



AGENDA

PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday, March 19, 2014 – 5:00 PM

Utilities Yard

19021 Huntington Street
Huntington Beach, CA 92648

A. PLEDGE OF ALLEGIANCE

ROLL CALL

Berge, Brenden, Carr, Cook, Hart,
McGovern, Thomas

B. PRESENTATIONS-COMMENDATIONS

C. MINUTES

C-1. Minutes of February 19, 2014

D. ORAL COMMUNICATIONS

Public Comments – the Public Works Commission welcomes public comments on all items on this agenda or of community interest. **Three minutes per person**, time may not be donated to others. Commission on this date can take no action on any item not on the agenda. This is the time to address Commission regarding items of interest or agenda items other than public hearings. Communications on agenda items will be scheduled such that public comments may be received as close to 5:00 p.m. as possible.

E. DIRECTOR'S ITEMS

E-1. None

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions - The City Council conducts public Study Sessions on the evenings of City Council meetings, normally beginning at 4:00 p.m., in Room B-8. A tentative listing of upcoming sessions is submitted for the Commission's information.

F-2. Active Capital Project Report – An update on active capital projects is presented for the Commission's information. Project information, including description, location maps and funding sources can be found in the FY

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2012/13 Capital Improvement Program notebook, or on the city's website under Government, Current [Budget](#) information.

- F-3. Water Management Plan Update- Chapter 14.18 of the Municipal Code sets forth the Water Management Program for the City. The City Council updated the Water Conservation Ordinance and Water Management Plan on November 16, 2009. These amendments are requested to address conservation methods that have become standard practices since the last amendment.

G. ADMINISTRATIVE ITEMS

- G-1. Residential Overlay of Maintenance Zone 11 Including Tree Petition Streets Craig Lane and Edmonds Circle- Plans and Specifications for the Residential Overlay of Maintenance Zone 11 and FY 13/14 Tree Petition Streets, CC-1477 is in final preparation. Staff requests recommended action in order to proceed with the bidding process.

Funding Source: Funds in the amount of \$2,550,000 have been budgeted for this project. \$2,100,000 in Proposition 42 funds and \$450,000 in Gas Tax funds.

Recommended Action: Motion to approve that the Residential Overlay of Maintenance Zone 11 and FY 13/14 Tree Petition Streets, CC-1477, is in general conformance with the previously approved CIP.

H. WRITTEN COMMUNICATIONS

I. COMMISSION AND STAFF COMMENTS

J. ADJOURNMENT

<p>NEXT PUBLIC WORKS COMMISSION MEETING <i>April 16, 2014, 5:00 PM, Utilities Yard</i></p>



MINUTES

CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION FEBRUARY 19, 2014

**Call to Order/
Pledge of Allegiance:** The meeting was called to order at 5:01 p.m. by Chairperson Thomas, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

Commissioners Absent: None

Commissioners Present: Commissioners Thomas, McGovern, Hart, Brenden, Berge, Carr, and Cook were in attendance.

Others Present: Travis Hopkins, Director of Public Works
Tom Herbel, City Engineer
Bob Stachelski, Transportation Manager
Ken Dills, Project Manager
Kirsty Wapner, Administrative Assistant

B. PRESENTATIONS-COMMENDATIONS

None.

C. MINUTES

C-1. Motion by Commissioner Cook, seconded by Commissioner Brenden to approve the minutes of January 15, 2014 as presented.

VOTE: The motion carried.

AYES: 7

NOES: 0

ABSENT: 0

ABSTENTIONS: 0

D. ORAL COMMUNICATIONS

None.

E. DIRECTOR'S ITEMS

- E-1. Commission Business- Motion by Commissioner Cook, seconded by Commissioner Hart to elect Commissioner Brenden as Chair and Commissioner Carr as Vice Chair.

VOTE: The motion carried.
AYES: 7
NOES: 0
ABSENT: 0
ABSTENTIONS: 0

- E-2. Strategic Planning Retreat- Travis Hopkins provided an overview of the City Council's most recent Strategic Planning efforts, including the review of the City's mission statement and core values; a SWOT analysis, and the City's six three-year goals. Mr. Hopkins also referred to a PowerPoint presentation that was presented by the Finance Department at the Strategic Planning Retreat. The three Strategic Planning Retreat handouts were distributed at the meeting.

F. INFORMATION ITEMS

- F-1. Upcoming City Council Study Sessions – It was noted the Harbor Dredging Study Session will be held on March 3. OC Plan to End Homelessness is tentatively scheduled for March 17.

- F-2. Active Capital Project Report – Tom Herbel provided updates on the capital project report. Atlanta Avenue Widening is moving forward. The right of way acquisition process has started. Residential Pavement Rehab Zone 11 has started with concrete work. Plans and specs are being finalized. This goes out to bid next month. Meredith Pump Station Expansion will go out to bid shortly. Murdy and Magnolia Fire Station Parking Lot Repairs have been completed. The South Beach Parking Lot had a final cap of asphalt put on today. Striping will occur within the next week. This will be complete the project. Warner Avenue Gravity Sewer Main and Lift Station "C" Reconstruction- all sewer pipes have been laid and is moving along. Commissioner Thomas inquired about the Algonquin/Boardwalk Lift Station. Mr. Herbel stated there have been some challenges with the contractor and the project is 6 months behind schedule. They are currently in the middle of a 7-day test. The City is currently withholding payment. There is currently \$100,000 in liquidated damages owed to the City. Water Main Replacement at Sunset Beach Area Phase II is moving along and should be complete by the end of summer. The intersection of Brookhurst and Indianapolis has been closed for 2.5 weeks. Voids were discovered under the pavement due to a leaking sewer siphon. An emergency procurement was done. The bid came in at \$900,000. Work is to begin in one week and will last approximately two months.

