, in a position where we cannot sustain these events by ourselves, therefore, that is why we ask for continued collaboration from the City.

As prosperity arrives to the future of Downtown area, we would anticipate additional continued events such as Farmers Markets, Strawberry Festival, Orange Festival, Dia de Los Muertos and other monthly attractions in order to be able to compete with surrounding Downtowns. The projected Metro Link Station and new Parking Structure should also be a great vehicle for revitalization of the area and help inject a new life to our community.

Following is a list of the scope of the event and the services that we would request assistance from the City in order to obtain the same level of quality service for the Annual Tamale Festival and Las Posadas 2016.

DESCRIPTION OF EVENT:

22nd ANNUAL TAMALE FESTIVAL AND LAS POSADAS & HOLIDAY TREE LIGHTING

DATE: Wednesday, December 07, 2016

TIME: 4PM-9:30PM

LOCATION: DOWNTOWN PLACENTIA

ACTIVITIES:

- Food, craft, display and game booths,
- Live entertainment in staged area,
- Beer and Wine Booths,
- Posada
- Santa Claus Village (Placentia Rotary has committed to providing Santa Claus, providing toys for the children, setup and staging of elves.)
- Holiday Tree Lighting
- Santa's Journey via electronics with screen background
- Decoration of Main Stage

**REQUEST FOR SERVICES NEEDED FROM THE CITY OF PLACENTIA
AT A TOTAL COST OF \$8,000.00 TO BE PAID BY THE
PLACITA SANTA FE MERCHANTS ASSOCIATION**

Department of Community Services:

Provide a Staff liaison, Felipe Zambrano, to be a member of the planning committee

Mr. Zambrano to be in attendance for event & provide:

Direction for set-up, logistics of event, teardown

Provide assistance with red-shirts on day of event for set-up & teardown

Advertise in Placentia Quarterly and City Website, Lamar and Premiere Marquee

Assist in Vendor notification and vendor check-in and parking

Provide communication with Sam's Club to allow parking for shuttle.
Provide Shuttle Service to event
Provide First Aid Station
Provide Banner space on Kraemer Blvd. and Chapman Aves.
Other support you may feel necessary

Department of Public Works:

Provide cones and signs in appropriate streets notifying of street closure day of.
Close off all required streets.
Provide Barricades
Provide services for clean up during and after event
Provide Street sweepers after event.
Other support you may feel necessary.

Police Department:

Provide event patrol during event.
Provide Explorers or cadets during event.
Other support you may feel necessary.

Payment:

Payment for said services will be a total of \$8,000.00 from the Placita Santa Fe Merchants to the City of Placentia. We would like to request to make payments as follows:

\$3,000 day of event
\$3,000 by end of December
\$2,000 by end of January

It is also our intent to obtain an ABC permit to sell beer and wine at event and this will be done in accordance with the guidelines of The City of Placentia and Department of ABC as we have always done in the past.

I would like to express my sincere gratitude to the City of Placentia and City Council for all past support in helping us make these events tremendously successful. Showcasing the downtown area and bringing the community together in these family events is very important to all of us. Thank you for your consideration.

Best Regards,

Rosalina Davis

Rosalina Davis, Chairperson

22st Annual Tamale Festival and Las Posadas

RESOLUTION NO. R-2016-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACENTIA AUTHORIZING THE TEMPORARY SUSPENSION OF REGULATORY ORDINANCE SECTIONS 23.76.050 AND 10.28.010 OF THE PLACENTIA MUNICIPAL CODE FOR THE OPERATION OF THE LAS POSADAS AND TAMALE FESTIVAL ON DECEMBER 7, 2016 ON THE 100 AND 200 BLOCKS OF SANTA FE AVENUE AND THE 200 BLOCK OF BRADFORD AVENUE

A. Recitals.

(i) The City of Placentia adopted Ordinance No. O-2008-10 which amended Title 1 of the Placentia Municipal Code by adding Chapter 1.14 allowing the City Council the discretion to temporarily suspend specific Ordinances during special events when it has been determined that the public welfare and interest will be served by such suspension.

(ii) The City Council finds that certain events of broad public interest may benefit the City and the City's economy by attracting large numbers of visitors, by generating favorable publicity, and by enhancing a marketable image for the City.

B. Resolution.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF PLACENTIA DOES HEREBY FIND, DETERMINE AND RESOLVE AS FOLLOWS:

1. In all respects as set forth in the Recitals, Part A., of this Resolution.

2. The City temporarily suspends Placentia Municipal Code Section 23.76.050 relative to use of amplified music which may exceed the noise standards during the Las Posadas and Tamale Festival on 100 and 200 Blocks of Santa Fe Avenue and the 200 Block of Bradford Avenue on Wednesday, December 7, 2016, from 4:00 p.m. to 9:30 p.m.

3. The City temporarily suspends Placentia Municipal Code Section 10.28.010 relative to the controlled use of alcohol in a public place during the Las Posadas and Tamale Festival on 100 and 200 Blocks of Santa Fe Avenue and the 200 Block of Bradford Avenue on Wednesday, December 7, 2016, from 4:00 p.m. to 9:30 p.m.

4. The specified sections of the Placentia Municipal Code (Sections 23.76.050 and 10.28.010) shall remain in full force and effect throughout the remainder of the City.

5. This Resolution shall take effect from and after its date of adoption.

PASSED and ADOPTED this 15th day of November 2016.

JEREMY B. YAMAGUCHI, MAYOR

ATTEST:

PATRICK J. MELIA, CITY CLERK

I, PATRICK J. MELIA, City Clerk of the City of Placentia, do hereby certify that the foregoing Resolution was adopted at a regular meeting of the City Council of the City of Placentia, held on the 15th day of November 2016, by the following vote:

AYES: COUNCILMEMBERS:
NOES: COUNCILMEMBERS:
ABSENT: COUNCILMEMBERS:
ABSTAIN: COUNCILMEMBERS:

PATRICK J. MELIA, CITY CLERK

APPROVED AS TO FORM:

CHRISTIAN BETTEHNAUSEN, CITY ATTORNEY



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL

VIA: CITY ADMINISTRATOR

FROM: DIRECTOR OF DEVELOPMENT SERVICES

DATE: NOVEMBER 15, 2016

SUBJECT: **PUBLIC HEARING, INTRODUCTION AND FIRST READING OF STATE MANDATED ORDINANCE NO. O-2016-07 OF THE CITY COUNCIL OF THE CITY OF PLACENTIA, CALIFORNIA, REPEALING CHAPTER 18.04 OF TITLE 18 AND CHAPTERS 20.03, 20.04, 20.08, 20.12, 20.16, 20.20 AND 20.56 OF TITLE 20 OF THE PLACENTIA MUNICIPAL CODE AND ADOPTING BY REFERENCE, THE CALIFORNIA FIRE CODE, 2016 EDITION, THE CALIFORNIA BUILDING CODE, 2016 EDITION, THE CALIFORNIA RESIDENTIAL CODE, 2016 EDITION, THE CALIFORNIA GREEN BUILDING STANDARDS CODE, 2016 EDITION, THE CALIFORNIA PLUMBING CODE, 2016 EDITION, THE CALIFORNIA MECHANICAL CODE, 2016 EDITION, AND THE CALIFORNIA ELECTRICAL CODE, 2016 EDITION, INCLUDING ALL APPENDICES, WITH CERTAIN AMENDMENTS, ADDITIONS AND DELETIONS THERETO, INCLUDING FEES AND PENALTIES; AND ADOPTION OF A RESOLUTION MAKING REQUIRED FINDINGS PURSUANT TO THE CALIFORNIA HEALTH & SAFETY CODE**

FISCAL

IMPACT: No fiscal impacts are anticipated with this ordinance as all costs will be recovered through the plan check and inspection process.

SUMMARY:

Every three years the California Building Standards Commission adopts a new set of State mandated model codes to regulate development and construction projects within the State of California. These model codes are effective for all local jurisdictions unless a jurisdiction adopts local amendments to the model codes. If a jurisdiction amends the model codes, then it is the responsibility of that jurisdiction to adopt the code by reference and the applicable local amendments prior to January 1st of the year the model codes become effective. With this action, the City Council will conduct a Public Hearing to consider the 2016 Fire and Building related Codes and obtain public input regarding the proposed amendments recommended by Staff.

RECOMMENDATION:

It is recommended that the City Council:

1. Open the Public Hearing concerning Ordinance No. O-2016-07; and
2. Receive the Staff Report and consider all Public Testimony; and

2.a.

November 15, 2016

3. Close the Public Hearing; and
4. Waive full reading, by title only, and introduce for first reading Ordinance No. O-2016-07, An Ordinance of the City Council of the City of Placentia repealing Chapter 18.04 of Title 18 and Chapters 20.03, 20.04, 20.08, 20.12, 20.16, 20.20 and 20.56 of Title 20 of the Placentia Municipal Code and adopting by reference, the California Fire Code, 2016 Edition, the California Building Code, 2016 Edition, the California Residential Code, 2016 Edition, the California Green Building Standards Code, 2016 Edition, the California Plumbing Code, 2016 Edition, the California Mechanical Code, 2016 Edition, and the California Electrical Code, 2016 Edition, including all appendices, with certain amendments, additions and deletions thereto, including fees and penalties; and
5. Adopt Resolution No. R-2016-XX, A Resolution of the City Council of the City of Placentia, making required findings pertaining to modification to the uniform fire and construction codes adopted by Ordinance No. O-2016-07 based upon local climatic, topographic and geologic conditions in accordance with the requirements of § 17958.5 of the California Health and Safety Code.

BACKGROUND:

The California Building Standards Commission reviews and revises the model codes that regulate development and construction projects within the State of California every three years. The new model codes are then adopted by the State. California adopted the model codes in July 2016, with an effective date of January 1, 2017. Although the models are effective without local adoption, local adoption permits a city to amend the codes to reflect local conditions. The State Fire Marshal is responsible for adopting the Fire Code updates and the City, as a member of the Orange County Fire Authority (OCFA), defers the development of local amendments to OCFA.

DISCUSSION:

The City participated with all member cities of the Orange County Fire Authority to review the updated codes as adopted by the California Building Standards Commission and the Fire Code as adopted by the State Fire Marshal. There are a total of seven State mandated codes which have been revised for the 2016 cycle and adopted by the State as follows:

- 2016 California Building Code
- 2016 California Mechanical Code
- 2016 California Green Building Standards Code
- 2016 California Fire Code (State Fire Marshal)
- 2016 California Plumbing Code
- 2016 California Electrical Code
- 2016 California Residential Code

Per California Government Code § 50022.2, the model codes may be adopted by reference, without the necessity of publishing the entirety of the model codes. Local adoption of such codes is mandated on January 1, 2017, and requires approval of the City Council. Prior to such adoption, jurisdictional bodies may amend said codes if such amendments are justified on the basis of a local climatic, local geological or local topographical condition which makes such amendments necessary. The proposed local amendments reflect local climactic, geographic, or geological conditions that are unique to Placentia.

The City Attorney's Office in conjunction with the City's Building Division, and OCFA have completed a thorough analysis of the State Codes and developed a locally amended version for adoption. A detailed listing of the local amendments proposed for adoption is set forth in the attached Resolution.

Prepared by:



Joseph M. Lambert
Director of Development Services

Reviewed and approved:



Damien R. Arrula
City Administrator

Attachments:

1. City Council Ordinance No. O-2016-07
2. Resolution No. R-2016-XX
3. Public Hearing Notice Published 11/4/2016 and 11/11/2016

ORDINANCE NO. O-2016-07

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF PLACENTIA, CALIFORNIA, REPEALING CHAPTER 18.04 OF TITLE 18 AND CHAPTERS 20.03, 20.04, 20.08, 20.12, 20.16, 20.20 AND 20.56 OF TITLE 20 OF THE PLACENTIA MUNICIPAL CODE AND ADOPTING BY, REFERENCE, THE CALIFORNIA FIRE CODE, 2016 EDITION, THE CALIFORNIA BUILDING CODE, 2016 EDITION, THE CALIFORNIA RESIDENTIAL CODE, 2016 EDITION, THE CALIFORNIA PLUMBING CODE, 2016 EDITION, THE CALIFORNIA ELECTRICAL CODE, 2016 EDITION, CALIFORNIA MECHANICAL CODE, 2016 EDITION, AND THE CALIFORNIA GREEN BUILDING STANDARDS CODE, 2016 EDITION, INCLUDING ALL APPENDICES, WITH CERTAIN AMENDMENTS, ADDITIONS AND DELETIONS THERETO, INCLUDING FEES AND PENALTIES.

City Attorney's Summary

This Ordinance repeals existing provisions of Titles 18 and 20 of the Placentia Municipal Code and adopts new standards and codes regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the City as well as prescribing regulations for erecting, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, equipment use, height, and area of buildings and structures. This Ordinance adopts, by reference, the California Fire Code, 2016 Edition, and codes adopted by the California Building Standards Commission, including the California Building Code, 2016 Edition, the California Residential Code, 2016 Edition, the California Green Building Standards Code, 2016 Edition; the California Plumbing Code, 2016 Edition, the California Mechanical Code, 2016 Edition, the California Electrical Code, 2016 Edition and provides for the issuance of permits and collection of fees therefor and establishing penalties for violation(s) thereof.

A. Recitals.

1. WHEREAS, pursuant to California Government Code Section 50022.1 et seq. the City of Placentia may adopt by reference the California Building Standards Code, 2016 Edition as provided in Title 24 of the California Code of Regulations and other model codes; and
2. WHEREAS, the California Building Standards Commission

("Commission") recently adopted the 2016 Edition of the California Building Standards Code; and

3. WHEREAS, California Health and Safety Code Section 17958.7 and 18941.5 authorize cities to adopt the California Building Standards Code with modifications determined to be reasonably necessary because of local climatic, geological or topographical conditions; and
4. WHEREAS, the City desires to adopt the California Building Standards Code and other model codes with the necessary amendments to assure the Codes are tailored to the particular safety needs of the City as required by its unique climatic, geological and topographical conditions; and
5. WHEREAS, the Orange County Fire Marshall and Building Official have recommended that changes and modifications be made to the California Building Standards Code, and have advised that certain changes and modifications to said Code are reasonably necessary due to local conditions within the City, and have further advised that the remainder of the said changes and modifications are of an administrative or procedural nature, or concern themselves with subjects not covered by the Code, or are reasonably necessary to safeguard life and property within the City; and
6. WHEREAS, the Fire Marshall and Building Official have also recommended that changes and modifications be made to the California Building Standards Code, which are necessary for administrative clarification and to establish administrative standards for the effective enforcement of the building standards of the City and do not modify a building standard pursuant to California Health & Safety Code Section 17958, 17958.7, and/or 18941.5; and
7. WHEREAS, the City held a public hearing on November 8, 2016, at which time all interested persons had the opportunity to appear and be heard on the matter of adopting the Codes as amended herein; and
8. WHEREAS, the City published notice of the aforementioned public hearing pursuant to California Government Code Section 6066 on November 4, 2016 and November 11, 2016; and of the Government Code; and

9. WHEREAS, any and all other legal prerequisites relating to the adoption of this Ordinance have occurred.

B. Ordinance.

The City Council of the City of Placentia does ordain as follows:

SECTION 1. In all respects as set forth in the Recitals, Part A., of this Ordinance.

SECTION 2. Purpose. The purpose of this ordinance is to adopt by reference the latest edition of the 2016 California Building Code which incorporates and amends the International Building Code, 2012 Edition; the 2016 California Electrical Code, which incorporates and amends the National Electrical Code, 2011 Edition; the 2016 California Mechanical Code, which incorporates and amends the Uniform Mechanical Code, 2012 Edition; the 2016 California Plumbing Code, which incorporates and amends the Uniform Plumbing Code, 2012 Edition; the 2016 California Fire Code, which incorporates and amends the International Fire Code, 2012 Edition; the 2016 California Residential Code, which incorporates and amends the International Residential Code, 2012 Edition, and the 2016 of the California Green Building Standards Code.

SECTION 3. Authority. Pursuant to Government Code section 50022.2, the City Council adopts this ordinance adopting by reference the California Building Standards Code (California Code of Regulations, Title 24) as required and/or permitted by state statutes, including Health and Safety Code sections 17922, 18938 and 18941.5.

SECTION 4. Findings. The City Council made findings that the proposed amendments to the Codes are reasonably necessary because of local climatic, geologic or topographic conditions. The findings are supported and based upon the express findings and determinations, set forth in Resolution No. _____, adopted November 15, 2016.

SECTION 5. Amendment. Chapter 18.04 of Title 18 and Chapters 20.03, 20.04, 20.08, 20.12, 20.16, and 20.20 of Title 20 of the Placentia Municipal Code hereby are repealed, in their entirety; provided, however, that said repeal shall not vitiate any permit or entitlement issued thereunder and, further, said repeal shall not apply to or excuse any violation(s) thereof occurring prior to the effective date of this ordinance and provided further that the codes thereby adopted, as previously adopted by reference and amended by ordinances of this City,

shall continue to be applicable to construction wherein plans have been submitted for plan check as of the effective date of this ordinance so long as the initial permit therefor is issued no later than thirty (30) days after the effective date of this Ordinance.

Section 6. A new Chapter 18.04 hereby is added to Title 18 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 18.04

"California Fire Code, 2016 Edition

"Sections:

| | |
|-------------------|------------------------------------|
| "18.04.010 | Title |
| "18.04.020 | Purpose |
| "18.04.030 | Adoption of Fire Code |
| "18.04.040 | Definition of Terms |
| "18.04.050 | Amendments to Fire Code |
| "18.04.060 | Enforcement and Inspections |
| "18.04.070 | Fees |
| "18.04.080 | Copy filed |

"Section 18.04.010 - Title.

"This Chapter shall be known as the 'Placentia Fire Code.'

"Section 18.04.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations and govern the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Section 18.04.030 - Adoption of Fire Code.

"There hereby is adopted as the 'Placentia Fire Code,' except as otherwise provided in this Chapter, that certain code known and designated as the California Fire Code, 2016 Edition, based on the 2012 International Fire Code published by the International Code Council, as set forth in Title 24, Part 9 of the California Code of Regulations, including all appendices thereto and including all amendments made herein, and such Code

shall be and become the Fire Code of the City of Placentia, to regulate and govern the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Fire Code, said State regulations shall prevail over the provisions of the Placentia Fire Code except as specifically modified herein.

"Section 18.04.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Fire Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Building department' means the 'building and safety division' of the City.

"(B) 'Building official' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(C) 'City' means the City of Placentia.

"(D) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

"(E) 'Jurisdiction' means the City of Placentia.

"(F) 'Local Enforcing Agency' means the Orange County Fire Authority or the Building Official of City.

"(G) 'OCFA' Orange County Fire Authority, fire authority having jurisdiction.

"Section 18.04.050 - Amendments to Fire Code.

"The following provisions of the California Fire Code hereby are amended to read, in words and figures, as follows:

"Section 109.4. Violation - Penalties hereby revised as

follows:

109.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or shall fail to comply with any issued orders or notices or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, ~~shall be guilty of a [SPECIFY OFFENSE] punishable by a fine of not more than [AMOUNT] dollars or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment~~ shall result in penalties assessed as prescribed in the OCFA Prevention Field Services adopted fee schedule. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 109.4.2 Infraction and misdemeanor is hereby added as follows:

109.4.2 Infraction and misdemeanor. Persons operating or maintaining any occupancy, premises or vehicle subject to this code that shall permit any fire or life safety hazard to exist on premises under their control shall be guilty of an infraction. Persons who fail to take immediate action to abate a fire or life safety hazard when ordered or notified to do so by the chief or a duly authorized representative are guilty of a misdemeanor.

Chapter 2

Definitions

Chapter 2 Definitions is adopted in its entirety with the following amendments:

Sections 202 General Definitions is hereby revised by adding "OCFA," "Sky Lantern," and "Spark Arrester" as follows:

202 General Definitions

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SKY LANTERN. An airborne lantern typically made of paper,

Mylar, or other lightweight material with a wood, plastic, or metal frame containing a candle, fuel cell, or other heat source that provides buoyancy.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

1. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
2. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Chapter 3

General Requirements

Chapter 3 General Requirements is adopted in its entirety with the following amendments:

Section 304.1.2 Vegetation is hereby revised as follows:

304.1.2 Vegetation. Type, amount, or arrangement of weeds, Weeds,—grass, vines or other growth that is capable of being ignited and endangering property—needing to comply with OCFA Guidelines, shall be cut down, thinned, and removed by the owner or occupant of the premises in accordance with OCFA Guideline C-05 "Vegetation Management Guideline—Technical Design for New Construction, Fuel Modification Plans, and Maintenance Program. Vegetation clearance requirement in urban-wildland interface areas shall be in accordance with Chapter 49.

Section 305.6 Hazardous Conditions is hereby added as follows:

305.6 Hazardous conditions. Outdoor fires are not allowed when predicted sustained winds exceed 8 MPH during periods when relative humidity is less than 25%, or a red flag condition has been declared or public announcement is made, when an official sign was caused to be posted by the fire code official, or when such fires present a hazard as determined by the fire code official.

Section 305.7 Disposal of rubbish is hereby added as follows:

305.7 Disposal of rubbish. Rubbish, trash or combustible waste material shall be burned only within an approved incinerator and in accordance with Section 307.2.1.

Section 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES is hereby amended as follows:

SECTION 307 OPEN BURNING, RECREATIONAL FIRES, FIRE PITS, FIRE RINGS, AND PORTABLE OUTDOOR FIREPLACES

Sections 307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies is hereby added as follows:

307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices used at Group R shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for cooking.

Section 307.6.1 Gas-fueled devices is hereby added as follows:

307.6.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. At other R occupancies, the minimum distance shall be ten feet. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester as defined in Section 202.

Section 307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas. Fireplaces burning wood or other solid fuel shall be constructed in accordance with the California Building Code. Fires in a fireplace shall be

contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks. The burning of wood or other solid fuel in a device is not allowed within 15 feet of combustible structures, unless within a permanent or portable fireplace. Conditions which could cause a fire to spread within 25 feet of a structure or to vegetation shall be eliminated prior to ignition. Fires in devices burning wood or solid fuel shall be in accordance with Sections 305, 307, and 308.

Section 307.6.2.1 Where prohibited is hereby added as follows:

307.6.2.1 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone. Wood and other solid fuel burning fires in devices other than permanent fireplaces are not allowed within Wildfire Risk Areas (WRA) and Wildland-Urban Interface Areas (WUI) or in locations where conditions could cause the spread of fire to the WRA or WUI unless determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

Section 309.2.1 Indoor charging of electric carts/cars is hereby added as follows:

309.2.1 Indoor charging of electric carts/cars. Indoor charging of electric carts/cars where the combined volume of all battery electrolyte exceeds 50 gallons shall comply with following:

1. Spill control and neutralization shall be provided and comply with Section 608.5.
2. Room ventilation shall be provided and comply with Section 608.6.1
3. Signage shall be provided and comply with Section 608.7.1
4. Smoke detection shall be provided and comply with Section 608.9.

Section 320 Fuel Modification Requirements for New Construction is hereby added as follows:

320 Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05

"Vegetation Management Guideline - Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 321 Clearance of brush or vegetation growth from roadways is hereby added as follows:

321 Clearance of brush or vegetation growth from roadways.

The fire code official is authorized to cause areas within 10 feet (3048 mm) on each side of portions of highways and private streets which are improved, designed or ordinarily used for vehicular traffic, to be cleared of flammable vegetation and other combustible growth. Measurement shall be from the flow-line or the end of the improved edge of the roadway surfaces.

Exception: Single specimens of trees, ornamental shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground covers, provided that they do not form a means of readily transmitting fire.

Section 322 Unusual Circumstances is hereby added as follows:

322 Unusual circumstances. The fire code official may suspend enforcement of the vegetation management requirements and require reasonable alternative measures designed to advance the purpose of this code if determined that in any specific case that any of the following conditions exist:

1. Difficult terrain.
2. Danger of erosion.
3. Presence of plants included in any state and federal resources agencies, California Native Plant Society and county-approved list of wildlife, plants, rare, endangered and/or threatened species.
4. Stands or groves of trees or heritage trees.
5. Other unusual circumstances that make strict compliance with the clearance of vegetation provisions undesirable or impractical.

Section 323 Use of Equipment is hereby added as follows:

323 Use of equipment. Except as otherwise provided in this section, no person shall use, operate, or cause to be operated in, upon or adjoining any hazardous fire area any internal combustion engine which uses hydrocarbon fuels, unless the engine is equipped with a spark arrester as

defined in Section 202 maintained in effective working order, or the engine is constructed, equipped and maintained for the prevention of fire.

Exceptions:

1. Engines used to provide motor power for trucks, truck tractors, buses, and passenger vehicles, except motorcycles, are not subject to this section if the exhaust system is equipped with a muffler as defined in the Vehicle Code of the State of California.
2. Turbocharged engines are not subject to this section if all exhausted gases pass through the rotating turbine wheel, there is no exhaust bypass to the atmosphere, and the turbocharger is in good mechanical condition

Section 323.1 Spark Arresters is hereby added as follows:

323.1 Spark arresters. Spark arresters shall comply with Section 202, and when affixed to the exhaust system of engines or vehicles subject to Section 323 shall not be placed or mounted in such a manner as to allow flames or heat from the exhaust system to ignite any flammable material.

Section 324 Sky Lanterns or similar devices is hereby added as follows:

324 Sky Lanterns or similar devices. The ignition and/or launching of a Sky Lantern or similar device is prohibited.

Chapter 4

Emergency Planning and Preparedness

Chapter 4: Emergency Planning and Preparedness. Adopt only the sections, subsections, and amendment listed below:

401
401.3.4
401.9
402
403.2
404.5 - 404.6.6
407

Section 407.5 is revised as follows:

407.5 Hazardous Materials Inventory Statement. Where required by the fire code official, each application for a permit shall include ~~a Hazardous Materials Inventory Statement~~ OCFA's Chemical Classification Packet in accordance with Section 5001.5.2.

Chapter 5

Fire Service Features

Chapter 5 Fire Service Features is adopted in its entirety with the following amendments:

SECTION 501.1 Scope is revised as follows:

501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter and, where required by the fire code official, with OCFA Guideline B-09, "Fire Master Plan for Commercial & Residential Development." Fire service features for buildings, structures and premises located in State Responsibility Areas shall also comply with OCFA Guideline B-09a, "Fire Safe Development in State Responsibility Areas."

Section 510.1 Emergency responder radio coverage is revised as follows:

510.1 Emergency responder radio coverage in new buildings. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building. This section shall not require improvement of the existing public safety communication systems. The Emergency Responder Radio Coverage System shall comply with the local authority having jurisdiction's ordinance and this code.

Exceptions:

- ~~1. Where approved by the building official and the fire code official, a wired communication system in~~

~~accordance with Section 907.2.13.2 shall be permitted to be installed or maintained instead of an approved radio coverage system.~~

- ~~2.~~ 1. Where it is determined by the fire code official that the radio coverage system is not needed.
- ~~3.~~ 2. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of that facility, the fire code official shall have the authority to accept an automatically activated emergency radio coverage system.

This section shall not apply to the following:

1. Existing buildings or structures, unless required by the Building Official and OCFA for buildings and structures undergoing extensive remodel and/or expansion.
2. Elevators.
3. Structures that are three stories or less without subterranean storage or parking and that do not exceed 50,000 square feet on any single story.
4. Wood-constructed residential structures four stories or less without subterranean storage or parking that are not built integral to an above ground multi-story parking structure.
5. Should construction that is three stories or less that does not exceed 50,000 square feet on any single story include subterranean storage or parking, then this ordinance shall apply only to the subterranean areas.

Section 510.2 Emergency responder radio coverage in existing buildings is deleted without replacement:

~~**510.2 Emergency responder radio coverage in existing buildings.** Existing buildings shall be provided with approved radio coverage for emergency responders as required in Chapter 11.~~

Section 510.4.2.2 Technical Criteria is revised as follows:

510.4.2.2 Technical criteria. The fire code official shall maintain a document providing the specific technical information and requirements for the emergency responder radio coverage system. This document shall contain, but not be limited to, the various frequencies required, the

location of radio sites, effective radiated power of radio sites, and other supporting technical information.

1. The frequency range supported from the 800 MHz Countywide Communications System shall be 851-869 MHz (base transmitter frequencies).
2. The frequency range supported to the 800 MHz Countywide Communications System shall be 806-824 MHz (radio field transmit frequencies).
3. A public safety radio amplification system shall include filters to reject frequencies below 851 MHz and frequencies above 869 MHz by a minimum of 35dB.
4. All system components must be 100 percent compatible with analog and digital modulations after installation without adjustments or modifications. The systems must be capable of encompassing the frequencies stated herein and capable of future modifications to a frequency range subsequently established by the jurisdiction.
5. Active devices shall have a minimum of -50 dB 3rd order intermodulation protection.
6. All active in-building coverage devices shall be FCC Part 90 Type Certified

Section 510.5.1 Approval prior to installation is revised as follows:

510.5.1 Approval prior to installation. Amplification systems capable of operating on frequencies licensed to any public safety agency by the FCC shall not be installed without prior plan submittal, coordination and approval from Orange County Communications and a copy of the approved plan provided to ~~of~~ the fire and building code officials.

Section 510.5.2 Minimum qualification of personnel is revised as follows:

510.5.2 Minimum qualifications of personnel. The minimum qualifications of the system designer and lead installation personnel shall include both of the following:

1. A valid FCC-issued general radio operator's license.
2. Certification of in-building system training issued by a nationally recognized organization, school or a certificate issued by the manufacturer of the equipment being installed.

~~These qualifications shall not be required where~~

~~demonstration of adequate skills and experience
satisfactory to the fire code official is provided.~~

Section 510.5.3 Acceptance test procedure item 7 is revised as follows:

510.5.3 Acceptance test procedure. When an emergency responder radio coverage system is required, and upon completion of installation, the building owner shall have the radio system tested to ensure that two-way coverage on each floor of the building is not less than 90 percent. The test procedure shall be conducted as follows: ...

7. As part of the installation a spectrum analyzer or other suitable test equipment shall be utilized to ensure spurious oscillations are not being generated by the subject signal booster. This test shall be conducted at the time of installation and subsequent annual inspections by the FCC licensed technician hired by the property owner and an OCSD/Communications Division FCC-certified technician.

Section 510.6.1 Testing and proof of compliance is revised as follows:

510.6.1 Testing and proof of compliance.

The owner of the building or their representative shall have the emergency responder radio coverage system ~~shall be~~ inspected and tested annually or where structural changes occur including additions or remodels that could materially change the original field performance tests. Testing shall consist of the following:

1. ~~In-building coverage test as described in Section 510.5.3.~~ In-building system components shall be tested to determine general functional operability.
2. Signal boosters shall be tested to ensure that the gain is the same as it was upon initial installation and acceptance.
3. Backup batteries and power supplies shall be tested under load of a period of one hour to verify that they will properly operate during an actual power outage. If within the 1-hour test period the battery exhibits symptoms of failure, the test shall be extended for additional 1-hour periods until the integrity of the battery can be determined.
4. Other active components shall be checked to verify operation within the manufacturer's

specifications.

5. If noncompliance is found, the FCC licensed technician will assess improvements necessary and provide such information to OCSD Communications and the fire and building code officials.

56. At the conclusion of the testing, a certification report, which shall verify compliance with Section 510.5.3, shall be submitted to OCSD Communications and the fire and building code officials.

Chapter 6

Building Services and Systems

Chapter 6 Building Services and Systems is adopted in its entirety without amendments:

Chapter 7

Fire-Resistance-Rated Construction

Chapter 7 Fire-Resistance-Rated Construction is adopted in its entirety without amendments.

Chapter 8

Interior Finish, Decorative Materials and Furnishings

Chapter 8 Interior Finish, Decorative Materials and Furnishings is adopted in its entirety without amendments.

Chapter 9

Fire Protection Systems

Adopt Chapter 9 Fire Protection Systems is adopted in its entirety with the following amendments:

Section 903.2 Where required is hereby revised as follows:

903.2 Where required. Approved automatic sprinkler systems in new-buildings and structures shall be provided when one of the following conditions exists: ~~in the locations~~

~~described in Sections 903.2.1 through 903.2.12.~~

1. **New buildings:** Notwithstanding any applicable provisions of Sections 903.2.1 through 903.2.19, an automatic fire-extinguishing system shall also be installed in all occupancies when the total building area exceeds 5,000 square feet as defined in Section 202, regardless of fire areas or allowable area, or is more than two stories in height.

Exception: Subject to approval by the Fire Code Official, open parking garages in accordance with Section 406.5 of the California Building Code.

2. **Existing Buildings:** Notwithstanding any applicable provisions of this code, an automatic sprinkler system shall be provided in an existing building when an addition occurs and one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area, and the resulting building area exceeds 5000 square feet
 - b. When an addition exceeds 2000 square feet and the resulting building area exceeds 5000 square feet.
 - c. An additional story is added above the second floor regardless of fire areas or allowable area.

Exception: Additions to Group R-3 occupancies shall comply with Section 903.2.8 (2).

Section 903.2.8 Group R is hereby revised as follows:

903.2.8 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. **New Buildings:** An automatic sprinkler system shall be installed throughout all new buildings.
2. **Existing R-3 Buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area as defined in Section 202, and greater than 1000 square feet within a two year period; or,

- b. An addition when the existing building is already provided with automatic sprinklers; or,
- c. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Exceptions:

1. Existing Group R-3 occupancies converted to Group R-3.1 occupancies and not housing bedridden clients, not housing nonambulatory clients above the first floor, and not housing clients above the second floor.
2. Existing Group R-3 occupancies converted to Group R-3.1 occupancies housing only one bedridden client and complying with Section 435.8.3.3 of the California Building Code.
3. Pursuant to Health and Safety Code, Section 13113, occupancies housing ambulatory children only, none of whom are mentally ill children or children with intellectual disabilities, and the buildings or portions thereof in which such children are housed are not more than two stories in height, and building or portions thereof housing such children have an automatic fire alarm system activated by approved smoke detectors.
4. Pursuant to Health and Safety Code, Section 13143.6, occupancies licensed for protective social care which house ambulatory clients only, none of whom is a child (under the age of 18 years), or who is elderly (65 years of age or over).

When not used in accordance with Section 504.2 or 506.3 of the California Building Code, an automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in Group R-2.1 occupancies.

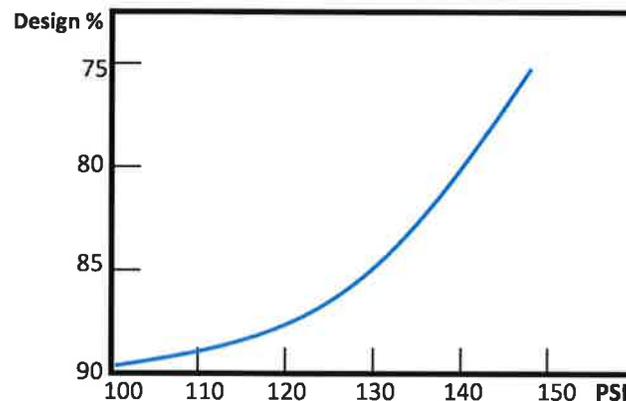
An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group R-2.1 or R-4 occupancies.

Section 903.3.5.3 Hydraulically calculated systems is hereby added as follows:

903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity.

Exception: When static pressure exceeds 100 psi, and when required by the fire code official, the fire sprinkler system shall not exceed the water supply capacity specified by Table 903.3.5.3.

TABLE 903.3.5.3
Hydraulically Calculated Systems



Chapter 10

Means of Egress

Chapter 10 Means of Egress is adopted in its entirety without amendments.

Chapter 11

Construction Requirements for Existing Buildings

Chapter 11 Construction Requirements for Existing Buildings.

Adopt only those sections and subsections listed below:

- 1103.7
- 1103.7.3
- 1103.7.3.1
- 1103.7.8 - 1103.7.8.2
- 1103.7.9 - 1103.7.9.10
- 1103.8 - 1103.8.5.3
- 1107
- 1113
- 1114
- 1115
- 1116

Chapter 20

Aviation Facilities

Chapter 20 Aviation Facilities is adopted in its entirety without amendments.

Chapter 21

Dry Cleaning

Chapter 21 Dry Cleaning is adopted in its entirety without amendments.

Chapter 22

Combustible Dust-Producing Operations

Chapter 22 Combustible Dust-Producing Operations is adopted in its entirety without amendments.

Chapter 23

Motor Fuel-Dispensing Facilities and Repair Garages

Chapter 23 Motor Fuel-Dispensing Facilities and Repair Garages is adopted in its entirety without amendments.

Chapter 24

Flammable Finishes

Chapter 24 Flammable Finishes is adopted in its entirety without amendments.

Chapter 25

Fruit and Crop Ripening

Chapter 25 Fruit and Crop Ripening is deleted in its entirety.

Chapter 26

Fumigation and Insecticidal Fogging

Chapter 26 Fumigation and Insecticidal Fogging is deleted in its entirety.

Chapter 27

Semiconductor Fabrication Facilities

Chapter 27 Semiconductor Fabrication Facilities is adopted in its entirety without amendments

Chapter 28

Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities

Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities is adopted in its entirety with the following amendments:

Section 2801.2 Permit is hereby revised as follows:

2801.2 Permit. Permits shall be required as set forth in Section 105.6 and 105.6.29.

Section 2808.2 Storage site is hereby revised as follows:

2808.2 Storage site. Storage sites shall be level and on solid ground, elevated soil lifts or other all-weather surface. Sites shall be thoroughly cleaned and approval obtained from the fire code official before transferring ~~weed~~-products to the site.

Section 2808.3 Size of piles is hereby revised as follows:

2808.3 Size of piles. Piles shall not exceed ~~25~~-15 feet in height, ~~150~~-50 feet in width and ~~250~~-100 feet in length.

Exception: The fire code official is authorized to allow the pile size to be increased where a fire protection plan is provided for approval that includes, but is not limited to, the following:

1. Storage yard areas and materials-handling equipment selection, design and arrangement shall be based upon sound fire prevention and protection principles.
2. Factor that lead to spontaneous heating shall be identified in the plan, and control of the various

factors shall be identified and implemented, including provisions for monitoring the internal condition of the pile.

3. The plan shall include means for early fire detection and reporting to the public fire department; and facilities needed by the fire department for fire extinguishment including a water supply and fire hydrants.
4. Fire apparatus access roads around the piles and access roads to the top of the piles shall be established, identified and maintained.
5. Regular yard inspections by trained personnel shall be included as part of an effective fire prevention maintenance program.

Additional fire protection called for in the plan shall be provided and shall be installed in accordance with this code. The increase of the pile size shall be based upon the capabilities of the installed fire protection system and features.

Section 2808.4 Pile Separation is hereby revised as follows:

2808.4. Pile separation. Piles shall be separated from adjacent piles by ~~approved fire apparatus access roads~~ a minimum distance of 20 feet. Additionally, piles shall have a minimum separation of 100 feet from combustible vegetation.

Section 2808.7 Pile fire protection is hereby revised as follows:

2808.7 Pile fire protection. Automatic sprinkler protection shall be provided in conveyor tunnels and combustible enclosures that pass under a pile. Combustible conveyor systems and enclosed conveyor systems shall be equipped with an approved automatic sprinkler system. Oscillating sprinklers with a sufficient projectile reach are required to maintain a 40% to 60% moisture content and wet down burning/smoldering areas.

Section 2808.9 Material-handling equipment is hereby revised as follows:

2808.9 Material-handling equipment. All material-handling equipment operated by an internal combustion engine shall be provided and maintained with an approved spark arrester. Approved material-handling equipment shall be available for

moving wood chips, hogged material, wood fines and raw product during fire-fighting operations.

Section 2808.11 Temperature control is hereby added as follows:

2808.11 Temperature control. The temperature shall be monitored and maintained as specified in Sections 2808.11.1 and 2808.11.2.

Section 2808.11.1 Pile temperature control is hereby added as follows:

2808.11.1 Pile temperature control. Piles shall be rotated when internal temperature readings are in excess of 165 degrees Fahrenheit.

Section 2808.11.2 New material temperature control is hereby added as follows:

2808.11.2 New material temperature control. New loads delivered to the facility shall be inspected and tested at the facility entry prior to taking delivery. Material with temperature exceeding 165 degrees Fahrenheit shall not be accepted on the site. New loads shall comply with the requirements of this chapter and be monitored to verify that the temperature remains stable.

Section 2808.12 Water availability is hereby added as follows:

2808.12 Water Availability. Facilities with over 2500 cubic feet shall provide a water supply. The minimum fire flow shall be no less than 500 GPM @ 20 psi for a minimum of 1 hour duration for pile heights up to 6 feet and 2 hour duration for pile heights over 6 feet. If there is no water purveyor, an alternate water supply with storage tank(s) shall be provided for fire suppression. The water supply tank(s) shall provide a minimum capacity of 2500 gallons per pile (maximum 30,000 gallons) for piles not exceeding 6 feet in height and 5000 gallons per pile (maximum 60,000) for piles exceeding 6 feet in height. Water tank(s) shall not be used for any other purpose unless the required fire flow is left in reserve within the tank at all times. An approved method shall be provided to maintain the required amount of water within the tank(s).

Section 2808.13 Tipping area is hereby added as follows:

2808.13 Tipping areas shall comply with the following:

1. Tipping areas shall not exceed a maximum area of 50 feet by 50 feet.
2. Material within a tipping area shall not exceed 5 feet in height at any time.
3. Tipping areas shall be separated from all piles by a 20 foot wide fire access lane.
4. A fire hydrant or approved fire water supply outlet shall be located within 150 feet of all points along the perimeter of the tipping area.
5. All material within a tipping area shall be processed within 5 days of receipt.

Section 2808.14 Emergency Contact is hereby added as follows:

2808.14 Emergency Contact. The contact information of a responsible person or persons shall be provided to the Fire Department and shall be posted at the entrance to the facility for responding units. The responsible party should be available to respond to the business in emergency situation.

**Chapter 29
Manufacture of Organic Coatings**

Chapter 29 Manufacture of Organic Coatings is adopted in its entirety without amendments.

**Chapter 30
Industrial Ovens**

Chapter 30 Industrial Ovens is adopted in its entirety without amendments.

**Chapter 31
Tents and Other Membrane Structures**

Chapter 31 Tents and Other Membrane Structures is adopted in its entirety without amendments.

**Chapter 32
High-Piled Combustible Storage**

Chapter 32 High-Piled Combustible Storage is adopted in its entirety without amendments.

Chapter 33

Fire Safety During Construction and Demolition

Chapter 33 Fire Safety During Construction and Demolition is adopted in its entirety without amendments.

**Chapter 34
Tire Rebuilding and Tire Storage**

Chapter 34 Tire Rebuilding and Tire Storage is adopted in its entirety without amendments.

**Chapter 35
Welding and Other Hot Work**

Chapter 35 Welding and Other Hot Work is adopted in its entirety without amendments.

**Chapter 36
Marinas**

Chapter 36 Marinas is adopted in its entirety without amendments.

**Chapter 37
Combustible Fibers**

Chapter 37 Combustible Fibers is adopted in its entirety without amendments.

**Chapter 48
Motion Picture and Television Production Studio Sound Stages,
Approved Production Facilities and Production Locations**

Chapter 48 Motion Picture and Television Production Studio Sound Stages, Approved Production Facilities and Production Locations is adopted in its entirety without amendments.

**Chapter 49
Requirements for Wildland-Urban Interface Fire Areas**

Chapter 49 Requirements for Wildland-Urban Interface Fire Areas is adopted in its entirety with the following amendments:

Section 4906.3 Requirements is hereby revised as follows:

4906.3 Requirements. Hazardous vegetation and fuels around all applicable buildings and structure shall be maintained

in accordance with the following laws and regulations:

1. Public Resources Code, Section 4291.
2. California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 3, Section 1299 (see guidance for implementation "General Guideline to Create Defensible Space").
3. California Government Code, Section 51182.
4. California Code of Regulations, Title 19, Division 1, Chapter 7, Subchapter 1, Section 3.07.
5. OCFA Guideline C-05 "Vegetation Management Guideline - Technical Design for New Construction Fuel Modification Plans and Maintenance Program."

Section 4908 Fuel Modification Requirements for New Construction is hereby added as follows:

4908 Fuel Modification Requirements for New Construction.

All new buildings to be built or installed in a Wildfire Risk Area shall comply with the following:

1. Preliminary fuel modification plans shall be submitted to and approved by the fire code official prior to or concurrently with the approval of any tentative map.
2. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
3. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of OCFA Guideline C-05 "Vegetation Management Guideline - Technical Design for New Construction Fuel Modification Plans and Maintenance Program."
 - 3.1 The fuel modification plan shall include provisions for the maintenance of the fuel modification in perpetuity.
4. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.
5. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

Chapter 50
Hazardous Materials - General Provisions

Chapter 50 Hazardous Materials - General Provisions is adopted in its entirety with the following amendments.

Section 5001.5.2 Hazardous Materials Inventory Statement (HMIS), is hereby revised as follows:

5001.5.2 Hazardous Materials Inventory Statement (HMIS).

Where required by the fire code official, an application for a permit shall include ~~an HMIS, such as the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Tier II Report or other approved statement.~~ Orange County Fire Authority's Chemical Classification Packet, which shall be completed and approved prior to approval of plans, and/or the storage, use or handling of chemicals on the premises. The HMIS Chemical Classification Packet shall include the following information:

1. Product Name.
2. Component.
3. Chemical Abstract Service (CAS) number.
4. Location where stored or used.
5. Container size.
6. Hazard classification.
7. Amount in storage.
8. Amount in use-closed systems.
9. Amount in use-open systems.

Section 5003.1.1.1 Extremely Hazardous Substances is hereby added as follows:

5003.1.1.1 Extremely Hazardous Substances. No person shall use or store any amount of extremely hazardous substances (EHS) in excess of the disclosable amounts (see Health and Safety Code Section 25500 et al) in a residential zoned or any residentially developed property.

Chapter 51
Aerosols

Chapter 51 Aerosols is adopted in its entirety without amendments.

Chapter 53
Compressed Gases

Chapter 53 Compressed Gases is adopted in its entirety without amendments.

**Chapter 54
Corrosive Materials**

Chapter 54 Corrosive materials is adopted in its entirety without amendments.

**Chapter 55
Cryogenic Fluids**

Chapter 55 Cryogenic Fluids is adopted in its entirety without amendments.

**Chapter 56
Explosives and Fireworks**

Chapter 56 Explosives and Fireworks is adopted in its entirety with the following amendments:

Section 5608.2 Firing is hereby added as follows:

5608.2 Firing. All fireworks displays, regardless of mortar, device, or shell size, shall be electrically fired.

Section 5608.3 Application for Permit is hereby added as follows:

Section 5608.3 Application for Permit. A diagram of the grounds on which the display is to be held showing the point at which the fireworks are to be discharged, the fallout area based on 100 feet per inch of shell size, the location of all buildings, roads, and other means of transportation, the lines behind which the audience will be restrained, the location of all nearby trees, telegraph or telephone line, or other overhead obstructions shall be provided to OCFA.

**Chapter 57
Flammable and Combustible Liquids**

Chapter 57 Flammable and Combustible Liquids is adopted in its entirety without amendments.

**Chapter 58
Flammable Gases and Flammable Cryogenic Fluids**

Chapter 58 Flammable Gases and Flammable Cryogenic Fluids is adopted in its entirety without amendments.

**Chapter 59
Flammable Solids**

Chapter 59 Flammable Solids is adopted in its entirety without amendments.

**Chapter 60
Highly Toxic and Toxic Materials**

Chapter 60 Highly Toxic and Toxic Materials is adopted in its entirety without amendments.

**Chapter 61
Liquefied Petroleum Gases**

Chapter 61 Liquefied Petroleum Gases is adopted in its entirety without amendments.

**Chapter 62
Organic Peroxides**

Chapter 62 Organic Peroxides is adopted in its entirety without amendments.

**Chapter 63
Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids**

Chapter 63 Oxidizers, Oxidizing Gases, and Oxidizing Cryogenic Fluids is adopted in its entirety without amendments.

**Chapter 64
Pyrophoric Materials**

Chapter 64 Pyrophoric Materials is adopted in its entirety without amendments.

**Chapter 65
Pyroxylin (Cellulose Nitrate) Plastics**

Chapter 65 Pyroxylin (Cellulose Nitrate) Plastics is adopted in its entirety without amendments.

Chapter 66
Unstable (Reactive) Materials

Chapter 66 Unstable (Reactive) Materials is adopted in its entirety without amendments.

Chapter 67
Water-Reactive Solids and Liquids

Chapter 67 Water-Reactive Solids and Liquids is adopted in its entirety without amendments.

Chapter 80
Referenced Standards

Chapter 80 Referenced Standards is adopted in its entirety with the following amendments:

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

- (1) Quick-response type as defined in 3.6.4.8
- (2) Residential sprinklers in accordance with the requirements of 8.4.5
- (3) Quick response CMSA sprinklers
- (4) ESFR sprinklers
- (5) Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
- (6) Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 1) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 2) Use a maximum of 40 psi, if available;
- 3) Utilize the OCFAs water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service. ~~one of the following methods:~~

- ~~(1) Central station, proprietary, or remote station alarm service.~~
- ~~(2) Local alarm service that causes the sounding of an audible signal at a constantly attended location.~~
- ~~(3) Valves that are locked open.~~

NFPA 14, 2013 Edition, Installation of Standpipe and Hose Systems is hereby amended as follows:

Section 7.3.1.1 is hereby is deleted in its entirety and replaced as follows:

~~**7.3.1.1** Hose connections and hose stations shall be unobstructed and shall be located not less than 3 ft (0.9 m) or more than 5 ft (1.5 m) above the floor.~~

7.3.1.1 Class I and III Standpipe hose connections shall be unobstructed and shall be located not less than 18 inches or more than 24 inches above the finished floor. Class II Standpipe hose connections shall be unobstructed and shall be located not less than 3 feet or more than 5 feet above the finished floor.

NFPA 24, 2016 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:

Section 6.2.8.1 is hereby added as follows:

6.2.8.1 All indicating valves controlling fire suppression water supplies shall be painted OSHA red.

Exceptions:

1. Brass or bronze valves on sprinkler risers mounted to the exterior of the building may be left unpainted.
2. Where OS&Y valves on the detector check assembly are the only control valves, at least one OS&Y valve shall be painted red.

Section 6.2.9 is hereby amended as follows:

All connections to private fire service mains for fire protection systems shall be arranged in accordance with one of the following so that they can be isolated:

- (1) A post indicator valve installed not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a post indicator valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the post indicator valve.
- (2) A wall post indicator valve
- (3) An indicating valve in a pit, installed in accordance with Section 6.4
- (4) A backflow preventer with at least one indicating valve not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a backflow preventer with at least one indicating valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the backflow preventer.
- ~~(5) A nonindicating valve, such as an underground gate valve with an approved roadway box, complete with T-wrench, located not less than 40 ft (12 m) from the building~~
 - ~~(a) For buildings less than 40 ft (12 m) in height, a nonindicating valve, such as an underground gate valve with an approved roadway box, complete with T wrench, shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the non-indicating valve.~~
- (65) Control valves installed in a fire-rated room accessible from the exterior
- (76) Control valves in a fire-rated stair enclosure accessible from the exterior

Section 10.1.5 is hereby added as follows:

10.1.5 All ferrous pipe and joints shall be polyethylene encased per AWWA C150, Method A, B, or C. All fittings shall be protected with a loose 8-mil polyethylene tube or sheet. The ends of the tube or sheet shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

Exception: 304 or 316 Stainless Steel pipe and fittings

Section 10.4.1.1 is hereby revised as follows:

10.4.1.1 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

Exception: Bolted joint accessories made from 304 or 316 stainless steel.

Section 10.4.1.1.1 is hereby added as follows:

10.4.1.1.1 All bolts used in pipe-joint assembly shall be 316 stainless steel.

Section 10.4.3.2 is hereby deleted and replaced as follows:

10.4.3.2 Where approved, private fire service mains supplying systems within the building shall be permitted to extend more than 10 ft. under the building when all of the requirements of 10.4.3.2.1 through 10.4.3.2.4 are met. Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.4.3.2.1 through 10.4.3.2.4.

Appendices

Appendix A is deleted in its entirety without amendments.

Appendix B is adopted in its entirety without amendments.

Appendix BB is adopted in its entirety without amendments.

Appendix C is adopted in its entirety without amendments.
Appendix CC is adopted in its entirety without amendments.
Appendix D is deleted in its entirety without amendments.
Appendix E is deleted in its entirety without amendments.
Appendix F is deleted in its entirety without amendments.
Appendix G is deleted in its entirety without amendments.
Appendix H is adopted in its entirety without amendments.
Appendix I is deleted in its entirety without amendments.
Appendix J is deleted in its entirety without amendments.
Appendix K is deleted in its entirety without amendments.
Appendix L is deleted in its entirety without amendments.
Appendix M is deleted in its entirety without amendments.
Appendix N is deleted in its entirety without amendments.

"Section 18.04.060 - Enforcement and Inspections.

"The Placentia Fire Code, as set forth in this Chapter 18.04 shall be enforced by the Director of Fire Services of the Orange County Fire Authority, or his or her designee. The Director of Fire Services, or his or her designee, may detail such members of the Fire Authority as shall be deemed necessary from time to time.

"Section 18.04.070 - Fees.

"Notwithstanding any provision of the Placentia Fire Code as hereby adopted, all fees for services provided pursuant to the Placentia Fire Code shall approved by resolution therefor as adopted by the City Council of the City of Placentia or the Orange County Fire Authority Board of Directors, as the case may be, pursuant to the provisions of California Government Code § 66016, *et seq.* In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or

engaging in any work without the permit therefor as required hereunder shall pay a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 18.04.080 - Copy filed.

"One (1) copy of the California Fire Code, 2013 Edition, based on the 2012 International Fire Code as published by the International Code Council, including all appendices thereto and including all amendments made herein is on file in the office of the Building Official and the Orange County Fire Authority pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

SECTION 6. A new Chapter 20.04 hereby is added to Title 20 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 20.04

"California Building Code, 2016 Edition

"Sections:

| | |
|------------|-----------------------------|
| "20.04.010 | Title |
| "20.04.020 | Purpose |
| "20.04.030 | Adoption of Building Code |
| "20.04.040 | Definition of Terms |
| "20.04.050 | Amendments to Building Code |
| "20.04.060 | Enforcement and Inspections |
| "20.04.070 | Fees |
| "18.04.080 | Copy filed |

"Section 20.04.010 - Title.

"This Chapter shall be known as the 'Placentia Building Code.'

"Section 20.04.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for erecting, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, equipment use, height, and area of buildings and structures and conditions

hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Section 20.04.030 - Adoption of Building Code.

"There hereby is adopted as the 'Placentia Building Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Building Code, 2016 Edition, as set forth in Title 24, Part 2 of the California Code of Regulations, based on the 2012 International Building Code as published by the International Code Council, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Building Code of the City of Placentia, governing the erection, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, equipment use, height, and area of buildings and structures and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Building Code, said State regulations shall prevail over the provisions of the Placentia Building Code except as specifically modified herein.

"Section 20.04.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Building Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Building department' means the 'building and safety division' of the City.

"(B) 'Building official' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(C) 'City' means the City of Placentia.

"(D) 'Fire Code' means the Placentia Fire Code. 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

"(E) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her

designee.

"(F) 'Local enforcing agency' means the City.

"Section 20.04.050 - Amendments to Building Code.

"The following provisions of the California Building Code hereby are amended to read, in words and figures, as follows:

"Section 110.A. Right of Entry.

"1. The building official shall have the authority to enter any building or premises for the purpose making an inspection to enforce the provisions of this code, or to investigate the existence in any building or upon any premises any conditions or violations(s) of this code, which make the building or premises unsafe, dangerous or hazardous in order to protect the public health, safety and welfare of the City. In addition, the building official is authorized to enter any building or premises in order to inspect the same for purposes of issuing any permit issued or required hereunder.

"2. Except in emergency situations, the building official shall not enter any building or premises without the consent of the owner or occupant thereof, unless he or she possesses a search warrant authorizing entry and search of said building or premises. No person shall hinder or prevent the building official while in the performance of the duties herein described as emergency situations or while in possession of a search warrant, from entering upon and into any and all premises under his or her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of this code and all other applicable laws or ordinances pertaining to the protection of persons or property are observed therein.

"Section 202. Emergency Helicopter Landing Facility hereby is added to the California Building Code to read, in words and figures, as follows:

"Emergency Helicopter Landing Facilities shall be defined as set forth in § 202 of the Placentia Fire Code.

"High-Rise building shall be defined as set forth in § 202 of the Placentia Fire Code.

"Section 412.2. Definitions hereby is amended to read, in

words and figures, as follows:

"Additional definitions relative to helicopter flight paths, landing facilities, safety and takeoff and landing areas shall be as set forth in § 1102.1 of the Placentia Fire Code.

"A new § 412.7. Emergency Helicopter Landing Facility hereby is added to the California Building Code to read, in words and figures, as follows:

"Emergency Helicopter Landing Facilities shall be governed by the provisions of §§ 2008 - 2008.1.11 of the Placentia Fire Code.

"Section 701A.3 of the California Building Code hereby is amended to read, in words and figures, as follows:

"701A.3. Application. New buildings located in any Fire Hazard Severity Zone, Special Fire Protection Area, or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date, and additions to and remodel of buildings constructed before 2012 located in areas currently designated as such, shall comply with the provisions of this chapter. The provisions shall also apply to additions, remodels, and accessory structures located within 100 feet of a fuel modification zone, vegetation management area, or similar area containing hazardous combustible vegetation, regardless of whether the property is currently located in a designated Fire Hazard Severity Zone, Special Fire Protection Area or Wildland-Urban Interface Fire Area, when materials and/or construction methods for exterior wildfire exposure were previously required at the property by the Building or Fire Code Official.

"A new § 701A.3.2 hereby is added to the California Building Code to read, in words and figures, as follows:

"Section 710A.3.2. Detached accessory structures within 50 feet of an applicable building shall comply with the requirements of this section.

"A new § 710A.4 hereby is added to the California Building Code to read, in words and figures, as follows:

"710A.4 Requirements. Accessory structures shall be constructed of non-combustible or ignition-resistant materials.

"Section 903.2 of the California Building Code hereby is amended to read, in words and figures, as follows:

"903.2 Sprinkler systems. Approved automatic sprinkler systems in buildings and structures shall be provided in accordance with the provisions of § 903.2 of the Placentia Fire Code.

"Section 903.2.8 Group R of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 903.2.8. Approved automatic sprinkler systems in buildings and structures shall be provided in accordance with the provisions of § 903.2.8 of the Placentia Fire Code.

"Section 903.4 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 903.4. Sprinkler System Supervision and Alarms shall be governed by the provisions of § 903.4 of the Placentia Fire Code.

"A new § 903.5.3 hereby is added to the California Building Code to read, in words and figures, as follows:

"Section 903.5.3. Hydraulically calculated systems shall be governed by the provisions of § 903.5.3 of the Placentia Fire Code.

"Section 905.4 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Location of Class I Standpipe Hose Connections shall be governed by the provisions of § 905.4 of the Placentia Fire Code.

"Section 907.2.13 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 907.2.13. High-rise Buildings shall be governed by the provisions of § 907.2.13 of the Placentia Fire Code.

"Section 907.3.1 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 907.3.1. Duct Smoke Detectors shall be governed by the provisions of § 907.3.1 of the Placentia Fire Code.

"Section 907.5.2.2 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 907.5.2.2. Emergency Voice/Alarm Communication System shall be governed by the provisions of § 907.5.2.2 of the Placentia Fire Code.

"Section 907.6.3.2 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 907.6.3.2. High-rise Buildings shall be governed by the provisions of § 907.6.3.2 of the Placentia Fire Code.

"Section 907.6.5 Monitoring of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 907.6.5. Monitoring. High-rise Buildings shall be governed by the provisions of § 907.6.5 of the Placentia Fire Code.

"Table 1505.1 of the California Building Code hereby is amended to read, in words and figures, as follows:

"TABLE 1505.1^a
 "MINIMUM ROOF COVERING CLASSIFICATIONS
 "TYPES OF CONSTRUCTION

| | | | | | | | | | |
|---|---|----|----|-----|-----|---|---|---|---|
| | I | I | I | I | I | I | I | V | V |
| A | B | IA | IB | IIA | IIB | V | A | B | B |
| | B | B | B | B | B | B | B | B | B |

"For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m².

"a. Unless otherwise required in accordance with Chapter 7A.

"Section 1505.1.3 of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 1505.1.3. Roof coverings within all other areas. The entire roof covering of every existing structure where more than 50 percent of the total roof area is replaced within any one-year period, the entire roof covering of every new structure, and any roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

"Section 1505.5 of the California Building Code hereby is deleted in its entirety.

"Section 1505.7 of the California Building Code hereby is deleted in its entirety.

"Section 6.8.3 of Chapter 35 of the California Building Code relating to Referenced Standards hereby is amended to read, in words and figures, as follows:

"Section 6.8.3 shall be governed by the provisions of § 6.8.3 of the Placentia Fire Code.

"Section 8.3.3.1 of Chapter 35 of the California Building Code relating to Referenced Standards hereby is amended to read, in words and figures, as follows:

"Section 8.3.3.1 shall be governed by the provisions of § 8.3.3.1 of the Placentia Fire Code.

"Section 8.17.1.1.1 of Chapter 35 of the California Building Code relating to Referenced Standards hereby is amended to read, in words and figures, as follows:

"Section 8.17.1.1.1 shall be governed by the provisions of § 8.17.1.1.1 of the Placentia Fire Code.

"A new § 11.1.1.2 hereby is added to Chapter 35 of the California Building Code relating to Sprinkler Systems to read, in words and figures, as follows:

"Section 11.1.1.2 shall be governed by the provisions of § 11.1.1.2 of the Placentia Fire Code.

"A new § 23.2.1.1 of the California Building Code relating to Sprinkler Systems hereby is amended to read, in words and figures, as follows:

"Section 23.2.1.1 shall be governed by the provisions of § 23.2.1.1 of the Placentia Fire Code.

"Section 6.16.1 of NFPA 13R, Installation of Sprinkler System in Residential Occupancies up to and Including Four Stories in Height, of the California Building Code hereby is

amended to read, in words and figures, as follows:

"Section 6.16.1 shall be governed by the provisions of § 6.16.1 of the Placentia Fire Code.

"A new § 4.1.3 hereby is added to NFPA 13D, Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes, of the California Building Code to read, in words and figures, as follows:

"Section 4.1.3 shall be governed by the provisions of § 4.1.5 of the Placentia Fire Code.

"Section 7.1.2 of NFPA 13D, Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 7.1.2 shall be governed by the provisions of § 7.1.2 of the Placentia Fire Code.

"Section 7.6, Alarms, of NFPA 13D, Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 7.6 shall be governed by the provisions of § 7.6 of the Placentia Fire Code.

"Section 6.4.5.4.1 of NFPA 14, 2007 Edition, Installation of Standpipe and Hose Systems, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 7.3.1.1, Hose Connection Height, of NFPA 14, 2007 Edition, Installation of Standpipe and Hose Systems, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 7.3.1.1 shall be governed by the provisions of § 7.3.1.1 of the Placentia Fire Code.

"Section 6.2.11 (5) of NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code hereby is deleted, in its entirety.

"A new § 6.3.3 hereby is added to NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their

Appurtenances, of the California Building Code to read, in words and figures, as follows:

"Section 6.3.3 shall be governed by the provisions of § 6.3.3 of the Placentia Fire Code.

"A new § 10.1.6.3 hereby is added to NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code to read, in words and figures, as follows:

"Section 10.1.6.3 shall be governed by the provisions of § 10.1.6.3 of the Placentia Fire Code.

"Section 10.3.5.2 of NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 10.3.5.2 shall be governed by the provisions of § 10.3.5.2 of the Placentia Fire Code.

"Section 10.3.5.3 of NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 10.3.5.3 shall be governed by the provisions of § 10.3.5.2 of the Placentia Fire Code.

"Section 10.6.3.1 of NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 10.6.3.1 shall be governed by the provisions of § 10.6.3.1 of the Placentia Fire Code.

"Section 10.6.5 of NFPA 24, 2010 Edition, Installation of Private Fire Service Mains and Their Appurtenances, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 10.6.5 shall be governed by the provisions of § 10.6.5 of the Placentia Fire Code.

"Section 26.2.3.1, Fire Alarm Control Units, of NFPA 72, 2010 Edition National Fire Alarm Code, of the California Building Code hereby is amended to read, in words and figures, as follows:

"Section 20.04.060 - Enforcement and Inspections.

"The Placentia Building Code, as set forth in this Chapter 20.04 shall be enforced by the building official or his or her designee.

"Section 20.04.070 - Fees.

"Notwithstanding any provision of the Placentia Building Code as hereby adopted, all fees for services provided pursuant to the Placentia Building Code shall approved by resolution therefor as adopted by the City Council of the City of Placentia pursuant to the provisions of California Government Code § 66016, et seq. In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or engaging in any work without the permit therefor as required hereunder shall pay, a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 20.04.080 - Copy filed.

"One (1) copy of the California Building Code, 2016 Edition, based on the 2012 International Building Code as published by the International Code Council, including all appendices thereto and including all amendments made herein is on file in the office of the Building Official pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

SECTION 7. A new Chapter 20.08 hereby is added to Title 20 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 20.08

"California Residential Code, 2016 Edition

"Sections:

| | |
|------------|---|
| "20.08.010 | Title |
| "20.08.020 | Purpose |
| "20.08.030 | Adoption of Residential Code |
| "20.08.040 | Definition of Terms |
| "20.08.050 | Amendments to Residential Code |
| "20.08.060 | Enforcement and Inspections |
| "20.08.070 | Fees |
| "20.08.080 | Copy filed |

"Section 20.08.010 - Title.

"This Chapter shall be known as the 'Placentia Residential Code.'

"Section 20.08.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for erecting, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, equipment use, height, and area of buildings and structures and conditions hazardous to life or property in the occupancy of residential buildings and premises as herein provided.

"Section 20.08.030 - Adoption of Residential Code.

"There hereby is adopted as the 'Placentia Residential Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Residential Code, 2016 Edition, as set forth in Title 24, Part 2.5 of the California Code of Regulations, based on the 2012 International Residential Code as published by the International Code Council, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Building Code of the City of Placentia, governing the erection, construction, enlargement, alteration, repair, improving, removal, conversion, demolition, occupancy, equipment use, height, and area of buildings and structures and conditions hazardous to life or property in the occupancy of residential buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Residential Code, said State regulations shall prevail over the provisions of the Placentia Residential Code except as specifically modified herein.

"Section 20.08.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Residential Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Building department' means the 'building and safety division' of the City.

"(B) 'Building official' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(C) 'City' means the City of Placentia.

"(D) 'Fire Code' means the Placentia Fire Code. "

"(E) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

"(F) 'Jurisdiction' means the City.

"(G) 'Local enforcing agency' means the City.

"Section 20.08.050 - Amendments to Residential Code.

"The following provisions of the California Residential Code hereby are amended to read, in words and figures, as follows:

Chapter 2

Definitions

Chapter 2 Definitions is adopted in its entirety with the following amendment:

Section 202 Definitions is hereby revised by adding "OCFA" and

"Spark Arrester" as follows:

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

3. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
4. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

Chapter 3

Building Planning

Chapter 3 Building Planning is adopted in its entirety with the following amendments and additions:

Section R301.9 Fuel Modification Requirements for New Construction is hereby added as follows:

R301.9 Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05 "Vegetation Management Guideline - Technical Design for new Construction Fuel Modification Plans and Maintenance Program."

Section R309.6 Fire sprinkler attached garages, and carports with habitable space above is hereby amended by modifying the exception as follows:

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing carports and/or garages that do not have an automatic residential fire sprinkler system installed in accordance with this section unless a sprinkler system is required in accordance with California Fire Code Section 903.2.8.

Section R313.1 Townhouse automatic fire sprinkler systems is hereby amended by modifying the exception as follows:

Exception: An automatic residential fire sprinkler system shall not be required when additions or alterations are made to existing townhouses that do not have an automatic residential fire sprinkler system installed unless a sprinkler system is required in accordance with California Fire Code Section 903.2.8.

Section R313.2 One- and two-family dwellings automatic fire sprinkler systems is hereby amended by modifying the exception as follows:

Exception: An automatic residential fire sprinkler system shall not be required for additions or alterations to existing buildings that are not already provided with an automatic residential sprinkler system unless a sprinkler system is required in accordance with California Fire Code Section 903.2.8.

Section R313.3.6.2.2 Calculation procedure is hereby revised as follows:

Section R313.3.6.2.2 Calculation procedure. Determination of the required size for water distribution piping shall be in accordance with the following procedure and California Fire Code Section 903.3.5.3.

(The remainder of the section is unchanged)

Section R319.1 Address identification is hereby revised as follows:

R319 Site Address. New and existing buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches in height with a stroke width of not less than 0.5 inch. Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Where access

is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

Section R337.1.3 Application is hereby revised as follows:

R337.1.3 Application. New buildings located in any Fire Hazard Severity Zone or any Wildland-Urban Interface Fire Area designated by the enforcing agency constructed after the application date, and additions to and remodel of buildings constructed before 2012 located in areas currently designated as such, shall comply with the provisions of this chapter. The provisions shall also apply to additions, remodels, and accessory structures located within 100 feet of a fuel modification zone, vegetation management area, or similar area containing hazardous combustible vegetation, regardless of whether the property is currently located in a designated Fire Hazard Severity Zone or Wildland-Urban Interface Area, when materials and/or construction methods for exterior wildfire exposure were previously required at the property by the Building or Fire Code Official.

Exceptions:

1. Buildings of an accessory character classified as a Group U occupancy and not exceeding 120 square feet in floor area, when located at least 30 feet from an applicable building.
2. Buildings of an accessory character classified as a Group U occupancy of any size located at least 50 feet from an applicable building.
3. Buildings classified as a Group U Agricultural Building, as defined in Section 202 of this code (see also Appendix C - Group U Agricultural Buildings), when located at least 50 feet from an applicable building.
- ~~4. Additions to and remodels of buildings originally constructed prior to the applicable application date.~~

Section R337.1.6 Fuel Modification Requirements for New Construction is hereby added as follows:

R337.1.6 Fuel Modification Requirements for New Construction. All new buildings to be built or installed in a Wildfire Risk Area shall comply with the following:

6. Preliminary fuel modification plans shall be submitted to and approved by the fire code official prior to or concurrently with the approval of any tentative map.
7. Final fuel modification plans shall be submitted to and approved by the fire code official prior to the issuance of a grading permit.
8. The fuel modification plans shall meet the criteria set forth in the Fuel Modification Section of OCFA Guideline C-05 "Vegetation Management Guideline - Technical Design for New Construction Fuel Modification Plans and Maintenance Program."
 - 3.1. The fuel modification plan shall include provisions for the maintenance of the fuel modification in perpetuity.
9. The fuel modification plan may be altered if conditions change. Any alterations to the fuel modification areas shall have prior approval from the fire code official.
10. All elements of the fuel modification plan shall be maintained in accordance with the approved plan and are subject to the enforcement process outlined in the Fire Code.

Chapter 10

Chimneys and Fireplaces

Chapter 10 Chimneys and Fireplaces is adopted in its entirety with the following amendments:

Section R1001.13 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices is hereby added as follows:

R1001.14 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for cooking

Section R1001.13.1 Gas-fueled devices is hereby added as

follows:

R1001.13.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction shall not be located within three feet of an atmospheric column that extends vertically from the perimeter of the device. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester in accordance with Section R1003.9.2.

Section R1001.13.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

R1001.13.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas. Fireplaces burning wood or other solid fuel shall be constructed in accordance with Section R1001. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks. The burning of wood or other solid fuel in a device is not allowed within 15 feet of combustible structures, unless within a permanent or portable fireplace.

Section R1001.13.3 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

R1001.13.3 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone. Wood and other solid fuel burning fires in devices other than permanent fireplaces are not allowed within Wildfire Risk Areas (WRA) and adopted Fire Hazard Severity Zones (FHSZ) or in locations where conditions could cause the spread of fire to the WRA or FHSZ, unless determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

Chapter 44
Referenced Standards

Chapter 44 Referenced Standards is adopted in its entirety with the following amendments:

NFPA 13, 2016 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 6.7.3 is hereby revised as follows:

6.7.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 8.3.3.1 is hereby revised as follows:

8.3.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

- (7) Quick-response type as defined in 3.6.4.8
- (8) Residential sprinklers in accordance with the requirements of 8.4.5
- (9) Quick response CMSA sprinklers
- (10) ESFR sprinklers
- (11) Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers

- (12) Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 11.1.1.1 is hereby added as follows:

11.1.1.1 When fire sprinkler systems are required in buildings of undetermined use other than warehouses, they shall be designed and installed to have a fire sprinkler density of not less than that required for an Ordinary Hazard Group 2 use, with no reduction(s) in density or design area. Warehouse fire sprinkler systems shall be designed to Figure 16.2.1.3.2 (d) curve "G". Use is considered undetermined if a specific tenant/occupant is not identified at the time the sprinkler plan is submitted. Where a subsequent use or occupancy requires a system with greater capability, it shall be the responsibility of the occupant to upgrade the system to the required density for the new use or occupancy.

Section 11.2.3.1.1.1 is hereby added as follows:

11.2.3.1.1.1 The available water supply for fire sprinkler system design shall be determined by one of the following methods, as approved by the fire code official:

- 4) Subtract the project site elevation from the low water level for the appropriate pressure zone and multiply the result by 0.433;
- 5) Use a maximum of 40 psi, if available;
- 6) Utilize the OCFA water-flow test form/directions to document a flow test conducted by the local water agency or an approved third party licensed in the State of California.