G. ADMINISTRATIVE ITEMS

Travis Hopkins requested that G-1 and G-2 be presented and voted upon by the Commissioners, together.

- G-1. Sanitary Sewer Facilities Fund Annual Compliance Report Fiscal Year 2012/13 – Ken Dills reported the Public Works Dept is required to prepare an annual report of the status of the Sanitary Sewer Facilities Funds. This fund’s primary revenue is development fees. The former Redevelopment Agency owes this fund approximately \$450,000. Total revenue for FY 2012/13 was \$2,727,171. Total expenditures in FY 2012/13 were \$182,150, including engineering design and salaries. Total budgeted expenditures for FY 2013/14 are \$1,278,960.

- G-2. Planned Local Drainage Facilities Fund Annual Compliance Report Fiscal Year 2012/13 – Ken Dills reported primary revenue is development fees. The approximate debt owed to this fund from the former Redevelopment Agency is \$850,000. This Drainage Fund got out of the red and into the black this last year and ended with a positive balance of \$40,917. The estimated balance for 10/14 is \$130,917.

Motion by Commissioner Cook, seconded by Commissioner Thomas, to recommend to the City Council the approval of the Annual Sanitary Sewer Facilities Fund Compliance Report for Fiscal Year 2012/13 and to recommend to the City Council the approval of Planned Local Drainage Facility Fund Compliance Report for Fiscal Year 2012/13.

VOTE: The motion carried.
AYES: 7
NOES: 0
ABSENT: 0
ABSTENTIONS: 0

- G-3. Fair Share Traffic Impact Fee Program Annual Report for Fiscal Year 2012/13 – Bob Stachelski reported this program is intended to implement the goals and objectives of the General Plan and to ensure the level of service standards for arterial roadways and signalized intersections are maintained. This fund recognized \$1,405,892 in revenues. The fund balance at the end of the fiscal year was \$1,506,478.

Motion by Commissioner Hart, seconded by Commissioner Berge, to approve the 2012/13 Traffic Impact Fee Annual Report to the City Council.

VOTE: The motion carried.
AYES: 7
NOES: 0

ABSENT: 0
ABSTENTIONS: 0

H. WRITTEN COMMUNICATIONS

None.

I. COMMISSION AND STAFF COMMENTS

None.

J. ADJOURNMENT

The meeting adjourned at 6:20 PM to March 19, 2014 at 5:00 PM at the Utilities Yard.

Pat Brenden
Chairperson

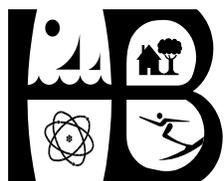
Kirsty Wapner
Administrative Assistant



~2014~ CITY COUNCIL STUDY SESSIONS & SPECIAL SESSIONS

*This information is for agenda scheduling purposes only and is subject to change on a daily basis.
Subjects listed below are not guaranteed to appear on a City Council agenda.*

COUNCIL MEETING	TIME	SUBJECT	DEPT HEAD
2014			
<i>Jan. 21, 2014</i>		<i>Bolsa Chica</i>	<i>Wilson</i>
<i>Feb. 3, 2014</i>		<i>IAB (Investment Advisory Board) Joint Study Session</i>	<i>Cutchen</i>
<i>Feb. 18, 2014</i>		<i>Street Light Update</i>	<i>Wilson</i>
<i>March 3, 2014</i>		<i>Harbor Dredging Study Results</i>	<i>Hopkins</i>
March 17, 2014		OC Plan to End Homelessness	Wilson
April 7, 2014	*NEW ITEM	<u>PERS Actuarial Update – Bartel</u> AES Visual Enhancements	<u>Farrell</u> Hess
April 21, 2014		Down Town Task Force Recommendations	Fritzal
May 5, 2014		New Senior Center	Laudenback
May 19, 2014		Mid-year Budget Update	Farrell
June 2, 2014		Joint meeting of the Citizen Participation Advisory Board (CPAB) and City Council to review recommendations for the 2014/2015 Action Plan for the Community Development Block Grant (CDBG) and HOME Investment Partnership Program (HOME)	Slifman/Fritzal
June 16, 2014			
July 7, 2014		Budget	Farrell
July 21, 2014			
Aug. 4, 2014		CIP	Hopkins
Aug. 18, 2014			
Sept. 2, 2014			
Sept. 18, 2014			
Oct. 6, 2014			
Oct. 20, 2014			
Nov. 3, 2014			
Nov. 17, 2014			
Dec. 1, 2014		Mayoral Transition	
Dec. 15, 2014			



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 14-07

SUBMITTED TO: Chair Brenden and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works

DATE: March 19, 2014

SUBJECT: Update of the Water Management Plan

Statement of Issue: Chapter 14.18 of the Municipal Code sets forth the Water Management Program for the City. The City Council updated the Water Conservation Ordinance and Water Management Plan on November 16, 2009. These amendments are requested to address conservation methods that have become standard practices since the last amendment.

Funding Source: Not Applicable

Impact on Future Maintenance Costs: No additional costs are anticipated.

Recommended Action: Information only

Alternative Action(s): Not Applicable

Analysis: The State of California has experienced three years of below average rainfall and the snowpack level is at about 12% of normal levels. On January 17, Governor Edmund G. Brown, Jr. declared a drought state of emergency and directed state officials to take all necessary actions in response; the declaration also requested a voluntary 20% reduction in water usage. As a result, the Metropolitan Water District (MWD) issued a Water Supply Alert on February 11, 2014.

The Utilities Division is recommending that the City Council update the Water Management Plan and consider declaring a Level I Water Supply Shortage.