NFPA 13D 2016 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service. ~~one of the following methods:~~

- ~~(1) Central station, proprietary, or remote station alarm service.~~
- ~~(2) Local alarm service that causes the sounding of an audible signal at a constantly attended location.~~
- ~~(3) Valves that are locked open.~~

Appendix O

Vehicular Gates

Appendix O Vehicular Gates is adopted with only the section indicated below:

SECTION AO103.3 Vehicular gates or other barriers across required fire apparatus access roads is added as follows:

AO103.3 Vehicular gates or other barriers across required fire apparatus access roads. The installation of gates or other barriers across a required fire apparatus access road shall be approved by the fire code official. Gates or barriers shall be in accordance with Orange County Fire Authority Guideline B-09 "Fire Master Plans for Commercial and Residential Development".

"Chapter 20.12

"California Plumbing Code, 2016 Edition

"Sections:

| | |
|------------|-----------------------------|
| "20.12.010 | Title |
| "20.12.020 | Purpose |
| "20.12.030 | Adoption of Plumbing Code |
| "20.12.040 | Definition of Terms |
| "20.12.050 | Amendments to Plumbing Code |
| "20.12.060 | Enforcement and Inspections |
| "20.12.070 | Fees |
| "18.12.080 | Copy filed |

"Section 20.12.010 - Title.

"This Chapter shall be known as the 'Placentia Plumbing Code.'

"Section 20.12.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, plumbing systems, materials

and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Section 18.12.030 - Adoption of Plumbing Code.

"There hereby is adopted as the 'Placentia Plumbing Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Plumbing Code, 2016 Edition, as set forth in Title 24, Part 5 of the California Code of Regulations, based on the 2012 Uniform Plumbing Code, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Plumbing Code of the City of Placentia, governing the construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, plumbing systems, materials and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Plumbing Code, said State regulations shall prevail over the provisions of the Placentia Plumbing Code except as specifically modified herein.

"Section 20.12.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Plumbing Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Authority having jurisdiction' means the City of Placentia.

"(B) 'Building department' means the 'building and safety division' of the City.

"(C) 'Building official' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(D) 'City' means the City of Placentia.

"(E) 'Fire Code' means the Placentia Fire Code.

"(F) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her

designee.

"(G) 'Jurisdiction' means the City.

"(H) 'Local enforcing agency' means the City.

"Section 20.12.050 - Amendments to Plumbing Code.

"The following provisions of the California Plumbing Code hereby are amended to read, in words and figures, as follows:

"Section 110.A. Right of Entry.

"1. The building official shall have the authority to enter any building or premises for the purpose making an inspection to enforce the provisions of this code, or to investigate the existence in any building or upon any premises any conditions or violations(s) of this code, which make the building or premises unsafe, dangerous or hazardous in order to protect the public health, safety and welfare of the City. In addition, the building official is authorized to enter any building or premises in order to inspect the same for purposes of issuing any permit issued or required hereunder.

"2. Except in emergency situations, the building official shall not enter any building or premises without the consent of the owner or occupant thereof, unless he or she possesses a search warrant authorizing entry and search of said building or premises. No person shall hinder or prevent the building official while in the performance of the duties herein described as emergency situations or while in possession of a search warrant, from entering upon and into any and all premises under his or her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of this code and all other applicable laws or ordinances pertaining to the protection of persons or property are observed therein.

"Section 20.12.060 - Enforcement and Inspections.

"The Placentia Plumbing Code, as set forth in this Chapter 20.12 shall be enforced by the building official or his or her designee.

"Section 20.12.070 - Fees.

"Notwithstanding any provision of the Placentia Residential

Code as hereby adopted, all fees for services provided pursuant to the Placentia Residential Code shall approved by resolution therefor as adopted by the City Council of the City of Placentia pursuant to the provisions of California Government Code § 66016, et seq. In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or engaging in any work without the permit therefor as required hereunder shall pay, a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 20.12.080 - Copy filed.

"One (1) copy of the California Plumbing Code, 2016 Edition, based on the 2012 Uniform Plumbing Code, including all appendices thereto and including all amendments made herein is on file in the office of the Building Official pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

Section 7. A new Chapter 20.16 hereby is added to Title 20 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 20.16

"California Electrical Code, 2016 Edition

"Sections:

| | |
|------------|--------------------------------------|
| "20.16.010 | Title |
| "20.16.020 | Purpose |
| "20.16.030 | Adoption of Electrical Code |
| "20.16.040 | Definition of Terms |
| "20.16.050 | Amendments to Electrical Code |
| "20.16.060 | Enforcement and Inspections |
| "20.16.070 | Fees |
| "20.16.080 | Copy filed |

"Section 20.16.010 - Title.

"This Chapter shall be known as the 'Placentia Electrical Code.'

"Section 20.16.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, electrical systems, materials and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Section 20.16.030 - Adoption of Electrical Code.

"There hereby is adopted as the 'Placentia Electrical Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Electrical Code, 2016 Edition, as set forth in Title 24, Part 3 of the California Code of Regulations, based on the 2011 National Electrical Code, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Electrical Code of the City of Placentia, governing the construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, electrical systems, materials and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Electrical Code, said State regulations shall prevail over the provisions of the Placentia Electrical Code except as specifically modified herein.

"Section 20.16.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Electrical Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Authority having jurisdiction' means the City of Placentia.

"(B) 'Building department' means the 'building and safety division' of the City.

"(C) 'Chief Electrical Inspector' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(D) 'City' means the City of Placentia.

“(E) ‘Fire Code’ means the Placentia Fire Code.

“(F) ‘Fire code official’ means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

“(G) ‘Jurisdiction’ means the City.

“(H) ‘Local enforcing agency’ means the City.

“Section 20.16.050 - Amendments to Electrical Code.

“The following provisions of the California Electrical Code hereby are amended to read, in words and figures, as follows:

“Section 80.10. Right of Entry.

“A. The building official shall have the authority to enter any building or premises for the purpose making an inspection to enforce the provisions of this code, or to investigate the existence in any building or upon any premises any conditions or violations(s) of this code, which make the building or premises unsafe, dangerous or hazardous in order to protect the public health, safety and welfare of the City. In addition, the building official is authorized to enter any building or premises in order to inspect the same for purposes of issuing any permit issued or required hereunder.

“B. Except in emergency situations, the building official shall not enter any building or premises without the consent of the owner or occupant thereof, unless he or she possesses a search warrant authorizing entry and search of said building or premises. No person shall hinder or prevent the building official while in the performance of the duties herein described as emergency situations or while in possession of a search warrant, from entering upon and into any and all premises under his or her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of this code and all other applicable laws or ordinances pertaining to the protection of persons or property are observed therein.

“Section 20.12.060 - Enforcement and Inspections.

“The Placentia Electrical Code, as set forth in this Chapter 20.12 shall be enforced by the building official or his or her designee.

"Section 20.12.070 - Fees.

"Notwithstanding any provision of the Placentia Electrical Code as hereby adopted, all fees for services provided pursuant to the Placentia Electrical Code shall approved by resolution therefor as adopted by the City Council of the City of Placentia pursuant to the provisions of California Government Code § 66016, et seq. In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or engaging in any work without the permit therefor as required hereunder shall pay a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 20.12.080 - Copy filed.

"One (1) copy of the California Electrical Code, 2016 Edition, as set forth in Title 24, Part 3 of the California Code of Regulations, based on the 2011 National Electrical, including all appendices thereto and including all amendments made herein is on file in the office of the Building Official pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

Section 8. A new Chapter 20.20 hereby is added to Title 20 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 20.20

"California Mechanical Code, 2016 Edition

"Sections:

| | |
|------------|--------------------------------------|
| "20.20.010 | Title |
| "20.20.020 | Purpose |
| "20.20.030 | Adoption of Mechanical Code |
| "20.20.040 | Definition of Terms |
| "20.20.050 | Amendments to Mechanical Code |
| "20.20.060 | Enforcement and Inspections |
| "20.20.070 | Fees |
| "20.20.080 | Copy filed |

"Section 20.20.010 - Title.

"This Chapter shall be known as the 'Placentia Mechanical Code.'

"Section 20.20.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, mechanical systems, materials and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Section 20.20.030 - Adoption of Mechanical Code.

"There hereby is adopted as the 'Placentia Mechanical Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Mechanical Code, 2016 Edition, as set forth in Title 24, Part 4 of the California Code of Regulations, based on the 2012 Uniform Mechanical Code, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Mechanical Code of the City of Placentia, governing the construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, electrical systems, materials and appurtenances and conditions hazardous to life or property in the occupancy of buildings and premises as herein provided.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Mechanical Code, said State regulations shall prevail over the provisions of the Placentia Mechanical Code except as specifically modified herein.

"Section 20.20.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Mechanical Code, each such name or term shall be deemed and construed to have the meaning ascribed to it in this section as follows:

"(A) 'Authority having jurisdiction' means the City of Placentia.

"(B) 'Building department' means the 'building and safety division' of the City.

"(C) 'Mechanical inspector' means the chief building

official of the City as appointed by the City Administrator of the City, or his or her designee.

"(D) 'City' means the City of Placentia.

"(E) 'Fire Code' means the Placentia Fire Code.

"(F) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

"(G) 'Jurisdiction' means the City.

"(H) 'Local enforcing agency' means the City.

"Section 20.20.050 - Amendments to Mechanical Code.

"The following provisions of the California Mechanical Code hereby are amended to read, in words and figures, as follows:

"A new Section 1.8.3A. Right of Entry hereby is added to the California Mechanical Code to read, in words and figures, as follows:

"1. The building official shall have the authority to enter any building or premises for the purpose making an inspection to enforce the provisions of this code, or to investigate the existence in any building or upon any premises any conditions or violations(s) of this code, which make the building or premises unsafe, dangerous or hazardous in order to protect the public health, safety and welfare of the City. In addition, the building official is authorized to enter any building or premises in order to inspect the same for purposes of issuing any permit issued or required hereunder.

"2. Except in emergency situations, the building official shall not enter any building or premises without the consent of the owner or occupant thereof, unless he or she possesses a search warrant authorizing entry and search of said building or premises. No person shall hinder or prevent the building official while in the performance of the duties herein described as emergency situations or while in possession of a search warrant, from entering upon and into any and all premises under his or her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of this code and all other applicable laws or

ordinances pertaining to the protection of persons or property are observed therein.

"Section 20.20.060 - Enforcement and Inspections.

"The Placentia Mechanical Code, as set forth in this Chapter 20.20 shall be enforced by the building official or his or her designee.

"Section 20.20.070 - Fees.

"Notwithstanding any provision of the Placentia Mechanical Code as hereby adopted, all fees for services provided pursuant to the Placentia Mechanical Code shall approved by resolution therefor as adopted by the City Council of the City of Placentia pursuant to the provisions of California Government Code § 66016, et seq. In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or engaging in any work without the permit therefor as required hereunder shall pay a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 20.20.080 - Copy filed.

"One (1) copy of the California Mechanical Code, 2016 Edition, based on the 2012 Uniform Mechanical Code, including all appendices thereto and including all amendments made herein is on file in the office of the building official pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

Section 9. A new Chapter 20.56 hereby is added to Title 20 of the Placentia Municipal Code to read, in words and figures, as follows:

"Chapter 20.56

"California Green Building Standards Code, 2016 Edition

"Sections:

| | |
|-------------------|--|
| "20.56.010 | Title |
| "20.56.020 | Purpose |
| "20.56.030 | Adoption of Green Building Standards Code |
| "20.56.040 | Definition of Terms |

**"20.56.050 Amendments to Green Building
Standards Code**
"20.56.060 Enforcement and Inspections
"20.56.070 Fees
"20.56.080 Copy filed

"Section 20.56.010 - Title.

"This Chapter shall be known as the 'Placentia Green Building Standards Code.'

"Section 20.56.020 - Purpose.

"The purpose of this Chapter is to prescribe regulations for construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, building systems, materials and appurtenances in order to optimize use of renewable resources and minimize effects on the environment.

"Section 20.56.030 - Adoption of Green Building Standards Code.

"There hereby is adopted as the 'Placentia Green Building Standards Code,' except as otherwise provided in this Chapter, that certain Code known and designated as the California Green Building Standards Code, 2016 Edition, as set forth in Title 24, Part 11 of the California Code of Regulations, including all appendices thereto and including all amendments made herein, and such Code shall be and become the Green Building Standards Code of the City of Placentia, governing the construction, enlargement, alteration, repair, improving, removal, conversion, demolition, equipment use, electrical systems, materials and appurtenances in order to optimize use of renewable resources and minimize effects on the environment.

"Whenever the California Code of Regulations and State Building Standards Code of Regulations differ from any provision of the Placentia Green Building Standards Code, said State regulations shall prevail over the provisions of the Placentia Green Building Standards Code except as specifically modified herein.

"Section 20.56.040 - Definition of Terms.

"Whenever any of the following names or terms are used in the California Green Building Standards Code, each such name or term shall be deemed and construed to have the meaning ascribed

to it in this section as follows:

"(A) 'Authority having jurisdiction' means the City of Placentia.

"(B) 'Building department' means the 'building and safety division' of the City.

"(C) 'Building Official' means the chief building official of the City as appointed by the City Administrator of the City, or his or her designee.

"(D) 'City' means the City of Placentia.

"(E) 'Fire Code' means the Placentia Fire Code.

"(F) 'Fire code official' means the Director of Fire Services of the Orange County Fire Authority, or his or her designee.

"(G) 'Jurisdiction' means the City.

"(H) 'Local enforcing agency' means the City.

"Section 20.56.050 - Amendments to Green Building Standards Code.

"The following provisions of the California Green Building Standards Code hereby are amended to read, in words and figures, as follows:

"A new § 101A. Right of Entry hereby is added to the California Green Building Standards Code to read, in words and figures, as follows:

"1. The building official shall have the authority to enter any building or premises for the purpose making an inspection to enforce the provisions of this code, or to investigate the existence in any building or upon any premises any conditions or violations(s) of this code, which make the building or premises unsafe, dangerous or hazardous in order to protect the public health, safety and welfare of the City. In addition, the building official is authorized to enter any building or premises in order to inspect the same for purposes of issuing any permit issued or required hereunder.

"2. Except in emergency situations, the building official shall not enter any building or premises without the consent of the owner or occupant thereof, unless he or she possesses a

search warrant authorizing entry and search of said building or premises. No person shall hinder or prevent the building official while in the performance of the duties herein described as emergency situations or while in possession of a search warrant, from entering upon and into any and all premises under his or her jurisdiction, at all reasonable hours, for the purpose of inspecting the same to determine whether or not the provisions of this code and all other applicable laws or ordinances pertaining to the protection of persons or property are observed therein.

"Section 202 of the California Green Building Standards Code hereby is amended to read, in words and figures, as follows:

"Sustainability. Consideration of present development and construction impacts on the community, the economy, and the environment without compromising the needs of the future.

"Section 4.304.1 of the California Green Building Standards Code hereby is amended to read, in words and figures, as follows:

"Irrigation controllers. Automatic irrigation system controllers for landscaping provided and installed at the time of final inspection and shall comply with the following:

"1. Controllers shall be weather- or soil moisture-based irrigation controllers that automatically adjust irrigation in response to changes in plants' needs as weather conditions change.

"2. Weather-based controllers without integral rain sensors or communication systems that account for local rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the controller(s). Soil moisture-based controllers are not required to have rain sensor input.

"Section 20.56.060 - Enforcement and Inspections.

"The Placentia Green Building Standards Code, as set forth in this Chapter 20.56 shall be enforced by the building official or his or her designee.

"Section 20.56.070 - Fees.

"Notwithstanding any provision of the Placentia Green Building Standards Code as hereby adopted, all fees for services provided pursuant to the Placentia Green Building Standards Code shall be approved by resolution therefor as adopted by the City Council of the City of Placentia pursuant to the provisions of

California Government Code § 66016, et seq. In addition to any other fee(s) to be charged hereunder, any person, firm, partnership or corporation initiating or engaging in any work without the permit therefor as required hereunder shall pay a penalty equal to 100% of the fee for the requisite permit if issued after such work commences, is initiated or engaged in by such person, firm, partnership or corporation.

"Section 20.56.080 - Copy filed.

"One (1) copy of the California Green Building Standards Code, 2016 Edition, as set forth in Title 24, Part 11 of the California Code of Regulations, including all appendices thereto and including all amendments made herein is on file in the office of the building official pursuant to the requirements of California Health and Safety Code § 18942(e)(1) and is available for public inspection."

Section 10. Penalty for Violation.

It shall be unlawful for any person, firm, partnership or corporation to violate any provision or to fail to comply with any of the requirements of this Ordinance hereby adopted. Any person, firm, partnership or corporation violating any provision of this Ordinance or failing to comply with any of its requirements shall be deemed guilty of a misdemeanor and upon conviction thereof shall be punished by a fine not exceeding One Thousand Dollars (\$1,000.00), or by imprisonment not exceeding six (6) months, or by both such fine and imprisonment. Each and every person, firm, partnership, or corporation shall be deemed guilty of a separate offense for each and every day or any portion thereof during which any violation of any of the provisions of this Ordinance is committed, continued or permitted by such person, firm, partnership or corporation, and shall be deemed punishable therefor as provided in this Ordinance.

SECTION 8. Severability.

The City Council declares that, should any provision, section, paragraph, sentence or word of this Ordinance be rendered or declared invalid by any final court action in a court of competent jurisdiction, or by reason of any preemptive legislation, the remaining provisions, sections, paragraphs, sentences and words of this Ordinance shall remain in full force

and effect.

SECTION 9. The Mayor shall sign and the City Clerk shall certify to the passage and adoption of this Ordinance and shall cause the same, or the summary thereof, to be published and posted pursuant to the provisions of law and this Ordinance shall take effect January 1, 2017.

PASSED, ADOPTED and APPROVED this __ day of _____, 2016.

JEREMY B. YAMAGUCHI, MAYOR

ATTEST:

PATRICK J. MELIA,
CITY CLERK

I, PATRICK J. MELIA, City Clerk of the City of Placentia, do hereby certify that the foregoing Ordinance was introduced at a regular meeting of the City Council held on the 15th day of November, 2016 and was finally adopted at a regular meeting held on the ____ day of _____, 2016, by the following vote:

AYES: COUNCILMEMBERS:
NOES: COUNCILMEMBERS:
ABSENT: COUNCILMEMBERS:
ABSTAIN: COUNCILMEMBERS:

PATRICK J. MELIA,
CITY CLERK

APPROVED AS TO FORM

CHRISTIAN BETTENHAUSEN, CITY ATTORNEY

RESOLUTION NO. R-2016-XX

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACENTIA MAKING REQUIRED FINDINGS PERTAINING TO MODIFICATIONS TO THE UNIFORM FIRE AND CONSTRUCTION CODES ADOPTED BY ORDINANCE NO. 0-2016-07 BASED UPON LOCAL CLIMATIC, TOPOGRAPHIC AND GEOLOGIC CONDITIONS IN ACCORDANCE WITH THE REQUIREMENTS OF § 17958 OF THE CALIFORNIA HEALTH AND SAFETY CODE

A. RECITALS.

1. The State of California mandates all cities in the state impose the same requirements as are contained in the most recent edition(s) of the California Building Code, the California Fire Code, the California Green Building Standards Code, the California Residential Code, the California Plumbing Code, the California Mechanical Code, and the California Electrical Code ("Codes").

2. California Health and Safety Code § 17958.5(a) authorizes cities to make modifications or changes to the Codes which are reasonably necessary as a result of local climatic, geologic, or topographic conditions.

3. Prior to effecting any modifications or changes to the Codes, this City Council is required by the provisions of California Health and Safety Code § 17958.7 to make express findings that such changes or modifications are reasonably necessary due to local climatic, geologic, or topographic conditions.

4. The Development Services Department and the Orange County Fire Authority, through the City Administrator, have recommended changes and modifications be made to the Codes and has presented satisfactory evidence to this City Council that said changes and modifications to the Codes are reasonably necessary due to local conditions in the City and have further advised that the remainder of said changes and modifications are of an administrative or procedural nature, or are concerned with subjects not covered by the Codes or are reasonably necessary to safeguard life and property within the City.

5. The City Council desires to ensure that the changes and modifications to the Codes required for proper implementation of Ordinance No. 0-2016-07 are in effect concurrently with effective date of Ordinance No. 0-2016-07.

6. All legal prerequisites to the adoption of this Resolution have occurred.

B. RESOLUTION.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF PLACENTIA DOES HEREBY FIND, DETERMINE AND RESOLVE AS FOLLOWS:

1. In all respects as set forth in the Recitals, Part A., of this Resolution.

2. Pursuant to the provisions of California Health and Safety Code §§ 17958.5(a) and 17958.7, this City Council hereby finds and determines that the changes and modifications to the Codes as set forth in Ordinance No. 0-2016-07 are reasonably necessary due to local climatic, geologic, or topographic conditions within the City as follows:

a) Climatic Conditions

(1) Orange County is located in a semi-arid Mediterranean type climate. It annually experiences extended periods of high temperatures with little or no precipitation. Hot, dry (Santa Ana) winds, which may reach speeds of 70 M.P.H. or greater, are also common to the area. These climatic conditions cause extreme drying of vegetation and common building materials. Frequent periods of drought and low humidity add to the fire danger. This predisposes the area to large destructive fires (conflagration). In addition to directly damaging or destroying buildings, these fires are also prone to disrupt utility services throughout the County. Obstacles generated by a strong wind, such as fallen trees, street lights and utility poles will greatly impact the response time to reach an incident scene.

(2) The climate alternates between extended periods of drought and brief flooding conditions. Flood conditions may affect the Orange County fire Authority's ability to respond to a fire or emergency condition. Floods also disrupt utility services to buildings and facilities within the County.

(3) Water demand in this densely populated area far exceeds the quantity supplied by natural precipitation; and although the population continues to grow, the already-taxed water supply does not. California is projected to increase in population by nearly 10 million over the next quarter of a century with 50 percent of that growth centered in Southern California. Due to storage capacities and consumption, and a limited amount of rainfall future water allocation is not fully dependable. This necessitates the need for additional and on-site fire protection features.

(4) These dry climatic conditions and winds contribute to the rapid spread of even small fires originating in high-density housing or vegetation. These fires spread very quickly and create a need for increased levels of fire protection. The added protection of fire sprinkler systems and other fire protection features will supplement normal fire department response by providing immediate protection for the building occupants and by containing and controlling the fire spread to the area of origin. Fire sprinkler systems will also reduce the use of water for firefighting by as much as 50 to 75 percent.

b) Topographical conditions

(1) Natural; slopes of 15 percent or greater generally occur throughout the foothills of Orange County. The elevation change caused by the hills creates the geological foundation on which communities with Orange County is built and will continue to build. With much of the populated flatlands already built upon, future growth will occur on steeper slopes and with greater constraints in terrain.

(2) Traffic and circulation congestion is an artificially created, obstructive topographical condition, which is common throughout Orange County.

(3) These topographical conditions combine to create a situation that places fire department response time to fire occurrences at risk and makes it necessary to provide automatic on-site fire-extinguishing systems and other protection measures to protect occupants and property.

c) Geological Conditions

(1) The Orange County region is a densely populated area that has buildings constructed over and near a vast and complex network of faults that are believed to be capable of producing future earthquakes similar or greater in size than the 1994 Northridge and the 1971 Sylmar earthquakes. Earthquake faults run along the northeast and southwest boundaries of Orange County. The Newport-Inglewood Fault, located within Orange County was the source of the destructive 1933 Long Beach earthquake (6.3 magnitude) which took 120 lives and damaged buildings in an area from Laguna Beach to Marina Del Rey to Whittier. In December 1989, another earthquake occurred in the jurisdiction of Irvine at an unknown fault line. Regional planning for reoccurrence of earthquakes is recommended by the state of California, Department of Conservation.

(2) Previous earthquakes have been accompanied by disruption of traffic flow and fires. A severe seismic event has the potential to negatively impact any rescue or fire suppression activities because it is likely to create obstacles similar to those indicated under the high wind section above. The October 17, 1989, Santa Cruz earthquake resulted in one major fire in the Marina District (San Francisco). When combined with the 34 other fires locally and over 500 responses, the department was taxed to its fullest capabilities. The Marina fire was difficult to contain because mains supplying water to the district burst during the earthquake. This situation creates the need for both additional fire protection and automatic on-site fire protection for building occupants. State Department of Conservation noted in their 1988 report (Planning Scenario on a Major Earthquake on the Newport-Inglewood Fault Zone, page 59), "unfortunately, barely meeting the minimum earthquake standards of building codes places a building on the verge of being legally unsafe."

(3) Road circulation features located throughout the County also make amendments reasonably necessary. Located through the County are major roadways, highways and flood control channels that create barriers and slow response times. Hills, slopes, street and storm drain design, accompanied by occasional heavy rainfall, causes roadway flooding and landslides and at times may make an emergency access route impassable. There are areas in Orange County that naturally have extended emergency response times that exceed the 5 minute goal.

(4) Soils throughout the County possess corrosive properties that reduce the expected usable life of water services when metallic pipes are in contact with soils.

Due to the topographical conditions of sprawling development separated by waterways and narrow and congested streets and the expected infrastructure damage inherent in seismic zones described above, it is prudent to rely on automatic fire sprinkler systems to mitigate extended fire department response time and keep fires manageable with reduced fire flow (water) resources available for a given structure. Additional fire protection is also justified to match the current resources of firefighting equipment and personnel within the Orange County Fire Authority.

2016 California Fire Code Amendment Findings Legend

| CODE SECTION | TITLE (Clarification) | FINDINGS |
|---------------------|---|-----------------------------|
| 109.4 | Violation penalties | Administrative |
| 109.4.2 | Infraction & Misdemeanor | Administrative |
| 202 | General definitions | Administrative |
| 304.1.2 | OCFA Vegetation Management | I |
| 305.6 | Hazardous conditions | I & II |
| 305.7 | Disposal of rubbish | I & II |
| 307 | Fire Pits, Fire Rings, & Outdoor Fireplaces | Administrative |
| 307.6.1 | Gas-fueled devices | I & II |
| 307.6.2 | Devices using wood or fuels other than natural gas or LPG | I & II |
| 307.6.2.1 | Where prohibited | I & II |
| 309.2.1 | Indoor charging of electric cars | Administrative |
| 320 | Fuel modification requirements for new construction | I |
| 321 | Clearance of brush or vegetation growth from roadways | I |
| 322 | Unusual circumstances | Administrative |
| 323 | Use of equipment | I |
| 323.1 | Spark arresters | I |
| 324 | Sky Lanterns or similar devices | I & II |
| 407.5 | Hazardous material inventory statement | I & II |
| 501.1 | Scope | Administrative, I, II & III |
| 510.1 | Emergency responder radio coverage | Administrative |
| 510.4.2.2 | Technical Criteria | Administrative |
| 510.5.1 | Approval prior to installation | Administrative |
| 510.5.2 | Minimum qualification of personnel | Administrative |
| 510.5.3 | Acceptance test procedure | Administrative |
| 510.6.1 | Testing and proof of compliance | Administrative |
| 903.2 | Where required (Sprinklers) | I, II & III |
| 903.2.8 | Group R (Sprinklers) | I, II & III |
| 903.3.5.3 | Hydraulically calculated systems | I & II |
| 2801.2 | Permit | Administrative |
| 2808.2 | Storage site | Administrative |
| 2808.3 | Size of piles | I |
| 2808.4 | Pile separation | I |
| 2808.7 | Pile fire protection | I |
| 2808.9 | Material-handling equipment | I |
| 2808.11 | Temperature control | I |
| 2808.11.1 | Pile temperature control | I |
| 2808.11.2 | New material temperature control | I |
| 2808.12 | Water availability for piles | I |

| | | |
|------------|---|--------------------------|
| 2808.13 | Tipping area | I |
| 2808.14 | Emergency contact | Administrative |
| 4906.3 | OCFA Vegetation Management Guideline | I |
| 4908 | Fuel modification requirements for new construction | I |
| 5001.5.2 | Hazardous materials inventory statement | Administrative |
| 5003.1.1.1 | Extremely hazardous substances | I & III |
| 5608.2 | Retail fireworks | Administrative |
| 5608.3 | Application for permit | Administrative |
| Chapter 80 | Reference Standards | N/A |
| | 2016 NFPA 13 (Sprinkler Systems) | Administrative, II & III |
| | 2016 NFPA 13-D (Single Family Sprinkler Systems) | I & II |
| | 2013 NFPA 14 (Standpipe Systems) | Administrative |
| | 2016 NFPA 24 (Underground Water Supply Systems) | Administrative & III |

3. This City Council hereby finds that the facts supporting the findings reference herein are contained in the staff report and the oral and documentary evidence submitted to this City Council during the public hearing conducted regarding the adoption of Ordinance No. 0-2016-07.

4. In accordance with the provisions of California Health and Safety Code § 17958.7, the City Clerk hereby is directed to forthwith file a certified copy of this Resolution and Ordinance 0-2016-07 with the California Building Standards Commission.

5. A full, true and correct copy of this Resolution shall be maintained in the office of the building official for public inspection.

6. The City Clerk shall certify to the adoption of this Resolution.

PASSED AND ADOPTED this 15th day of November, 2016.

JEREMY B. YAMAGUCHI, MAYOR

ATTEST:

PATRICK J. MELIA, CITY CLERK

I, Patrick J. Melia, City Clerk of the City of Placentia, hereby certify that the foregoing Resolution was adopted a regular meeting of the City Council of the City of Placentia, held on the 15th day of November, 2016, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

PATRICK J. MELIA, CITY CLERK

APPROVED AS TO FORM:

CHRISTAIN L. BETTENHAUSEN, CITY ATTORNEY

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the City Council of the City of Placentia will hold a public hearing in the Council Chambers of the Placentia City Hall, 401 East Chapman Avenue on **Tuesday, November 15, 2016 at 7:00 p.m.**, or as soon thereafter, to consider the following item:

Adoption of 2016 Building Standards Code:

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF PLACENTIA, CALIFORNIA, REPEALING CHAPTER 18.04 OF TITLE 18 AND CHAPTERS 20.04, 20.08, 20.12, 20.16, 20.20 AND 20.56 OF TITLE 20 OF THE PLACENTIA MUNICIPAL CODE AND ADOPTING BY REFERENCE, THE CALIFORNIA FIRE CODE, 2016 EDITION, THE CALIFORNIA BUILDING CODE, 2016 EDITION, THE CALIFORNIA RESIDENTIAL CODE, 2016 EDITION, THE CALIFORNIA GREEN BUILDING STANDARDS CODE, 2016 EDITION, THE CALIFORNIA PLUMBING CODE, 2016 EDITION, THE CALIFORNIA MECHANICAL CODE, 2016 EDITION, AND THE CALIFORNIA ELECTRICAL CODE, 2016 EDITION, INCLUDING ALL APPENDICES, WITH CERTAIN AMENDMENTS, ADDITIONS AND DELETIONS THERETO, INCLUDING FEES AND PENALTIES

ALL INTERESTED PERSONS are invited to attend this hearing and express opinions upon the items listed above.

ANY WRITTEN MATERIALS to be submitted to the City Council should be submitted to the City Clerk's Office at least twenty-four (24) hours prior to the hearing. Ten (10) copies are requested.

IF YOU CHALLENGE this proposal in court, you may be limited to raising only those issues you or someone else raised at the public hearings described in this notice or written correspondence delivered to the City Council.

FURTHER INFORMATION on these items may be obtained at the Development Services Department, Planning Division, or by telephone: (714) 993-8124.

Patrick J. Melia
City Clerk

PUBLISHED: November 4, and November 11, 2016
POSTED: November 3, 2016



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL

VIA: CITY ADMINISTRATOR

FROM: DIRECTOR OF DEVELOPMENT SERVICES

DATE: NOVEMBER 15, 2016

SUBJECT: **TRANSIT ORIENTED DEVELOPMENT (TOD) PACKING HOUSE DISTRICT ZONE AND PUBLIC REALM STANDARDS (STUDY SESSION 1 OF 2)**

FISCAL

IMPACT: No fiscal impacts are associated with this Study Session. Potential significant economic benefit to the local Placentia economy, including jobs, public & private investment, and annual/one-time revenue.

SUMMARY:

The City of Placentia has been given a unique transit hub opportunity in the form of the new Metrolink station, which will be operational in 2020 near the city center in Historic Old Town Placentia. The positive effect of 530 daily passengers traveling through the City provides a major opportunity for revitalizing this area. The proposed Station has the ability to transform this area into a transit oriented destination, which is at the heart of the vision for the TOD Packing House District (TOD District). Creating a TOD District, with specific standards for land use, parking, streetscape, sustainability, architecture and public improvements will foster new development opportunities while creating a one-of-a-kind destination. In addition, a TOD District can bring new housing, employment and supporting services to the area, which will help support retail and restaurant businesses while growing the City's local economy.

RECOMMENDATION:

It is recommended that the City Council take the following actions:

1. Receive and file the report and presentation; and
2. Solicit public comment regarding the proposed TOD District Plan, Public Realm Design Standards, and supporting documentation; and
3. Provide direction to Staff as appropriate regarding all of the TOD Plan documents; and
4. Schedule the second study session regarding the TOD Plan for the January 17, 2017 City Council meeting.

3.a.
November 15, 2016

BACKGROUND:

The Orange County Transportation Authority and the City Council have approved the construction of a new state-of-the art Metrolink Station (Station) and 253-space parking structure within the Old Town Placentia area. The new Station will be operational in 2020 and serves as a unique opportunity to act as a hub for visitors and patrons to the area. The proposed Station is centrally located between the Old Town Placentia area and the area south of the station (along Crowther Ave.), which includes a variety of manufacturing uses and underutilized properties. After evaluating this area and examining the unique opportunity to create transit-oriented development, Staff began working with the business community to examine the feasibility of creating a destination that would complement the Old Town area, but be distinctly different in a variety of areas. In addition, a key element of the advanced planning effort was to ensure that the new destination would support the Old Town business community as well as improve our local economy, while creating more shopping and dining opportunities for Placentia residents and visitors.

The vision of this destination resulted in the development of the TOD Packing House District (TOD District) Plan. This proposed district will be characterized by a variety of new uses which are designed to accommodate a new mixed-use, pedestrian-oriented retail and residential district. The TOD District is feasible due to the positive effect of 530 daily passengers travelling through the City, whom can access the TOD District via the new Metrolink station. The TOD District enables private redevelopment of existing industrial sites and various illegal uses into 3-5 story mixed-use urban buildings and civic spaces. Building types will be primarily residential, consisting of retail on the ground floor and residential on the top floors, with high-quality 360 degree architectural and development standards applied to each unique building.

DISCUSSION:

The TOD District standards will foster responsible, progressive and attractive development in the TOD Packing House District. Higher density mixed-use development will bring new residents to the TOD District and adjacent Old Town Placentia area, benefitting the traditional downtown with new shoppers and diners. New housing will be offered at market and workforce housing rates, to implement both City and regional housing needs.

Fundamental to the revitalization effort will be a connection from the TOD District to Old Town Placentia. While the City's pedestrian bridge provides functions as an integral feature to achieving this vision, it is ideal to create meaningful public spaces and plazas on both sides of the Metrolink Station platform. Designing a seamless transition to both sides of the Station area will attract activity and public gathering, thereby supporting the success of both business areas. Also important to the success of this District is a park-once strategy for non-residential development, which will allow patrons and workers the opportunity to park and walk between Old Town and the TOD Packing House District without the need to move their cars.

A historic packing house occupies the corner of Melrose Street and Crowther Avenue, presenting a logical anchor for a unique destination. Adaptively reusing the historic packing house will strengthen the District's overall character and identity while celebrating the area's agricultural heritage together with Old Town Placentia. Historic preservation, as a strategy for overall

revitalization, is fundamental and is integrated in all planning and development actions in the TOD Packing House District Plan.

Creating a new TOD District with specific standards for land use, parking, streetscape, sustainability, architecture and open space will facilitate development that creates an attractive place to walk, live, shop, dine and board the Metrolink. The proposed boundaries of the TOD District are represented below:



-  Historic Packing House
-  TOD Area

Committee Recommendations

The City Council Planning and Development Ad-Hoc Committee and Economic Development Committee have previously reviewed the attached planning documents and PowerPoint presentation and recommend the approval of the following items:

1. TOD Plan & Zoning Code Amendment/General Plan Amendment
2. Public Realm Standards
3. TOD Impact Fee Preparation
4. TOD CFD Preparation

Next Steps

Subsequent to this Study Session, Staff anticipates holding a Community Meeting on November 30, 2016, a second City Council Study Session in late January 2017, a Planning Commission hearing in mid-February 2017, and City Council consideration of the full zoning code text amendment, general plan amendment and supporting documents in late March 2017.

FISCAL IMPACT:

No fiscal impacts are associated with this Study Session; however there is potential significant economic benefit to the local Placentia economy, including jobs, public & private investment, and annual/one-time revenue as outlined below.

Economic Benefits

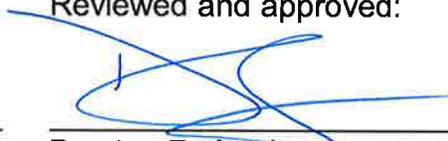
Based on a Gross Fiscal Impact and Economic Benefit Analysis study prepared by Kosmont Associates for the future TOD District (at build out), collectively these public and private investments generate \$495 million in new economic output. Upon completion, the surrounding TOD area is estimated to generate approximately \$1,550,000 in General Fund revenue for the City. Additionally, the proposed TOD District area would garner \$15,075,000 in impact fee revenue, which would assist with the City's infrastructure funding needs. In total, construction of the TOD District is estimated to generate approximately 3,272 jobs, which will aid in improving Placentia's local economy. A copy of the Gross Fiscal Impact and Economic Benefit Analysis study can be found attached to this report.

Prepared by:

Reviewed and approved:



Joseph M. Lambert
Director of Development Services



Damien R. Arrula
City Administrator

Attachments:

1. Development Standards
2. Draft Public Realm Guidelines
3. Gross Fiscal Impact and Economic Benefit Analysis Study
4. PowerPoint Presentation



PLACENTIA
Rich Heritage, Bright Future

STUDY SESSION DRAFT #1

November 9, 2016 version

Transit Oriented Development Packing House District Development Standards

*Lilley Planning Group
for the City of Placentia*



TRANSIT ORIENTED DEVELOPMENT PACKING HOUSE DISTRICT DEVELOPMENT STANDARDS

23.111.010 Purpose and Intent

The following provides detailed regulations for development of land uses within the Transit Oriented Development Packing House District (TOD Packing House District or “District”). The purpose of the TOD Packing House District is to encourage an appropriate mixture and density of activity around the Metrolink station to increase ridership and promote alternative modes of transportation to the automobile. The consequent intent is to decrease auto-dependency, and mitigate the effects of congestion and pollution. The development standards seek to achieve this by providing a pedestrian-, bicycle-, and transit-supportive environment configured in a compact pattern and a complementary mix of land uses all within a comfortable walking distance of the station. The specific objectives of this District are to:

- A. Encourage mixed-use and transit oriented development;
- B. Encourage people to walk, ride a bicycle or use transit;
- C. Promote public art and creative public places;
- D. Allow for a complementary mix of land uses to create an environment that engages people at the pedestrian level;
- E. Achieve a compact pattern of development that is more conducive to walking and bicycling;
- F. Provide sufficient density of employees, residents and recreational users to support transit;
- G. Provide a high level of amenities that create a comfortable environment for pedestrians, bicyclists, and other users;
- H. Create a physical connection with Old Town Placentia by activating the station area with a plaza and ground floor shops and restaurants in the TOD Packing House District;
- I. Promote affordable housing and provide housing for all economic segments of the community consistent with the City’s housing goals;
- J. Maintain an adequate level of parking and access for automobiles;
- K. Create fine-grained detail in architectural and urban form that provides interest and complexity at the level of the pedestrian and bicyclist;
- L. Generate a relatively high percentage of trips serviceable by transit;
- M. Encourage integrated development, including the consolidation of parcels;and
- N. Encourage lot and building orientation on Crowther Avenue and parcels extending from Crowther to the Railroad right-of-way, to create an active streetscape.

23.111.020 Applicability and General Provisions

The City of Placentia’s TOD Packing House District shall apply to lands delineated as such on the City’s official zoning map. All land uses and development within the District shall be located and developed in accordance with the following provisions. The standards of the TOD Packing House District shall not apply to development for which approvals were granted prior to the adoption of these regulations and which entitlements are still valid and for development which has current, valid building permits.



--- TOD Boundary

23.111.030 Land Use and Permit Requirements

This section identifies the land use types allowed by the City in the TOD Packing House District.

A. Allowable Land Uses. A parcel or building within the District shall be occupied by only the land uses allowed by Table 1. Each land use in the table is defined in the glossary of this Ordinance or in the Placentia Municipal Code (PMC) (Definitions, Chapter 23.04).

1. **Multiple Uses.** Any one or more land use identified by Table 1 as being allowable within the District may be established on any parcel, subject to the planning permit requirement listed in the table, and in compliance with all applicable requirements of this Code.
2. **Mixed Use Development.** All new developments with parcels of 20,000 square feet or more, within the TOD zone must be mixed use development as defined in the definitions section, except for the catalyst site as defined in the definitions section of this chapter.
3. **Unlisted Uses.** The Development Services Director may determine an unlisted use is similar to another allowable permitted or conditionally permitted use and if all of the following findings can be made:
 - i. The use is no greater in density or intensity than other uses allowed, or conditionally allowed in the zone;
 - ii. The use is compatible with permitted or conditionally permitted uses in the zone;
 - iii. The use will meet the purpose of the zone;
 - iv. The use is consistent with the goals and policies of the General Plan; and
 - v. The use will not be detrimental to the public health, safety or welfare.

Applicants may appeal this decision using the Use Conformity Determination process, outlined in Section 23.39.035 of the PMC.

B. Permit Requirements. Table 1 provides for land uses that are:

1. **Permitted.** These uses are permitted subject to compliance with all applicable provisions of this Chapter and require a Development Plan Review or Site Plan Review in compliance with Chapter 23.75 of the PMC. These uses are shown as “P” uses in Table 1.
2. **Conditionally Permitted Uses.** These uses are allowed subject to the approval of a Use Permit and require a public hearing in compliance with Chapter 23.87 of the PMC. These uses are shown as a “UP” in Table 1.
3. **Not Permitted.** These uses are not permitted, and shown as “NP” in Table 1. A land use that is not listed in Table 1 is not allowed within the District, except as otherwise provided in Section 23.11.030 (A.3). Uses that are expressly listed as not permitted are prohibited.

C. Standards for Specific Land Uses. Where the last column in Table 1 (Specific Use Regulations) includes a section number, the regulations in the referenced section of this chapter and/or the PMC apply to the use. Provisions in other sections of this chapter may also apply.

Table 1: Allowed Land Uses and Permit Requirements

| LAND USE TYPE | PERMIT REQUIREMENT P-permitted UP – use permit NP – not permitted | SPECIFIC USE REGULATIONS |
|--|--|--------------------------|
| D. Mixed Use Requirement. All new developments fronting Crowther Avenue within the TOD zone must be mixed use development, except for the “catalyst site” or those sites containing less than 20,000 square feet. | | |
| E. Frontage on Crowther: 75% of frontage must be designed and constructed for potential commercial with a minimum 15’ floor to ceiling height, 75% of building façade to have street level, transparent windows, and ground floor to be constructed with exhaust and grease trap systems for potential restaurant uses. | | |
| Recreation, Education, Public Assembly Uses | | |
| 1. Commercial recreation facility – indoor | NP | |
| 2. Conference/Convention Facility | NP | |

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| 3. Health/Fitness Facility, including stand alone or roving fitness classes | NP | |
| 4. Library, Museum | P | Permitted only in the historic Packing House Building ¹ |
| 5. Park, Playground | P | Only permitted when integrated into the overall development of a site. |
| 6. School – specialized Education, training | NP | |
| 7. Studio – art, dance, martial arts, music, cooking, fitness (such as yoga, Pilates, spin, etc) | P | Permitted only above the ground floor within a mixed use development or above the ground floor of the Packing House building. Only one studio per development. |
| 8. Theatre (live performing arts) | P | Movie Cinemas not permitted |
| Residential Uses | | |
| 9. Emergency/Transitional shelter | NP | |
| 10. Home Occupation | P | PMC Section 23.81.020. No additional parking shall be permitted for those units with home occupation. |
| 11. Live Work, in Packing House building | P | |
| 12. Live Work | UP | |
| 13. Mixed use project with residential | P | Maximum of 3 bedrooms per unit; 15% of all units may be up to 3 bedrooms The design and construction of multi-family residential developments as courtyard housing projects is encouraged. Ground floors in mixed use projects must be plumbed/planned restaurant infrastructure including exhaust and grease control device. |
| 14. Multi-Family Residential, Catalyst Site | UP | Maximum of 3 bedrooms per unit; 15% of all units may be up to 3 bedrooms. |

¹ The Packing House building is located at 341 S. Melrose Street.
TOD Packing House District – Development Standards

| | | |
|---|---|---|
| | | Project with only multi-family residential are permitted only on the “catalyst site.” See definition of “catalyst site.” |
| 15. Non Mixed Use Project with a parcel size under 20,000 square feet | UP | Must be commercial on ground floor. May also include commercial, residential or office above ground floor. Must meet all other development standards. Must meet the Intent and Purpose of this chapter. |
| 16. Residential Only | NP, except as permitted as a catalyst site as described in definitions. | |
| Retail/Commercial Uses | | |
| 17. Accessory Retail or services | P | Only permitted when primary commercial use is established. Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 18. Adult Entertainment Facility or Business | NP Pursuant to PMCC Chapter 23.89 | |
| 19. Alcoholic beverage sales (not associated with bar, brewery, distillery or restaurant) | NP | |
| 20. Antique or collectible store | P | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 21. Artisan Shop | P | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 22. Auto repair or auto parts sales | NP | |
| 23. Bar, tavern, brewery, distillery, tasting rooms, wine cellar | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 24. Neighborhood Market (with or without alcohol beverage sales) | UP | |
| 25. Drive-through (any uses) | NP | |
| 26. Furniture, furnishings and appliance store | NP | |
| 27. General retail – less than 5,000 sf | P | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 28. General retail –5,000 sf to 20,000 sf | UP | Must be incorporated |

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|--|-------------------------------------|---|
| | | into mixed-use or within Packing House; cannot stand alone. |
| 29. General retail – more than 20,000 sf (max 60,000 sf) | NP | |
| 30. Groceries, specialty foods – 10,000 sf or less | P | |
| 31. Groceries, specialty foods – more than 10,000 sf | UP | |
| 32. Medical Marijuana Facilities | NP Pursuant to PMC Chapter 23.46 | |
| 33. Nightclub (including comedy clubs) | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. “Hostess” clubs are not permitted. |
| 34. Outdoor Dining | P | Permitted in public right-of-way with an encroachment permit. Pursuant to ABC requirements as well as the Outdoor Dining Permit and Guidelines. |
| 35. Outdoor display and sales | NP | May be permitted with a Special Event Permit as part of a coordinated event, pursuant to PMC Section 23.81.015. No more than 4 a year. |
| 36. Restaurant with outdoor dining | P | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 37. Restaurant with alcohol sales | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. |
| 38. Restaurant | P | |
| 39. Secondhand/Thrift/Pawnshop/Charity store | NP | |
| 40. Service Station | NP | |
| 41. Tobacco Sales, including electronic smoking devices | NP | |
| Services – Business, Financial, Professional | | |
| 42. ATM | P | Must be integrated into building façade. Stand along kiosks not permitted. |
| 43. Bank | NP | |
| 44. Medical services | UP | See definition. May only be permitted on 2 nd story of mixed-use |

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| | | development. |
| 45. Office | P | Upper floors; or in conjunction with live/work. Must be incorporated into mixed-use or within Packing House; cannot stand alone. May only be permitted on 2 nd story of mixed-use development. |
| Services – General | | |
| 46. Adult daycare | NP | |
| 47. Commercial daycare center | NP | Large family daycare facilities not permitted. All child care facilities shall be integrated into the over development. |
| 48. Lodging – B&B | UP | Maximum of 10 beds allowed. Are not required to contain residential units or uses. |
| 49. Lodging – Hotel | UP | Are not required to contain residential units or uses. Permitted within 250 feet (verify) of freeway right of way. 1 st floor must include 25-50% of floor area as retail or restaurant or conference area. Retail/restaurant uses must be consistent with mixed use standards. Must include conference center. |
| 50. Massage Establishments | UP Pursuant to PMC Section 23.30.030 | |
| 51. Personal services | P | Must be incorporated into mixed-use or within Packing House; cannot consist of a stand alone use or building. May only be permitted on 2 nd story of mixed-use development or Packing House. |
| 52. Public Safety Facility | NP | Except that City Police Department satellite |

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| | | stations are permitted. Satellite stations may not be stand alone facilities. |
| 53. Spa Services | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. May only be permitted on 2 nd story of mixed-use development. Must include a full suite of services. |
| 54. Spa Services with alcohol | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. May only be permitted on 2 nd story of mixed-use development. Must include a full suite of services. |
| 55. Cigar or Hookah Lounge | UP | |
| 56. Meeting Halls, Banquet Centers (Stand alone) | NP | |
| 57. Tattoo Parlors/Body Modification | UP | |
| 58. Hostess Bars | NP | |
| Transportation, Communications & Infrastructure | | |
| 59. Broadcasting Studio | UP | Must be incorporated into mixed-use or within Packing House; cannot stand alone. May only be permitted on 2 nd story of mixed-use development. |
| 60. Public Parking Structure | P | |
| 61. Transit Station or terminal | P | |
| 62. Telecommunication Cell Tower | Pursuant to PMC Chapter23.82 | |
| Historic Packing House Building | | |
| 63. Adaptive Re-use of Packing House Building. The building and property located at 341 S Melrose Street is a local historic building and is listed on the California Register. As an historic building, it is eligible for adaptive re-use in order to preserve the historic elements and quality of the building and property. | UP, subject to an adaptive re-use plan prepared by a qualified preservation expert as deemed appropriate by the City. | Adaptive re-use plan may be reviewed for comment by the local Historical Committee. The adaptive re-use of this building is not subject to any development standards contained in this Chapter, however a finding must be made that the reuse plan meets and is consistent |

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| | | with the Intent and Purpose of this Chapter. |
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23.111.040 Development Standards

Table 2 identifies the development standards required for new land uses in new or modified buildings in the TOD Packing House District.

Parking Standards. On-site parking requirements for unlisted but similar uses shall be based on the parking requirements of similar uses found in this chapter and shall be at the discretion of the Development Services Director. The Development Services Director may require the preparation of a parking demand study by a qualified, licensed traffic engineer approved by the City to determine the parking requirement for unlisted but similar uses.

Parking Calculations. Parking standards are based on gross floor area.

Table 2. Development Standards

| A. Building Placement Regulations | Standards | Notes |
|--|--|--|
| 1. Density | 65 dwelling unit/acre minimum and 95 dwelling units/acre maximum | Density shall be calculated using gross lot size, prior to any required right-of-way dedications. Dedications shall be required along Crowther Avenue. |
| 2. Block Length and Lot Size Requirements. Each project along Crowther Avenue shall create an active and inviting environment for pedestrians. | | |
| a. Maximum building length without breaks in building massing | 350 ft. | Breaks in building massing mean courtyards, plazas, outdoor dining, etc. These should be open from ground to sky and constitute a true break in the building massing. |
| b. Lot Depth | No minimum lot depth | Integrated developments and lot consolidations are encouraged with lot orientation fronting on Crowther Avenue, and where possible, with parcels extending from Crowther to the railroad right-of-way. |
| c. Minimum Lot Size | 20,000 square feet | |
| 3. Setbacks. Minimum setbacks required and, where noted, maximum setbacks established, except where a frontage type standard allows exceptions or establishes different requirements. Setbacks are measured from property line after any required dedications. Fire Department requirements supersede any setback listed below. | | |

| | | |
|--------------------------------|-----------------------|--|
| a. Setback From Railroad Track | 0 feet | 10' from rear ROW preferred by BNSF for above ground structures. Applicants should consider access to rear portion of new development. |
| b. Front Yard Setback | 5 ft min./15 ft. max. | |
| c. Side Yard Setback | 0 feet | |
| d. Rear Yard Setback | 10 ft | |
| e. Street Side Yard Setback | 5 ft min./15 ft. max | |

4. Projections and Encroachments

- a. **Allowable Setback Projections**
- i. Ground Floor:
 - Awnings and canopies over windows: 60 inches;
 - Barriers for defining outdoor dining areas such as fences, railings, planter boxes: as needed to encompass outdoor dining area;
 - Sun Shade Structures: 15 feet;
 - Bay Windows: 60 inches (not wider than 10 feet);
 - Cornices, belt courses, and similar architectural features: 12 inches;
 - Eaves, roof overhangs: 30 inches; and
 - Uncovered porches, decks and landings (may be covered by arbors or trellises): 10 feet.
 - ii. Above Ground Floor - Awnings, galleries, balconies, bay windows: 48 inches
 - iii. Art, as determined by the approval of the public art component of the project.
 - iv. For signs, see Sign Regulations, 23.110.050.
 - v. Outdoor dining is allowed by approval of the Director of Development Services or Designee and may require Alcoholic Beverage Control Board (ABC) approval.
 - vi. All projections must maintain a minimum of 8' vertical height from ground.
- b. **Public Right-of-Way Encroachments (all require approval of an encroachment permit)**
- i. Art, as determined by the approval of the public art component of the project.
 - ii. For signs, see Sign Regulations, 23.110.050.
 - iii. Outdoor dining, including sun shade structures for such, is allowed by approval of the Director of Development Services or Designee and may require Alcoholic Beverage Control Board (ABC) approval. Approval is pursuant to the Outdoor Dining Permit and Guidelines.

5. Building Height, Rooftop Amenities, Frontages, and Ground Floor

| | | |
|---|---|--|
| a. Building Height | 3 stories minimum, 35' minimum, 5 stories maximum, not to exceed 67'. | |
| b. Frontage Requirements. In order to support the pedestrian environment, building frontages onto streets and open spaces shall be maximized. No visible parking is permitted along frontages. A minimum of 75% of the site frontage shall be occupied as building frontage. A section of blank wall shall not exceed 20 linear feet without being interrupted by a window or entry or other façade treatment. | | |
| c. Rooftop Amenities, such as and not limited to, clubhouses, swimming pools, tennis courts, open space areas, fitness centers, are permitted to project 16' above the maximum height limit if integrated into the overall design of the project and the maximum rooftop building coverage is limited to 30% of the rooftop floor area. Roof top amenities shall be setback from the building edge such that no more than 20% of the rooftop structure can be visible from the primary public right of way at centerline of the street. Rooftop Amenities are intended for the use of building residents. | | |
| d. Ground Floors shall contain commercial uses and have a minimum 15' floor to ceiling. | | |

| 6. Provision of Common Open Space (Residential Only) | Standards | Notes |
|--|--|-------|
| a. Amount per residential use | 50 sf/unit for residential units; 50 sf/unit for 5 or more Live Work Units | |
| b. Types of Common Open Space Permitted | <ul style="list-style-type: none"> • Common open space can be active or passive but must be accessible to all non-residential tenants (i.e. employees and employers) and residential residents. • Required setbacks may not be counted as common open space, except that rear yards counted as meeting the requirement for live/work units. • Common open space shall be fully landscaped and requires an approved landscape plan. • Examples may include: courtyards, clubhouses with accompanying landscaped areas, swimming pools, plazas, greens, parks, playgrounds, picnic areas, outdoor seating. | |
| c. Rooftop Amenities | <ul style="list-style-type: none"> • Rooftop amenities are permitted if they provide additional recreational or common open space activities. • 50% of the rooftop amenities (structures and active recreation amenities) may count towards the square footage requirement for either private or common open space. • Rooftop buildings supporting recreational activities may cover a maximum of 30% of the rooftop area and may project above the maximum height limit by 16 feet. | |
| d. Courtyard Common Open Space Requirements | <ul style="list-style-type: none"> • Courtyards shall be designed as a central courtyard or as partial, multiple, separated or interconnected courtyards. • Minimum courtyard dimension shall be 40 feet when the long axis of the courtyard is oriented EW and 30 feet for a NS orientation. The courtyard proportion is 1:1 between its width and height for at least 2/3 of the court's perimeter. As long as total open space requirement is met, this ratio could be modified by up to 10%. • When there are two or more | |

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| | <p>courtyards, they shall be connected to each other.</p> <ul style="list-style-type: none"> The area required for first level patios shall not be deducted from the overall courtyard area. | |
| 7. Provision of Private Open Space (Residential Only) | | |
| a. Live Work | 64 sf/unit | 6 feet min in any direction; the total of 64 sq. ft. must be provided as one private open space area, not broken up into smaller sizes. |
| b. Residential-Attached & Multi-Family | 64 sf/unit | 6 feet min in any direction; the total of 64 sq. ft. must be provided as one private open space area, not broken up into smaller sizes. |
| 8. Parking | Standards | Applicable Land Uses |
| a. Retail – spaces per 1,000 sf | 2 min./4 max. | Accessory retail, Antique, Artisan, General retail, Grocery, Retail complex, Personal services |
| b. Eating and Drinking Establishments– spaces per 1,000 sf | 5 min./10 max. | Bar/Tavern, Restaurant, Brewery, etc. |
| c. Outdoor Dining | 0 | Provided the outdoor dining area does not exceed the interior dining area. Any square footage over the interior dining area shall provide parking pursuant to the eating and drinking establishment requirement above. |
| d. Specialty Goods & Foods– spaces per 1,000 sf | 2 min./4 max. | |
| e. Entertainment & Recreation– spaces per 1,000 sf | 6 min./10 max. | Health/Fitness, Playgrounds, Studios, Theatres cannot be stand alone |
| f. Commercial Goods– spaces per 1,000 sf | 2 min./4 max. | |
| g. Civic & Cultural, including Libraries and Museums – spaces per 1,000 sf | 3 min./no max. | |
| h. Office Professional – spaces per 1,000 sf | 2 min./4 max. | |
| i. Personal Services | 3 min./no max. | |
| j. Live Work | 1 min./1.5 max. | |

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| k. ATM | 0 | |
| l. Lodging – B&B | 1 per sleeping room | No assembly space permitted. |
| m. Lodging – Hotel | 1 per sleeping room, plus 1 space for every 75 sf of assembly area. | |
| Residential | | |
| n. Spaces per studio unit | 1 min./1 max. | |
| o. Spaces per 1 bed unit | 1 min./1.5 max. | |
| p. Spaces per 2 bed unit | 1.5 min./2 max. | |
| q. Spaces per 3 bed unit | 2 min./ 2.5 max. | |
| r. Guest spaces per 10 units | 2 min./3 max. | |
| s. Mixed Use | Parking shall meet the requirements for individual land uses. Residential parking shall be separated from non residential parking and easily accessible through a controlled mechanism. | Reduced parking may be permitted through a parking study |
| Other | | |
| t. Bike Parking – Short Term | Residential: One (1) resident bicycle parking space for every five (5) residential units, or portion thereof Non-Residential: One (1) bicycle parking space for every 5,000 square feet, or portion thereof, of non-residential floor area. | |
| u. Bike Parking – Long Term | Residential: Two (2) bicycle storage units for every five (5) dwelling units for the first 20, and one (1) for every five (5) additional units, or portion thereof; Non-Residential: Any establishment with a parking structure and a minimum of 10,000 square of non-residential space shall provide long-term bicycle parking at a minimum ratio of one (1) space per 20 vehicle spaces. | |
| v. Electric Vehicle Charging Stations | Minimum 10% of project's parking spaces must provide EV Level 2 charging stations. Alternatively, 5% of total spaces if installing DC Fast Charging Stations. | |
| w. Transit Station or terminal | As per Director of Development Services in coordination with transportation authority | |
| x. Telecommunication Facility | 1 space to service facility. | |
| y. Surface Parking: | Surface parking is permitted as long as not visible from public street and is fully landscaped and screened from public view. | |
| z. Parking Structure | Structure parking permitted only if integrated into overall design of building and “wrapped” with the building, such that the parking area is not visible from | |

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| | any portion of the front, sides, rear or interior courtyards of the project. | |
| aa. Podium Parking | Permitted if fully integrated into a development with a “wrapped” parking structure. | |
| bb. Underground Parking | Permitted if fully integrated into the design of the development. | |
| cc. Parking Reduction | Applicants may apply for parking reduction before the Planning Commission for residential and mixed use projects up to a maximum reduction of 25% through a parking demand study or shared parking analysis. One such incentive could include a Zip car or shared car plan. | |

23.111.050 Sign Regulations

A. Purpose and Intent

These sign regulations are intended to appropriately limit the placement, type, size, and number of signs allowed within the TOD area, and to require the proper maintenance of signs.

The purposes of these limitations and requirements are to:

1. Avoid traffic safety hazards to motorists, bicyclists, and pedestrians, caused by visual distractions and obstructions;
2. Promote the aesthetic and environmental values of the community by providing for signs that do not impair the attractiveness of the City as a place to live, work, and shop;
3. Provide for signs as an effective channel of communication, while ensuring that signs are aesthetically proportioned in relation to adjacent structures and the structures to which they are attached;
4. Safeguard and protect the public health, safety, and general welfare; and
5. Promote the pedestrian scale of the district.

B. Applicability

1. These sign regulations apply to all signs in this zone, except that directional/instructional signs and real estate signs shall instead comply with the requirements of the City’s Zoning Code (Sign Regulations).
2. The provisions of this Chapter do not regulate the message content of a sign (sign copy), regardless of whether the message content is commercial or noncommercial.
3. Sign installation within the areas subject to this Code shall require sign permit approval in compliance with the City’s Zoning Code (Sign Regulations), unless exempted from sign permit requirements.
4. Sign Variances and Historic Sign Designation - See the Zoning Code (Variances).
5. Definitions of the specialized terms and phrases used in this section are in the Zoning Code (Sign Regulations).

C. Prohibited Signs

All sign types and sizes not expressly allowed by this Chapter shall be prohibited. Examples of prohibited signs include, but are not limited to the following:

1. Abandoned signs (includes signs on abandoned or closed businesses);
2. Animated and moving signs, including electronic message display signs, and variable intensity, blinking, or flashing signs, or signs that emit a varying intensity of light or color, except time and temperature displays (which are not considered signs), and barber poles;
3. Exposed cabinet/raceways behind channel letters;
4. Internally illuminated cabinet (can) signs;
5. Off-site signs (e.g., billboards, and signs mounted on vehicles);
6. Obscene signs;
7. Pole signs and other freestanding signs over six feet in height;
8. Roof signs;
9. Signs that simulate in color, size, or design, any traffic control sign or signal, or that make use of words, symbols, or characters in a manner that interferes with, misleads, or confuses pedestrian or vehicular traffic;
10. A sign burned, cut, or otherwise marked on or affixed to a rock, tree, or other natural feature;
11. A sign placed within a public right-of-way, except as provided by Table 3 (Sign Standards by Use);
12. A sign painted directly on a building;
13. Permanent signs that advertise continuous sales, special prices, or include phone numbers are prohibited.
14. Temporary signs, including the following:
 - a. Balloons and other inflatable devices;
 - b. Flags, except official national, state, or local government, institutional or corporate flags, properly displayed; and
 - c. Pennants and streamers, except in conjunction with an athletic event, carnival, circus, or fair.

D. General Requirements for All Signs

1. Sign area and height measurement

The measurement of sign area and height shall occur in compliance with the City's Zoning Code (Sign Regulations).

2. Sign location requirements

Each sign shall be located in compliance with the following requirements, and all other applicable provisions of this Chapter.

- a. On-premise signs required. Each sign shall be located on the same site as the subject of the sign, except as otherwise allowed by this Chapter.
- b. Setback requirements. Each sign shall comply with the setback requirements of the applicable zoning district, except for an approved projecting sign, and except for an approved freestanding sign, which shall be set back a minimum of 5 feet from the front and side street property lines.
- c. Placement on a building. No sign shall be placed so as to interfere with the operation of a door or window. Signs should not be located so that they cover prominent architectural features of the building.
- d. Signs within a public right-of-way. No sign shall be allowed in the public right-of-way except for the following:
 - i. A projecting sign in compliance with Table 3 (Sign Standards by Use);
 - ii. Public signs erected by or on behalf of a governmental agency to convey public information, identify public property, post legal notices, or direct or regulate pedestrian or vehicular traffic;
 - iii. Bus stop signs installed by a public transit company;
 - iv. Informational signs of a public utility regarding its lines, pipes, poles, or other facilities; or
 - v. Emergency warning signs erected by a governmental agency, a public utility company, or a contractor doing authorized within the public right-of-way.
- e. Any sign installed or placed within the public right-of-way other than in compliance with this Section shall be forfeited to the public and be subject to confiscation.

3. Sign design

The following design criteria shall be used in reviewing the design of individual signs. Substantial conformance with each of the following design criteria shall be required before a sign permit or Building Permit can be approved.

- a. Color

Colors on signs and structural members should be harmonious with one another and relate to the dominant colors of the buildings on the site. Contrasting colors may be utilized if the overall effect of the sign is still compatible with building colors.
- b. Design and construction
 - i. Except for banners, flags, temporary signs, and temporary window signs conforming with the requirements of this Chapter, each sign shall be constructed of permanent materials and shall be permanently attached to the ground, a building, or another structure by direct attachment to a rigid wall, frame, or structure.
 - ii. Each permanent sign shall be designed by a professional (e.g., architect, building designer, landscape architect, interior designer, or others whose principal business is the design, manufacture, or sale of signs), or who are capable of producing professional results.
 - iii. Each permanent sign shall be constructed by persons whose principal business is building construction or a related trade including sign manufacturing and installation, or others capable of producing professional results. The intent is to ensure public safety, achieve signs of careful construction, neat and readable copy, and durability, to reduce maintenance costs and prevent dilapidation.
- c. Materials and structure
 - i. Sign materials (including framing and supports) shall be representative of the type and scale of materials used on the site where the sign is located. Sign materials shall match those used on the buildings on the site and any other signs on the site.
 - ii. No sign shall include reflective material.
 - iii. Materials for permanent signs shall be durable and capable of withstanding weathering over the life of the sign with reasonable maintenance.

- iv. The size of the structural members (e.g. columns, crossbeams, and braces) shall be proportional to the sign panel they are supporting.
 - v. The use of individual letters incorporated into the building design is encouraged, rather than a sign with background and framing other than the structure wall.
- d. Street address
The review authority may require that a sign include the street address of the site, where it determines that public safety and emergency vehicle response would be more effectively served than if the street address were displayed solely on one or more buildings on the site.
- e. Copy design guidelines
The City does not regulate the message content (copy) of signs; however, the following are principles of copy design and layout that can enhance the readability and attractiveness of signs. Copy design and layout consistent with these principles is encouraged, but not required.
- i. Sign copy should relate only to the name and/or nature of the business or commercial center.
 - ii. Permanent signs that advertise continuous sales, special prices, or include phone numbers are prohibited.
 - iii. Information should be conveyed briefly or by logo, symbol, or other graphic manner. The intent should be to increase the readability of the sign and thereby enhance the identity of the business.
 - iv. The area of letters or symbols should not exceed 40 percent of the background area in commercial uses or 60 percent for residential uses.
 - v. Freestanding signs should contain the street address of the parcel or the range of addresses for a multi-tenant center.
- f. Sign lighting. Sign lighting shall be designed to minimize light and glare on surrounding rights-of-way and properties.
- i. External light sources shall be directed and shielded so that they do not produce glare off the site, on any object other than the sign.
 - ii. Sign lighting shall not blink, flash, flutter, or change light intensity, brightness, or color.
 - iii. Colored lights shall not be used at a location or in a manner so as to be confused or construed as traffic control devices.
 - iv. Neither the direct nor reflected light from primary light sources shall create hazards for pedestrians or operators of motor vehicles.
 - v. For energy conservation, light sources shall be hard-wired fluorescent or compact fluorescent lamps, or other lighting technology that is of equal or greater energy efficiency. Incandescent lamps are prohibited.

4. Sign maintenance.

- a. Each sign and supporting hardware, including temporary signs and awning signs, shall be maintained in good repair and functioning properly at all times. Any damage to a sign or its illumination, including the failure of illumination shall be repaired within a maximum of 14 days from the date of damage or failure.
- b. A repair to a sign shall be of materials and design of equal or better quality as the original sign.
- c. A sign that is not properly maintained and is dilapidated shall be deemed a public nuisance, and may be abated in compliance with the City's Zoning Code.
- d. When an existing sign is removed or replaced, all brackets, poles, and other supports that are no longer required shall be removed, and any/all damage to the exterior of the building shall be repaired/repainted to the satisfaction of the Development Services Director or his/her designee.

5. Sign Standards by Use

Each sign shall comply with the standards provided by this Section and comply with the requirements in the following Table 3, except as permitted by the approval of a Creative Sign Permit described below.

6. Master Sign Program

All mixed use projects shall require a Master Sign Program, which is reviewed and approved by the decision-making body in each case. Master sign plan" means a coordinated program of signage for new or existing commercial, office or residential which contain more than one business establishment or tenant. The Master Sign Program can permit signs that meet the intent and standards of the Sign Code and ensure that the all signs are integrated thoughtfully into the design of the structures, creating a unified architectural statement. The Master Sign Program provides a means for defining common sign regulations for multi-tenant projects, to encourage maximum incentive and latitude in the design and display of multiple signs, and to achieve, not circumvent, the intent of this chapter.

- a. *Application Requirements Revisions to Master Sign Programs.* A sign permit application for a master sign program shall include all information and materials required by the department, and the filing fee set by the city's Fee Resolution. Revisions to a master sign program may be approved by the Director with a standard sign permit if the intent of the original approval is not affected. Revisions that would substantially deviate from the original approval shall require the approval of a new master sign program.
- b. *Standards.* A master sign program shall comply with the following standards:
 - i. The program shall comply with the purpose of this chapter.
 - ii. The signs shall enhance the overall development, be in harmony with, and relate visually to other signs included in the master sign program, to the structures or developments they identify, and to surrounding development;
 - iii. The program shall accommodate future revisions that may be required because of changes in use or tenants; and
 - iv. The program shall comply with the standards of this chapter, except that flexibility is allowed with regard to sign area, number, location, or height to the extent that the master sign program will enhance the overall development and will more fully accomplish the purposes of this chapter.

7. Creative Sign Permit

- a. *Definition Creative Sign Permit.* Applicants may apply for a Creative Sign Permit for those signs which are not listed or which exceed the provisions of this Chapter. The Creative Sign Permit is intended for signs that meet the intent and standards of the Sign Code, but may not necessarily meet the standards shown in Table 3. An applicant may request approval of a creative sign permit to authorize on-site signs that employ standards that differ from the other provisions of this chapter but comply with the intent of this Chapter.
- b. *Purpose.* To encourage signs of unique design, and that exhibit a high degree of thoughtfulness, branding, imagination, inventiveness, and spirit; and to provide a process for the application of sign regulations in ways that will allow creatively designed signs that make a positive visual contribution to the overall image of the city, while mitigating the impacts of large or unusually designed signs.
- c. *Application and Procedure Requirements.* A sign permit application for a creative sign shall include all information and materials required by the department, and the filing fee set by the city's Fee Resolution. A sign permit application for a creative sign shall be subject to review and approval by the Director of Development Services when the proposed sign is fifty square feet or less, and by the Commission when the sign is larger than fifty square feet. Notification for a sign permit

for a creative sign shall be given in the same manner specified by this Zoning Ordinance for Director-approved development permits in Chapter 19.48.

- d. *Design Criteria.* In approving an application for a creative sign, the review authority shall ensure that a proposed sign meets the following design criteria.
- i. *Design Quality Criteria.* The sign shall 1) constitute a substantial aesthetic improvement to the site and shall have a positive visual impact on the surrounding area; 2) be of unique design, and exhibit a high degree of thoughtfulness, imagination, inventiveness, and spirit; and 3) provide strong graphic character through the imaginative use of graphics, color, texture, quality materials, scale, and proportion.
 - ii. *Contextual Criteria.* The sign shall contain at least one of the following elements: 1) classic historic design style; 2) creative image reflecting current or historic character of the city; 3) symbols or imagery relating to the citrus packing industry; or 4) inventive representation of the use, name, or logo of the structure or business.
 - iii. *Architectural Criteria.* The sign shall: 1) utilize or enhance the architectural elements of the building; and 2) be placed in a logical location in relation to the overall composition of the building's façade and not cover any key architectural features and details of the façade.
 - iv. *Neighborhood Impacts.* The sign shall be located and designed not to cause light and glare impacts on neighboring residential uses.

Table 3. Sign Standards by Use

| a. SIGN STANDARDS MULTI-FAMILY RESIDENTIAL USE | | | |
|---|--|--|--|
| Allowed Sign | Maximum Sign Height | Maximum No. of Signs Allowed per Parcel | Maximum Sign Area Allowed per Parcel |
| i. Wall or Freestanding | Wall signs: below edge of roof. Freestanding: 48 inches | 1 wall sign or freestanding sign per entrance or street frontage | 12 sf each per face area; 24 sf maximum total sf for all signs. |

| b. SIGN STANDARDS NON-RESIDENTIAL USE/MIXED USE | | |
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| Allowed Sign | Placement Standards | Maximum Number and Sign Area |
| i. Awning | Shall be entirely on awning valence; lettering max 66% of valence height; valence height max: 18 inches. | 50% of the area of the valence front. 1 sign max per each separate awning valence. |
| ii. Marquee | To be established during project review. Allowed only for the entrance of a theatre or playhouse. | To be established during project review. 1 sign max |
| iii. Monument | 5 ft including base structure. Allowed only on a site with more than 100 ft. of continuous street frontage. | 36 sf |
| iv. Projecting or suspended | 16 inches from face of building and bottom of sign shall be no closer than 8 ft above sidewalk surface below. | 6 sf. No dimension greater than 3 ft. Sign shall be redwood sandblasted, hand carved or architecturally designed. |
| v. Wall | 2 ft below parapet or eave. Individual letters 18 inches. | 1 sf. per linear foot primary business. |

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| | | Mounting 1-story: above 1 st floor windows. Mounting multi-story: between windows. | 1 sign allowed per business frontage with pedestrian entrance. Side street or rear entrance wall sign max 50% of the primary sign area. |
| vi. | Window Permanent | Within window area | 15% of total window area max. |
| vii. | Window Temporary | Within window area | 25% of total window area. Allowed for display a maximum of 15 days at 1 time, up to 3 times in a 12 month period. |
| viii. | A-boards and other portable sidewalk signs are permitted | May not impede pedestrian flow. | 1 per business. Signs may only be permitted while the business is open. Requires an encroachment permit if in the public right-of-way |
| ix. | Building Wall Facing RR ROW | Businesses may have signage equal to or less than the allowable projecting or wall sign standards. | Building or parcel must front along Crowther Avenue and the Railroad ROW |
| x. | Directional Signage on private property | | |

7. Legal Nonconforming Signs

A legal nonconforming sign is any permanent or temporary sign that was legally established and maintained in compliance with the provisions of all applicable laws in effect at the time of original installation but that does not now comply with the provisions of this specific plan.