Permanent Water Conservation Requirements Include:

- Reduce interior and exterior uses of water whenever possible to prevent water waste.

- Prohibit the washing of concrete and other hard surfaces, including driveways, walkways and parking areas, except as required to maintain health or safety, unless a cleaning machine equipped to recycle water is used.
- Require automatic cut-off valves on hoses or use of a bucket when washing vehicles or other items outside.
- Turn off decorative fountains, ponds, lakes and pools unless a water recycling system is used. Eliminate draining and refilling of decorative ponds and fountains unless necessary for health and safety reasons.
- Encourage installation of pool and spa covers to minimize water loss due to evaporation. Discourage draining and refilling of pools and spas unless necessary for health and safety reasons.
- Regulate irrigation of residences, golf courses, cemeteries, government, public and commercial facilities landscape areas.
- Schedule irrigation times between 7:00 p.m. and 9:00 a.m. Reduce irrigation times or frequency by 50% where possible.
- Adjust sprinklers and irrigation systems to avoid over-spray, run-off and waste. Do not allow water to run off landscaped areas into adjoining streets, sidewalks, parking lots or alleys.
- Encourage the installation of low-water-using plants combined with hardscape materials and energy-efficient irrigation systems when installing or replacing landscapes; discourage replanting, if possible.
- Restaurants shall serve drinking water only upon request.
- Evaluate necessity or frequency of high-water-using activities, such as window washing, exterior walls or other nonessential cleaning.
- Retrofit indoor plumbing fixtures with low-flow devices if appropriate; encourage low-water-using fixtures when replacing existing fixtures.
- Check faucets, toilets, pipes, irrigation systems and meters for leaks and repair immediately.

The City Council adopted an updated Water Management Program on August 4, 2008, in response to pending regional water supply shortages. Soon after adoption of the Water Management Program, the Metropolitan Water District of Southern California (MWD), the City's imported water supplier, created a model water management ordinance and made certain conservation program funding contingent upon member water retailers adopting an ordinance

meeting their established criteria. The City updated the Water Management Program on November 16, 2009, to more closely conform to the MWD model ordinance. This update is being requested to clarify certain provisions of the Water Management Program and address items that were not included in the previous update.

In addition to the measures listed above, staff is recommending that the City Council adopt additional measures as part of the Permanent Conservation Measures. These measures are:

- Banning the use of potable water for compacting or other dust control purposes in construction activities when a non potable source of water is available. The ordinance also requires that hoses used in construction be equipped with an automatic shut-off nozzle.
- Requires the establishment of a hydrant meter account or written approval from the Director of Public Works for use of a City hydrant for purposes other than firefighting or emergency aid.
- Bans the indiscriminate use of water.
- Specifies that no part of the ordinance shall limit water use needed to protect health and safety.

Proposed measures during a Level I Water Supply Shortage:

- Allows two days of watering per week between November through March rather than one day.

Enforcement of the amended ordinance will be done with existing Utilities Division customer service and water conservation staff. Due to these staffing limitations, it is anticipated that initially, enforcement will be on a reactive rather than proactive basis. Enforcement consists primarily of education; penalties are only issued in extreme cases.

Based on the current statewide drought situation, staff is considering proposing that the City Council authorize implementation of Level 1 of the program. This level is for shortages of up to 10% and involves implementing voluntary conservation measures; specific water use restrictions; regulated irrigation times; review of City facilities water use; and a coordinated public information program. In all Levels, water waste is prohibited. Penalties may be assessed for noncompliance. Level II would be implemented if the anticipated supply of water to the City over the foreseeable future will be 10-20% below the projected normal year demand. Level III would be implemented if the anticipated supply of water available to the City over the foreseeable future will be more than 20% below the projected normal year demand.

Implementation of Level I would add the following measures:

- **Limits on Watering Days.** Watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to three days per week on a schedule established and posted by the City of Huntington Beach. During the months of November through March, watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to no more than one day per week – two days per week with the amended ordinance -- on a schedule established and posted by the City of Huntington Beach. This provision does not apply to landscape irrigation zones that exclusively use very low flow drip type irrigation systems when no emitter produces more than two gallons of water per hour. This provision also does not apply to watering or irrigating by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off nozzle or device, or for very short periods of time for the express purpose of adjusting or repairing an irrigation system.
- **Obligation to Fix Leaks, Breaks or Malfunctions.** All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within 72 hours of notification by the City of Huntington Beach unless other arrangements are made with the City of Huntington Beach.

Attachments:

Legislative Draft of Water Conservation Ordinance Changes

LEGISLATIVE DRAFT

Chapter 14.18

WATER MANAGEMENT PROGRAM

(3104-4/91, 3810-9/08, 3849-1/10)

Sections:

- 14.18.010 Title
- 14.18.020 Purpose and Intent
- 14.18.030 Definitions
- 14.18.040 Application
- 14.18.050 Permanent Water Conservation Requirements – Prohibition
- Against Waste
 - 14.18.060 Level 1 Water Supply Shortage
 - 14.18.070 Level 2 Water Supply Shortage
 - 14.18.080 Level 3 Water Supply Shortage – Emergency Conditions
 - 14.18.090 Procedures for Determination and Notification of Water Supply
- Shortage
 - 14.18.100 Hardship Waiver
 - 14.18.110 Violation – Penalty
 - 14.18.120 Severability

14.18.010 Title. (3104-4/91, 3849-1/10)

This chapter will be known as the City of Huntington Beach Water Conservation and Water Supply Shortage Program. (3104-4/91, 3849-1/10)