- a. General requirements. A legal nonconforming sign shall not be:
 - i. Changed to another nonconforming sign;
 - ii. Structurally altered to extend its useful life;
 - iii. Enlarged;
 - iv. Re-established after a business is discontinued for 60 days or more, subject to the amortization clause below; or
 - v. Re-established after damage or destruction to 50 percent or more of the value of the sign, or its components, as determined by the Building Official and subject to the amortization clause below.
- b. Maintenance and changes.

Sign copy and face changes, nonstructural modifications, and nonstructural maintenance (e.g., painting, rust removal) are allowed without a sign permit up to a maximum of 25 percent of the existing total area of the sign. Face changes not including copy, and any nonstructural modifications exceeding 25 percent of the existing total area of the sign, and any structural changes shall comply with all applicable standards of this Chapter.

23.111.60 Amortization and Existing Uses

- A. In order to preserve private property rights, all legal existing uses operating in existing building(s) or structure(s) in existence upon the effective date of this ordinance, may be continued after the date of adoption of this zoning code amendment, subject to the following:
 1. If the structure or use is abandoned or discontinued for twelve (12) months, the property or use must comply with this ordinance.
 2. Any alteration or expansion in building footprint is not permitted.
- B. In order to preserve private property rights, five (5) years after the effective date of this Ordinance, all legal conforming existing uses operating in existing building(s) or structure(s) may be transferred or

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| assigned from the existing owner as follows: |
| 1. The business/property is transferred from a Parent to his/her Child, from a Child to his/her Parent as defined in this Chapter. |
| 2. The business/property is transferred from an owner to his/her employee(s) such that the Ownership does not change as defined in this Chapter. |
| C. In order to preserve private property rights, five (5) years after the effective date of this Ordinance, all legal conforming existing uses operating in existing building(s) or structure(s) may continue as follows: |
| 1. If the business/property Primary use (not accessory uses), remains unchanged, then accessory uses may change. An accessory use as defined in section 23.04.030 means “a use incidental, appropriate, subordinate and devoted exclusively to the main use of the lot or building.” |
| 2. Any alteration or expansion in building footprint is not permitted. |
| D. The City shall give notice to all property owners of properties within the TOD regarding this ordinance in the following manner: |
| a. Within 180 days of adoption of this ordinance; |
| b. Within 3 years after adoption of this ordinance; and |
| c. At least 4 years after adoption of this ordinance. |
| Failure to provide any of the notices above shall not prevent the City from enforcing the requirements of this chapter. |

23.111.070 Public Art/Public Plazas

Applicability:

Public Art and Public Plazas are encouraged in every development. Public art or plazas may be required as part of a development agreement for those developments that include 20 or more units or which are over 20,000 square feet. Includes new construction and remodel/rehabilitation of existing structures. Public art is encouraged to reflect the history of the Packing House District and citrus growing industry.

Generally, the plans for proposed plazas or public art shall be part of the entitlement package submitted. The plazas may be located on the project site or at another location set forth in a development agreement, but must be located within the TOD project area.

23.111.080 TOD Development Impact Fee Program

In addition to City baseline impact fees, the TOD zone will require additional public realm improvements and projects are subject to a TOD Impact Fee that ensures all public sector infrastructure improvements can be provided. In addition to the TOD Impact Fee, all projects will be required to install public infrastructure and streetscape elements up to the curb face of the public street immediately adjacent to the project, in accordance with the Public Realm Development Standards

| Definitions: <i>to be added to Chapter 23.04 of Municipal Code.</i> | |
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| Term | Definitions |
| Adaptive Reuse Plan | Adaptive reuse refers to a detailed plan for reusing an old site or building for a purpose other than which it was originally designed for. Adaptive reuse seeks to preserve existing buildings by retrofitting spaces for new uses while retaining much of the original features of the structure, and making use of existing infrastructure and transportation networks. Adaptive reuse plans are prepared by preservation professionals. |
| Bike Parking – Long Term | A volume of space that can accommodate locked storage of one or more bicycles or an area located inside a building where bicycles can be stored. Generally for longer term storage of bicycles. |
| Bike Parking – | A fixture to which one or more bicycles can be securely locked. Generally for 2 |

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| Short Term | hours or less. |
| Catalyst Site | <p>The catalyst site is defined as the first entitled project within the TOD zone and has the following characteristics:</p> <ol style="list-style-type: none"> 1. The catalyst site shall be a minimum of one acre and shall contain no less than 65 dwelling units per acre; 2. This site is permitted to be all residential, acting as a catalyst to further development in the zone. The catalyst site is permitted to be all residential (not mixed use) but is not required to be all residential; and 3. Should the first entitled project be withdrawn after entitlement, the next entitled project may be all residential only if there have been no other large scale projects entitled or developed in the zone. As a residential only project, the catalyst site may be exempt from the following development standards: <ol style="list-style-type: none"> i. Wrapped parking structure (23.111.040.A.8.z), however any proposed parking structure shall include design and landscape features to mitigate the visual impacts of the parking structure; ii. 15' Ground floor to ceiling height (Sections 23.11.030.E and 23.111.040.5.d); however no less than 10'; and iii. Commercial at ground floor (Section 12.11.030.E.15), however any proposed first floor residential shall include architectural features designed to create consistency with the TOD first floor commercial streetscape. |
| Child/Parent | “Child” and “Parent” shall have the same meaning as defined in California Probate Code Sections 26 and 54, respectively. In the event of any renumbering or repeal of Sections 26 and/or 54, the successor definition(s) provided pursuant to the provision shall apply. |
| Courtyard | An open space created by a minimum of 3 sides of a courtyard building and used for private recreation in residential developments. |
| Courtyard Housing | Building type consisting of residences that can be arranged in several possible configurations: townhouses, townhouses over apartments, apartment over apartments, where an apartment occupies a single floor. |
| Electric Vehicle Charging Stations | <p><u>Level 2: 240-volt:</u> Level 2 requires charging equipment to be purchased and installed and provides about 10-20 miles of range per hour of charge. From empty, a full size battery electric car takes about 4-7 hours to recharge.</p> <p><u>DC Fast Charging: 440-volt:</u> DC fast charging provides up to an 80% charge in about 30 minutes.</p> |
| Entitled Project | Entitled project shall mean a project that has obtained final approval of all necessary planning and other land use approvals. |
| General Retail | A business or person who sells goods to an individual consumer as opposed to a wholesaler or supplier, who normally sell their goods to another business. Any retail transaction, which has a good sold, is taxable by the State Board of Equalization. |
| Green | Available for informal active and passive recreation. A green may be spatially defined by ground plan landscape and informal trees and/or buildings. |
| Hostess Bar | Hostess clubs are nightclubs where staff cater to and/or engage with customers seeking drinks and/or attentive conversation. Typically the staff will be scantily clad. These are also called “bikini bars,” “bee clubs,” and other similar descriptions. |
| Live/Work | Integrated residence and working space, occupied and utilized by a single household in a structure that has been designed or structurally modified to accommodate joint residential occupancy and work activity. However, such residential use shall only be allowed on the second floor or above of said live/work space. The interior residential portion shall be clearly separated and not be visible from the commercial space. |
| Medical Offices/ | An office or health facility providing health services including, without limitation, |

| | |
|---|---|
| Services | preventative and rehabilitation treatment, diagnostic services, testing and analysis. This use includes offices providing medical, dental, surgical, rehabilitation, podiatric, optometric, chiropractic and psychiatric services, and medical or dental laboratories incidental to these offices, but exclude inpatient services and overnight accommodation. |
| Mixed Use | The combination of non-residential and residential uses in the same structure or on the same site, where the residential component is located either above (vertical mixed-use) or behind or next to (horizontal mixed-use) the non-residential component. |
| Neighborhood Market | A retail store specializing in fresh produce and staples including bread, cereal, dairy products, and may include a deli counter. More than 75% of floor plan shall be devoted to food sales. |
| Nightclub | Any bar, cocktail lounge, discotheque, or similar establishment which provides live entertainment (music and/or dancing, comedy, etc.) in conjunction with alcoholic beverage sales. Includes bars, taverns, pubs, karaoke bars, and similar establishments where any food service is subordinate to the sale of alcoholic beverages. |
| Office Use | A place of business providing administrative business professional services such as insurance agencies, real estate offices, law offices, architectural or design offices, accounting services, travel agencies, etc. This includes government offices, and postal facilities and businesses engaged in the production of intellectual property such as advertising agencies, computer software production and programming services, educational, scientific and research organizations, media postproduction services, photography and commercial art studios, and writers and artists offices. This definition does not include "banks and financial Services." |
| Ownership | Five (5) years from the effective date of this Ordinance, Ownership shall mean 51% or more interest in real property including all land, structures, and all interest in the property. |
| Personal Services | Personal services are any businesses where services are provided or performed through direct physical contact between patron and employee. These include but are not limited to: barbers, beauticians, aestheticians, cosmetologists, nail salons, tanning salons, massage therapists, and tattoo parlors/body modification studios. They do not include doctors, dentists, chiropractors, or other state-licensed medical professionals. |
| Plaza | An open area usually located near buildings and often featuring walkways, trees and shrubs, places to sit, and sometimes shops |
| Primary Use | Five (5) years from the effective date of this Ordinance, Primary Use shall mean use or occupancy of 70% or more of the total building area. |
| Retail and/or Commercial Uses | Uses as listed as Retail/Commercial Uses in Table 1 herein. |
| Studio | A place for the study or practice of an art, skill or specific fitness activity (such as dancing, singing, acting, cooking, yoga, palates, spinning, etc). Typically this is one room devoted to the activity and where there is a limited number of teachers, all teaching the same skill or activity. |
| Telecommunication Cell Tower | A cell tower not including building used for telecommunication businesses. |
| Transit Oriented Development (TOD) | Transit-oriented development, or TOD, is a type of community development that includes a mixture of housing, office, retail and/or other amenities integrated into a walkable neighborhood and located within a half-mile of quality public transportation. |
| Wrapped Parking | A building parking design that completely conceals on all sides a parking garage that is designed for occupancy by retail, service, office, and/or residential uses, or for an all residential development. |

**Final Admin Draft City Council Study Session # 1
 TOD Packing House District
 Public Realm Design Standards
 November 9, 2016**

The Transit-Oriented Development (TOD) Packing House Public Realm design standards are intended to enhance the physical safety, comfort and convenience of the pedestrian realm as well as the aesthetic character and quality of the pedestrian experience in the TOD Packing House District. Elements defined in these guidelines should be coordinated with those selected for Old Town Placentia and serve as a unifying thread between the two areas. These design standards will be used to design and specify detailed engineered streetscape improvement plans for the TOD District. The pedestrian realm refers to the public sidewalk area and any adjoining public parkways (or right of ways) parks and plazas. The pedestrian realm is reserved specifically for pedestrian use and serves as the interface between the buildings and uses on private property and the street right-of-way, providing both connections and buffers. As such, the design of the sidewalk and the elements within it are critical for the creation of an active, pedestrian friendly surrounding environment, an environment that encourages walking, cycling and public transit as attractive and effective modes of transportation.

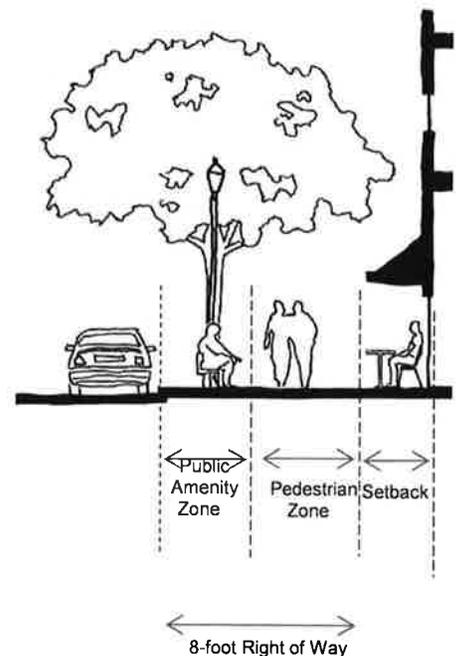
For purposes of these design standards, the pedestrian realm has been subdivided into two functional zones: the Pedestrian Zone and the Amenity Zone (see diagram below). Each zone plays a slightly different role as defined below. Please see the Crowther Avenue cross sections at the end of this document.

Pedestrian Zone. The pedestrian zone is the middle section of the sidewalk, of which the primary function is to accommodate the efficient movement of pedestrians. As such, it needs to provide an unobstructed, linear sidewalk space that is free of street furniture, street trees, planters, and other vertical elements such as light standards, fire hydrants and transit facilities, and shall be wide enough to accommodate projected volumes of pedestrian traffic.

Public Amenity Zone. The public amenity zone is the section of the public sidewalk that adjoins the street and buffers pedestrians from the adjacent roadway. This zone is the appropriate location for the majority of the public facilities and streetscape amenities that enhance and serve the pedestrian zone, including features such as street trees, landscaping, street lights, transit stops, fire hydrants, benches, public art, and other street furniture and amenities.

A. Pedestrian Realm – General

Figure 1 Pedestrian Realm



1. Sidewalk Width for Combined Pedestrian and Amenity Zones

Intent: To dedicate adequate space to support a safe, comfortable, attractive, and robust pedestrian environment sufficient for the desired level of pedestrian activity.

- a. **Width.** Sidewalk width shall be no less than 9 feet adjacent to the north side of Crowther Avenue (North Crowther) and shall be no less than 8 feet adjacent to the south side of Crowther Avenue (South Crowther) and adjacent to other Rights of Way, including the area dedicated to the pedestrian zone (5 feet minimum North Crowther and 4 feet minimum South Crowther) and public amenity zone (4 feet minimum North Crowther and 3 feet minimum South Crowther). Sidewalk widths of 9 feet or greater generally provide space for pedestrian amenities and provide for a leisurely walking pace without vehicle traffic dominating the pedestrian realm.
- b. **Curb Extensions.** Curb extensions at intersections are required as a means of expanding the pedestrian zone where pedestrians are likely to congregate while waiting for transit or to cross the street. It is important to ensure that curb extensions do not interfere with vehicular traffic and bike lanes.
- c. **Elements Prohibited in Pedestrian Realm.** Merchants are prohibited from using the public right-of-way in front of their business for displaying merchandise or signs. They may use the setback area as defined by the development standards (5-15' setback area). Outdoor dining is encouraged but will be placed in the private setback area and is only allowed to encroach within the public Right of Way pursuant to Chapter 23.111 of the Placentia Municipal Code (TOD Regulations).



Example of Curb Extensions

2. Sidewalk Paving

Intent: To define and enhance the pedestrian environment and the quality and safety of the pedestrian experience through the use of consistent, coordinated, attractive, and high-quality paving surfaces.

- a. **Sustainable Materials.** Recycled and/or locally-sourced paving materials should be specified whenever feasible in order to minimize resource depletion and energy to transport. Examples include pavers, decorative stamped concrete, colored concrete, permeable pavers and other pervious materials.
- b. **New Development/Redevelopment.** All new development and redevelopment shall include new sidewalks and/or sidewalk widening per the specifications of these design standards and city approved roadway plans.
- c. **Decorative Paving.** Decorative paving materials should be provided at bulb-outs, driveway entrances where there are breaks in the sidewalk, and marked crosswalks (i.e., at Crowther Avenue and Melrose Street) to delineate access points and to provide an aesthetic transition between the pedestrian and vehicular realms.
- d. **Accessibility and Safety.** The design and composition of sidewalk paving must maintain smooth and level surfaces that meet ADA requirements, are durable, and have a non-slippery surface when wet.
- e. **Stormwater Management.** The use of permeable or porous pavement in the amenity zone, including bioswales, is encouraged whenever feasible as a means of reducing and treating stormwater and increasing water volume to the root zone of street trees. Permeable paving is also encouraged in the pedestrian zone to minimize the flow of untreated water into gutters.



Example of decorative and permeable paving.



Example of Pedestrian Realm with bioswales in the Amenity Zone.

B. Pedestrian Zone

Intent: To accommodate convenient and comfortable pedestrian circulation, with sidewalk designs proportional to pedestrian traffic levels.



Example of Pedestrian Zone flanked by outdoor seating in the setback area and benches, bike racks, trees and other amenities in the Amenity Zone.

- 1. Width Proportions.** The pedestrian zone should comprise at least 50 percent of the right of way width but never be less than 5 feet, whichever is greater.
- 2. Clearance.** The pedestrian zone should not be obstructed with street furniture, utility poles, traffic signs, trees, etc., in order to maintain a minimum sidewalk width for pedestrian through-traffic and ADA clearance requirements.

- 3. Minimum Vertical Clearance.** The Pedestrian Zone should maintain a minimum vertical height clearance of 9 feet for pedestrians and 14 feet for vehicles where vehicular access is provided, clear of overhanging tree limbs, protruding fixtures such as awnings, signs, or other horizontal obstructions.

C. Public Amenity Zone

Intent: To provide space and amenities within the Pedestrian Realm that contribute to pedestrian comfort, convenience, safety and interest, and encourage walking.



Example of Public Amenity Zone, providing seating, shade and flower pots.

- 1. Width Proportions.** The amenity zone should comprise at least 50 percent of the sidewalk width, but never less than 3 feet, whichever is greater. A minimum of 4 feet is preferred. While 3 feet is sufficient for shade trees, tree wells should include a root barrier system to minimize root damage to sidewalks.
- 2. Appropriate Uses.** Public utilities and street furniture generally should be consolidated in the amenity zone to keep them from becoming obstacles in the pedestrian zone. This includes, but is not limited to street trees, planting strips, street furniture, bicycle parking, utility poles, public art, signal poles, signal and electrical cabinets, signs, fire hydrants, etc.
- 3. Distribution and Concentration.** Whereas the function of features such as light standards, street trees and waste/recycle receptacles requires an even distribution along the length of a street, street furniture should generally be located in high activity areas where people can be expected to congregate, such as transit stops, major building entrances, plazas, and retail and entertainment areas.
- 4. Continuity.** Street furnishings should provide a continuity of streetscape features along the length of a street. At a district scale, coordinated design,

type, color and material of street furniture contributes to a sense of community identity, complements the context of existing buildings and landscape and reflects and strengthens the local character of the TOD Packing House District. These furnishings should be selected for compatibility with Old Town Placentia furnishings.

5. **Variety.** Public streetscape furnishings should include a variety of amenities and selection of materials that add interest to the pedestrian environment.
6. **Setback from Curb.** Elements within the amenity zone generally shall be setback at least 1.5 feet from the face of the street curb to avoid conflict with on-street parking (e.g. car doors, passenger loading, etc.).
7. **Location of Utilities.** Utility vaults, transformers, and other utility access points should be located out of the sidewalk area, and in the private parcel area. Above ground utility boxes, control panels, etc. should be discouraged or located outside of the pedestrian realm, and should have a standardized color where possible. All utility facilities shall be located on private property and screened from view with the exception of traffic signal cabinets.
8. **Undergrounding of Utilities.** In order to reduce conflict with pedestrian movement and improve the aesthetic character of the public realm, all existing overhead utilities located on private property shall be converted to underground facilities. This will require the undergrounding of additional overhead facilities located within the public right-of-way connected to those serving private properties. All utility undergrounding will require coordination with affected utility companies and the work shall be completed at the developer's expense and to the satisfaction of the utility companies. Undergrounding projects should maximize space available for street tree planting.
9. **Stormwater Management.** The use of permeable or porous pavement and landscape designed to treat and attenuate stormwater flow in the amenity zone is pursuant to the Water Quality Management Plan (WQMP) as a means of reducing stormwater runoff rates and volumes. Use of permeable surfaces are encouraged in both private and public realms.
10. **ADA Clearance at Bus Stops.** Bus stops shall maintain a 5 x 8 foot clear area for universal access and shall meet all Orange County Transportation Authority requirements for bus stops and bus pads.

D. Street Furnishings and Amenities

Intent: To help animate the pedestrian realm, support public use, contribute to the social and economic vitality of the TOD Packing House District, and establish the character and identity of the area.

1. Seating

Intent: To provide as much formal and informal seating as possible to increase the number of opportunities for people to socialize and spend leisure time outdoors along public streets.

- a. **Design.** Benches should be attractively designed to further promote pedestrian use. The benches should be fixed in place and constructed of durable and low-maintenance materials. Benches at bus stops should be incorporated into the design of the bus shelter. The selected bench design shall also be of a style that discourages skateboarding on the bench and rails and does not permit users to lay down on the length of the bench.



Examples of desired seating types in the TOD Packing House District.

- b. **Informal Seating.** The creation of seat walls, steps, and planters that can serve as informal seating areas is encouraged as a means of expanding the seating potential and providing diverse opportunities for social interaction.
- c. **Universal Access.** Street furniture needs to be designed for universal access, to facilitate use by those of all ages and abilities and shall comply with all applicable ADA standards.

2. Bicycle Racks

Intent: To provide for a convenient, safe and user-friendly place for cyclists to leave their bicycles to encourage bicycling as a means of transportation.



- a. **Distribution.** Bicycle parking generally should be accommodated with a number of smaller racks distributed along the length of a block, rather than one or two large concentrations of bike racks.
- b. **Placement.** Bicycle racks should be located so that parked bicycles do not block the travel path of pedestrians, infringe upon seating areas or block ingress and egress to parked vehicles. Bike racks should also be placed where there is adequate distance in front and back to attach the front wheel to the rack in either direction.
- c. **Prominent Location.** Bicycle racks should be located in prominent locations within the public amenity zone that are clearly visible to cyclists from the street and from adjoining buildings and public spaces. Placement in view of doors and windows will ensure adequate surveillance from building occupants and visitors. Bicycle parking should not be located in isolated areas, dark locations, or garage recesses.
- d. **Adequate Space.** Due to the space required for bicycle parking, curb extensions are good locations to site bicycle racks, as long as the facilities do not interfere with pedestrian circulation. Providing space for bicycle parking should be considered a design criterion when designing curb extensions. It is important to ensure that curb extensions do not interfere with traffic and bike lanes.
- e. **Design.** Bike racks should be designed to allow the bicyclist to secure the bicycle frame to the device at two points of contact (including both the frame and front tire together with a standard U lock). Appropriate bicycle rack designs include the inverted U, the ribbon type rack, or the corkscrew. The design of bike racks should be encouraged to be a form of public art that is both creative and functional.

Examples of desired bicycle racks in the TOD Packing House District.



3. Waste and Recycling Receptacles

- a. **Distribution.** Separate trash and recycling receptacles should be located regularly at intersections, near major building entrances, near bus stops and the Metrolink Station, and adjacent to outdoor seating areas.

- b. **Design.** Each receptacle should accommodate recycling, prevent wind, rain and birds from entering the container, facilitate convenient access to the liner, and must be anchored to the pavement. Preference shall be given to solar-powered trash receptacles, which provide automatic compacting and significantly reduce the frequency that receptacles need to be emptied.



Example of solar powered trash receptacles



Example of desired trash receptacle in the TOD Packing House District

- c. **Style and Color.** The style and color of the City's trash receptacles should be coordinated with the selected bench design and be consistent throughout the district.

4. Planter Boxes and Pots

Intent: To add color and unity to the Amenity Zone through potted ornamental trees, flowers and shrubs.

- a. **Planter Dimensions.** Planter dimensions may vary depending on the root ball size of the proposed plants as well as the site-specific conditions. However, to avoid pedestrian congestion, no planter should be larger than 25% of the entire sidewalk width.
- b. **Design.** Planters shall be supplied with a drainage hole in the bottom. While a variety of different sizes in groupings may be used, planter colors and styles should complement the adjacent building architecture.
- c. **Installation.** Planters should be level and anchored. Planting installation should allow for an adequate layer of a gravel base, insulated soil mix, and a topping mulch and/or groundcover.

d. **Plant Species.** Planters should incorporate an evergreen component for year round interest and require low water usage.

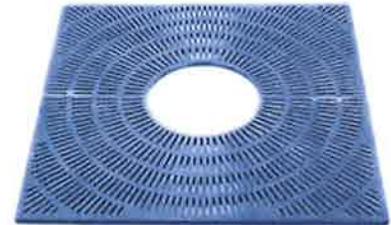
e. **Irrigation.** Drip lines should be routed to the planters and connected to irrigation clocks, to ensure efficient irrigation and maintenance.

5. Tree Grates

Intent: To protect trees and reduce safety hazards.

a. **Use with Tree Wells.** Tree grates should be used in all tree wells that are surrounded by paving, unless the wells are specifically designed for accent planting. In areas with lower levels of pedestrian activity, bare soil with mulch covering, or gravel instead of tree grates may be permitted.

b. **Added Fixtures.** Grates that allow for integrated tree guards, decorative lighting, electrical fixtures and auxiliary power (for special events, holiday lighting, or maintenance) are encouraged where appropriate.



Example of tree guard (on left).

6. Bollards

Intent: To prevent vehicles from entering pedestrian zones and to mark pathway entries at public-private interfaces.

a. **Emergency Access.** Bollard placement and design should be coordinated with emergency vehicle access; in certain locations, removable bollards may be appropriate to balance pedestrian protection with emergency access.

b. **Style and Color.** Bollard style and color should match the selected pedestrian bench and be consistent throughout the district.

7. Bus and Transit Stops

Intent: To encourage and support the transit-oriented character of the TOD Packing House District by providing attractive, safe and quality public amenities at bus stops.

- a. **Prominently Signed.** All transit stops should be prominently signed and all pertinent route and schedule information, including major connecting services, should be posted.
- b. **Seating and Shelter.** All bus and transit shelters should provide seating and protection from the sun, wind and rain.
- c. **Design.** Transit and bus shelters and other amenities should be distinctive through strong architectural design that reflects the character of the district.
- d. **Energy Efficient.** Transit and bus shelters should be designed to be fully solar powered.

8. Light Standard/Poles and Fixtures

Intent: To ensure that public safety and security criteria are met through sufficient lighting, and that the design of light fixtures and the quality of the illumination add visual interest to the streetscape and contribute to the overall character and attractiveness of the street.

- a. **Lighting Style.** A single consistent style and size of pole and fixture should be used within the district to create a unifying scheme of illumination that is appropriate to the scale of the street and the level and character of nighttime activity. Pole and fixture design should be coordinated with other street furniture and amenities to establish an attractive and unified design character. Street lighting shall primarily be oriented towards pedestrians. New street light poles should provide for pedestrian and street lighting, and include armature or fixtures that allows for the hanging of flower baskets, artwork, banners, holiday lights, etc. to add character and identity to the district. Lighting standards should be equipped with electrical outlets suitable for spider boxes.



- b. **Height.** The height of light fixtures generally should be kept low to promote a pedestrian scale and to minimize light spill to adjoining properties. Light standards should not exceed 12 to 15 feet in height from grade to light source. However, dual purpose light fixtures may be used to provide lighting for both the pedestrian and vehicular realms, which would allow for higher light standards to serve the street.
- c. **Spacing.** Generally, shorter light standards should be more closely spaced to provide appropriate levels of illumination, based on a lighting study and plan. Although in lower activity areas where lower lighting levels are acceptable, closer spacing may not be necessary.

- d. **Levels of Illumination.** Street lighting should focus on illuminating the pedestrian realm (e.g., sidewalks, paseos, plazas, alleys, transit stops), rather than the vehicular realm (i.e., the street). Levels of illumination should be responsive to the type and level of anticipated activity, without over-illuminating the area (i.e., bright, uniform lighting of all public right-of-ways is not desirable). The level of illumination for pedestrian areas generally should range from 0.5 foot candles in lower activity areas up to 2.0 foot candles in more critical areas. (A foot candle is a unit of illumination, measured at the distance of one foot from the source of light.)
- e. **Light Pollution.** Lighting shall be Dark Sky certified and generally focused down toward the ground, avoiding all unnecessary lighting of the night sky. In addition to standard street light poles, light sources that are mounted closer to and focus illumination directly onto the ground plane, such as bollard-mounted lighting, stair lighting, and wall- and bench-mounted down-lighting, are desirable. Light fixtures should include internal reflector caps, refractors, or shields that provide an efficient and focused distribution of light and avoid glare or reflection into upper stories of adjacent buildings.
- f. **Illumination of Conflict Areas.** Higher lighting levels should be provided in areas where there is potential for conflict between pedestrians and vehicles, such as intersections and crosswalks, changes of grade, public parking lots and areas with high levels of nighttime activity.
- g. **Color Balance.** Color-balanced lamps that provide a warm white illumination and realistic color rendition are recommended.
- h. **Energy Efficiency.** In order to conserve energy and reduce long-term costs, energy-efficient, Energy Star-certified LED lamps (or of equal efficiency) should be used for all pedestrian realm lighting, and hours of operation should be monitored and limited to avoid waste.

9. Street Trees

INTENT: To ensure that the selection of street trees for the TOD Packing House District are appropriate for the climate and conditions of Placentia, contribute to the creation of a walkable pedestrian environment and create continuity and identity within the district.

- a. **Unified Tree Planting Scheme.** To optimize the beneficial effects of street trees, both aesthetic and as green infrastructure, emphasis should be placed on establishing and maintaining a consistent and well-coordinated planting scheme within the district. A diversity of tree species may be used to prevent diseases from spreading, as long as a coordinated tree palette is used. All plantings should conform to city water efficiency landscape regulations.

- b. **Shade Trees.** In selecting the appropriate tree(s) for the TOD Packing House District, species that provide large canopy shade coverage shall be selected to enhance the pedestrian experience and reduce the heat island effect.
- c. **Tree Size.** A 36 inch box tree should be selected if feasible, but no less than 24 inch box shall be used for the main tree canopy. Smaller tree varieties may be used as accent trees.
- d. **Horizontal Clearance.** Appropriate horizontal clearance is dependant upon species and subject to approval. Trees shall not be placed in such a way that they could block business signs in commercial areas. Generally, to maintain proper clearance and sight lines, street tree centerlines should be located no closer than:
 - i. 10-20 feet from a building façade, depending upon tree form
 - ii. 10-25 feet from the curb line of an intersection, depending upon tree form
 - iii. 5 feet from a driveway or alley
 - iv. 5 feet from fire hydrants, underground utilities, utility poles, and parking meters
 - v. 3 feet from sidewalk furniture
 - vi. 3 feet from curb adjacent to parallel parking
 - vii. 4 feet from curb for perpendicular and diagonal parking
 - viii. 15 feet from street lights
- e. **Tree Spacing.** The maximum spacing for street trees should not exceed 40 feet on center. The minimum spacing for street trees is 15 feet for trees with small mature size. The optimum spacing should be responsive to species type and canopy characteristics. As a general rule, the following spacing should be used:
 - i. Large canopy trees: 30 to 40 feet on center
 - ii. Medium canopy trees: 20 to 30 feet on center
 - iii. Small canopy trees: 15 to 20 feet on center
- f. **Pruning.** To maintain the health of trees (e.g. safety, longevity) and provide a pleasing form, existing street trees should be pruned per ANSI standards, and shall not be topped.
- g. **Vertical Tree Clearance.** Street trees should be selected that have a branching pattern and bottom canopy height at maturity—generally 14 feet or higher—that will not obscure commercial signage and storefront windows or conflict with truck access. Lower branching heights may be appropriate in plazas or other open spaces.

- h. **Planting Conditions.** Efforts should be made to provide the best possible conditions for proper tree growth when planting new street trees, including ample soil planting depth, subsurface preparation, aeration, root protection, irrigation, and drainage. Newly planted street trees will need supplemental irrigation until they are established.
- i. **Tree Wells.** Trees can be planted in parkway planting strips or in individual tree wells. Tree wells are preferred in higher intensity areas with high levels of pedestrian activity, particularly cross traffic between on-street parking and adjoining buildings (e.g., retail uses, sidewalk cafes, etc.).
- j. **Tree Well Dimensions.** In order to promote tree health, tree wells should generally be 6 feet by 6 feet or larger. In constrained areas, the minimum acceptable tree well is 4 feet by 6 feet. As existing trees are replaced, existing tree wells should be expanded wherever possible.
- k. **Tree Grates.** Metal tree grates and tree guards should be used on all tree wells to protect trees, and allow for aeration and surface water collection. Tree grates should be flush with the pavement and shall be of a design that allows pedestrians to walk over them and allow for expansion of grates with tree growth.
- i. **Protecting Tree Roots.** In order to avoid damage to pavement, appropriate, deep-rooted trees shall be selected, and root barriers shall be installed in all instances.

10. Public Signage

INTENT: To distinguish and brand the TOD Packing House District from other areas of the City with thematic district signage at key locations in the public realm.

- a. **Public Street Banners.** Street lights should include mounting brackets to hang banners for City-sponsored events or advertisements.
- b. **Wayfinding Signage Program.** A comprehensive wayfinding signage program is needed for the TOD Packing House District that is coordinated with Old Town Placentia, the Metrolink Station, and other points of interest throughout the City.
- c. **District Archway Sign.** A district archway sign shall be included as a component the wayfinding signage program, to create a sense of place and promote identity of the district. This sign may either space Crowther, east of

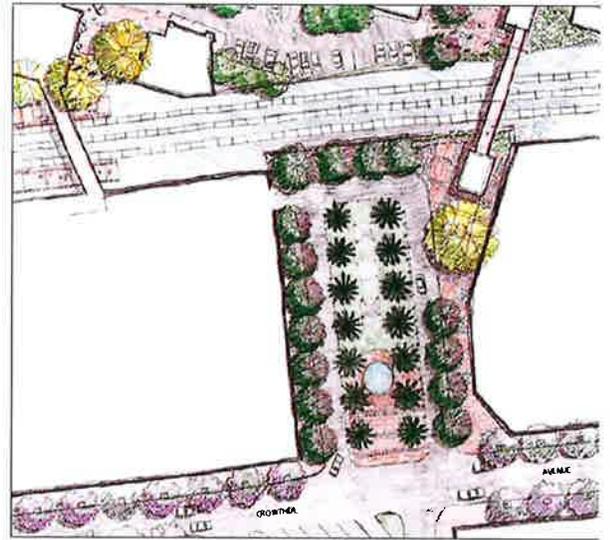


the 57 freeway or may span Melrose Street. Separate funding and design work will be needed to complete this archway sign but it should be considered as an element of the wayfinding signage program.

11. Transit Plaza

INTENT: To create a dramatic yet pleasant gathering and resting place in the TOD District that supports the Metrolink Station and surrounding businesses, as well as provides a visual and physical connection with Old Town Placentia.

- a. **Location.** Adequate square footage should be dedicated south of the transit station for a public plaza. The plaza should act as a continuation of the proposed plaza directly north of the tracks in Old Town Placentia, as an extension of Bradford Avenue. Access to both is provided from the pedestrian over-crossing of the railroad line.
- b. **Size and Use.** The Transit Plaza should be of sufficient size that allows for informal gathering and passive entertainment and at other times organized or formal events that may support new businesses south of the tracks.
- c. **District Identity.** The Transit Plaza should help establish a unique identity for the TOD District by incorporating elements that celebrate the packing house heritage of this area. This may be accomplished through public art, citrus trees, and/or an open lawn area with a palm grove that recalls the earlier train station.
- d. **Views.** The Transit Plaza should maintain sightlines over the tracks and to the proposed plaza in Old Town. One can easily see across and use the pedestrian bridge that is accessible from both the Old Town plaza and the Transit Plaza.
- e. **Pedestrian Orientation.** The Transit Plaza should provide elements that foster an active and welcoming pedestrian environment to provide a connection to Old Town and minimize the railroad tracks as a barrier. Elements may include decorative paving that extends north across Santa Fe Avenue, shade structures, active water features, benches, lighting or lit elements, decorative plantings, bike racks, etc.



Depiction of the Transit Plaza in the Placentia Westgate Specific Plan

- f. **Framing of Plaza.** The Transit Plaza should be defined to the west by buildings that face onto the plaza, providing both an intimate and active setting with ground floor retail and café uses oriented onto the plaza where possible.
- g. **Furnishings, Plantings and Amenities.** As a gateway into the TOD District, the furnishings, lighting, planting palette and other amenities in the Transit Plaza should contribute to an atmosphere and character, complement and establish unity with Old Town Placentia, and help paint the area as a destination.
- h. **Bus Service.** A bus stop on Crowther located near or at the Transit Plaza will maximize the transit nature of this place and of the commuter rail activity.

11. Graphic Depictions of the Public Realm



Option 1: Crowther Avenue Streetscape Photosimulation.



Option 2: Two Lane Crowther Avenue Streetscape Photosimulation.

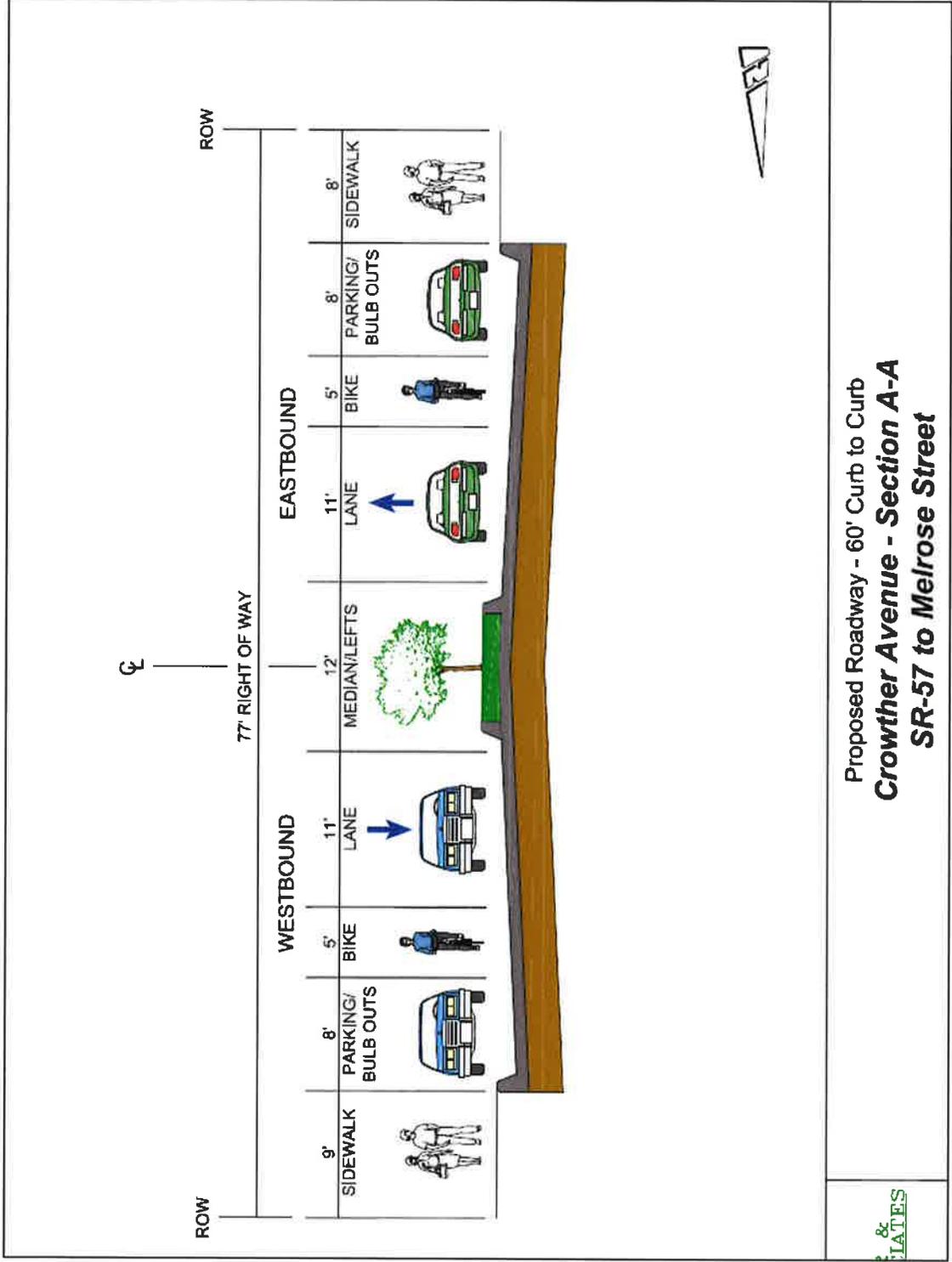
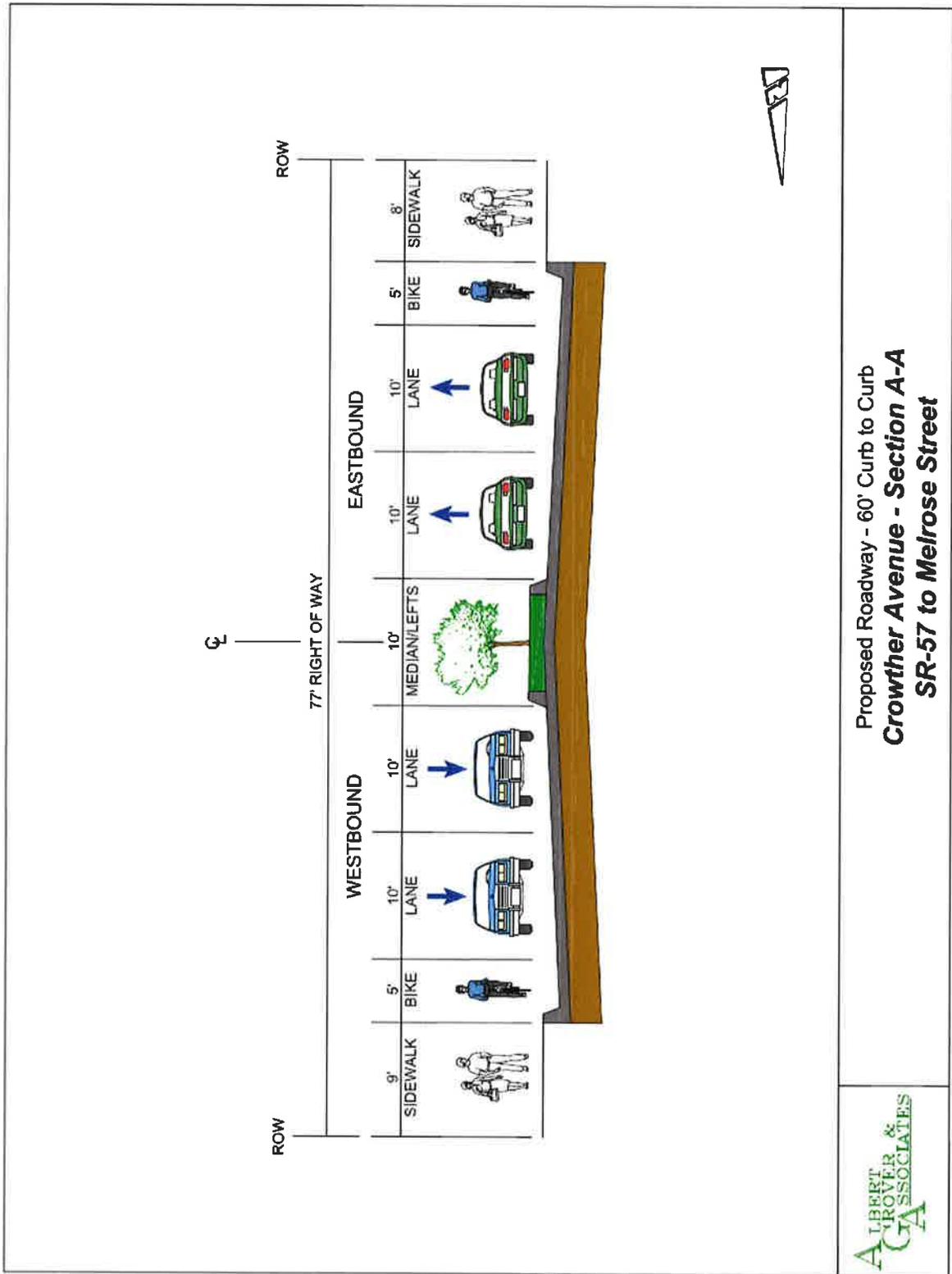
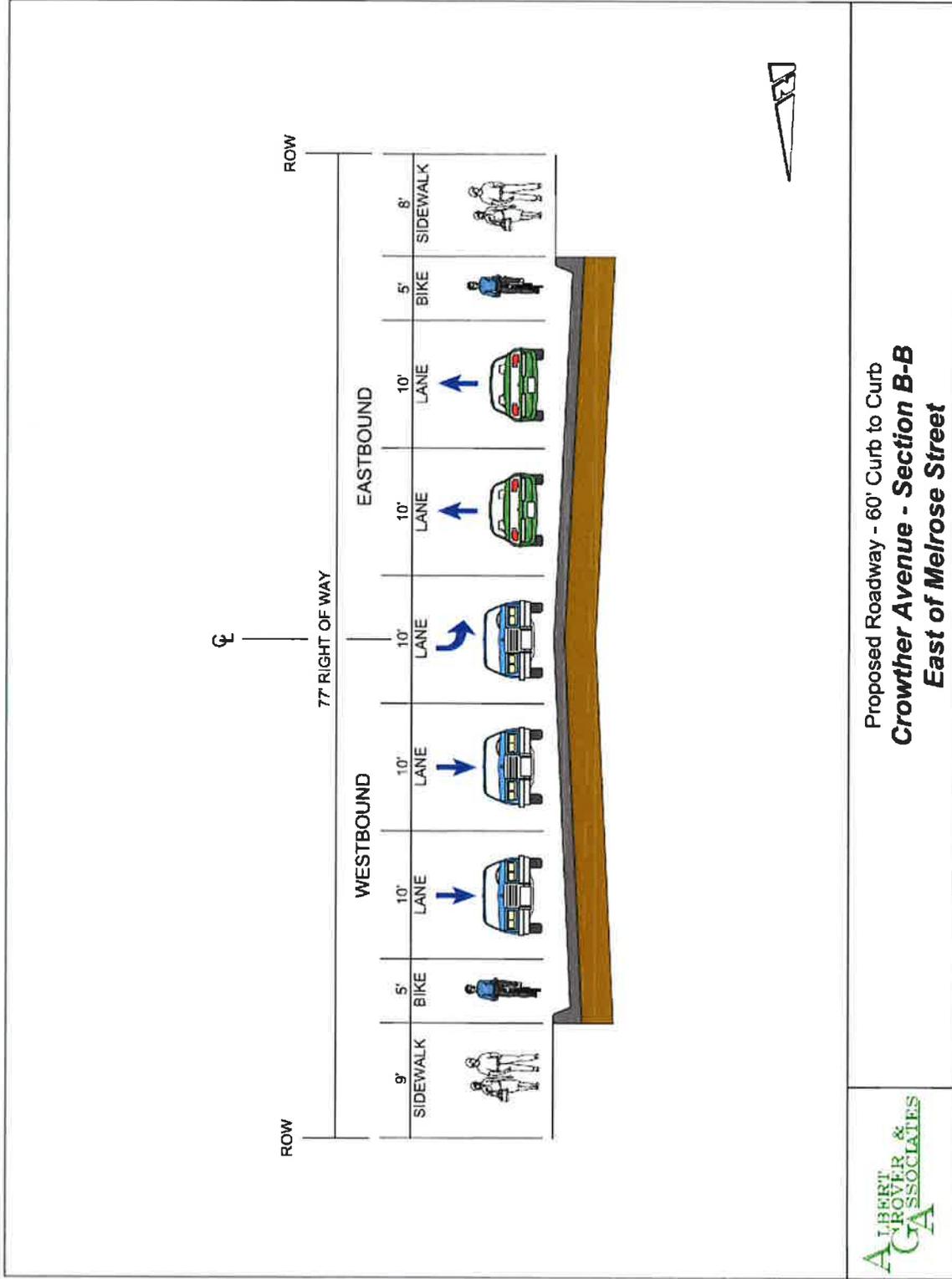


Figure 3 CROWTHER AVENUE CROSS SECTIONS - SR57- Melrose --- Option with on-street parking INSERT REVISED



Proposed Roadway - 60' Curb to Curb
Crowthier Avenue - Section A-A
SR-57 to Melrose Street

Figure 1 CROWTHER AVENUE CROSS SECTIONS - SR57- Melrose



**ALBERT
ROVER &
ASSOCIATES
GA**

Proposed Roadway - 60' Curb to Curb
Crowther Avenue - Section B-B
East of Melrose Street

Figure 2 CROWTHER AVENUE CROSS SECTIONS – East to Melrose

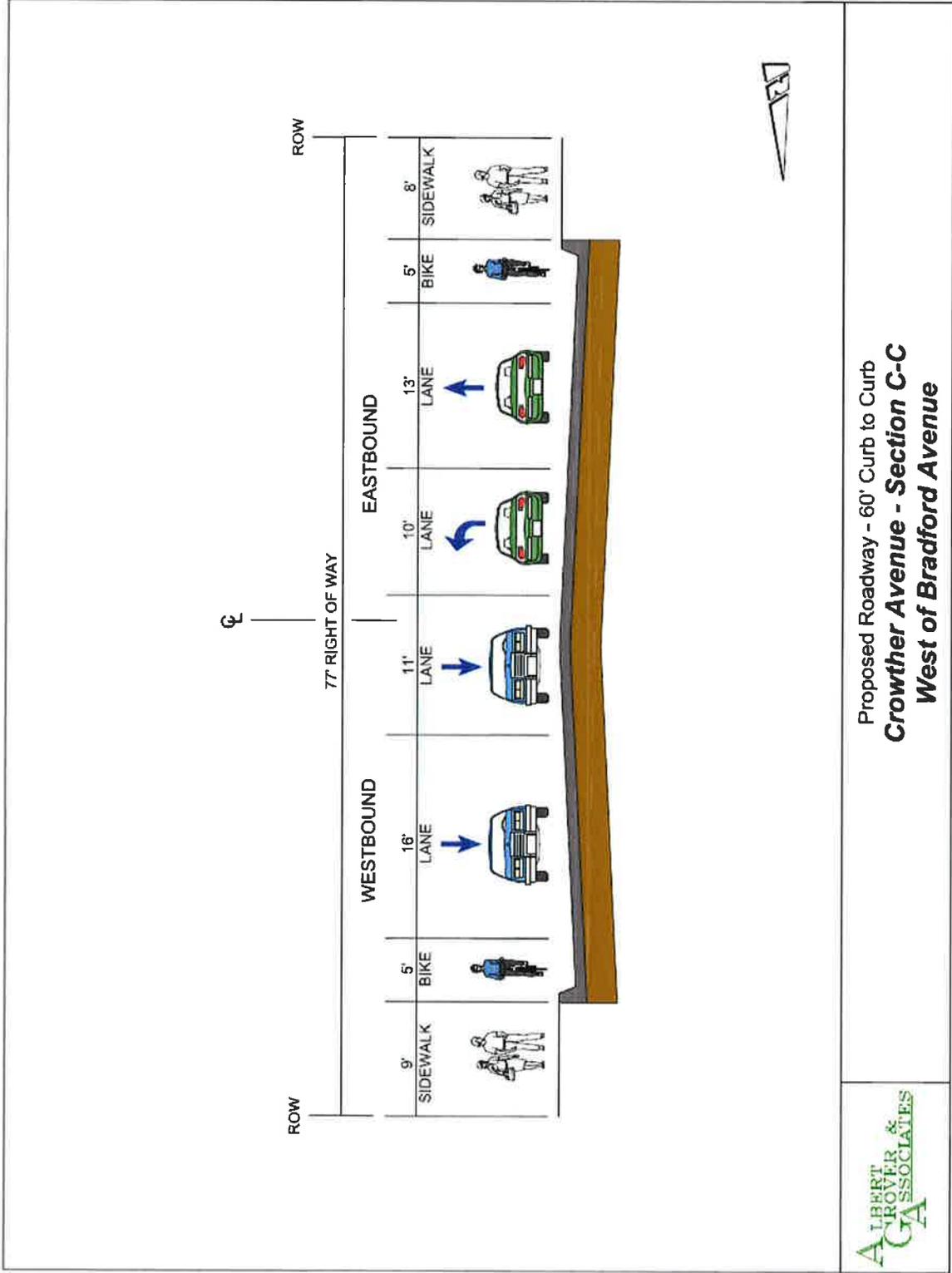


Figure 3 CROWTHER AVENUE CROSS SECTIONS - West To Bradford Ave

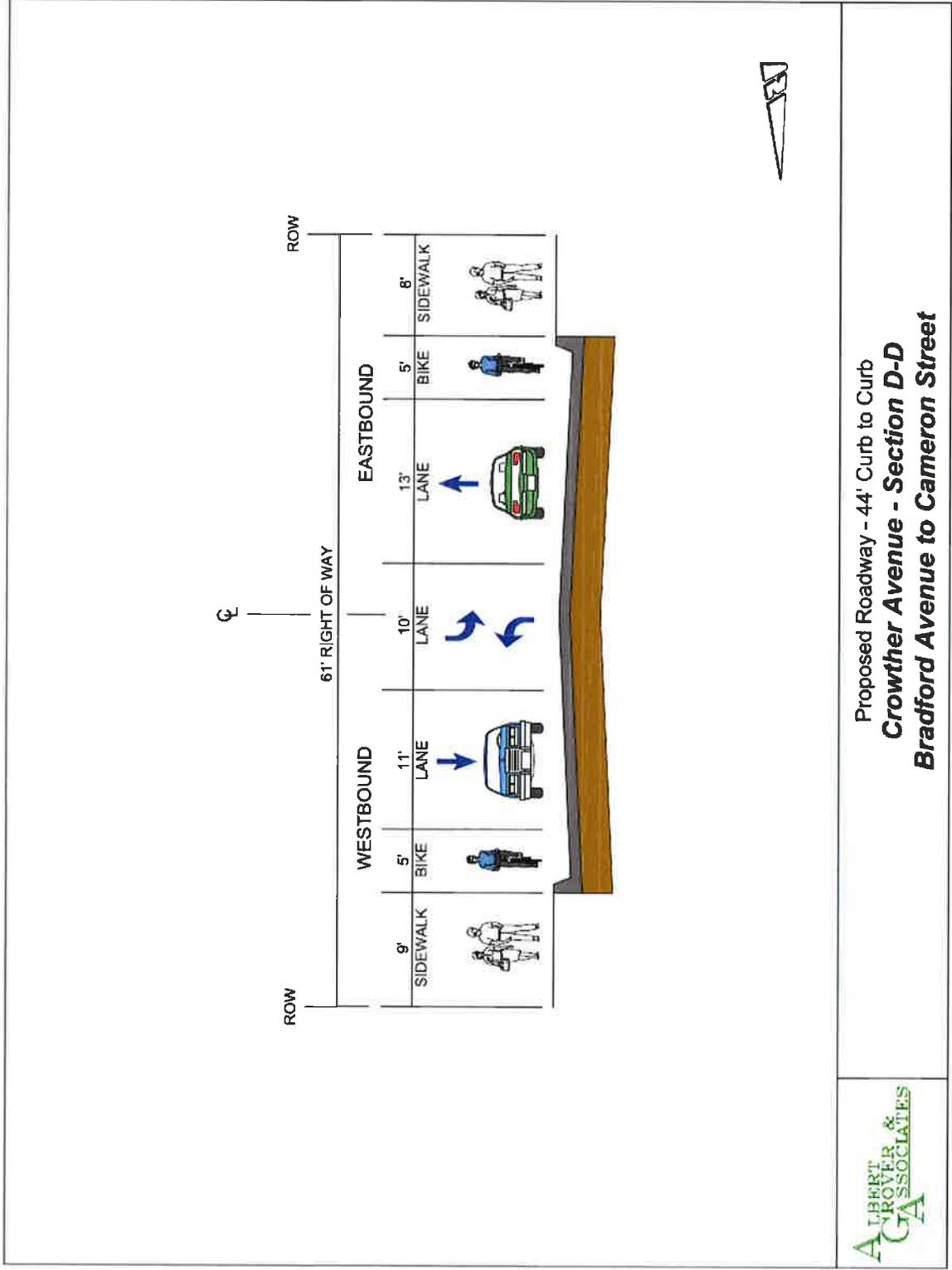


Figure 4 CROWTHER AVENUE CROSS SECTIONS - Bradford to Cameron

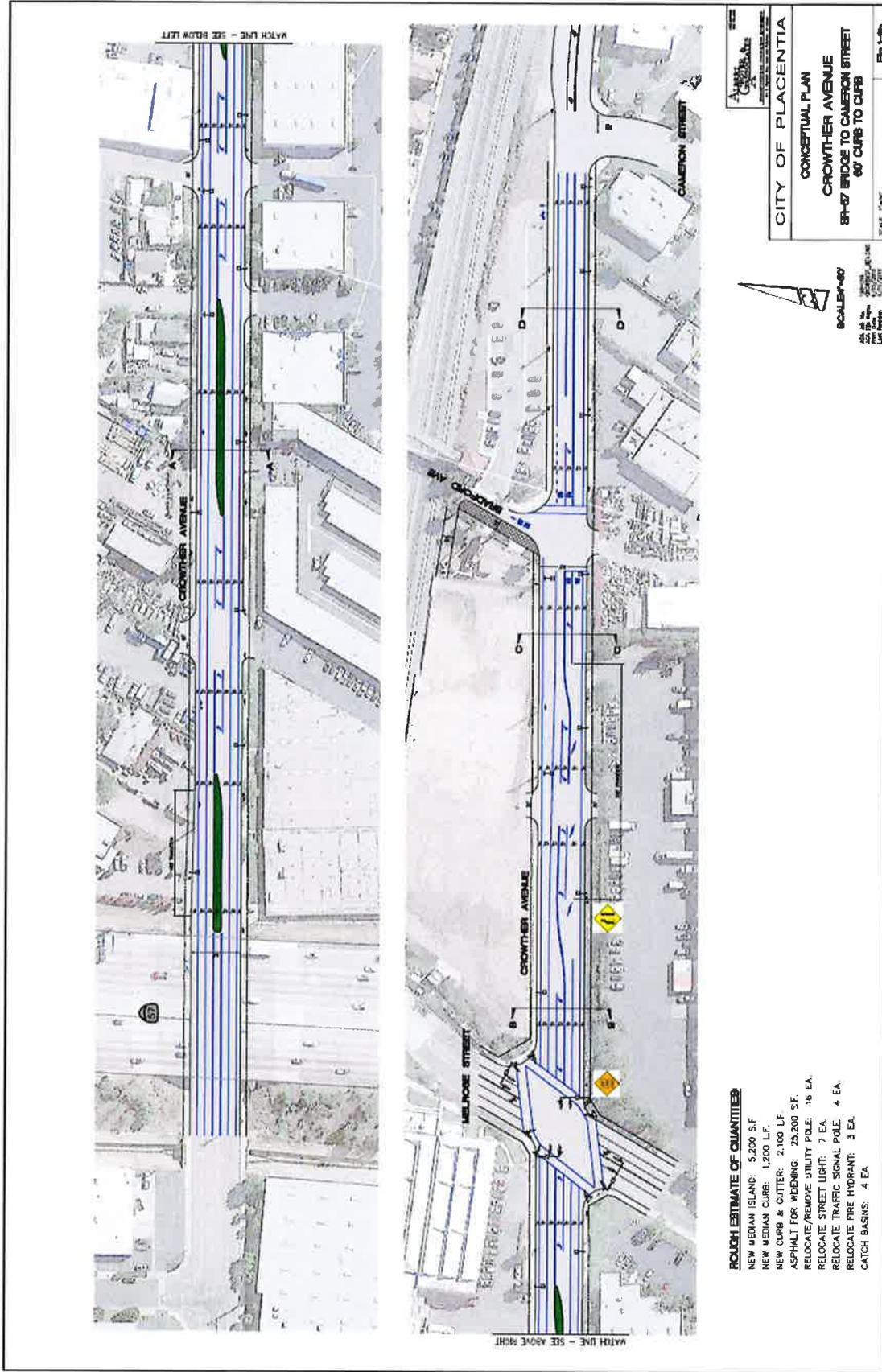


Figure 5 Conceptual ROW Plan Crowther Avenue

FUTURE METROLINK STATION & TRANSIT ORIENTED DEVELOPMENT DISTRICT

GROSS FISCAL IMPACT & ECONOMIC BENEFIT ANALYSIS *PLACENTIA, CA*

Prepared For:



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JUNE 2016



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1.0 Executive Summary

1.1 Background & Purpose

City of Placentia ("City" or "Client") has retained Kosmont Companies ("Kosmont") to prepare a gross fiscal impact and economic benefit analysis ("Analysis") for a proposed Metrolink Station and Transit Oriented Development ("TOD") Packing House District ("Project") in the City. The Project is proposed to include a Metrolink commuter rail station (two platforms), a 255-space aboveground parking structure, a proposed 200 unit multi-family residential project, and other hypothetical future development adjacent and proximate to the proposed commuter rail station. The Project also covers the expanse of a roughly 2.4-acre City-owned site, which is planned for a potential TOD mixed-use development, as well as a proposed 215 unit multi-family residential project west and south of the proposed commuter rail station, respectively.

Kosmont has prepared this Analysis to estimate the primary annual gross fiscal revenues generated for the City, as well as direct, indirect, and induced economic benefits to the local economy resulting from the construction / renovation and ongoing operation of the Project.

1.2 Project Description

The proposed Project involves the revitalization and redevelopment of 27 parcels, which is an approximately 21-acre land area in the heart of the City's historic packing house and proposed TOD district. The proposed Project also includes an aboveground parking structure as well as proposed new development that may include up to 1,000 new dwellings as well as retail and office space. The Project site is generally located east of the 57 freeway, north of Orangethorpe Avenue, at the northeast corner of Melrose Avenue and Crowther Avenue adjacent to the Burlington North Santa Fe (BNSF) railroad tracks as well as other areas north of the BNSF railroad tracks and east and west of Melrose Avenue.

At the Project's core is the planned development of the new Placentia Metrolink station, the 13th station serving the 91 line, which will run from LA Union Station to downtown Riverside. The Placentia Metrolink station is expected to take 15 trips and accommodate 530 passengers daily. Adjacent stations to the proposed Placentia Metrolink station will include the Fullerton station and the West Corona station. The Placentia Metrolink station will be the closest station in proximity to California State University – Fullerton and will provide passengers with an alternative to the Fullerton Metrolink station, in addition to serving as a catalyst for the City's revitalization efforts of the Old Town Santa Fe District and TOD Packing House District.



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The Project site area (“Site”), generally located north of the proposed Metrolink station, is currently zoned Santa Fe Commercial, a designation established to enhance and promote the economic revitalization of Placentia’s original business district, use of historic architectural design, and mixed commercial and residential use. The Site, primarily within the TOD Packing House District, is zoned manufacturing. However, the proposed TOD Packing House District, is contemplating allowing medium to high density residential and mixed-use development to spur revitalization of the area, employment, and supporting services adjacent to the proposed Metrolink station.

Surrounding land uses include industrial and manufacturing south of the intersection of the railroad and the 57 Freeway, medium density residential southeast of the intersection between W. Chapman Avenue and the 57 Freeway (-north of the railroad tracks), as well as retail and office flanking S Bradford Avenue. Ultimately, the Project will provide a mix of land uses that supports transit, providing a high level of public amenities and housing for all economic segments, with a connection to Placentia’s Old Town Santa Fe District.

1.3 Land Use Plan and Construction Cost Estimation

An overview of the Project land use plan is delineated in Table 1.1. The proposed retail, office, and residential developments within the Project are estimated by Kosmont to cost approximately \$250 per square foot, totaling approximately \$243.8 million in construction costs. The additional municipal parking structure and train station costs are estimated at approximately \$34 million based on preliminary information provided by the City.

Table 1.1: Land Use Plan and Construction Cost Estimation

| Private Development Components | Building SF | Estimated Construction Costs | |
|--|--------------------|-------------------------------------|----------------------|
| Retail | 60,000 SF | \$250 PSF | \$15,000,000 |
| Office | 15,000 SF | \$250 PSF | \$3,750,000 |
| Residential | 900,000 SF | \$250 PSF | \$225,000,000 |
| Total Private Development | 975,000 SF | | \$243,750,000 |
| Estimated Parking Structure and Train Station Costs | | | \$34,000,000 |
| Estimated Total Construction Costs | | | \$277,750,000 |
| Estimated Value of Additional Property Improvements | | | \$243,750,000 |

Source: Kosmont Companies (2016)



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1.4 Summary of Findings

At full buildout, the Project is estimated to generate approximately \$949,600 in annual gross fiscal revenues and approximately 255 permanent full-time equivalent (“FTE”) jobs on-site. Table 1.2 provides an overview of gross fiscal impacts and economic benefits.

Table 1.2: Overview of Gross Fiscal Impacts and Economic Benefits

| | |
|--|------------------|
| Annual Gross Fiscal Revenues | \$949,600 |
| 30-Year Nominal Total | \$46,510,500 |
| 30-Year Present Value (6% discount rate) | \$19,175,700 |
| <hr/> | |
| Direct Construction Employment | 1,579 |
| <hr/> | |
| Direct / On-Site Permanent Jobs | 255 |

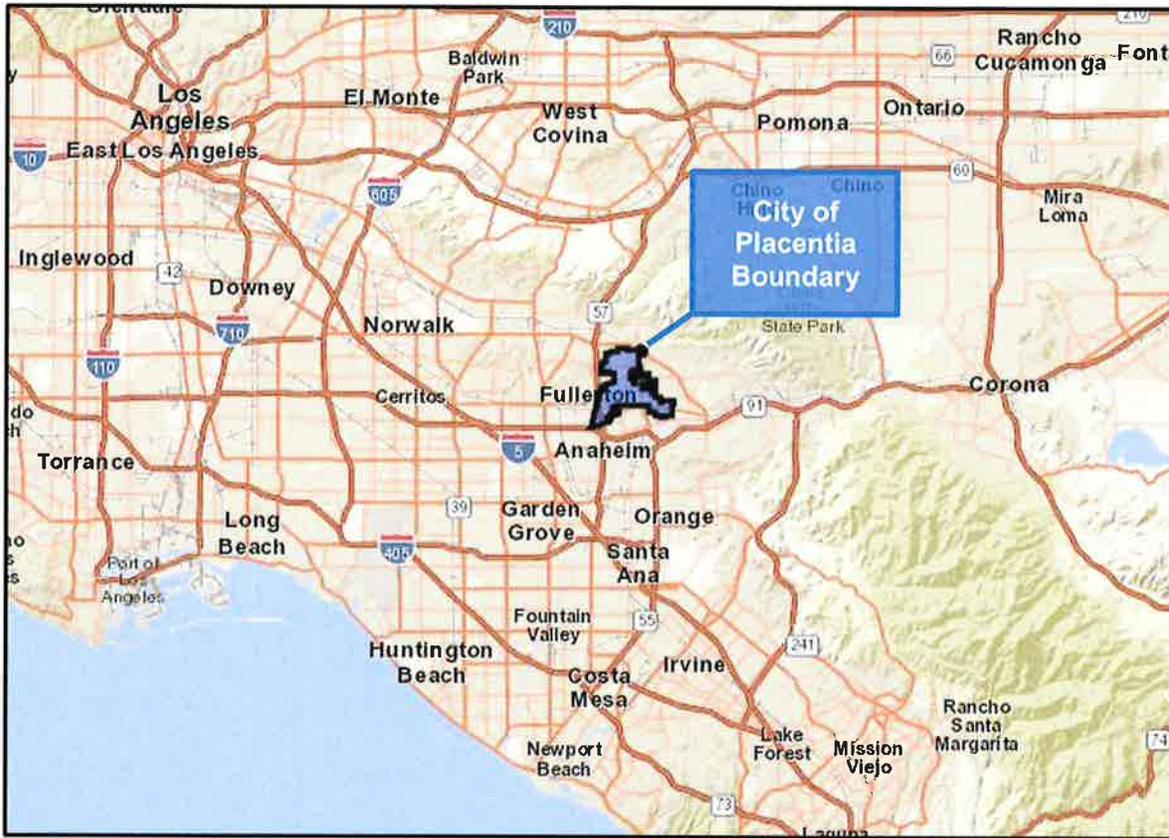
Note: Impacts upon build-out and stabilization (except for construction employment). Present value discounted at 6%. All amounts in 2016 dollars.

A discussion of the methodology and assumptions is provided on the following pages.



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Exhibit 1.1: Regional Map



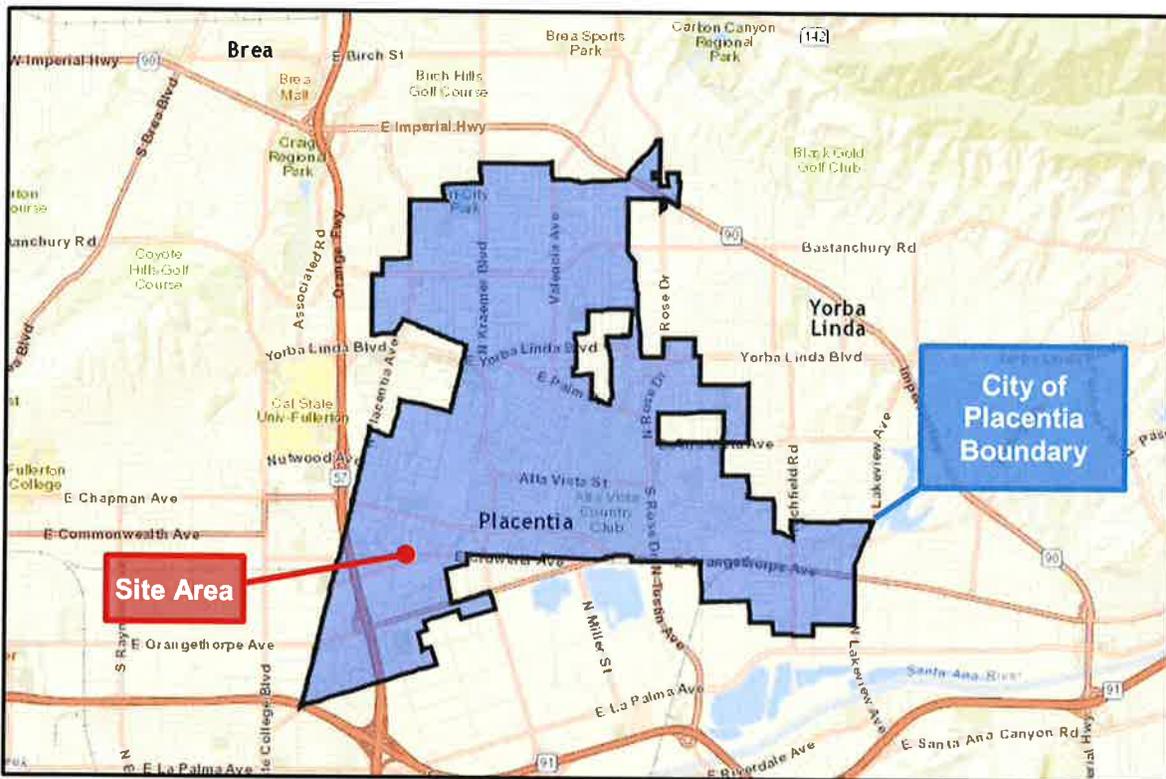
Source: ESRI (2016)



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Exhibit 1.2: Local Map



Source: ESRI (2016)



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2.0 Methodology

This Analysis is based on information provided by the City of Placentia, the IMPLAN Group, the Orange County Property Tax Assessor and Auditor-Controller, the California Board of Equalization (“BOE”), the U.S. Bureau of Labor Statistics (“BLS”), and ESRI.

2.1 General Assumptions

General assumptions are as follows:

- The Analysis measures gross fiscal and economic impacts (unless otherwise noted).
- Fiscal revenues are estimated for full build-out and stabilized occupancy.
- Dollar amounts are expressed in 2016 dollars.
- Construction employment figures are short-term, FTE jobs.
- On-site employment figures are permanent FTE jobs.

2.2 Fiscal Revenue Analysis

2.2.1 Property Tax

Property tax revenues are estimated based on the incremental assessed value of the Project attributed to improvements made during construction / renovation, and the applicable property tax rates for the City as determined by the Orange County Assessor. The Site is located in County tax rate area (“TRA”) 09031. The City general fund receives an approximate 13.4% share of the annual 1.0% general levy placed by the County on the assessed value of the property (\$0.134 of each \$1.00 of property tax revenue) in this TRA. The City Street Lighting Fund receives an additional 3.04% of the 1.0% general levy.

Unsecured property taxes are collected based on the assessed value of real property not affixed to the underlying land, such as business fixtures, and some types of vehicles. The rate of taxation and apportionment is generally the same as for secured property taxes. For the purposes of this Analysis, the assessed value of unsecured property is estimated to be 5% of the assessed value of secured property within the Project area.