14.18.020 Purpose and Intent. (3104-4/91, 3849-1/10)

- a. The purpose of this chapter is to establish a water conservation and supply shortage program that will reduce water consumption within the City of Huntington Beach through conservation, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, and maximize the efficient use of water within the City of Huntington Beach to avoid and minimize the effect and hardship of water shortage to the greatest extent possible. (3104-4/91, 3849-1/10)
- b. This chapter establishes permanent water conservation standards intended to alter behavior related to water use efficiency at all times and further establishes three levels of water supply shortage response actions to be implemented during times of declared water shortage or declared water shortage emergency, with increasing restrictions on water use in response to worsening drought or emergency conditions and decreasing supplies. (3104-4/91, 3849-1/10)

14.18.030 Definitions. (3104-4/91, 3849-1/10)

- a. For purposes of this Chapter, the following words and phrases shall have the meaning hereafter set forth unless a different meaning is clearly

intended from the context in which such word or phrase is used. Any word or phrase not herein defined shall have the meaning attributed to it in ordinary usage. (3104-4/91, 3849-1/10)

1. **“Person”** means any natural person or persons, corporation, public or private entity, governmental agency or institution, including all agencies and departments of City of Huntington Beach or any other user of water provided by City of Huntington Beach. (3104-4/91, 3849-1/10)
2. **“Landscape irrigation system”** means an irrigation system with pipes, hoses, spray heads, or sprinkling devices that are operated by hand or through an automated system. (3104-4/91, 3849-1/10)
3. **“Large landscape areas”** means a lawn, landscape, or other vegetated area, or combination thereof, equal to more than one (1) acre of irrigable land. (3104-4/91, 3849-1/10)
4. **“Single pass cooling systems”** means equipment where water is circulated only once to cool equipment before being disposed. (3104-4/91, 3849-1/10)
5. **“Potable water”** means water which is suitable for drinking. (3104-4/91, 3849-1/10)
6. **“Recycled water”** means the reclamation and reuse of non-potable water for beneficial use as defined in Title 22 of the California Code of Regulations. (3104-4/91, 3849-1/10)
7. **“Billing unit”** means the unit of water used to apply water rates for purposes of calculating water charges for a person’s water usage and equals 748 gallons. (3104-4/91, 3849-1/10)

14.18.040 Application. (3104-4/91, 3849-1/10)

- a. The provisions of this chapter apply to any person in the use of any potable water provided by the City of Huntington Beach. (3104-4/91, 3849-1/10)
- b. The provisions of this chapter do not apply to uses of water necessary to protect public health and safety or for essential government services, such as police, fire and other similar emergency services. (3104-4/91, 3849-1/10)
- c. The provisions of this chapter do not apply to the use of recycled water, with the exception of Section 14.18.050(a). (3104-4/91, 3849-1/10)
- d. The provisions of this chapter do not apply to the use of water by commercial nurseries and commercial growers to sustain plants, trees, shrubs, crops or other vegetation intended for commercial sale. (3104-4/91, 3849-1/10)

- e. This chapter is intended solely to further the conservation of water. It is not intended to implement any provision of Federal, State, or local statutes, ordinances, or regulations relating to protection of water quality or control of drainage or runoff. Refer to the local jurisdiction or Regional Water Quality Control Board for information on any stormwater ordinances and stormwater management plans. (3104-4/91, 3849-1/10)

14.18.050 Permanent Water Conservation Requirements – Prohibition Against Waste. (3104-4/91, 3810-9/08, 3849-1/10)

The following water conservation requirements are effective at all times and are permanent. Violations of this section will be considered waste and an unreasonable use of water.

(3104-4/91, 3810-9/08, 3849-1/10)

- a. Limits on Watering Hours: Watering or irrigating of lawn, landscape or other vegetated area with potable water is prohibited between the hours of 9:00 a.m. and 5:00 p.m. Pacific Standard Time on any day, except by use of a hand-water shut-off nozzle or device hand using a bucket and/or by hand using a hose with an automatic shutoff nozzle or a hose-end sprinkler with a radius of not more than 10 (ten) feet, if such sprinkler causes no overspray or runoff use of a hand-water shut-off nozzle or device, or for very short periods of time for the express purpose of adjusting or repairing an irrigation system. (3104-4/91, 3810-9/08, 3849-1/10)
- b. Limit on Watering Duration: Watering or irrigating of lawn, landscape or other vegetated area with potable water using a landscape irrigation system or a watering device that is not continuously attended is limited to no more than fifteen (15) minutes watering per day per station. This subsection does not apply to landscape irrigation systems that exclusively use very low-flow drip type irrigation systems when no emitter produces more than two (2) gallons of water per hour and weather based controllers or steam rotor sprinklers that meet a 70% efficiency standard. (3104-4/91, 3810. 9/08, 3849-1/10)
- c. No Excessive Water Flow or Runoff: Watering or irrigating of any lawn, landscape or other vegetated area in a manner that causes or allows excessive water flow or runoff onto an adjoining sidewalk, driveway, street, alley, gutter or ditch is prohibited. (3104-4/91, 3810-9/08, 3849-1/10)
- d. No Washing Down Hard or Paved Surfaces: Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios or alleys, is prohibited except when necessary to alleviate safety or sanitary hazards, and then only by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off device, a low-volume, high-pressure cleaning machine equipped to recycle any water used, or a low-volume high-pressure water broom. (3104-4/91, 3810-9/08, 3849-1/10)
- e. Obligation to Fix Leaks, Breaks or Malfunctions: Excessive loss or escape of water through breaks, leaks or other malfunctions in the water user's plumbing or distribution system for any period of time after such

escape of water should have reasonably been discovered and corrected and in no event more than ~~seven (7)~~five (5) days of receiving notice from the City of Huntington Beach, is prohibited.
(3104-4/91, 3810-9/08, 3849-1/10)