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Table 2.1: Overview of Property Tax Estimation

| | | |
|---|--------|----------------------|
| Estimated Value of Additional Property Improvements | | \$243,750,000 |
| Property Tax Rates | | |
| General Levy – Secured | 1.00% | \$2,437,500 |
| <u>Distributions - Secured Property Tax</u> | | |
| City General Fund | 13.40% | \$326,542 |
| City Street Lighting Fund | 3.04% | \$74,190 |
| Total City Distributions - Secured | 16.44% | \$400,732 |
| Unsecured Property as Percent of Secured | | 5.0% |
| Estimated Unsecured Property Taxes to City | | \$20,037 |
| Total Incremental Property Tax to City (Secured + Unsecured) | | \$420,800 |

Source: City of Placentia, Kosmont Companies (2016)

2.2.2 Property Tax In-Lieu of Motor Vehicle License Fees (“VLF”)

Prior to 2004, a percentage of State of California VLF was distributed to cities and counties. As part of the State Budget Act of 2004, the State reduced the VLF rate, and in order to offset the reduction of VLF revenue to cities and counties, the State increased the city and county allocation of property tax revenue, funded from the Educational Revenue Augmentation Fund (“ERAF”). The amount of property tax in-lieu of VLF to be distributed to cities and counties was calculated by the State for the 2004-05 fiscal year, and increases each year directly proportional to the change in gross assessed valuation of taxable property in each jurisdiction from the prior year. Property Tax In-Lieu of VLF resulting from the Project is estimated based on the incremental amount of assessed value that the Project renovations add to the City, thereby increasing the City’s apportionment of property tax in-lieu of VLF.

Table 2.2: Overview of Property Tax In-Lieu of VLF

| | | |
|---|--|-----------------|
| Estimated Value of Additional Property Improvements | | \$243,750,000 |
| Total Assessed Value within City (2015-16) | | \$5,878,472,691 |
| Percent Share / Increase in Assessed Value | | 4.1465% |
| Estimated Property Tax In-Lieu of VLF (2015-16) | | \$2,195,125 |
| Incremental Project Tax In-Lieu of VLF | | \$91,000 |

Source: City of Placentia, Kosmont Companies (2016)



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2.2.3 Sales and Use Tax (On-Site / Direct)

On-site / direct sales tax revenue projections are estimated based on the taxable sales generated on-site within the sales-generating retail components of the Project and the City's sales tax apportionment of 1.0%. Project retail components are projected to generate taxable sales based on estimated square-footages and standard industry sales-per-square-foot assumptions. Kosmont estimates the retail components of the Project to cover 60,000 square feet and generate taxable sales at a rate of \$350 per square foot. In addition to sales tax, the City receives use tax revenues, levied on shipments into the State and on construction materials for new development not allocated to a situs location. Use tax is allocated by the BOE to counties and cities based on proportion of countywide and statewide direct taxable sales. Use tax revenues to the City are estimated at an additional 11 percent of point-of-sale taxable sales (see Appendix B).

2.2.4 Sales and Use Tax (Off Site / Indirect)

Off-site / indirect sales tax revenue projections are estimated based on the taxable sales generated by the spending of employees and residents of the Project within the City. Spending is based on BLS Consumer Expenditure Survey data, which provides spending habits of consumers based on household income. The estimated percent of taxes captured directly on-site within the boundaries of the Project is assumed to be 10 percent of total indirect taxable sales. Capture rates for spending by employees within the City are approximated by Kosmont based on preliminary evaluation of existing retail amenities within the local trade area. In addition to indirect sales tax, use tax revenues to the City are estimated at an additional 11 percent of point-of-sale taxable sales based on calendar year 2016 apportionments of citywide, countywide, and statewide taxable sales (see Appendix C).

2.2.5 Franchise Fees and Fines & Forfeitures

Revenues from franchise fees and fines and forfeitures are estimated on a per capita basis based on the City Fiscal Year 2015-2016 Adopted Budget and the relevant resident/employee service population(s) within the City. For the purpose of revenue budget allocation, total employees within the City (as estimated by ESRI) are multiplied by an equivalency factor of 0.5 to arrive at a number of equivalent residents to be considered along with actual City residents as the service population for certain City revenues. The per capita factor estimate for franchise fees is \$38.63, which when multiplied by the project service population, implies \$78,300 in revenues. For Fines & Forfeitures, the per capita factor estimate is \$8.01, which when multiplied by the project service population, yields \$16,200 in annual revenues.



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2.2.6 Utility User Tax

A utility user tax of 3.5% is levied on cable, cellular, electric, gas, and telephone. The tax is levied by the City, and then collected by the relevant utility as a part of its regular billing procedure. The utility then sends the tax it has collected on behalf of the City to the City. Utility service providers in the City include but are not limited to AT&T, Southern California Edison and Time Warner Cable. Revenues from the utility user tax are also estimated on a per capita basis based on the City's Fiscal Year 2015-2016 Adopted Budget and the relevant resident/employee service population(s) within the City. The per capita factor for Utility Users Tax is \$27.92, when multiplied by the project service population, yields \$96,300 in annual revenues.

2.2.7 Business License Tax

The City mandates an annual business license tax as terms for conducting business within the City. The Business License Tax Revenue from the City's gross receipts tax and rental property tax is estimated by Kosmont referencing the City's Fiscal Year 2015-2016 Adopted Budget for the relevant employee service population(s) within the City. The project-induced employee population multiplied by the per capita Business License Tax factor of \$47.49 yields \$7,100 in annual revenues.

2.3 IMPLAN Modeling

This analysis uses the IMPLAN (IMppact analysis for PLANning) econometric input/output model developed by the IMPLAN Group to quantify the economic impact to the local region from Project construction / renovation and ongoing operations. This proprietary model estimates the economic benefits on the industries in a given geographic area based on known economic inputs, such as construction costs. The model estimates direct, indirect, and induced benefits expressed in terms of increased economic activity ("output"), earnings ("labor income"), and job creation.

Direct Economic Benefits: Direct benefits refer to the short-term business activity of general contractors involved in Project construction / renovation and the ongoing business activities of Project tenants.

Indirect Economic Benefits: Indirect benefits will result when local firms directly impacted by the Project in turn purchase materials, supplies or services from other firms. Examples would include increased sales of building materials as a result of construction activity and increased sales of inputs related to the business operations of tenants within the Project.



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Induced Economic Benefits: Induced benefits relate to the consumption spending of employees of firms that are directly or indirectly affected by the Project. These would include all of the goods and services normally associated with household consumption (e.g., housing, retail purchases, local services, etc.).

Inputs for the IMPLAN economic benefit analysis include the construction / renovation budget and permanent on-site employment information provided by the City, as well as estimations made by Kosmont based on similar projects and industry standard per-square-foot employment densities for corresponding land use types.



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3.0 Fiscal and Economic Impacts

3.1 Annual Fiscal Revenue Impacts

The Project is expected to generate approximately \$949,600 in annual gross fiscal revenues to the City, comprised primarily of sales tax (off-site and on-site) and incremental property tax from increased property value attributed to Project renovation activities. To calculate the present value of future fiscal benefits, the various fiscal revenues were projected for a 30-year period. Property tax and property tax in-lieu of VLF revenues were escalated using a two percent growth factor (statutory maximum), and sales, franchise fees, fines and forfeitures, business license, and utility user revenues were escalated using a 3.0% growth factor. A discount rate of 6.0% was used to estimate the present value of future fiscal revenues. The 30-year present value of annual gross fiscal revenues generated by the Project is approximately \$19,175,700. Table 3.1 summarizes the gross fiscal impacts from the Project.

Table 3.1: Summary of Annual Gross Fiscal Impacts

| | Estimated Annual Total | Estimated Annual Growth | 30-Year Nominal Total | 30-Year Present Value |
|------------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------------|
| Primary Fiscal Revenues | | | | |
| Property Tax | 420,800 | 2.00% | \$17,071,000 | \$7,202,200 |
| Property Tax In-Lieu of VLF | 91,000 | 2.00% | \$3,691,700 | \$1,557,500 |
| Sales Tax (Off-Site) | 110,200 | 3.00% | \$5,242,800 | \$2,120,900 |
| Sales Tax (On-Site) | 233,100 | 3.00% | \$11,089,800 | \$4,486,300 |
| Franchise Fees | 78,300 | 3.00% | \$3,725,200 | \$1,507,000 |
| Fines & Forfeitures | 16,200 | 3.00% | \$770,700 | \$311,800 |
| Business License Tax | 7,100 | 3.00% | \$337,800 | \$136,600 |
| Utility User Tax | 96,300 | 3.00% | \$4,581,500 | \$1,853,400 |
| Total Gross Fiscal Revenues | \$949,600 | | \$46,510,500 | \$19,175,700 |

Notes: Calculation is for a 30-year period beginning after stabilization. Present value discounted at 6.0%. Values in 2016 dollars.

Source: Orange County Auditor-Controller, California Board of Equalization; City of Placentia, Kosmont Companies; Bureau of Labor Statistics, ESRI (2016).



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3.2 Construction-Related Economic Benefits

Construction of the Project is estimated to generate approximately 2,684 construction-related jobs, approximately \$218.1 million in labor income, and approximately \$446.1 million in economic output through direct, indirect, and induced economic activity countywide. Table 3.2 summarizes the economic benefits from construction of the Project.

Table 3.2: Summary of Economic Benefits from Construction

| Economic Benefits from Construction (One-Time / Short-Term) | | | |
|--|-------------------|----------------------|------------------------|
| | Employment | Labor Income | Economic Output |
| Direct (On-Site) | 1,579 | \$148,466,728 | \$276,736,184 |
| Indirect | 469 | \$33,762,849 | \$74,972,970 |
| Induced | 636 | \$35,902,258 | \$94,423,424 |
| Total Countywide | 2,684 | \$218,131,835 | \$446,132,594 |
| Estimated City Capture | 1,690 | \$155,433,239 | \$293,675,823 |

Notes: 100% of direct benefits estimated to be captured on-site within the City. 10% of indirect and induced benefits estimated to be captured off-site within the City. Estimated benefits during construction period. Values in 2016 dollars.

Source: IMPLAN, Kosmont Companies (2016)



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3.3 Economic Benefits from Ongoing Operation

Upon build-out and stabilization, operation of the Project is estimated to generate approximately 333 permanent jobs (including 255 direct on-site jobs), approximately \$16.5 million in labor income, and approximately \$36.7 million in economic output through direct, indirect, and induced economic activity countywide. Table 3.3 summarizes the economic benefits from ongoing operation of the Project.

Table 3.3: Summary of Economic Benefits from Ongoing Operations

| Economic Benefits from Ongoing Operation (Annual) | | | |
|--|-------------------|---------------------|------------------------|
| | Employment | Labor Income | Economic Output |
| Direct (On-Site) | 255 | \$11,921,858 | \$24,980,252 |
| Indirect | 30 | \$1,862,427 | \$4,534,384 |
| Induced | 48 | \$2,728,812 | \$7,178,010 |
| Total Countywide | 333 | \$16,513,097 | \$36,692,644 |
| Estimated City Capture | 263 | \$12,380,982 | \$26,151,491 |

Notes: 100% of direct benefits estimated to be captured on-site within the City. 10% of indirect and induced benefits estimated to be captured off-site within the City. Estimated annual ongoing benefits upon build-out and stabilization. Values in 2015 dollars.

Source: IMPLAN, Kosmont Companies (2016)



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4.0 Appendices

Appendix A: Overview of Consumer Spending

| | Retail Employees | | Office Employees | | Housing Employees | | Residents | |
|--|------------------|-----------------|------------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Est. Average HH Income (pre-tax): | \$36,000 | | \$85,000 | | \$45,000 | | \$75,700 | |
| Annual Expenditures | Percent | Amount | Percent | Amount | Percent | Amount | Percent | Amount |
| Food at home* | 10.0% | \$3,598 | 6.7% | \$5,726 | 10.0% | \$4,498 | 5.2% | \$3,931 |
| Food Away from Home | 5.3% | \$1,915 | 4.3% | \$3,656 | 5.3% | \$2,394 | 3.9% | \$2,984 |
| Alcoholic Beverages | 0.9% | \$326 | 0.6% | \$550 | 0.9% | \$408 | 0.8% | \$569 |
| Fuel oil and other fuels | 0.3% | \$100 | 0.3% | \$226 | 0.3% | \$126 | 0.2% | \$159 |
| Other household expenses | 1.5% | \$556 | 1.1% | \$953 | 1.5% | \$695 | 0.9% | \$709 |
| Housekeeping Supplies | 1.3% | \$481 | 1.1% | \$897 | 1.3% | \$602 | 0.8% | \$641 |
| Household Furn & Equip | 3.2% | \$1,143 | 2.9% | \$2,438 | 3.2% | \$1,429 | 2.3% | \$1,703 |
| Apparel & Services | 4.2% | \$1,520 | 3.0% | \$2,533 | 4.2% | \$1,900 | 2.5% | \$1,886 |
| Vehicle Purchases | 5.7% | \$2,058 | 4.9% | \$4,126 | 5.7% | \$2,572 | 5.0% | \$3,785 |
| Gasoline & Oil | 6.5% | \$2,326 | 5.0% | \$4,244 | 6.5% | \$2,908 | 4.1% | \$3,069 |
| Maintenance & Repairs** | 1.8% | \$663 | 1.5% | \$1,294 | 1.8% | \$828 | 1.3% | \$976 |
| Drugs** | 1.2% | \$441 | 0.9% | \$767 | 1.2% | \$551 | 0.6% | \$492 |
| Medical supplies*** | 0.3% | \$102 | 0.2% | \$168 | 0.3% | \$128 | 0.2% | \$141 |
| Entertainment | 4.9% | \$1,755 | 4.8% | \$4,056 | 4.9% | \$2,193 | 3.8% | \$2,865 |
| Personal care products & services | 1.4% | \$496 | 1.0% | \$889 | 1.4% | \$620 | 0.9% | \$703 |
| Reading | 0.2% | \$79 | 0.2% | \$189 | 0.2% | \$98 | 0.2% | \$128 |
| Tobacco related | 1.1% | \$392 | 0.7% | \$562 | 1.1% | \$490 | 0.5% | \$341 |
| Total Taxable Spending | 39.6% | \$14,300 | 32.1% | \$27,251 | 39.6% | \$17,800 | 27.6% | \$20,900 |
| Total Taxable and Non-Taxable | 49.9% | \$18,000 | 39.1% | \$33,300 | 49.9% | \$22,400 | 33.1% | \$25,100 |

Notes: Employee income based on BLS data by industry and county. Resident household income based on City average household income as estimated by ESRI.

* 15% of "Food at home" purchases assumed to be taxable

** 50% of "Maintenance & Repairs" and "Drugs" purchases assumed to be taxable

*** 25% of "Medical supplies" purchases assumed to be taxable

Source: ESRI, BLS, City of Placentia, Kosmont Companies (2016)



The analyses, projections, assumptions, rates of return, and any examples presented herein are for illustrative purposes and are not a guarantee of actual and/or future results. Project pro forma and tax analyses are projections only. Actual results may differ from those expressed in this analysis.

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Appendix B: Overview of On-Site Sales Tax

| Sales Generating Components | # SF | PSF Taxable Sales | Annual Taxable Sales |
|---|------------------|--------------------------|-----------------------------|
| General Retail | 60,000 SF | \$350 PSF | \$21,000,000 |
| Total | 60,000 SF | | \$21,000,000 |
| Annual Sales Tax to City | | 1.0% | \$210,000 |
| Annual Use Tax as % of Sales Tax | | 11.0% | \$23,100 |
| Total Sales and Use Tax to City (On-Site / Direct) | | | \$233,100 |

Source: BOE, City of Placentia, Kosmont Companies (2016)



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Appendix C: Overview of Off-Site Sales Tax

| | | |
|---|-------|---------------------|
| Retail Employees | | |
| Estimated Annual Taxable Spending / Empl. | | \$14,300 |
| Estimated Capture within City | 25% | \$3,575 |
| Estimated # Employees | | 180 |
| Total Employee Taxable Spending within City | | \$644,144 |
| Office Employees | | |
| Estimated Annual Taxable Spending / Empl. | | \$27,251 |
| Estimated Capture within City | 25% | \$6,813 |
| Estimated # Employees | | 55 |
| Total Employee Taxable Spending within City | | \$371,604.48 |
| Housing Employees | | |
| Estimated Annual Taxable Spending / Empl. | | \$17,800 |
| Estimated Capture within City | 25% | \$4,450 |
| Estimated # Employees | | 20 |
| Total Employee Taxable Spending within City | | \$89,000 |
| Resident Households | | |
| Estimated Annual Taxable Spending / HH | | \$20,900 |
| Estimated Capture within City | 50% | \$10,450 |
| Estimated # Occupied Households | | 950 |
| Total Household Taxable Spending within City | | \$9,927,500 |
| Total Indirect Taxable Sales | | \$11,032,249 |
| Estimated % Capture On-Site | | (10%) |
| Less Estimated Capture On-Site | | (\$1,103,225) |
| Total Off-Site / Indirect Taxable Sales | | \$9,929,024 |
| Annual Sales Tax to City | 1.0% | \$99,290 |
| Projected Use Tax as % of Sales Tax | 11.0% | \$10,922 |
| Annual Sales & Use Tax to City (Off-Site / Indirect) | | \$110,200 |

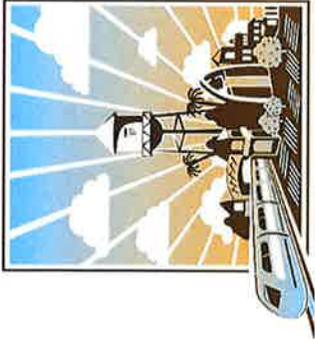
Notes: The estimated percent of taxes captured directly on-site within the boundaries of the project is assumed to be 10 percent of total indirect taxable sales. Use tax revenues to the City are estimated at an additional 11 percent of point-of-sale taxable sales.

Source: BOE, ESRI, City of Placentia, Kosmont Companies (2016)



The analyses, projections, assumptions, rates of return, and any examples presented herein are for illustrative purposes and are not a guarantee of actual and/or future results. Projections are for illustrative purposes only. Actual results may differ from those expressed in this analysis.

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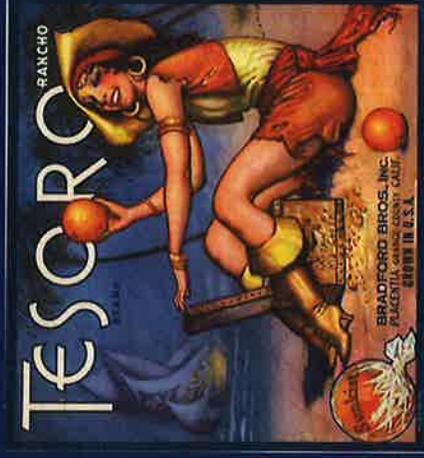


PLACENTIA

Rich Heritage, Bright Future

PACKING HOUSE DISTRICT TRANSIT ORIENTED DEVELOPMENT ZONING AMENDMENT

City Council Study Session
November 15, 2016



Today's Agenda

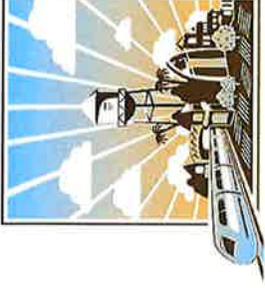
1. Background & Setting
2. What is Transit Oriented Development
3. Overview of TOD Zone Components
4. Next Steps



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Background

New development interest around the new Metrolink Station requires up-to-date Development Standards to support Transit Oriented Development (TOD). We want to establish development standards designed to facilitate high-quality development while creating a destination for residents and visitors.



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Setting the Stage for TOD



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Plan for
Metrolink
Station
Begins



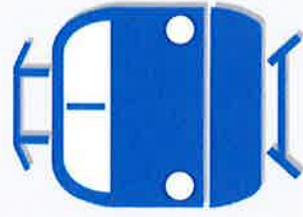
TOD &
Old Town
Placentia Plan
Begins



2005

2005

Melrose
Underpass
& Streetscape
Improvements



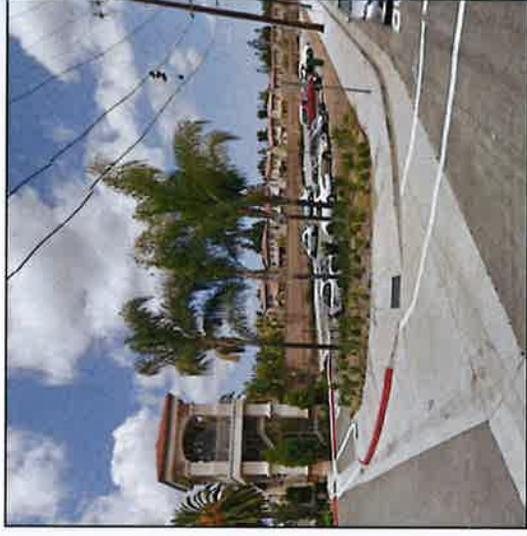
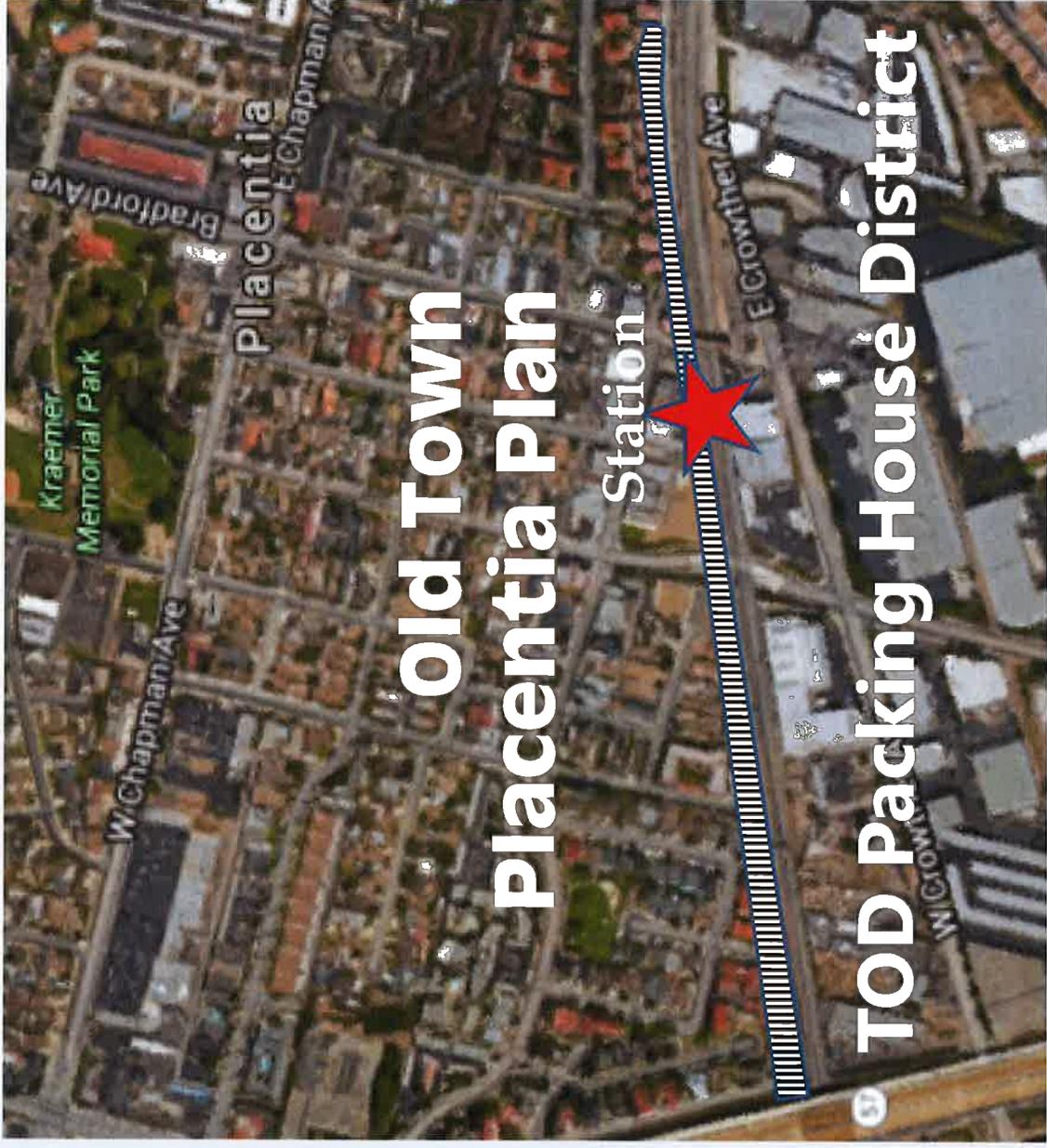
2009

Pedestrian Bridge
to Old Town &
Westgate Specific
Plan

2015



A Plan for Two Distinct Destinations with Metrolink as the Hub



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New Metrolink Station & 253 Space Parking Structure (2020 Completion)

1. 13th station serving 91 Line, runs from LA Union Station to DT Riverside
2. Alternative to Fullerton Station on 91 Line
3. Estimated 10 trips and 530 passengers daily
4. Closest station to California State University, Fullerton
5. Integral part of City's revitalization efforts for Old Town Placentia
6. Public/Private partnership opportunities

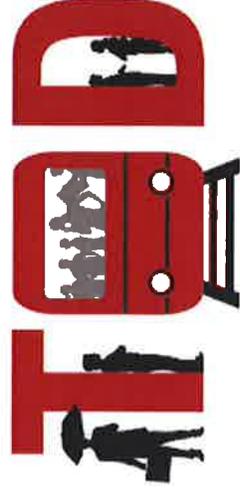


What is Transit-Oriented Development (TOD)?

- Development that provides a complementary mix of land uses.
- Minimizes use of automobile
- Encourages other modes of transportation (transit, walking, biking) to and between destinations.
- Key Characteristics:
 - Mix of uses adjacent to transit stop
 - High density residential
 - Lower parking standards
 - Pedestrian environment
 - Active streetscape, amenities for bikes and buses
 - Pedestrian/transit rider given priority

How does TOD really work?

- Residents own fewer cars compared to the “burbs”
- Residents prefer/depend on transit
- Visitors enjoy walking and experiencing the TOD District
 - Visitors “Park Once”, not ‘Stop Once”
- Buildings and streets are designed for the pedestrian
 - Ground floor retail and restaurants
 - Inviting streetscapes
 - Bicycle Lanes
- TODs help preserve household income
- TODs lower regional congestion, air pollution and GHG emissions
- TODs increase property values



Examples of TOD & High Density

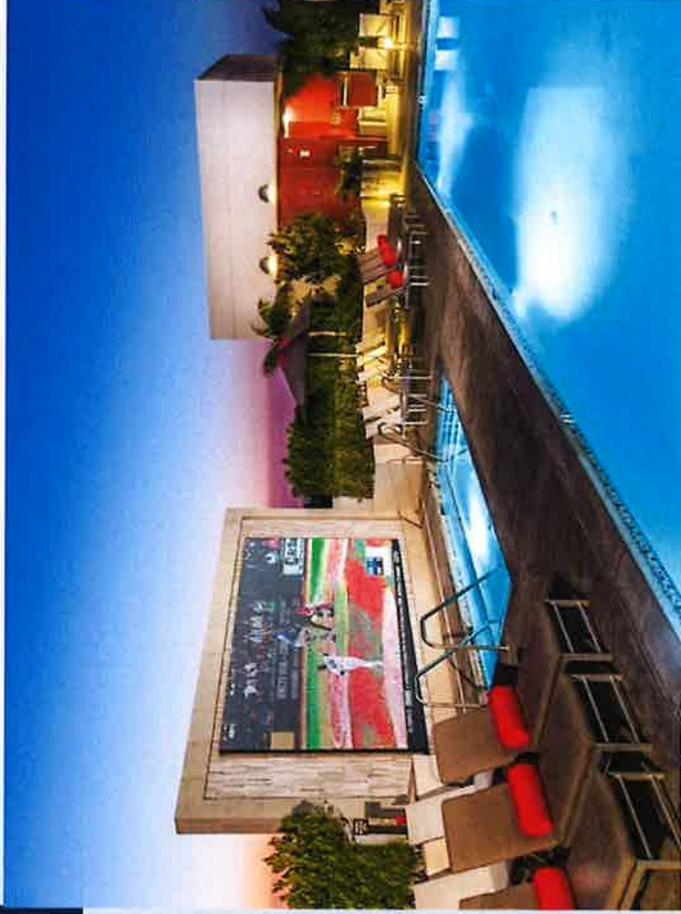


- 4-5 Stories
- All Residential or Residential above Retail.
- Highly walkable and pedestrian-friendly
- Within walking distance of mass transit

Examples of TOD & High Density



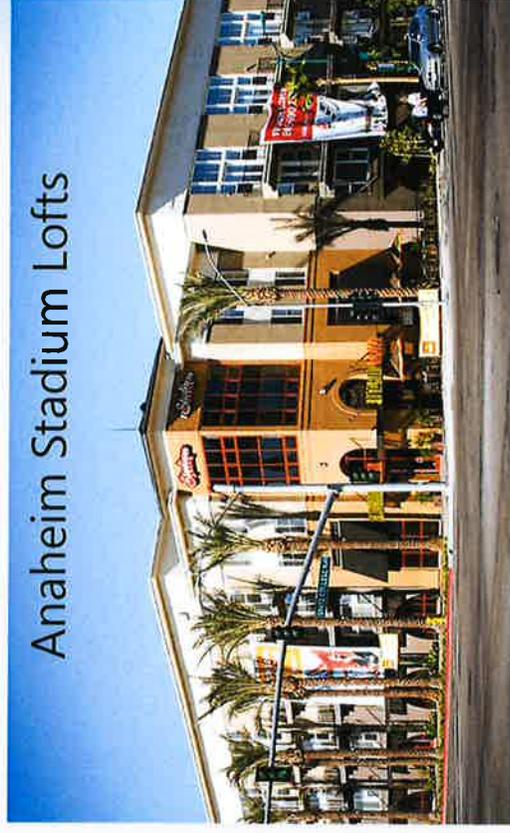
- *Rooftop amenities*
- *Shared "park-once" parking garages*
- *Multi-modal friendly*
- *Ample public and private open space*



TOD History & Plan Features

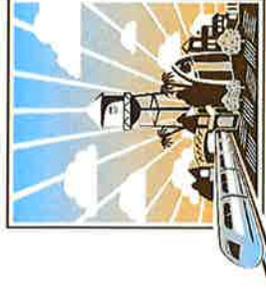
Moving Forward

- Westgate Specific Plan Draft completed in 2006, Not Adopted
- Intended to revitalize Placentia's core and transform it into a vibrant TOD.
- Key concepts from Plan carried forward:
 - Make great public spaces
 - Make great streets
 - Live and work above stores
 - Build a variety of buildings
 - Create a variety of housing
 - Get the retail right
 - Park-once strategy
 - Adaptively reuse Packing House



Placentia TOD Zoning Text Amendment

- Purpose and Intent
- Highlights
- Existing Conditions
- Permitted Land Uses
- Development Standards
- Parking Standards
- Public Realm Guidelines
- Public Infrastructure (Funding & Maint.)
- Economic Benefits



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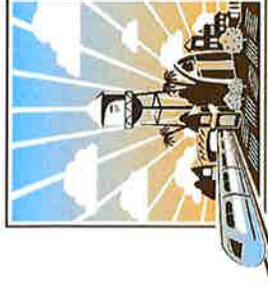
Purpose and Intent

- Use the Metrolink Station as the hub
- Create an active, vibrant, pedestrian environment
- Insist on high quality architecture & urban design
- Redevelop the area, connect with Old Town
- Focus on walking, biking and transit use
- Slow down traffic
- Reuse the Packing House in an exciting way
- Promote high density residential and a mix of commercial/service uses
- Promote a high level of public amenities, public art, creative public places
- Integrate development/consolidate parcels
- Grow our local economy

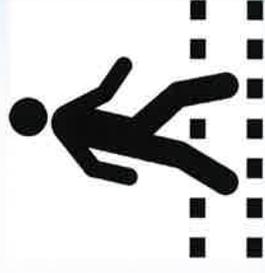


Highlights

- Mixed-Use development
- Higher Density residential development
- Greater height for buildings
- Refined list of land uses: active commercial and multi-family
- Fewer parking spaces required, including a "maximum number"
- Public art and plazas encouraged
- Improved signage
- Developer to finance street improvements



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Existing Conditions

- 27 Parcels – 21 Acres
- Mix of Uses
- Wide range in lot sizes
- 1-2 Stories
- Auto Dominant
- Several Illegal
- Nonconforming properties
- Several in Disrepair
- Beautiful Packing House



TOD Parking



- Different model of parking than suburban neighborhoods.
- TOD parking means more walking around which is better for the businesses and the pedestrian experience.
- Likely residents in TOD – “millennials,” “empty-nesters,” students, self-employed and others who are less car dependent.
- TOD parking levels encourage train ridership and other modes of transport (biking, rideshares like Uber, Lyft, shared parking, zipcar, etc)
- TOD caters to individuals or small families; not a traditional single family neighborhood and therefore does not need as much parking.
- For other city’s TOD areas, one vehicle per household or less is common. Placentia’s plan will require more.



TOD Parking – Other TOD Areas

| Anaheim Platinum Triangle | Parking Standard |
|---------------------------|------------------|
| Studio Unit | 1.25 |
| 1 Bedroom Unit | 1.5 |
| 2 Bedroom Unit | 2.0 |
| 3 Bedroom Unit | 2.5 |
| Guest Parking | 0 |

| Fullerton Transportation Specific Plan | Parking Standard |
|--|------------------|
| Studio Unit | 1.5 |
| 1 Bedroom Unit | 1.75 |
| 2 Bedroom Unit | 2.25 |
| 3 Bedroom Unit | 2.75 |
| Guest Parking | 0 |
| Live/Work | 15% Reduction |

| Santa Ana Metro East MU Overlay Active Urban District | Parking Standard |
|---|------------------|
| Per Unit (Mixed Used with Less than 10% Commercial) | 2.0 |
| Guest Parking | 0 |
| Per Unit (Mixed Used with more than 10% Commercial) | 2.25 |

| Willowbrook TOD Specific Plan | Parking Standard |
|-------------------------------|---|
| Studio Unit | 0.6 min./1.0 max |
| 1 Bedroom Unit | 0.9 min./1.5 max |
| 2 Bedroom Unit | 1.20 min./2.0 max |
| Guest Parking (per unit) | 0.15 min./0.25 max (if over 1, then not required) |

| Vermont/Western TOD | Parking Standard |
|--------------------------|-------------------|
| 1-3 Bedrooms | 1.0 min/1.5 max |
| 4+ Bedrooms | 1.5 min/2 max. |
| Guest Parking (per unit) | 1.25 min/1.5 max. |

| Pasadena TOD | Parking Standard |
|------------------|--------------------|
| Less than 650 SF | 1.25 |
| More than 650 SF | 1.5 min/1.75 max. |
| Guest Parking | 1.0 Space/10 Units |

TOD Parking – Other TOD Areas

| Placentia TOD Parking Requirements | Parking Standard |
|------------------------------------|----------------------------|
| Studio Unit | 1 min./1 max. |
| 1 Bedroom Unit | 1 min./1.5 max. |
| 2 Bedroom Unit | 1.5 min./2 max. |
| 3 Bedroom Unit | 2 min./2.5 max. |
| Guest Parking | 2 min./3 max. per 10 units |

| Placentia R-3 Parking Requirements | Parking Standard |
|------------------------------------|-------------------------------|
| Per Dwelling Unit | 2 spaces |
| Guest Parking | 15% of total parking required |

| Placentia R-1 Parking Requirements | Parking Standard |
|------------------------------------|------------------|
| Per Dwelling Unit | 2 spaces |
| 5+ Bedrooms | 3 spaces |
| Guest Parking | 0 |

- Parking Demand Study required for any Variance from adopted TOD standards
- Additional parking requirements set forth for all other uses (retail, office, etc.)



Existing Vs. Proposed Development Standards

| STANDARD | EXISTING CODE Manufacturing (M) | PROPOSED CODE Transit Oriented Development (TOD) | | |
|--|---|---|---|---|
| DENSITY | <ul style="list-style-type: none"> Residential Not Permitted | <ul style="list-style-type: none"> High Density 65-95 du/ac | | |
| SETBACKS | <ul style="list-style-type: none"> Front: 1 ft for each 2 ft of height (min 15 ft) Side/Rear: 1 ft for each 2 ft of height (min 10 ft next to Residential & 15 ft next to right-of-way) | <ul style="list-style-type: none"> Front: 15 ft min/max Side: 5 ft min (10 ft if facing Residential) Rear: 10 ft | | |
| HEIGHT | <ul style="list-style-type: none"> 54 feet (4-5 stories) | <ul style="list-style-type: none"> 35-67 feet (3-5 stories) | | |
| <table border="0"> <tr> <td style="vertical-align: top;"> Height Limit Fullerton: 60-80 Feet Santa Ana: No Maximum Anaheim: 100 Feet/No Maximum </td> <td style="vertical-align: top;"> Density (Residential) Fullerton: 20-65 du/ac Santa Ana: N/A Anaheim Gateway: 59 du/ac </td> </tr> </table> | | | Height Limit Fullerton: 60-80 Feet Santa Ana: No Maximum Anaheim: 100 Feet/No Maximum | Density (Residential) Fullerton: 20-65 du/ac Santa Ana: N/A Anaheim Gateway: 59 du/ac |
| Height Limit Fullerton: 60-80 Feet Santa Ana: No Maximum Anaheim: 100 Feet/No Maximum | Density (Residential) Fullerton: 20-65 du/ac Santa Ana: N/A Anaheim Gateway: 59 du/ac | | | |

Existing Vs. Proposed Land Uses

| STANDARD | EXISTING CODE Manufacturing (M) | PROPOSED CODE Transit Oriented Development (TOD) |
|--------------------------------|---|---|
| <p>PERMITTED LAND USES</p> | <ul style="list-style-type: none"> • Agricultural Crops • Emergency Shelters • Motor Vehicle Repair • Printing/Reproduction • Recycling Facilities • Repair of Electrical Equipment • Research Laboratory • Manufacturing of Goods and Materials • Warehouse and Storage | <ul style="list-style-type: none"> • Health/Fitness • Library/Museum • Parks/Playgrounds • Studios (Art, Dance, Music) • Theatre (Live Performing Arts) • Live/Work • Mixed-Use • Multi-Family Residential (UP) • Artisan Shop • Bar/Brewery/Distillery (UP) • Retail (less than 5,000 sf) • Groceries /Specialty Foods • Nightclub (UP) • Restaurant • Office • Lodging (UP) |

Existing Vs. Proposed Development Standards

| STANDARD | EXISTING CODE Manufacturing (M) | PROPOSED CODE Transit Oriented Development (TOD) |
|--------------------|---|---|
| PUBLIC OPEN SPACE | <ul style="list-style-type: none"> • Non-existent for manufacturing | <ul style="list-style-type: none"> • Residential: 50 sf/unit |
| PRIVATE OPEN SPACE | <ul style="list-style-type: none"> • Non-existent for manufacturing | <ul style="list-style-type: none"> • Residential: 64 sf/unit |
| PARKING | <ul style="list-style-type: none"> • Traditional Auto Oriented Parking Standards | <ul style="list-style-type: none"> • TOD Parking Standards |



What Happens to Existing Uses After TOD Adoption?