- f. Re-circulating Water Required for Water Fountains and Decorative Water Features: Operating a water fountain or other decorative water feature that does not use re-circulated water is prohibited. (3104-4/91, 3810-9/08, 3849-1/10)
- g. Limits on Washing Vehicles: Use water to wash or clean a vehicle, including but not limited to any automobile, truck, van, bus, motorcycle, boat or trailer, whether motorized or not is prohibited, except by use of a hand-held bucket or similar container or a hand-held hose equipped with a positive self-closing water shut-off nozzle or device. This subsection does not apply to any commercial car washing facility. (3104-4/91, 3810-9/08, 3849-1/10)
- h. Drinking Water Served Upon Request Only: Eating or drinking establishments, including but not limited to a restaurant, hotel, café, cafeteria, bar, or other public place where food or drinks are sold, served, or offered for sale, are prohibited from providing drinking water to any person unless expressly requested.
(3104-4/91, 3810-9/08, 3849-1/10)
- i. Commercial Lodging Establishments Must Provide Guests Option to Decline Daily Linen Services: Hotels, motels and other commercial lodging establishments must provide customers the option of not having towels and linen laundered daily. Commercial lodging establishments must prominently display notice of this option in each bathroom using clear and easily understood language. (3104-4/91, 3810-9/08, 3849-1/10)
- j. No Installation of Single Pass Cooling Systems to Domestic Water Supplies: Installation of single pass cooling systems is prohibited in buildings requesting new water service. (3104-4/91, 3810-9/08, 3849-1/10)
- k. No Installation of Non-re-circulating in Commercial Car Wash and Laundry Systems: Installation of non-recirculating water systems is prohibited in new commercial conveyor car wash and new commercial laundry systems.
(3104-4/91, 3810-9/08, 3849-1/10)
- l. Restaurants Required to Use Water Conserving Dish Wash Spray Valves: Food preparation establishments, such as restaurants or cafes, are prohibited from using non-water conserving dish wash spray valves.
(3104-4/91, 3810-9/08, 3849-1/10)
- m. Commercial Car Wash Systems: Effective on January 1, 2010, all new commercial conveyor car wash systems must have installed operational re-circulating water systems, or must have secured a waiver of this requirement from the City of Huntington Beach. (3104-4/91, 3810-9/08, 3849-1/10)

- n. Construction: (1) No potable water may be used for compacting or dust control purposes in construction activities where there is a reasonably available source of other non-potable water approved by the California Department of Public Health and appropriate for such use. This condition must be identified and specified on construction drawings submitted to the City for review. (2) All water hoses used in connection with any construction activities shall be equipped with an automatic shut-off nozzle when an automatic shut-off nozzle can be purchased or otherwise obtained for the size or type of those in use.
- o. Use of Hydrants: No person may use water from any fire hydrant for any purpose other than fire suppression or emergency aid without first obtaining a city hydrant meter account or written approval from the director of public works/city engineer or designee.
- p. Indiscriminate Use: No person shall cause or permit the indiscriminate running of water not otherwise prohibited above which is wasteful and without reasonable purpose.
- q. Public Health and Safety: These regulations shall not be construed to limit water use which is immediately necessary to protect health and/or safety.

14.18.060 Level 1 Water Supply Shortage. (3104-4/91, 3849-1/10)

- a. A Level 1 Water Supply Shortage exists when the City of Huntington Beach determines, in its sole discretion, that due to drought or other water supply conditions, a water supply shortage or threatened shortage exists and a consumer demand reduction is necessary to make more efficient use of water and appropriately respond to existing water conditions. Upon the declaration by the City of Huntington Beach of a Level 1 Water Supply Shortage condition, the City of Huntington Beach will implement the mandatory Level 1 conservation measures identified in this section.
(3104-4/91, 3849-1/10)
- b. Additional Water Conservation Measures: In addition to the prohibited uses of water identified in Section 14.18.050, the following water conservation requirements apply during a declared Level 1 Water Supply Shortage:
(3104-4/91, 3849-1/10)
 - 1. Limits on Watering Days: Watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to three days per week during the months of April through October on a schedule established and posted by the City of Huntington Beach. During the months of November through March, watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to no more than ~~one~~two days per week on a schedule established and posted by the City of Huntington Beach. This provision does not apply to landscape irrigation zones that exclusively use very low flow drip type irrigation systems when no emitter produces more than two (2) gallons of water per hour. This provision also does not apply to watering or irrigating by use of a hand-held bucket or similar container, a hand-held hose

equipped with a positive self-closing water shut-off nozzle or device, or for very short periods of time for the express purpose of adjusting or repairing an irrigation system. (3104-4/91, 3849-1/10)

2. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within seventy-two (72) hours of notification by the City of Huntington Beach unless other arrangements are made with the City of Huntington Beach. (3104-4/91, 3849-1/10)

14.18.070 Level 2 Water Supply Shortage. (3104-4/91, 3849-1/10)

- a. A Level 2 Water Supply Shortage exists when the City of Huntington Beach determines, in its sole discretion that due to drought or other water supply conditions, a water supply shortage or threatened shortage exists and a consumer demand reduction is necessary to make more efficient use of water and approximately respond to existing water conditions. Upon the declaration by the City of Huntington Beach of a Level 2 Water Supply Shortage condition, the City of Huntington Beach will implement the mandatory Level 2 conservation measures identified in this section. (3104-4/91, 3849-1/10)
- b. **Additional Conservation Measures:** In addition to the prohibited uses of water identified in Section 14.18.050 and 14.18.060, the following additional water conservation requirements apply during a declared Level 2 Water Supply Shortage: (3104-4/91, 3849-1/10)
 1. **Watering Days:** Watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to two days per week during the months of April through October on a schedule established and posted by the City of Huntington Beach. During the months of November through March, watering or irrigating of lawn, landscape or other vegetated area with potable water is limited to no more than one day per week on a schedule established and posted by the City of Huntington Beach. This provision does not apply to landscape irrigation zones that exclusively use very low flow drip type irrigation systems when no emitter produces more than two (2) gallons of water per hour. This provision also does not apply to watering or irrigating by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off nozzle or device, or for very short periods of time for the express purpose of adjusting or repairing an irrigation system. (3104-4/91, 3849-1/10)
 2. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within forty-eight (48) hours of notification by the City of Huntington Beach unless other arrangements are made with the City of Huntington Beach. (3104-4/91, 3849-1/10)

3. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds is prohibited, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior to declaration of a supply shortage level under this ordinance. (3104-4/91, 3849-1/10)
4. Limits on Washing Vehicles: Using water to wash or clean a vehicle, including but not limited to, any automobile, truck, van, bus, motorcycle, boat or trailer, whether motorized or not, is prohibited except by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off nozzle or device, by high pressure/low volume wash systems, or at a commercial car washing facility that utilizes a re-circulating water system to capture or reuse water. (3104-4/91, 3849-1/10)
5. Limits on Filling Residential Swimming Pools & Spas: Re-filling of more than one foot and initial filling of residential swimming pools or outdoor spas with potable water is prohibited. (3104-4/91, 3849-1/10)

14.18.080 Level 3 Water Supply Shortage – Emergency Condition. (3849-1/10)

- a. A Level 3 Water Supply Shortage condition is also referred to as an “Emergency” condition. A Level 3 condition exists when the City of Huntington Beach declares a water shortage emergency and notifies its residents and businesses that a significant reduction in consumer demand is necessary to maintain sufficient water supplies for public health and safety. Upon the declaration of a Level 3 Water Supply Shortage condition, the City of Huntington Beach will implement the mandatory Level 3 conservation measures identified in this section. (3849-1/10)
- b. Additional Conservation Measures: In addition to the prohibited use of water identified in Section 14.18.050, 14.18.060 and 14.18.070, the following water conservation requirements apply during a declared Level 3 Water Supply Shortage Emergency: (3849-1/10)
 1. Watering or Irrigating: Watering or irrigating of lawn, landscape or other vegetated area with potable water is prohibited. This restriction does not apply to the following categories of use, unless the City of Huntington Beach has determined that recycled water is available and may be applied to the use: (3849-1/10)
 - i. Maintenance of vegetation, including trees and shrubs, that are watered using a hand-held bucket or similar container, hand-held hose equipped with a positive self-closing water shut-off nozzle or device; (3849-1/10)
 - ii. Maintenance of existing landscape necessary for fire protection; (3849-1/10)

- iii. Maintenance of existing landscape for soil erosion control;
(3849-1/10)
 - iv. Maintenance of plant materials identified to be rare or essential to the well-being of protected species; (3849-1/10)
 - v. Maintenance of landscape with active public parks and playing fields, day care centers, golf course greens, and school grounds, provided that such irrigation does not exceed two (2) days per week according to the schedule established in Section 14.18.070(b)(1) and time restrictions in Section 14.18.050(a) and 14.18.060(b)(1); (3849-1/10)
 - vi. Actively irrigated environmental mitigation projects.
(3849-1/10)
2. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the water user's plumbing or distribution system must be repaired within twenty-four (24) hours of notification by the City of Huntington Beach unless other arrangements are made with the City of Huntington Beach. (3849-1/10)
3. a. **New Potable Water Service:** Upon declaration of a Level 3 Water Supply Shortage Emergency condition, no new potable water service will be provided, no new temporary meters or permanent meters will be provided, and no statements of immediate ability to serve or provide potable water service (such as, will-serve letters, certificates, or letters of availability) will be issued, except under the following circumstances: (3849-1/10)
- 1. A valid, unexpired building permit has been issued for the project; or (3849-1/10)
 - 2. The project is necessary to protect the public health, safety, and welfare; or (3849-1/10)
 - 3. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset prior to the provision of a new water meter(s) to the satisfaction of the City of Huntington Beach.
(3849-1/10)
- This provision does not preclude the resetting or turn-on of meters to provide continuation of water service or the restoration of service that has been interrupted for a period of one year or less. (3849-1/10)
- Or
- b. **Limits on Building Permits:** The City of Huntington Beach will limit or withhold the issuance of building permits which require new or expanded water service, except to protect the

public health, safety and welfare, or in cases which meet the City of Huntington Beach's adopted conservation offset requirements. (3849-1/10)

4. Discontinue Service: The City of Huntington Beach, in its sole discretion, may discontinue service to consumers who willfully violate provisions of this section. (3849-1/10)
5. New Annexations: Upon the declaration of a Level 3 Water Supply Shortage condition, the City of Huntington Beach will suspend consideration of annexations to its service area. This subsection does not apply to boundary corrections and annexations that will not result in any increased use of water. (3849-1/10)