In order to preserve private property rights, all legal existing uses operating in existing building(s) or structure(s) in existence upon the effective date of this ordinance, may be continued after the date of adoption of this zoning code amendment, subject to the following:

- If the structure or use is abandoned or discontinued for twelve (12) months, the property or use must comply with this Ordinance.
- Any alteration or expansion in building footprint is not permitted.

What Happens to Existing Uses After 5 Years of TOD Adoption?

Five (5) years after the effective date of this Ordinance, all legal conforming existing uses operating in existing building(s) or structure(s) may be transferred or assigned from the existing owner as follows:

- The business/property is transferred from a Parent to his/her Child, from a Child to his/her Parent as defined in this Chapter.
- The business/property is transferred from an owner to his/her employee(s) such that the Ownership does not change as defined in this Chapter.

What Happens to Existing Uses After 5 Years of TOD Adoption?

Five (5) years after the effective date of this Ordinance, all legal conforming existing uses operating in existing building(s) or structure(s) may continue as follows:

- If the business/property Primary use (not accessory uses), remains unchanged, then accessory uses may change.
- The business/property is transferred from an owner to his/her employee(s) such that the Ownership does not change.
- Any alteration or expansion in building footprint is not permitted.

Examples of Interest



Proposed Development: Integral Communities/ Lyon Living (Draft Site Plan)



5-STORY WRAP W/ 7-LEVEL GARAGE
 LAND AREA: 2.95 (4+-ACRES)
 TOTAL UNITS: 215 UNITS
 DENSITY: 72.9 DU/AC
 LEASING @ LEVEL-1: 1,070 S.F.
 CAVE @ LEVEL-1: 4,440 S.F.
 CLUB FITNESS: 3,000 S.F. (ON GAR. ROOF)

| UNITS | NET S.F. | NUMBER | % | T.L. NET | BAL. | T.L. BAL. |
|---------|----------|--------|------|----------|------|-----------|
| A1 | 747 | 19 | | 14,193 | 79 | 1,501 |
| A2 | 756 | 40 | | 30,240 | 93 | 3,720 |
| A3 | 739 | 20 | | 14,780 | 119 | 2,380 |
| A4 | 783 | 20 | 46% | 15,660 | 77 | 1,540 |
| B1 | 1,006 | 54 | | 54,324 | 56 | 3,024 |
| B2 | 1,012 | 49 | | 49,588 | 68 | 3,332 |
| B2-LOFT | 1,128 | 13 | 54% | 14,564 | 68 | 884 |
| TOTAL | | 215 | 100% | 193,449 | | 16,381 |

NET RENTABLE: 193,449 S.F.
 AVE NET UNIT SIZE: 900 S.F.
 PARKING PROVIDED:
 GARAGE: 384 SPACES
 SURFACE: 4 SPACES
 TOTAL: 388 SPACES
 OVERALL PARKING RATIO: 1.8 PER UNIT
 AREA BREAK DOWN:
 NET RESIDENTIAL: 193,449 S.F.
 BALCONIES: 16,381 S.F.
 CORRIDOR & STOR.: 42,540 S.F.
 STAIRS & ELEV.: 1,225 S.F.
 LEASING: 1,070 S.F.
 GROSS RES. AREA: 254,665 S.F.
 GROSS GARAGE: 190,500 S.F.
 (INCLUDING ROOF TOP CLUB)

SITE PLAN
 NORTH
 0 20' 40'

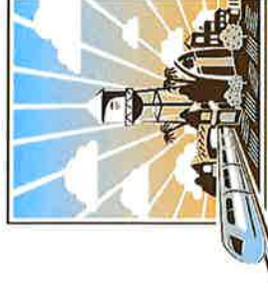
E. CROWTHER AVE. SITE
 INTEGRAL COMMUNITIES
 04/08/2016 PLACENTIA, CA HPA # 16150

HUMPHREYS & PARTNERS ARCHITECTS, L.P.
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 All dimensions are in feet and inches. All areas are in square feet and square inches.
 All areas are approximate and subject to change without notice.
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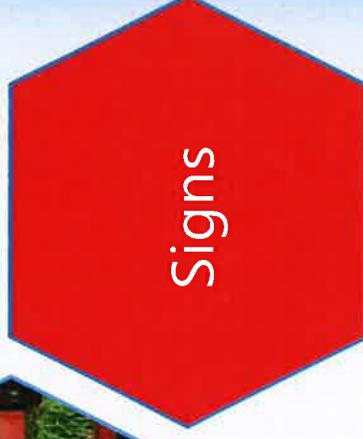
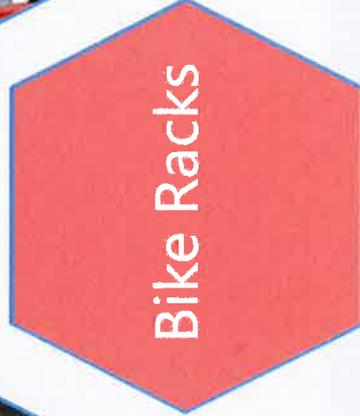
Public Realm Standards

- What is the Public Realm?
Any publicly-owned streets, pathways, parks, civic spaces, and amenities
- The quality of our public realm is vital if we are creating places that people would want to live, work and patronize local businesses.



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Public Realm Components



Public Realm Standards

- Provides guidance: street trees, tree wells, street furniture, bike racks, paving, lighting, sidewalk widths; signage.
- Will be used to create a detailed Streetscape Master Plan.



Public Realm Standards



Public Realm Standards

- Sidewalk widths: No less than 9' north Crowther, 8' south side. 5' clear for pedestrians.
- Street Trees: Canopy, Shade Trees, 15'-40' spacing.
- Lighting: Dual headed pedestrian/street light
- Benches: Durable, low maintenance, prevent lying down and skateboarding.
- Trash Receptacles: Litter and recycling, covered.
- Bike Racks: Rack designs as public art.
- Planter Boxes: Add color, planted with evergreen and irrigation.
- Paving: Sustainable and Decorative materials.
- Public Signage: Street Banners (mounting brackets on lights), coordinated wayfinding for TOD and Old Town.
- District Archway Sign: included in wayfinding plan.
- Compatible with Old Town Placentia Public Realm Components

Crowther Avenue Option 1 (no on-street parking)

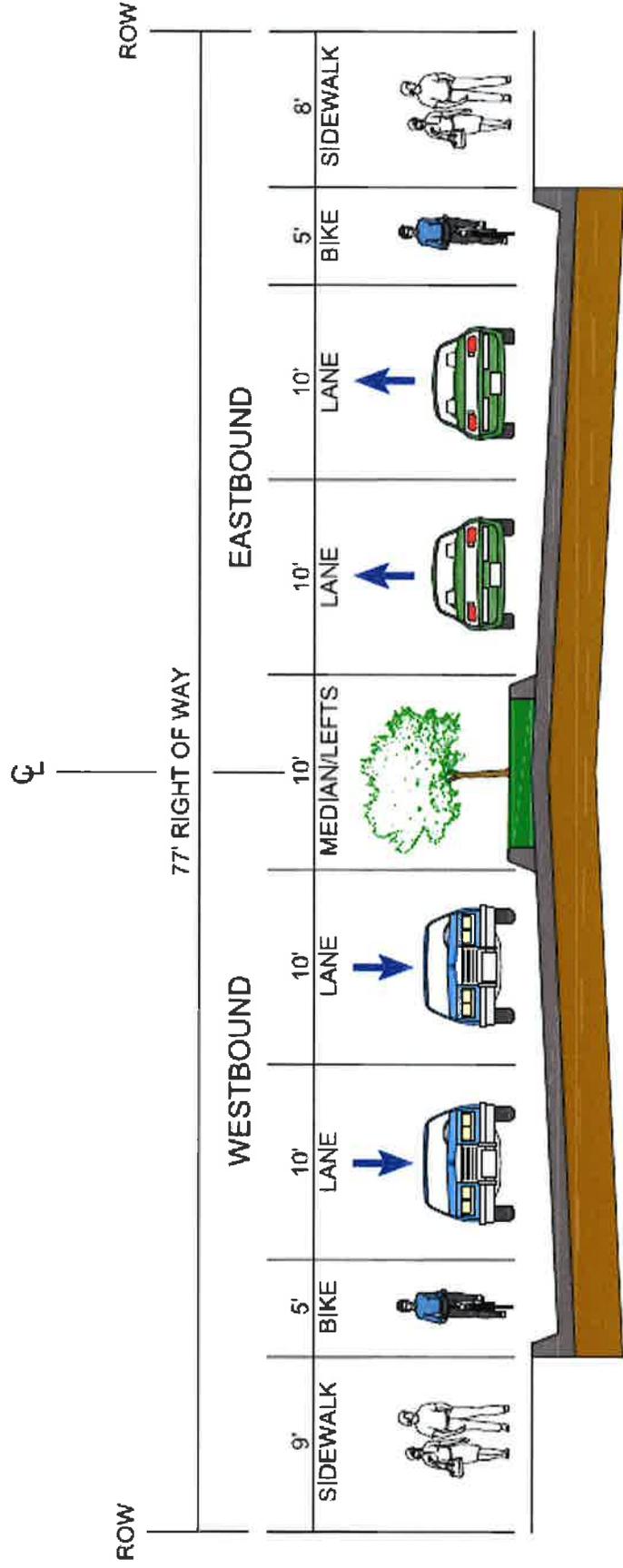


Crowther Avenue Option 2 (with on-street parking)



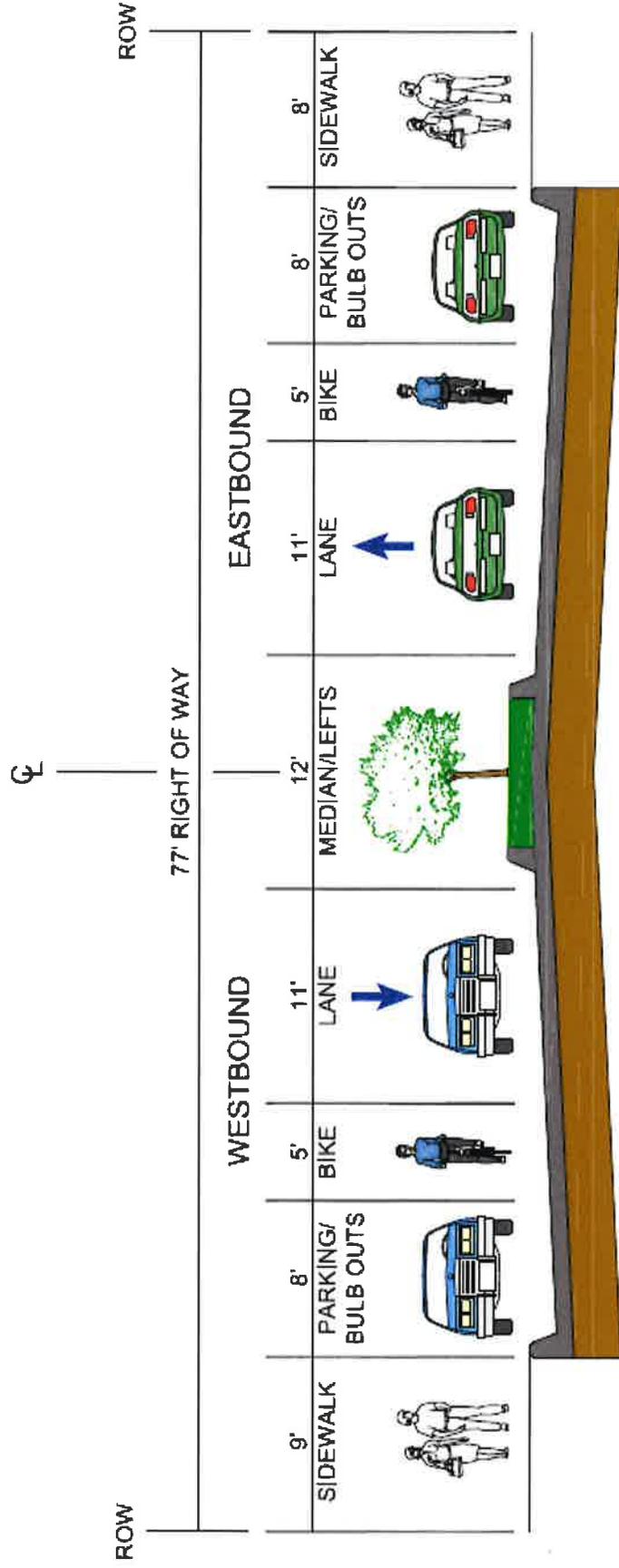
Crowther Avenue-Option 1

Public Realm-Cross Section



Crowther Avenue – Option 2

Public Realm-Cross Section with on-street parking



Funding and Future Maintenance



- **Not Funded by General Fund**
- **Developer Public Right of Way Improvements**

Developer responsible for construction of all public right of way improvements from the private building to the curb face adjacent to Crowther Avenue
- **TOD Developer Impact Fees**

Designed to fund public right of way improvements constructed by the City from curb face to property line on the south side of Crowther or centerline when TOD properties on both sides of street. Also provides public safety impact fees.
- **TOD Community Facilities District (Funded by Developers)**

Designed to fund the ongoing maintenance and repair of all public right of way improvements constructed. Provides sustainable revenue source without depleting General Fund.

Kosmont's Study on Economic Development Analysis on the TOD

| Fees & Revenue (1,000 Total Units) | Revenue Created Per Year |
|---|--------------------------|
| Sales, Property & VLF | \$949,600 |
| UUT | \$93,300 |
| Business License Tax | \$7,100 |
| Public Safety Community Facilities District (CFD) | \$500,000 |
| TOD Community Facilities District (CFD) | TBD |
| TOTAL | \$1,550,000 |

| Fees & Revenue (1,000 Total Units) | Revenue Created One Time |
|------------------------------------|--------------------------|
| Public Safety Mitigation Fee | \$3,427,000 |
| Workforce Housing Mitigation Fee | \$7,500,000 |
| Park In-Lieu Fee | \$3,740,000 |
| Additional Impact Fees | \$408,000 |
| TOD Impact Fees | TBD* |
| TOTAL | \$15,075,000* |

Kosmont's Study on Economic Development Analysis on the TOD

| One Time Analysis | Revenue/Impact |
|---|----------------------|
| Private Construction Investment | \$243.8 Million |
| Construction Related Jobs | 2,684 Jobs |
| Labor Income from Construction Related Jobs | \$218.1 Million |
| Jobs Created & Permanent Jobs at Build Out | 588 FTE On-site |
| Metrolink Platform and Parking Structure | \$34 Million |
| Total Additional Economic Benefit | \$495 Million |

Next Steps

| Description | Date |
|---|------------------|
| Community Meeting #2 | November 30 |
| Draft IS/MND Completed | December/January |
| 2 nd City Council Study Session | January 17 |
| Planning Commission Hearing | February 14 |
| City Council Public Hearing (1 st Reading) | March 21 |
| City Council Public Hearing (2 nd Reading) | April 4 |

Committee Recommendations

Planning and Development Ad-Hoc Committee and Economic Development Committee recommended the approval of the following items:

1. TOD Plan & Zoning Code Amendment/General Plan Amendment
2. Public Realm Design Standards
3. TOD Impact Fee Preparation
4. TOD CFD Preparation

Staff Recommendation

It is recommended that the City Council take the following action:

1. Receive and file the report and presentation; and
2. Solicit public comment regarding the proposed TOD District Plan, Public Realm Design Standards, and supporting documentation; and
3. Provide direction to Staff as appropriate regarding all of the TOD Plan documents; and
4. Schedule the second study session regarding the TOD Plan for the January 17, 2017 City Council meeting.



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL

VIA: CITY ADMINISTRATOR

FROM: CITY ATTORNEY

DATE: NOVEMBER 15, 2016

SUBJECT: **APPLICATION INFORMATION AND CONSIDERATION OF ACTION RELATED TO PLANNING COMMISSIONER SOLOMONSON**

FISCAL
IMPACT: NONE

SUMMARY:

At the last City Council meeting a member of the public made allegations that Planning Commissioner Thomas Solomonson made a false statement on his application for the City's Planning Commission. The Mayor asked for this item to be agendized so that the Council could determine if any of the allegations bear any merit and whether Mr. Solomonson should be removed from his position on the Commission.

RECOMMENDATION:

It is recommended that the City Council review the information presented in this report, discuss, and determine whether to take action to remove or retain Commissioner Solomonson as a member of the City's Planning Commission.

DISCUSSION:

At the November 1, 2016 Council meeting a citizen made allegations that Planning Commissioner Solomonson made false statements on his Planning Commission application to the City. The citizen presented documentation to support his allegation, and provided those documents to the Council. In response, the Mayor asked Staff to look into the matter. He also asked that the item be put on the agenda for this meeting to determine if any of the allegations bear any merit and whether Mr. Solomonson should be removed from his position on the Commission.

Staff looked into the matter and made the following findings:

Applications for membership on the City's Planning Commission require all applicants to certify that "the facts set forth in the above application are true and complete to the best of my knowledge. I understand that, if appointed, false statements on this application shall be considered sufficient cause for dismissal."

3.b.

November 15, 2016

Solomonson has submitted three separate applications for a position on the City's Planning Commission. Applications were submitted on July 13, 2009, May 3, 2012, and July 10, 2016. Copies of those applications are attached. In each instance Solomonson answered "No" to question No. 3 on the City's application, which asks: "Have you ever been convicted of any crime ... other than a parking violation." The application goes on to state that if the answer is "yes," the applicant should provide a more detailed explanation.

Based on documents presented at the last Council meeting, and confirmed through a recent search of the Orange County Superior Court website, it appears that Commissioner Solomonson pled guilty to a misdemeanor charge under California Vehicle Code § 4463(a) in 2006. Although the City was not able to obtain more detailed information from the courts regarding the misdemeanor charge, Section 4463(a) is crime involving fraudulent vehicle registration documents. Attached is a printout from the Orange County Superior Court website.

Section 902 of the City Charter provides that:

"The members of such Boards or Commissions shall be appointed by the City Council. They shall be subject to removal by motion of the City Council adopted by at least three affirmative votes." In addition, City Policy 209 (Applications/Background Checks: Appointive Positions) states that: "[a] conviction or violation of a crime may constitute denial of an appointment; false statements on an application form shall be considered sufficient cause for dismissal."

CONCLUSION:

The City Council has complete discretion in this matter. Commissioners serve at the pleasure of the City Council, and they can be retained or removed, with or without cause, upon a majority vote. The City Council should evaluate the aforementioned information and determine whether to retain or remove Commissioner Solomonson from his position on the Planning Commission.

Prepared by:

Reviewed and approved:



Christian L. Bettenhausen
City Attorney



Damien R. Arrula
City Administrator

Attachments:

1. Thomas Solomonson Applications for Planning Commission dated July 13, 2009, May 3, 2012, and July 10, 2016
2. Orange County Superior Court Website Printout



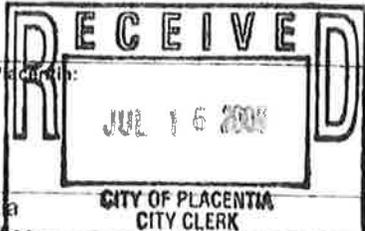
City of Placentia
Application for Commission
Committees and

I am interested in serving on the following:

(Rank in order of interest)

- | | | | |
|---------------------------------------|---------------------------------|---------------------------------------|---|
| <input checked="" type="checkbox"/> 1 | Planning Commission | <input checked="" type="checkbox"/> 3 | Financial Audit Oversight Committee |
| <input checked="" type="checkbox"/> 4 | Cultural Arts Commission | Other: | |
| <input checked="" type="checkbox"/> 2 | Recreation and Parks Commission | <input checked="" type="checkbox"/> K | Other: <u>Will Consider Other Positions</u> |
| | Traffic Safety Commission | | |

| | | | | | |
|---|--|---|-----------------------|---|------------------|
| First Name: <u>Thomas</u> | | Middle Name: <u>MICHAEL</u> | | Last Name: <u>SOLOMONSON</u> | |
| Home Address: | | | City: | | Zip Code: |
| Home Phone: | | | Driver's License No.: | | |
| Present Employer: | | | Work Address: | | City & Zip Code: |
| Occupation: | | | Work Phone: | | |
| How long have you lived in the City of Placentia? | | Are you a U.S. Citizen? | | Have you ever filed bankruptcy? | |
| <u>28 YRS</u> | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Former places of employment: | | Job Title & Description: | | | |
| From: <u>4/04</u> To: <u>2/09</u> | | <u>WESTERN REGIONAL SALES MANAGER / UNARCO INT</u> | | | |
| Former places of employment: | | Job Title & Description: | | | |
| From: <u>1/90</u> To: <u>1/04</u> | | <u>WESTERN REGIONAL SALES MGR / WHITE SYSTEMS</u> | | | |
| What are your qualifications, strengths, and experience relevant to the Commission/Committee/Board desired: | | | | | |
| <u>Been a resident of Placentia for 28 yrs. own a business in town for 2 yrs. I have a vested interest.</u> | | | | | |
| Reasons you are interested in serving on this Commission/Committee/Board: | | | | | |
| <u>Looking to advise & contribute as a resident for past 28 yrs</u> | | | | | |
| Property interests in Placentia: <u>HOME.</u> | | | | | |
| Stock or Business Affiliations with organizations that may provide material or services to the City of Placentia: | | | | | |
| <u>OWNER of FLOORING RETAIL BUSINESS.</u> | | | | | |



Please Return Completed Application and a Résumé, if desired, to:
 City of Placentia
 City Clerk's Office
 401 East Chapman Avenue
 Placentia, CA 92870

For any questions, please call: 714/993-8231



City of Placentia
Application for Commissions,
Committees and Boards

Background Information

You must respond to all of the following questions:

1. Were you ever employed by or have you served in any capacity at the City of Placentia?
 Yes No
2. Are any of your relatives (by blood or marriage) employed by or have they served in any capacity at the City of Placentia?
 Yes No
3. Have you ever been convicted of any crime or violated any law, ordinance, or statute (this includes traffic citations) other than a parking violation?
 Yes No

◆ If the answer to any of the above is "Yes," explain in detail in the space provided below.

Notice: The City of Placentia is committed to reasonable accommodation for disabled persons. If you believe you may need reasonable accommodation to perform the duties of the position for which you are applying, you are encouraged to state it in the space below.

(use additional sheet if necessary)

**PLEASE READ CAREFULLY – APPLICANT'S CERTIFICATION AND AGREEMENT
(MUST BE SIGNED AND DATED)**

I hereby certify that the facts set forth in the above application are true and complete to the best of my knowledge. I understand that, if appointed, false statements on this application shall be considered sufficient cause for dismissal. I understand that, if appointed, such appointment will be subject to verification of data provided in my application and any related documents or résumé. I authorize education institutions, employers, law enforcement authorities, organizations and individuals having relevant information concerning my qualifications for appointment to release such information; and I release all concerned from any liability in connection therewith; and I understand that I can make a written request as to the nature and scope of said information. I understand that if appointed the City will conduct a DMV/criminal background check including fingerprinting. I understand that if appointed, I will be required to know, and comply with, all rules and regulations. I understand that the benefits, rules and regulations may be changed, modified, deleted, or added to at any time at the City's sole option, and without prior notice.

Signature: *Thomas M. Solomon*

Date: 7/13/09



City of Placentia

Application for Commissions, Committees and Boards



I am interested in serving on the following Commission(s) or Committee(s):
(If more than one, please rank in order of interest)

| | | | |
|--|--|--|------------------|
| <input type="checkbox"/> Cultural Arts Commission | | <input checked="" type="checkbox"/> Planning Commission | |
| <input type="checkbox"/> Financial Audit Oversight Committee | | <input type="checkbox"/> Recreation and Parks Commission | |
| <input type="checkbox"/> Heritage Committee | | <input type="checkbox"/> Senior Advisory Committee | |
| <input type="checkbox"/> Historical Committee | | <input type="checkbox"/> Traffic Safety Commission | |
| | | <input type="checkbox"/> Veterans Advisory Committee | |
| First Name: <u>Thomas</u> | | Middle Name: <u>MICHAEL</u> | |
| | | Last Name: <u>SOLOMONSON</u> | |
| Home Address: | | City: | Zip Code: |
| Home Phone: | | Driver's License No.: | |
| Present Employer: | | Work Address: | City & Zip Code: |
| Occupation: | | Work Phone: | |
| How long have you lived in the City of Placentia? <u>31 years</u> | | Are you a U.S. Citizen? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | Have you ever filed bankruptcy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Former places of employment: From: <u>4/04</u> To: <u>2/09</u> | | Job Title & Description: <u>Regional Distributor Sales</u> | |
| Former places of employment: From: <u>12/89</u> To: <u>3/04</u> | | Job Title & Description: <u>District Distributor Sales</u> | |
| What are your qualifications, strengths, and experience relevant to the Commission/Committee/Board desired: <u>Currently serving out Appointment due to vacancy of partial term. Being a business/Pro</u> <u>Approach to the Commission as local business owner.</u> | | | |
| Reasons you are interested in serving on this Commission/Committee/Board: <u>for over 30 years serving in various volunteer roles & want to continue to</u> <u>serve as Planning Commissioner. I bring a "Placentia" business owners' perspective</u> <u>to the Commission!</u> | | | |
| Property Interests in Placentia: <u>HOME. only</u> | | | |
| Stock or Business Affiliations with organizations that may provide materials or services to the City of Placentia: <u>N/A</u> | | | |

Please Return Completed Application and a Résumé, if desired, to:

City of Placentia
City Clerk's Office
401 East Chapman Avenue
Placentia, CA 92870

For any questions, please call: (714) 993-8231
Applications are accepted year-round and will be kept on file for future vacancies.



City of Placentia
Application for Commissions,
Committees and Boards



Background Information

You must respond to all of the following questions:

1. Were you ever employed by or have you served in any capacity at the City of Placentia?
 Yes No
2. Are any of your relatives (by blood or marriage) employed by or have they served in any capacity at the City of Placentia?
 Yes No
3. Have you ever been convicted of any crime or violated any law, ordinance, or statute (this includes traffic citations) other than a parking violation?
 Yes No

◆ If the answer to any of the above is "Yes," explain in detail in the space provided below.

Notice: The City of Placentia is committed to reasonable accommodation for disabled persons. If you believe you may need reasonable accommodation to perform the duties of the position for which you are applying, you are encouraged to state it in the space below.

Currently Serving AS Planning Commissioner

(use additional sheet if necessary)

**PLEASE READ CAREFULLY – APPLICANT’S CERTIFICATION AND AGREEMENT
(MUST BE SIGNED AND DATED)**

I hereby certify that the facts set forth in the above application are true and complete to the best of my knowledge. I understand that, if appointed, false statements on this application shall be considered sufficient cause for dismissal. I understand that, if appointed, such appointment will be subject to verification of data provided in my application and any related documents or résumé. I authorize education institutions, employers, law enforcement authorities, organizations and individuals having relevant information concerning my qualifications for appointment to release such information; and I release all concerned from any liability in connection therewith; and I understand that I can make a written request as to the nature and scope of said information. I understand that if appointed the City will conduct a DMV/criminal background check including fingerprinting. I understand that if appointed, I will be required to know, and comply with, all rules and regulations. I understand that the benefits, rules and regulations may be changed, modified, deleted, or added to at any time at the City's sole option, and without prior notice.

Signature: *Thomas M. Stinson*

Date: 5/3/12

JUL 11 2016 PM05:42



City of Placentia

Application for Commissions, Committees and Boards



I am interested in serving on the following Commission(s) or Committee(s):
(If more than one, please rank in order of interest)

| | | |
|--|--|--|
| Cultural Arts Commission | Planning Commission | |
| Economic Development Committee | Recreation and Parks Commission | |
| Financial Audit Oversight Committee | Senior Advisory Committee | |
| Heritage Committee | Traffic Safety Commission | |
| Historical Committee | Veterans Advisory Committee | |
| First Name: Thomas | Middle Name: M | Last Name: Solomonson |
| Home Address: | City: | Zip Code: |
| Home Phone: | Driver's License No.: | |
| Present Employer: | Work Address: | City & Zip Code: |
| Occupation: | Work Phone: | |
| How long have you lived in the City of Placentia? 33+ yrs | Are you a U.S. Citizen? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Have you ever filed bankruptcy? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Former places of employment: UNARCO From: 1/2004 To: 2/2004 | Job Title & Description: Regional Sales Manager/travel 13 States | |
| Former places of employment: From: 12/89 To: 1/2004 | Job Title & Description: Regional Manager/travel 13 States | |
| What are your qualifications, strengths, and experience relevant to the Commission/Committee/Board desired: Past Commissioner | | |
| Reasons you are interested in serving on this Commission/Committee/Board: Continue to provide input to Commission & City Council | | |
| Property Interests in Placentia: Home | | |
| Stock or Business Affiliations with organizations that may provide materials or services to the City of Placentia: n/a | | |

Please Return Completed Application and a Resumé, if desired, to:

City of Placentia
City Clerk's Office
401 East Chapman Avenue
Placentia, CA 92870

For any questions, please call: (714) 993-8231
Applications are accepted year-round and will be kept on file for future vacancies.



City of Placentia
Application for Commissions,
Committees and Boards



Background Information

You must respond to all of the following questions:

1. Were you ever employed by or have you served in any capacity at the City of Placentia?
 Yes No

2. Are any of your relatives (by blood or marriage) employed by or have they served in any capacity at the City of Placentia?
 Yes No

3. Have you ever been convicted of any crime or violated any law, ordinance, or statute (this includes traffic citations) other than a parking violation?
 Yes No

◆ If the answer to any of the above is "Yes," explain in detail in the space provided below.

Notice: The City of Placentia is committed to reasonable accommodation for disabled persons. If you believe you may need reasonable accommodation to perform the duties of the position for which you are applying, you are encouraged to state it in the space below.

(use additional sheet if necessary)

PLEASE READ CAREFULLY – APPLICANT'S CERTIFICATION AND AGREEMENT
(MUST BE SIGNED AND DATED)

I hereby certify that the facts set forth in the above application are true and complete to the best of my knowledge. I understand that, if appointed, false statements on this application shall be considered sufficient cause for dismissal. I understand that, if appointed, such appointment will be subject to verification of data provided in my application and any related documents or résumé. I authorize education institutions, employers, law enforcement authorities, organizations and individuals having relevant information concerning my qualifications for appointment to release such information; and I release all concerned from any liability in connection therewith; and I understand that I can make a written request as to the nature and scope of said information. I understand that if appointed the City will conduct a DMV/criminal background check including fingerprinting. I understand that if appointed, I will be required to know, and comply with, all rules and regulations. I understand that the benefits, rules and regulations may be changed, modified, deleted, or added to at any time at the City's sole option, and without prior notice.

Signature: *Thomas M. Johnson* Date: 7/10/16

Please see the following pages for descriptions of all Committees.

ONLINE SERVICES

Cases on Calendar

Case Access

Case Index Search

eFiling

E-Juror

Pay a Traffic/Criminal Fine

Probate Notes

Tentative Rulings

Traffic/Infractions Extension Request

Traffic/Infractions Reserve a Court Date

CASE DETAIL - 06HM05436

Case Search Home

Case Detail - 06HM05436

CASE SUMMARY

| Case No. | Case Category | Case Level/Type | Plaintiff | Person/Business Name | Party Role |
|-----------|------------------|-----------------|-----------|---------------------------|------------|
| 06HM05436 | Criminal/Traffic | Misdemeanor | People | Thomas Michael Solomonson | |

| Filing Date | Case Status | Disposition Date | Destruction Date | File Location |
|-------------|-------------|------------------|------------------|---------------|
| 06/23/2006 | Closed | 08/15/2007 | 07/26/2012 | |

CASE DETAIL

| Charge | Charge Date | Charge Dispo Date | Charge Dispo Type |
|------------|-------------|-------------------|-------------------|
| VC 4463(a) | 04/15/2006 | 08/16/2006 | Pled Guilty |

[Back to Results](#) [New Search](#)



Placentia City Council

AGENDA REPORT

TO: CITY COUNCIL
VIA: CITY ADMINISTRATOR
FROM: ADMINISTRATIVE SERVICES DIRECTOR
DATE: NOVEMBER 15, 2016
SUBJECT: **COMMISSION/COMMITTEE BACKGROUND CHECKS**
FISCAL
IMPACT: TBD

SUMMARY:

On November 1, 2016, City Council directed Staff to review the City Commission/Committee application process and practices including background checks, if any, following appointment to a commission or committee.

RECOMMENDATION:

It is recommended that the City Council consider the following actions:

1. Receive and file the enclosed report related to the City's Commission/Committee application process and practices as well as other agencies practices concerning commissions/committees; and
2. Direct Staff to amend Policy No. 209 to remove commission/committee appointees from the list of volunteers to receive a background check (Live Scanned); or
3. Authorize the continued Live Scanning of all volunteers, including commission/committee appointees; and
4. Determine, if appropriate, whether or not all existing Commission/Committee members should be Live Scanned or whether this policy would apply only to new Commission/Committee members.

DISCUSSION:

At the last City Council meeting, City Council directed Staff to review the City Commission/Committee application process and current practices including background checks, if any, following appointment to a commission or committee. Per City Policy No. 209, upon appointment to a commission or committee, the City shall conduct a fingerprinting process to access state and local summary criminal history information. Based upon an examination of the City's practices regarding Commission/Committee applicants, Staff has not been following this

3.c.

November 15, 2016

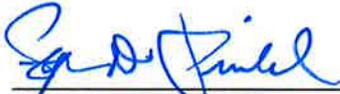
policy for several years (sometime prior to 2006). Despite this, in order to determine if City Policy No. 209 is consistent with other municipalities best practices regarding Commission/Committee applicants, Staff conducted a survey of ten (10) cities within Orange County. Following completion of the survey, all 10 confirmed that they do not conduct a background check or Live Scan of City Commissioners. As a member of the Public Agency Risk Sharing Authority of California insurance pool (PARSAC), the City asked PARSAC if the City should conduct Live Scan of newly appointed commission/committee members. PARSAC recommended Live Scanning of volunteers that have the potential to create exposure especially those volunteers that work with youth and those that work in emergency operations. While the City has not recently conducted Live Scan on its Commission or Committee applicants, the City does conduct Live Scan on Police Explorer Scouts, Police Chaplains, VIPs, Police Reserve Officers and Recreation Volunteers.

FISCAL IMPACT:

There is no charge to Live Scan volunteers working with youth. The current cost for the Live Scanning of commission/committee members is \$32 per Live Scan.

Prepared by:

Reviewed and approved:



Stephen D. Pischel
Director of Administrative Services



Damien R. Arrula
City Administrator

Attachment:

1. City Policy No. 209

APPLICATION/BACKGROUND CHECKS
APPOINTIVE POSITIONS

An application process for City commissions shall be held annually and unscheduled vacancies shall be filled in accordance with the City Charter, Municipal Code, and California Government Code Title 5, Chapter 11, Section 54972, 54973 and 54974. Other appointive positions shall be conducted on an as needed basis.

Applications may be reviewed by the City Clerk, Personnel Division (Director of Administrative Services/Community Services), City Administrator, City Attorney, or each of their respective designees and/or City Council and the Placentia Police Department.

The application form shall request certain information pertinent to appointment to a commission, board, committee, or volunteer position and shall also include question(s) regarding convictions of crimes or violations of any laws, ordinances, or statutes.

If appointed, the City shall conduct a fingerprinting process to access state and local summary criminal history information.

A conviction or violation of a crime may constitute denial of an appointment; false statements on an application form shall be considered sufficient cause for dismissal.