14.18.090 Procedures for Determination and Notification of Water Supply Shortage. (3849-1/10)

- a. The City's Director of Public Works and the City Administrator, or their designated representatives, are authorized and directed by the City Council to implement the provisions of this Chapter. The Director of Public Works shall make such rules and regulations as may be necessary, reasonable and proper to enforce the provisions of this Code. A copy of any rule or regulation promulgated by the Director shall be provided to the City Council. (3849-1/10)
- b. The City shall monitor the projected supply and demand for water by its customers. The Director of Public Works shall determine the extent of the conservation required through the implementation and/or termination of particular conservation stages in order for the City to prudently plan for and supply water to its customers. The existence of Level 1, Level 2 or Level 3 water supply shortage conditions shall be declared by Resolution of the City of Huntington Beach adopted at a regular or special public meeting held in accordance with state law. The mandatory conservation requirements applicable to Level 1, Level 2 or Level 3 conditions, will take effect on the tenth day after the date the shortage level is declared. Within five (5) days following the declaration of the shortage level, the City of Huntington Beach shall publish a copy of the Resolution in a newspaper used for publication of official notices. If the City of Huntington Beach activates a water allocation process, it shall provide notice of the activation by including it in the regular billing statement or by any other mailing to the address to which the City of Huntington Beach customarily mails the billing statement for fees or charges for on-going water service. A water allocation process will be effective on the fifth day following the date of mailing or at such later date as specified in the notice. (3849-1/10)
- c. In case of local emergencies as defined under the Huntington Beach Municipal Code, the City Administrator shall have the authority to order the implementation of the appropriate level of water conservation subject to ratification by the City Council within seven (7) days thereafter or such order shall have no further force or effect. (3849-1/10)

14.18.100 Hardship Waiver. (3849-1/10)

- a. Undue and Disproportionate Hardship: If, due to unique circumstances, a specific requirement of this chapter would result in undue hardship to a person using water or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water users, then the person may apply to the City Administrator for a waiver to the requirements as provided in this section.
(3849-1/10)
- b. Written Finding: The waiver may be granted or conditionally granted only upon a written finding of the existence of facts demonstrating an undue hardship to a person using water or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water use due to specific and unique circumstances of the user or the user's property.
(3849-1/10)
 1. Application: Application for a waiver must be on a form prescribed by the City of Huntington Beach and accompanied by a non-refundable processing fee in an amount set by City of Huntington Beach resolution of the City Council. (3849-1/10)
 2. Supporting Documentation: The application must be accompanied by photographs, maps, drawings, and other information, including a written statement of the applicant. (3849-1/10)
 3. Required Findings for Waiver: An application for a waiver will be denied unless the City Administrator finds, based on the information provided in the application, supporting documents, or such additional information as may be requested, and on water use information for the property as shown by the records of the City of Huntington Beach or its Agent, all of the following: (3849-1/10)
 - i. That the waiver does not constitute a grant of special privilege inconsistent with the limitations upon other residents and businesses; (3849-1/10)
 - ii. That because of special circumstances applicable to the property or its use, the strict application of this chapter would have a disproportionate impact on the property or use that exceeds the impacts to residents and businesses generally; (3849-1/10)
 - iii. That the authorizing of such waiver will not be of substantial detriment to adjacent properties, and will not materially affect the ability of the City of Huntington Beach to effectuate the purpose of this chapter and will not be detrimental to the public interest; and (3849-1/10)
 4. Approval Authority: The City Administrator shall act upon any completed application no later than ten (10) days after submittal and may approve, conditionally approve, or deny the waiver. The applicant requesting the waiver shall be promptly notified in writing

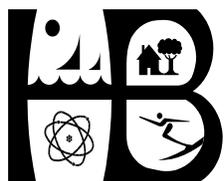
of any action taken. Unless specified otherwise at the time a waiver is approved, the waiver will apply to the subject property during the period of the mandatory water supply shortage condition. The decision of the City Administrator will be final. (3849-1/10)

14.18.110 Violation – Penalty. (3849-1/10)

- a. Any person violating this chapter shall be guilty of a misdemeanor, punishable by a fine not exceeding one thousand dollars (\$1,000) or by imprisonment in the county jail for a period not to exceed six (6) months, or by both fine and imprisonment. Each day that a violation of this ordinance occurs is a separate offense. (3849-1/10)
- b. In addition to any fines, the City may install a water flow restrictor device of approximately one gallon per minute capacity for service up to one and one-half inch size and comparatively sized restrictors for larger services after written notice of intent to install a flow restrictor for a minimum of forty-eight (48) hours. (3849-1/10)
- c. A person or entity that violates this ordinance is responsible for payment of the City's charges for installing and/or removing any flow restricting device and for disconnecting and/or reconnecting service per the City's schedule of charges then in effect. The charge for installing and/or removing any flow restricting device must be paid to the City before the device is removed. Nonpayment will be subject to the same remedies as nonpayment of basic water rates.
(3849-1/10)
- d. In addition to any fines and the installation of a water flow restrictor, the City may disconnect a customer's water service for willful violations of mandatory restrictions in this chapter. (3849-1/10)

14.18.120 Severability. (3849-1/10)

If any section, subsection, sentence, clause or phrase in this chapter is for any reason held invalid, the validity of the remainder of the chapter will not be affected. The City of Huntington Beach hereby declares it would have passed this chapter and each section, subsection, sentence, clause or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses, or phrases or is declared invalid. (3849-1/10)



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 14-06

SUBMITTED TO: Chair Brenden and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works

DATE: March 19, 2014

SUBJECT: Residential Overlay of Maintenance Zone 11 including Tree Petition Streets Craig Lane and Edmonds Circle, CC-1477

Statement of Issue: Plans and Specifications for the Residential Overlay of Maintenance Zone 11 and FY 13/14 Tree Petition Streets, CC-1477 is in final preparation. Staff requests recommended action in order to proceed with the bidding process.

Funding Source: Funds in the amount of \$2,550,000 have been budgeted for this project. \$2,100,000 in Proposition 42 funds and \$450,000 in Gas Tax funds.

Impact on Future Maintenance Costs: No additional costs are anticipated.

Recommended Action: Motion to approve that the Residential Overlay of Maintenance Zone 11 and FY 13/14 Tree Petition Streets, CC-1477, is in general conformance with the previously approved CIP.

Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: The City of Huntington Beach is responsible for maintaining approximately 200 residential lane miles of streets. The City's Pavement Management Program (PMP) calculates a pavement condition for each street. The street conditions are rated from 0 to 100, with 0 being the worst and 100 for perfect condition. As part of the PMP, a residential network was created dividing the City in to 12 maintenance zones to allow the City to better coordinate maintenance activities. This project will rehabilitate approximately 90 streets with pavement condition ratings below 55 in Maintenance Zone 11. Maintenance Zone 11 is located in the North Area of City and includes 7 Reporting Districts bordered by Bolsa Avenue to the North, Graham Street to the West, Heil Avenue to the South, and Goldenwest Street to the East.

The scope of work includes cold milling, installation of pavement fabric, an inch and a half (1^{1/2}") asphalt concrete overlay, adjustment of existing utility covers, and traffic striping.

Craig Lane and Edmonds Circle are residential streets that require curb and gutter, parkway, sidewalk, street, tree, and other city related improvements damaged by existing trees. The two streets consist of 34 residential lots and were picked for reconstruction based on their priority on the tree petition list.

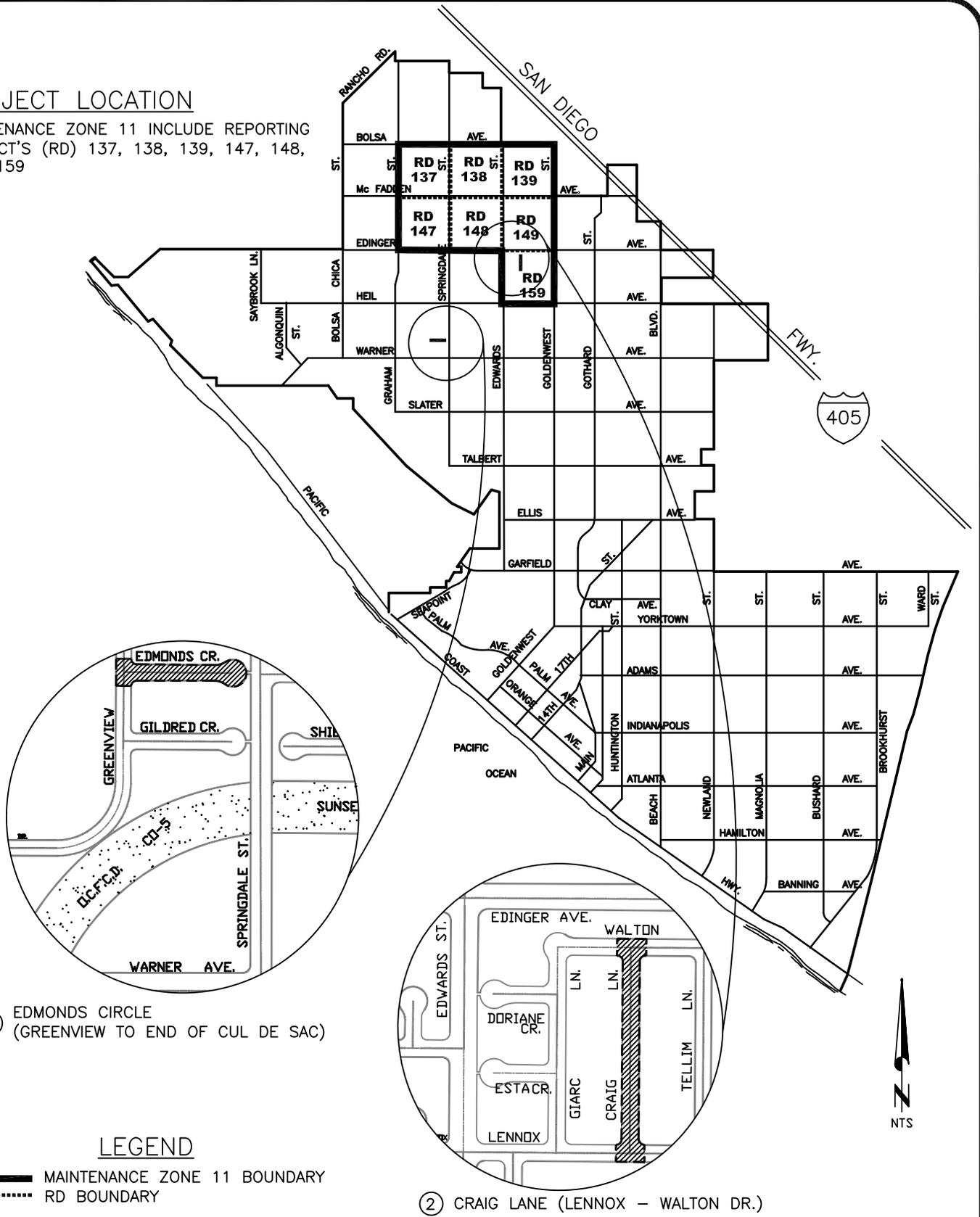
Craig Lane falls within Maintenance Zone 11, therefore the two projects are being combined to facilitate construction scheduling and take advantage of economies of scale.

Attachments:

1. Location Map

PROJECT LOCATION

MAINTENANCE ZONE 11 INCLUDE REPORTING DISTRICT'S (RD) 137, 138, 139, 147, 148, 149, 159



① EDMONDS CIRCLE
(GREENVIEW TO END OF CUL DE SAC)

② CRAIG LANE (LENNOX - WALTON DR.)

LEGEND

- MAINTENANCE ZONE 11 BOUNDARY
- - - - - RD BOUNDARY

RESIDENTIAL OVERLAY IMPROVEMENTS CC-1477
 PROJECT LOCATION MAP
 CITY OF HUNTINGTON BEACH
 DEPARTMENT OF PUBLIC WORKS

